

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051755.D
 Acq On : 9 Oct 2018 18:08
 Operator : MD\SY
 Sample : VN1009MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009MBS01

Quant Time: Oct 10 03:31:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	568138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	857803	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	812455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	420852	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	368698	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.59	113	334635	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
50) Toluene-d8	10.09	98	1245141	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	413432	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	133968	19.570	ug/l	95
3) Chloromethane	2.06	50	123463	19.042	ug/l	98
4) Vinyl Chloride	2.18	62	193978	18.992	ug/l	99
5) Bromomethane	2.56	94	160671	20.456	ug/l	99
6) Chloroethane	2.70	64	134845	19.644	ug/l	100
7) Trichlorofluoromethane	3.01	101	233416	21.172	ug/l	100
8) Diethyl Ether	3.41	74	63801	21.437	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	115308	20.313	ug/l	97
10) Methyl Iodide	3.95	142	140027	20.122	ug/l	99
11) Tert butyl alcohol	4.80	59	55875	109.543	ug/l	98
12) 1,1-Dichloroethene	3.73	96	106513	20.131	ug/l	95
13) Acrolein	3.61	56	23544	63.923	ug/l	91
14) Allyl chloride	4.33	41	146582	18.165	ug/l	98
15) Acrylonitrile	5.00	53	177090	100.610	ug/l	99
16) Acetone	3.82	43	133920	94.835	ug/l	99
17) Carbon Disulfide	4.05	76	270667	16.830	ug/l	100
18) Methyl Acetate	4.33	43	96015	23.177	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	345835	19.803	ug/l	99
20) Methylene Chloride	4.55	84	121754	19.717	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	121059	19.309	ug/l	94
22) Diisopropyl ether	5.95	45	323824	18.720	ug/l	96
23) Vinyl Acetate	5.90	43	1176672	92.513	ug/l	100
24) 1,1-Dichloroethane	5.85	63	209250	18.809	ug/l	99
25) 2-Butanone	6.84	43	212034	97.835	ug/l	95
26) 2,2-Dichloropropane	6.83	77	196666	17.640	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	143224	19.678	ug/l	95
28) Bromochloromethane	7.20	49	92363	18.753	ug/l	93
29) Tetrahydrofuran	7.22	42	138287	103.976	ug/l	95
30) Chloroform	7.37	83	243185	19.455	ug/l	97
31) Cyclohexane	7.66	56	181419	17.806	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	226466	18.692	ug/l	99
36) 1,1-Dichloropropene	7.80	75	167151	18.642	ug/l	98
37) Ethyl Acetate	6.93	43	100014	21.387	ug/l	98
38) Carbon Tetrachloride	7.78	117	201336	18.714	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	209675	18.629	ug/l	96
40) Benzene	8.04	78	513171	19.307	ug/l	97
41) Methacrylonitrile	7.18	41	39378	16.141	ug/l #	74
42) 1,2-Dichloroethane	8.13	62	178310	19.906	ug/l	99
43) Isopropyl Acetate	8.17	43	192377	19.732	ug/l	99
44) Trichloroethene	8.84	130	152241	20.172	ug/l	98
45) 1,2-Dichloropropane	9.12	63	126311	19.221	ug/l	98
46) Dibromomethane	9.21	93	93904	20.558	ug/l	98
47) Bromodichloromethane	9.41	83	192817	19.175	ug/l	98
48) Methyl methacrylate	9.20	41	88743	19.920	ug/l	98
49) 1,4-Dioxane	9.20	88	29803	446.135	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	522428	105.745	ug/l	99
52) Toluene	10.16	92	339128	19.183	ug/l	96
53) t-1,3-Dichloropropene	10.38	75	185347	17.863	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	202416	18.371	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	127150	20.190	ug/l	97
56) Ethyl methacrylate	10.43	69	155716	19.552	ug/l	97
57) 1,3-Dichloropropane	10.71	76	201756	20.242	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	328346	99.618	ug/l	96
59) 2-Hexanone	10.75	43	339914	101.309	ug/l	97
60) Dibromochloromethane	10.90	129	157290	19.085	ug/l	98
61) 1,2-Dibromoethane	11.01	107	135134	20.298	ug/l	99
64) Tetrachloroethene	10.63	164	145055	20.237	ug/l	99
65) Chlorobenzene	11.43	112	394129	19.587	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	155793	19.337	ug/l	99
67) Ethyl Benzene	11.51	91	663287	19.071	ug/l	100
68) m/p-Xylenes	11.62	106	537932	38.656	ug/l	99
69) o-Xylene	11.95	106	265856	19.481	ug/l	99
70) Styrene	11.96	104	406181	18.678	ug/l	99
71) Bromoform	12.13	173	104561	17.448	ug/l #	97
73) Isopropylbenzene	12.25	105	708107	19.738	ug/l	100
74) N-amyl acetate	12.07	43	149898	18.124	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	159425	20.648	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	187586	34.610	ug/l #	100
77) Bromobenzene	12.53	156	172460	19.661	ug/l	97
78) n-propylbenzene	12.59	91	746368	19.074	ug/l	100
79) 2-Chlorotoluene	12.68	91	446594	19.366	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	590190	19.521	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	38574	16.848	ug/l	92
82) 4-Chlorotoluene	12.77	91	442784	19.113	ug/l	99
83) tert-Butylbenzene	12.99	119	554555	20.471	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	591451	19.531	ug/l	98
85) sec-Butylbenzene	13.17	105	707424	19.741	ug/l	100
86) p-Isopropyltoluene	13.29	119	620211	19.523	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	300198	19.640	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	287894	19.136	ug/l	99
89) n-Butylbenzene	13.62	91	466061	18.555	ug/l	99
90) Hexachloroethane	13.88	117	113344	17.883	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	300986	19.808	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25328	20.098	ug/l	99

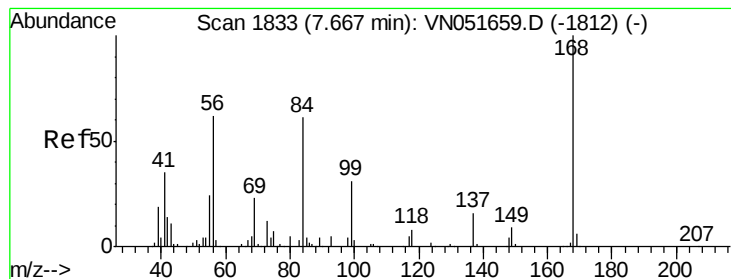
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 09 06:03:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	117403	17.364	ug/l	97
94) Hexachlorobutadiene	15.01	225	88940	19.387	ug/l	98
95) Naphthalene	15.13	128	240528	16.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	121736	18.281	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampled :

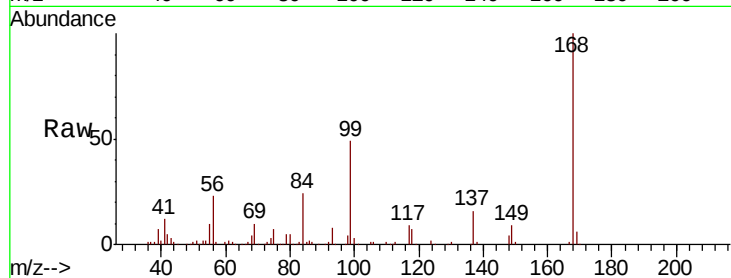
VN1009MBS01

Tot Ion:168 Resp: 568138

Ion Ratio Lower Upper

168 100

99 48.4 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

250000

200000

150000

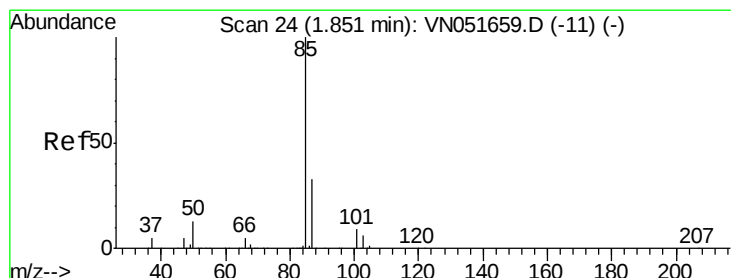
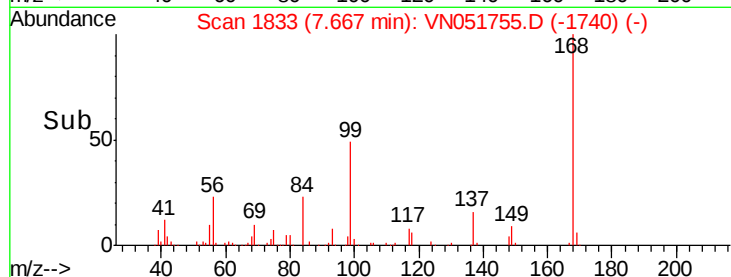
100000

50000

0

7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.570 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051755.D

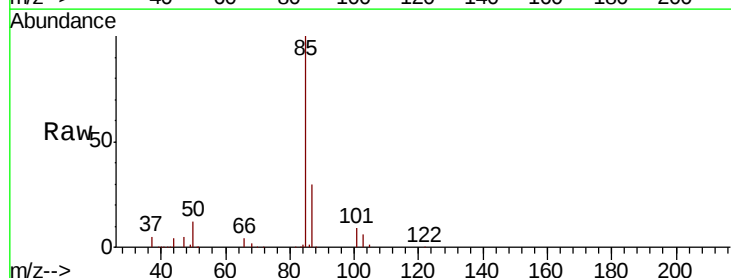
Acq: 9 Oct 2018 18:08

Tgt Ion: 85 Resp: 133968

Ion Ratio Lower Upper

85 100

87 30.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

100000

80000

60000

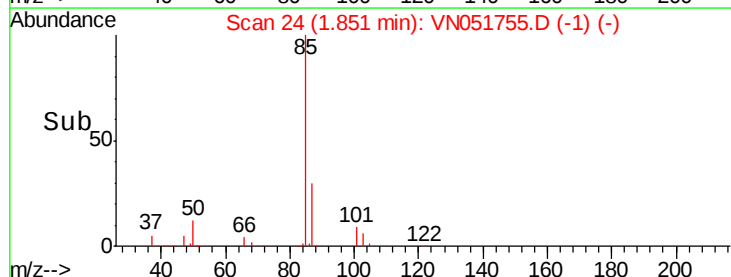
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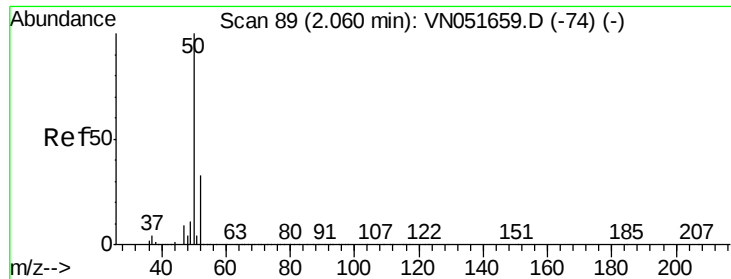
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.042 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampled :

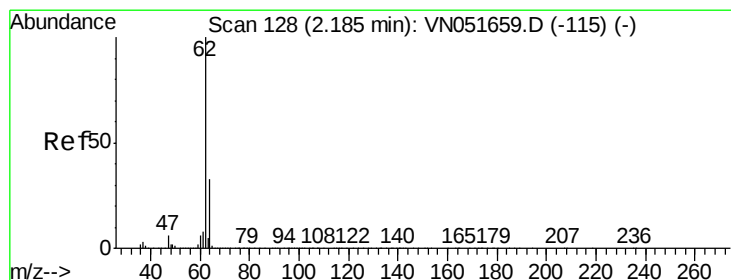
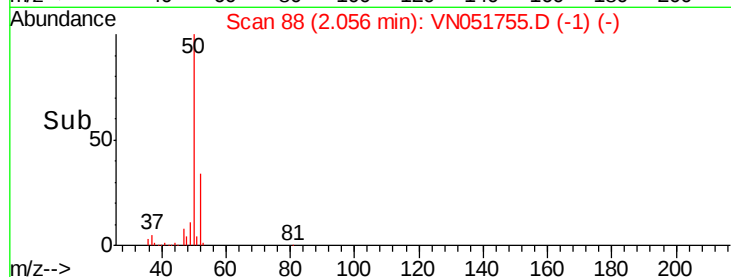
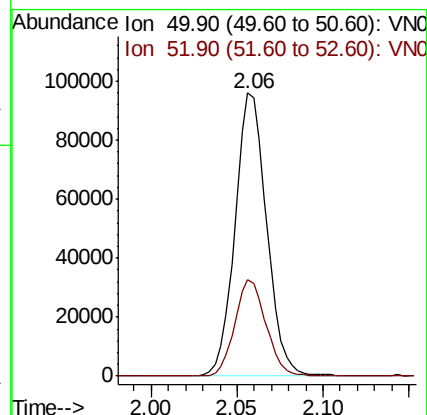
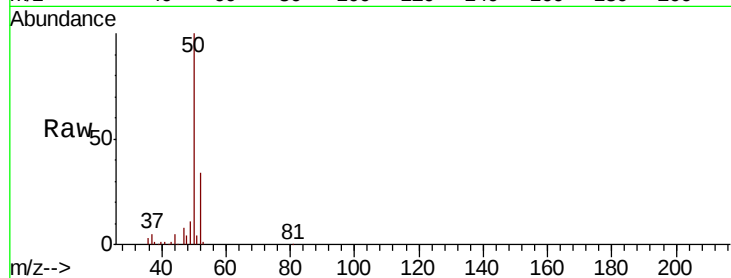
VN1009MBS01

Tot Ion: 50 Resp: 123463

Ion Ratio Lower Upper

50 100

52 34.1 26.6 39.8



#4

Vinyl Chloride

Concen: 18.992 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051755.D

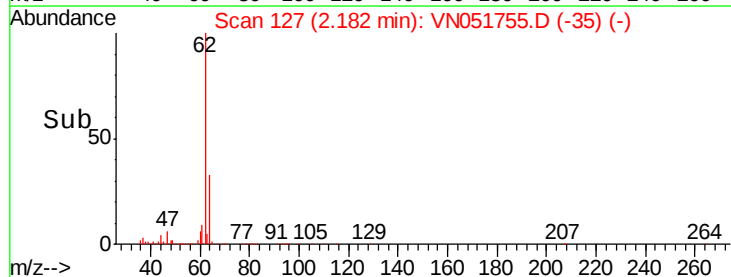
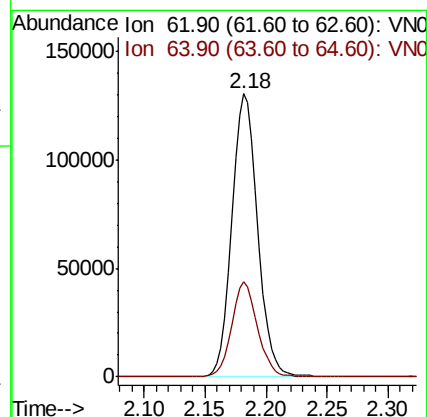
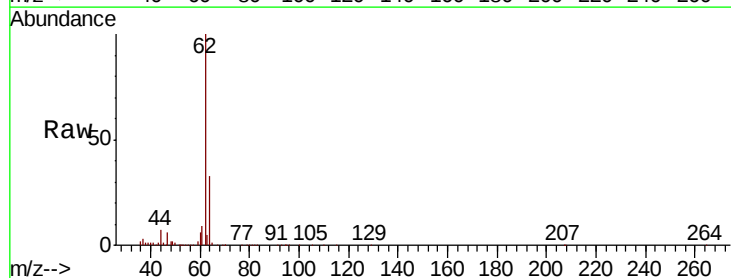
Acq: 9 Oct 2018 18:08

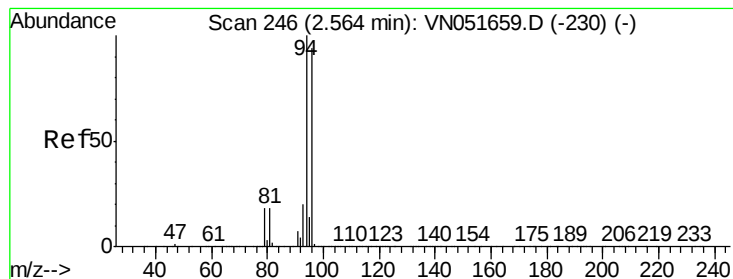
Tgt Ion: 62 Resp: 193978

Ion Ratio Lower Upper

62 100

64 33.4 26.2 39.4





#5

Bromomethane

Concen: 20.456 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

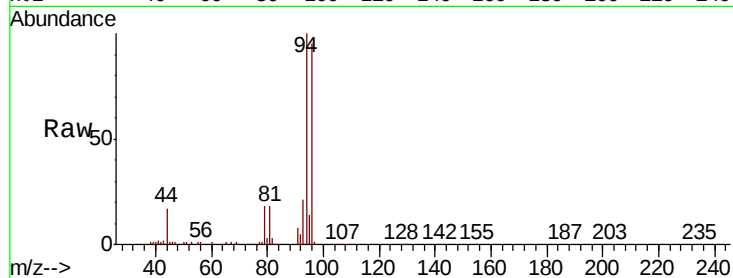
VN1009MBS01

Tot Ion: 94 Resp: 160671

Ion Ratio Lower Upper

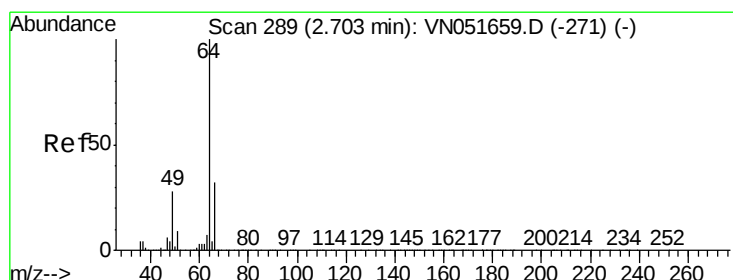
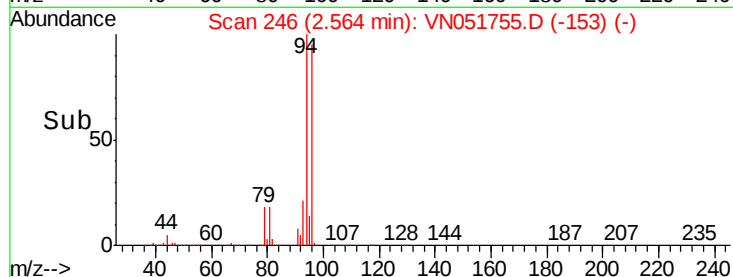
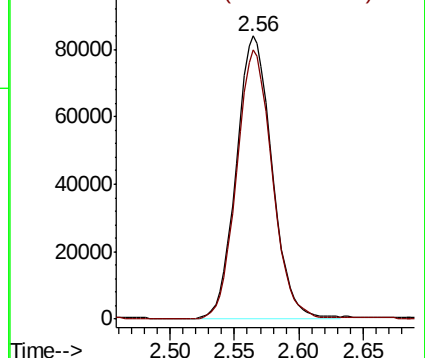
94 100

96 95.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.644 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051755.D

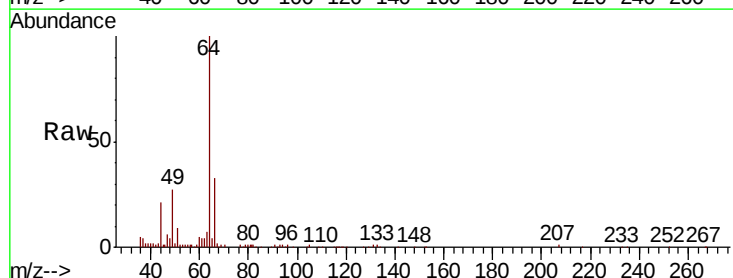
Acq: 9 Oct 2018 18:08

Tgt Ion: 64 Resp: 134845

Ion Ratio Lower Upper

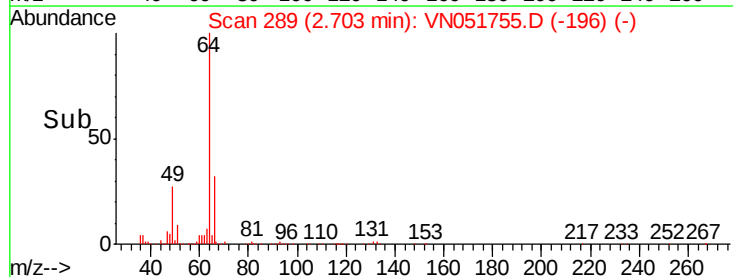
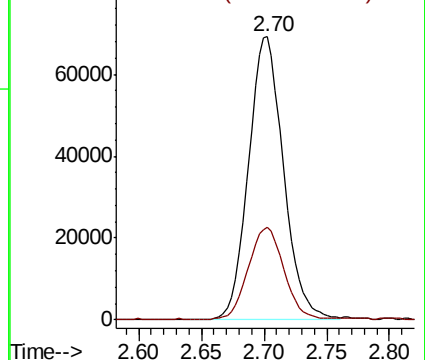
64 100

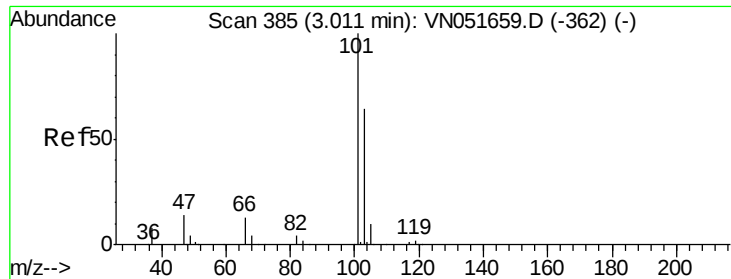
66 32.3 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



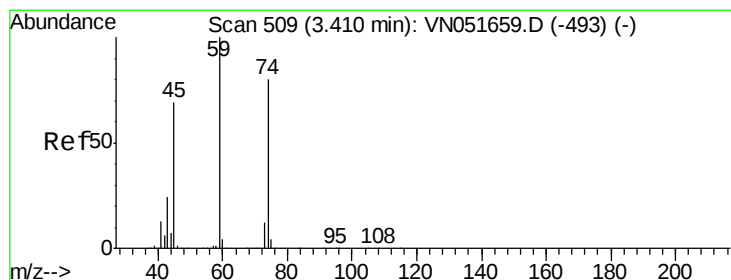
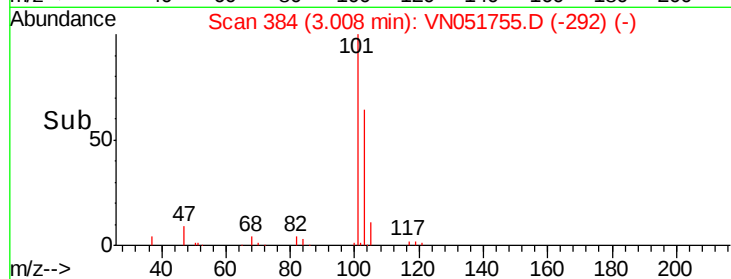
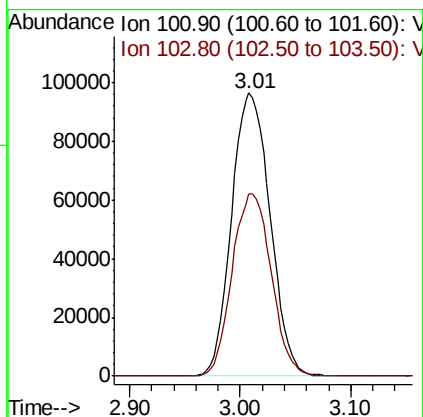
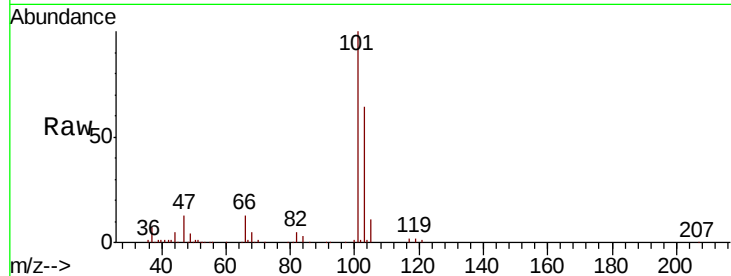


#7

Trichlorofluoromethane
 Concen: 21.172 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

Instrument :
 MSVOA_N
 ClientSampled :
 VN1009MBS01

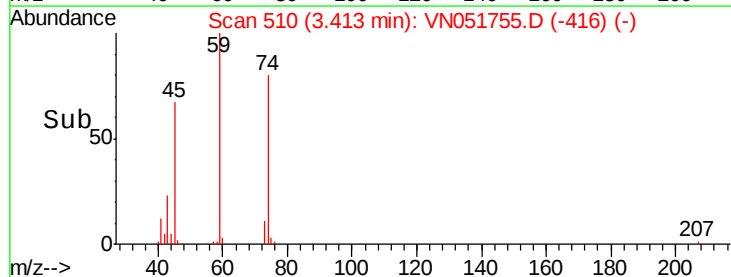
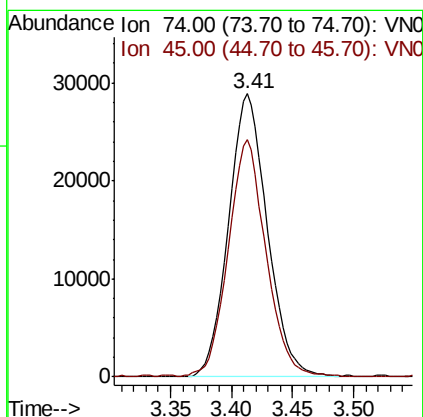
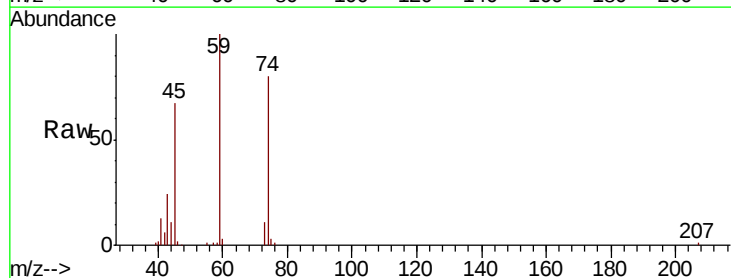
Tot Ion:101 Resp: 233416
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.1 76.7

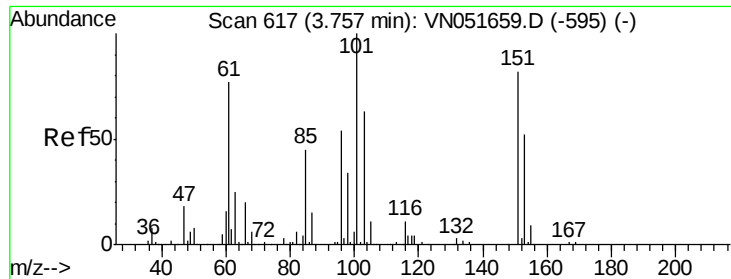


#8

Diethyl Ether
 Concen: 21.437 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

Tgt Ion: 74 Resp: 63801
 Ion Ratio Lower Upper
 74 100
 45 81.8 44.3 132.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.313 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampled :

VN1009MBS01

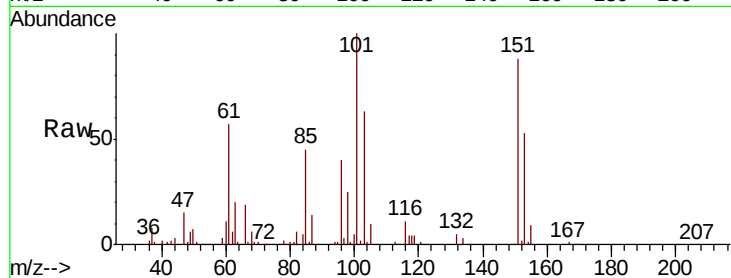
Tot Ion:101 Resp: 115308

Ion Ratio Lower Upper

101 100

85 45.4 35.6 53.4

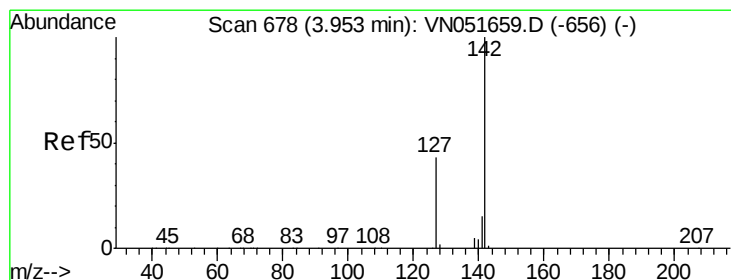
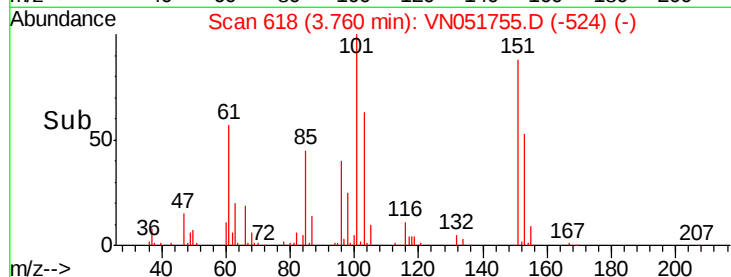
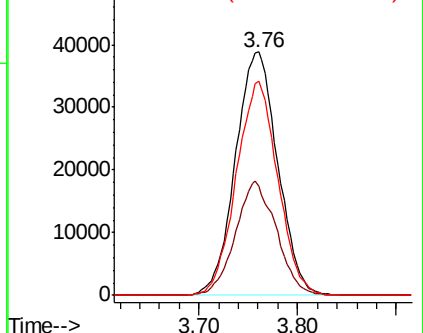
151 86.0 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.122 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

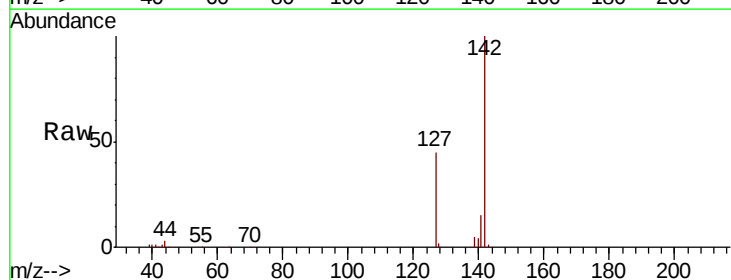
Tgt Ion:142 Resp: 140027

Ion Ratio Lower Upper

142 100

127 42.9 34.7 52.1

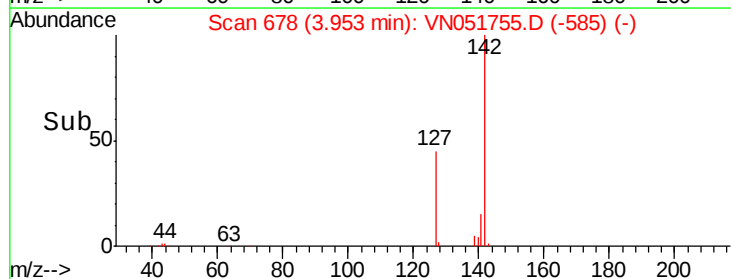
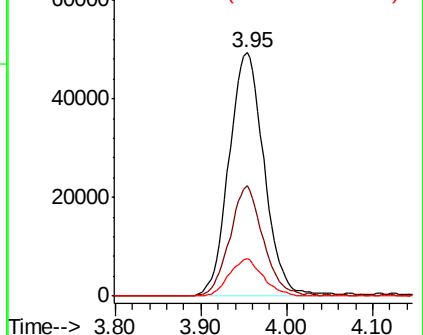
141 14.6 11.4 17.2

