

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051784.D
 Acq On : 10 Oct 2018 12:26
 Operator : MD\SY
 Sample : VN1010MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS02

Quant Time: Oct 11 01:55:34 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	711595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1041748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	973268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	489767	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	444971	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	7.59	113	422336	52.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.88%	
50) Toluene-d8	10.09	98	1539468	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
62) 4-Bromofluorobenzene	12.40	95	512955	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	160599	18.780	ug/l	100
3) Chloromethane	2.06	50	144887	17.841	ug/l	99
4) Vinyl Chloride	2.18	62	217598	17.010	ug/l	99
5) Bromomethane	2.56	94	194255	19.746	ug/l	98
6) Chloroethane	2.70	64	150768	17.536	ug/l	99
7) Trichlorofluoromethane	3.01	101	284286	20.550	ug/l	98
8) Diethyl Ether	3.41	74	75562	20.270	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	141674	19.926	ug/l	96
10) Methyl Iodide	3.95	142	177081	20.294	ug/l	100
11) Tert butyl alcohol	4.79	59	31435	49.204	ug/l #	71
12) 1,1-Dichloroethene	3.74	96	130458	19.686	ug/l	93
13) Acrolein	3.61	56	22737	47.264	ug/l	96
14) Allyl chloride	4.33	41	167732	16.595	ug/l	96
15) Acrylonitrile	4.99	53	217022	98.440	ug/l	99
16) Acetone	3.82	43	176681	100.990	ug/l	97
17) Carbon Disulfide	4.05	76	321376	15.955	ug/l	97
18) Methyl Acetate	4.33	43	112791	21.738	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	420296	19.215	ug/l	98
20) Methylene Chloride	4.55	84	152125	19.669	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	149642	19.056	ug/l	85
22) Diisopropyl ether	5.96	45	377813	17.438	ug/l	97
23) Vinyl Acetate	5.90	43	1362470	85.525	ug/l	95
24) 1,1-Dichloroethane	5.85	63	255215	18.316	ug/l	97
25) 2-Butanone	6.84	43	261689	96.404	ug/l	93
26) 2,2-Dichloropropane	6.83	77	261828	18.751	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	177645	19.487	ug/l	94
28) Bromochloromethane	7.20	49	108413	17.574	ug/l	87
29) Tetrahydrofuran	7.22	42	158350	95.059	ug/l	91
30) Chloroform	7.37	83	302165	19.301	ug/l	98
31) Cyclohexane	7.66	56	219735	17.219	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	287218	18.927	ug/l	98
36) 1,1-Dichloropropene	7.80	75	207811	19.085	ug/l	98
37) Ethyl Acetate	6.93	43	112137	19.746	ug/l	99
38) Carbon Tetrachloride	7.78	117	253766	19.422	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051784.D
 Acq On : 10 Oct 2018 12:26
 Operator : MD\SY
 Sample : VN1010MBS02
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBS02

Quant Time: Oct 11 01:55:34 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)
39) Methylcyclohexane	9.08	83	261182	19.108	ug/l	96
40) Benzene	8.05	78	629318	19.496	ug/l	97
41) Methacrylonitrile	7.18	41	57281	19.393	ug/l	97
42) 1,2-Dichloroethane	8.13	62	210897	19.387	ug/l	99
43) Isopropyl Acetate	8.17	43	227062	19.177	ug/l #	87
44) Trichloroethene	8.84	130	191496	20.893	ug/l	99
45) 1,2-Dichloropropane	9.12	63	152657	19.128	ug/l	97
46) Dibromomethane	9.21	93	114929	20.718	ug/l	98
47) Bromodichloromethane	9.41	83	232951	19.076	ug/l	97
48) Methyl methacrylate	9.20	41	101232	18.711	ug/l	95
49) 1,4-Dioxane	9.20	88	36257	446.913	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	595280	99.216	ug/l	97
52) Toluene	10.16	92	422136	19.662	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	227257	18.035	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	250388	18.712	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	158190	20.684	ug/l	99
56) Ethyl methacrylate	10.43	69	193871	20.045	ug/l	96
57) 1,3-Dichloropropane	10.71	76	248298	20.513	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	364081	90.955	ug/l	95
59) 2-Hexanone	10.75	43	400229	98.223	ug/l	98
60) Dibromochloromethane	10.90	129	191933	19.177	ug/l	100
61) 1,2-Dibromoethane	11.01	107	165284	20.443	ug/l	99
64) Tetrachloroethene	10.63	164	181737	21.165	ug/l	98
65) Chlorobenzene	11.44	112	491088	20.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	187903	19.469	ug/l	99
67) Ethyl Benzene	11.51	91	824783	19.796	ug/l	100
68) m/p-Xylenes	11.62	106	647579	38.846	ug/l	99
69) o-Xylene	11.95	106	322401	19.721	ug/l	100
70) Styrene	11.96	104	487882	18.728	ug/l	99
71) Bromoform	12.13	173	123661	17.226	ug/l #	98
73) Isopropylbenzene	12.25	105	868146	20.794	ug/l	100
74) N-amyl acetate	12.07	43	175104	18.206	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.51	83	193836	21.760	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	228021	36.349	ug/l #	100
77) Bromobenzene	12.53	156	211970	20.765	ug/l	97
78) n-propylbenzene	12.59	91	911841	20.024	ug/l	99
79) 2-Chlorotoluene	12.68	91	551609	20.554	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	715797	20.344	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	49360	18.526	ug/l	97
82) 4-Chlorotoluene	12.77	91	545148	20.220	ug/l	100
83) tert-Butylbenzene	12.99	119	660682	20.956	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	721618	20.476	ug/l	99
85) sec-Butylbenzene	13.17	105	858665	20.590	ug/l	99
86) p-Isopropyltoluene	13.29	119	756354	20.459	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	365288	20.536	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	359256	20.519	ug/l	99
89) n-Butylbenzene	13.62	91	572281	19.578	ug/l	99
90) Hexachloroethane	13.88	117	132390	17.948	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	366866	20.747	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	29354	20.015	ug/l	97

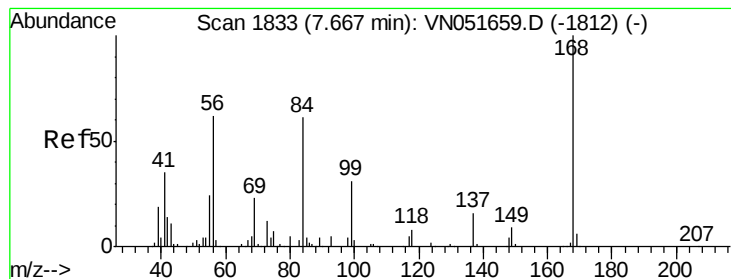
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101018\
Data File : VN051784.D
Acq On : 10 Oct 2018 12:26
Operator : MD\SY
Sample : VN1010MBS02
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 9 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBS02

Quant Time: Oct 11 01:55:34 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)
93) 1,2,4-Trichlorobenzene	14.91	180	159666	20.291	ug/l	99
94) Hexachlorobutadiene	15.01	225	114847	21.512	ug/l	99
95) Naphthalene	15.14	128	340508	20.039	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	166551	21.492	ug/l	100

(#) = 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: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

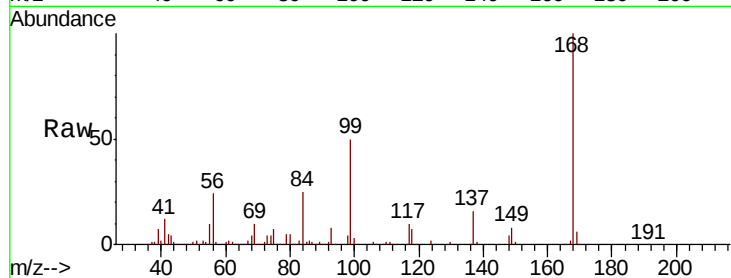
VN1010MBSD02

Tot Ion:168 Resp: 711595

Ion Ratio Lower Upper

168 100

99 50.1 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

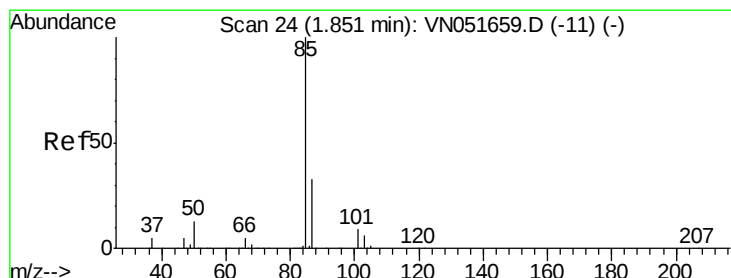
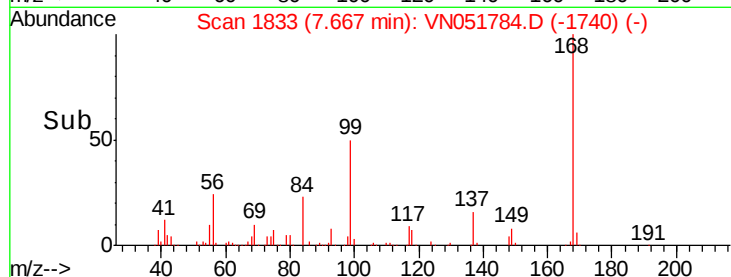
200000

100000

0

7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 18.780 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN051784.D

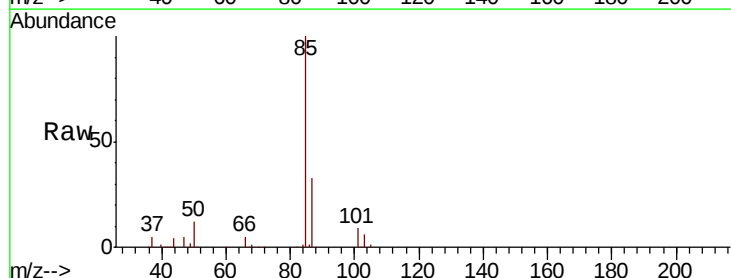
Acq: 10 Oct 2018 12:26

Tgt Ion: 85 Resp: 160599

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.85

120000

100000

80000

60000

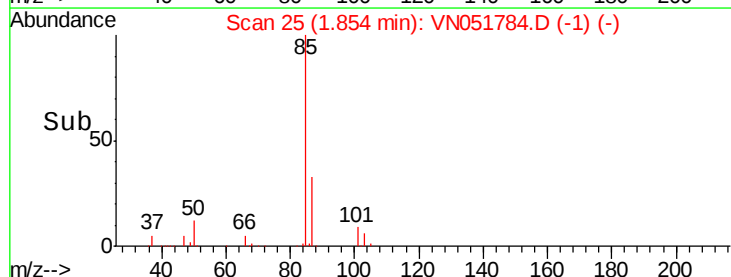
40000

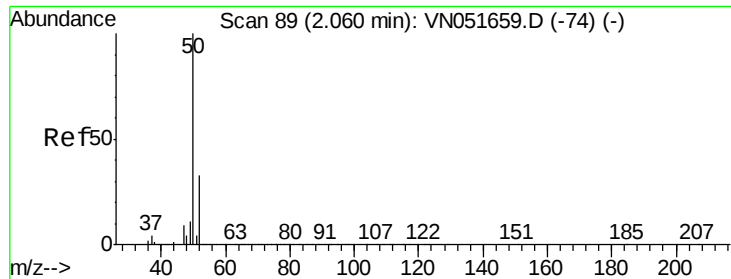
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.841 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

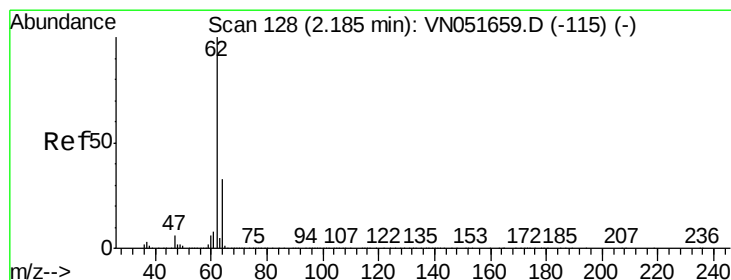
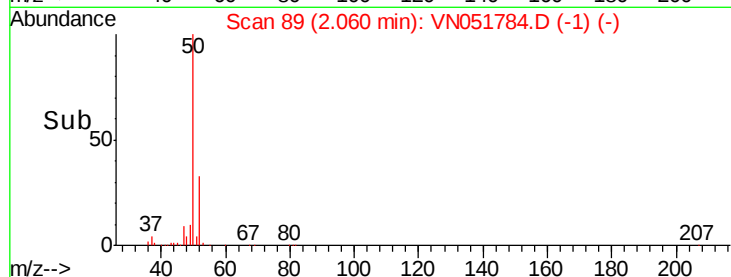
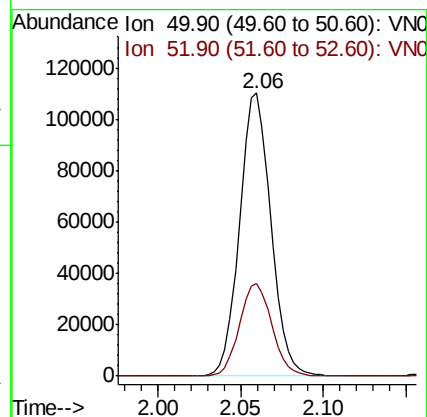
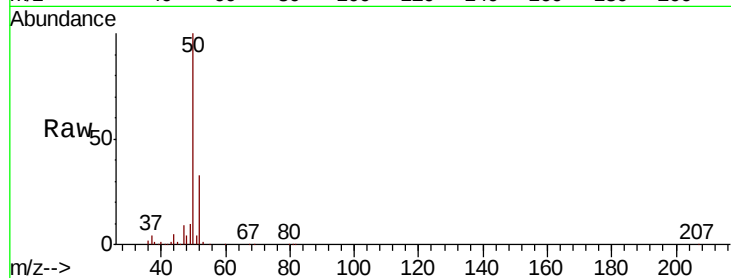
VN1010MBSD02

Tot Ion: 50 Resp: 144887

Ion Ratio Lower Upper

50 100

52 32.9 26.6 39.8



#4

Vinyl Chloride

Concen: 17.010 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051784.D

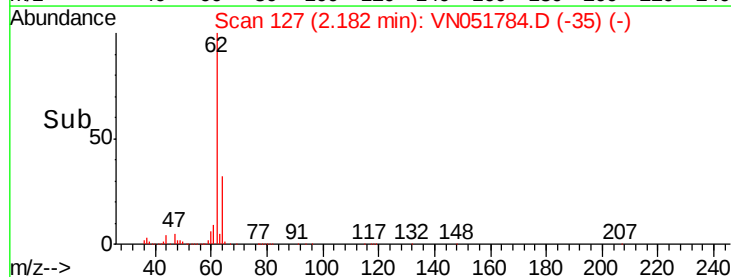
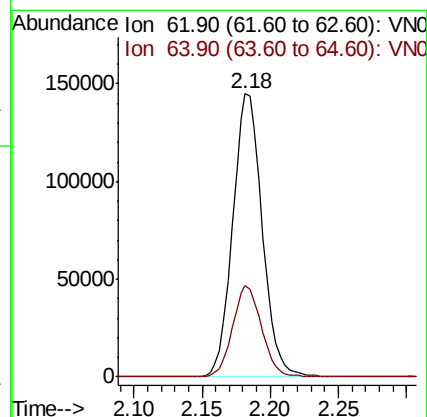
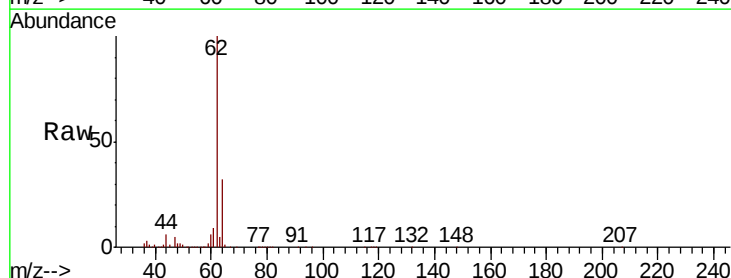
Acq: 10 Oct 2018 12:26

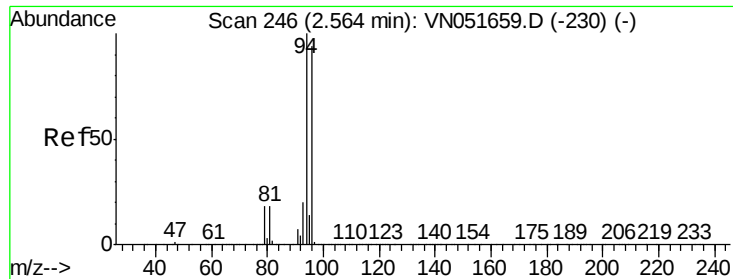
Tgt Ion: 62 Resp: 217598

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.4





#5

Bromomethane

Concen: 19.746 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

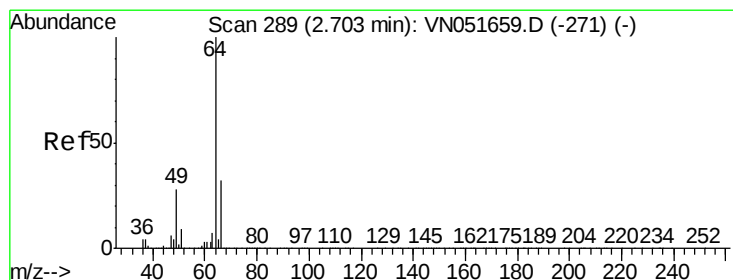
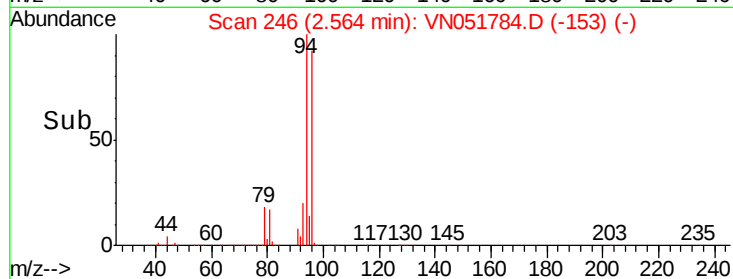
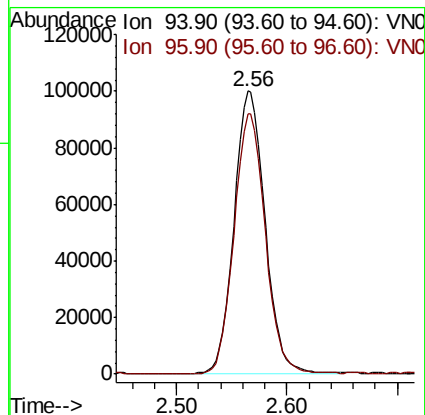
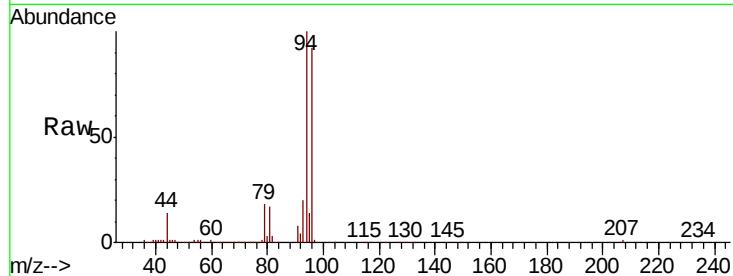
VN1010MBSD02

Tot Ion: 94 Resp: 194255

Ion Ratio Lower Upper

94 100

96 91.7 75.2 112.8



#6

Chloroethane

Concen: 17.536 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN051784.D

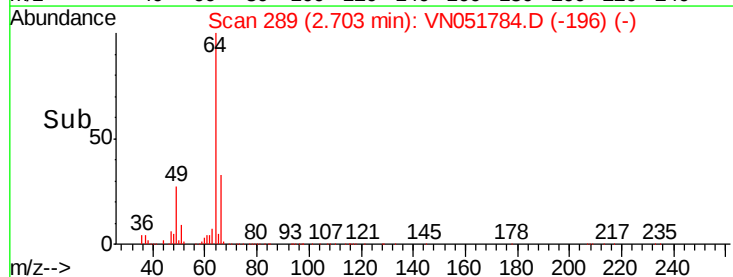
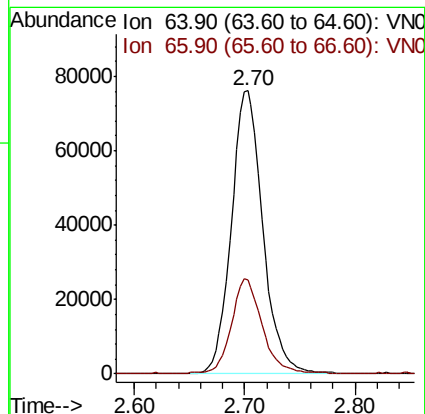
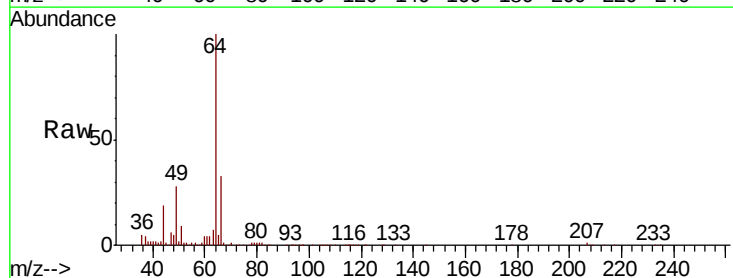
Acq: 10 Oct 2018 12:26

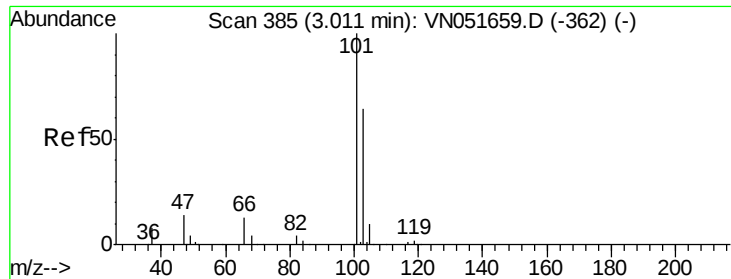
Tgt Ion: 64 Resp: 150768

Ion Ratio Lower Upper

64 100

66 33.0 26.0 39.0



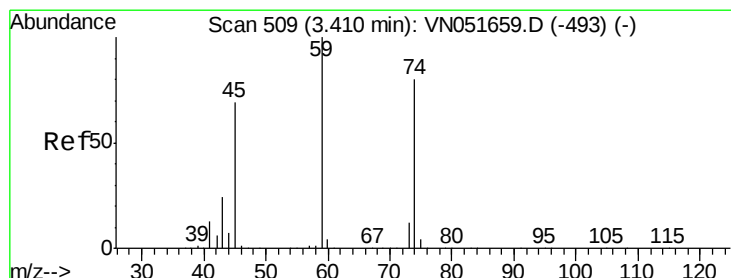
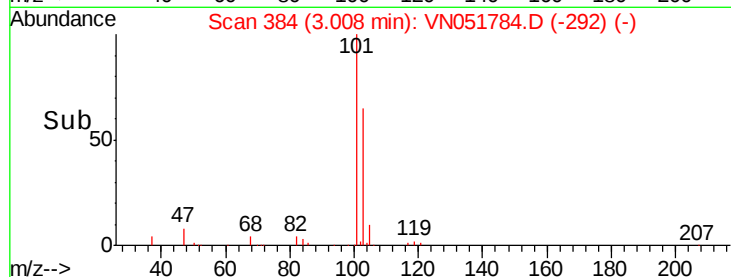
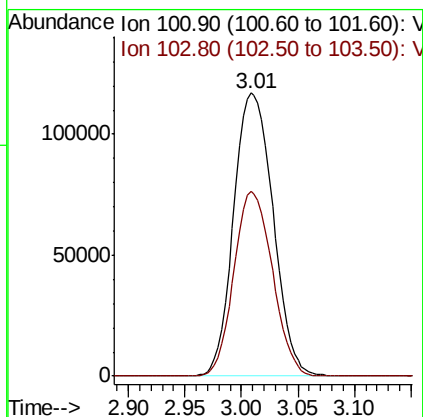
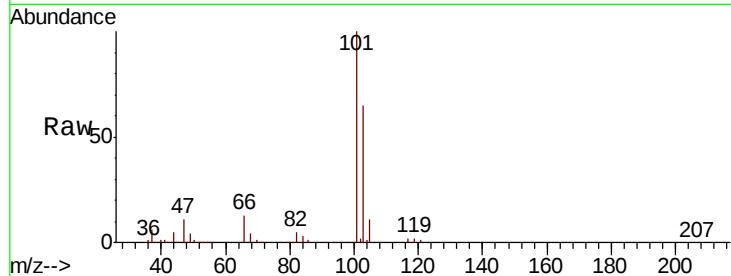


#7

Trichlorofluoromethane
 Concen: 20.550 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. -0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBSD02

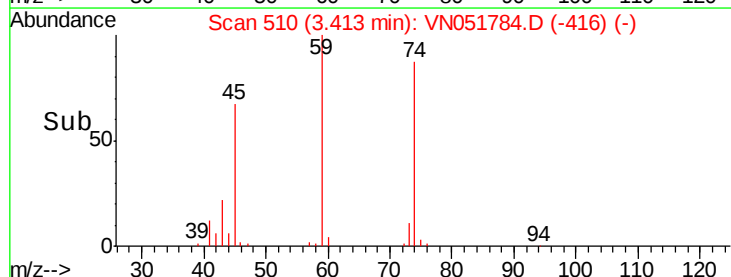
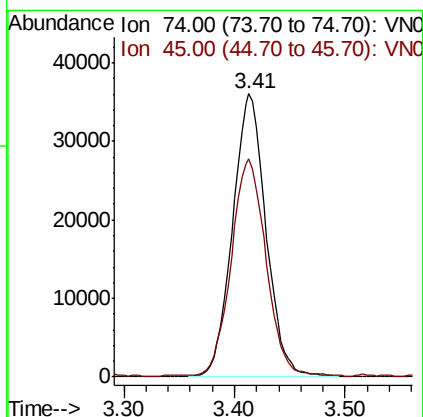
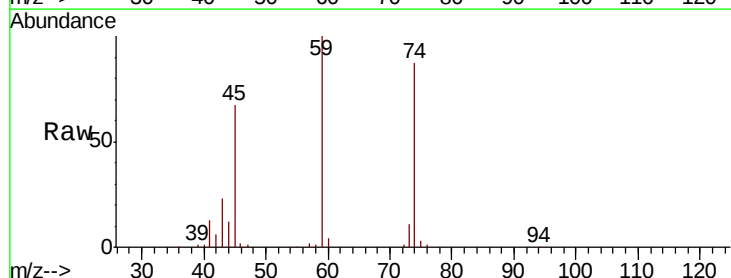
Tot Ion:101 Resp: 284286
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.1 76.7

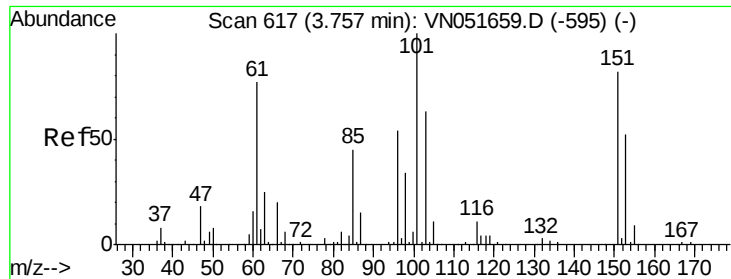


#8

Diethyl Ether
 Concen: 20.270 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Tgt Ion: 74 Resp: 75562
 Ion Ratio Lower Upper
 74 100
 45 81.1 44.3 132.9