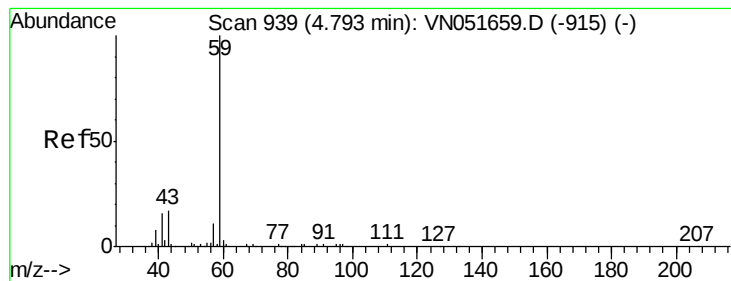


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 109.543 ug/l

RT: 4.80 min Scan# 940

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

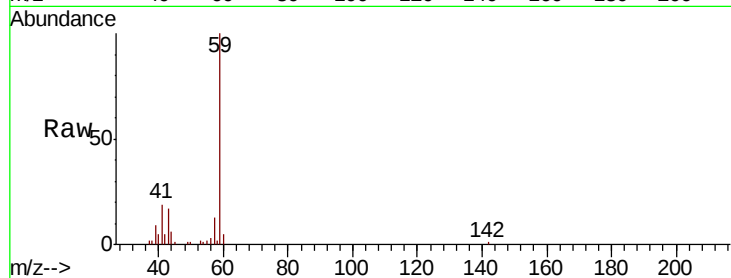
VN1009MBS01

Tot Ion: 59 Resp: 55875

Ion Ratio Lower Upper

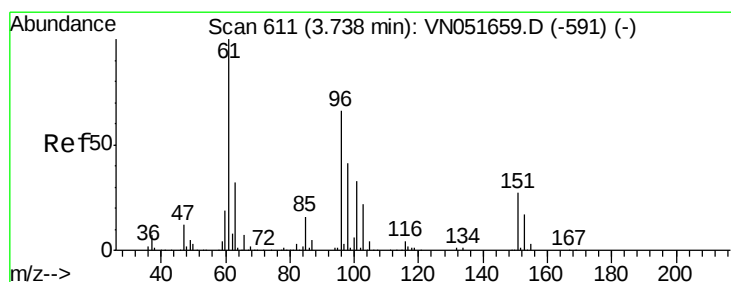
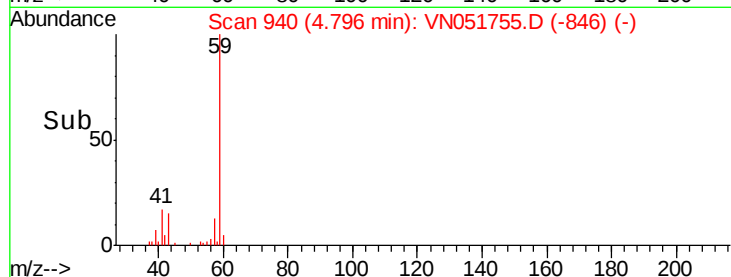
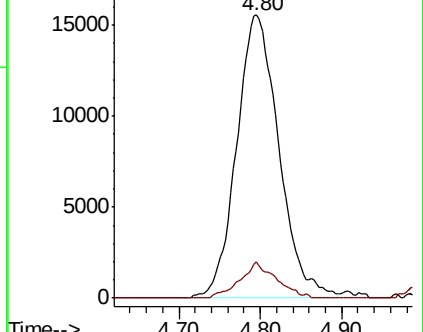
59 100

57 11.0 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VN051755.D (-846) (-)

Ion 57.00 (56.70 to 57.70): VN051755.D (-846) (-)



#12

1,1-Dichloroethene

Concen: 20.131 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

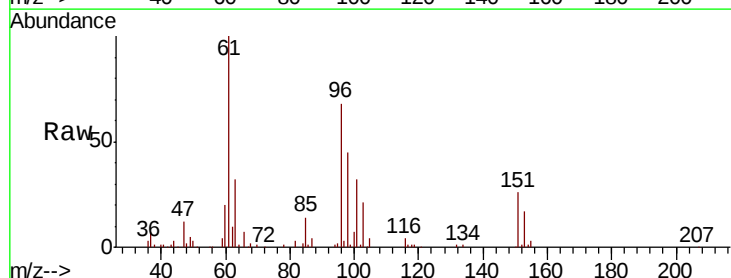
Tgt Ion: 96 Resp: 106513

Ion Ratio Lower Upper

96 100

61 145.7 121.4 182.0

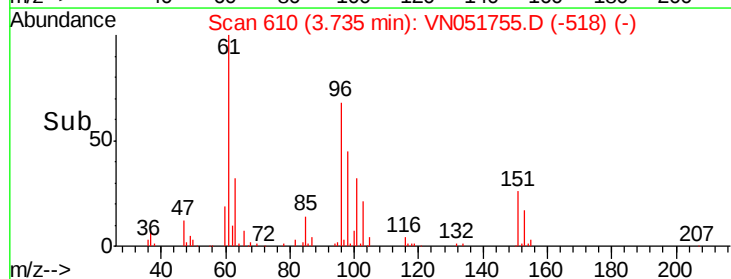
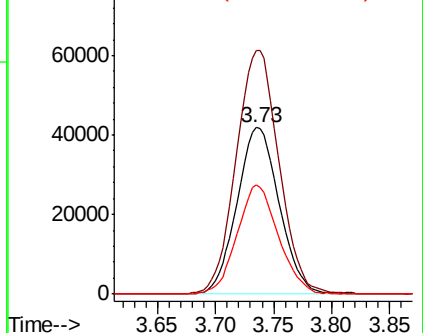
98 65.9 49.9 74.9

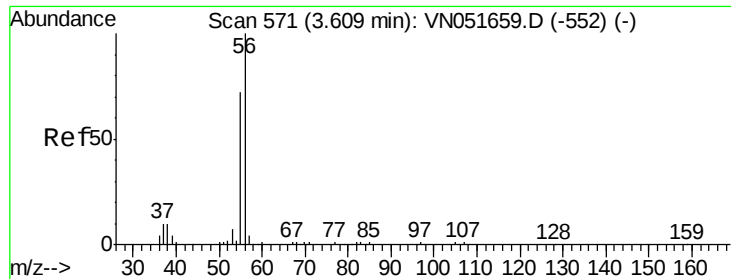


Abundance Ion 95.90 (95.60 to 96.60): VN051755.D (-518) (-)

Ion 60.90 (60.60 to 61.60): VN051755.D (-518) (-)

Ion 97.90 (97.60 to 98.60): VN051755.D (-518) (-)





#13

Acrolein

Concen: 63.923 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampled :

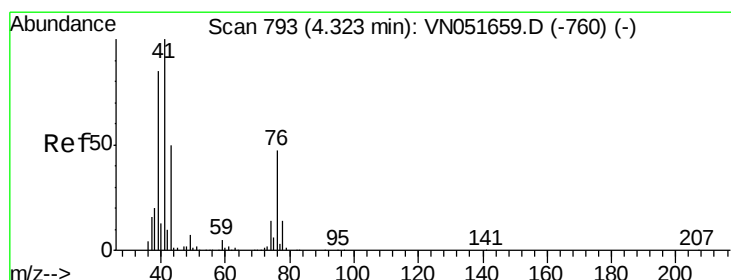
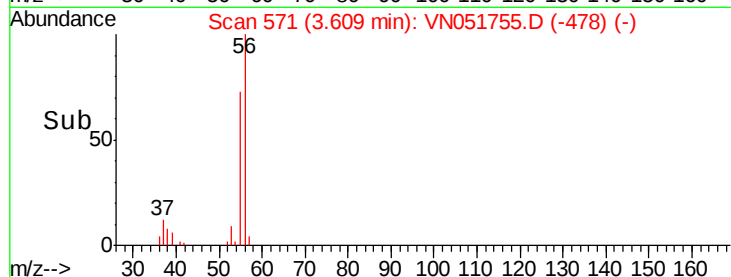
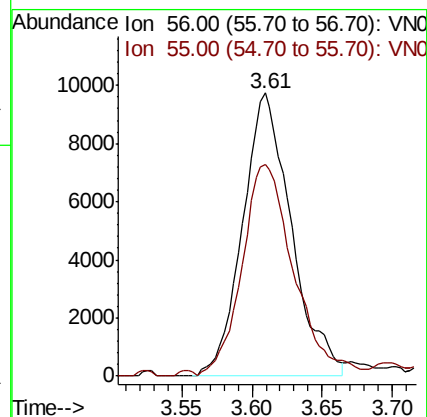
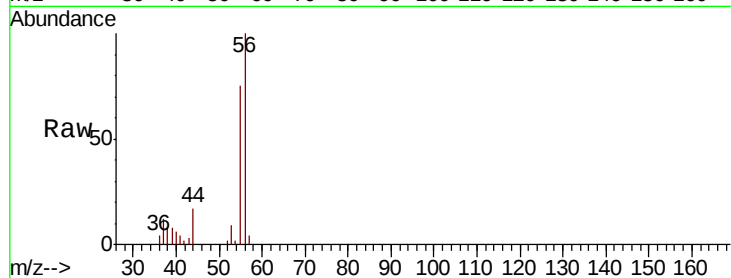
VN1009MBS01

Tot Ion: 56 Resp: 23544

Ion Ratio Lower Upper

56 100

55 79.7 57.5 86.3



#14

Allyl chloride

Concen: 18.165 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

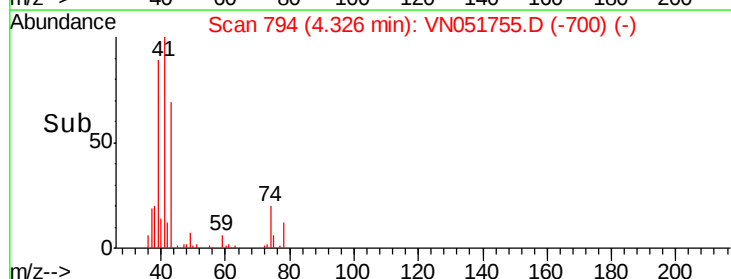
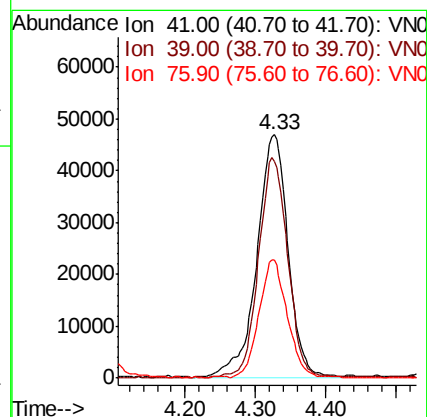
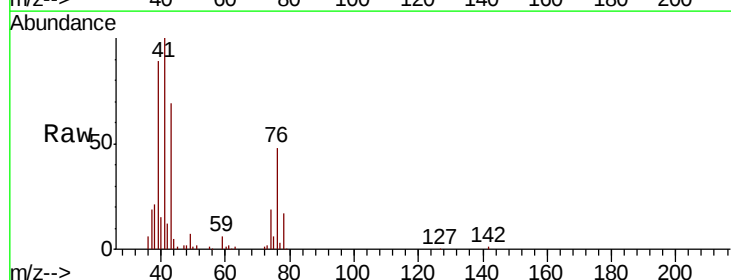
Tgt Ion: 41 Resp: 146582

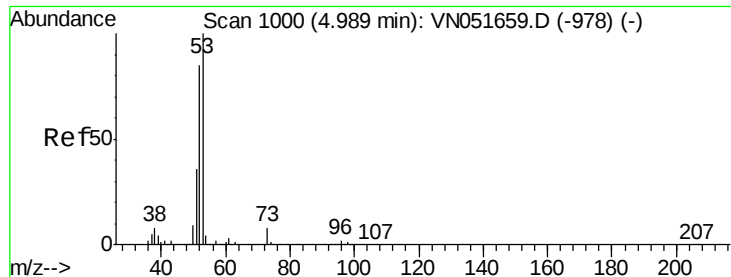
Ion Ratio Lower Upper

41 100

39 84.3 65.4 98.0

76 42.6 34.3 51.5





#15

Acrylonitrile

Concen: 100.610 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

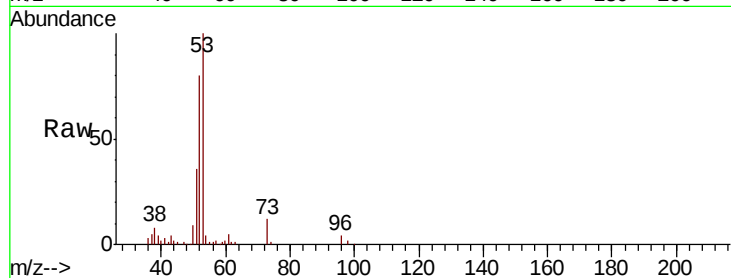
MSVOA_N

ClientSampleId :

VN1009MBS01

Tot Ion: 53 Resp: 177090

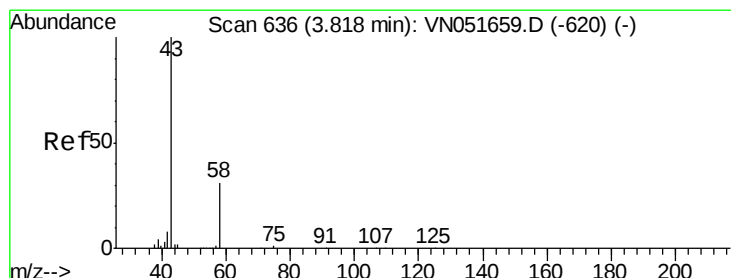
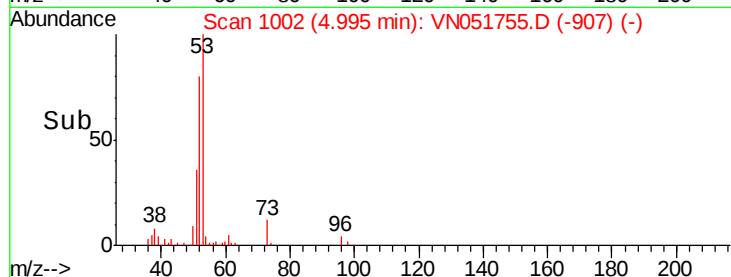
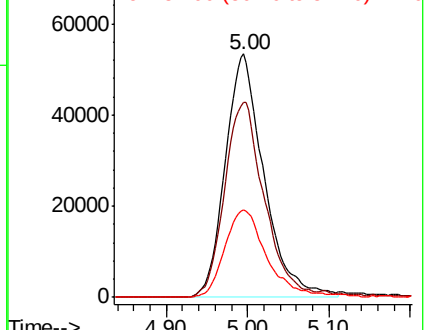
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.2
51	38.4	30.3	45.5



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 94.835 ug/l

RT: 3.82 min Scan# 637

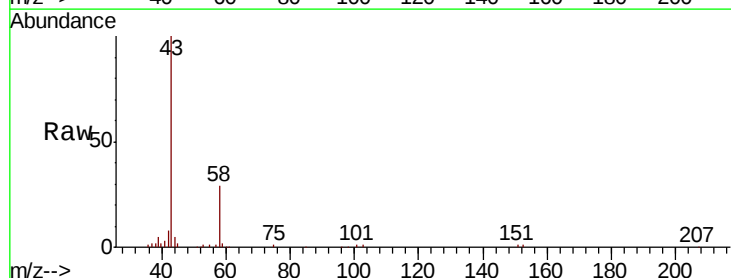
Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

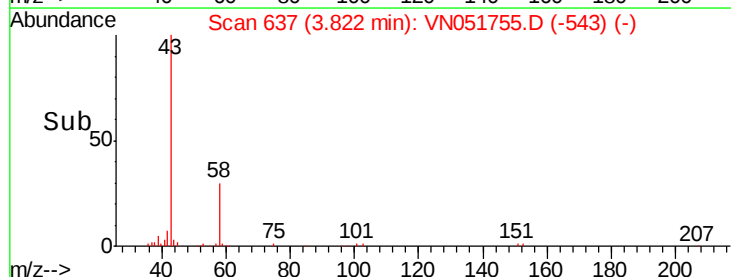
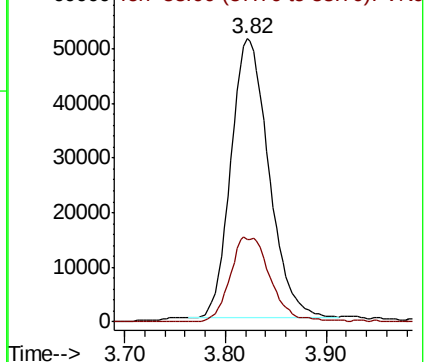
Tgt Ion: 43 Resp: 133920

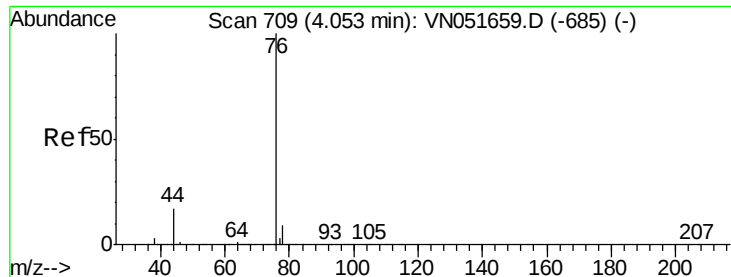
Ion	Ratio	Lower	Upper
43	100		
58	29.6	24.3	36.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

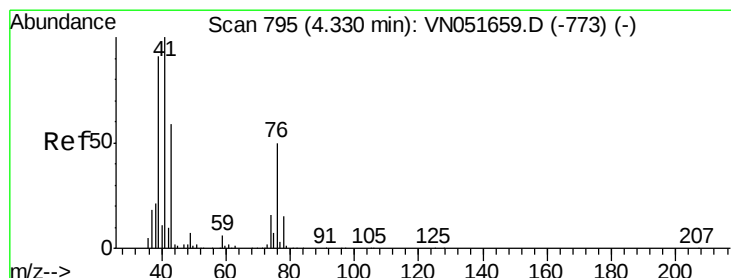
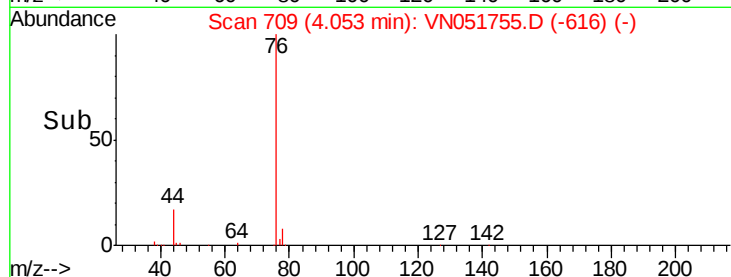
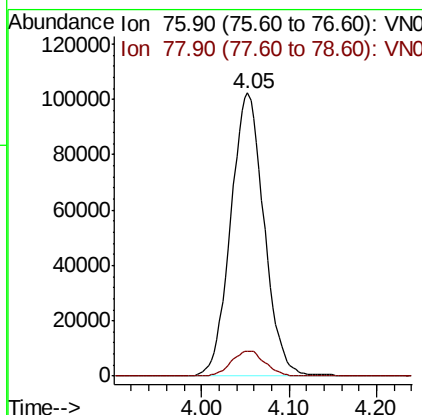
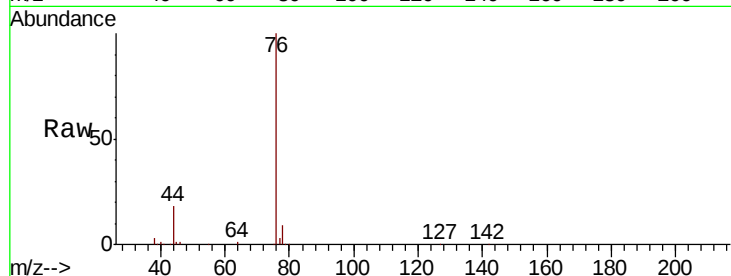




#17
Carbon Disulfide
Concen: 16.830 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

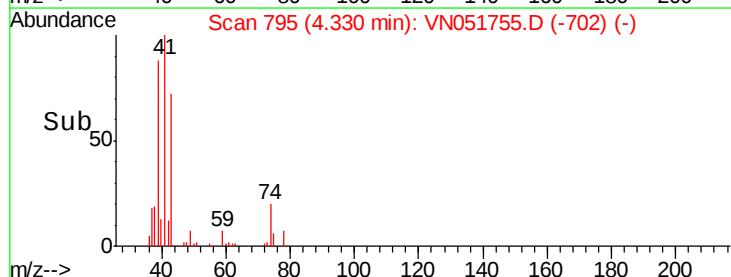
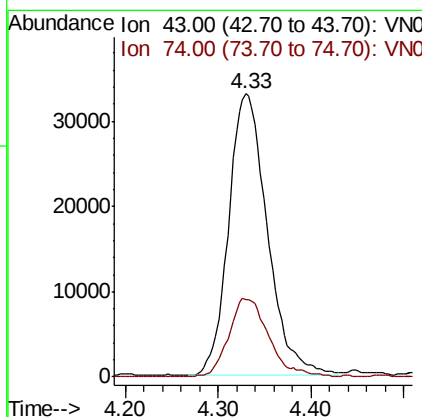
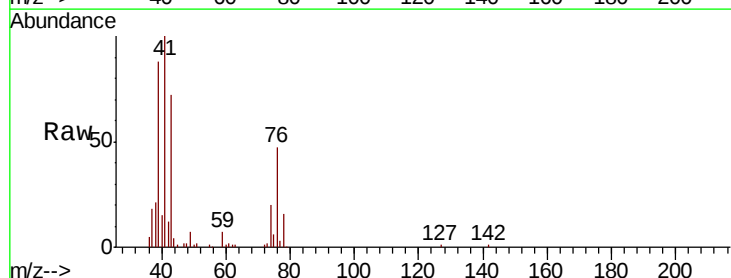
Instrument :
MSVOA_N
ClientSampleId :
VN1009MBS01

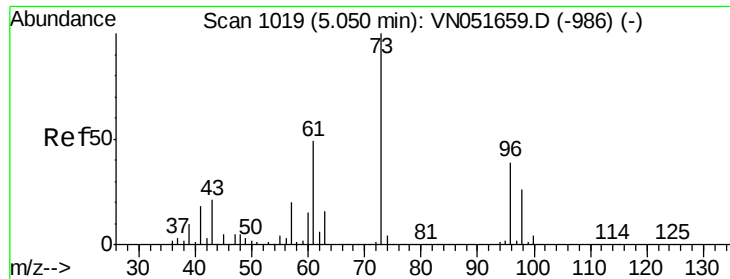
Tot Ion: 76 Resp: 270667
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 23.177 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 43 Resp: 96015
Ion Ratio Lower Upper
43 100
74 28.8 21.5 32.3

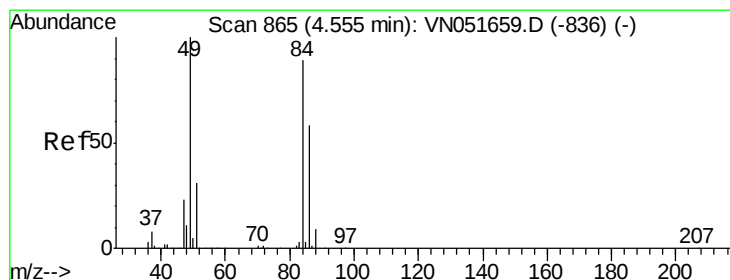
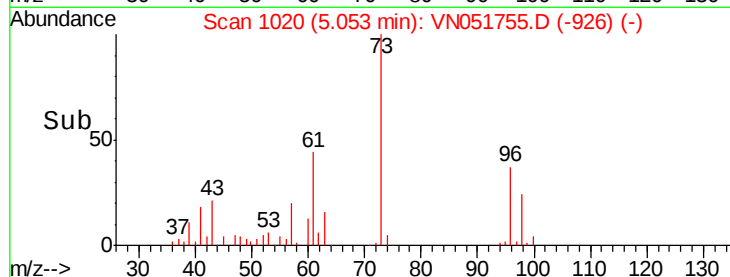
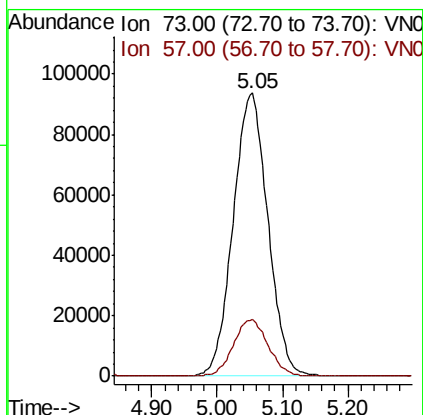
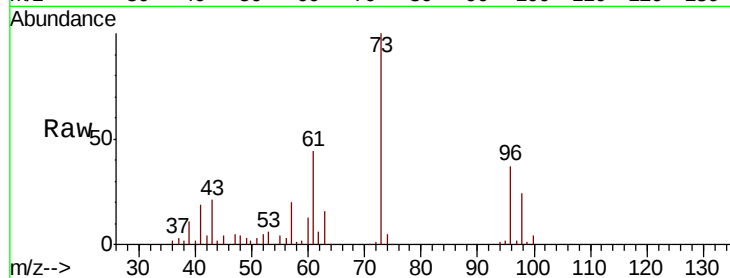




#19
Methvl tert-butvl Ether
Concen: 19.803 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

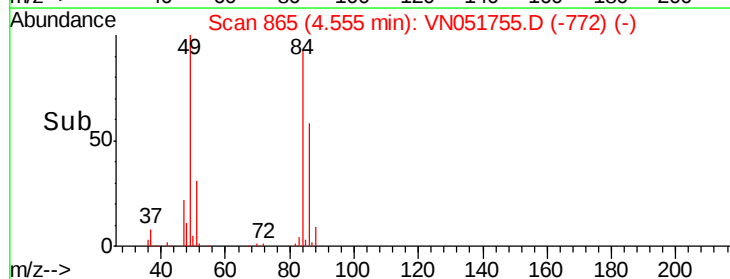
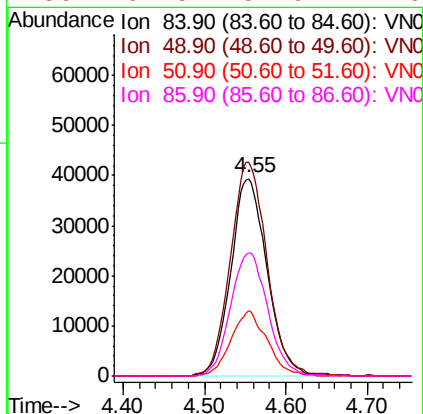
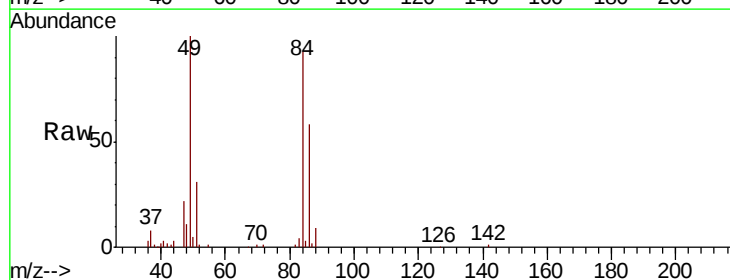
Instrument :
MSVOA_N
ClientSampled :
VN1009MBS01

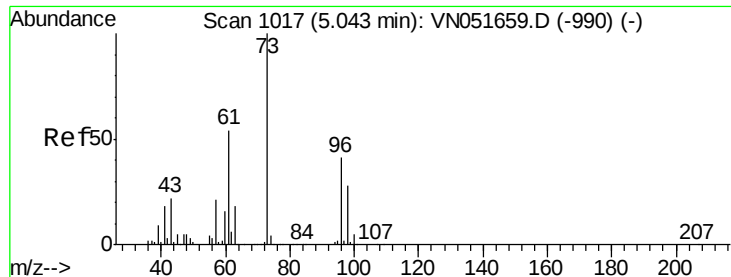
Tot Ion: 73 Resp: 345835
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4



#20
Methylene Chloride
Concen: 19.717 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 84 Resp: 121754
Ion Ratio Lower Upper
84 100
49 108.0 89.5 134.3
51 33.2 27.4 41.0
86 62.5 51.9 77.9





#21

trans-1,2-Dichloroethene

Concen: 19.309 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN1009MBS01

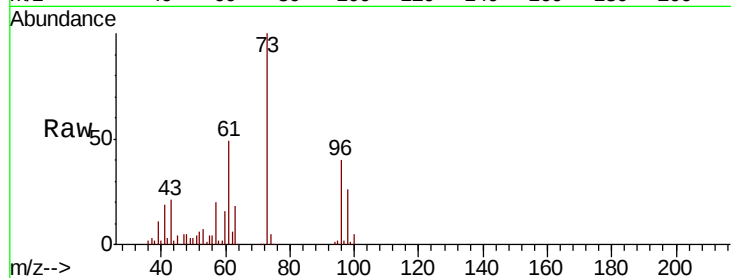
Tot Ion: 96 Resp: 121059

Ion Ratio Lower Upper

96 100

61 122.8 104.7 157.1

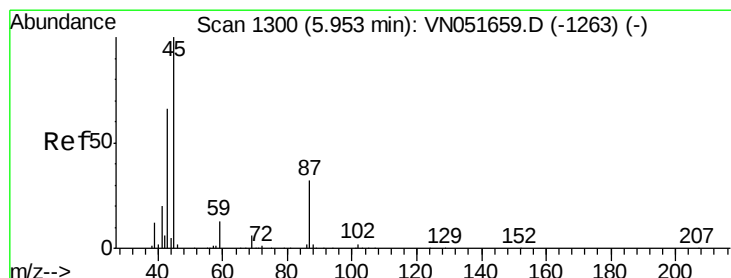
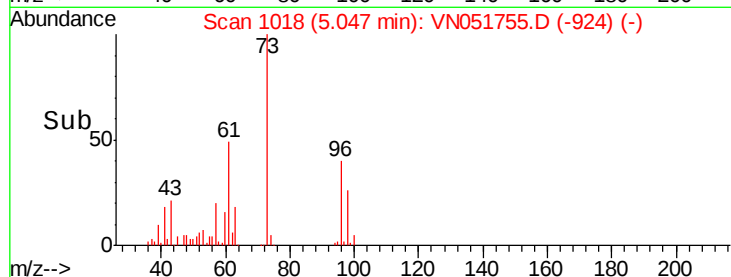
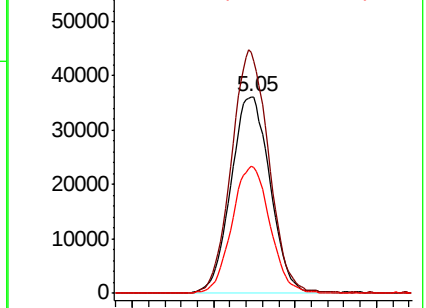
98 64.5 54.6 82.0



Abundance Ion 95.90 (95.60 to 96.60): VN051755.D (-1207) (-)

Ion 60.90 (60.60 to 61.60): VN051755.D (-1207) (-)

Ion 97.90 (97.60 to 98.60): VN051755.D (-1207) (-)



#22

Diisopropyl ether

Concen: 18.720 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Tgt Ion: 45 Resp: 323824

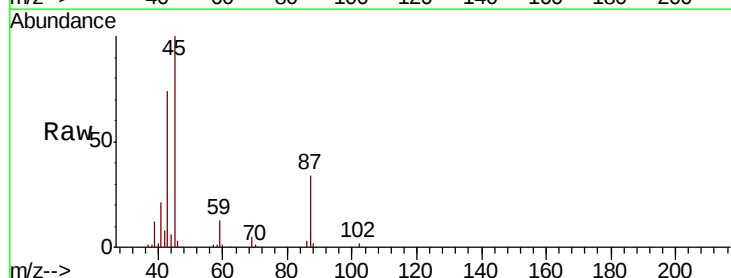
Ion Ratio Lower Upper

45 100

43 70.3 53.0 79.4

87 33.7 26.4 39.6

59 12.8 10.0 15.0

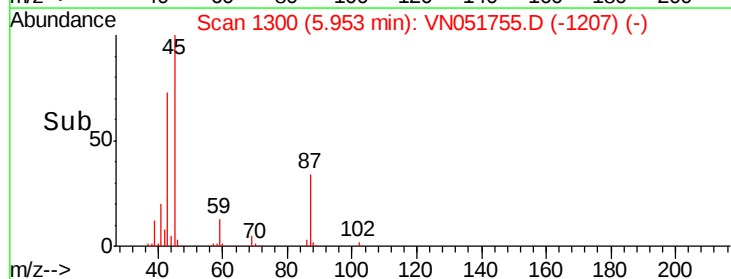
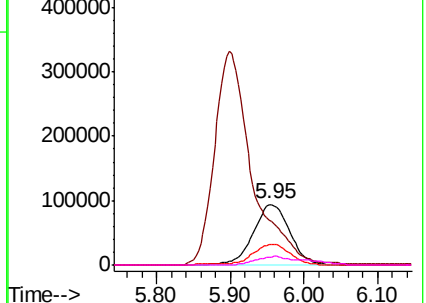


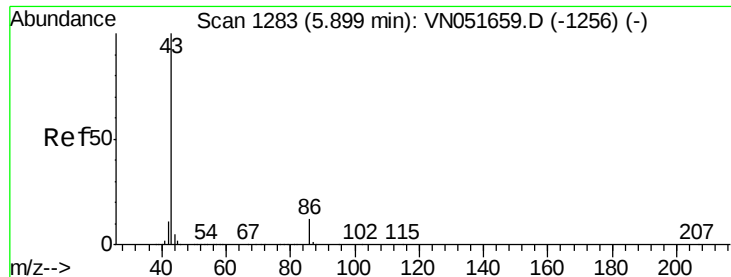
Abundance Ion 45.00 (44.70 to 45.70): VN051755.D (-1207) (-)

Ion 43.00 (42.70 to 43.70): VN051755.D (-1207) (-)

Ion 87.00 (86.70 to 87.70): VN051755.D (-1207) (-)

Ion 59.00 (58.70 to 59.70): VN051755.D (-1207) (-)





#23

Vinyl Acetate

Concen: 92.513 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

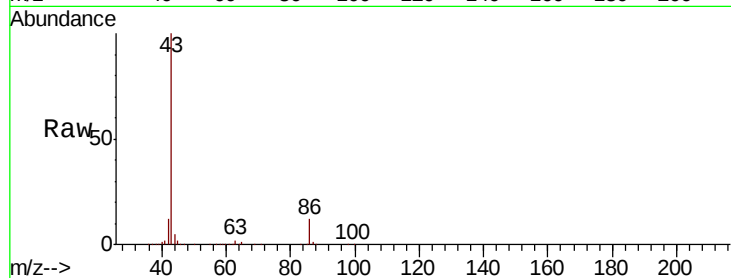
VN1009MBS01

Tot Ion: 43 Resp: 1176672

Ion Ratio Lower Upper

43 100

86 11.6 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN051755.D (-1190) (-)

Ion 86.00 (85.70 to 86.70): VN051755.D (-1190) (-)

5.90

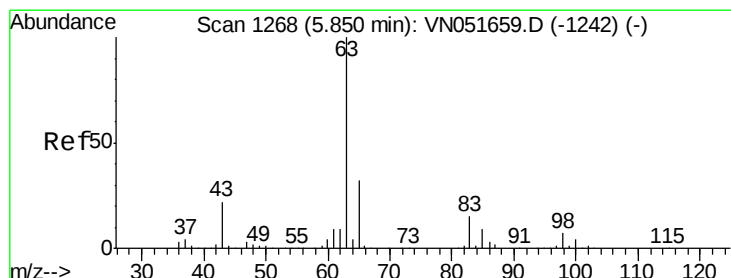
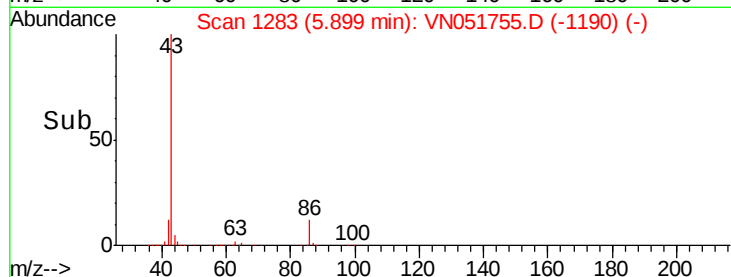
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 18.809 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

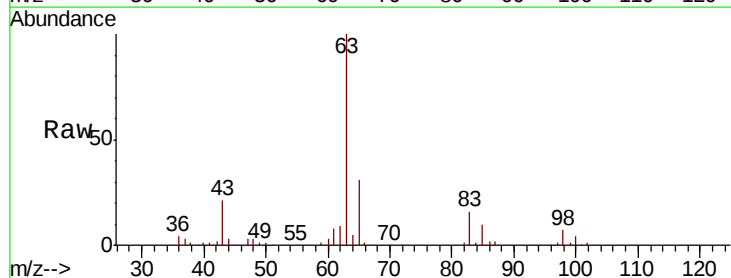
Tgt Ion: 63 Resp: 209250

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.9

100 4.0 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN051755.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN051755.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN051755.D (-1175) (-)

5.85

80000

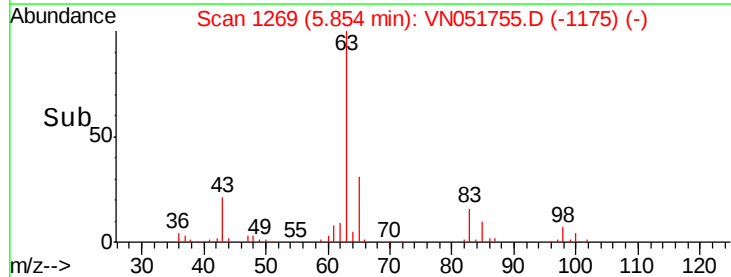
60000

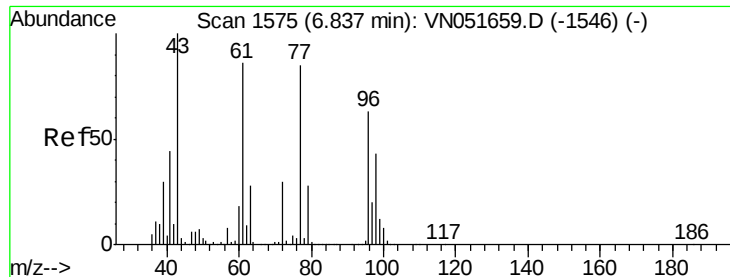
40000

20000

0

Time--> 5.70 5.80 5.90

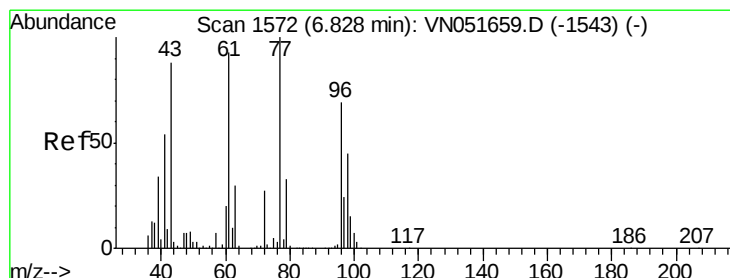
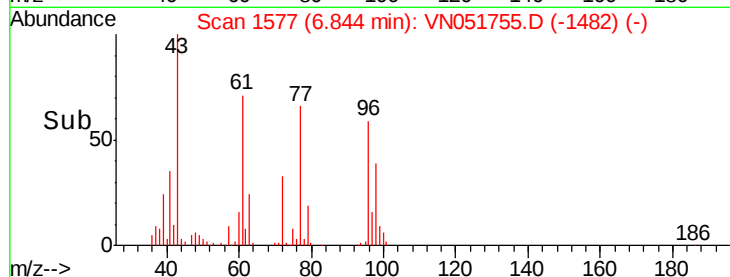
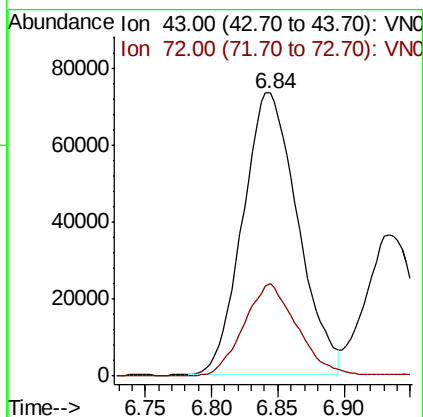
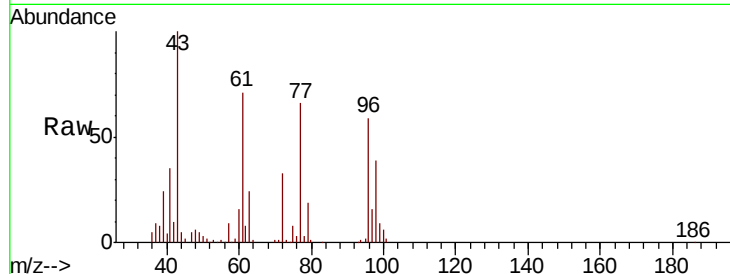




#25
 2-Butanone
 Concen: 97.835 ug/l
 RT: 6.84 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

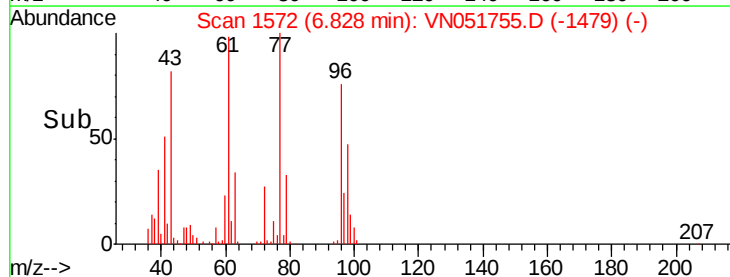
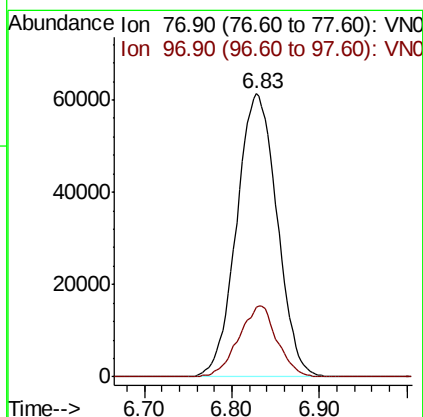
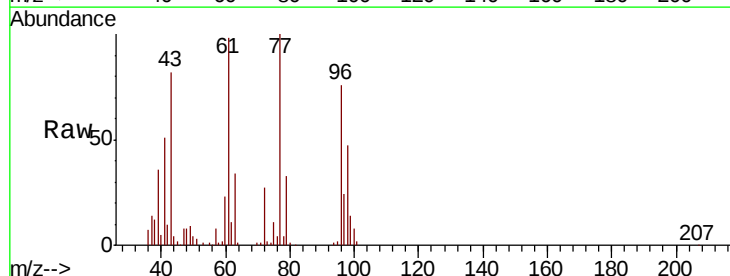
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009MBS01

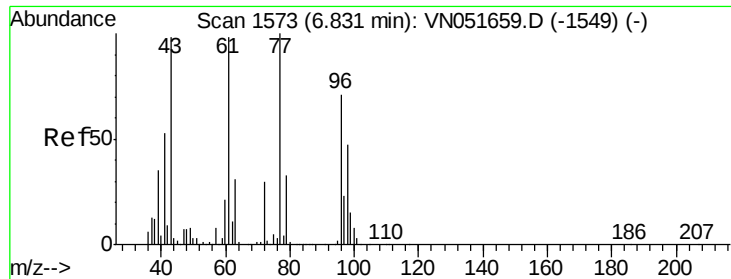
Tot Ion: 43 Resp: 212034
 Ion Ratio Lower Upper
 43 100
 72 32.8 24.2 36.2



#26
 2,2-Dichloropropane
 Concen: 17.640 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

Tgt Ion: 77 Resp: 196666
 Ion Ratio Lower Upper
 77 100
 97 23.8 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.678 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN1009MBS01

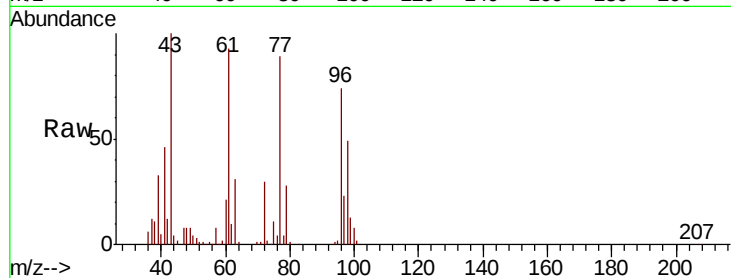
Tot Ion: 96 Resp: 143224

Ion Ratio Lower Upper

96 100

61 129.0 0.0 275.4

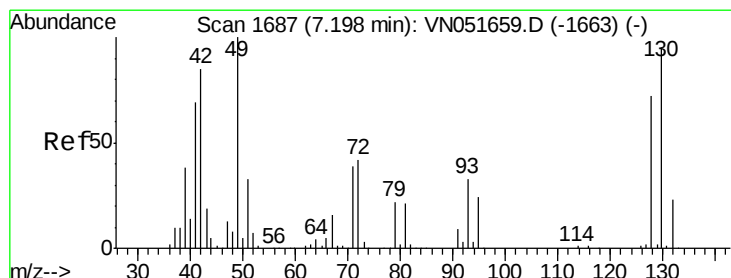
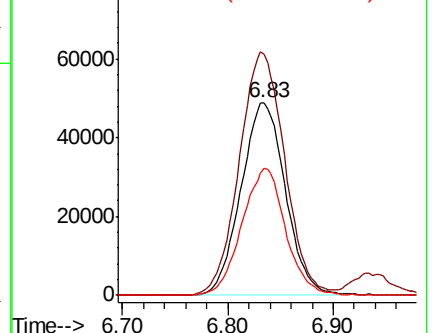
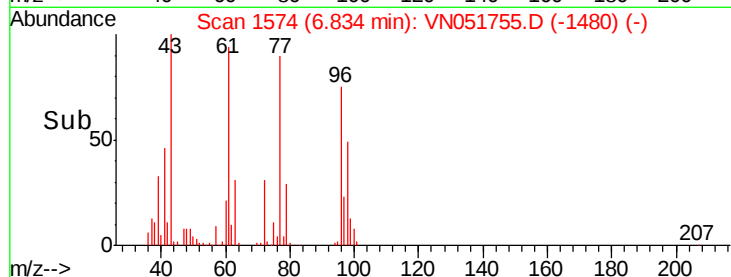
98 64.6 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.753 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

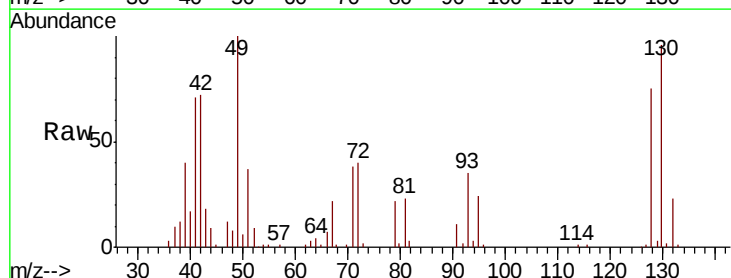
Tgt Ion: 49 Resp: 92363

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

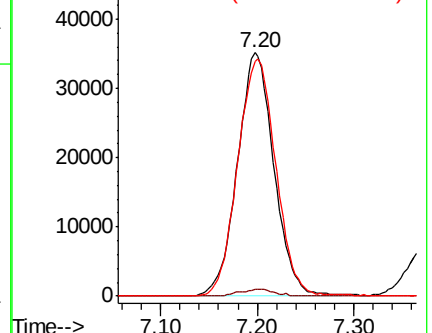
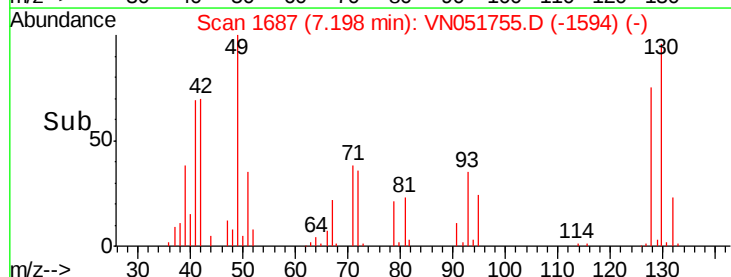
130 101.1 75.7 113.5

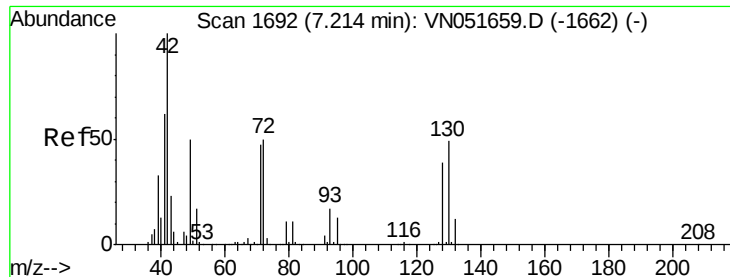


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

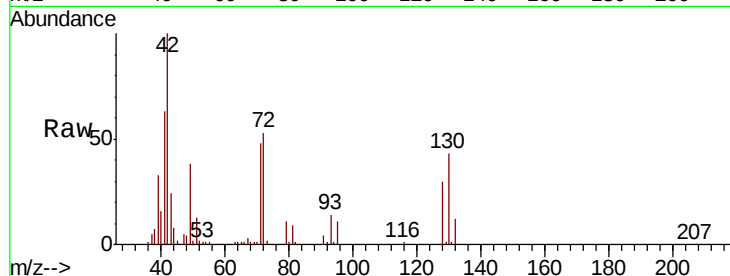




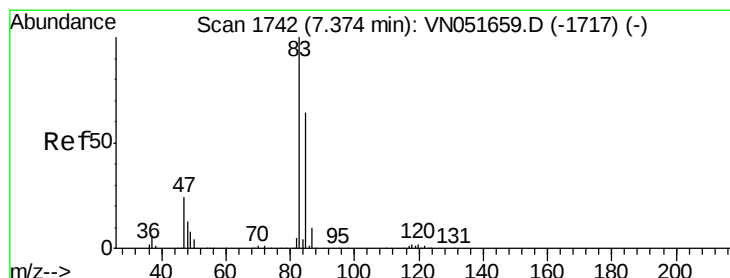
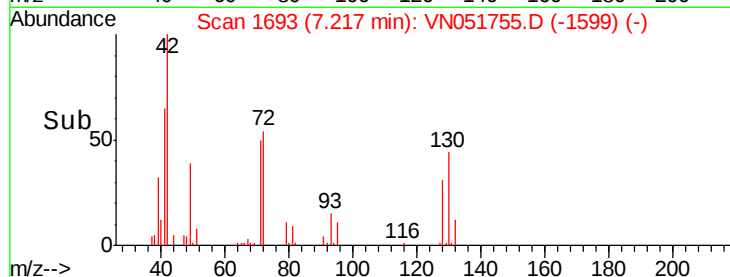
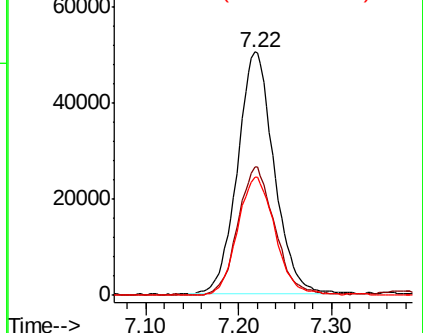
#29
Tetrahydrofuran
Concen: 103.976 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Instrument :
MSVOA_N
ClientSampled :
VN1009MBS01

Tot Ion: 42 Resp: 138287
Ion Ratio Lower Upper
42 100
72 53.6 40.1 60.1
71 50.2 38.0 57.0

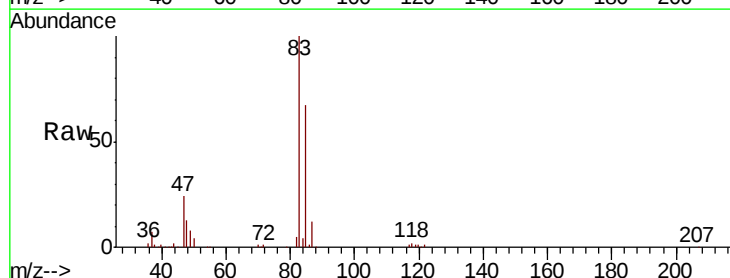


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

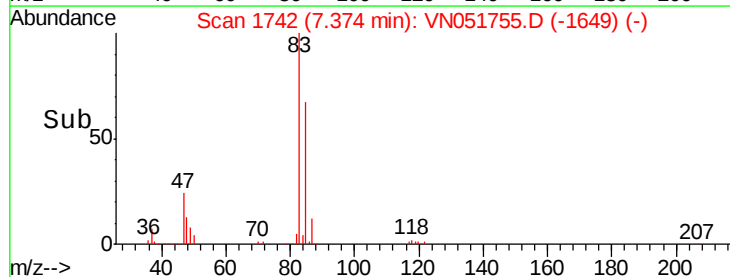
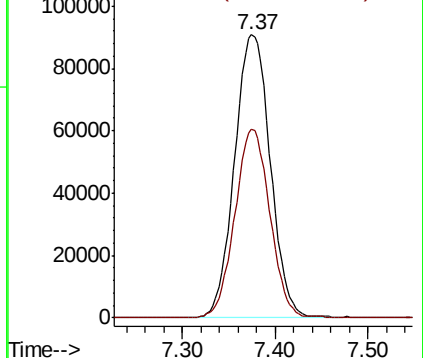


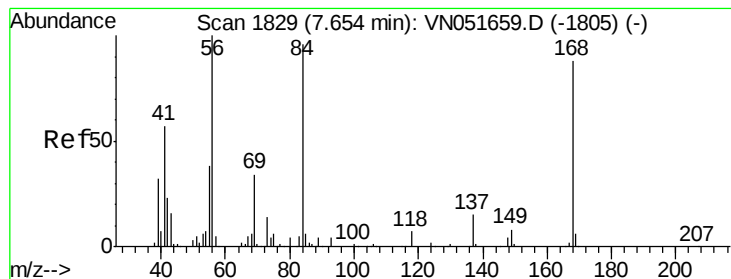
#30
Chloroform
Concen: 19.455 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 83 Resp: 243185
Ion Ratio Lower Upper
83 100
85 66.7 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.806 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN1009MBS01

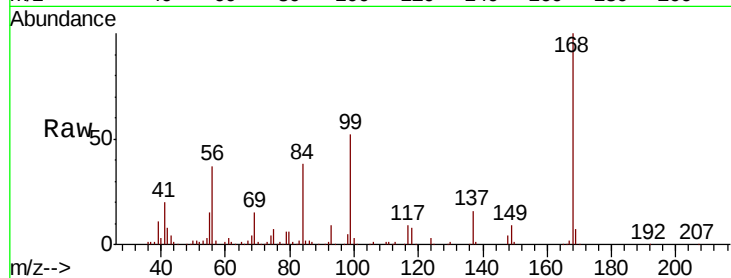
Tot Ion: 56 Resp: 181419

Ion Ratio Lower Upper

56 100

69 39.3 27.5 41.3

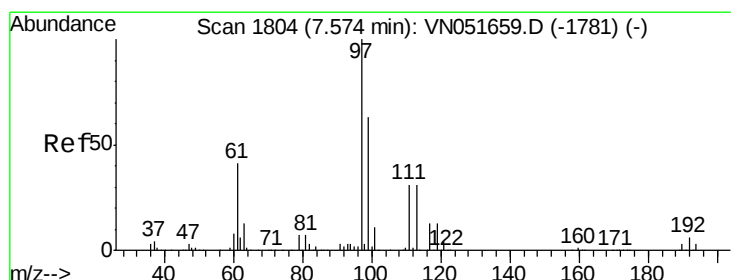
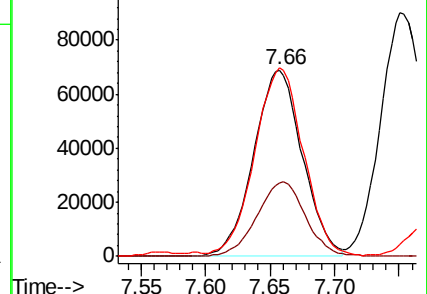
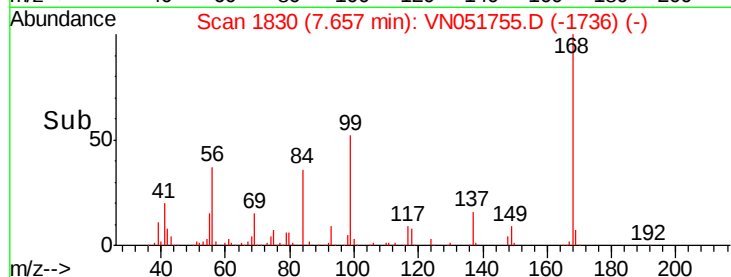
84 98.9 76.7 115.1



Abundance Ion 56.00 (55.70 to 56.70): VN051755.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN051755.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN051755.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 18.692 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

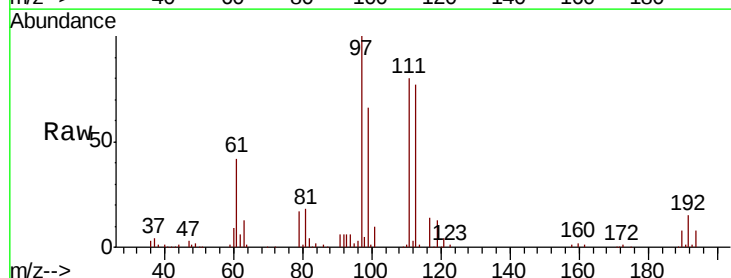
Tgt Ion: 97 Resp: 226466

Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

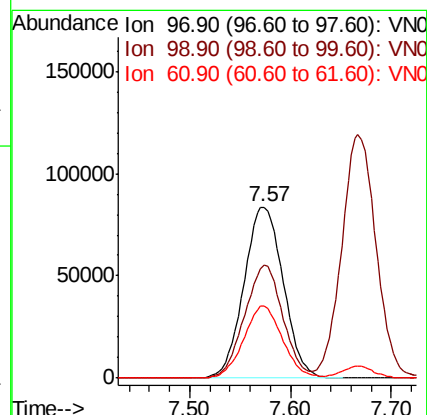
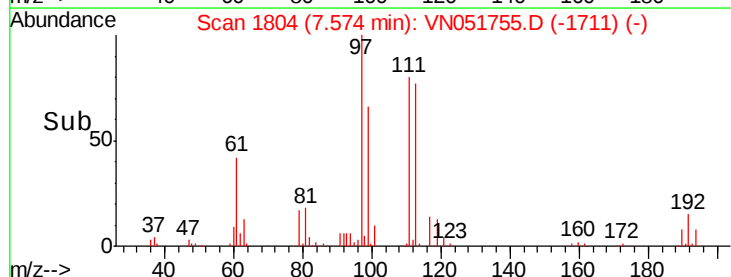
61 41.5 33.4 50.0

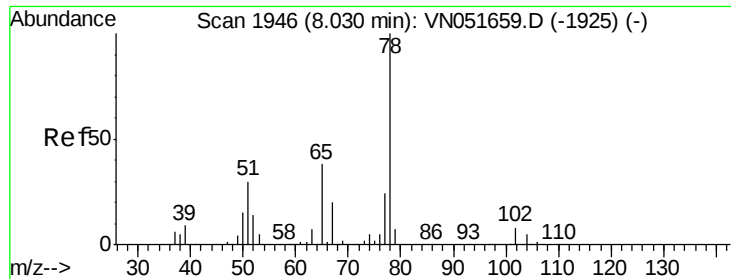


Abundance Ion 96.90 (96.60 to 97.60): VN051755.D (-1711) (-)

Ion 98.90 (98.60 to 99.60): VN051755.D (-1711) (-)

Ion 60.90 (60.60 to 61.60): VN051755.D (-1711) (-)

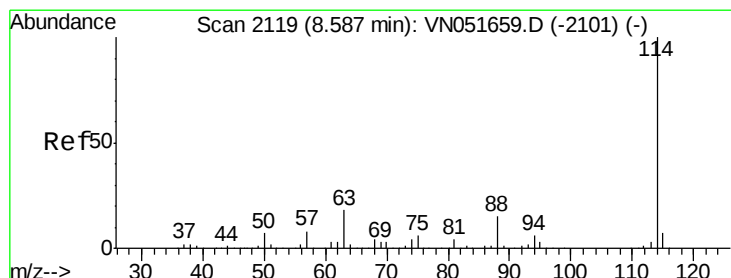
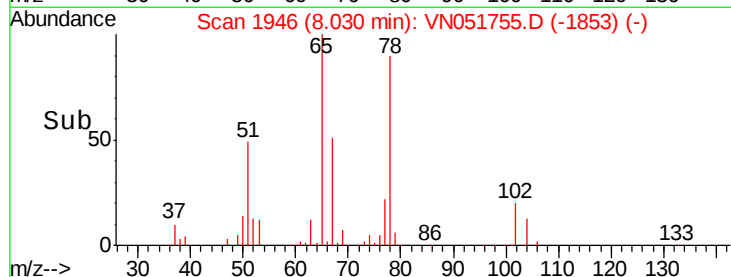
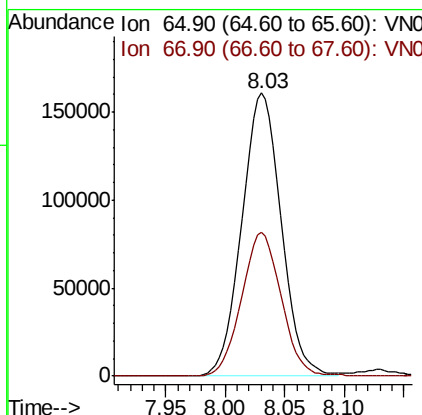
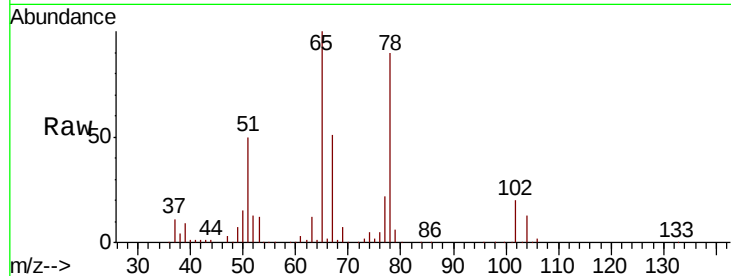




#33
 1,2-Dichloroethane-d4
 Concen: 18.692 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

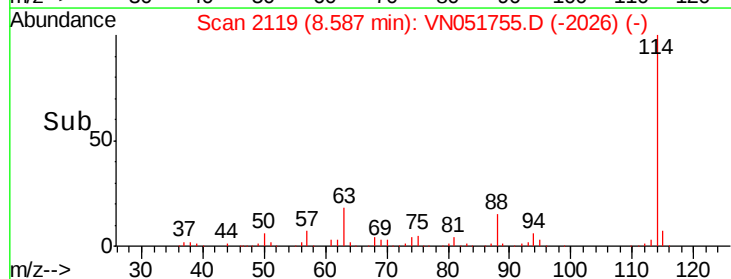
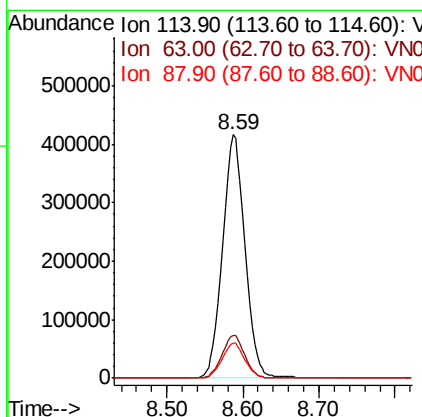
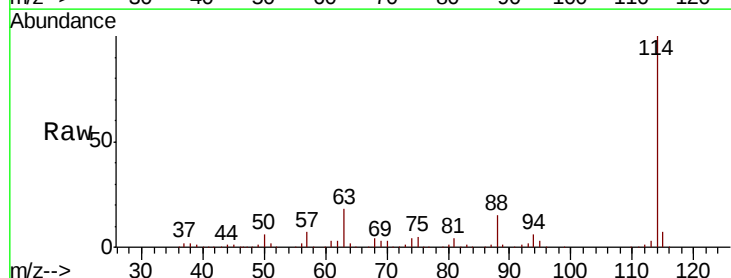
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009MBS01

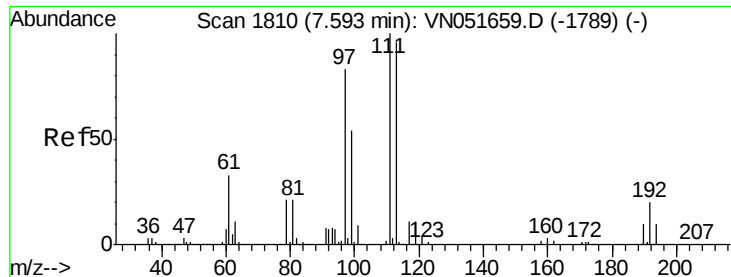
Tot Ion: 65 Resp: 368698
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

Tgt Ion: 114 Resp: 857803
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.2
 88 14.6 0.0 30.2