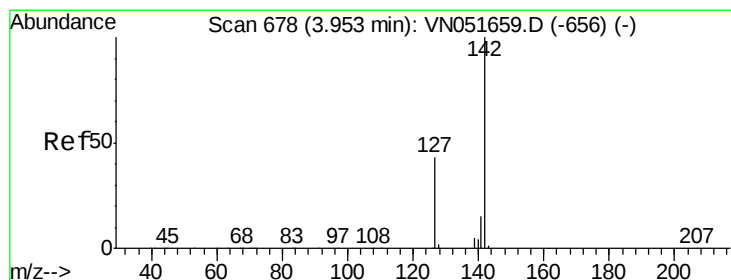
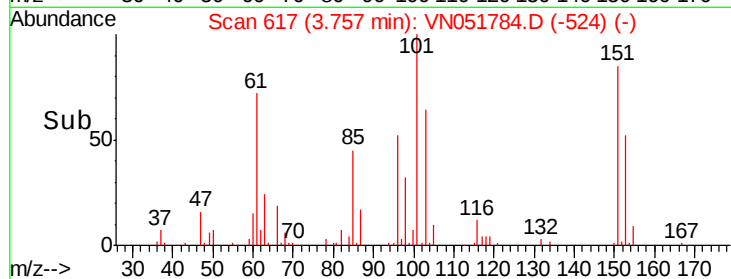
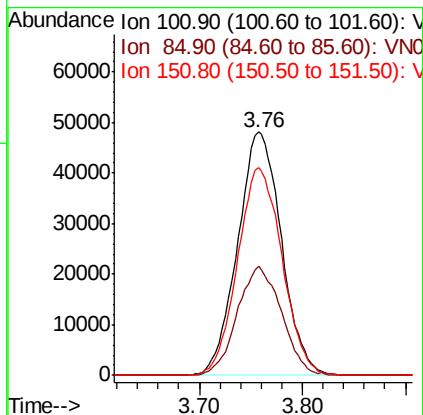
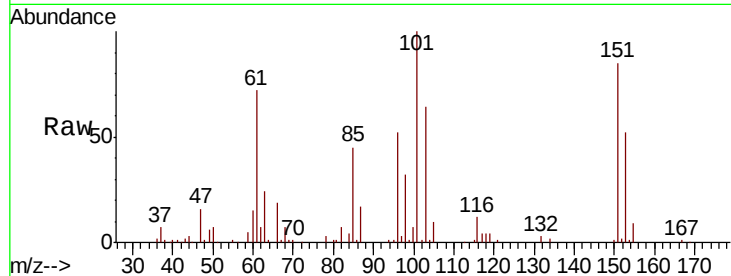




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.926 ug/l
 RT: 3.76 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

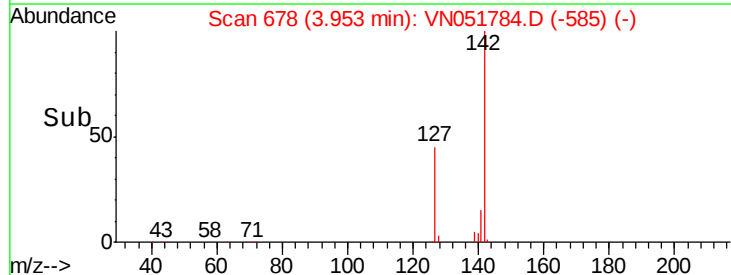
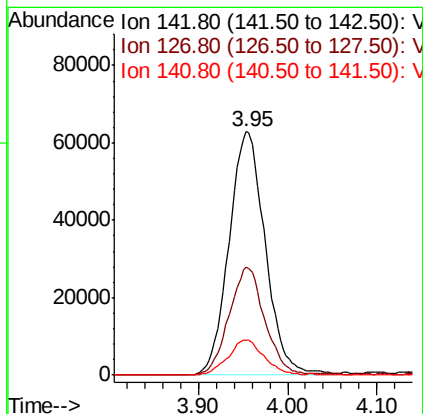
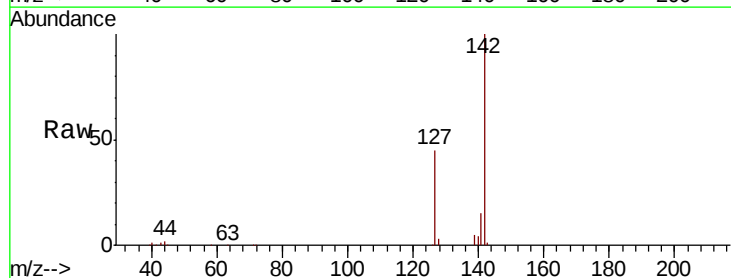
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBSD02

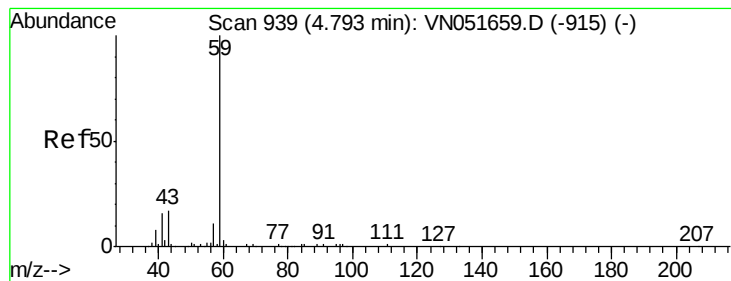
Tot Ion:101 Resp: 141674
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.6 53.4
 151 86.9 65.5 98.3



#10
 Methyl Iodide
 Concen: 20.294 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Tgt Ion:142 Resp: 177081
 Ion Ratio Lower Upper
 142 100
 127 43.7 34.7 52.1
 141 14.4 11.4 17.2





#11

Tert butyl alcohol

Concen: 49.204 ug/l

RT: 4.79 min Scan# 938

Delta R.T. -0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

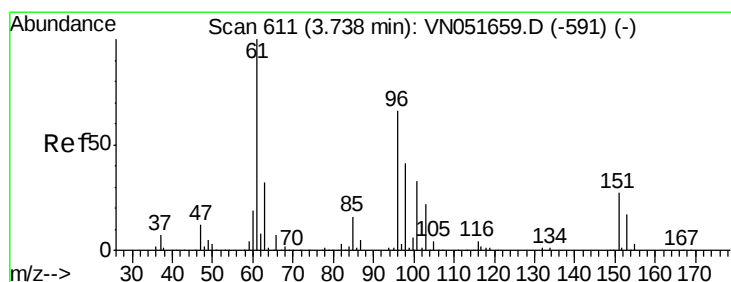
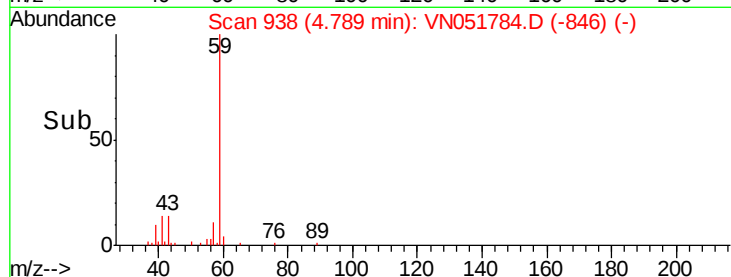
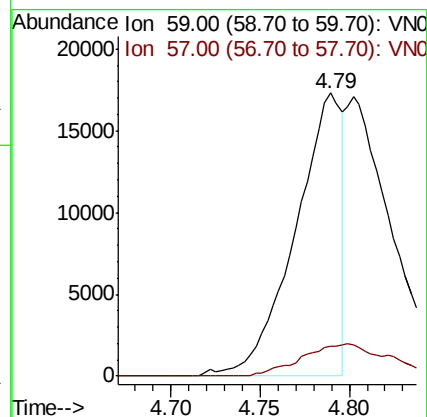
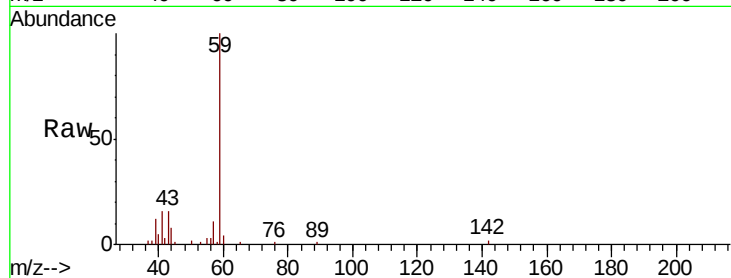
VN1010MBSD02

Tot Ion: 59 Resp: 31435

Ion Ratio Lower Upper

59 100

57 21.0 8.1 12.1#



#12

1,1-Dichloroethene

Concen: 19.686 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

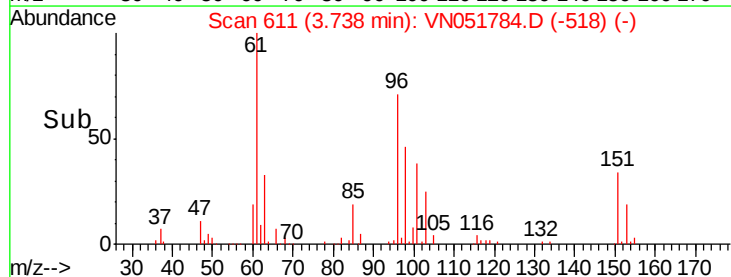
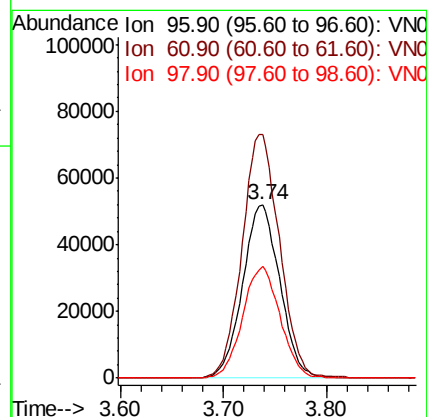
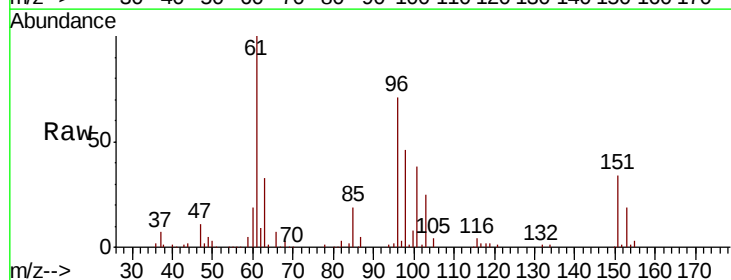
Tgt Ion: 96 Resp: 130458

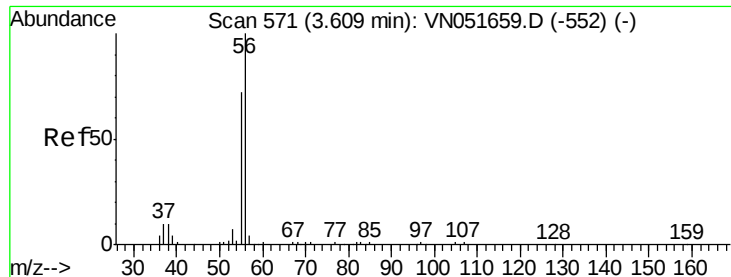
Ion Ratio Lower Upper

96 100

61 139.9 121.4 182.0

98 64.4 49.9 74.9





#13

Acrolein

Concen: 47.264 ug/l

RT: 3.61 min Scan# 572

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

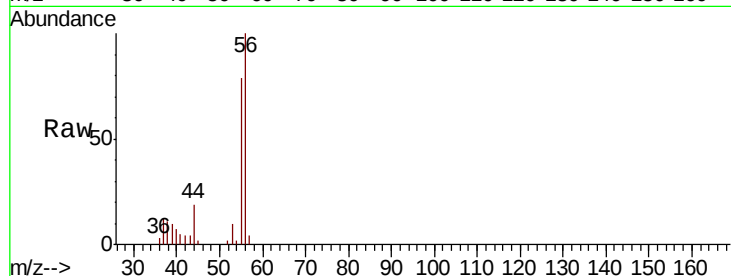
VN1010MBSD02

Tot Ion: 56 Resp: 22737

Ion Ratio Lower Upper

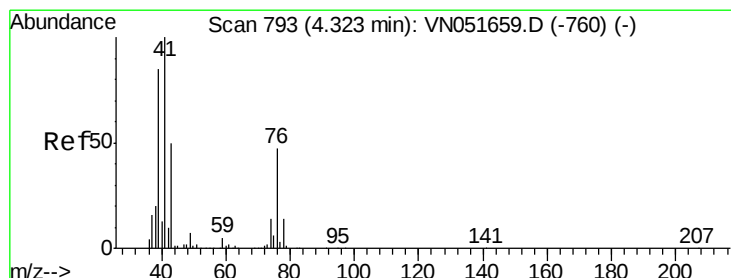
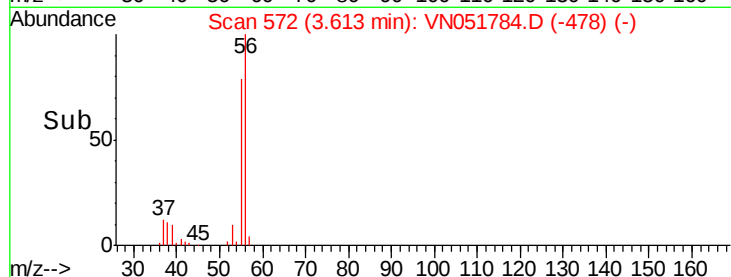
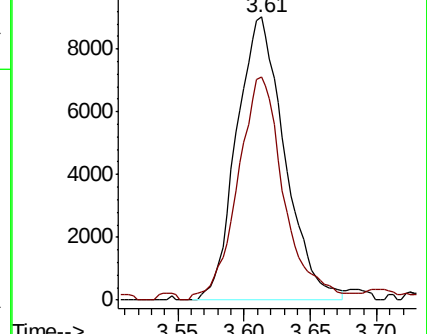
56 100

55 75.6 57.5 86.3



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.595 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

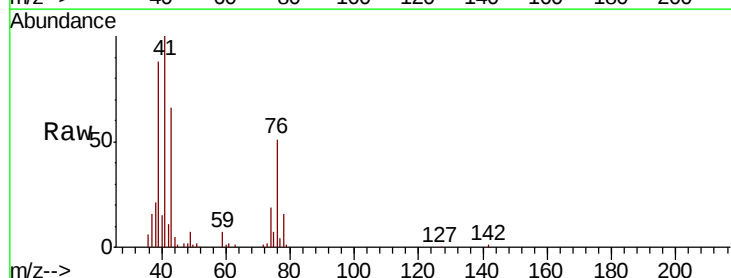
Tgt Ion: 41 Resp: 167732

Ion Ratio Lower Upper

41 100

39 84.5 65.4 98.0

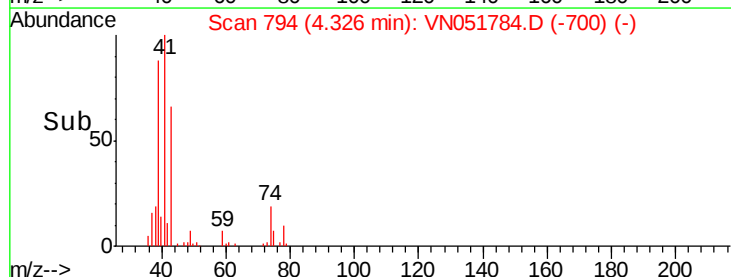
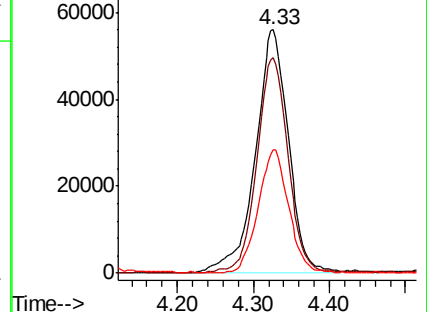
76 47.2 34.3 51.5

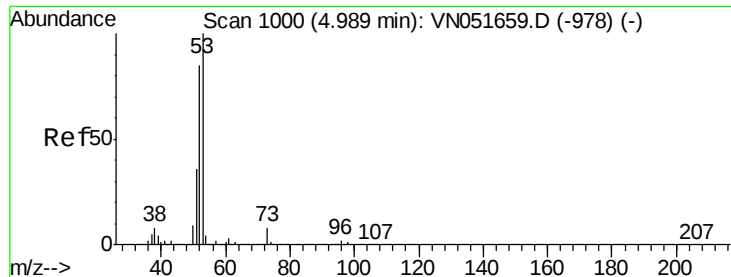


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 98.440 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

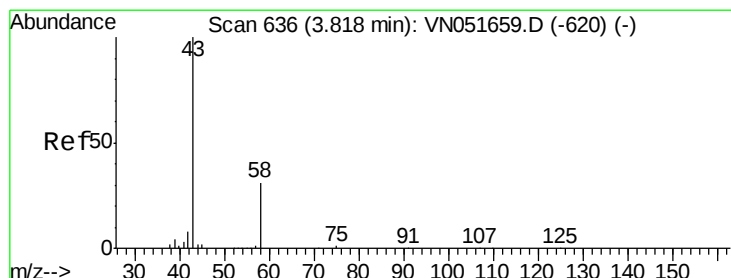
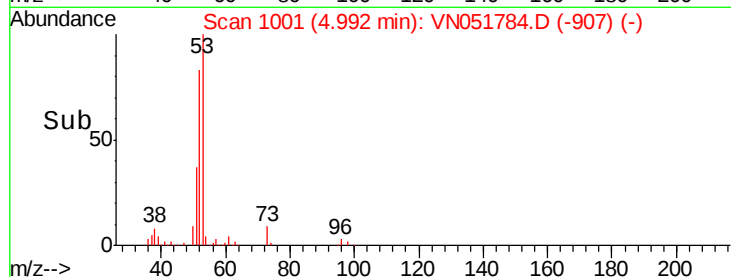
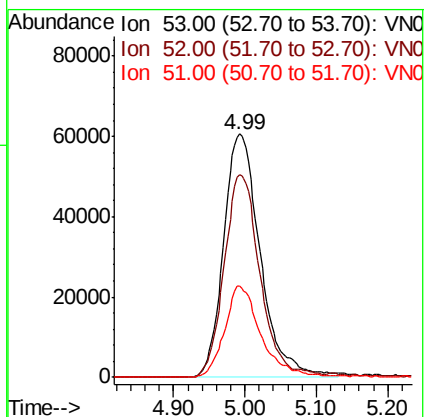
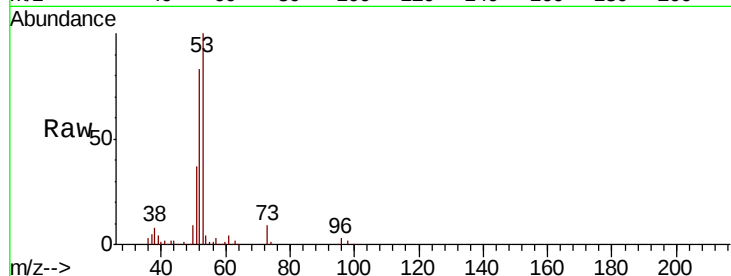
Tot Ion: 53 Resp: 217022

Ion Ratio Lower Upper

53 100

52 81.6 66.2 99.2

51 37.2 30.3 45.5



#16

Acetone

Concen: 100.990 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051784.D

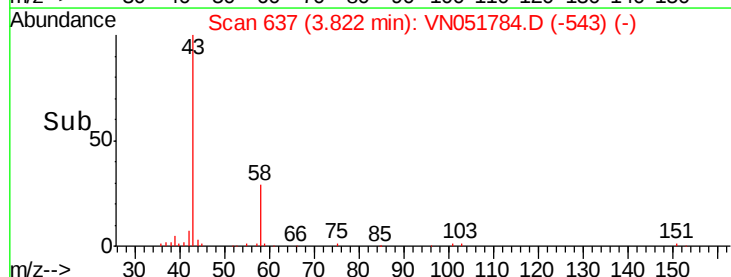
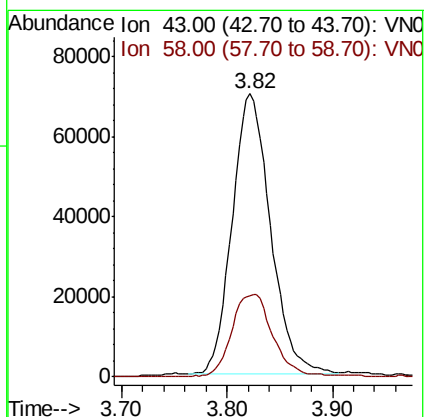
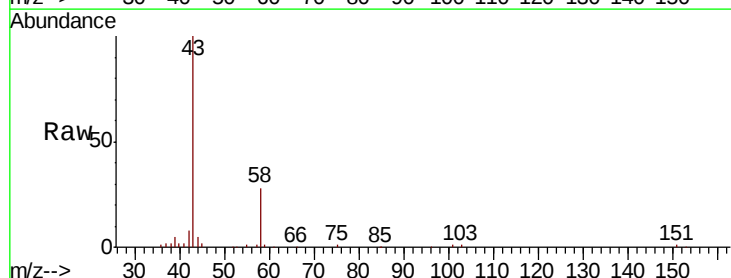
Acq: 10 Oct 2018 12:26

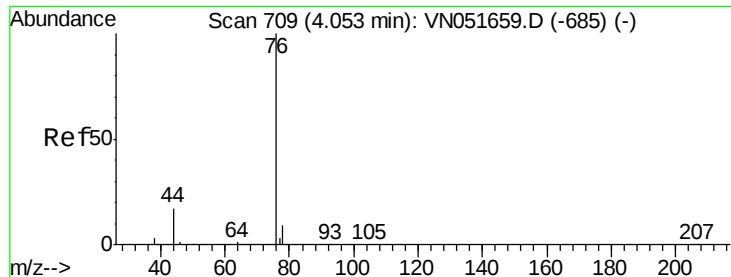
Tgt Ion: 43 Resp: 176681

Ion Ratio Lower Upper

43 100

58 28.8 24.3 36.5





#17

Carbon Disulfide

Concen: 15.955 ug/l

RT: 4.05 min Scan# 709

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

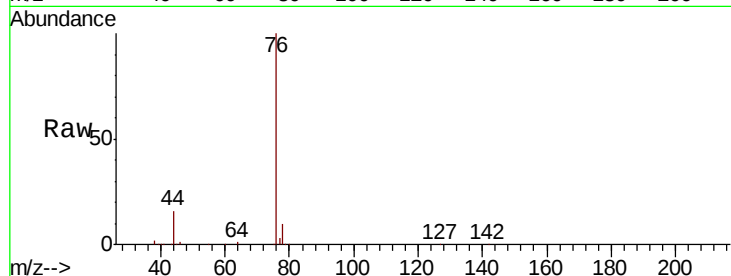
VN1010MBSD02

Tot Ion: 76 Resp: 321376

Ion Ratio Lower Upper

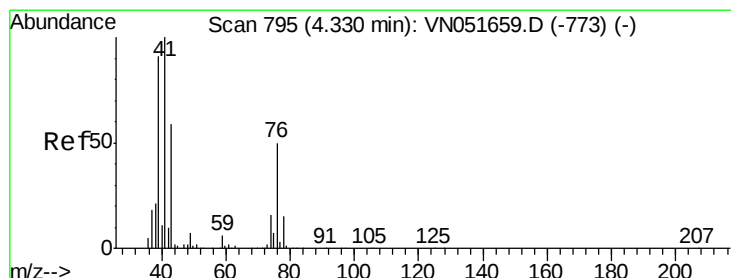
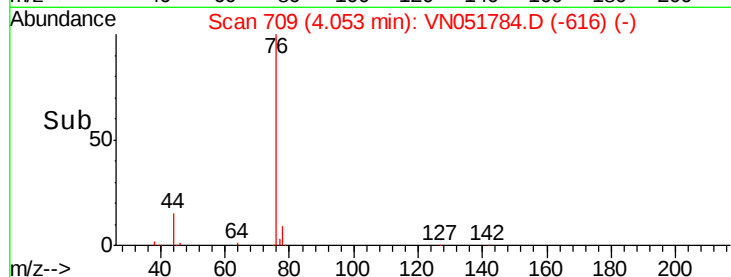
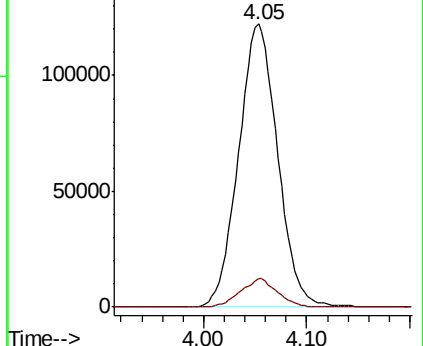
76 100

78 9.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.738 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN051784.D

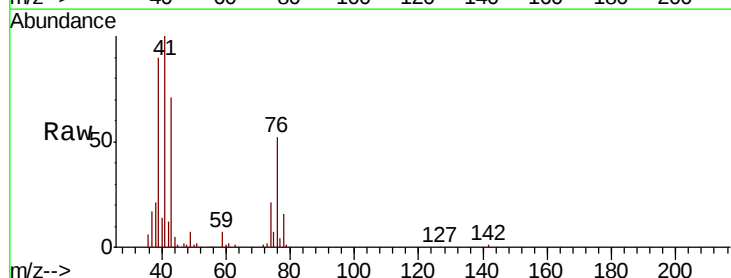
Acq: 10 Oct 2018 12:26

Tgt Ion: 43 Resp: 112791

Ion Ratio Lower Upper

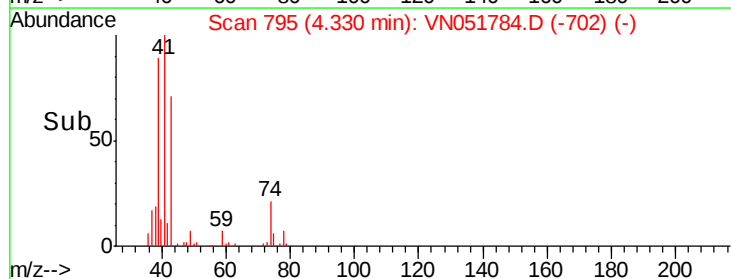
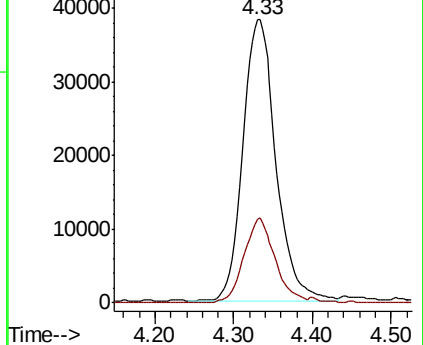
43 100

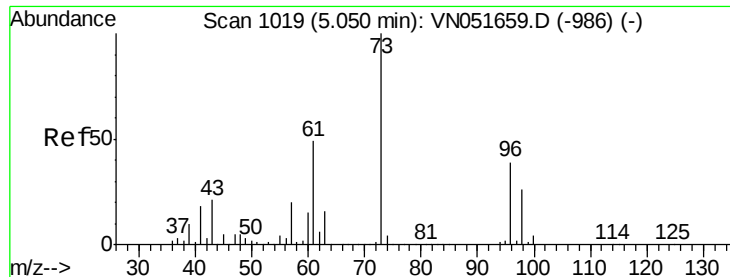
74 28.3 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