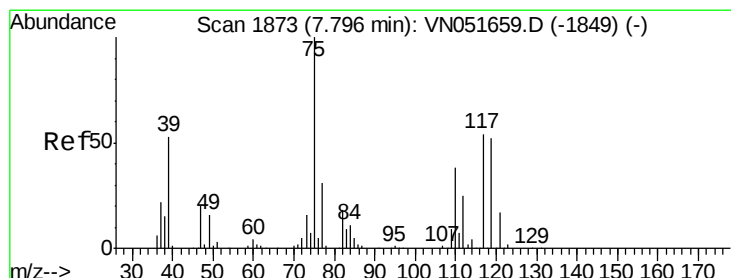
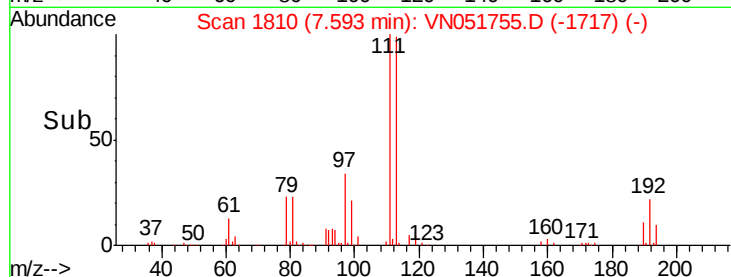
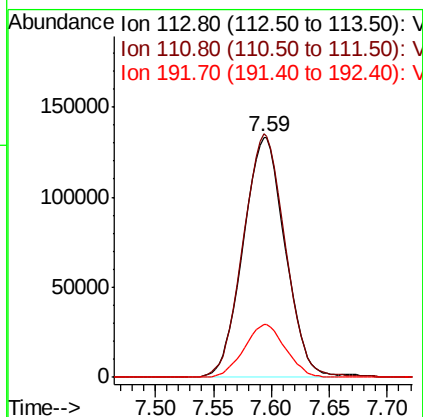
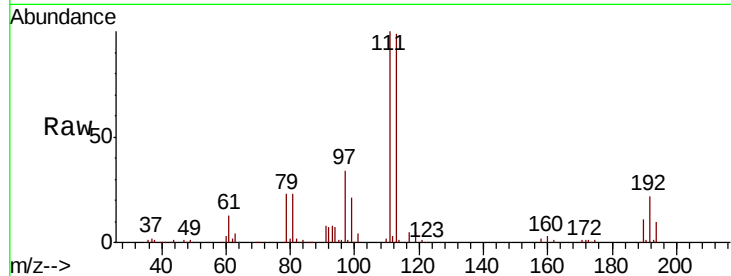




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

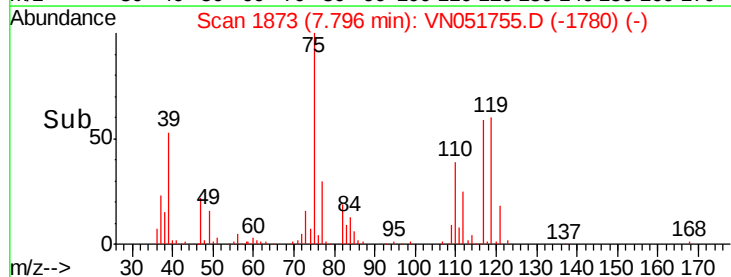
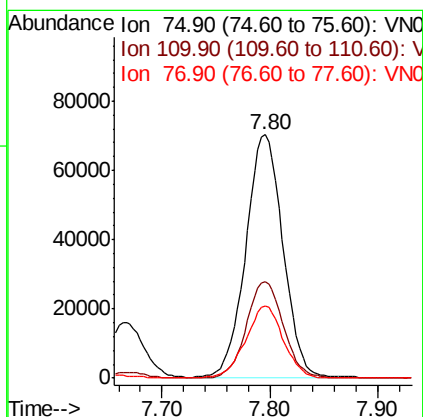
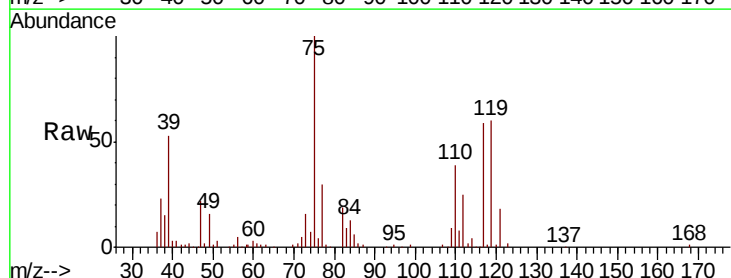
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009MBS01

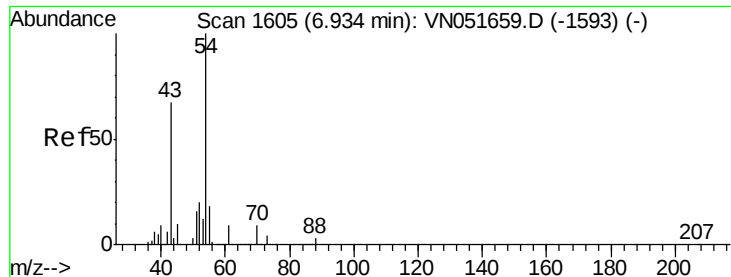
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	21.8	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 18.642 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.9	19.3	57.8
77	30.5	24.7	37.1

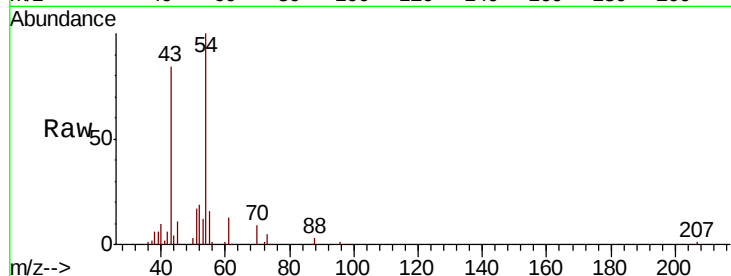




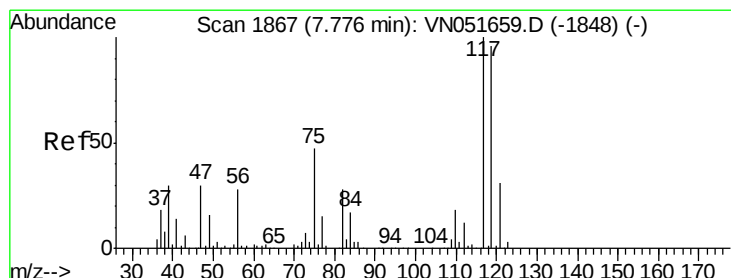
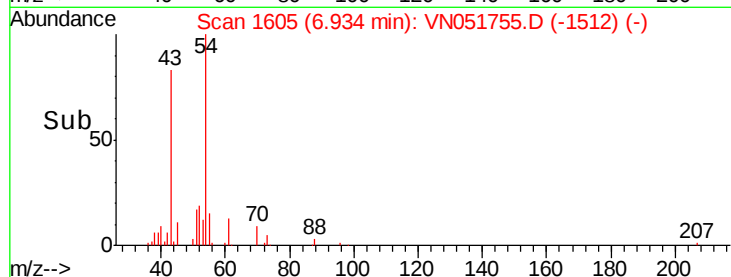
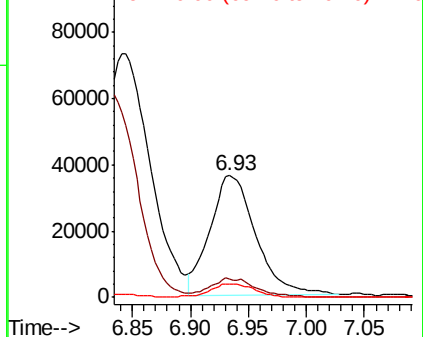
#37
Ethyl Acetate
Concen: 21.387 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN1009MBS01

Tot Ion: 43 Resp: 100014
Ion Ratio Lower Upper
43 100
61 15.9 11.8 17.6
70 11.0 8.7 13.1

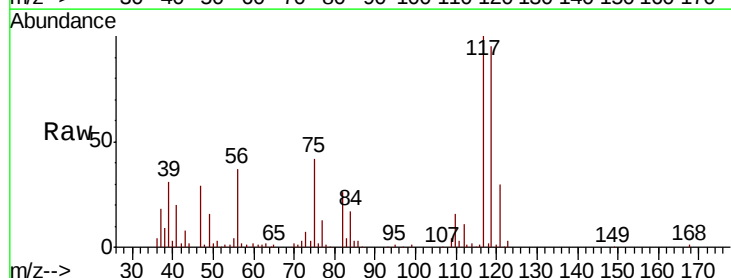


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

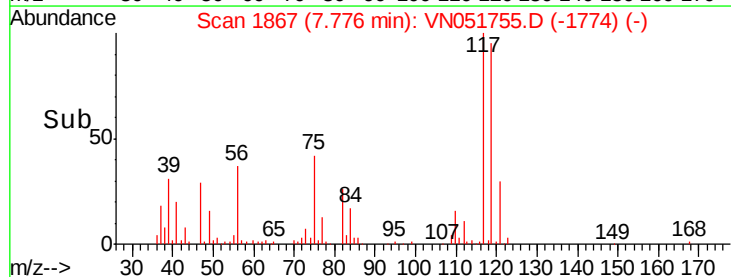
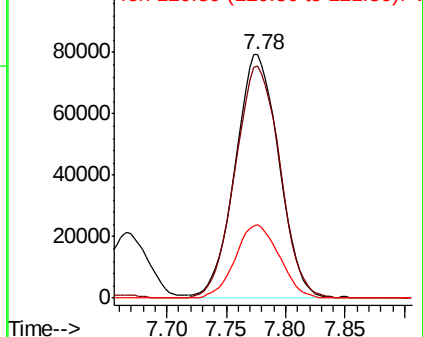


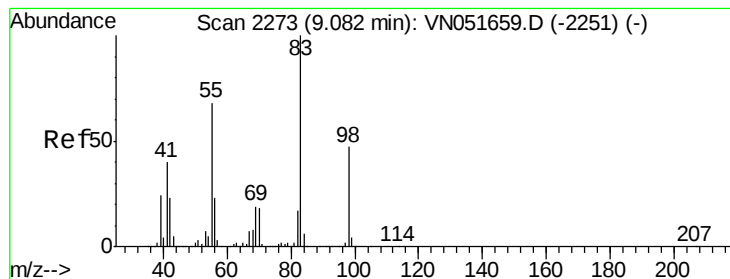
#38
Carbon Tetrachloride
Concen: 18.714 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 117 Resp: 201336
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.6
121 30.0 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methvlcvclohexane

Concen: 18.629 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN1009MBS01

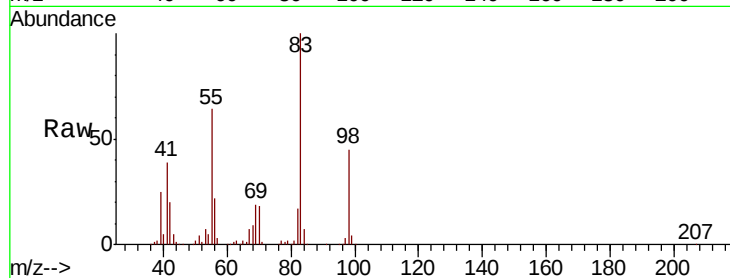
Tot Ion: 83 Resp: 209675

Ion Ratio Lower Upper

83 100

55 63.6 54.3 81.5

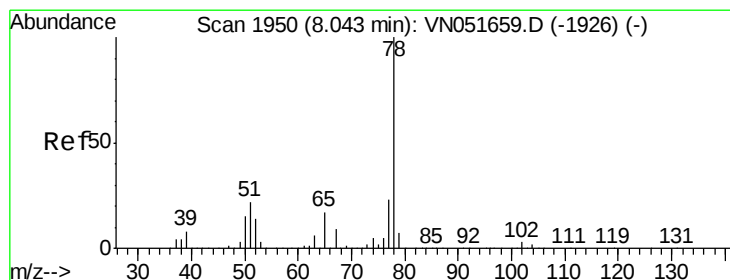
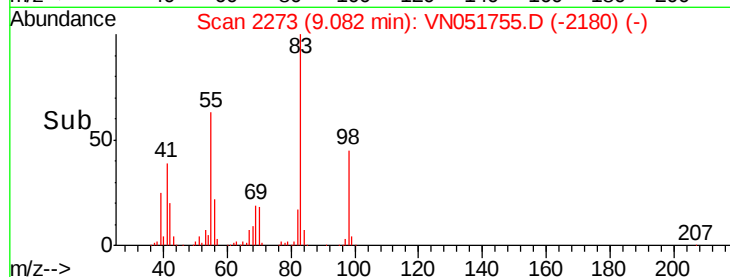
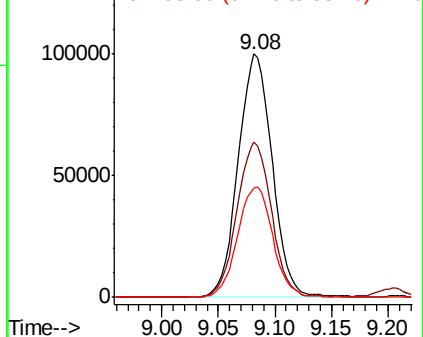
98 44.7 37.4 56.2



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 19.307 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN051755.D

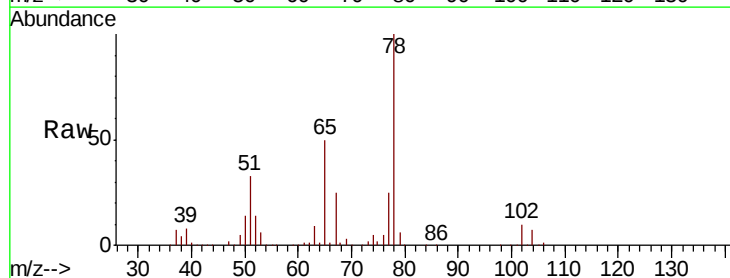
Acq: 9 Oct 2018 18:08

Tgt Ion: 78 Resp: 513171

Ion Ratio Lower Upper

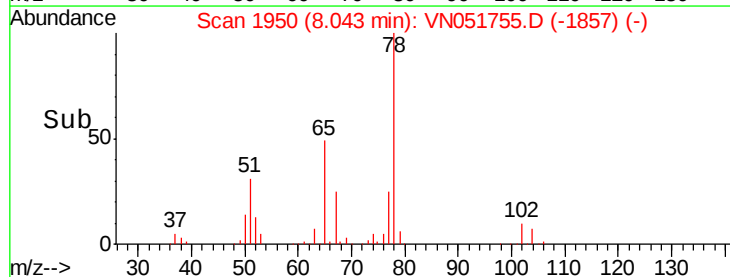
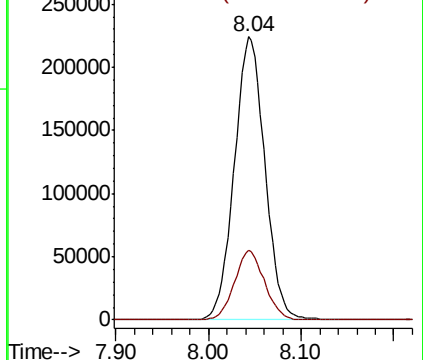
78 100

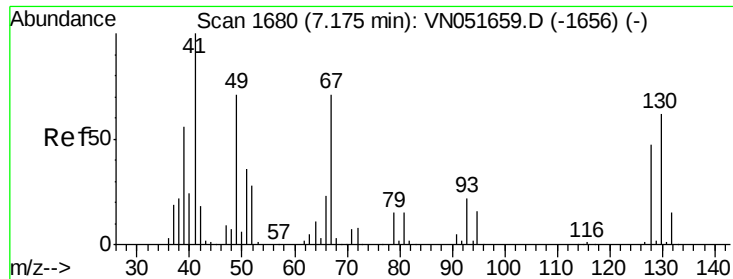
77 24.8 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

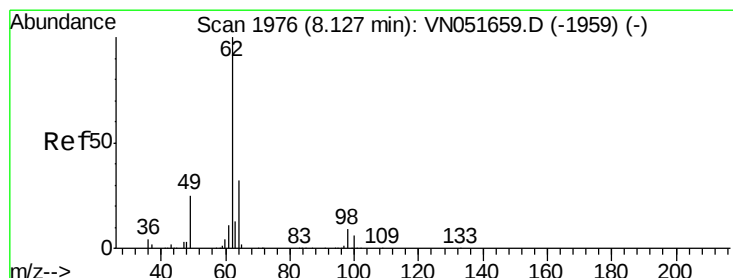
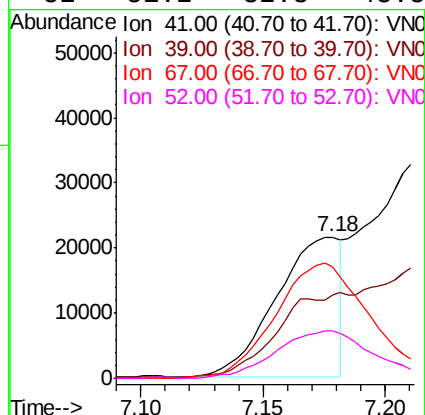
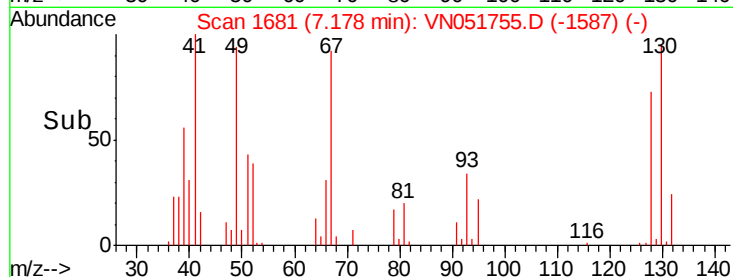
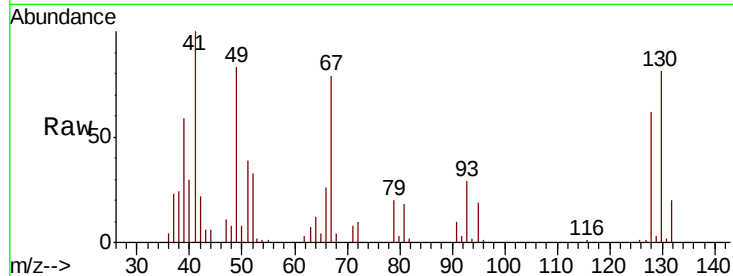




#41
Methacrylonitrile
Concen: 16.141 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

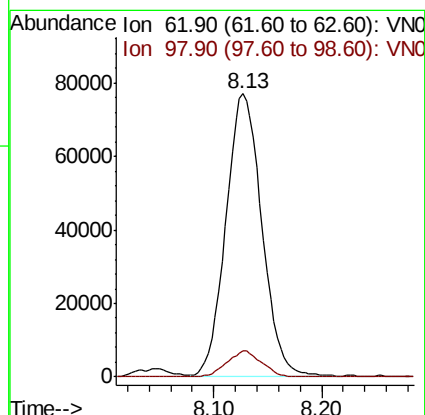
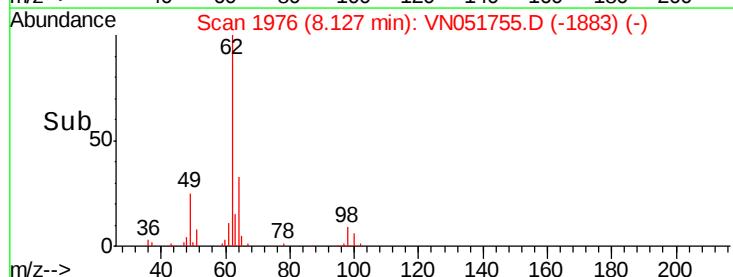
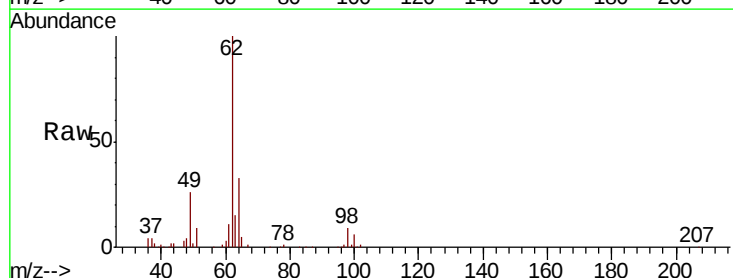
Instrument :
MSVOA_N
ClientSampleId :
VN1009MBS01

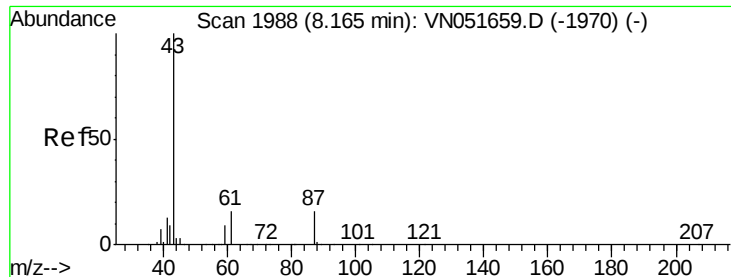
Tot Ion: 41 Resp: 39378
Ion Ratio Lower Upper
41 100
39 41.7 53.9 80.9#
67 121.8 78.1 117.1#
52 51.2 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 19.906 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 62 Resp: 178310
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.4





#43

Isopropyl Acetate

Concen: 19.732 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN1009MBS01

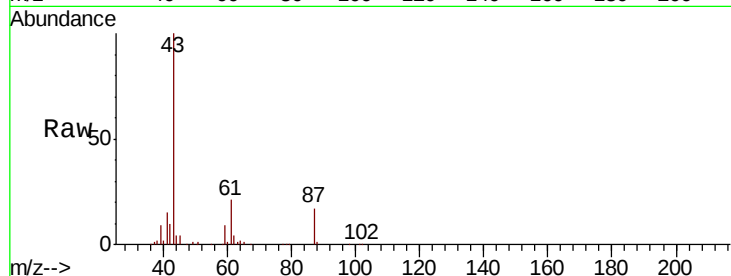
Tot Ion: 43 Resp: 192377

Ion Ratio Lower Upper

43 100

61 20.0 15.8 23.6

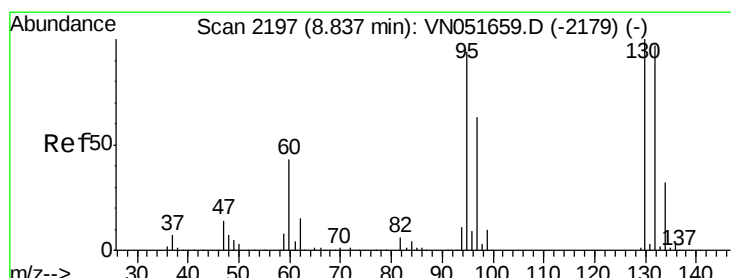
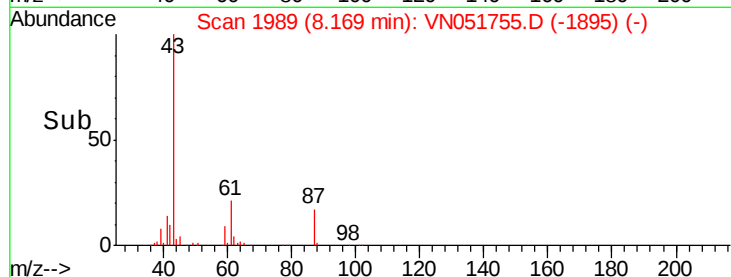
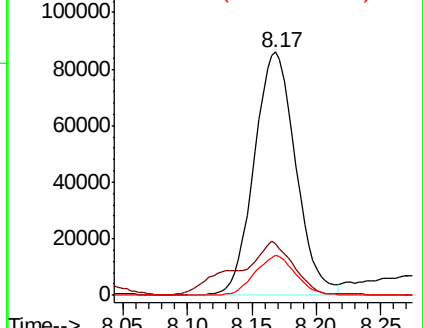
87 16.1 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051659.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051659.D (-1970) (-)



#44

Trichloroethene

Concen: 20.172 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051755.D

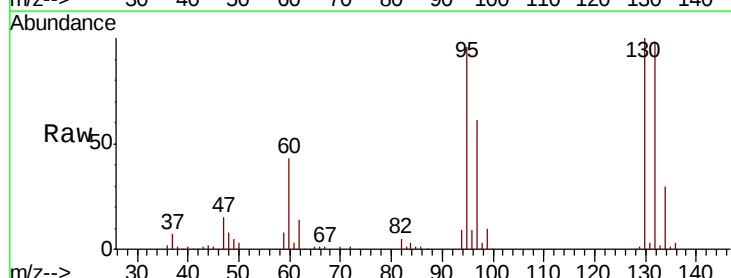
Acq: 9 Oct 2018 18:08

Tgt Ion:130 Resp: 152241

Ion Ratio Lower Upper

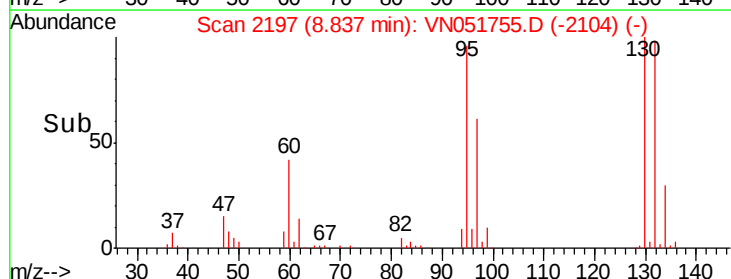
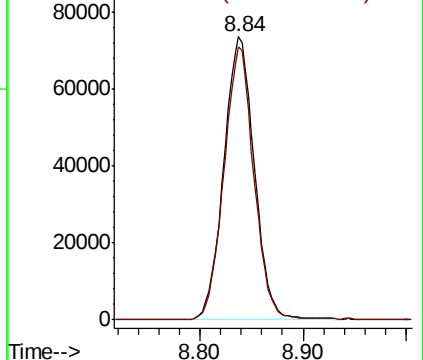
130 100

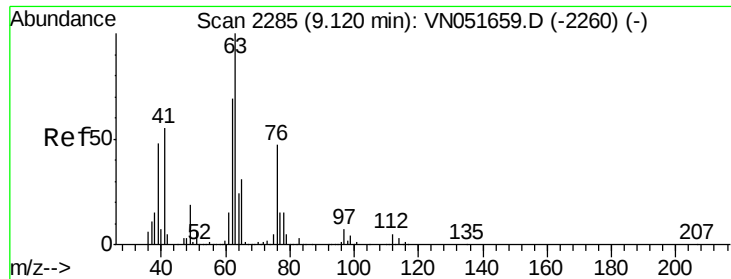
95 96.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN051659.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051659.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 19.221 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

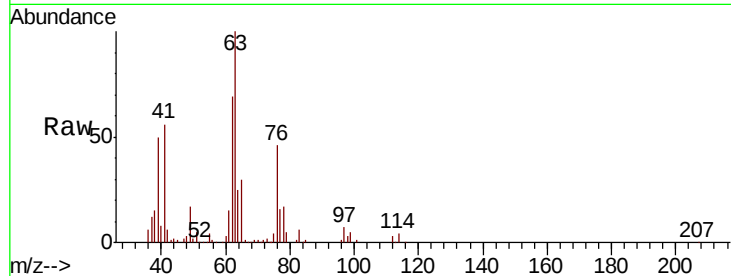
VN1009MBS01

Tot Ion: 63 Resp: 126311

Ion Ratio Lower Upper

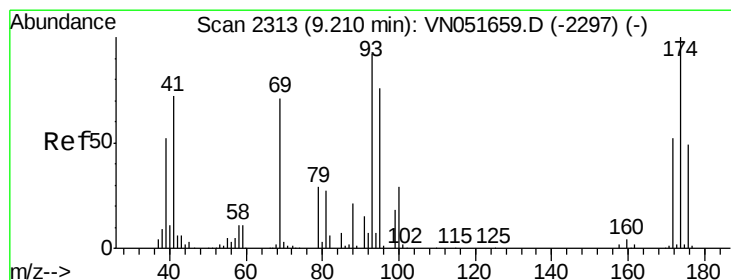
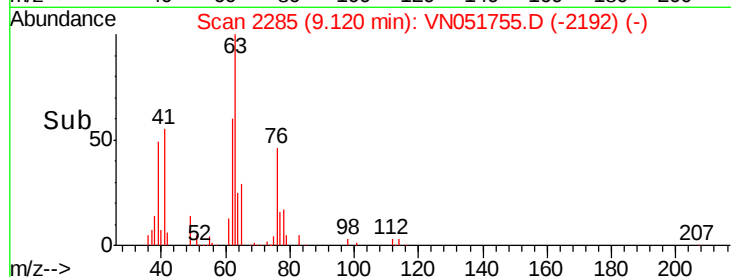
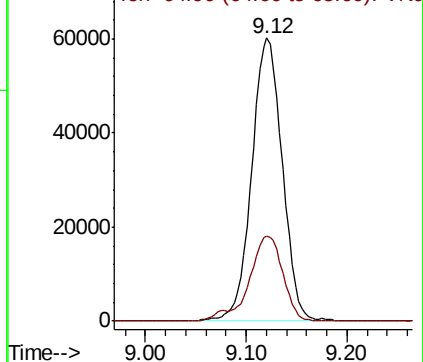
63 100

65 30.0 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.558 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

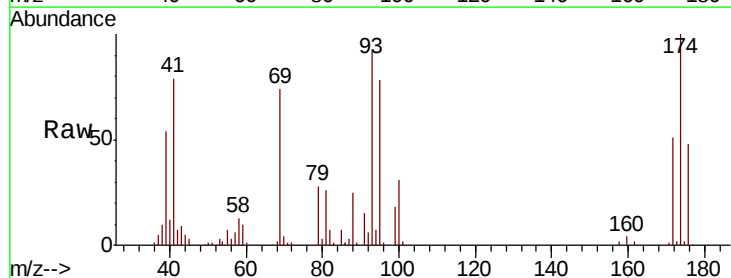
Tgt Ion: 93 Resp: 93904

Ion Ratio Lower Upper

93 100

95 81.1 66.6 100.0

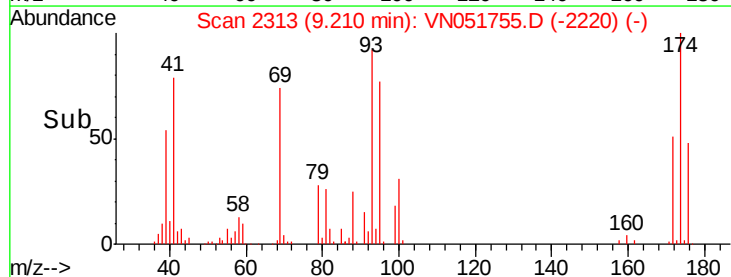
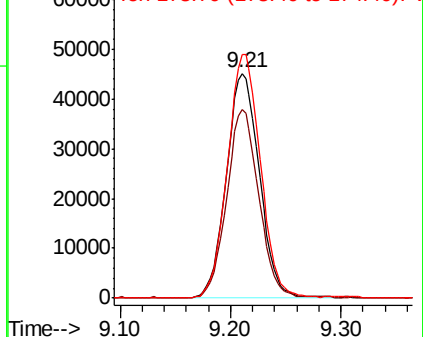
174 108.3 85.9 128.9

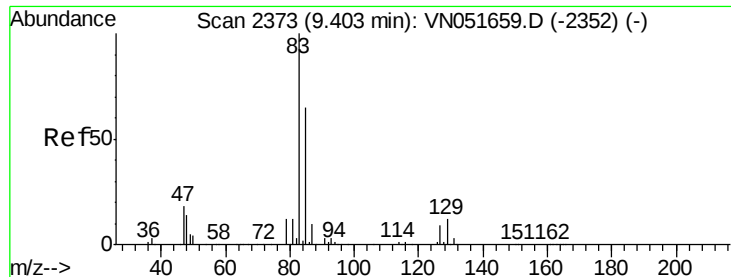


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

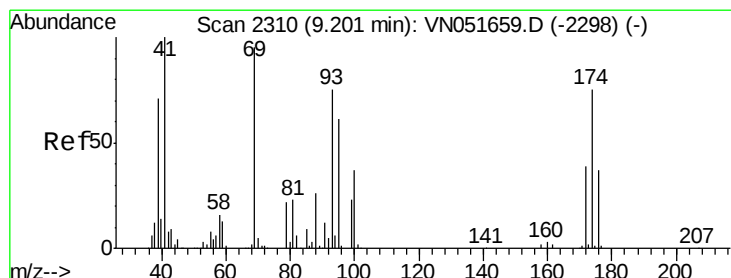
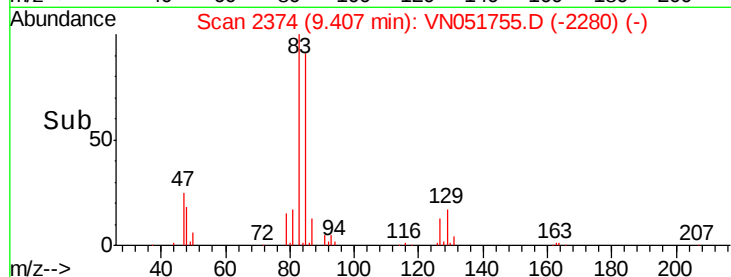
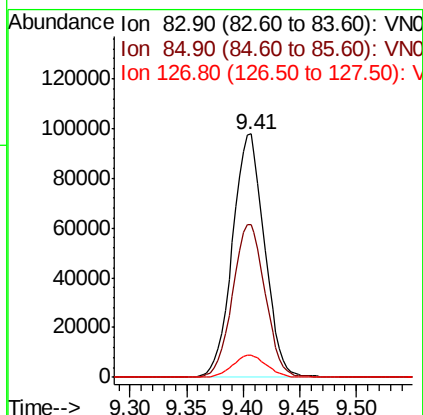
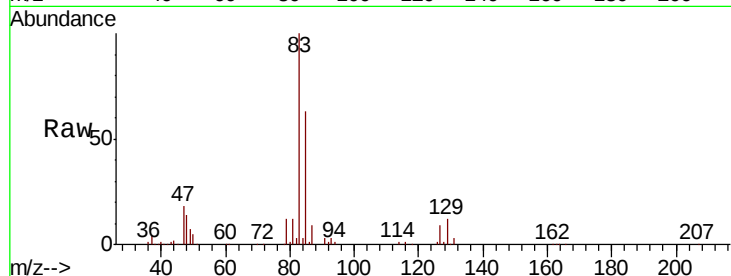




#47
Bromodichloromethane
Concen: 19.175 ug/l
RT: 9.41 min Scan# 2374
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

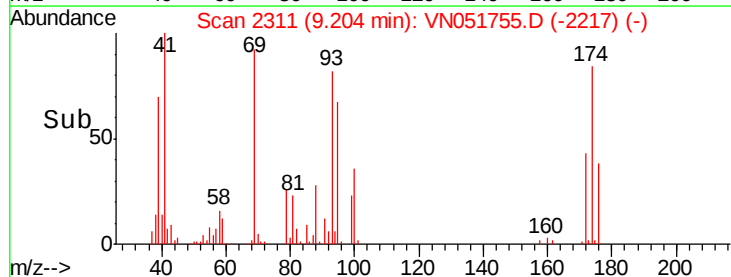
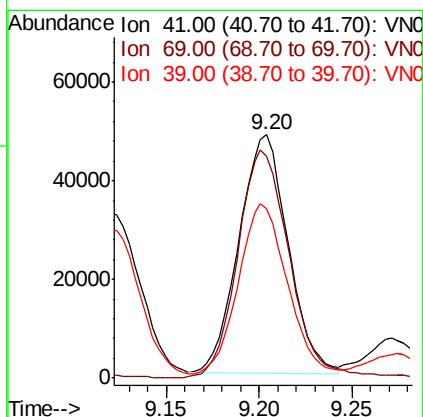
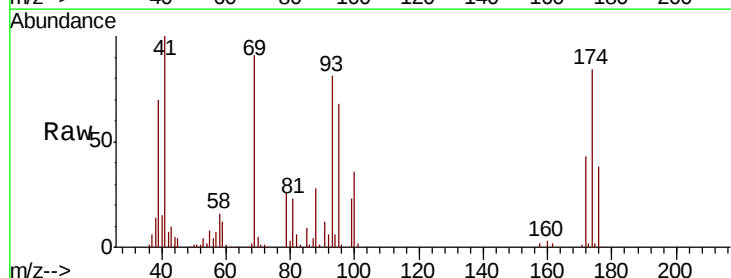
Instrument :
MSVOA_N
ClientSampleId :
VN1009MBS01

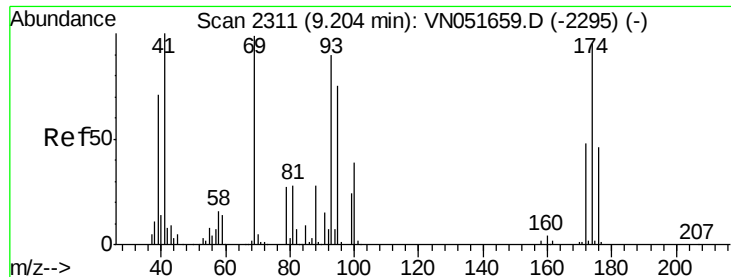
Tot Ion: 83 Resp: 192817
Ion Ratio Lower Upper
83 100
85 62.9 51.6 77.4
127 9.2 7.3 10.9



#48
Methyl methacrylate
Concen: 19.920 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 41 Resp: 88743
Ion Ratio Lower Upper
41 100
69 101.7 78.6 118.0
39 74.0 59.2 88.8

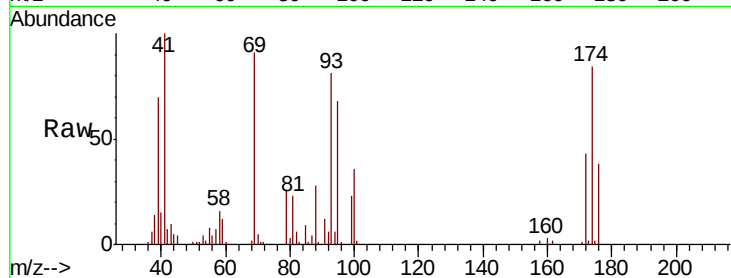




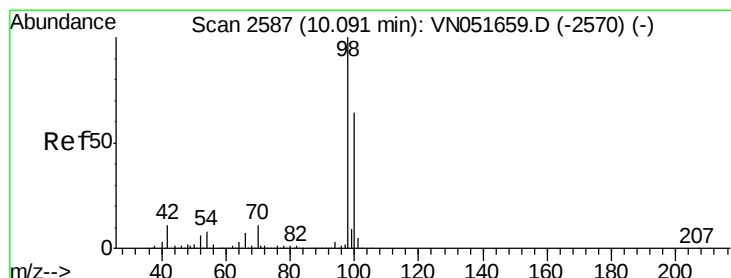
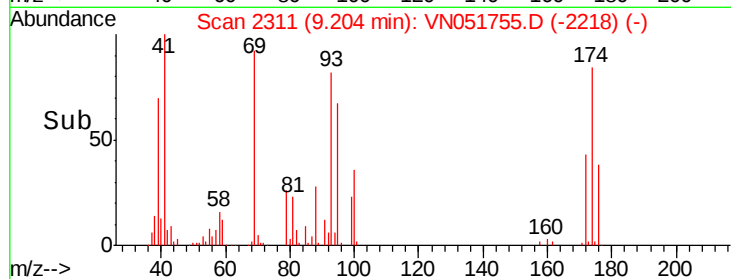
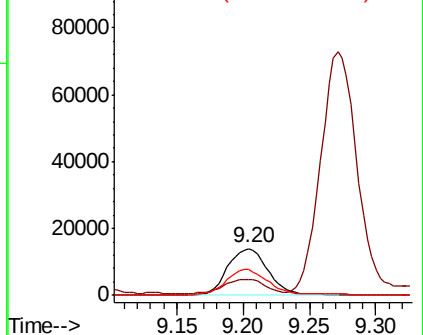
#49
1,4-Dioxane
Concen: 446.135 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN1009MBS01

Tot Ion: 88 Resp: 29803
Ion Ratio Lower Upper
88 100
43 31.4 24.5 36.7
58 56.3 47.6 71.4

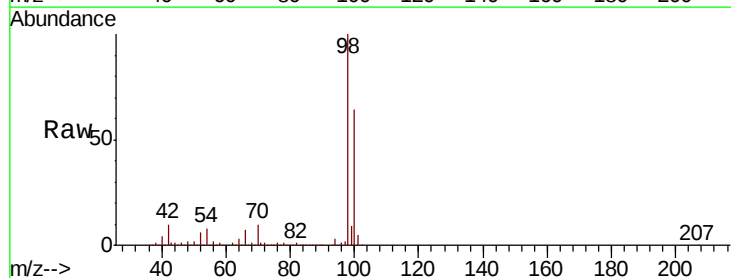


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

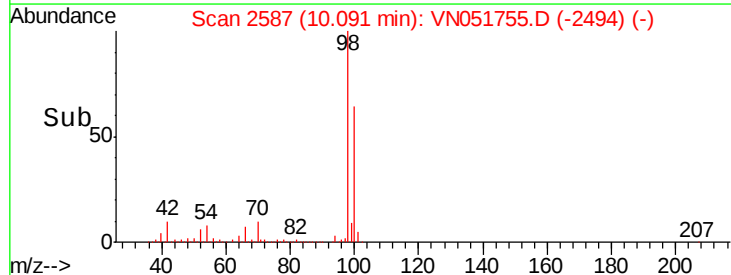
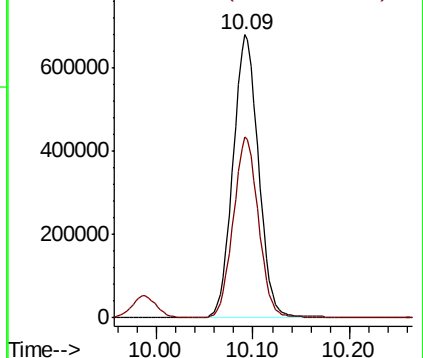


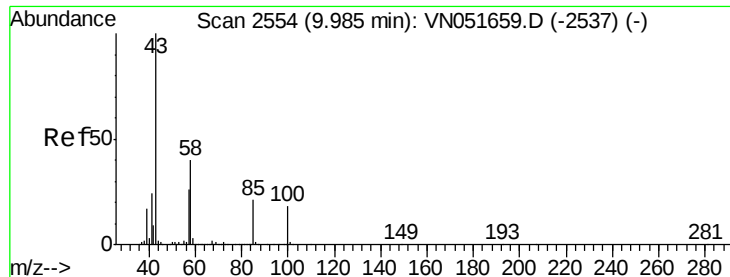
#50
Toluene-d8
Concen: 446.135 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 98 Resp: 1245141
Ion Ratio Lower Upper
98 100
100 63.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 105.745 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

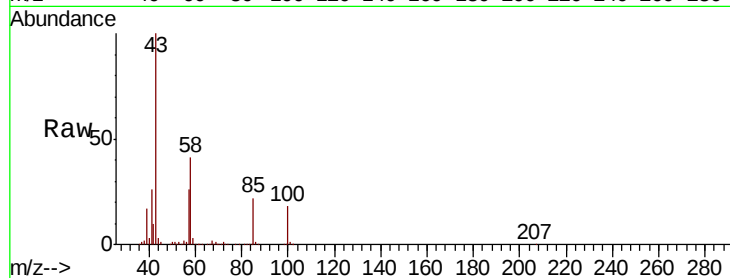
VN1009MBS01

Tot Ion: 43 Resp: 522428

Ion Ratio Lower Upper

43 100

58 40.8 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN051659.D (-2537) (-)

9.99

300000

250000

200000

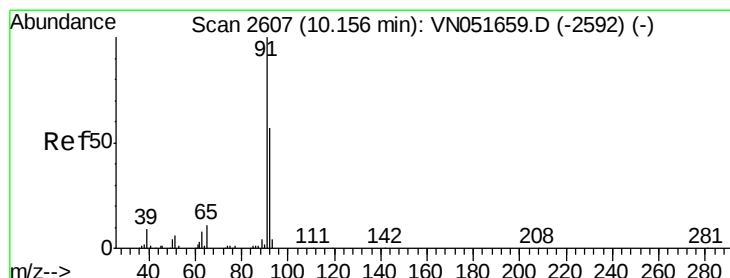
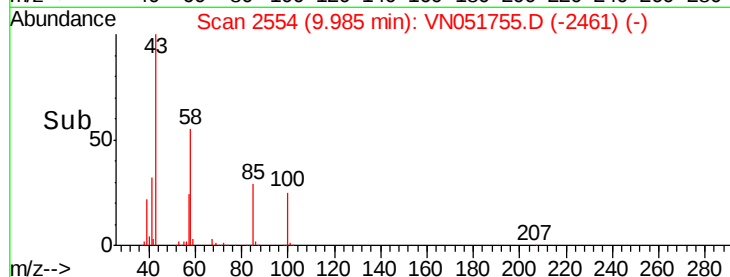
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.183 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051755.D

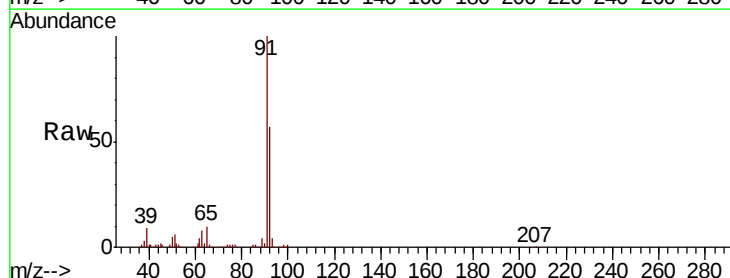
Acq: 9 Oct 2018 18:08

Tgt Ion: 92 Resp: 339128

Ion Ratio Lower Upper

92 100

91 180.3 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN051659.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN051659.D (-2592) (-)

10.16

400000

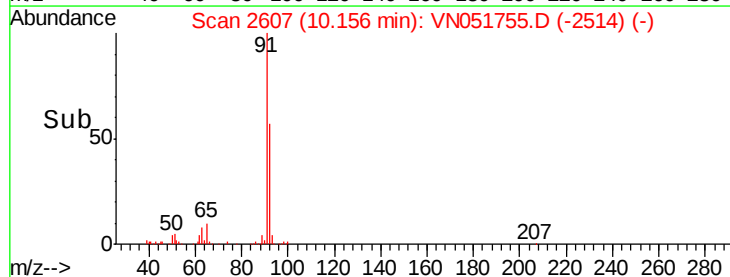
300000

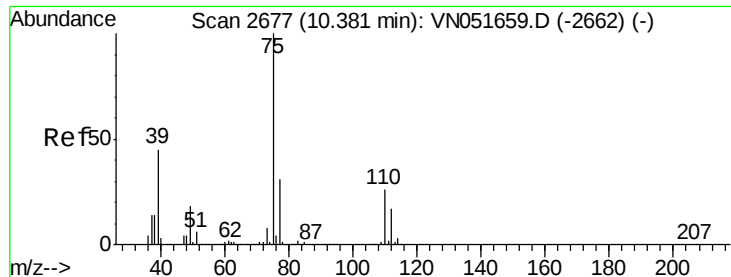
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.863 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

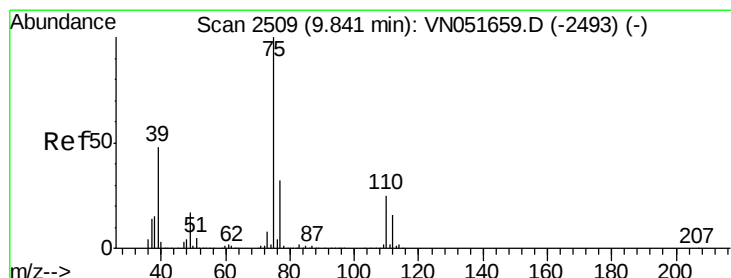
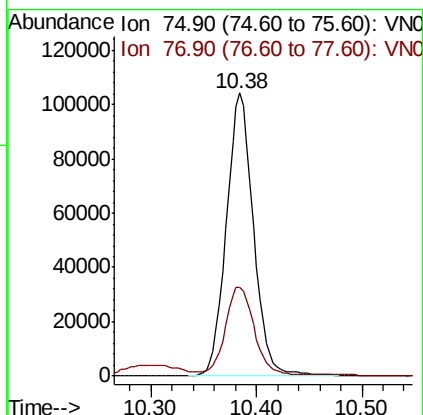
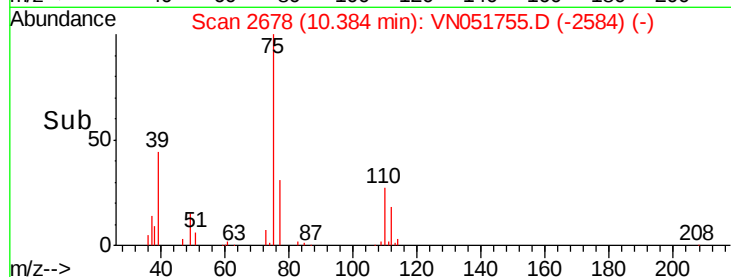
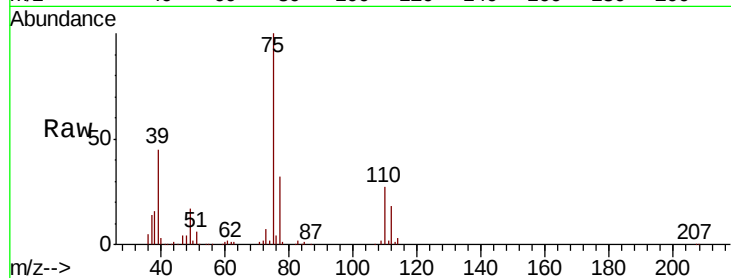
VN1009MBS01

Tot Ion: 75 Resp: 185347

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.371 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

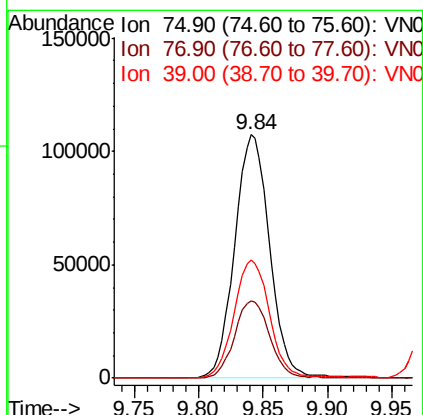
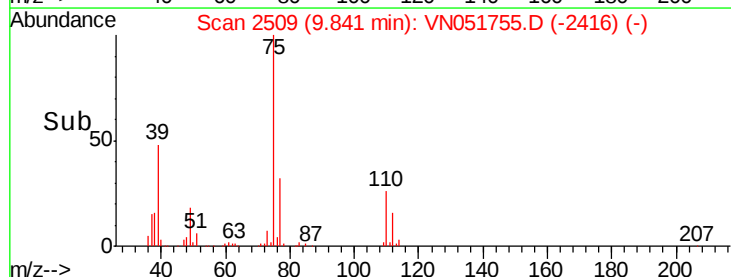
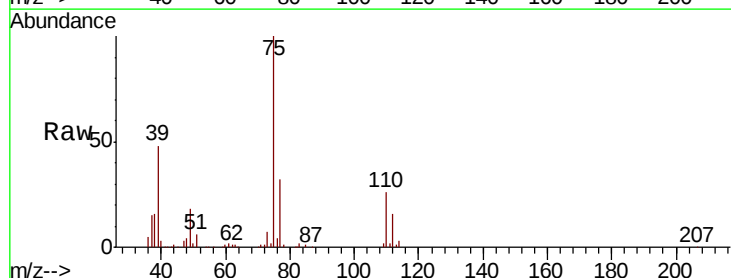
Tgt Ion: 75 Resp: 202416

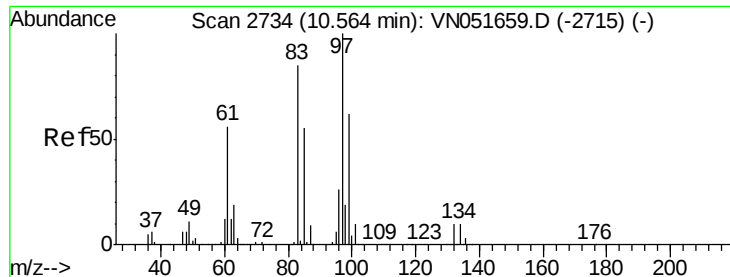
Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5

39 48.3 38.1 57.1



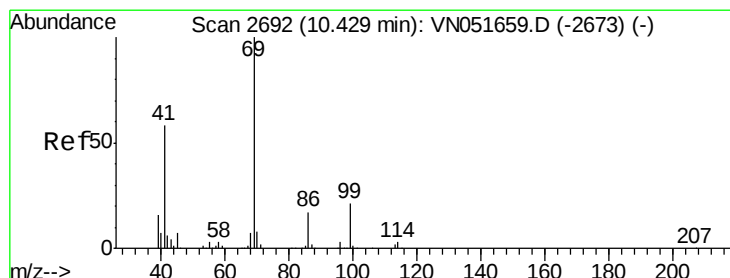
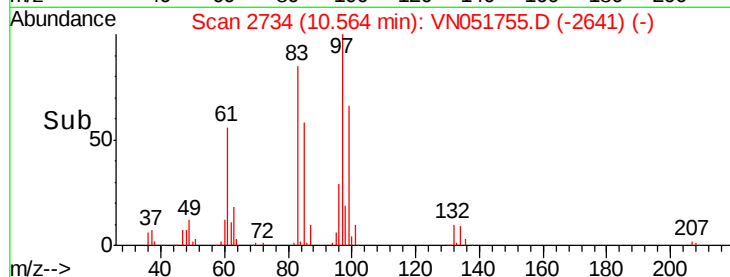
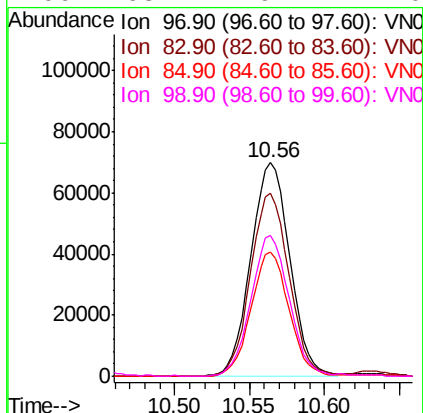
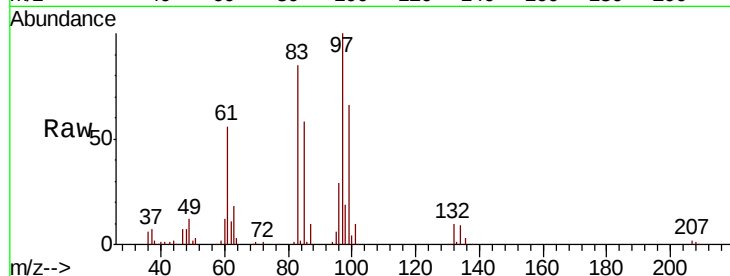


#55
 1,1,2-Trichloroethane
 Concen: 20.190 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

Instrument :
 MSVOA_N
 ClientSampled :
 VN1009MBS01

Tot Ion: 97 Resp: 127150

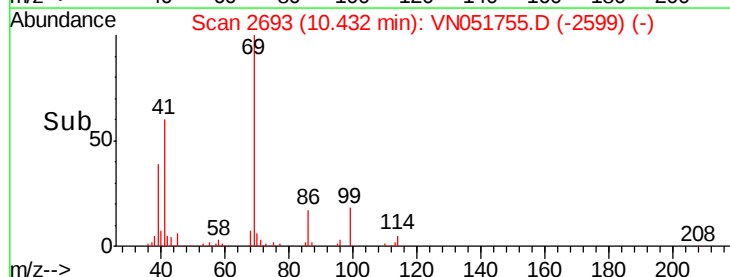
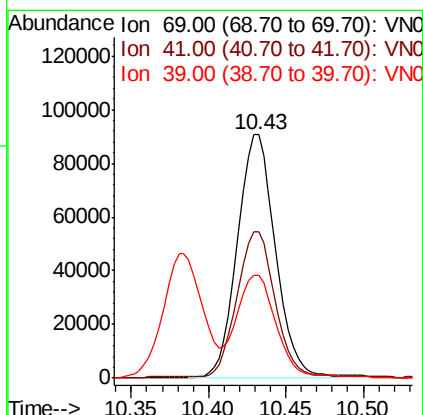
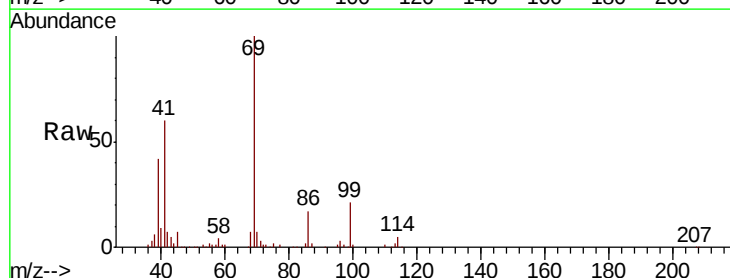
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.1	102.1
85	58.2	43.6	65.4
99	65.7	49.4	74.0

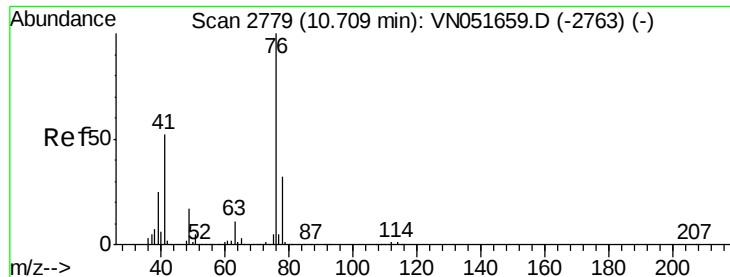


#56
 Ethyl methacrylate
 Concen: 19.552 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

Tgt Ion: 69 Resp: 155716

Ion	Ratio	Lower	Upper
69	100		
41	59.3	46.4	69.6
39	43.7	32.4	48.6

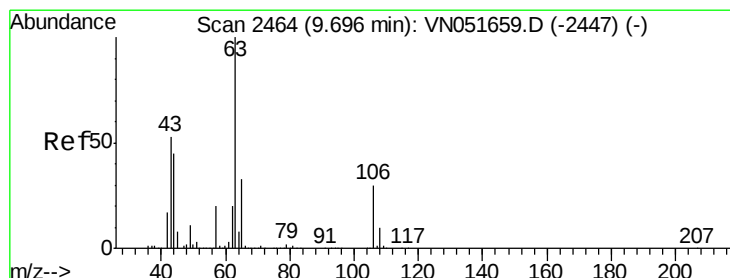
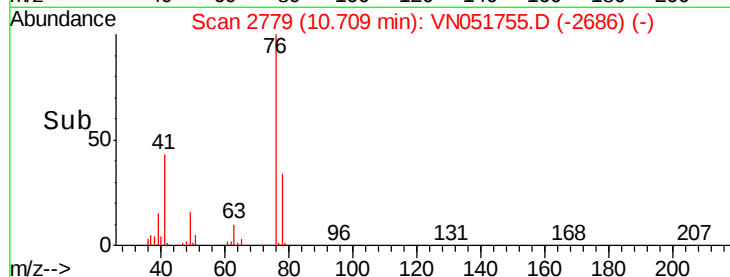
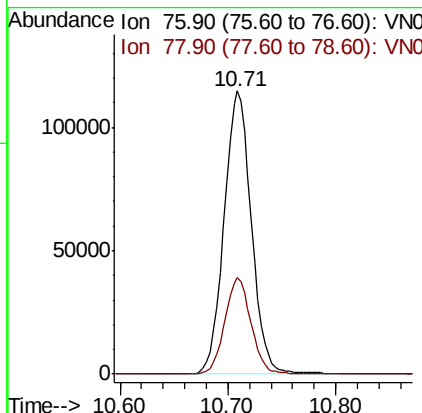
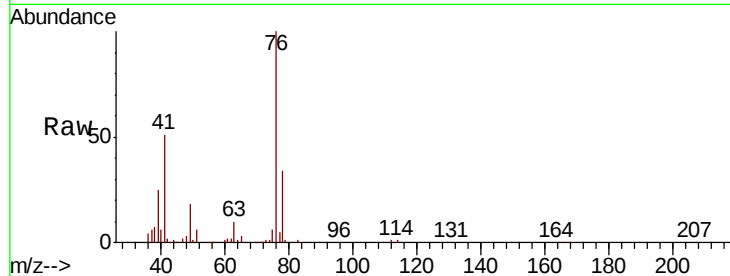




#57
 1,3-Dichloropropane
 Concen: 20.242 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

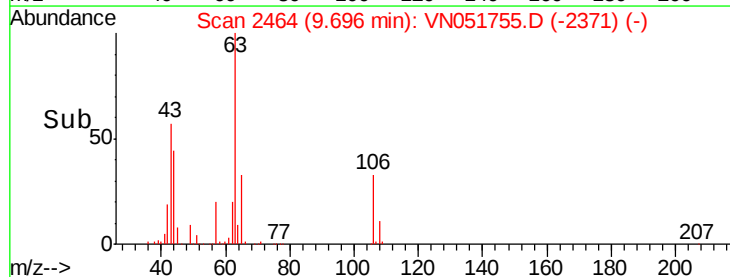
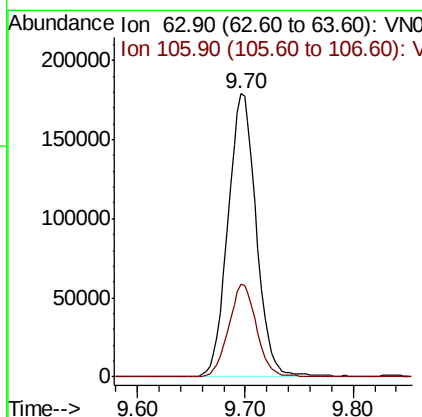
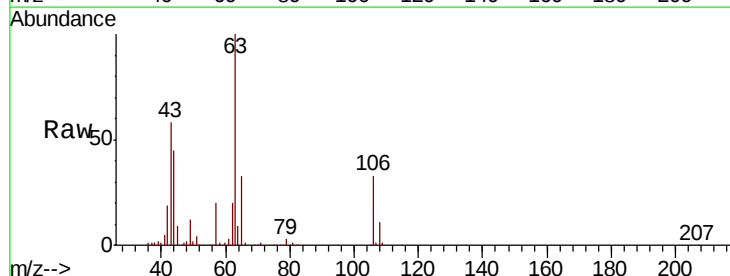
Instrument :
 MSVOA_N
 ClientSampled :
 VN1009MBS01

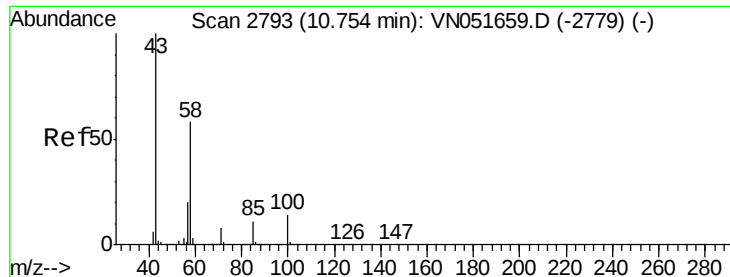
Tot Ion: 76 Resp: 201756
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.618 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

Tgt Ion: 63 Resp: 328346
 Ion Ratio Lower Upper
 63 100
 106 32.3 24.3 36.5

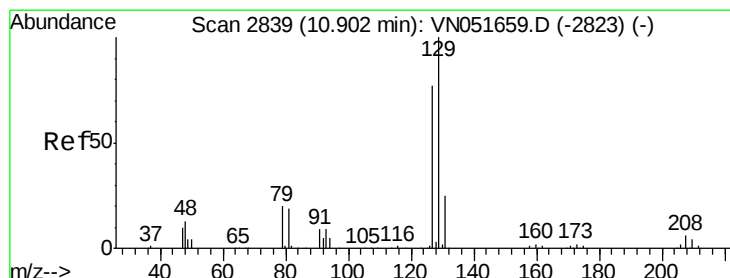
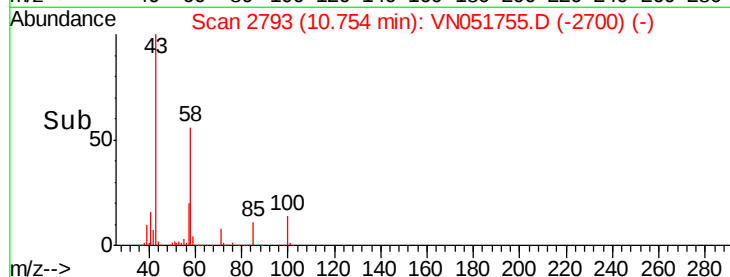
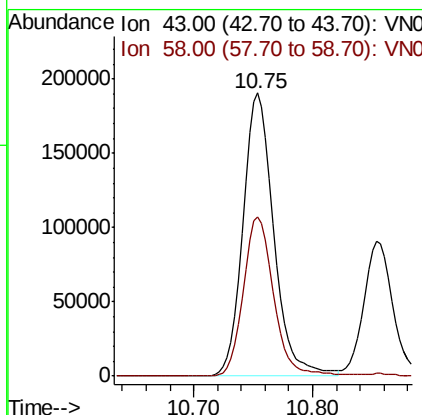
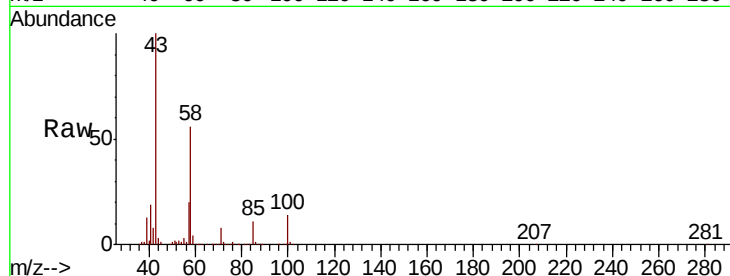