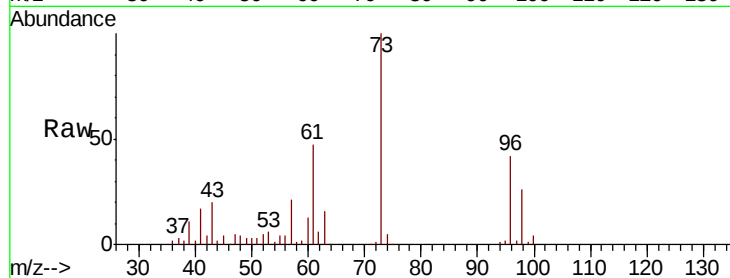


#19

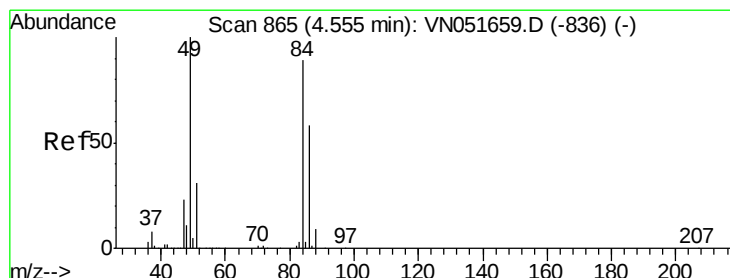
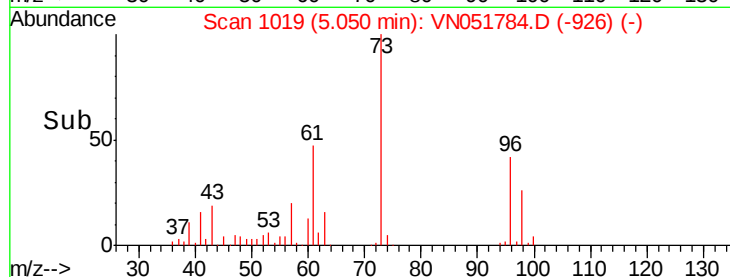
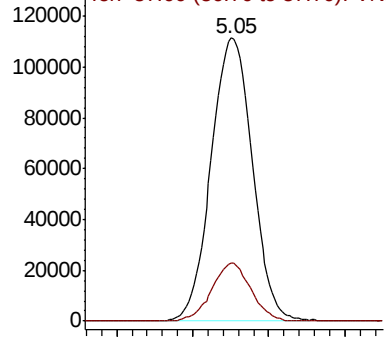
Methyl tert-butyl Ether
 Concen: 19.215 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1010MBSD02

Tot Ion: 73 Resp: 420296
 Ion Ratio Lower Upper
 73 100
 57 20.5 15.6 23.4



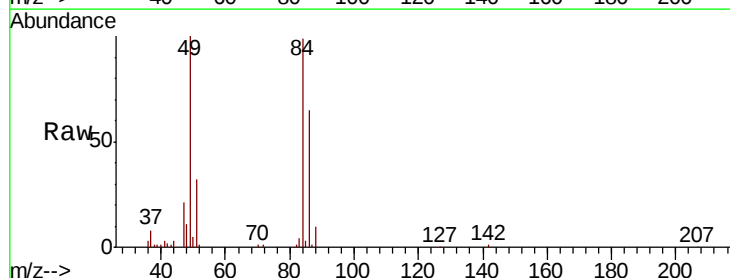
Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



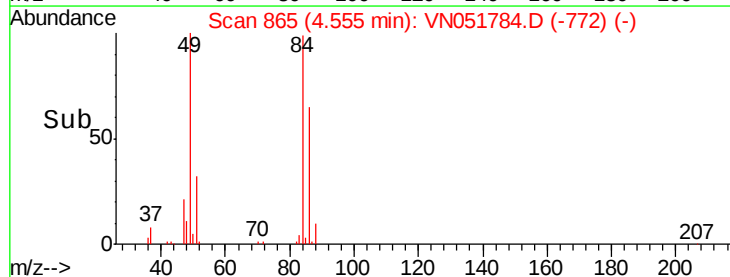
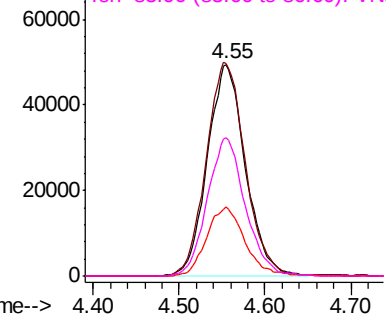
#20

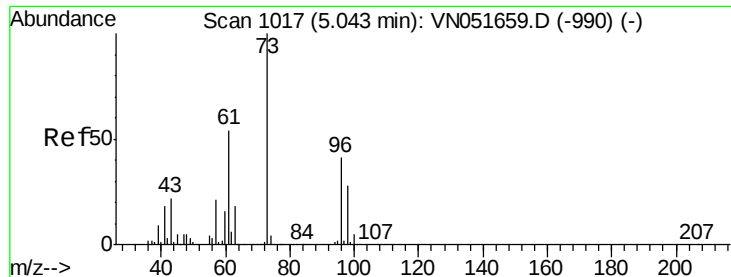
Methylene Chloride
 Concen: 19.669 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Tgt Ion: 84 Resp: 152125
 Ion Ratio Lower Upper
 84 100
 49 100.6 89.5 134.3
 51 32.7 27.4 41.0
 86 65.1 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VN0
 Ion 48.90 (48.60 to 49.60): VN0
 Ion 50.90 (50.60 to 51.60): VN0
 Ion 85.90 (85.60 to 86.60): VN0





#21

trans-1,2-Dichloroethene

Concen: 19.056 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampled :

VN1010MBSD02

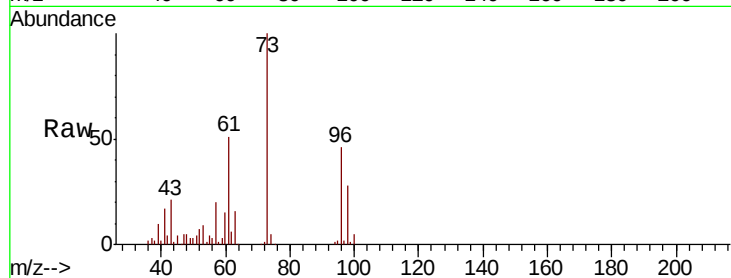
Tot Ion: 96 Resp: 149642

Ion Ratio Lower Upper

96 100

61 110.1 104.7 157.1

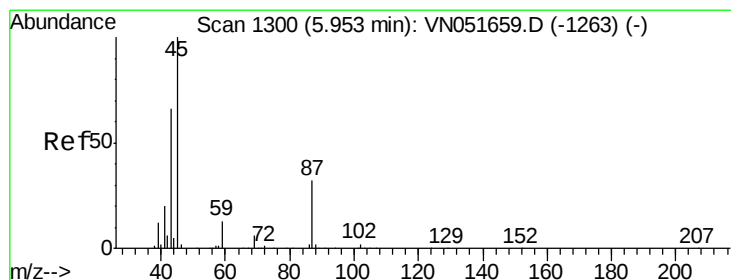
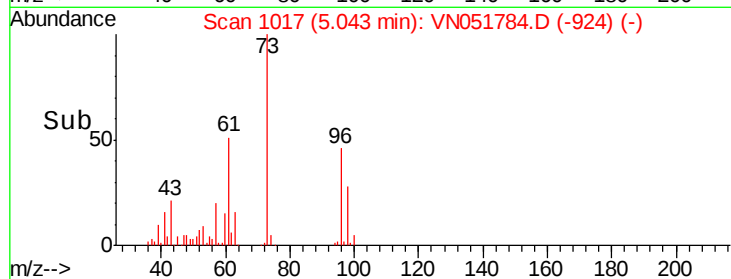
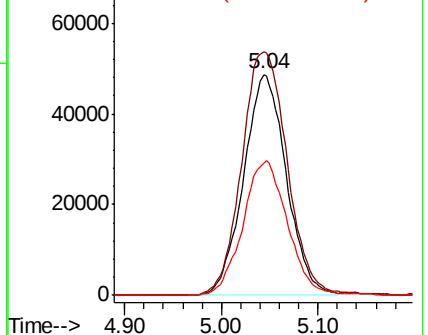
98 59.9 54.6 82.0



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



#22

Diisopropyl ether

Concen: 17.438 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Tgt Ion: 45 Resp: 377813

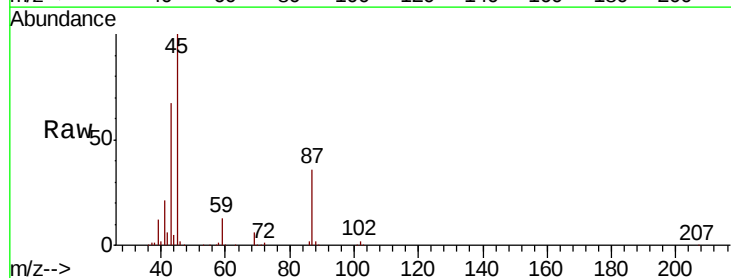
Ion Ratio Lower Upper

45 100

43 63.7 53.0 79.4

87 35.8 26.4 39.6

59 12.9 10.0 15.0

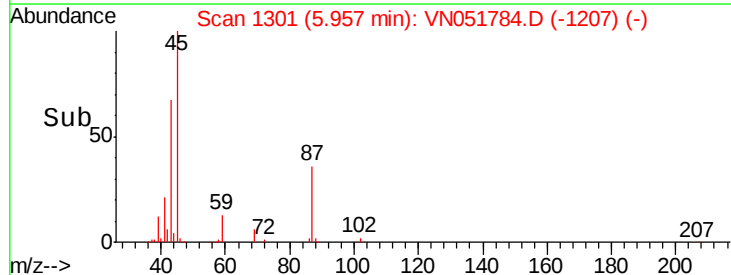
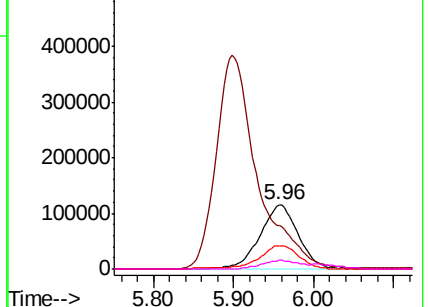


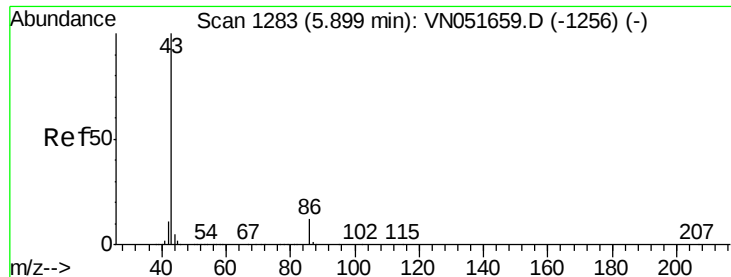
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 85.525 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleID :

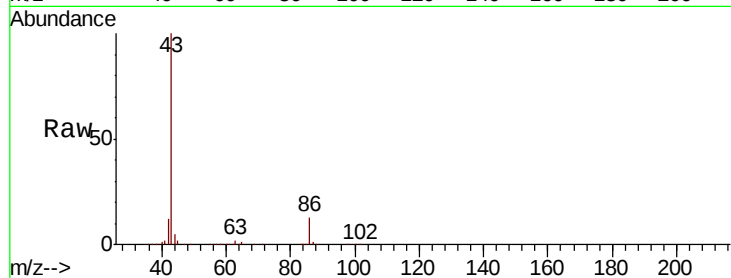
VN1010MBSD02

Tot Ion: 43 Resp: 1362470

Ion Ratio Lower Upper

43 100

86 13.4 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1256) (-)

Ion 86.00 (85.70 to 86.70): VN051659.D (-1256) (-)

5.90

400000

300000

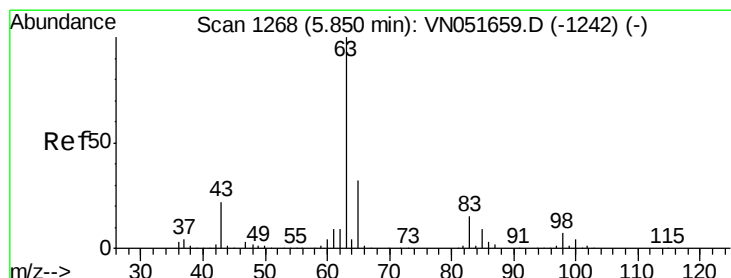
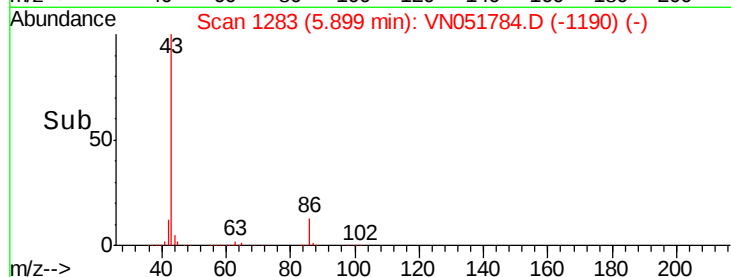
200000

100000

0

Time-->

5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 18.316 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

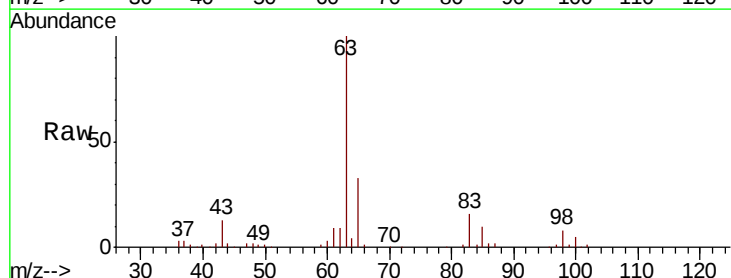
Tgt Ion: 63 Resp: 255215

Ion Ratio Lower Upper

63 100

98 8.0 3.3 9.9

100 4.8 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN051659.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VN051659.D (-1242) (-)

Ion 99.90 (99.60 to 100.60): VN051659.D (-1242) (-)

5.85

100000

80000

60000

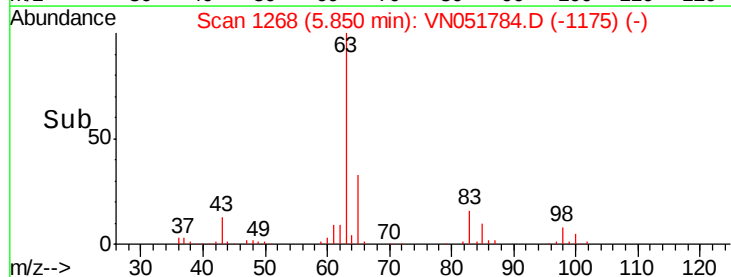
40000

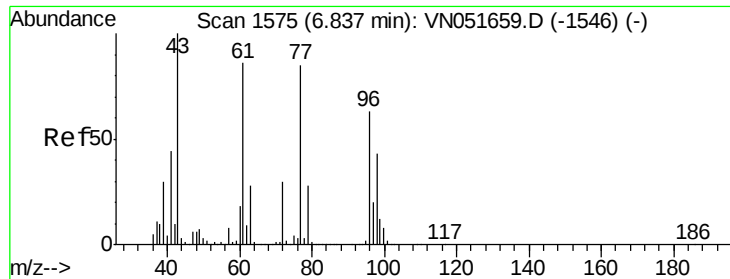
20000

0

Time-->

5.70 5.80 5.90 6.00





#25

2-Butanone

Concen: 96.404 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. 0.01 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleID :

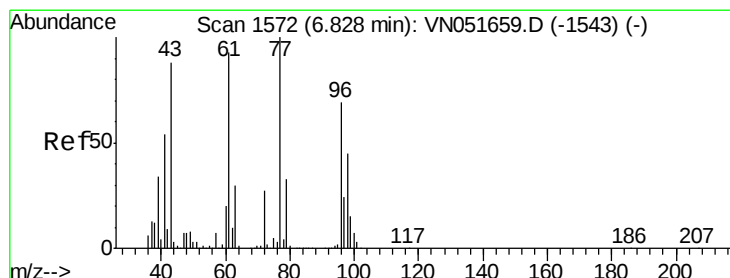
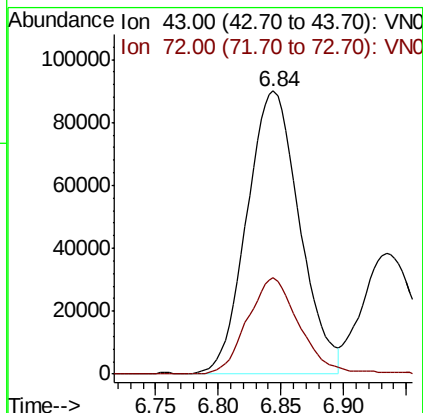
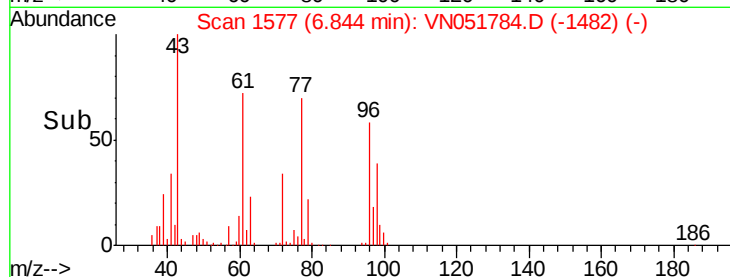
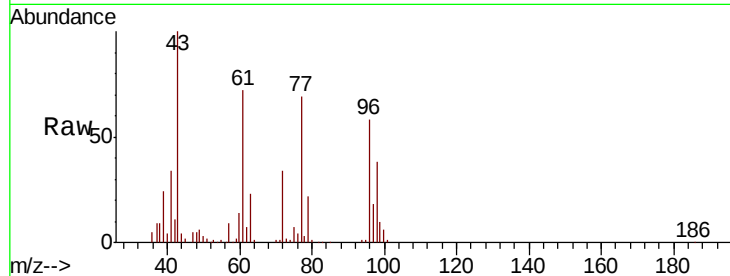
VN1010MBSD02

Tot Ion: 43 Resp: 261689

Ion Ratio Lower Upper

43 100

72 34.1 24.2 36.2



#26

2,2-Dichloropropane

Concen: 18.751 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN051784.D

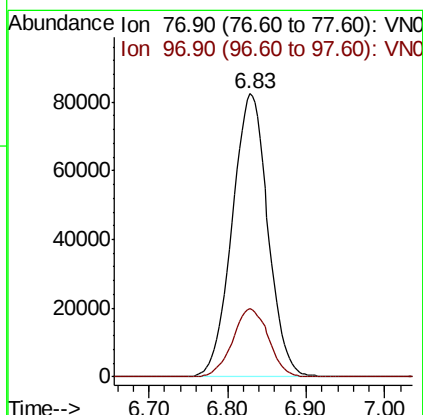
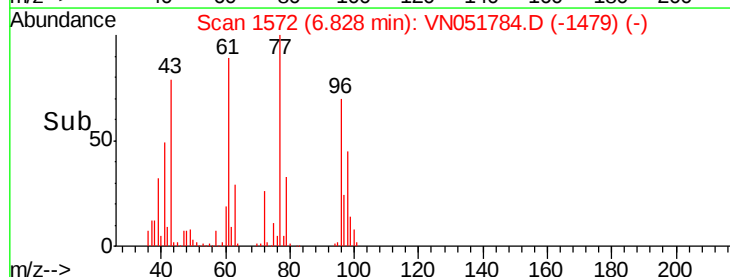
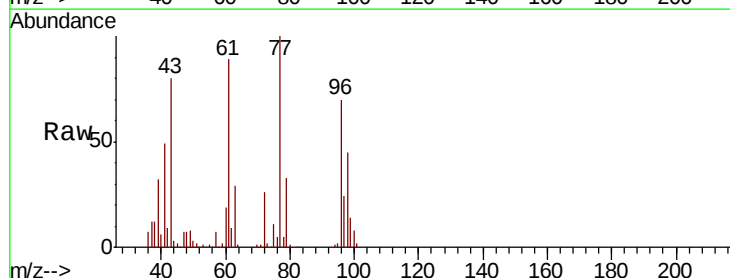
Acq: 10 Oct 2018 12:26

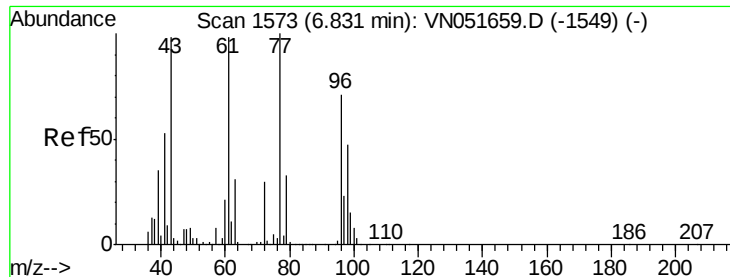
Tgt Ion: 77 Resp: 261828

Ion Ratio Lower Upper

77 100

97 24.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.487 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

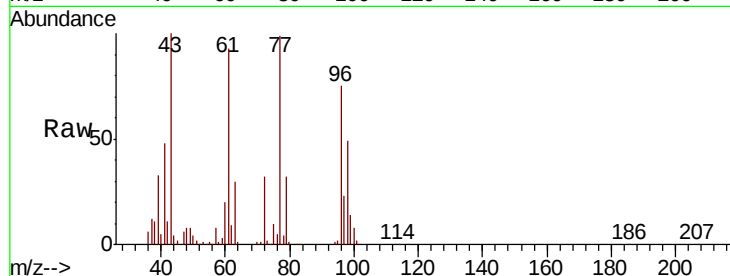
Tot Ion: 96 Resp: 177645

Ion Ratio Lower Upper

96 100

61 127.4 0.0 275.4

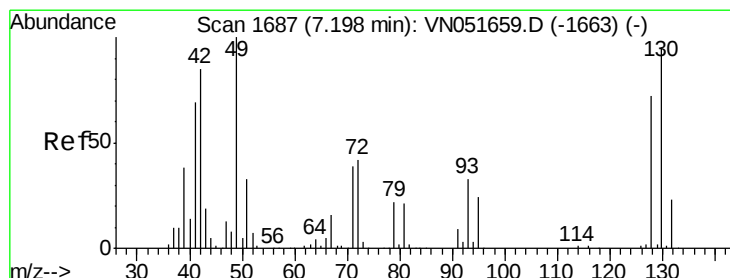
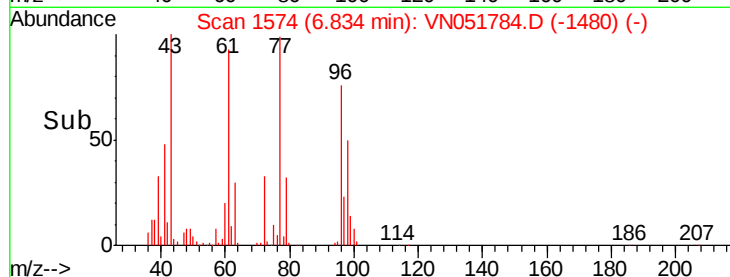
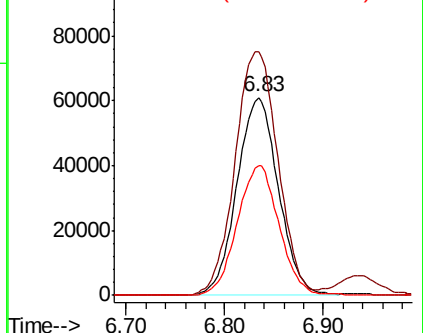
98 65.9 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN051659.D (-1549) (-)

Ion 60.90 (60.60 to 61.60): VN051659.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN051659.D (-1549) (-)



#28

Bromochloromethane

Concen: 17.574 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

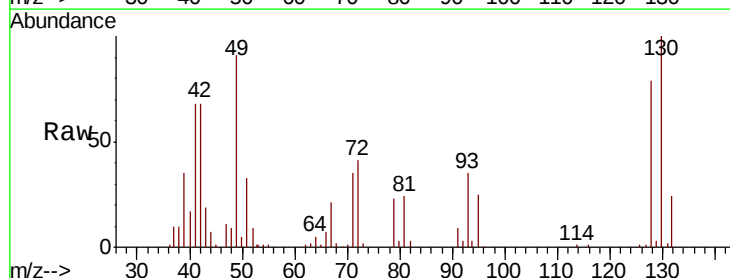
Tgt Ion: 49 Resp: 108413

Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

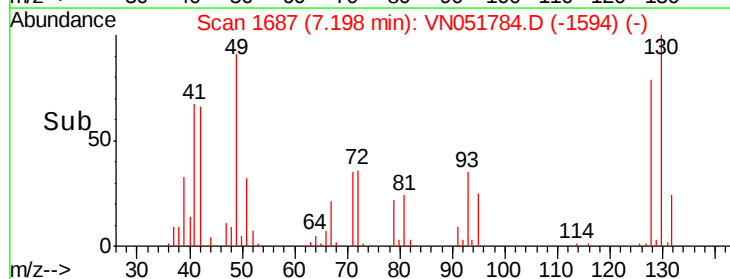
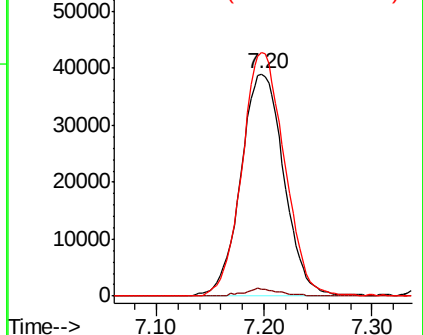
130 107.9 75.7 113.5



Abundance Ion 48.90 (48.60 to 49.60): VN051659.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN051659.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN051659.D (-1663) (-)





#29

Tetrahydrofuran

Concen: 95.059 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

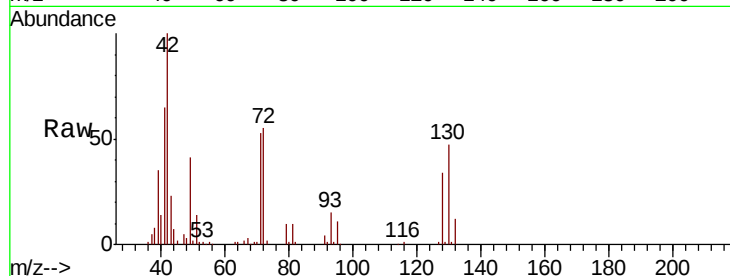
Tot Ion: 42 Resp: 158350

Ion Ratio Lower Upper

42 100

72 56.8 40.1 60.1

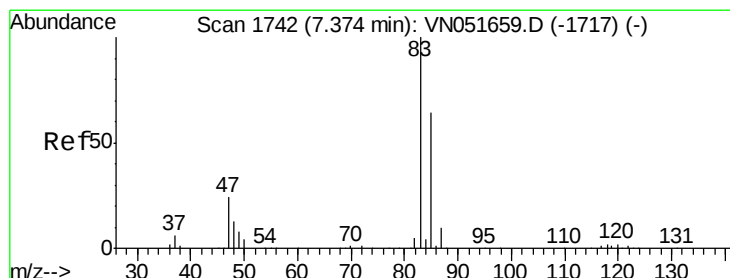
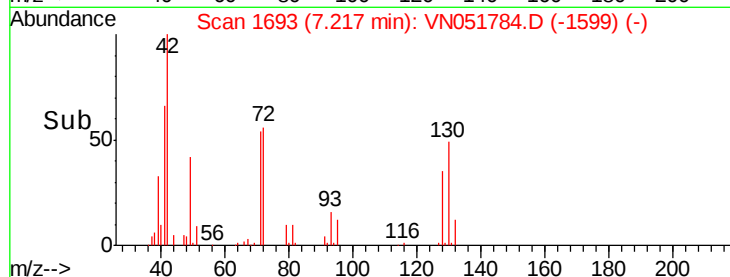
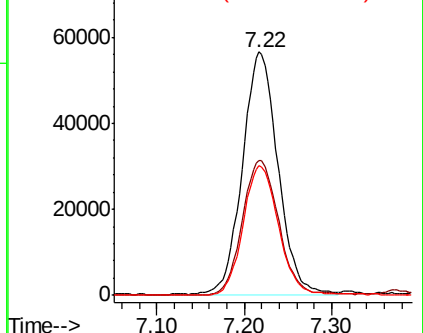
71 53.3 38.0 57.0



Abundance Ion 42.00 (41.70 to 42.70): VN051659.D (-1662) (-)

Ion 72.00 (71.70 to 72.70): VN051659.D (-1662) (-)

Ion 71.00 (70.70 to 71.70): VN051659.D (-1662) (-)