#59
2-Hexanone
Concen: 101.309 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

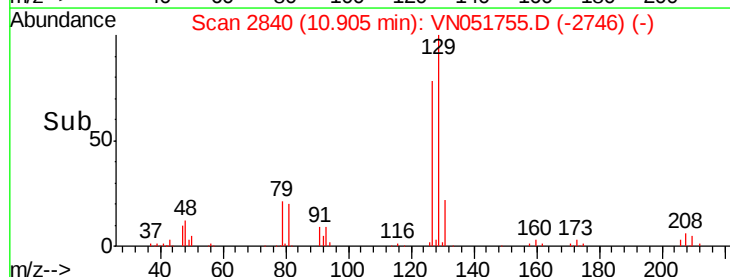
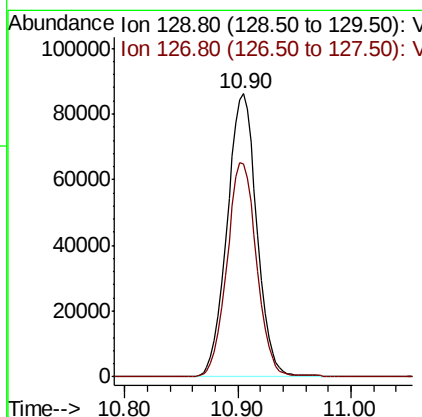
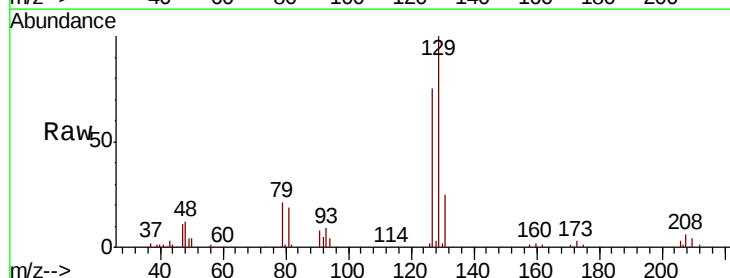
Instrument :
MSVOA_N
ClientSampleId :
VN1009MBS01

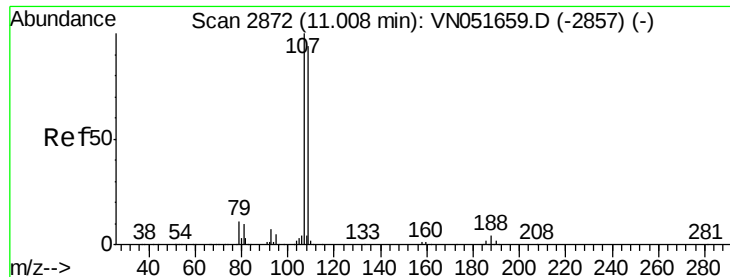
Tot Ion: 43 Resp: 339914
Ion Ratio Lower Upper
43 100
58 55.6 28.8 86.4



#60
Dibromochloromethane
Concen: 19.085 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 129 Resp: 157290
Ion Ratio Lower Upper
129 100
127 75.3 38.6 115.7





#61

1,2-Dibromoethane

Concen: 20.298 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

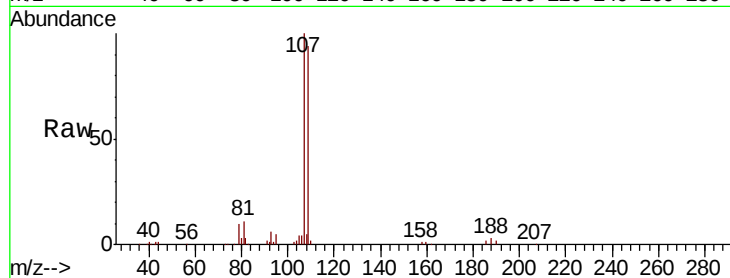
VN1009MBS01

Tot Ion:107 Resp: 135134

Ion Ratio Lower Upper

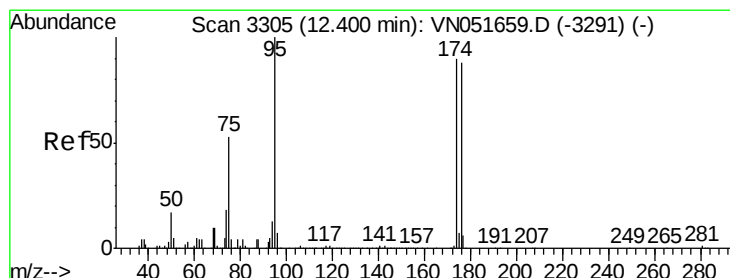
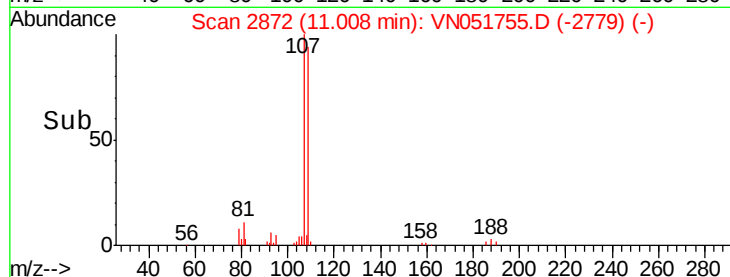
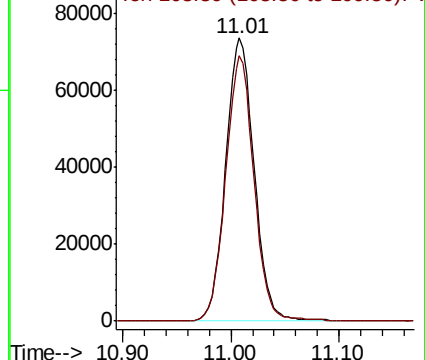
107 100

109 92.9 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 20.298 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

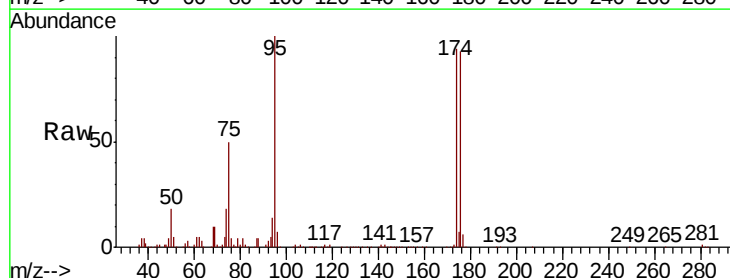
Tgt Ion: 95 Resp: 413432

Ion Ratio Lower Upper

95 100

174 94.5 0.0 182.8

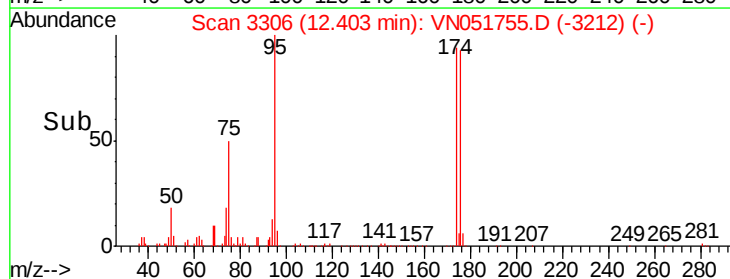
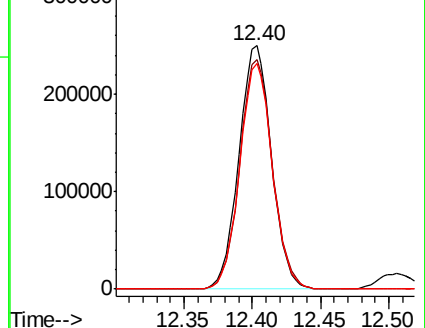
176 92.7 0.0 176.4

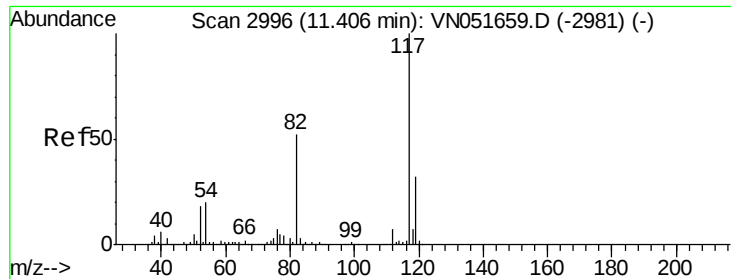


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

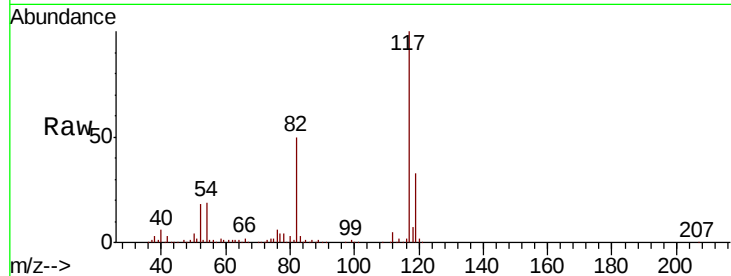




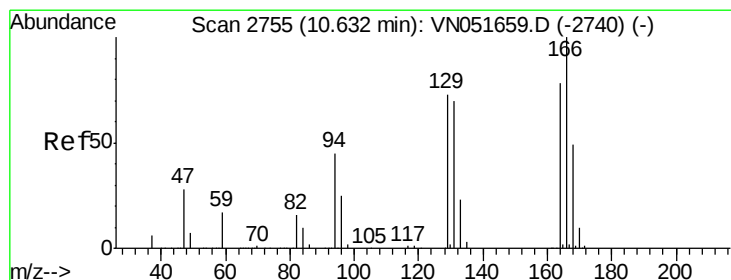
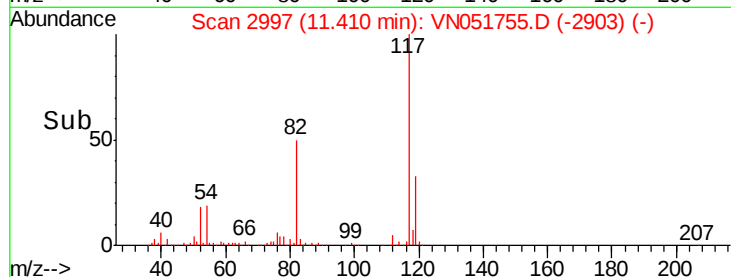
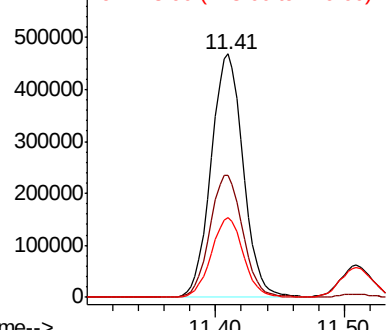
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN1009MBS01

Tot Ion:117 Resp: 812455
Ion Ratio Lower Upper
117 100
82 50.2 41.3 61.9
119 32.7 25.9 38.9

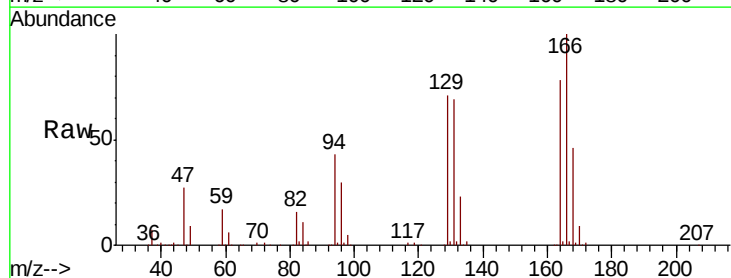


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

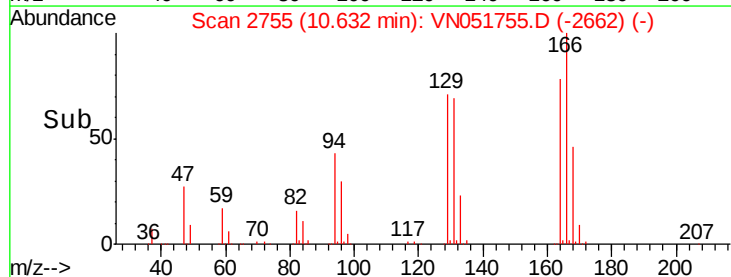
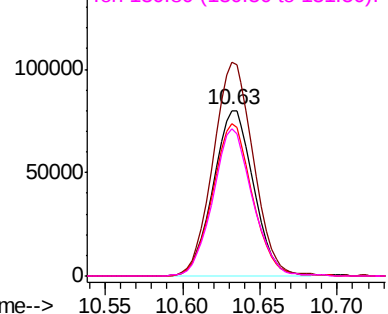


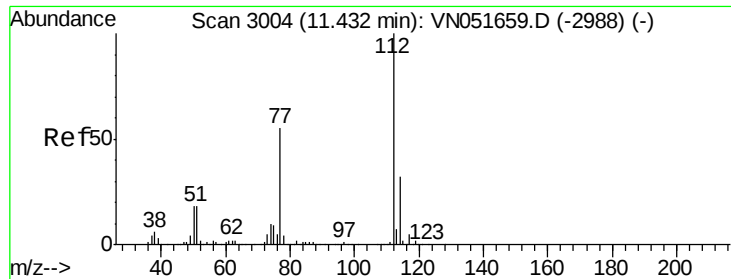
#64
Tetrachloroethene
Concen: 20.237 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:164 Resp: 145055
Ion Ratio Lower Upper
164 100
166 128.9 103.0 154.6
129 91.8 75.2 112.8
131 89.0 71.7 107.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

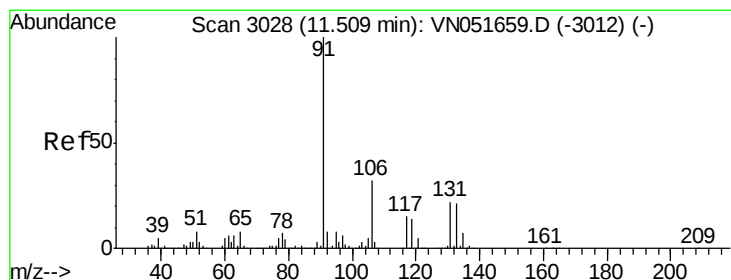
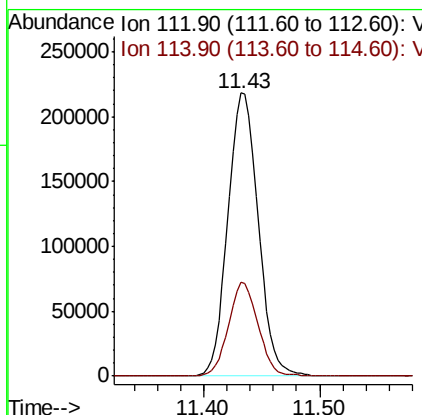
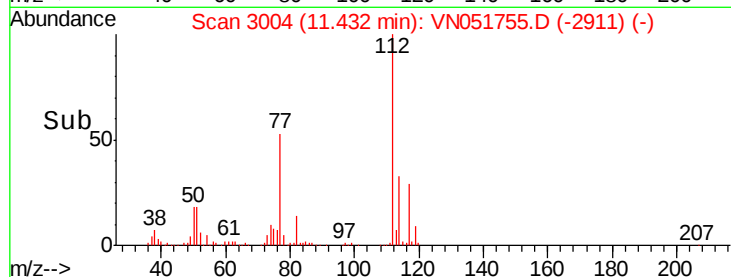
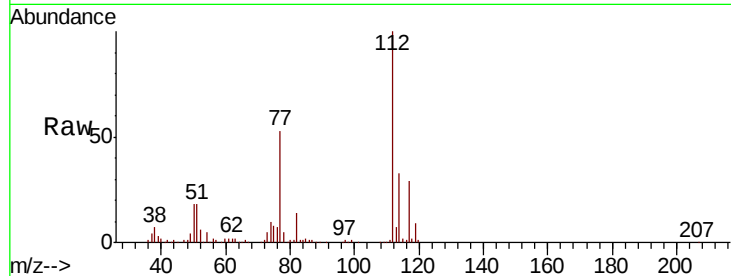




#65
Chlorobenzene
Concen: 19.587 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

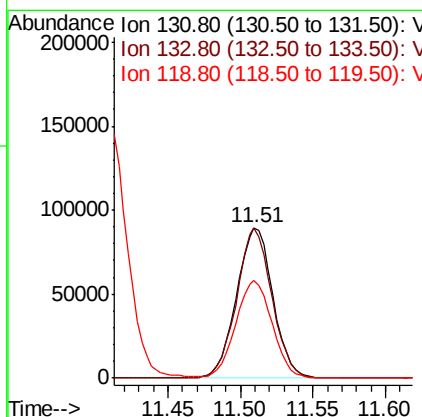
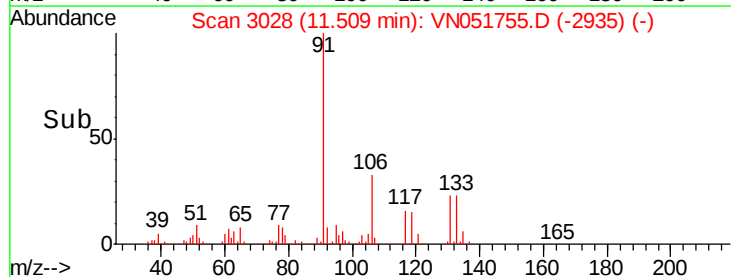
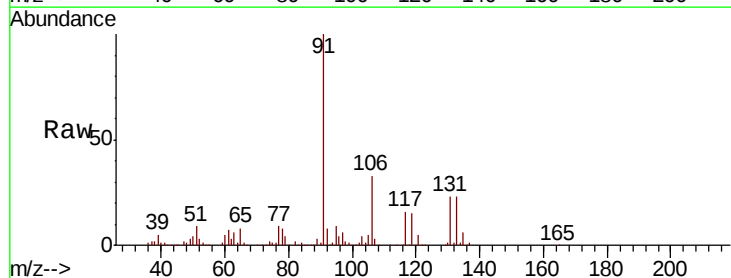
Instrument :
MSVOA_N
ClientSampled :
VN1009MBS01

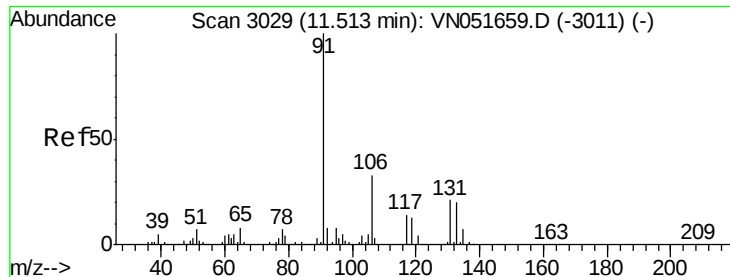
Tot Ion:112 Resp: 394129
Ion Ratio Lower Upper
112 100
114 33.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.337 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:131 Resp: 155793
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.8
119 65.1 32.0 96.0

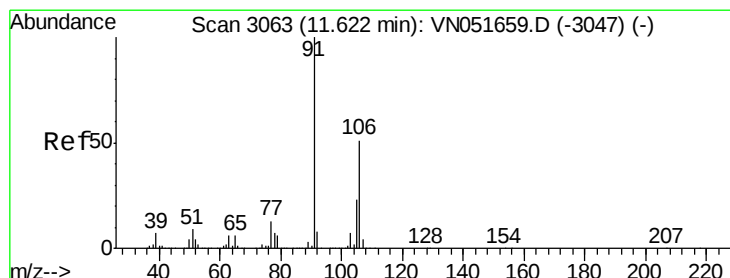
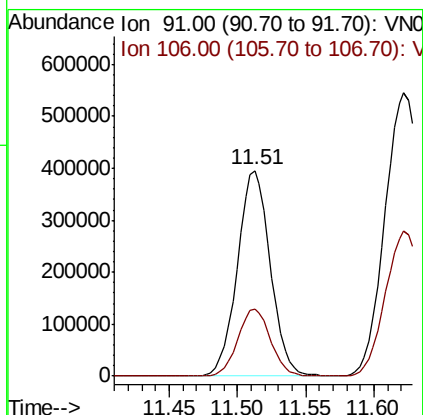
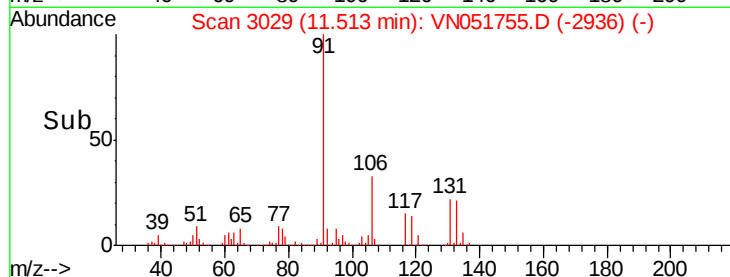
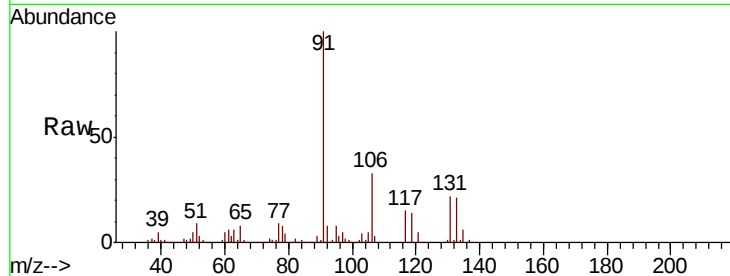




#67
Ethyl Benzene
Concen: 19.071 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

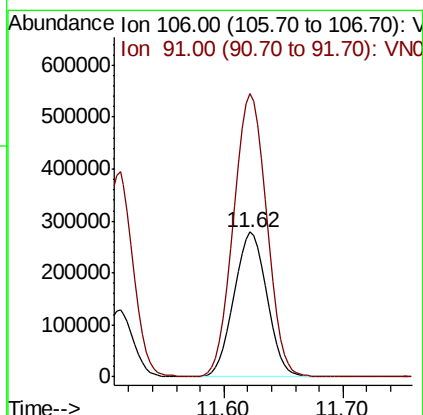
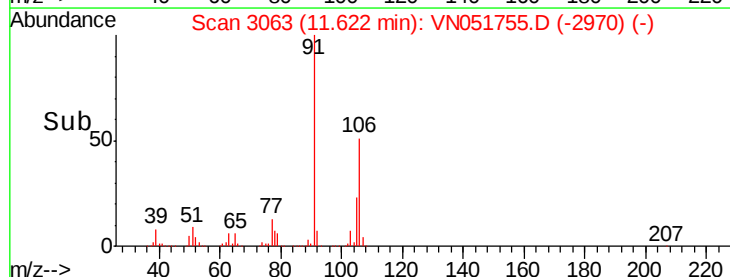
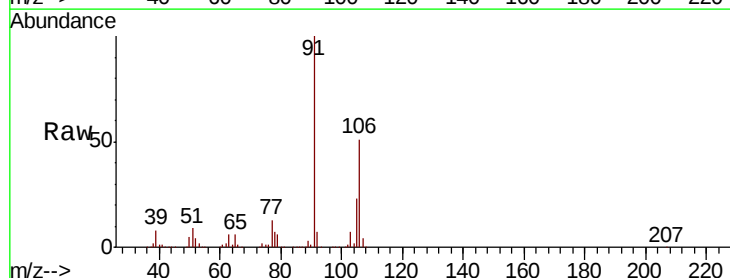
Instrument :
MSVOA_N
ClientSampled :
VN1009MBS01

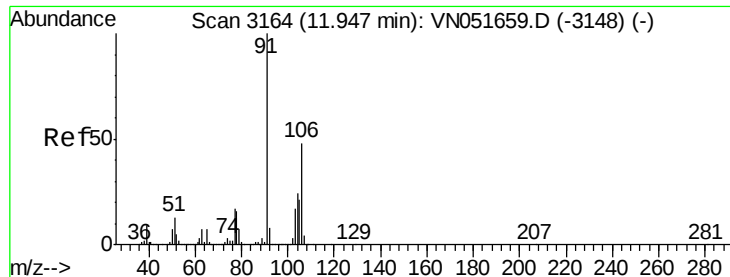
Tot Ion: 91 Resp: 663287
Ion Ratio Lower Upper
91 100
106 32.7 26.0 39.0



#68
m/p-Xylenes
Concen: 38.656 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion: 106 Resp: 537932
Ion Ratio Lower Upper
106 100
91 196.8 158.4 237.6

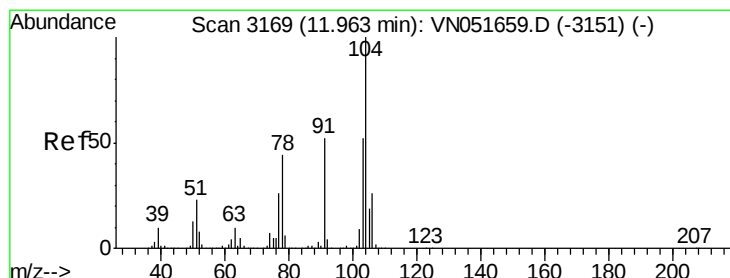
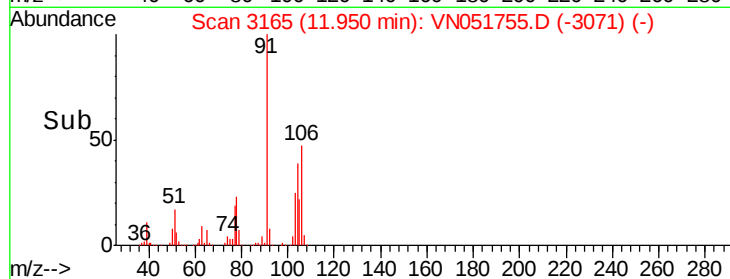
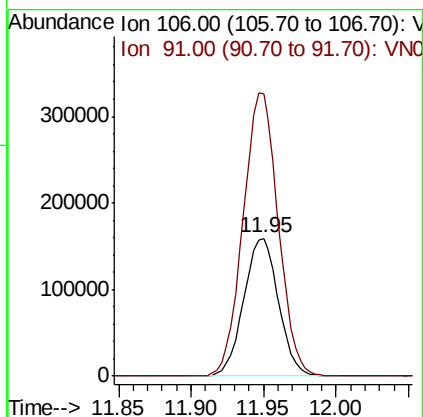
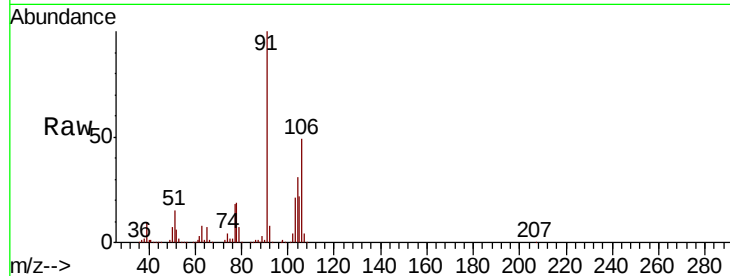




#69
o-Xylene
Concen: 19.481 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

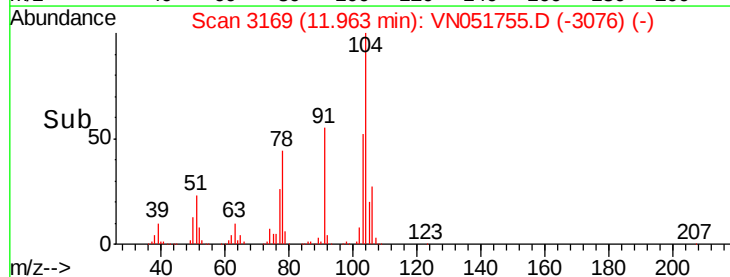
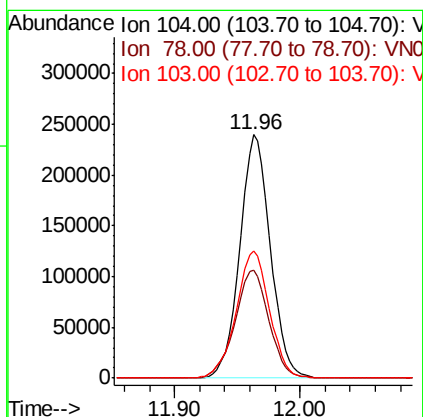
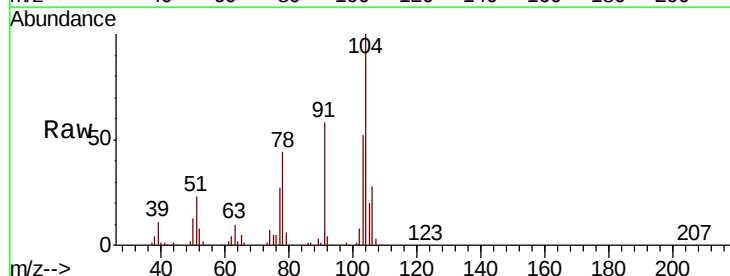
Instrument :
MSVOA_N
ClientSampled :
VN1009MBS01

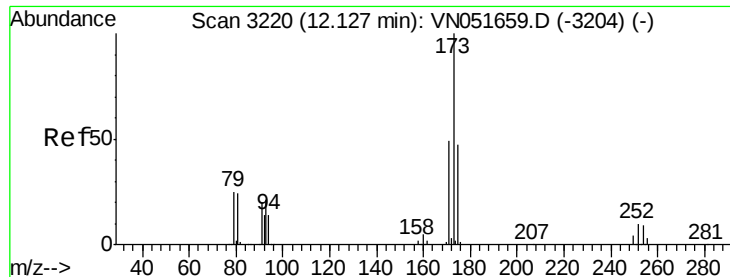
Tot Ion:106 Resp: 265856
Ion Ratio Lower Upper
106 100
91 207.8 104.4 313.2



#70
Styrene
Concen: 18.678 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:104 Resp: 406181
Ion Ratio Lower Upper
104 100
78 49.0 39.3 58.9
103 56.9 45.0 67.6

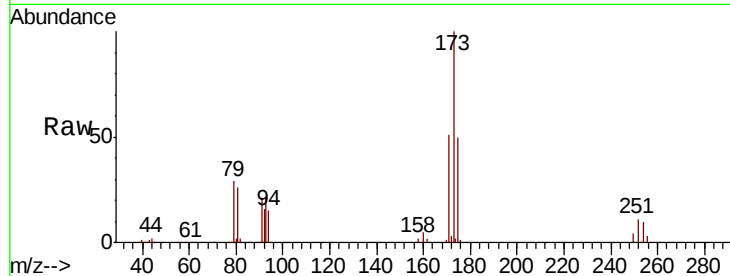




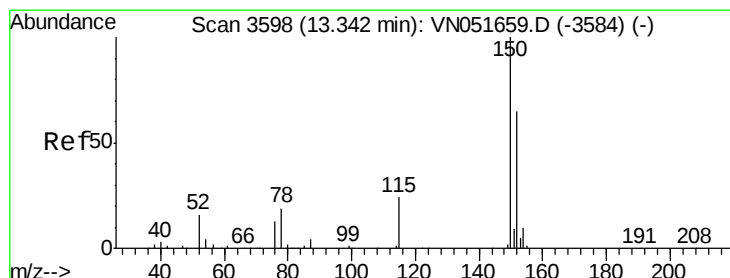
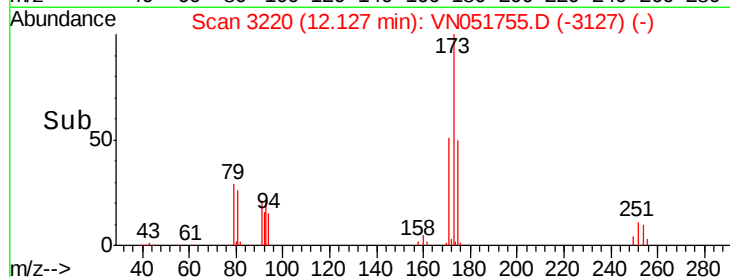
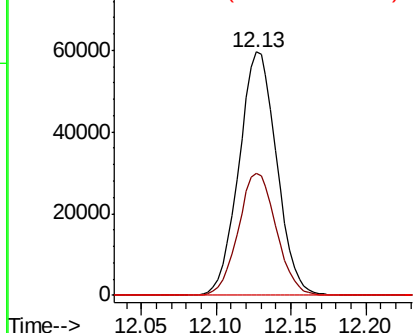
#71
Bromoform
Concen: 17.448 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Instrument :
MSVOA_N
ClientSampleId :
VN1009MBS01