#30

Chloroform

Concen: 19.301 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051784.D

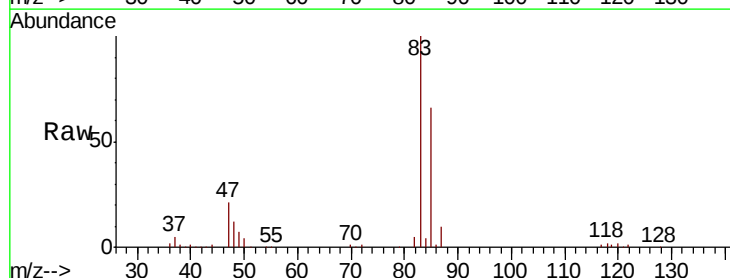
Acq: 10 Oct 2018 12:26

Tgt Ion: 83 Resp: 302165

Ion Ratio Lower Upper

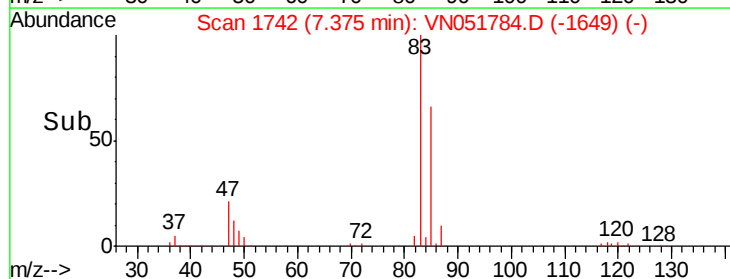
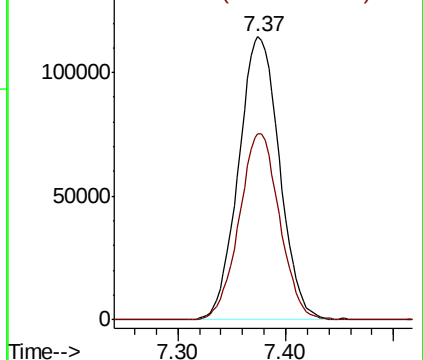
83 100

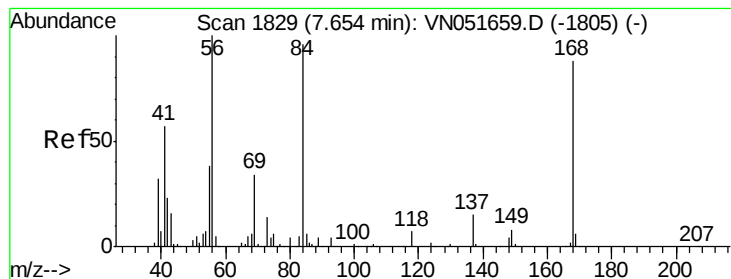
85 65.9 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VN051659.D (-1717) (-)

Ion 84.90 (84.60 to 85.60): VN051659.D (-1717) (-)





#31

Cvclohexane

Concen: 17.219 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

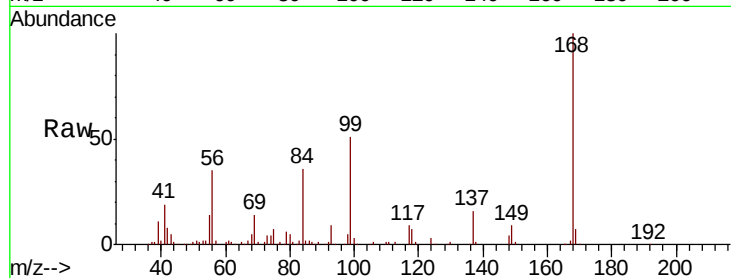
Tot Ion: 56 Resp: 219735

Ion Ratio Lower Upper

56 100

69 40.4 27.5 41.3

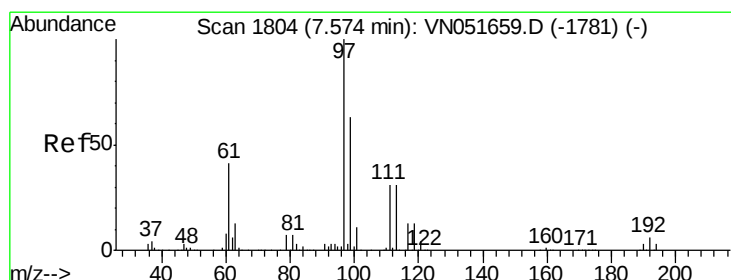
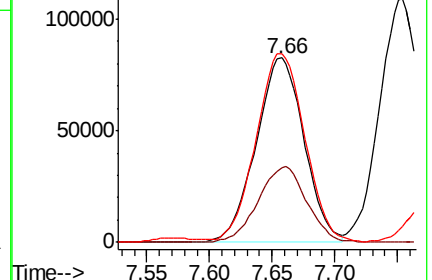
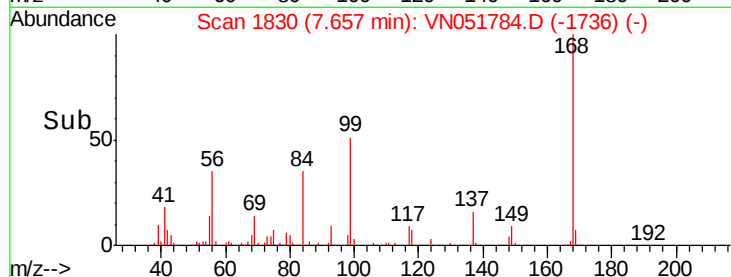
84 100.4 76.7 115.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.927 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

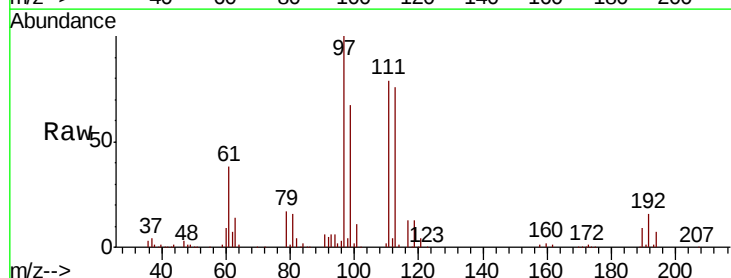
Tgt Ion: 97 Resp: 287218

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

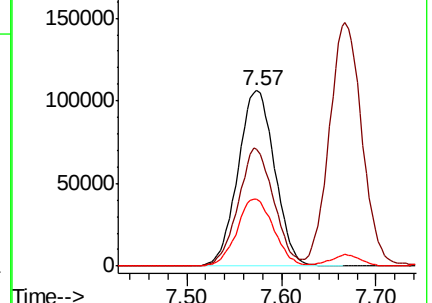
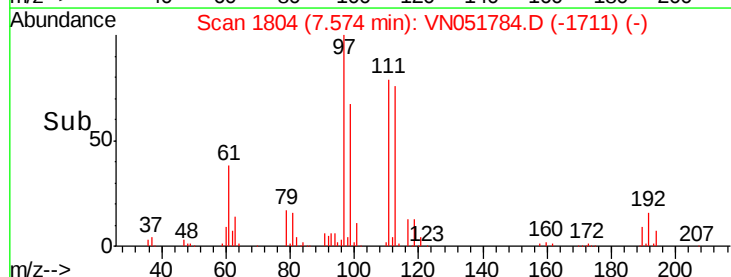
61 38.3 33.4 50.0

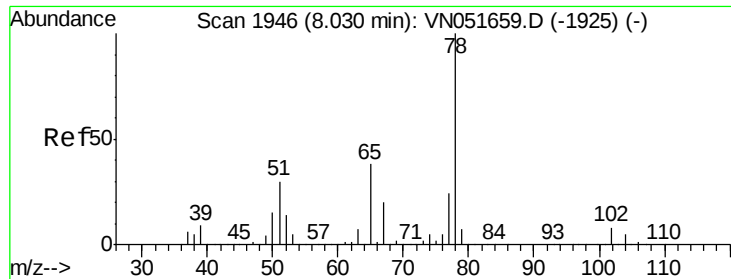


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

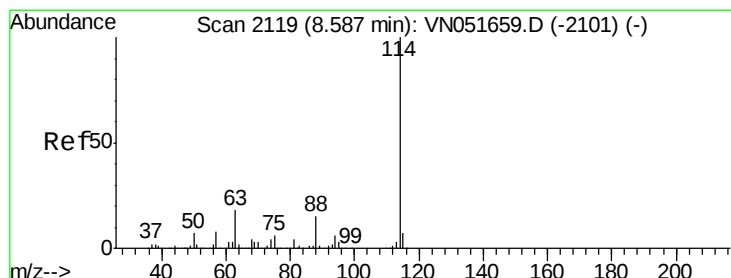
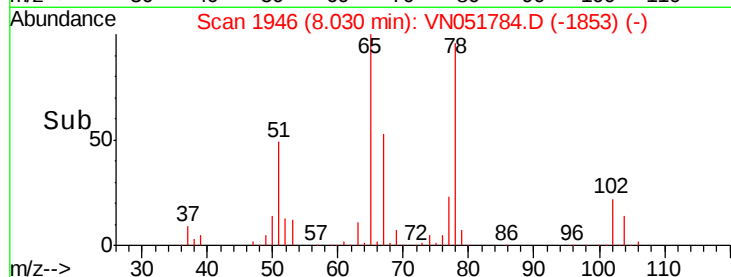
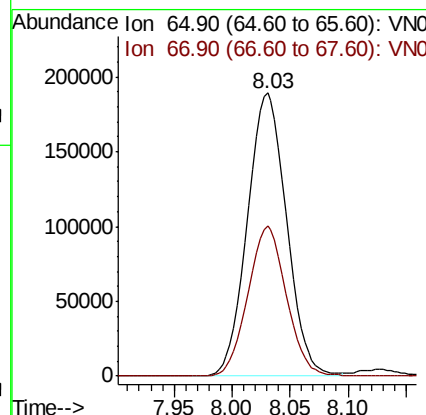
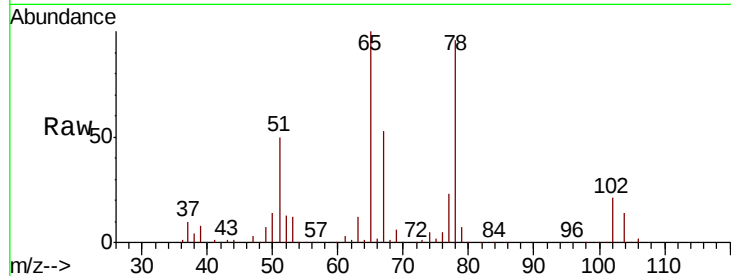




#33
 1,2-Dichloroethane-d4
 Concen: 18.927 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

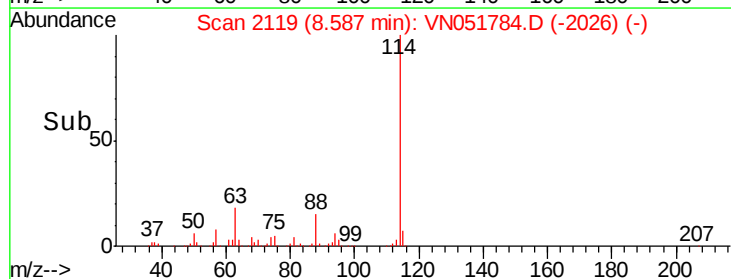
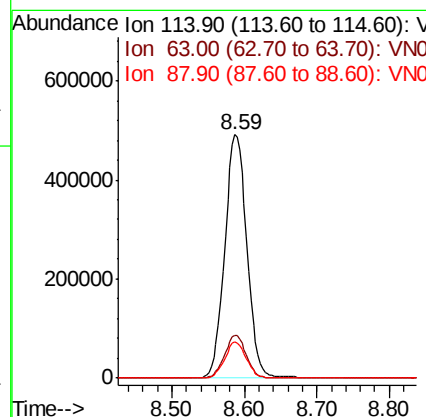
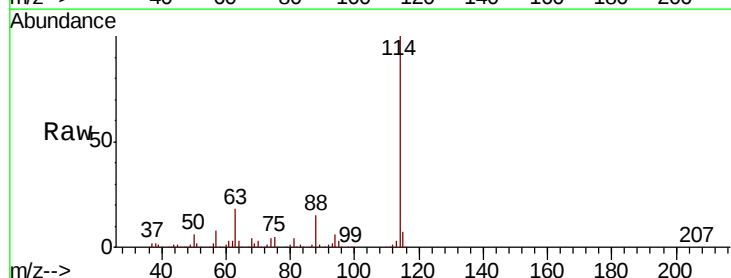
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBSD02

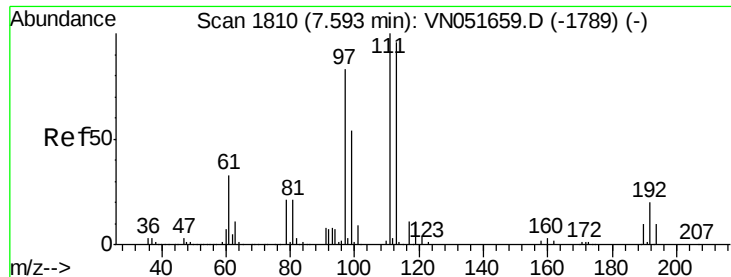
Tot Ion: 65 Resp: 444971
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Tgt Ion: 114 Resp: 1041748
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.2
 88 14.7 0.0 30.2

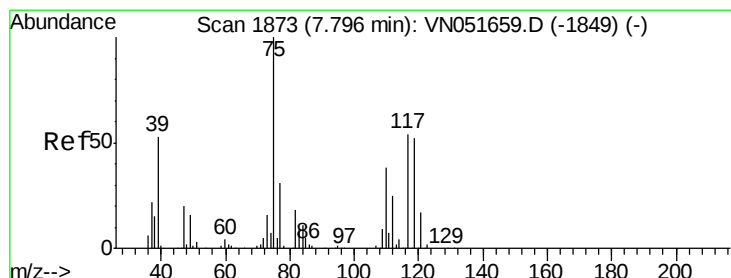
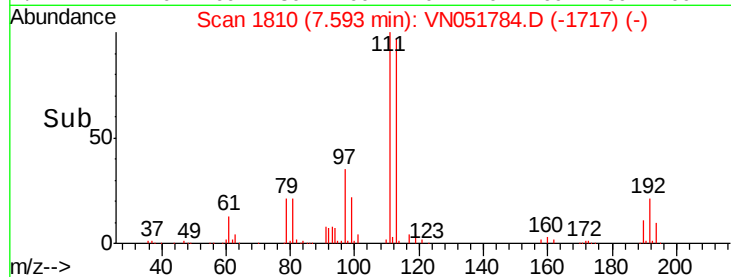
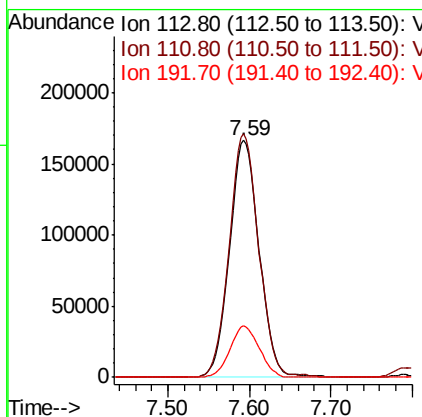
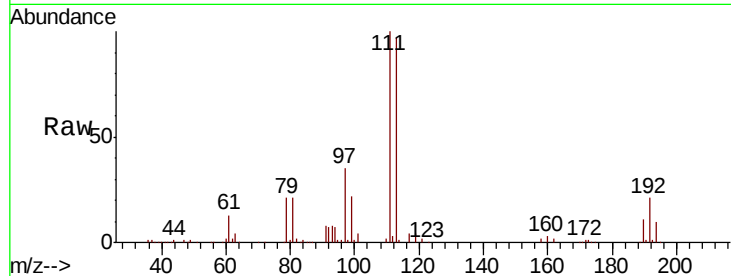




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

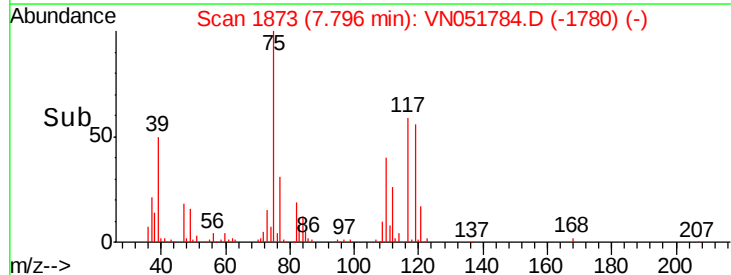
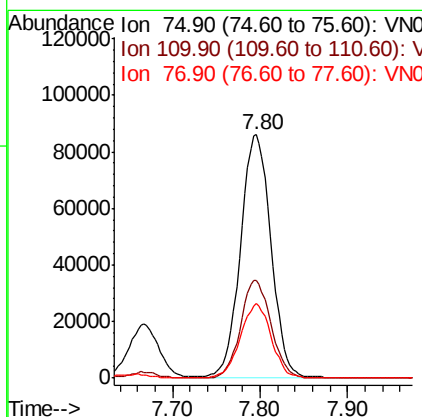
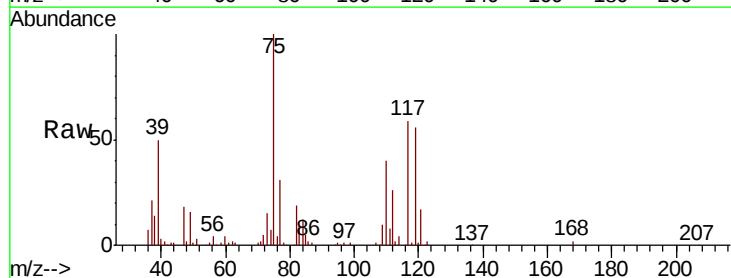
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBSD02

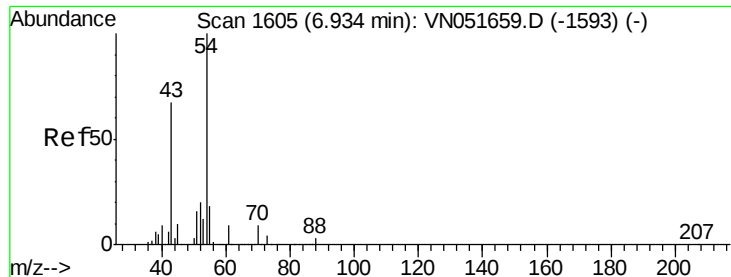
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	21.6	16.5	24.7



#36
 1,1-Dichloropropene
 Concen: 19.085 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.2	19.3	57.8
77	31.2	24.7	37.1

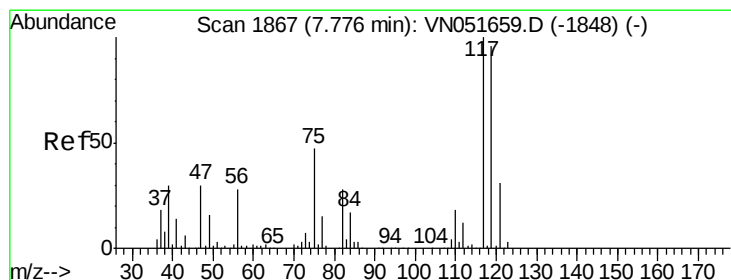
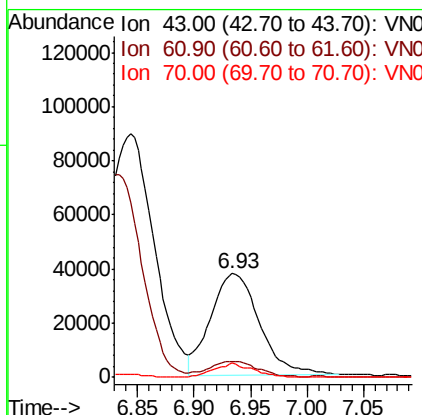
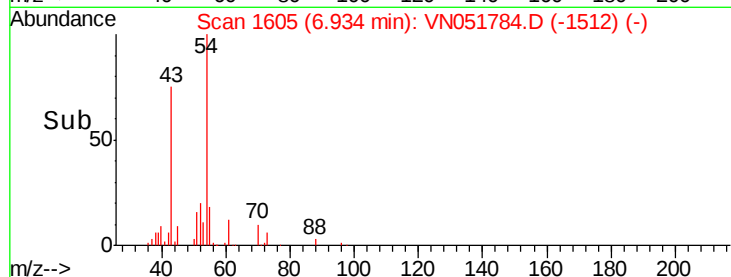
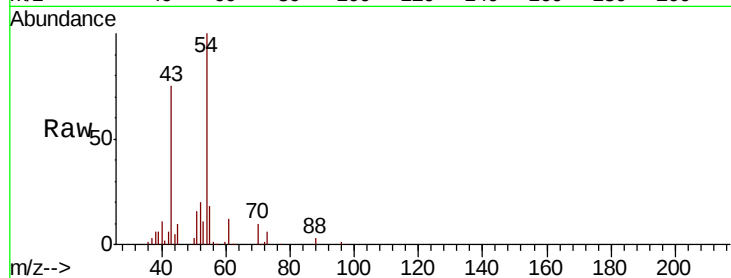




#37
Ethyl Acetate
Concen: 19.746 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

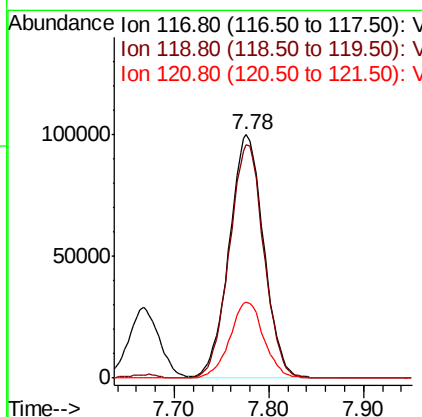
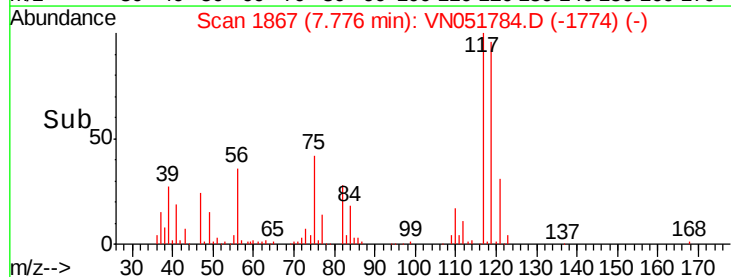
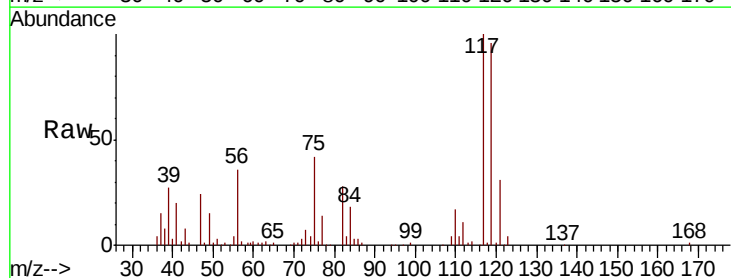
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBSD02

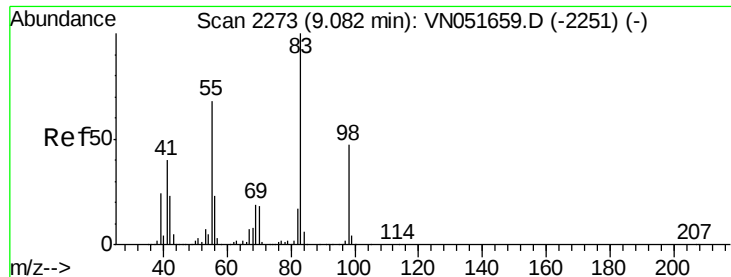
Tot Ion: 43 Resp: 112137
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.6
70 11.5 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.422 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

Tgt Ion: 117 Resp: 253766
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.6
121 31.0 25.0 37.6

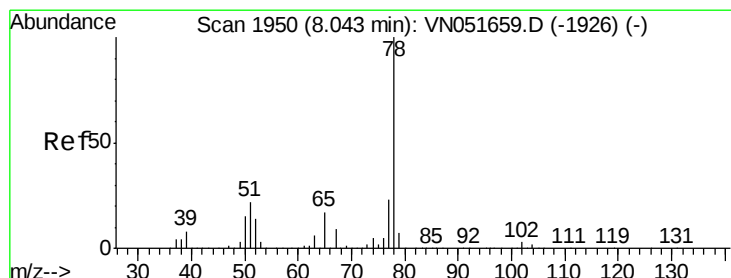
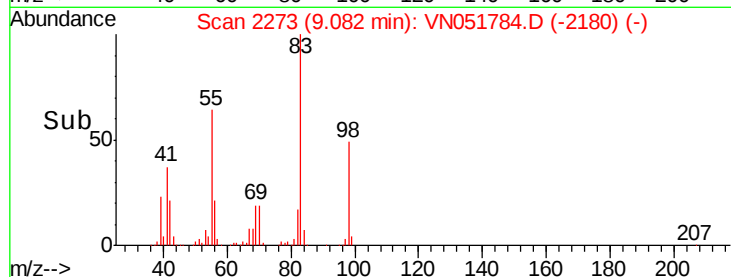
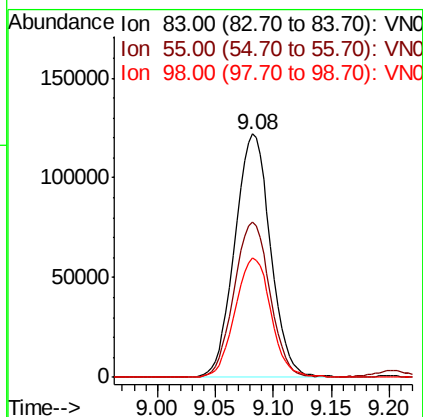
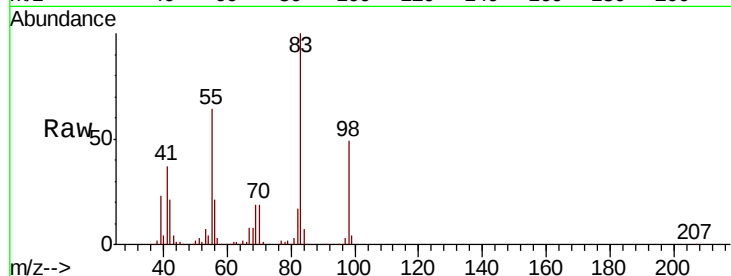




#39
Methvlcvclohexane
Concen: 19.108 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

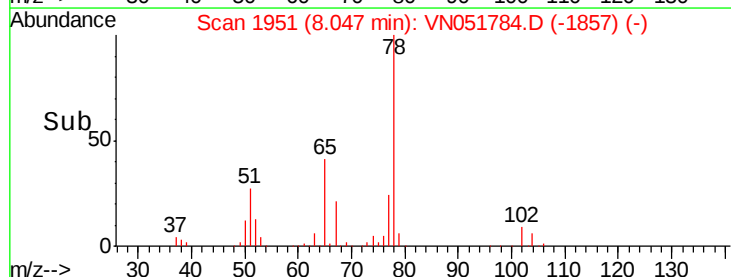
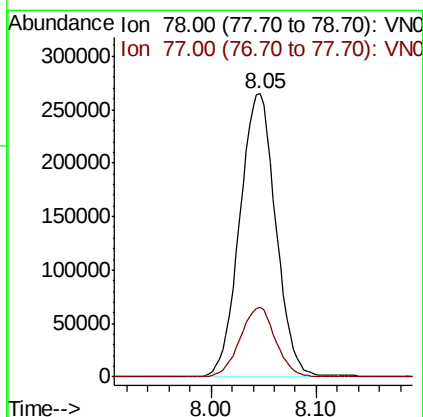
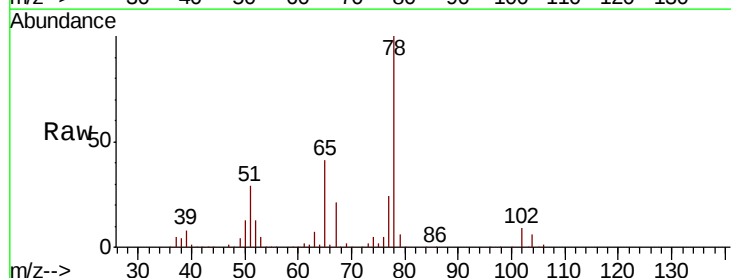
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBSD02