Tot Ion:173 Resp: 104561
Ion Ratio Lower Upper
173 100
175 50.4 24.0 72.0
254 0.0 0.1 0.1#

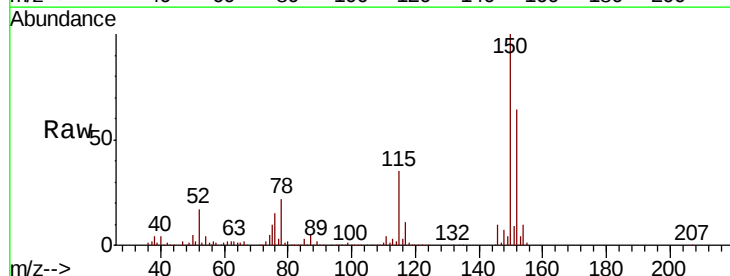


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

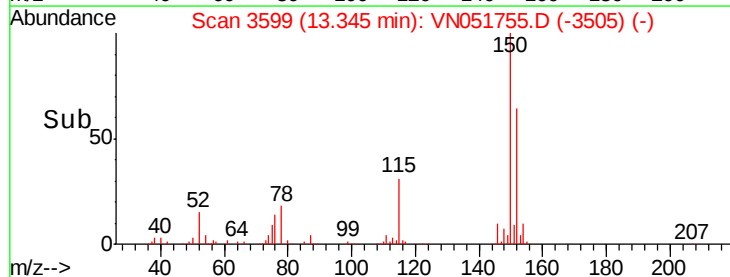
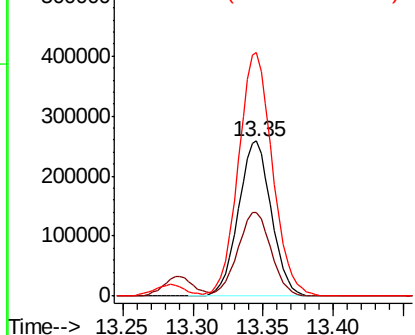


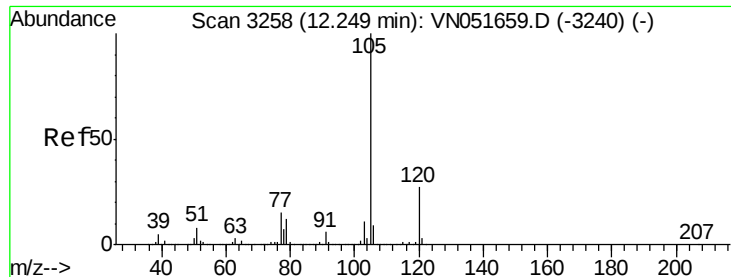
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:152 Resp: 420852
Ion Ratio Lower Upper
152 100
115 54.7 28.6 85.8
150 163.4 0.0 352.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.738 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

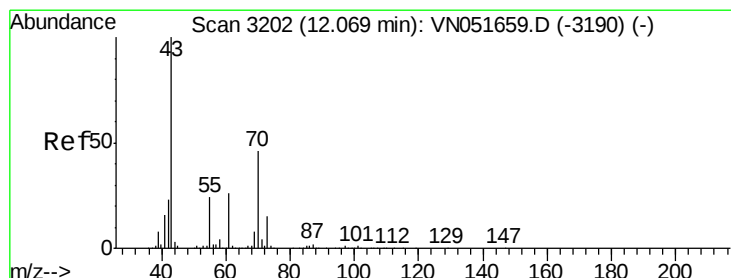
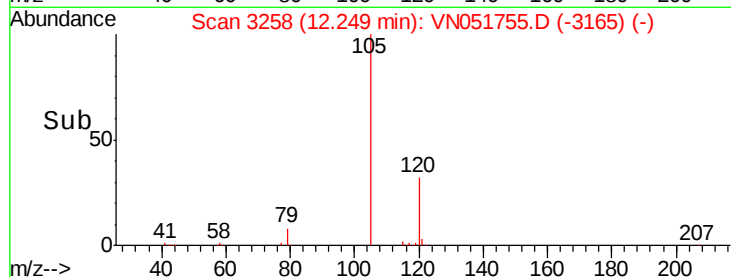
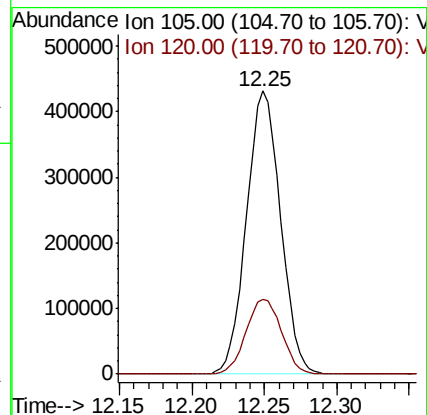
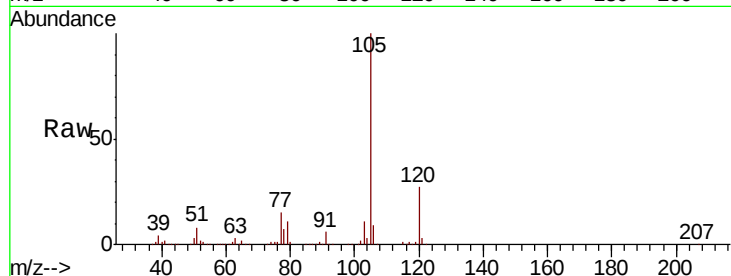
VN1009MBS01

Tot Ion:105 Resp: 708107

Ion Ratio Lower Upper

105 100

120 27.4 13.9 41.6



#74

N-ethyl acetate

Concen: 18.124 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Tgt Ion: 43 Resp: 149898

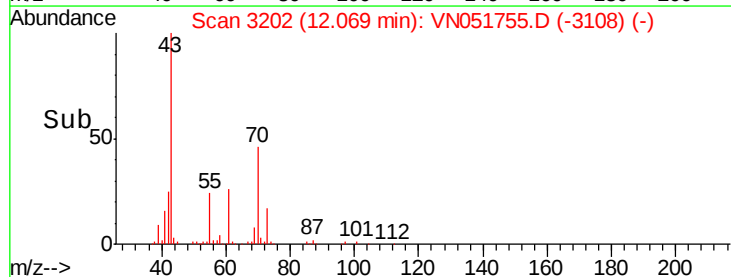
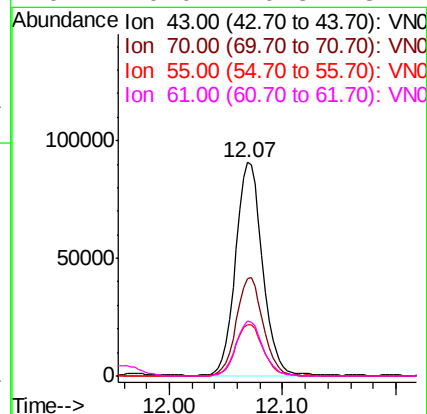
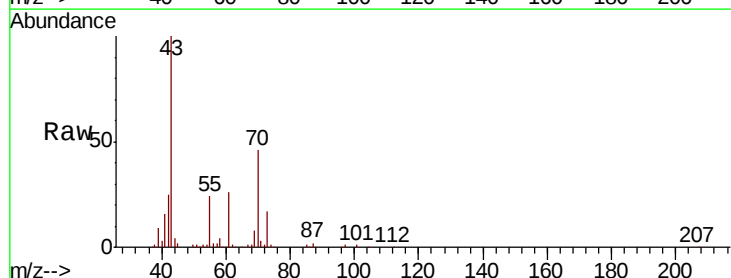
Ion Ratio Lower Upper

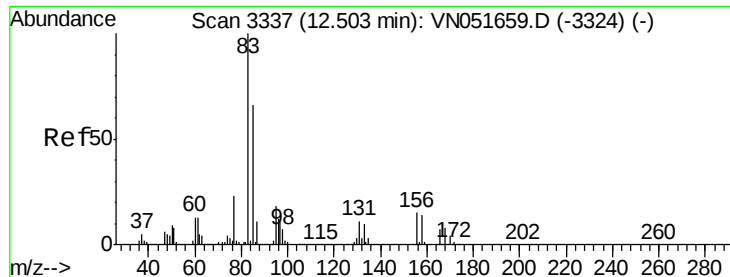
43 100

70 46.1 37.1 55.7

55 24.9 19.1 28.7

61 26.0 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.648 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN1009MBS01

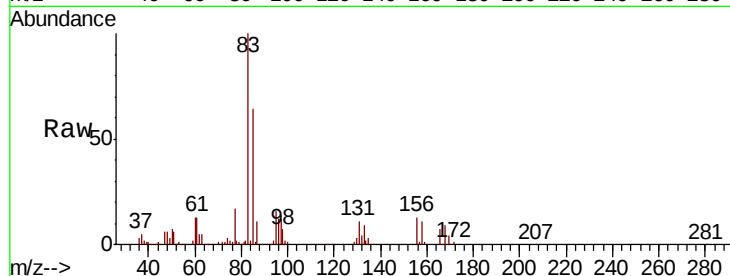
Tot Ion: 83 Resp: 159425

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

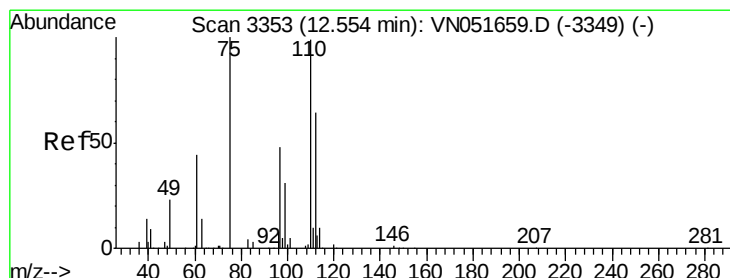
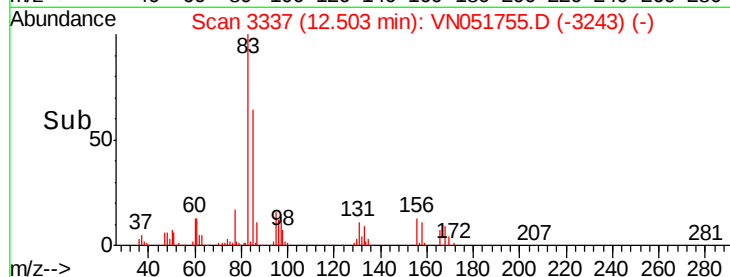
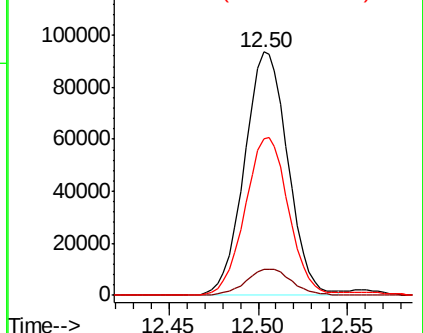
85 64.9 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN051755.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN051755.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN051755.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 34.610 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051755.D

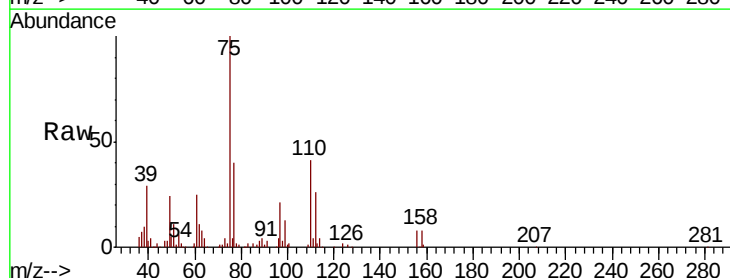
Acq: 9 Oct 2018 18:08

Tgt Ion: 75 Resp: 187586

Ion Ratio Lower Upper

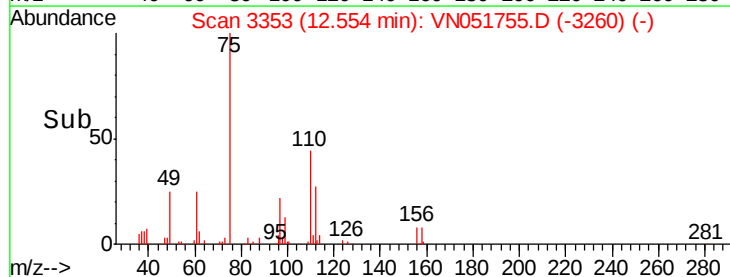
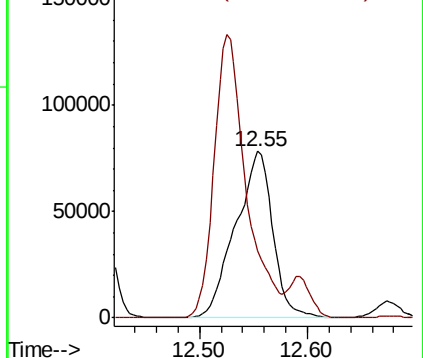
75 100

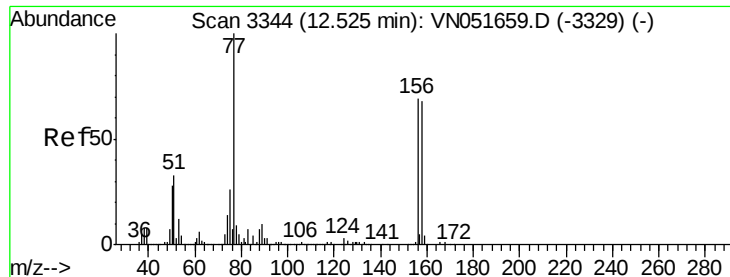
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051755.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN051755.D (-3260) (-)





#77

Bromobenzene

Concen: 19.661 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN1009MBS01

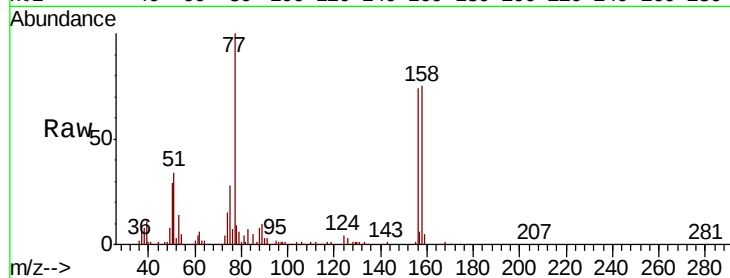
Tot Ion:156 Resp: 172460

Ion Ratio Lower Upper

156 100

77 159.7 83.2 249.4

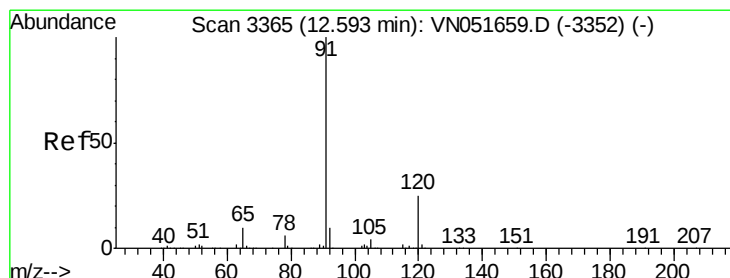
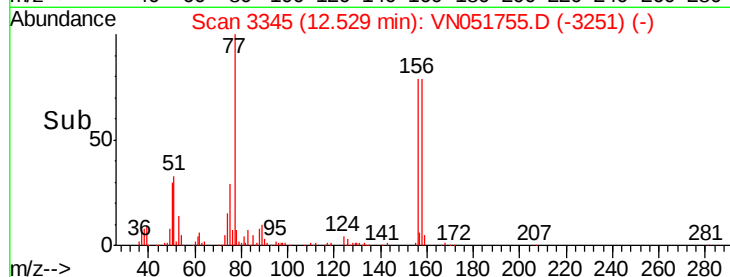
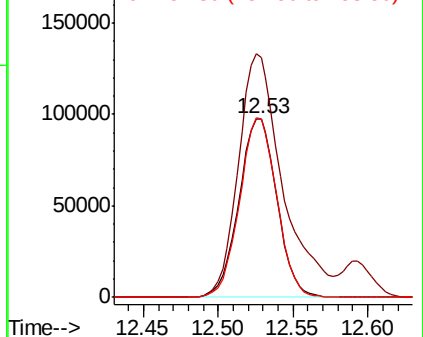
158 98.1 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.074 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051755.D

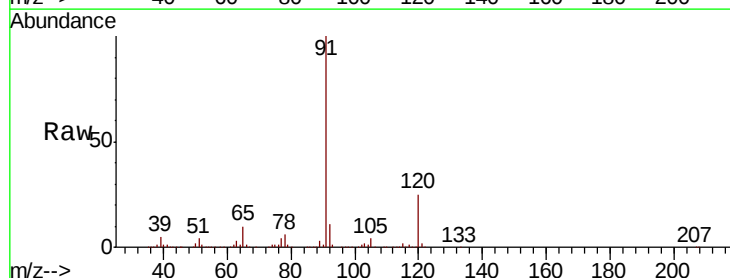
Acq: 9 Oct 2018 18:08

Tgt Ion: 91 Resp: 746368

Ion Ratio Lower Upper

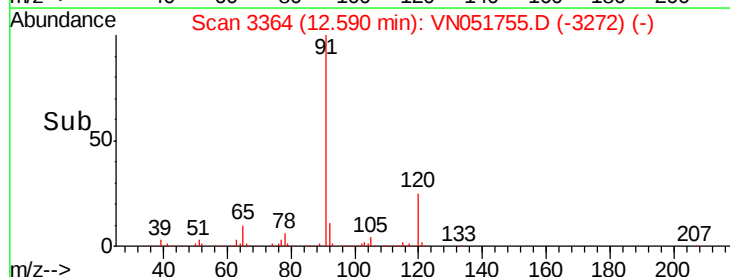
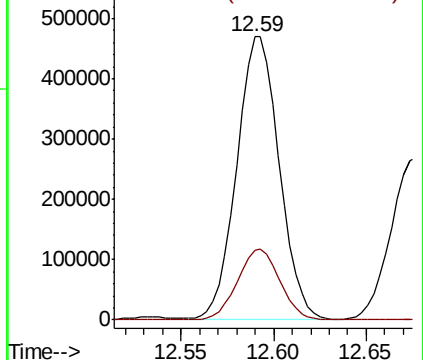
91 100

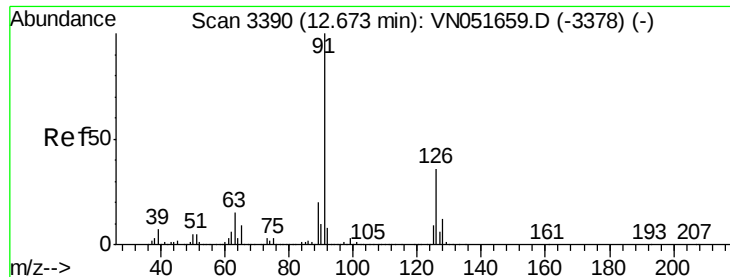
120 25.0 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.366 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

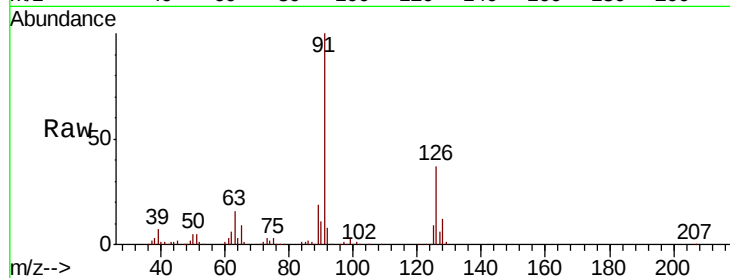
VN1009MBS01

Tot Ion: 91 Resp: 446594

Ion Ratio Lower Upper

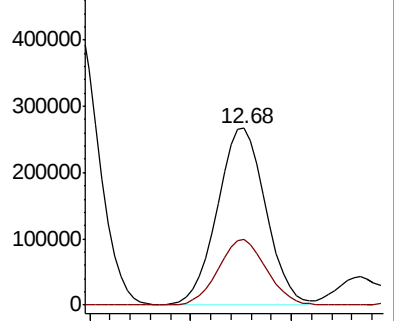
91 100

126 37.1 18.5 55.5

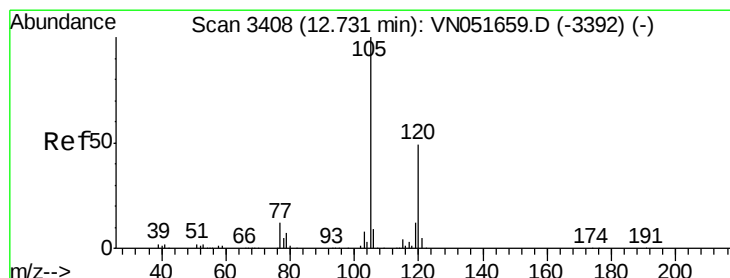
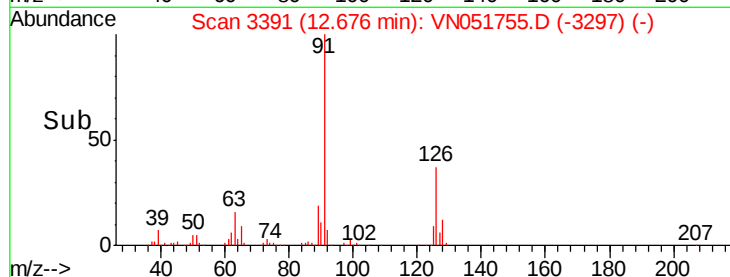


Abundance Ion 91.00 (90.70 to 91.70): VN051659.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN051659.D (-3378) (-)



Time--> 12.60 12.65 12.70



#80

1,3,5-Trimethylbenzene

Concen: 19.521 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051755.D

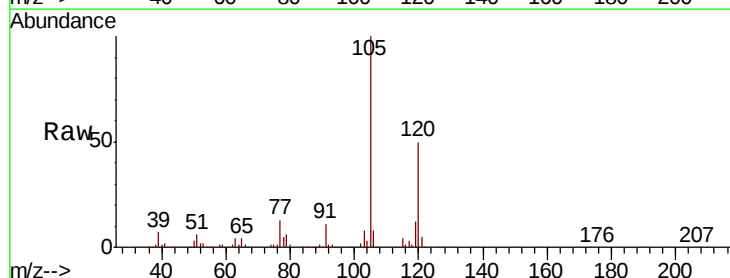
Acq: 9 Oct 2018 18:08

Tgt Ion:105 Resp: 590190

Ion Ratio Lower Upper

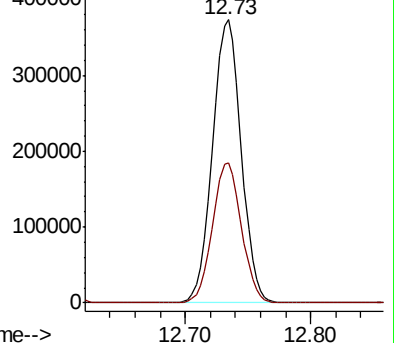
105 100

120 49.9 24.6 74.0

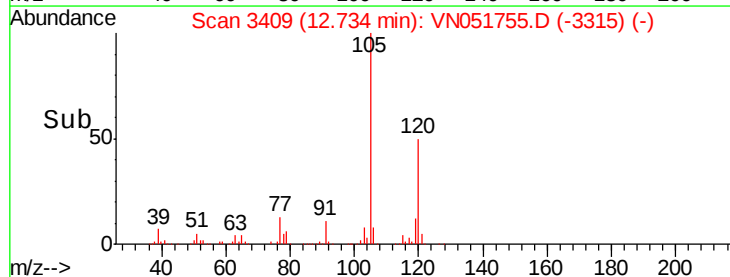


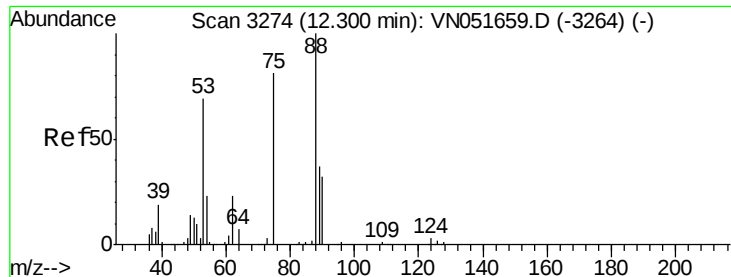
Abundance Ion 105.00 (104.70 to 105.70): VN051659.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN051659.D (-3392) (-)



Time--> 12.70 12.80





#81

trans-1,4-Dichloro-2-butene

Concen: 16.848 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN1009MBS01

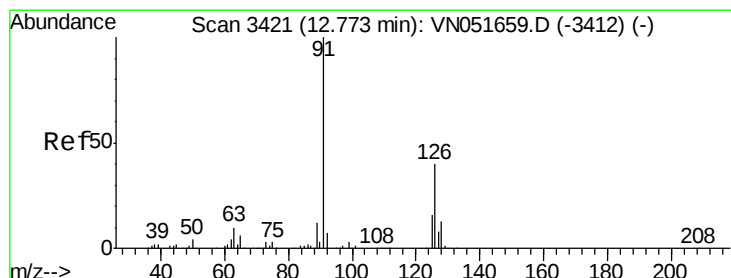
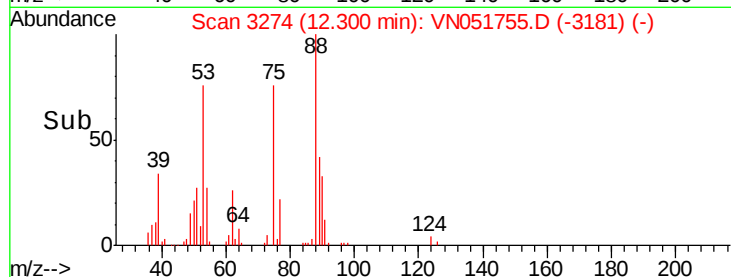
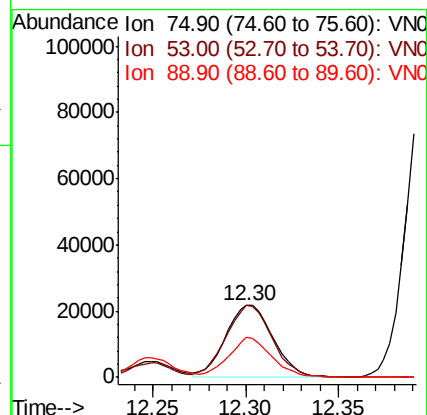
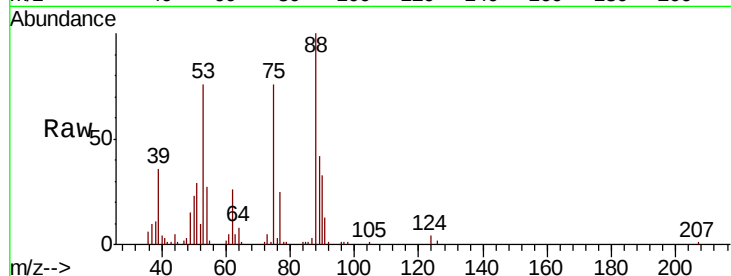
Tot Ion: 75 Resp: 38574

Ion Ratio Lower Upper

75 100

53 96.3 68.6 102.8

89 50.1 39.4 59.2



#82

4-Chlorotoluene

Concen: 19.113 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051755.D

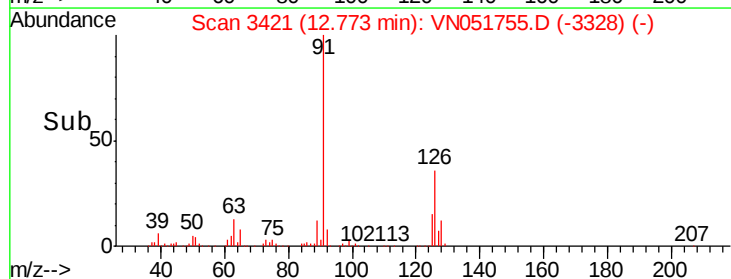
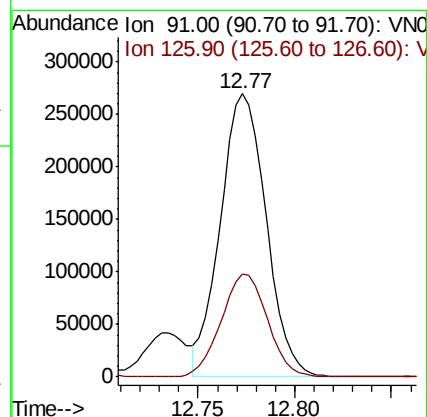
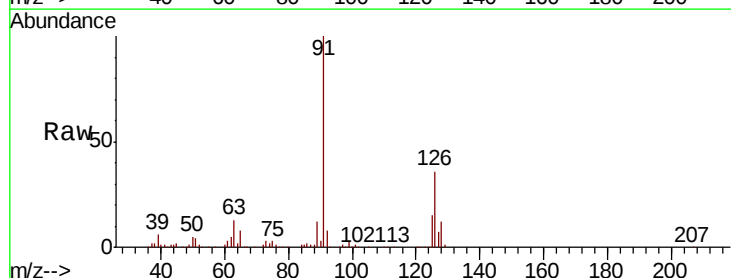
Acq: 9 Oct 2018 18:08

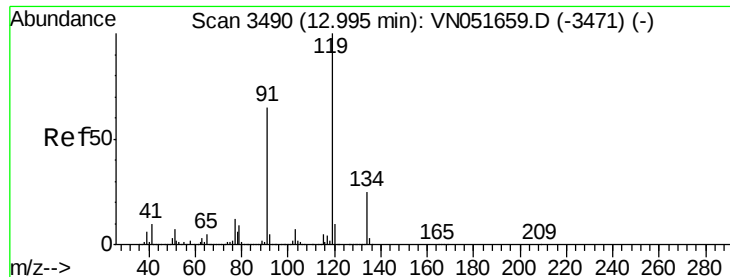
Tgt Ion: 91 Resp: 442784

Ion Ratio Lower Upper

91 100

126 36.9 18.0 54.0

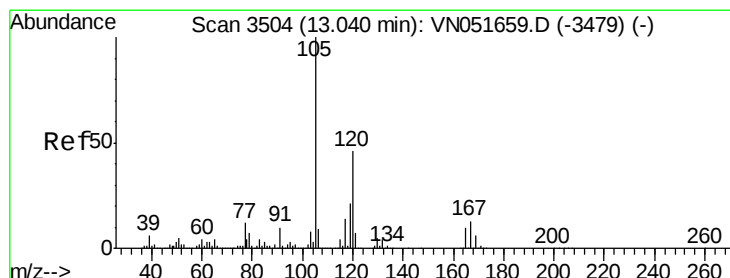
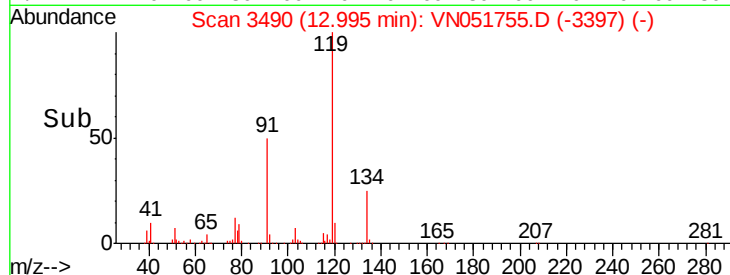
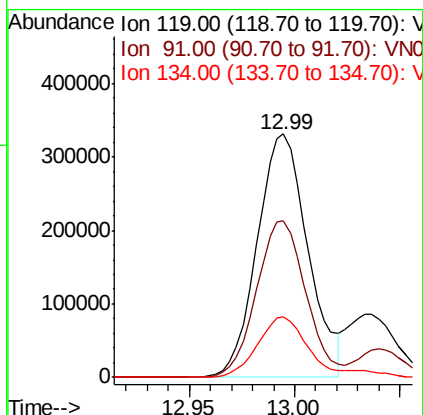
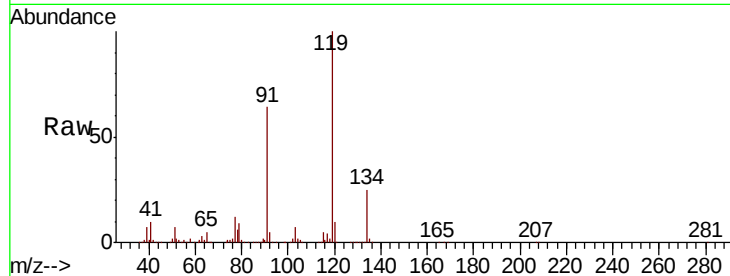




#83
tert-Butylbenzene
Concen: 20.471 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