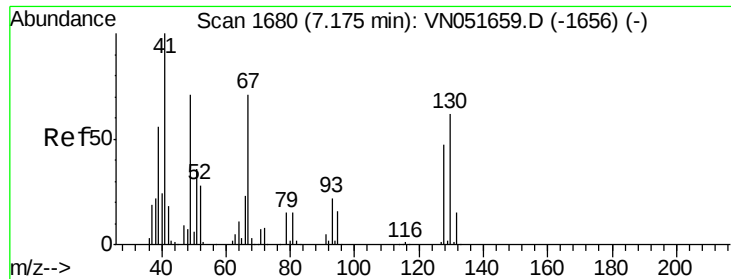
Tot Ion: 83 Resp: 261182
Ion Ratio Lower Upper
83 100
55 64.0 54.3 81.5
98 48.8 37.4 56.2



#40
Benzene
Concen: 19.496 ug/l
RT: 8.05 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

Tgt Ion: 78 Resp: 629318
Ion Ratio Lower Upper
78 100
77 24.4 18.5 27.7

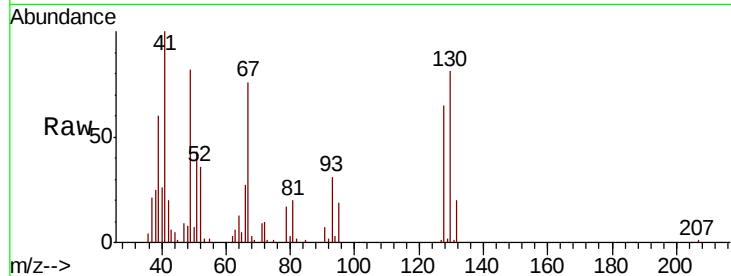




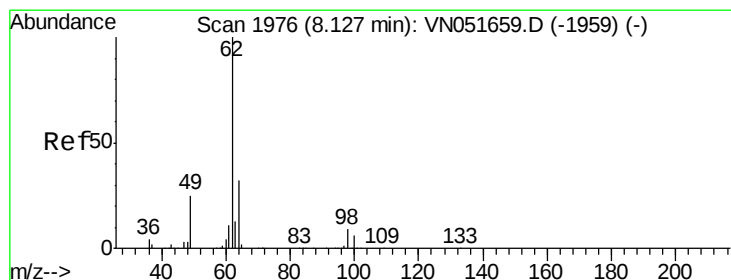
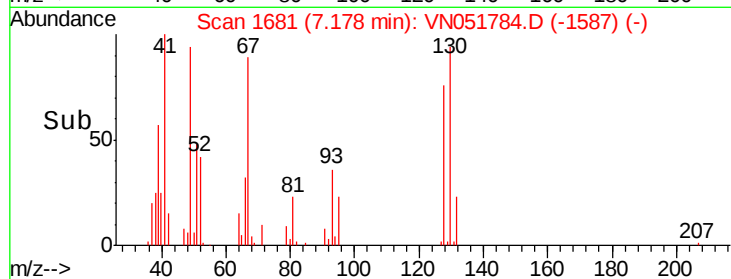
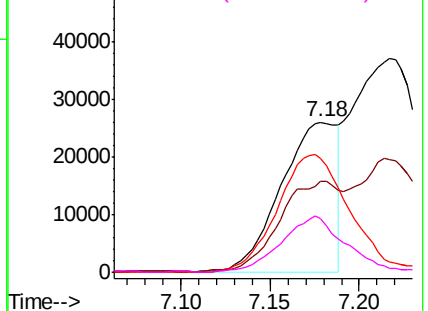
#41
Methacrylonitrile
Concen: 19.393 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBSD02

Tot Ion: 41 Resp: 57281
Ion Ratio Lower Upper
41 100
39 66.1 53.9 80.9
67 100.8 78.1 117.1
52 42.8 32.3 48.5

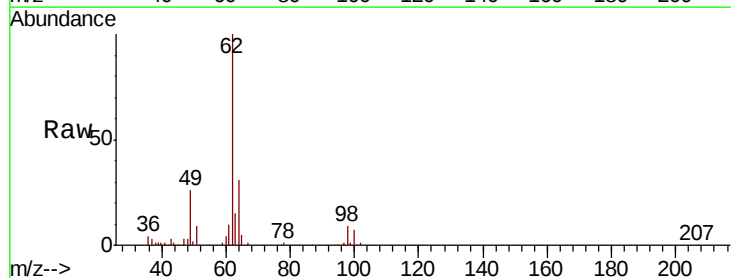


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

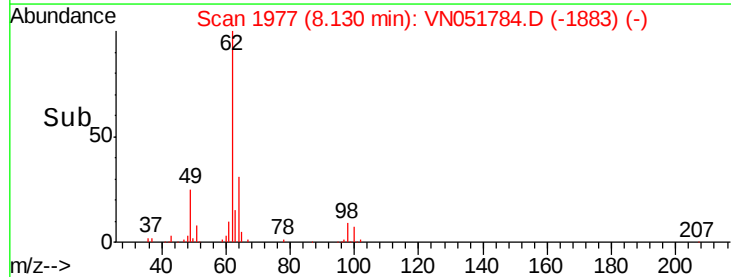
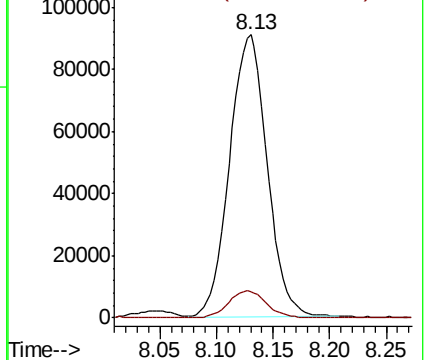


#42
1,2-Dichloroethane
Concen: 19.387 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

Tgt Ion: 62 Resp: 210897
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 19.177 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampled :

VN1010MBSD02

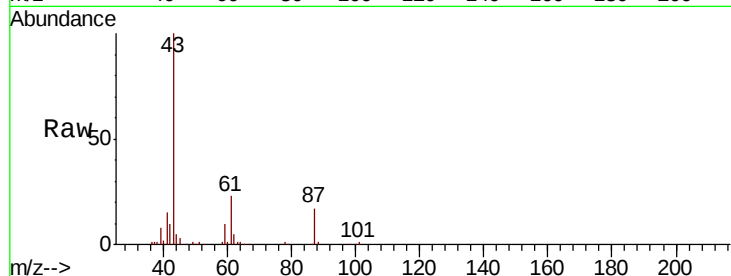
Tot Ion: 43 Resp: 227062

Ion Ratio Lower Upper

43 100

61 30.0 15.8 23.6#

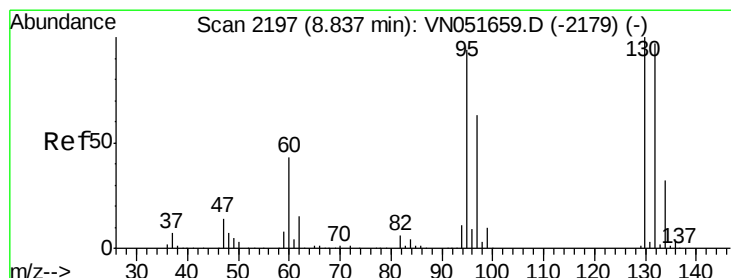
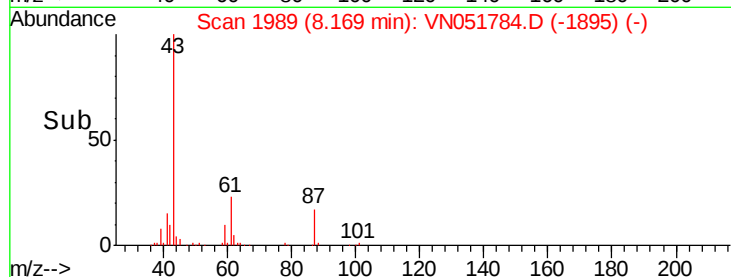
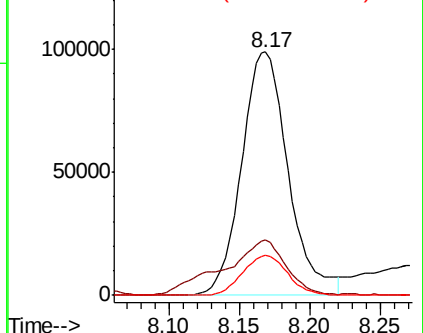
87 15.9 12.6 19.0



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: 20.893 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051784.D

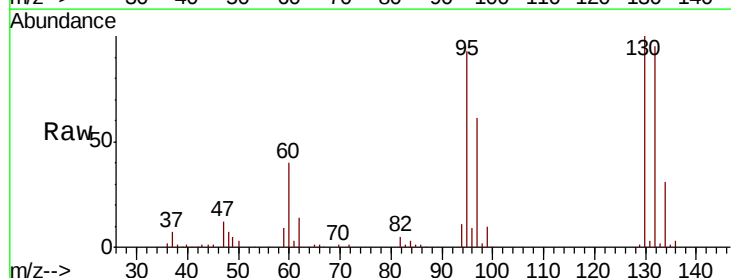
Acq: 10 Oct 2018 12:26

Tgt Ion:130 Resp: 191496

Ion Ratio Lower Upper

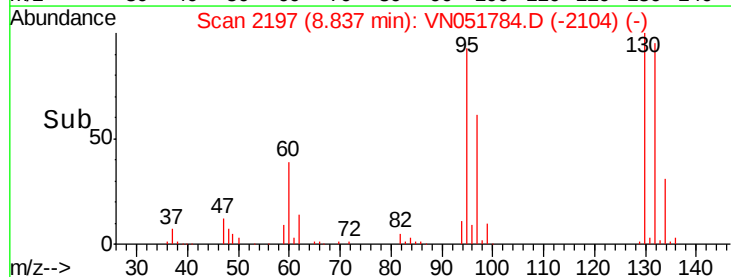
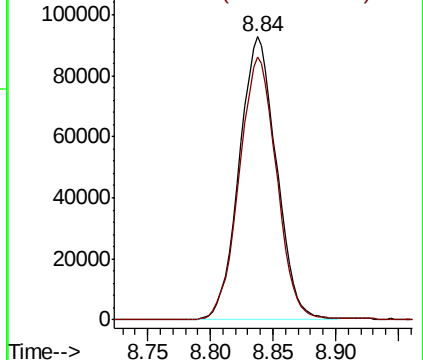
130 100

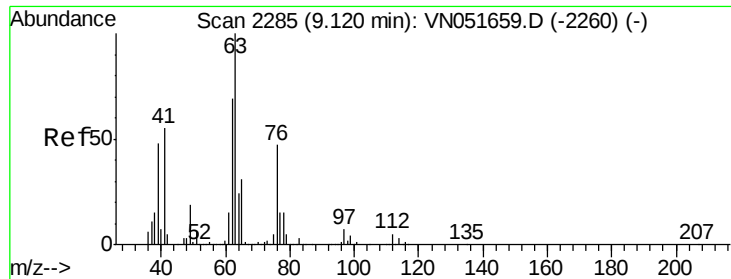
95 93.1 0.0 188.0



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: 19.128 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

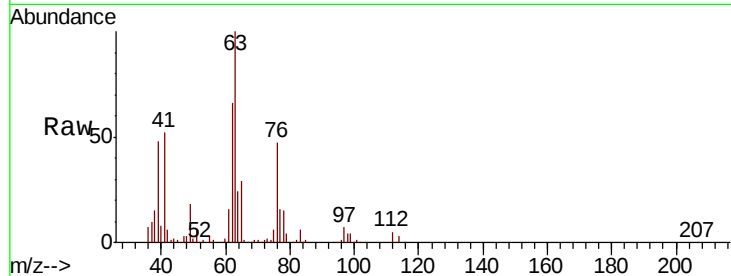
VN1010MBSD02

Tot Ion: 63 Resp: 152657

Ion Ratio Lower Upper

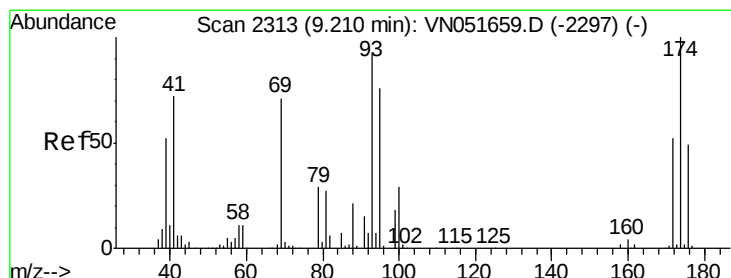
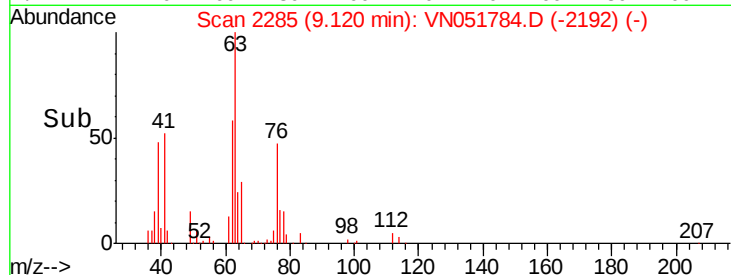
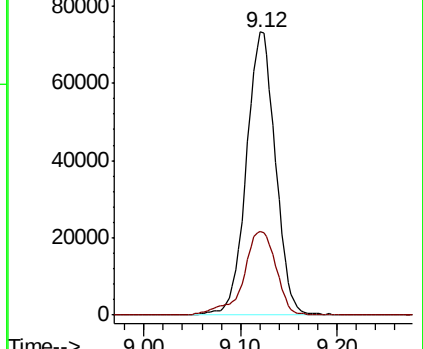
63 100

65 29.4 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: 20.718 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

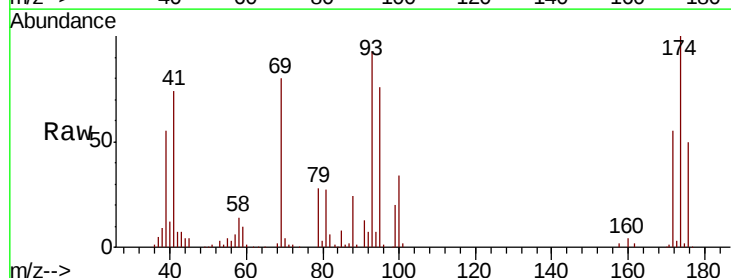
Tgt Ion: 93 Resp: 114929

Ion Ratio Lower Upper

93 100

95 80.3 66.6 100.0

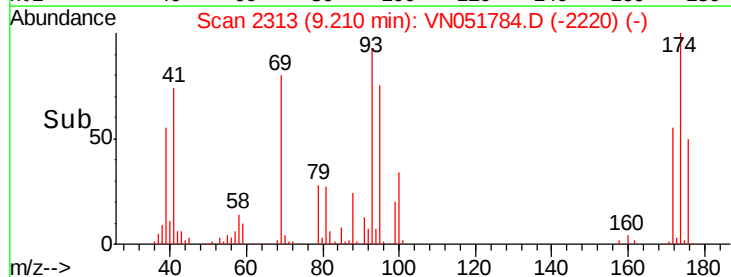
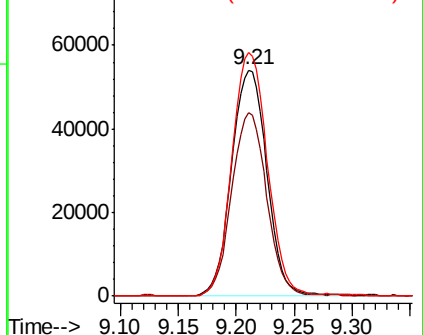
174 107.9 85.9 128.9

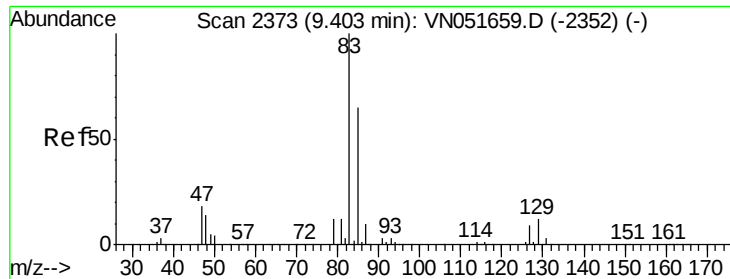


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.076 ug/l

RT: 9.41 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

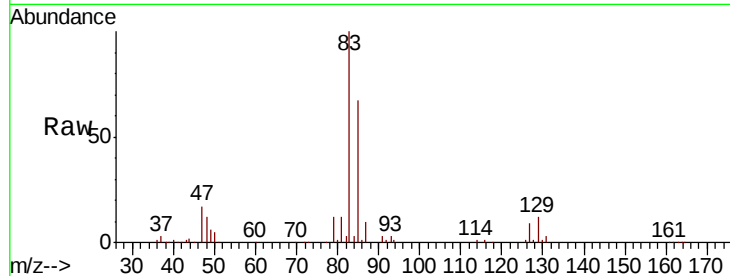
Tot Ion: 83 Resp: 232951

Ion Ratio Lower Upper

83 100

85 67.2 51.6 77.4

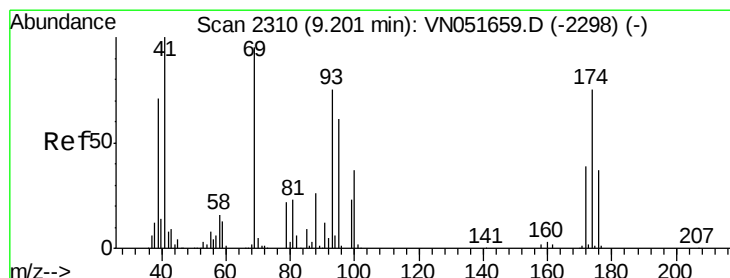
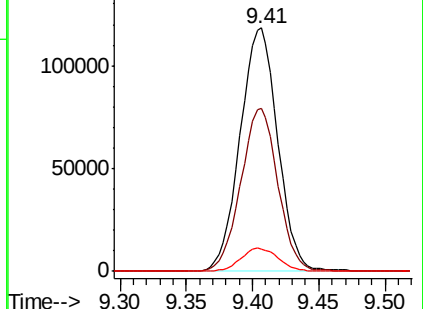
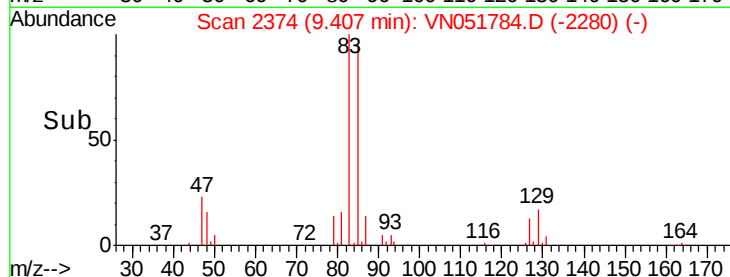
127 9.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN051659.D (-2352) (-)

Ion 84.90 (84.60 to 85.60): VN051659.D (-2352) (-)

Ion 126.80 (126.50 to 127.50): VN051659.D (-2352) (-)



#48

Methyl methacrylate

Concen: 18.711 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

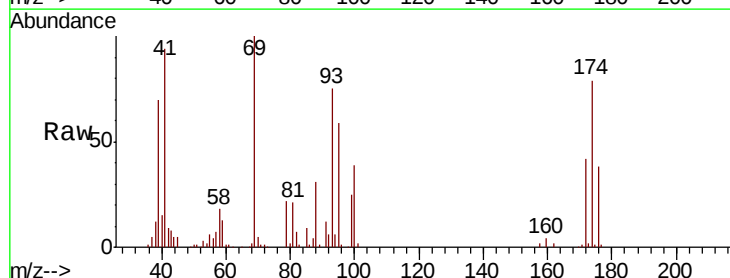
Tgt Ion: 41 Resp: 101232

Ion Ratio Lower Upper

41 100

69 105.8 78.6 118.0

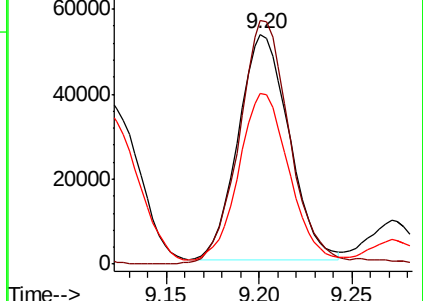
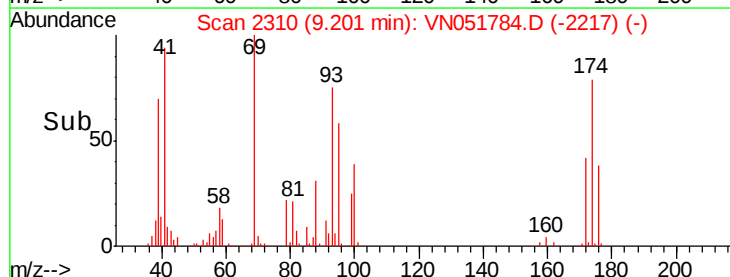
39 75.4 59.2 88.8

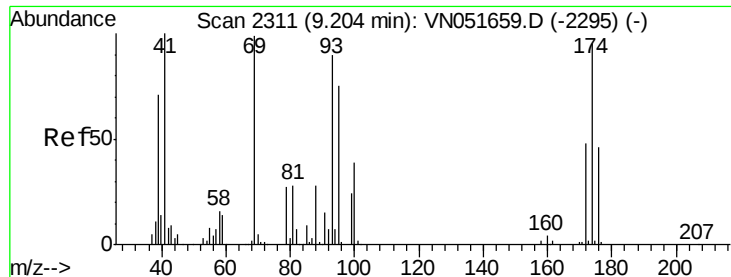


Abundance Ion 41.00 (40.70 to 41.70): VN051659.D (-2298) (-)

Ion 69.00 (68.70 to 69.70): VN051659.D (-2298) (-)

Ion 39.00 (38.70 to 39.70): VN051659.D (-2298) (-)





#49

1,4-Dioxane

Concen: 446.913 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

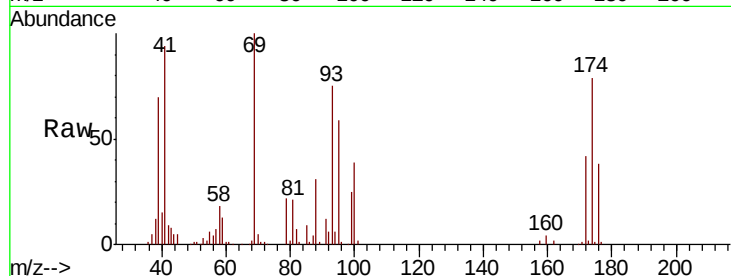
Tot Ion: 88 Resp: 36257

Ion Ratio Lower Upper

88 100

43 26.6 24.5 36.7

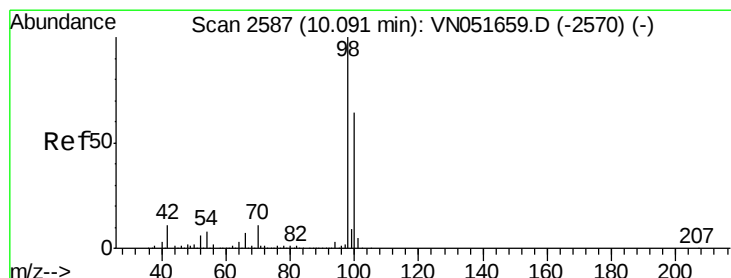
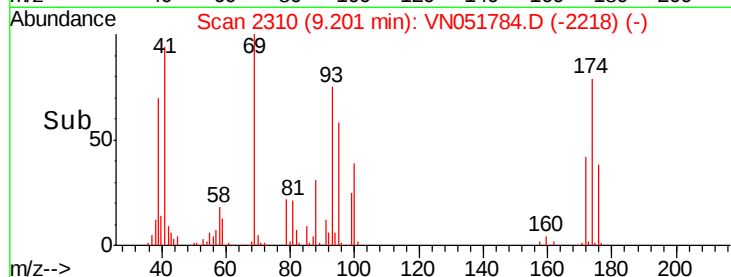
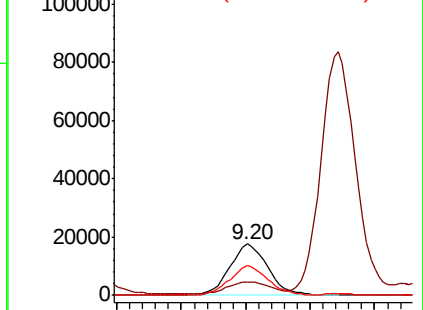
58 57.8 47.6 71.4



Abundance Ion 88.00 (87.70 to 88.70): VN051659.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN051659.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN051659.D (-2295) (-)



#50

Toluene-d8

Concen: 446.913 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051784.D

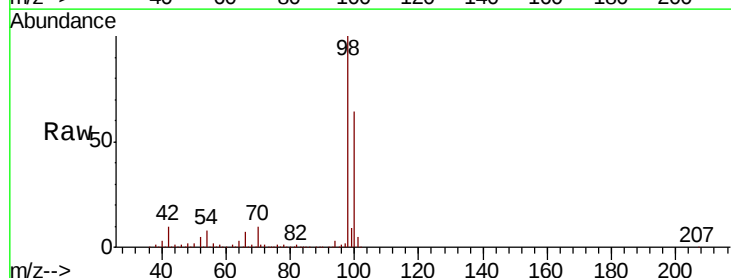
Acq: 10 Oct 2018 12:26

Tgt Ion: 98 Resp: 1539468

Ion Ratio Lower Upper

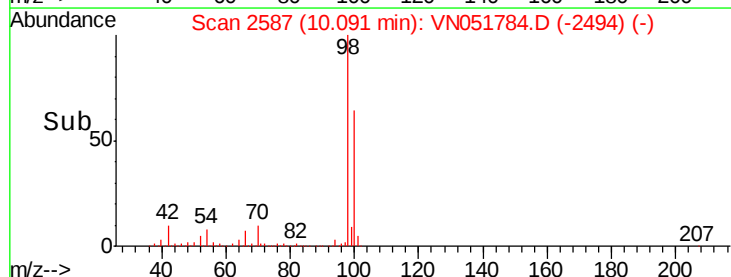
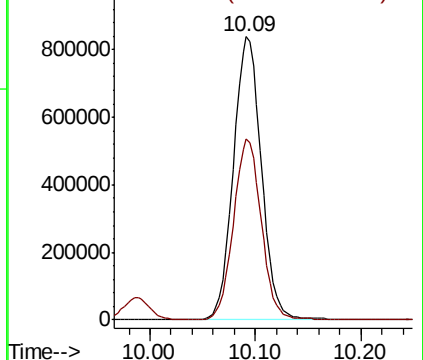
98 100

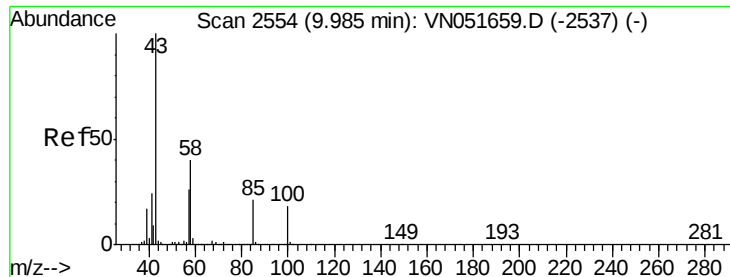
100 63.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051659.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051659.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 99.216 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

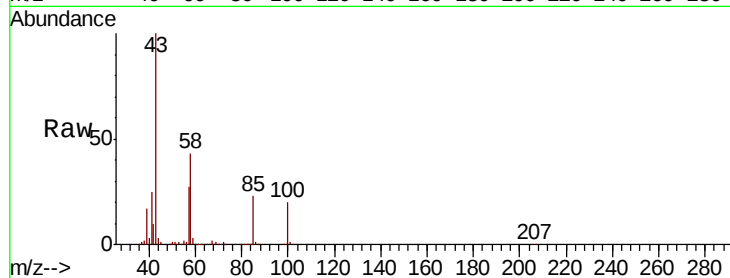
VN1010MBSD02

Tot Ion: 43 Resp: 595280

Ion Ratio Lower Upper

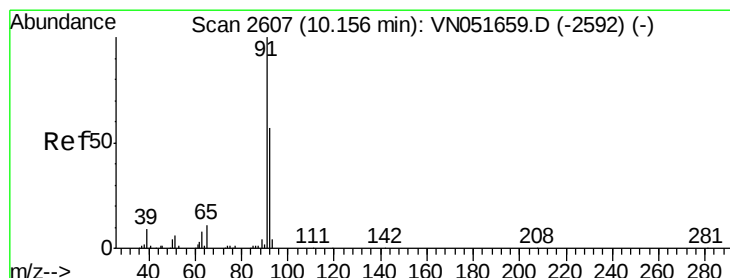
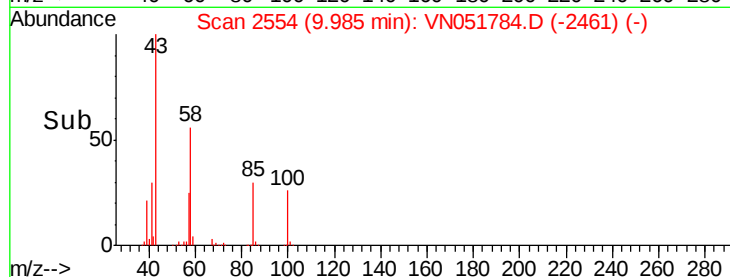
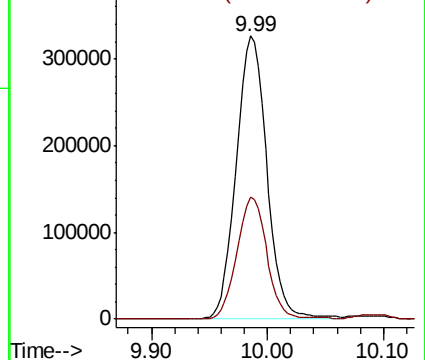
43 100

58 42.2 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.662 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051784.D

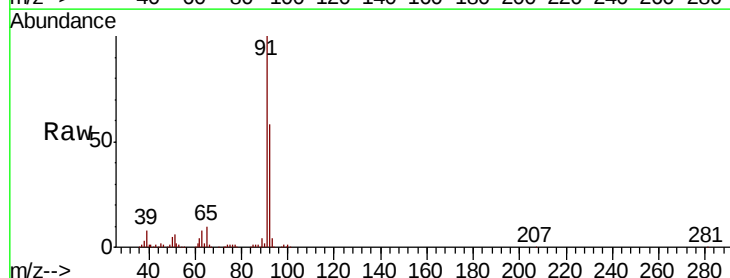
Acq: 10 Oct 2018 12:26

Tgt Ion: 92 Resp: 422136

Ion Ratio Lower Upper

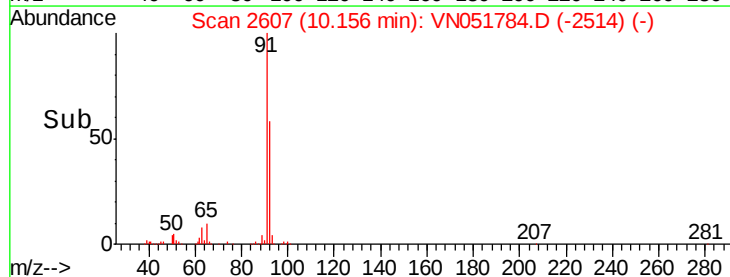
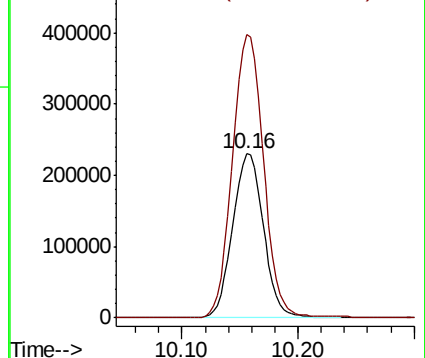
92 100

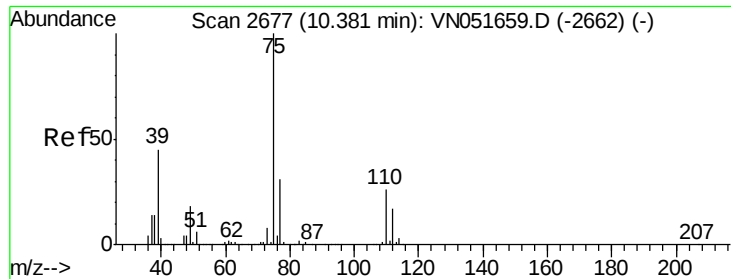
91 175.6 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.035 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

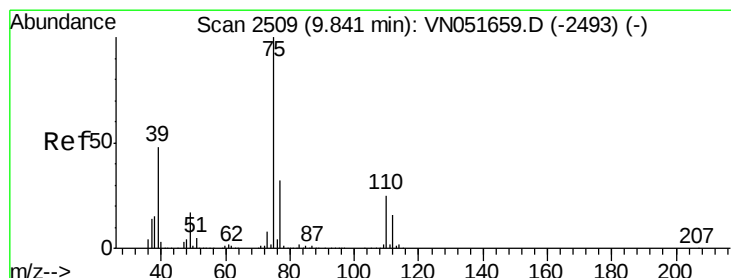
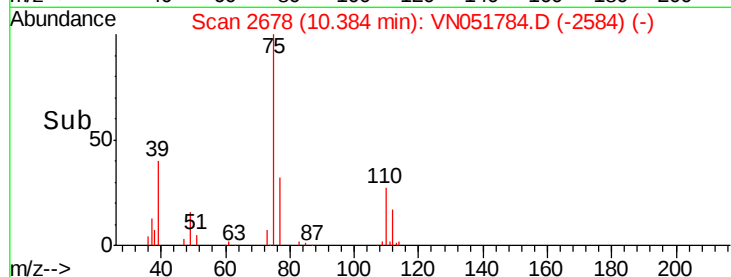
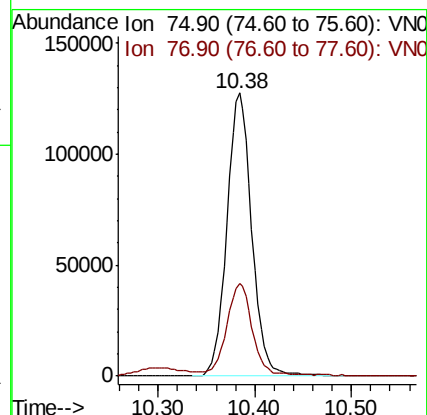
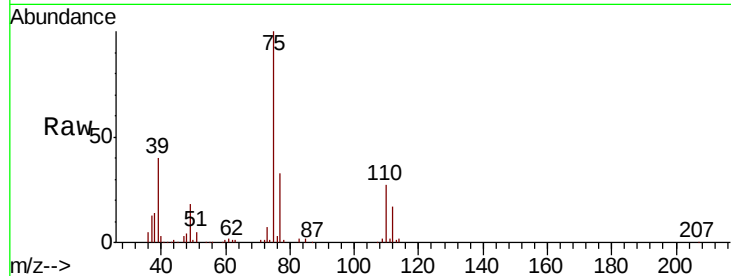
VN1010MBSD02

Tot Ion: 75 Resp: 227257

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.712 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

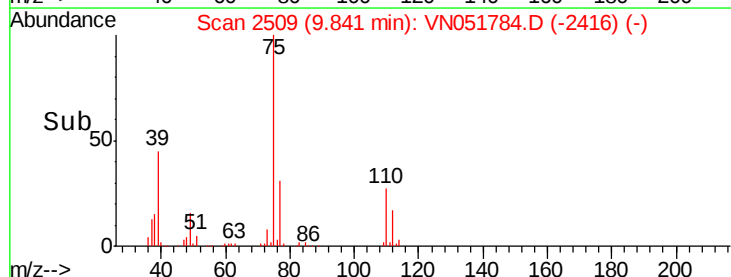
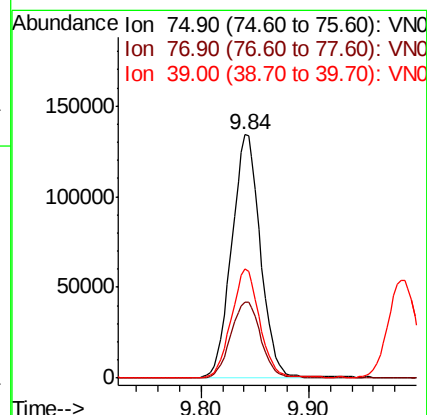
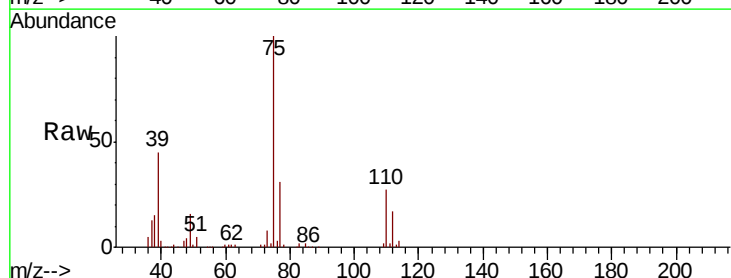
Tgt Ion: 75 Resp: 250388

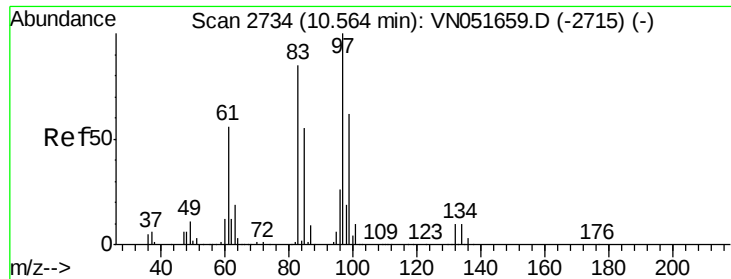
Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 44.5 38.1 57.1

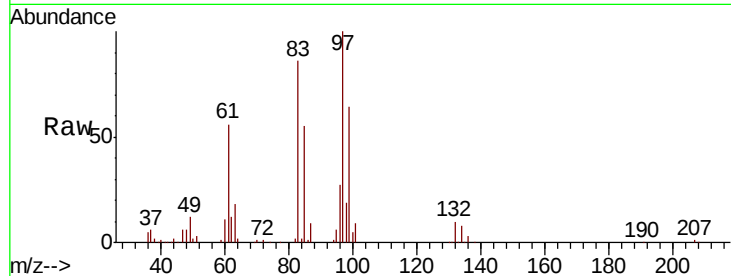




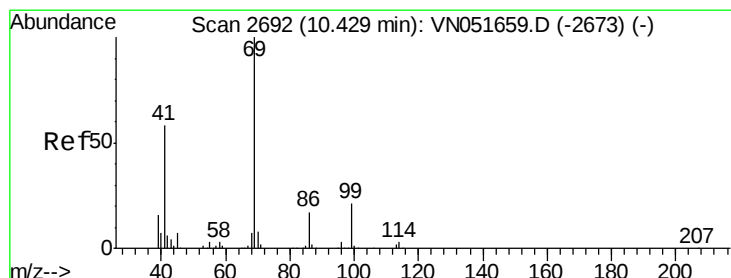
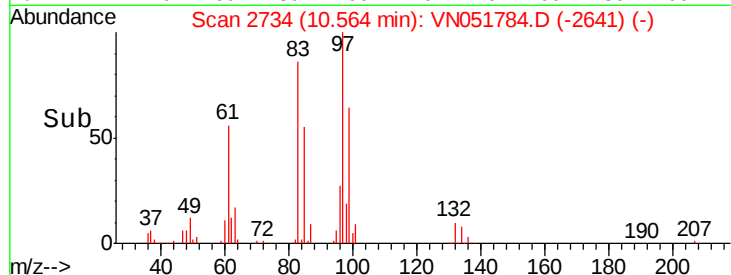
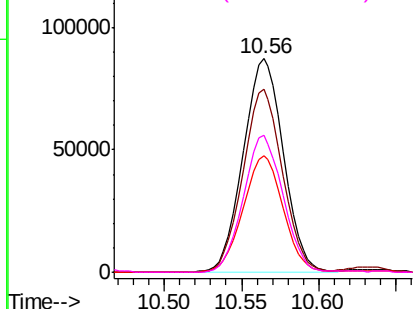
#55
 1,1,2-Trichloroethane
 Concen: 20.684 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Instrument :
 MSVOA_N
 ClientSampled :
 VN1010MBSD02

Tot Ion:	97	Resp:	158190
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.1	102.1
85	54.8	43.6	65.4
99	64.1	49.4	74.0

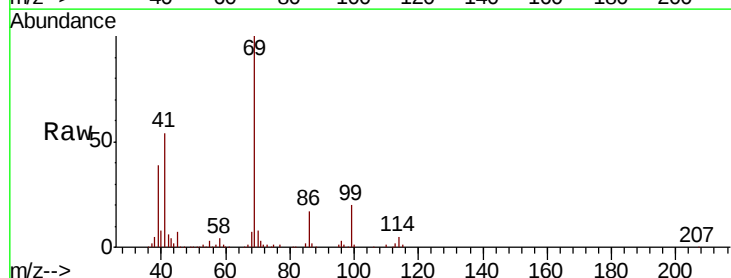


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

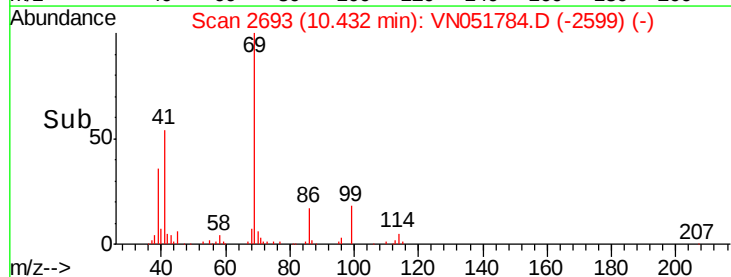
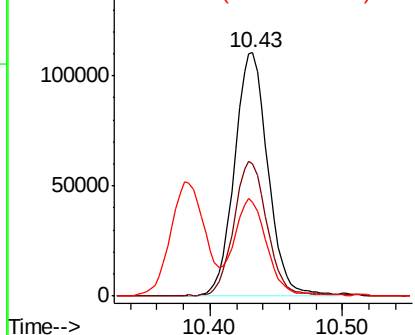


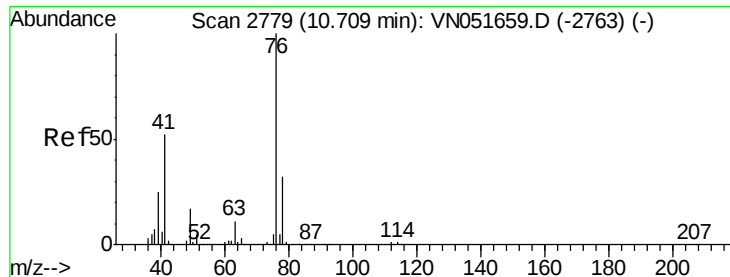
#56
 Ethyl methacrylate
 Concen: 20.045 ug/l
 RT: 10.43 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Tgt Ion:	69	Resp:	193871
Ion	Ratio	Lower	Upper
69	100		
41	54.1	46.4	69.6
39	39.1	32.4	48.6



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

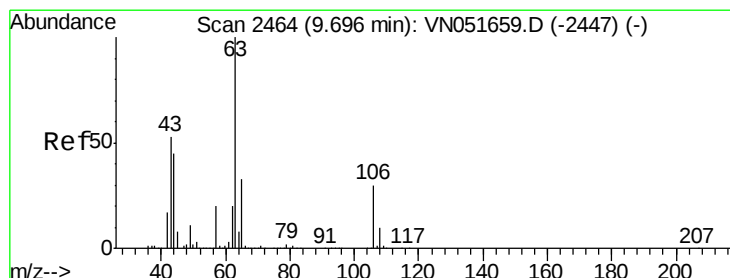
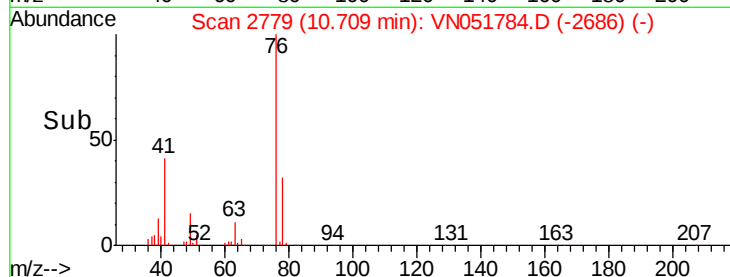
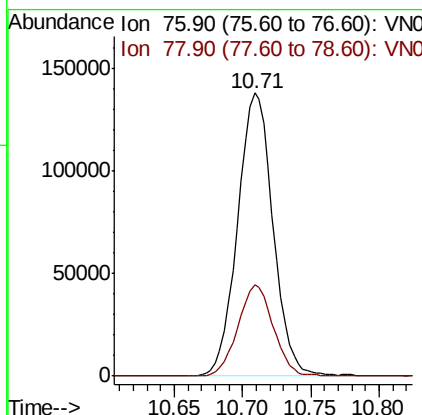
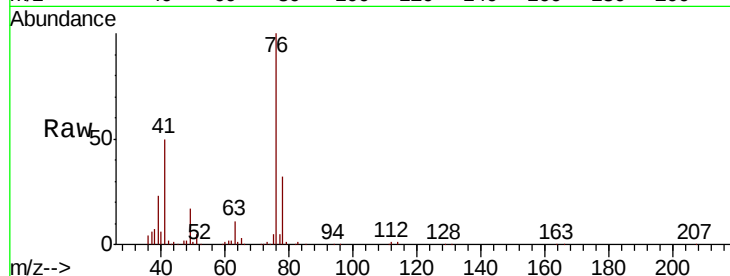




#57
 1,3-Dichloropropane
 Concen: 20.513 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

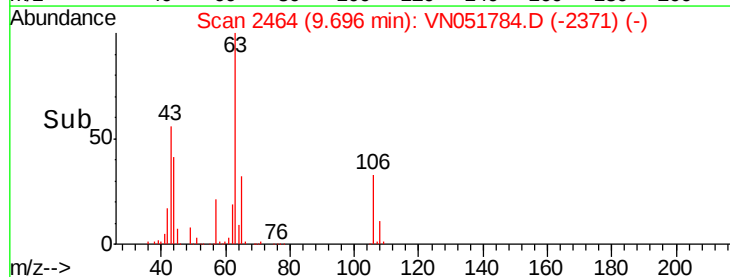
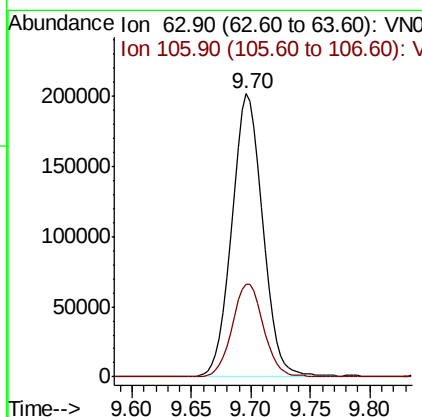
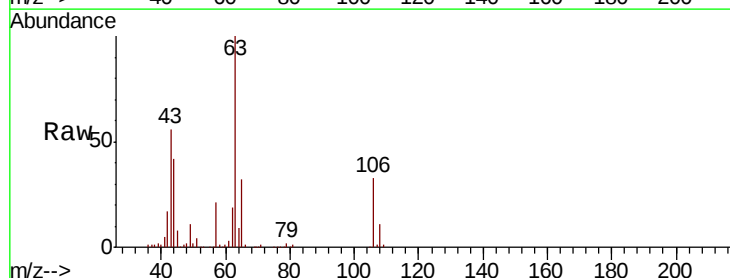
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBSD02

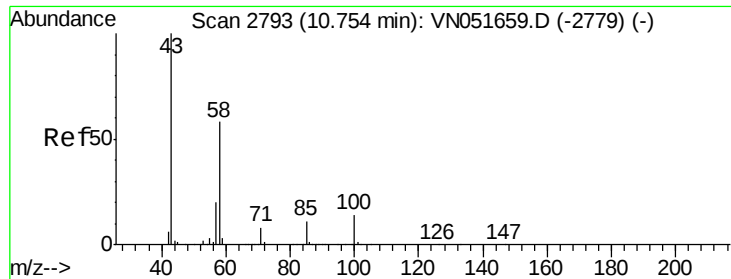
Tot Ion: 76 Resp: 248298
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.955 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Tgt Ion: 63 Resp: 364081
 Ion Ratio Lower Upper
 63 100
 106 33.4 24.3 36.5

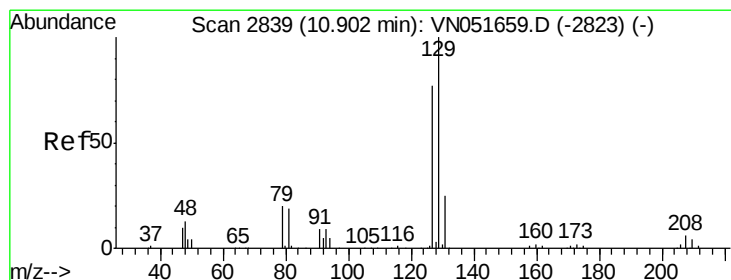
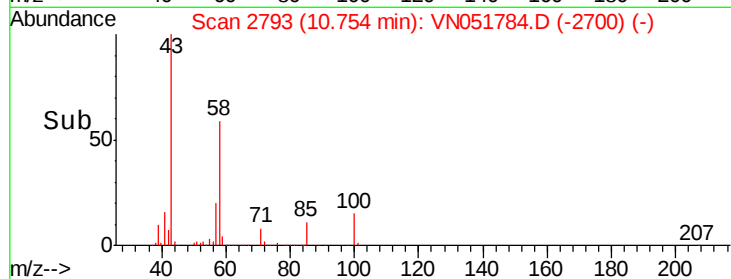
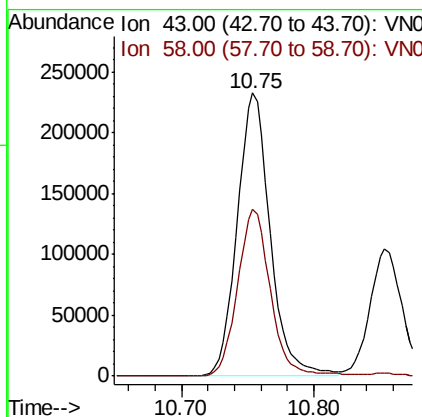
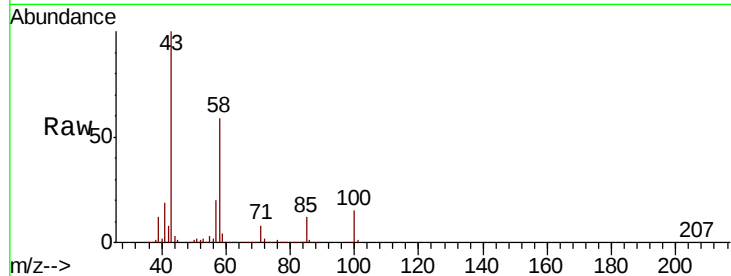




#59
2-Hexanone
Concen: 98.223 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

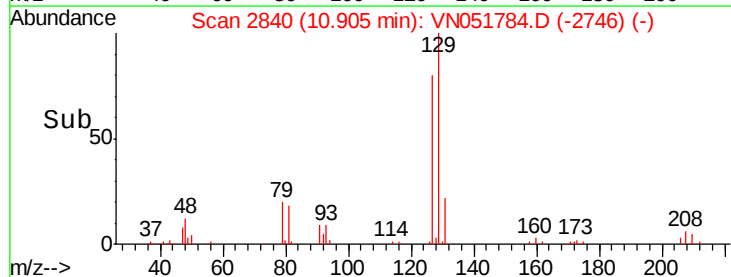
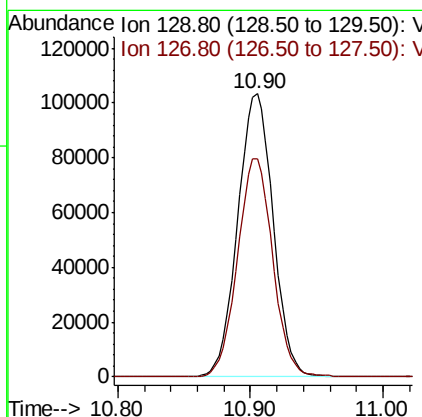
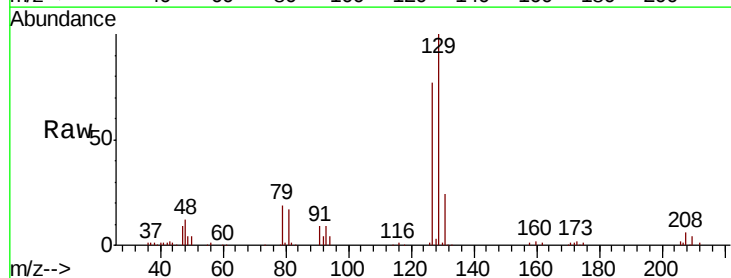
Instrument :
MSVOA_N
ClientSampled :
VN1010MBSD02

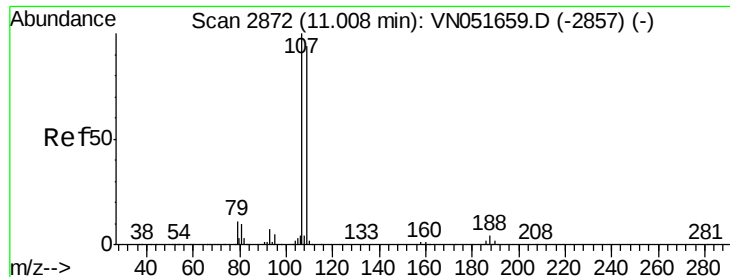
Tot Ion: 43 Resp: 400229
Ion Ratio Lower Upper
43 100
58 59.0 28.8 86.4



#60
Dibromochloromethane
Concen: 19.177 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

Tgt Ion: 129 Resp: 191933
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.7

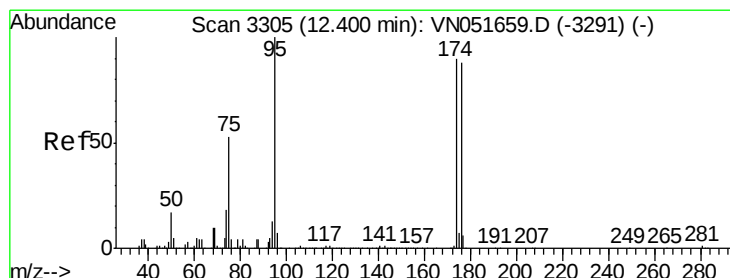
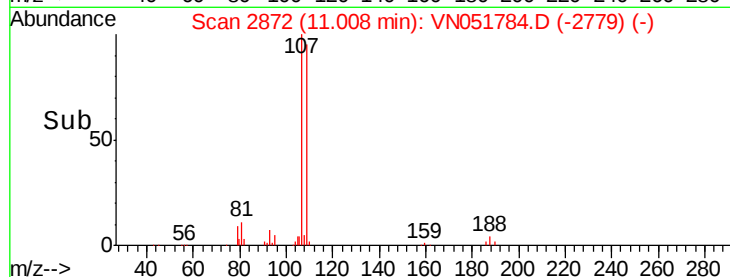
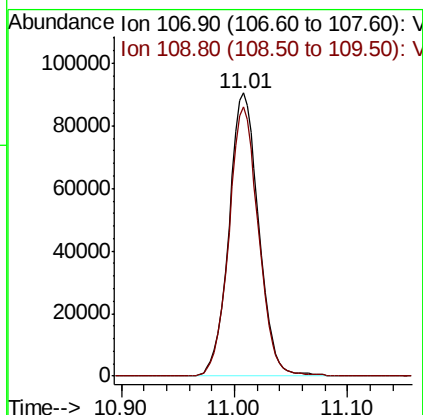
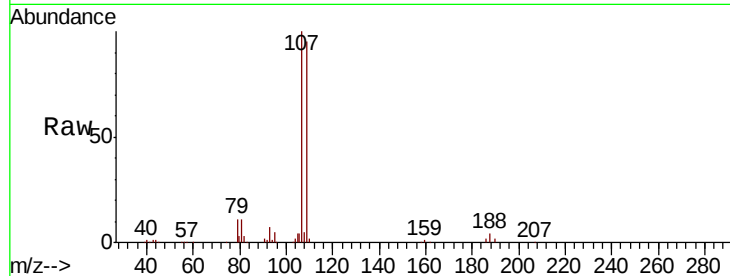