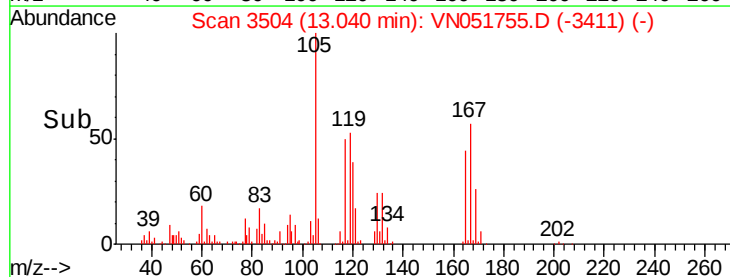
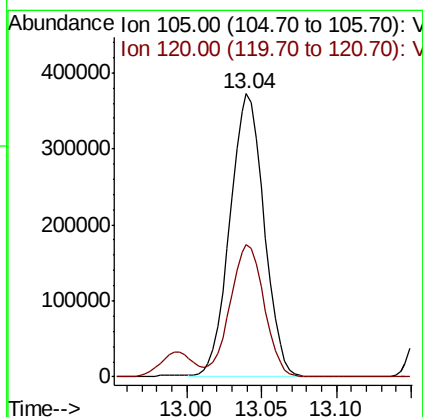
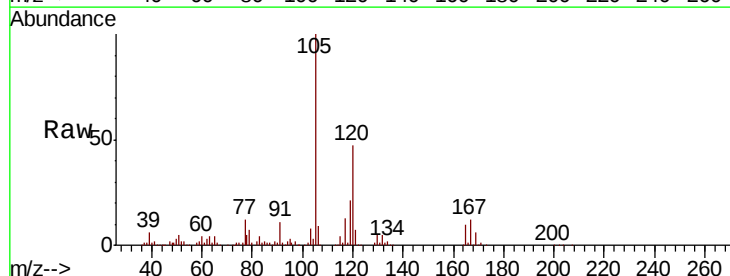
Instrument :
MSVOA_N
ClientSampled :
VN1009MBS01

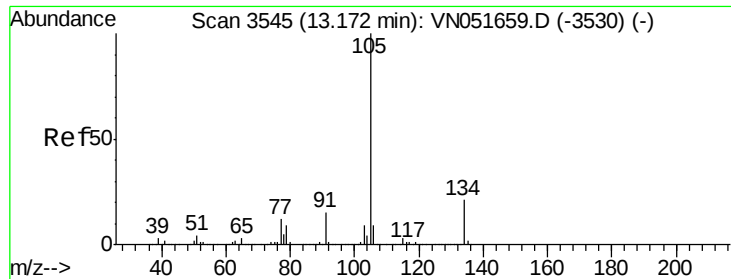
Tot Ion:119 Resp: 554555
Ion Ratio Lower Upper
119 100
91 62.9 32.1 96.5
134 26.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 19.531 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051755.D
Acq: 9 Oct 2018 18:08

Tgt Ion:105 Resp: 591451
Ion Ratio Lower Upper
105 100
120 46.9 22.9 68.7





#85

sec-Butylbenzene

Concen: 19.741 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

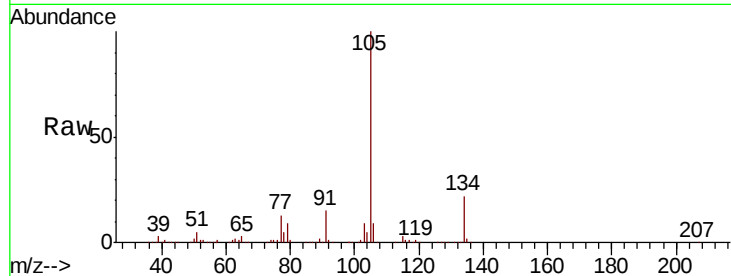
VN1009MBS01

Tot Ion:105 Resp: 707424

Ion Ratio Lower Upper

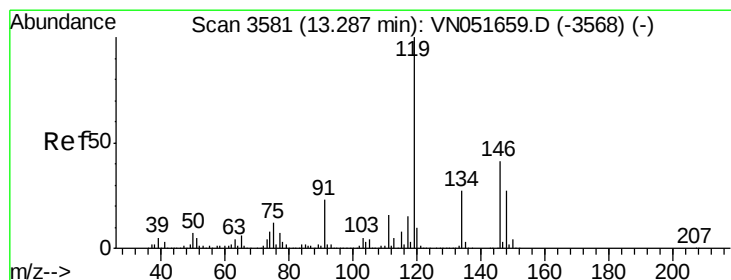
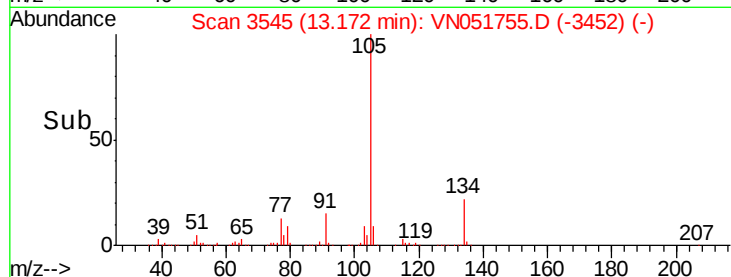
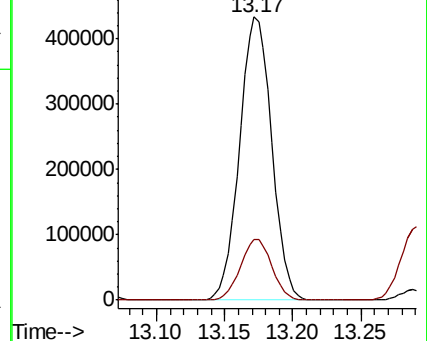
105 100

134 21.1 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.523 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

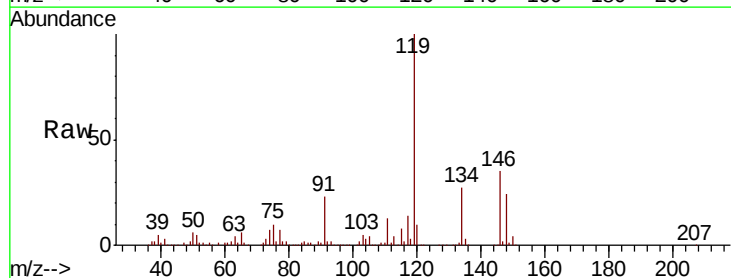
Tgt Ion:119 Resp: 620211

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

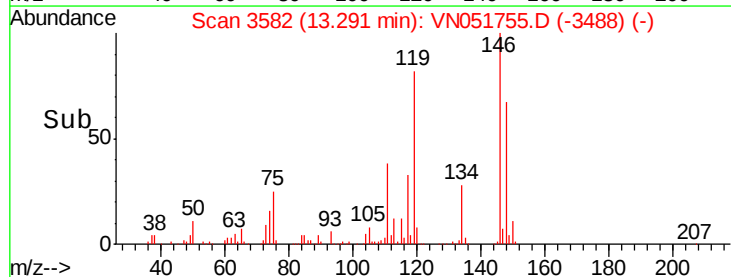
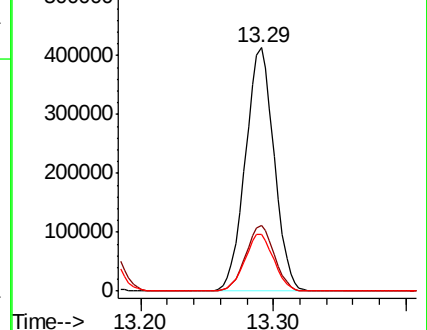
91 23.5 11.7 35.1

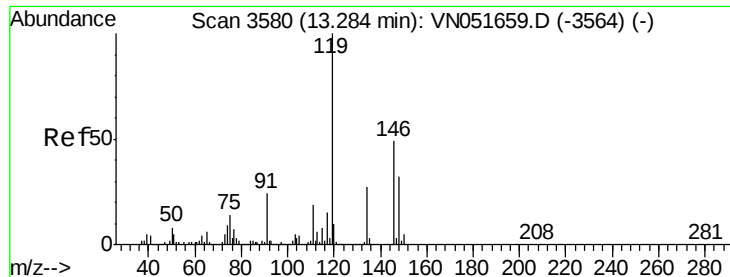


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.640 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN1009MBS01

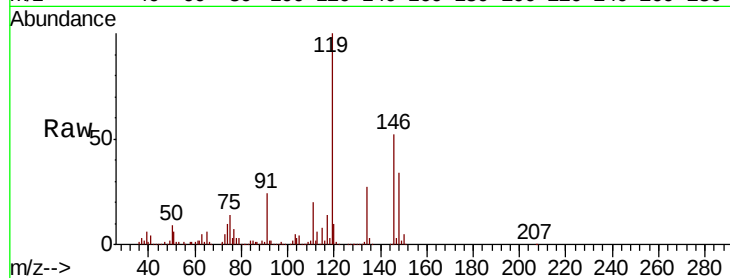
Tot Ion:146 Resp: 300198

Ion Ratio Lower Upper

146 100

111 38.0 19.3 57.9

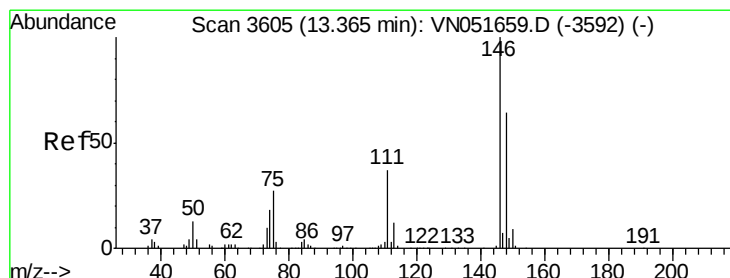
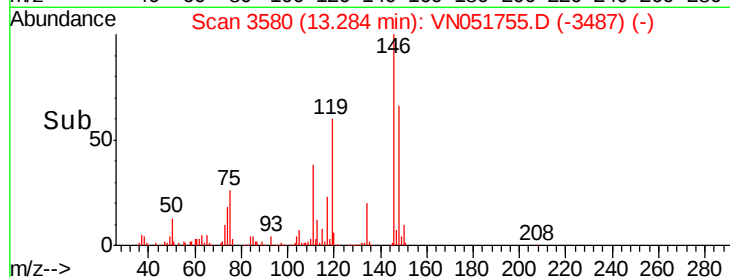
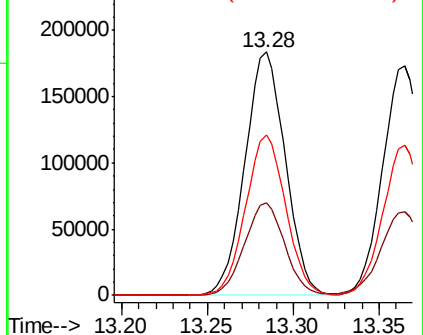
148 65.4 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.136 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

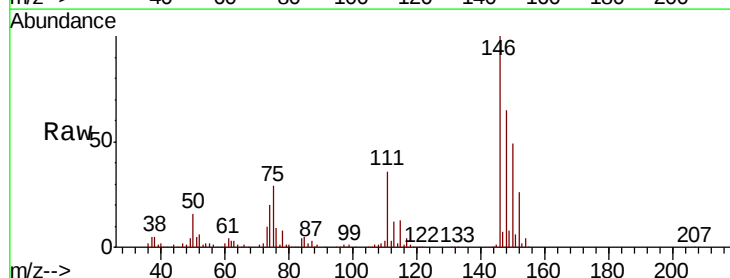
Tgt Ion:146 Resp: 287894

Ion Ratio Lower Upper

146 100

111 38.2 18.6 55.8

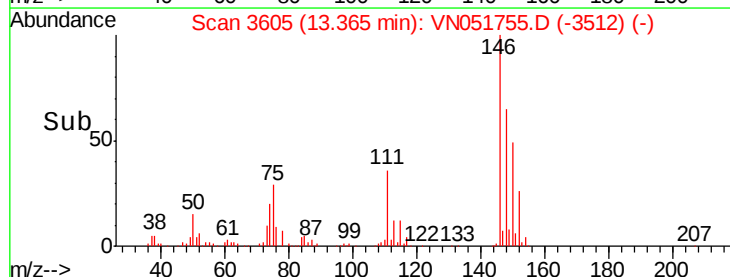
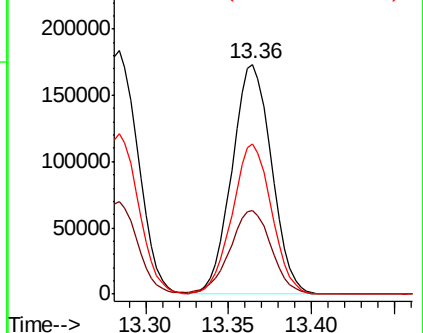
148 64.9 32.3 96.8

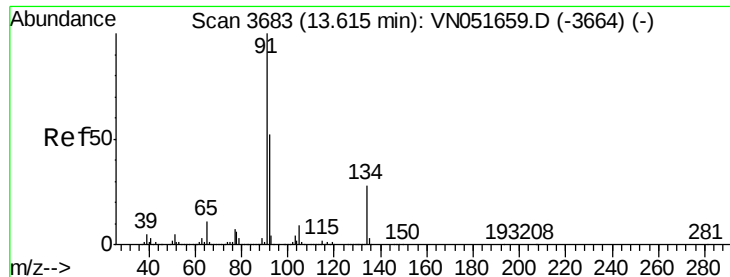


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.555 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN1009MBS01

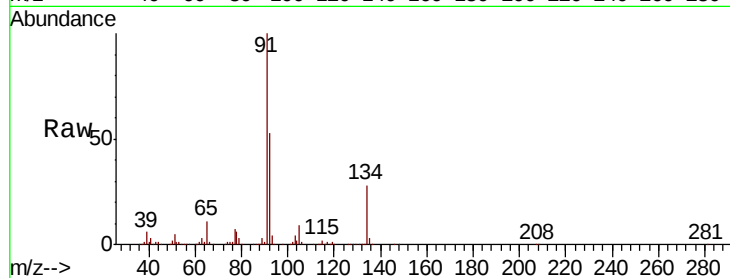
Tot Ion: 91 Resp: 466061

Ion Ratio Lower Upper

91 100

92 52.4 26.0 78.0

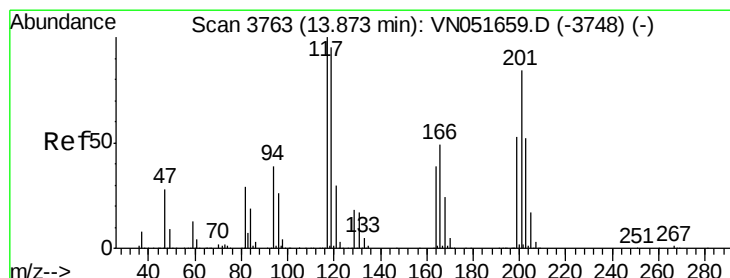
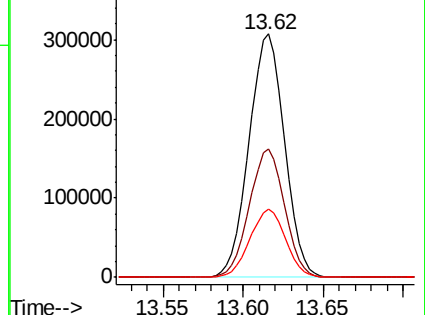
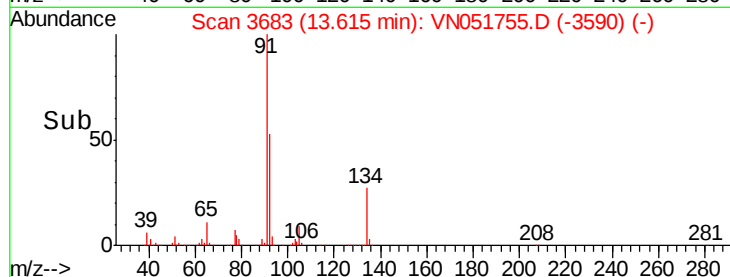
134 28.0 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VN051755.D (-3664) (-)

Ion 92.00 (91.70 to 92.70): VN051755.D (-3664) (-)

Ion 134.00 (133.70 to 134.70): VN051755.D (-3664) (-)



#90

Hexachloroethane

Concen: 17.883 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051755.D

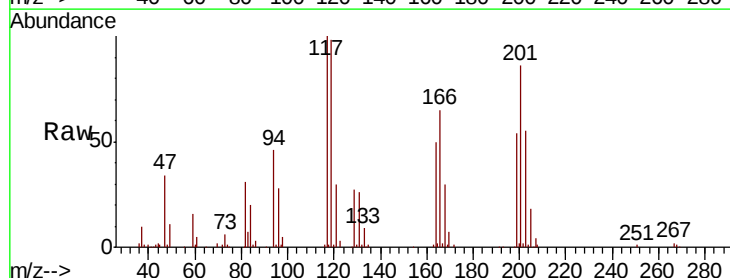
Acq: 9 Oct 2018 18:08

Tgt Ion: 117 Resp: 113344

Ion Ratio Lower Upper

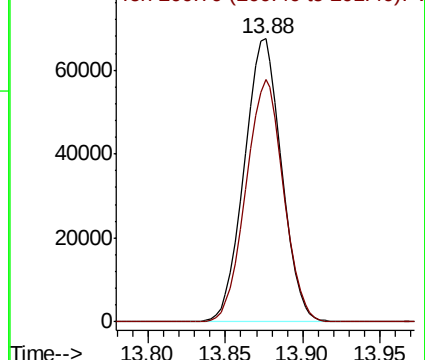
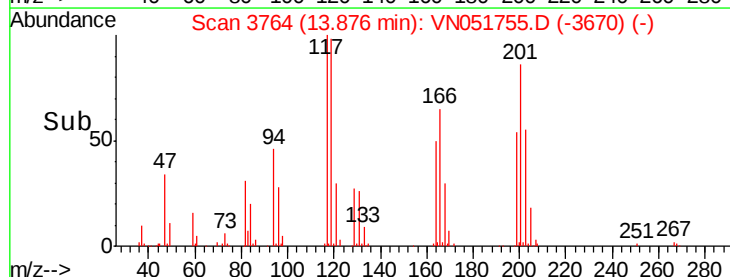
117 100

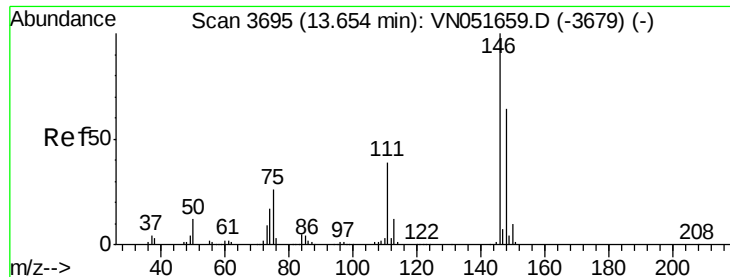
201 86.0 42.4 127.3



Abundance Ion 116.80 (116.50 to 117.50): VN051755.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN051755.D (-3748) (-)





#91

1,2-Dichlorobenzene

Concen: 19.808 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampled :

VN1009MBS01

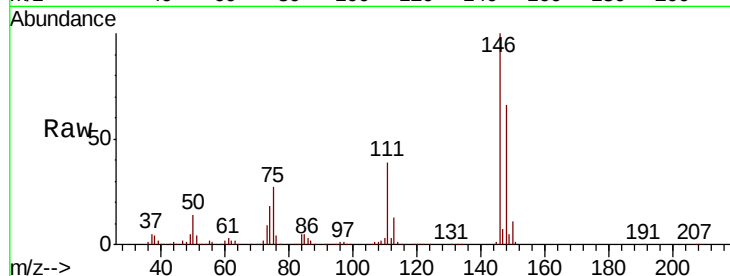
Tot Ion:146 Resp: 300986

Ion Ratio Lower Upper

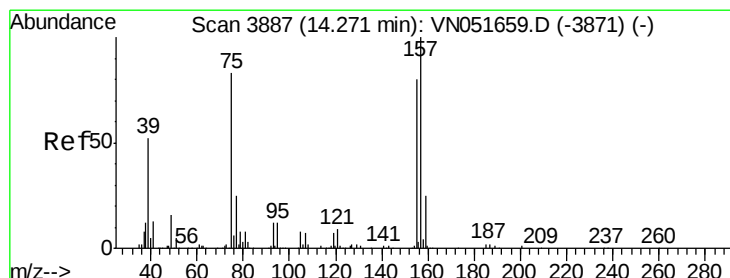
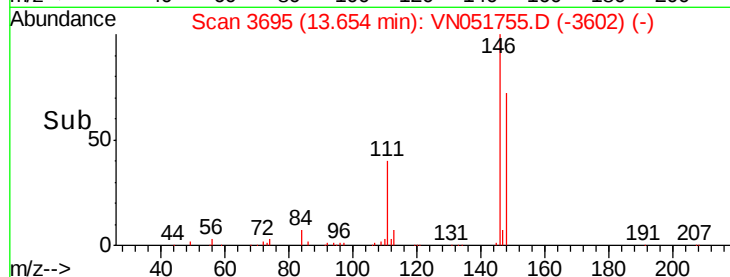
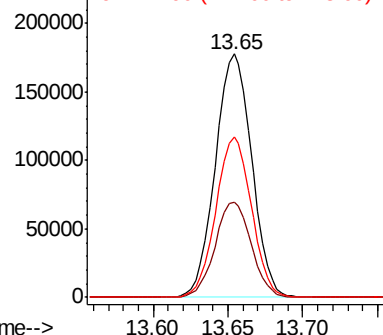
146 100

111 39.0 19.7 59.0

148 64.4 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.098 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

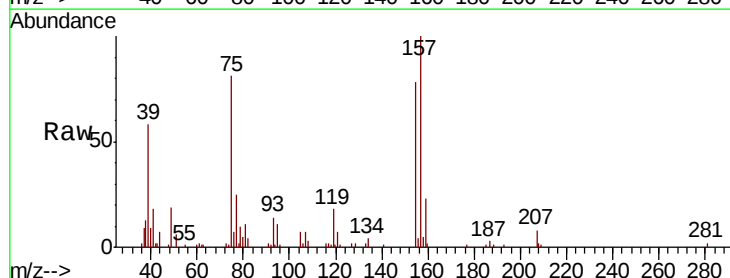
Tgt Ion: 75 Resp: 25328

Ion Ratio Lower Upper

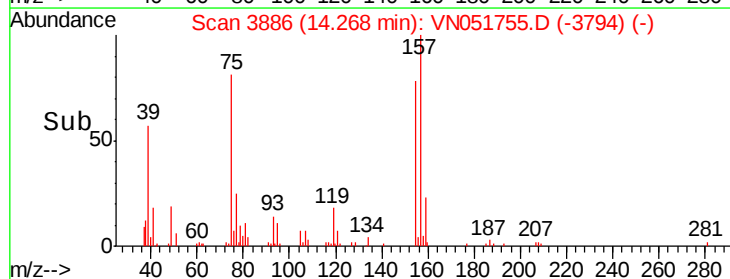
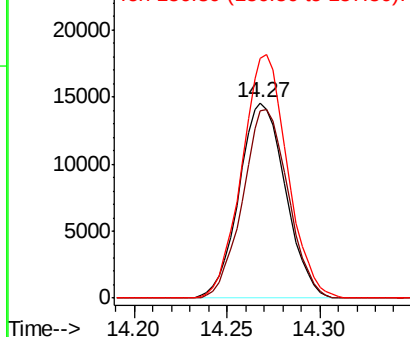
75 100

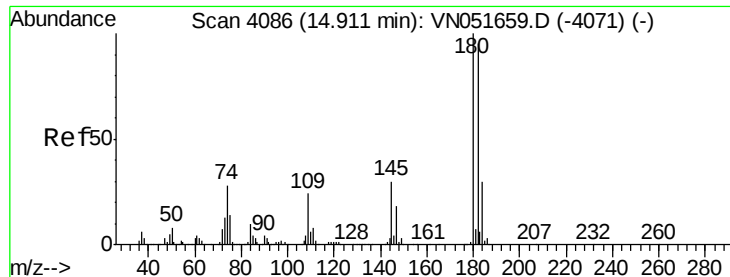
155 94.1 47.6 142.9

157 122.2 61.7 185.1



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

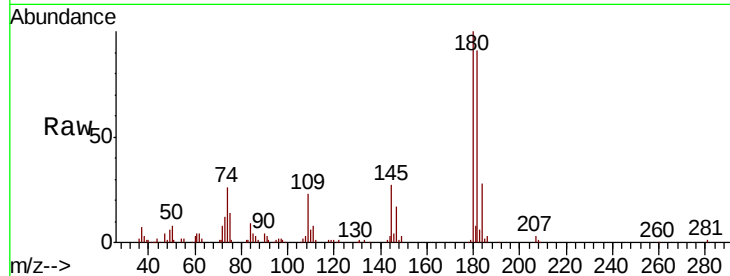




#93
 1,2,4-Trichlorobenzene
 Concen: 17.364 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009MBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.7	143.1
145	27.7	15.3	45.9

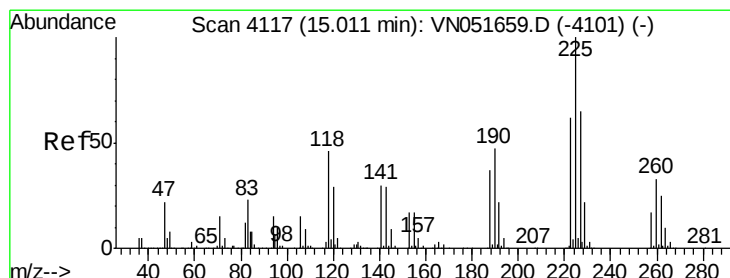
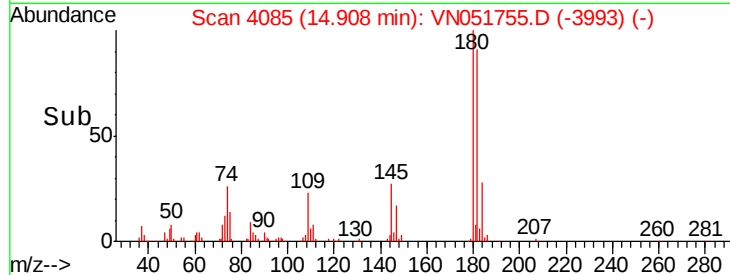
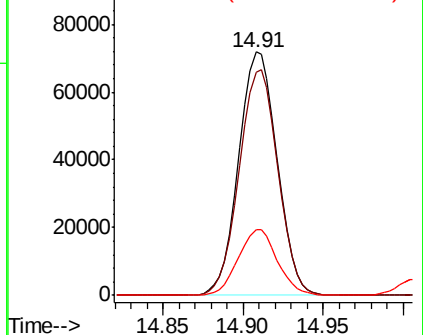


Abundance

Ion 179.80 (179.50 to 180.50): V

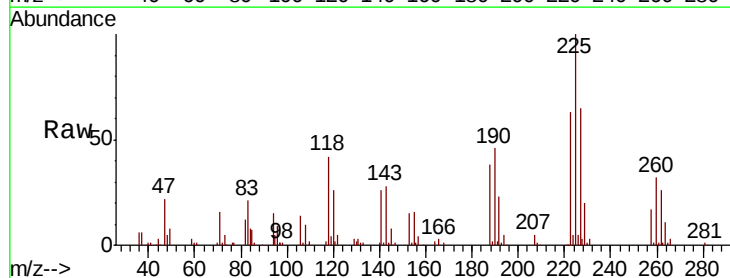
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.387 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051755.D
 Acq: 9 Oct 2018 18:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	31.9	95.5
227	63.4	31.7	95.1

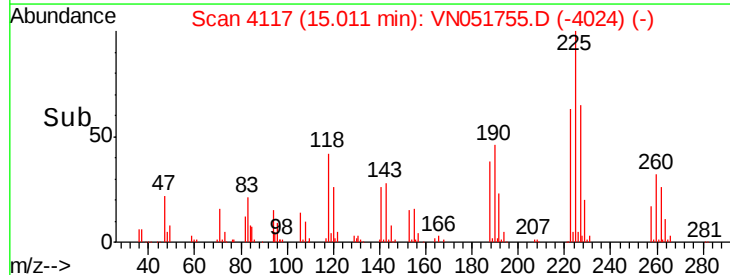
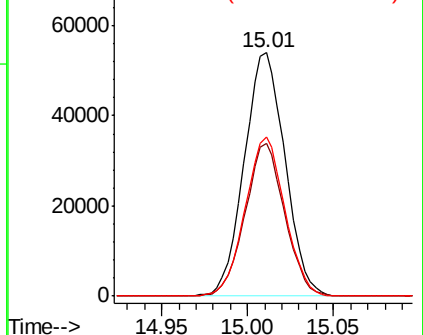


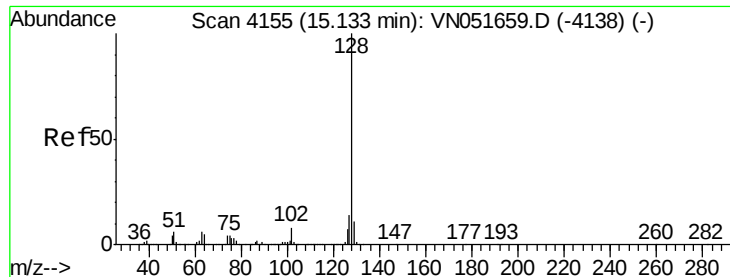
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 16.473 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

Instrument :

MSVOA_N

ClientSampleId :

VN1009MBS01

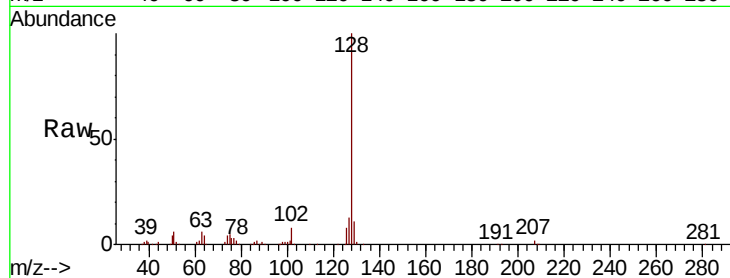
Tot Ion:128 Resp: 240528

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

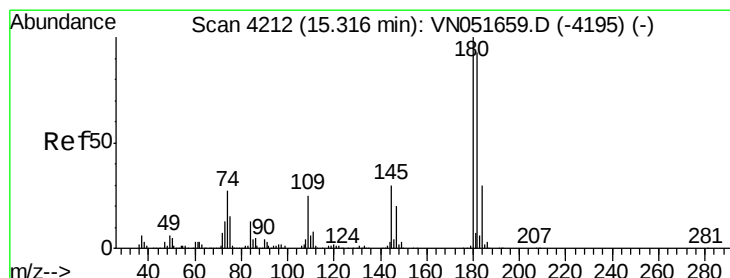
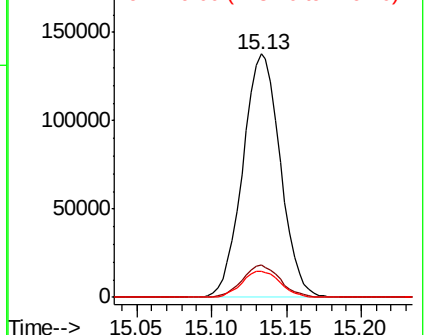
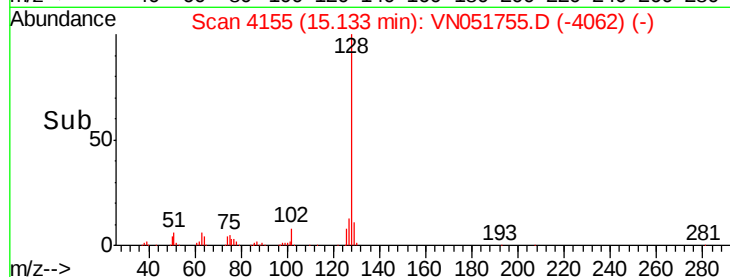
129 11.0 9.0 13.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.281 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051755.D

Acq: 9 Oct 2018 18:08

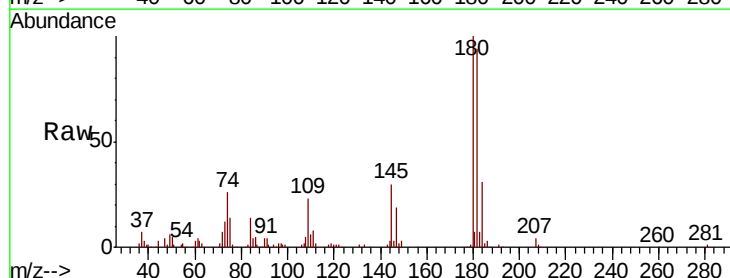
Tgt Ion:180 Resp: 121736

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.8

145 30.2 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