#61
 1,2-Dibromoethane
 Concen: 20.443 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

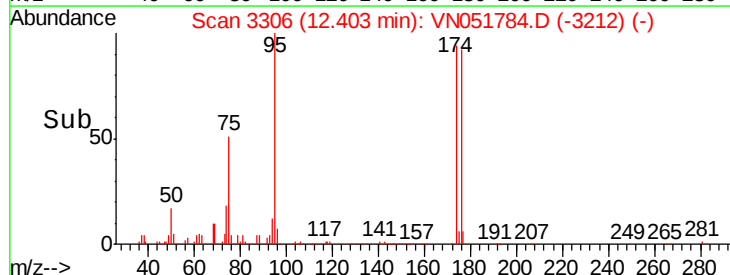
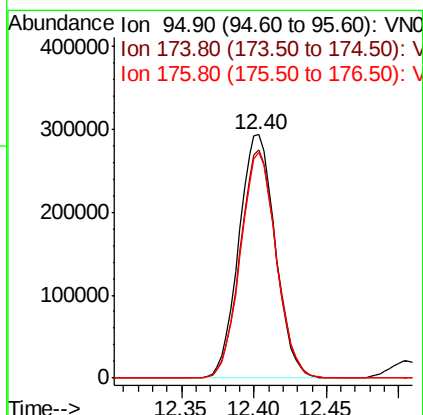
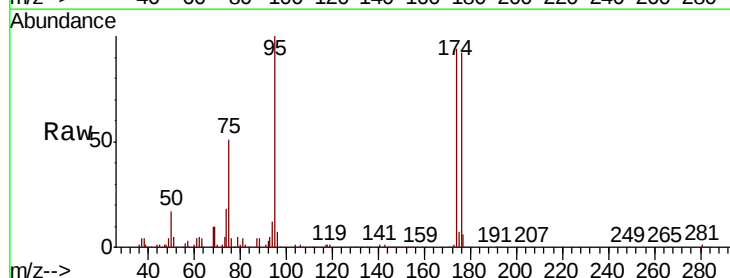
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBSD02

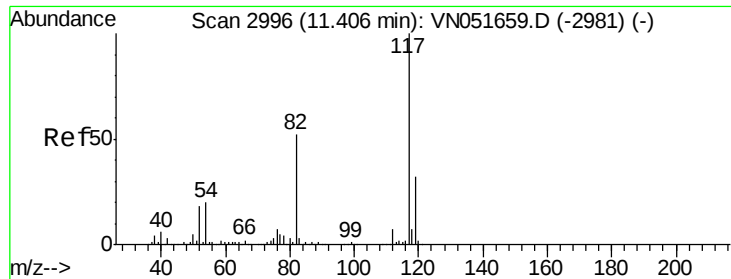
Tot Ion: 107 Resp: 165284
 Ion Ratio Lower Upper
 107 100
 109 94.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 20.443 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Tgt Ion: 95 Resp: 512955
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 182.8
 176 90.9 0.0 176.4

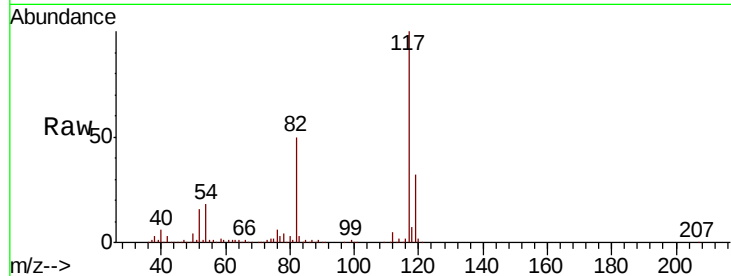




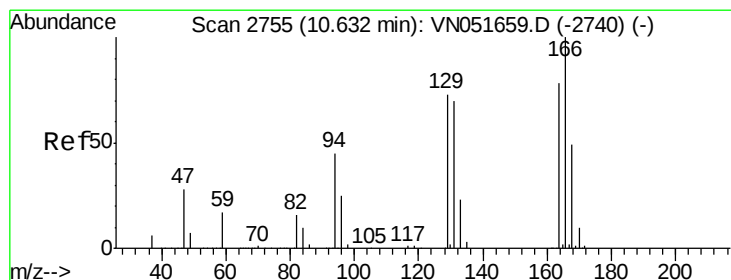
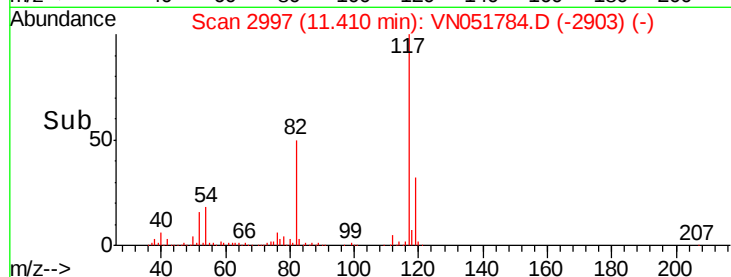
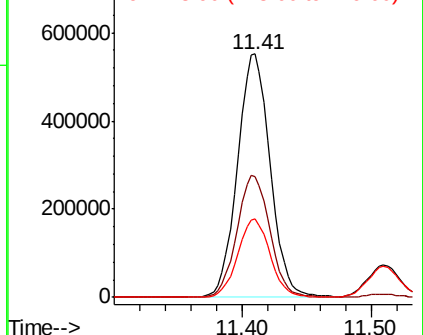
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBSD02

Tot Ion:117 Resp: 973268
Ion Ratio Lower Upper
117 100
82 49.6 41.3 61.9
119 32.1 25.9 38.9

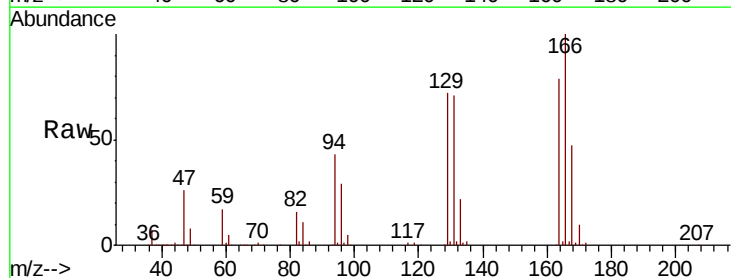


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

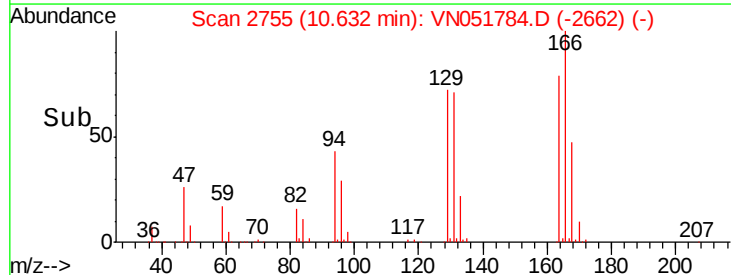
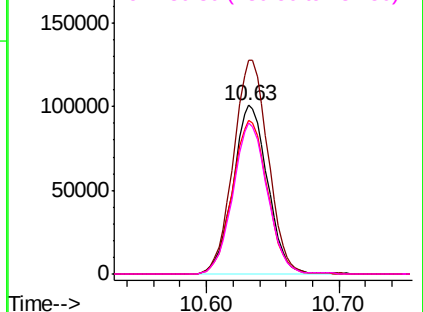


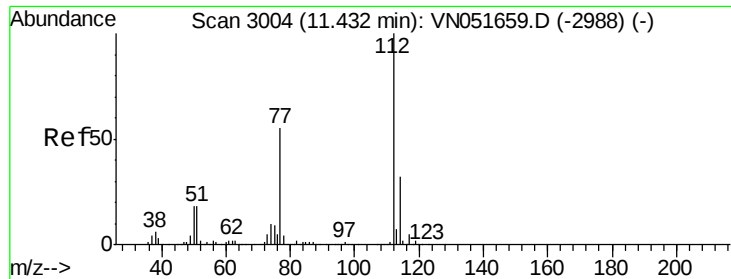
#64
Tetrachloroethene
Concen: 21.165 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

Tgt Ion:164 Resp: 181737
Ion Ratio Lower Upper
164 100
166 126.6 103.0 154.6
129 91.2 75.2 112.8
131 89.5 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: 20.373 ug/l

RT: 11.44 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

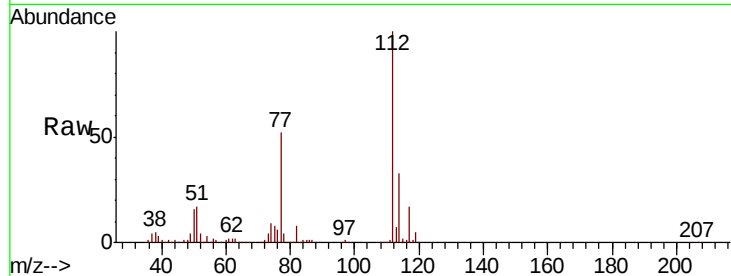
VN1010MBSD02

Tot Ion:112 Resp: 491088

Ion Ratio Lower Upper

112 100

114 32.7 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.44

300000

250000

200000

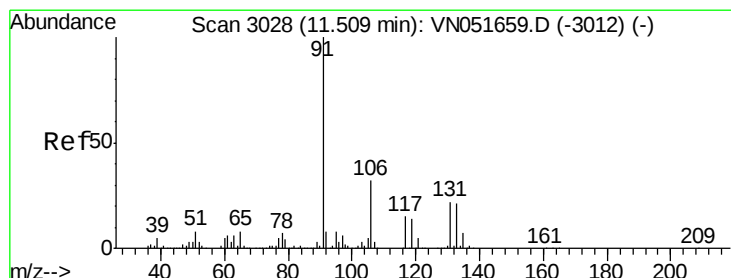
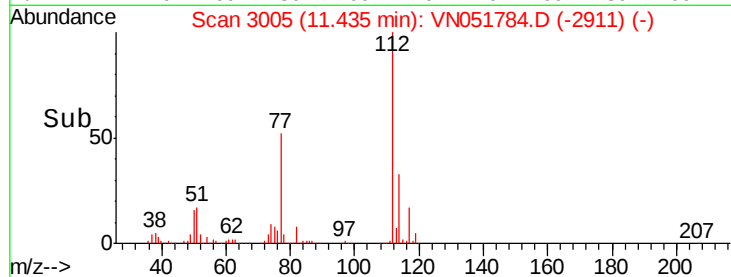
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.469 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

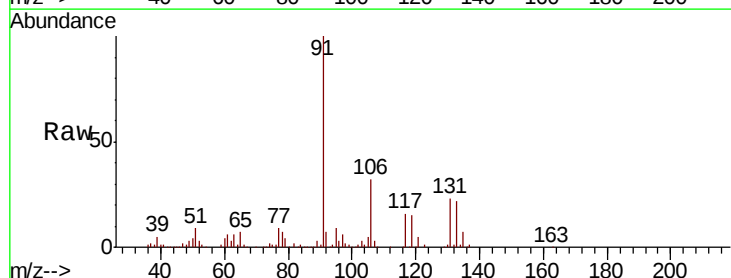
Tgt Ion:131 Resp: 187903

Ion Ratio Lower Upper

131 100

133 96.2 47.6 142.8

119 65.7 32.0 96.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

200000

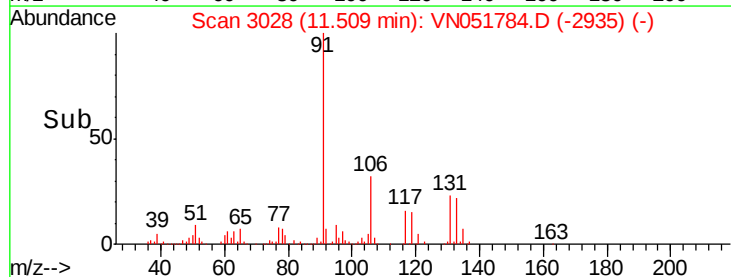
150000

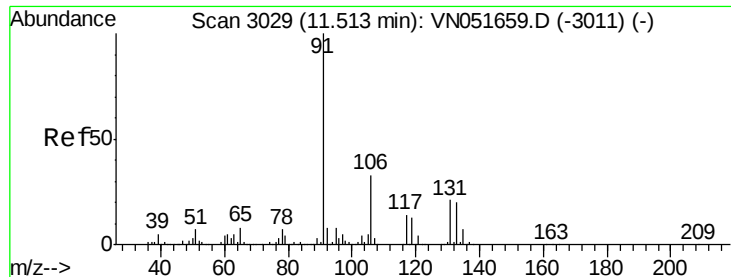
100000

50000

0

Time-->

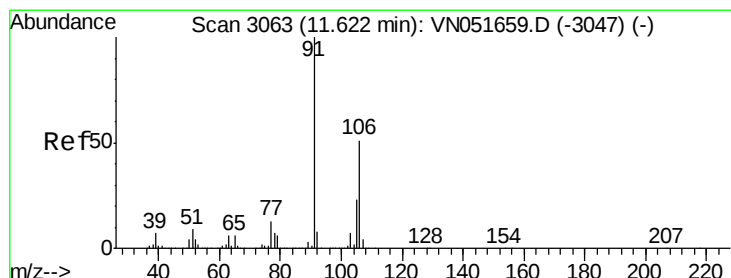
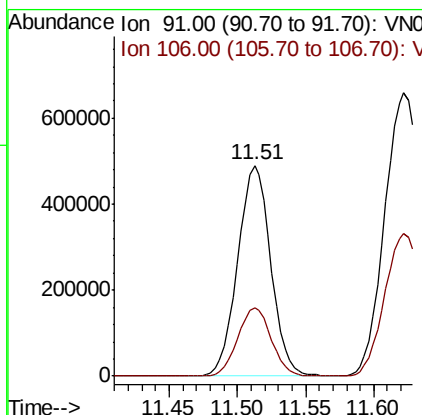
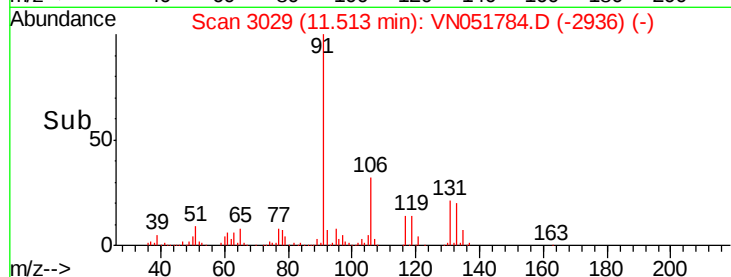
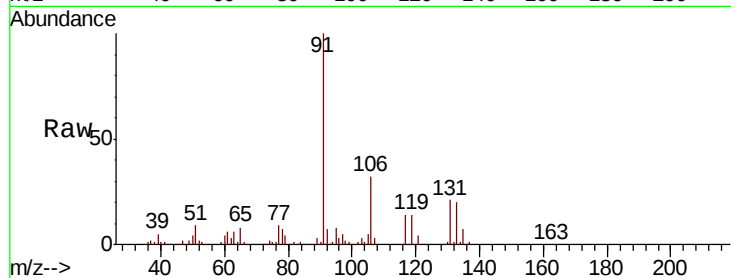




#67
Ethyl Benzene
Concen: 19.796 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

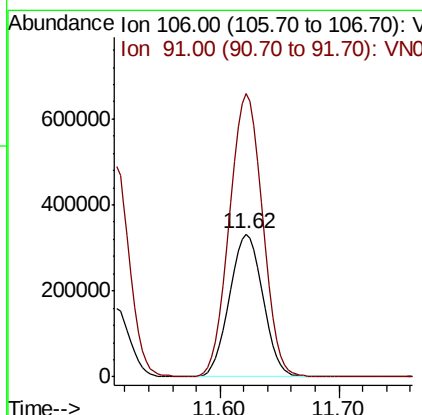
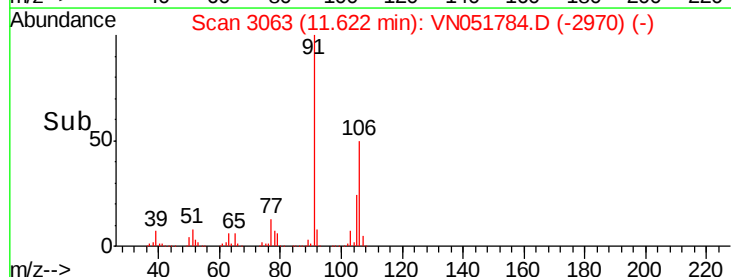
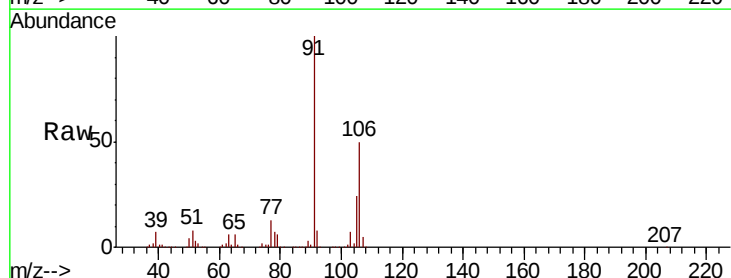
Instrument :
MSVOA_N
ClientSampled :
VN1010MBSD02

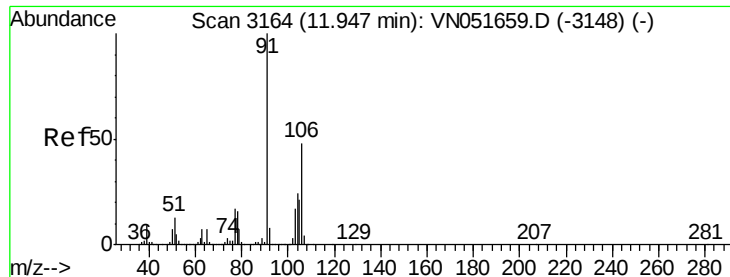
Tot Ion: 91 Resp: 824783
Ion Ratio Lower Upper
91 100
106 32.5 26.0 39.0



#68
m/p-Xylenes
Concen: 38.846 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

Tgt Ion: 106 Resp: 647579
Ion Ratio Lower Upper
106 100
91 196.6 158.4 237.6

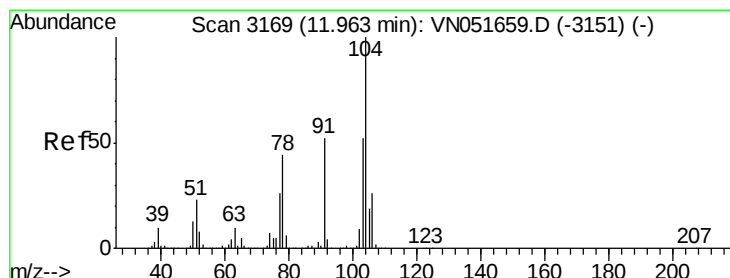
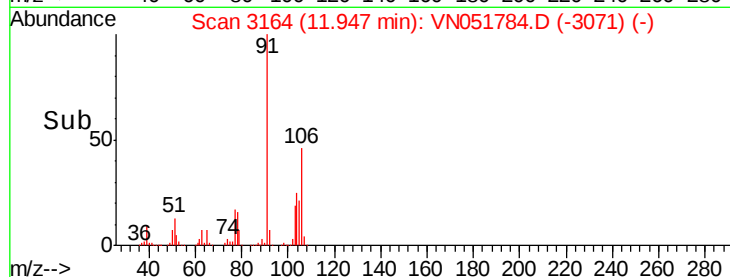
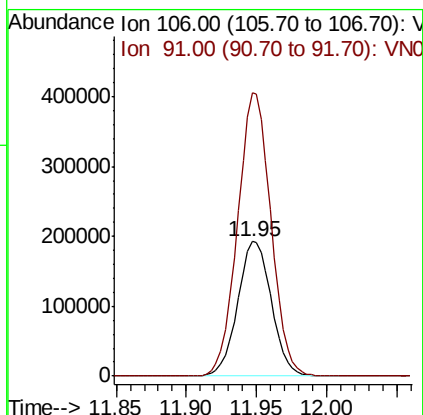
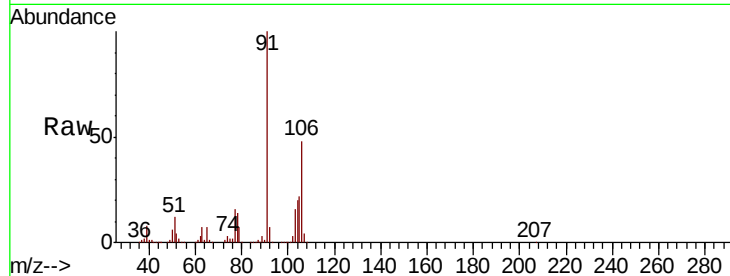




#69
o-Xylene
Concen: 19.721 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

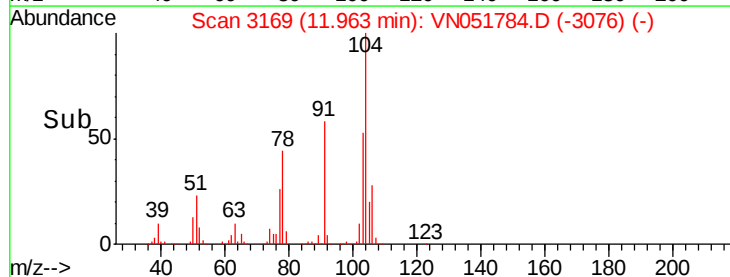
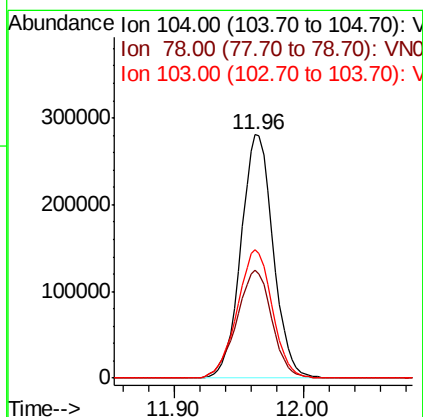
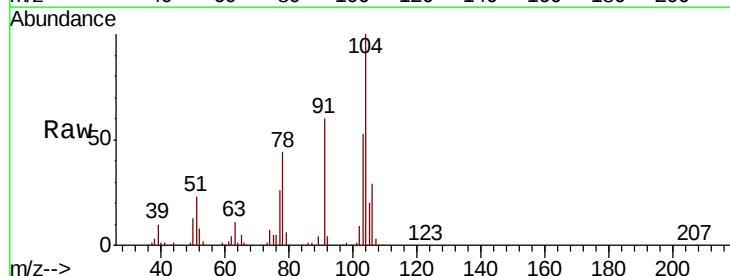
Instrument :
MSVOA_N
ClientSampleId :
VN1010MBSD02

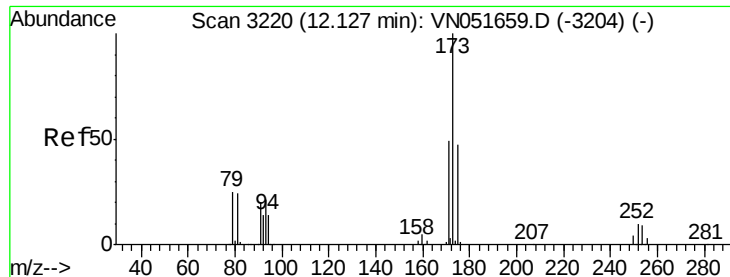
Tot Ion:106 Resp: 322401
Ion Ratio Lower Upper
106 100
91 208.7 104.4 313.2



#70
Styrene
Concen: 18.728 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

Tgt Ion:104 Resp: 487882
Ion Ratio Lower Upper
104 100
78 48.5 39.3 58.9
103 57.4 45.0 67.6





#71

Bromoform

Concen: 17.226 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

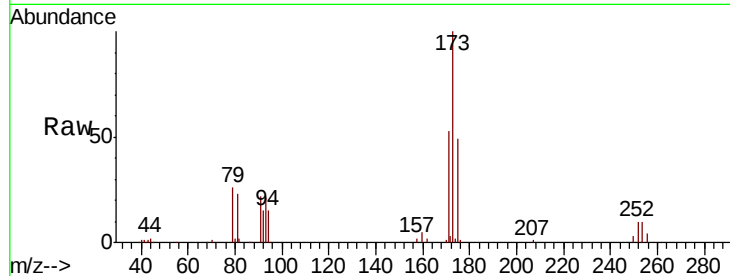
Tot Ion:173 Resp: 123661

Ion Ratio Lower Upper

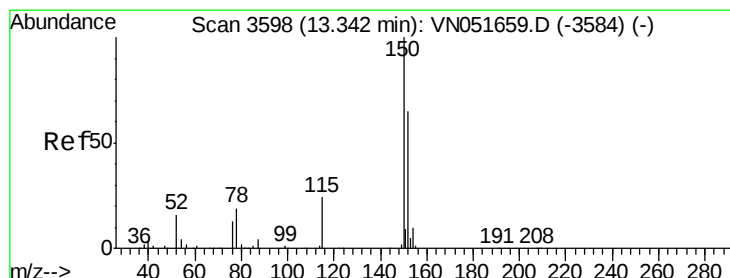
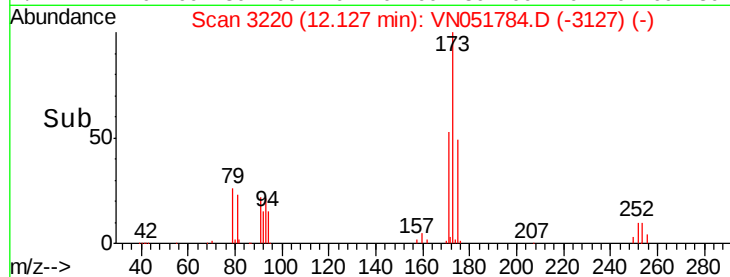
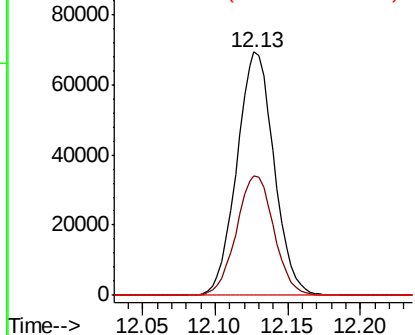
173 100

175 49.4 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: VN051784.D

Acq: 10 Oct 2018 12:26

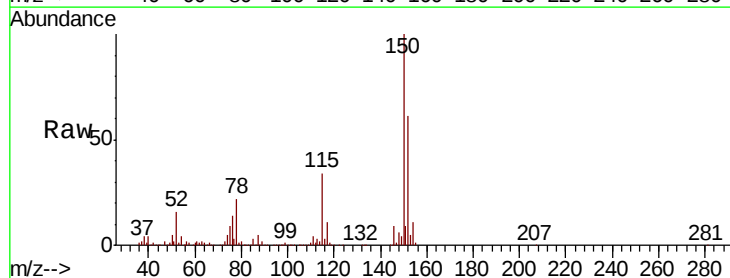
Tgt Ion:152 Resp: 489767

Ion Ratio Lower Upper

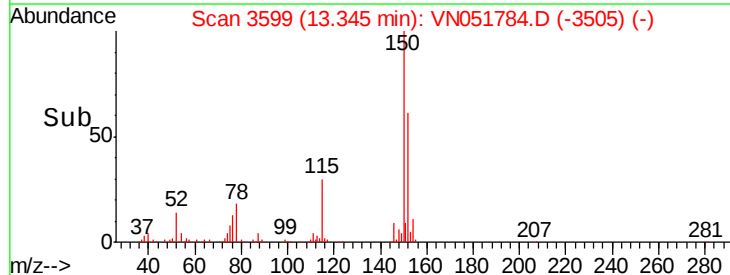
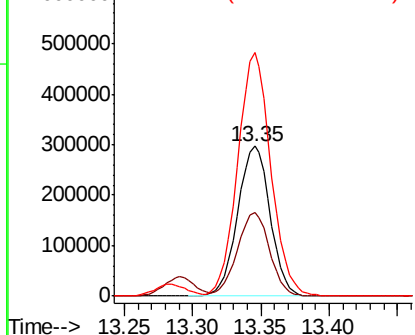
152 100

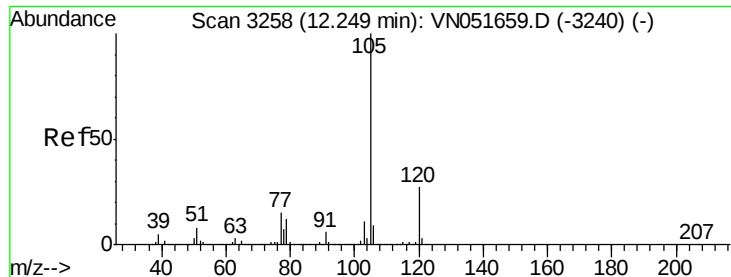
115 55.6 28.6 85.8

150 166.0 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: 20.794 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

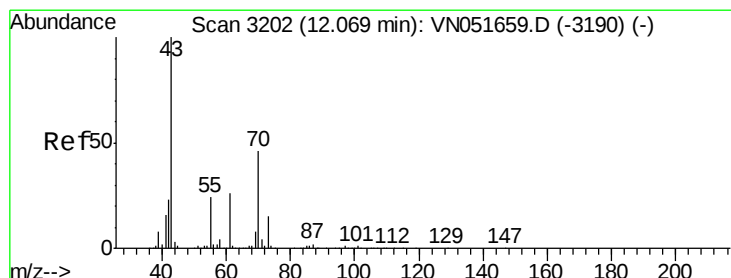
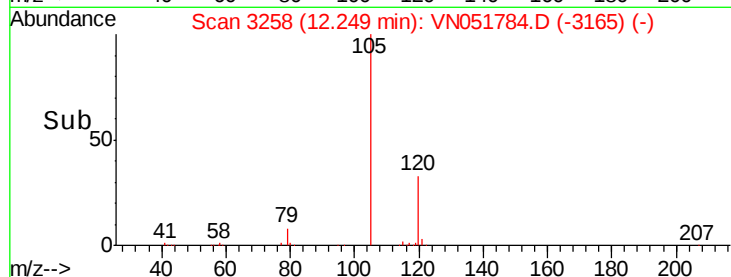
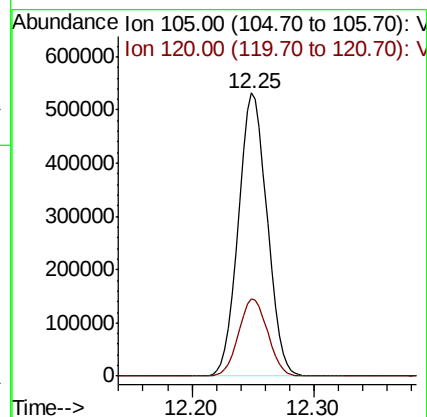
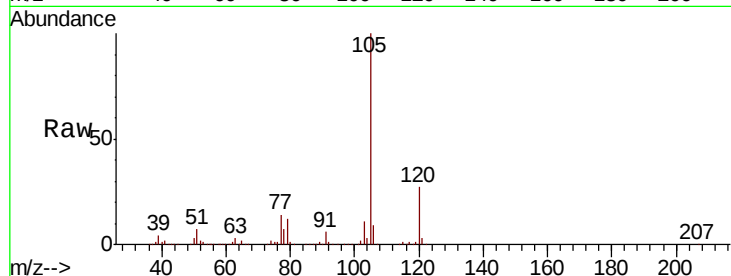
VN1010MBSD02

Tot Ion:105 Resp: 868146

Ion Ratio Lower Upper

105 100

120 27.6 13.9 41.6



#74

N-ethyl acetate

Concen: 18.206 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Tgt Ion: 43 Resp: 175104

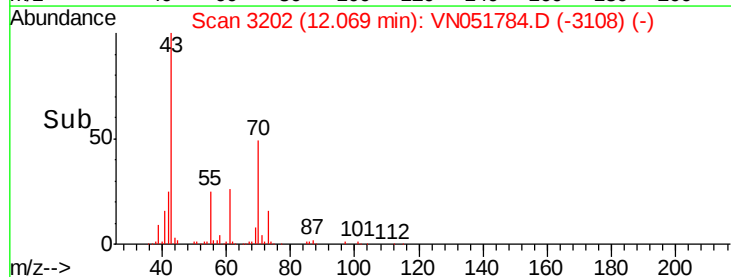
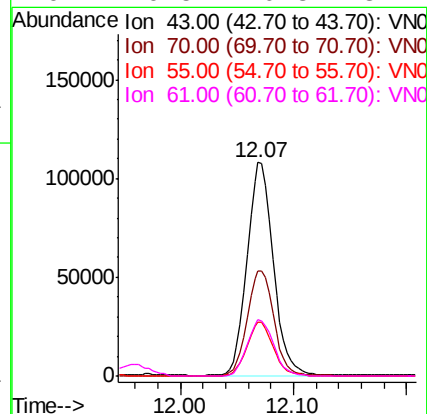
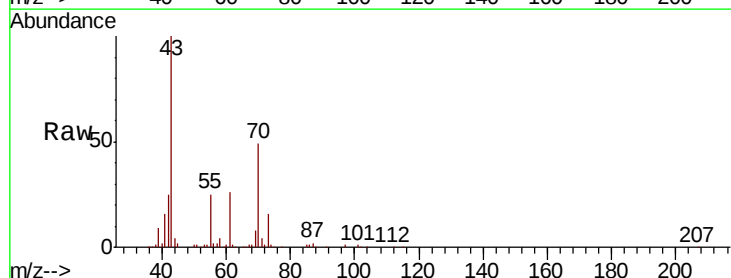
Ion Ratio Lower Upper

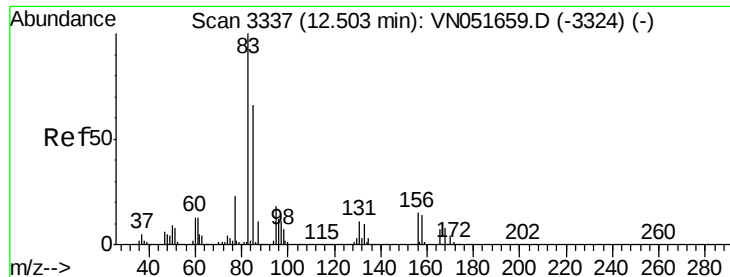
43 100

70 50.4 37.1 55.7

55 25.4 19.1 28.7

61 26.5 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.760 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

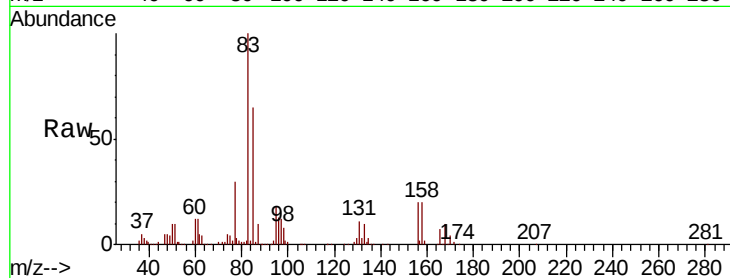
Tot Ion: 83 Resp: 193836

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

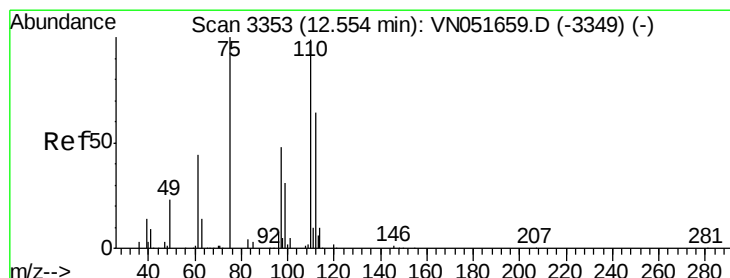
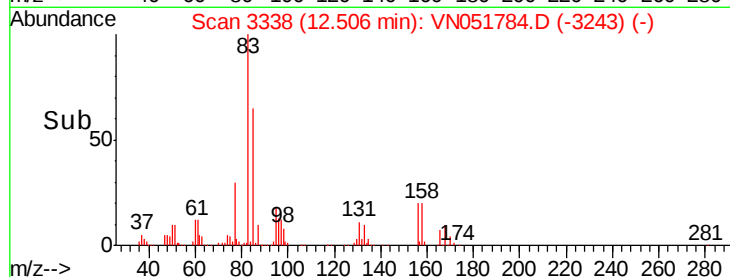
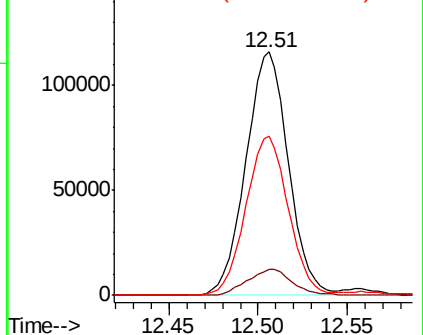
85 65.2 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 36.349 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051784.D

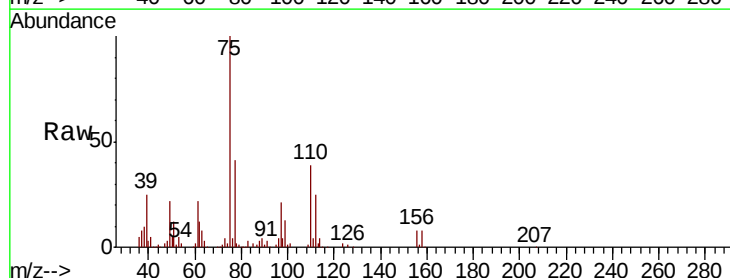
Acq: 10 Oct 2018 12:26

Tgt Ion: 75 Resp: 228021

Ion Ratio Lower Upper

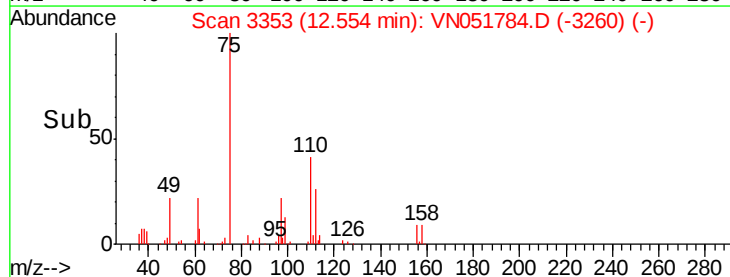
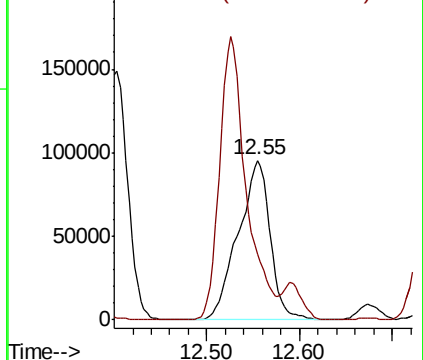
75 100

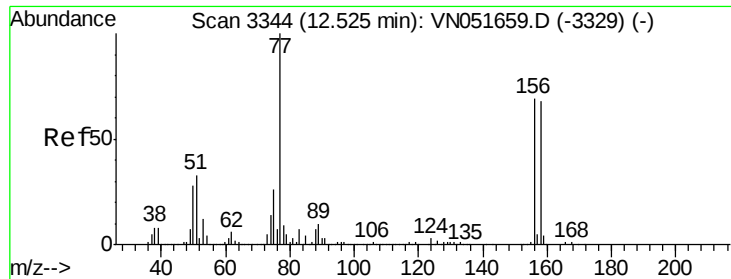
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.765 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

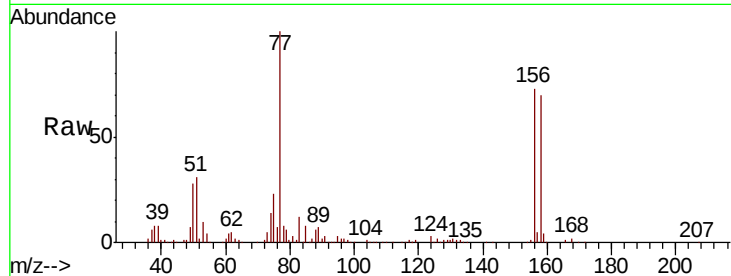
Tot Ion:156 Resp: 211970

Ion Ratio Lower Upper

156 100

77 160.1 83.2 249.4

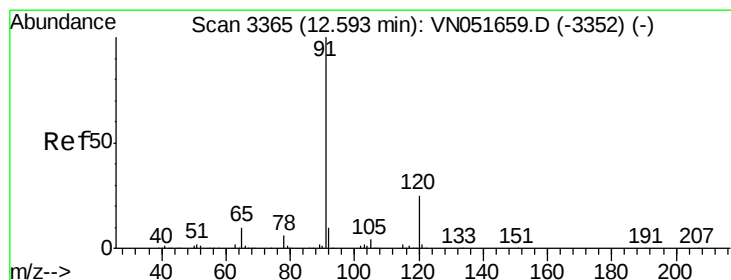
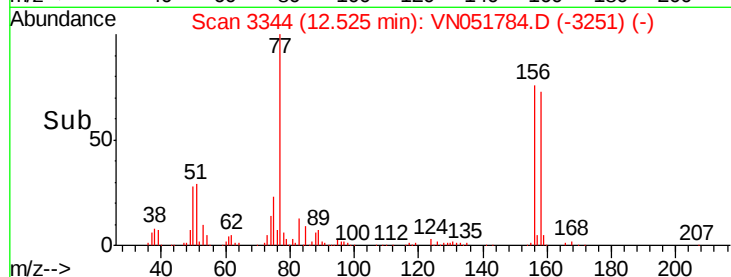
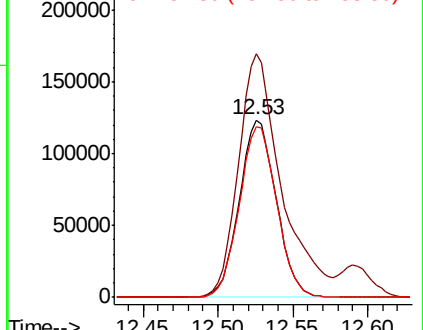
158 97.5 49.0 147.2



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: 20.024 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051784.D

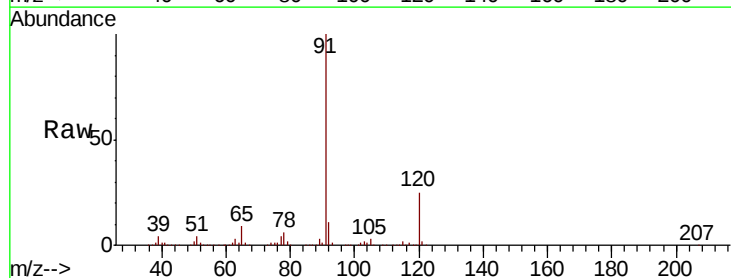
Acq: 10 Oct 2018 12:26

Tgt Ion: 91 Resp: 911841

Ion Ratio Lower Upper

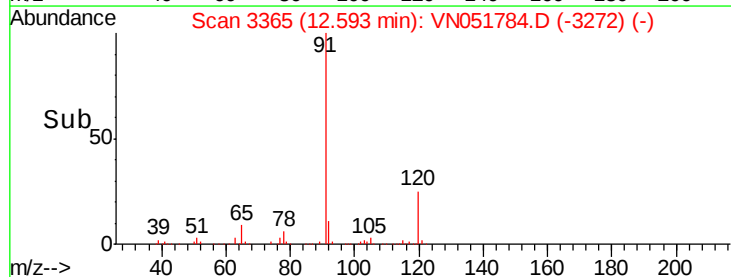
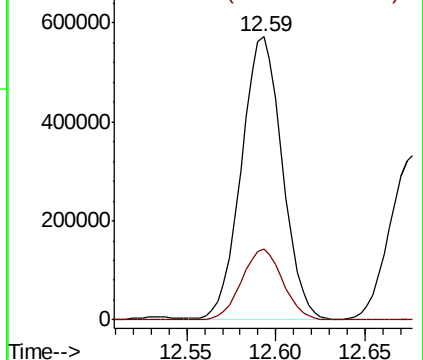
91 100

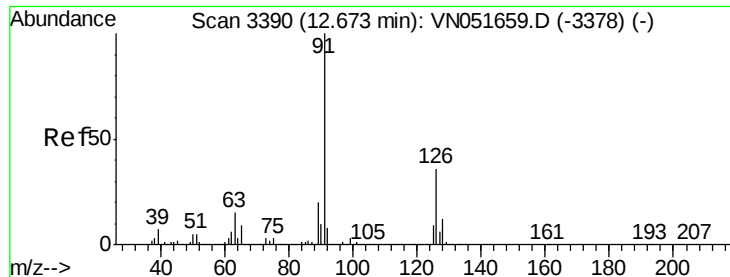
120 25.1 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.554 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

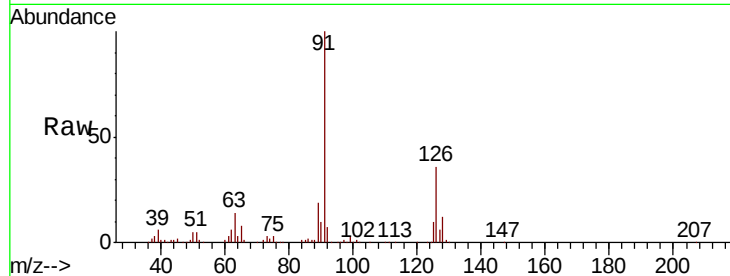
VN1010MBSD02

Tot Ion: 91 Resp: 551609

Ion Ratio Lower Upper

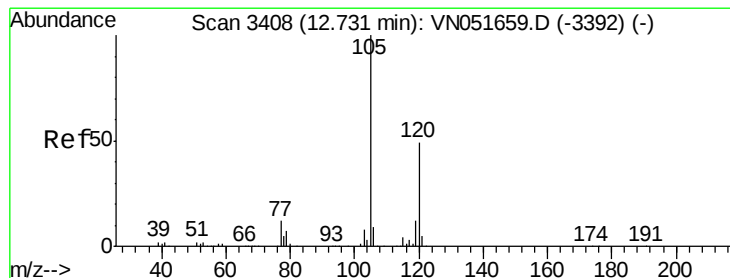
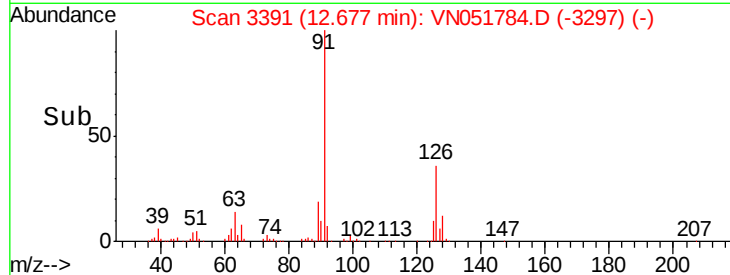
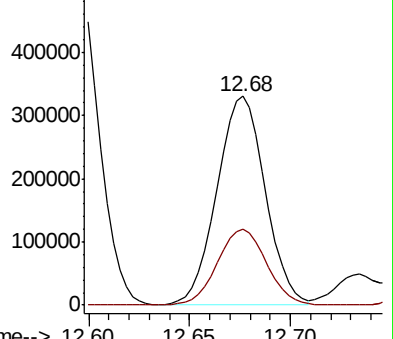
91 100

126 37.2 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) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.344 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051784.D

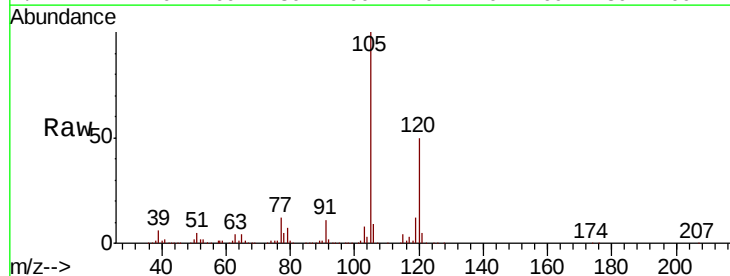
Acq: 10 Oct 2018 12:26

Tgt Ion: 105 Resp: 715797

Ion Ratio Lower Upper

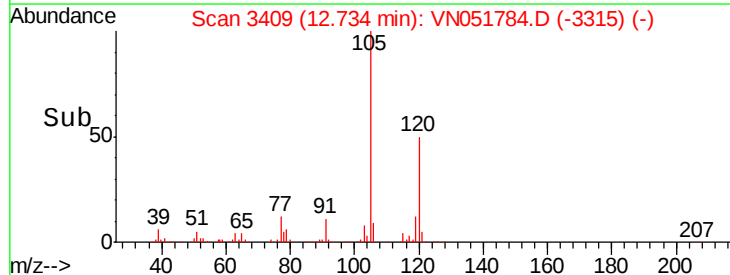
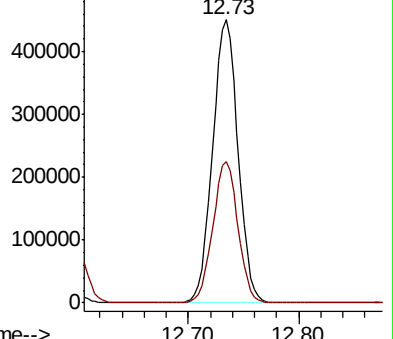
105 100

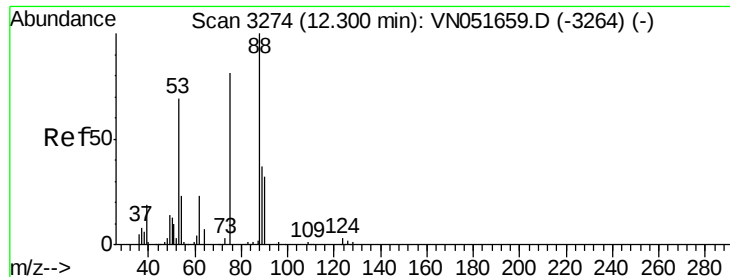
120 49.3 24.6 74.0



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.526 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

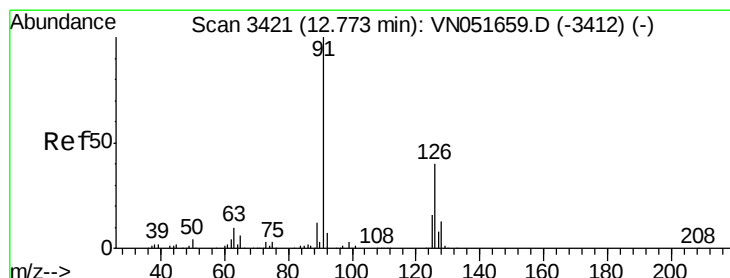
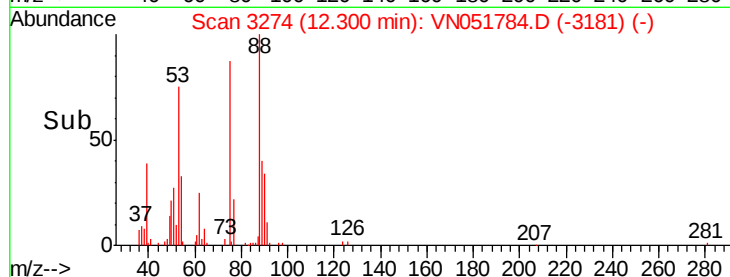
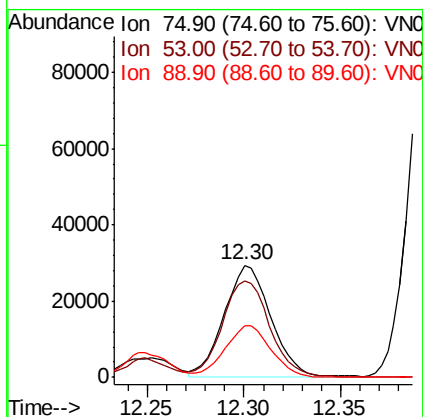
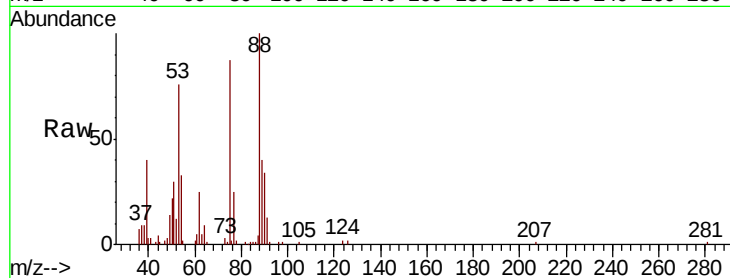
Tot Ion: 75 Resp: 49360

Ion Ratio Lower Upper

75 100

53 88.1 68.6 102.8

89 45.8 39.4 59.2



#82

4-Chlorotoluene

Concen: 20.220 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN051784.D

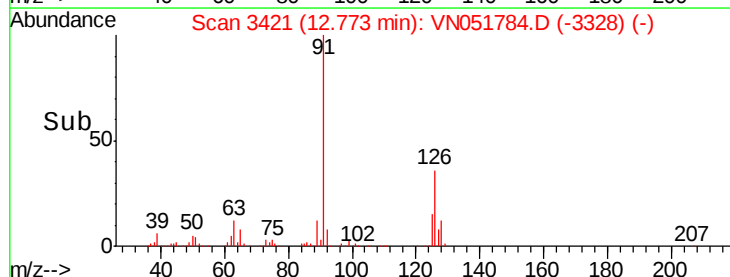
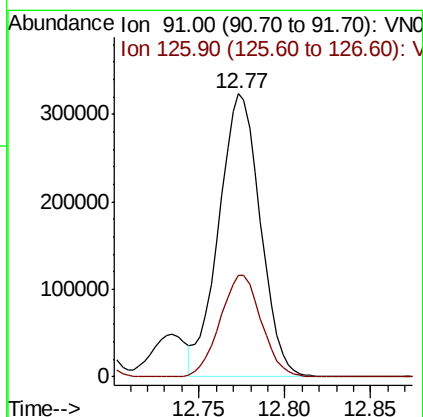
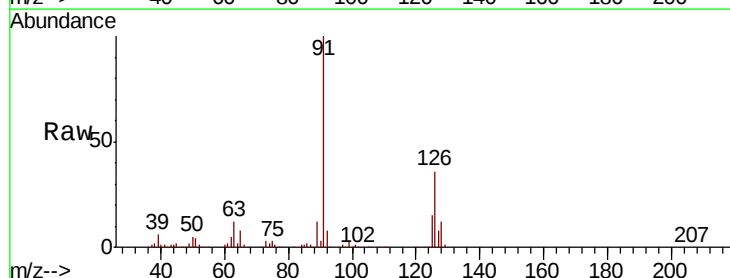
Acq: 10 Oct 2018 12:26

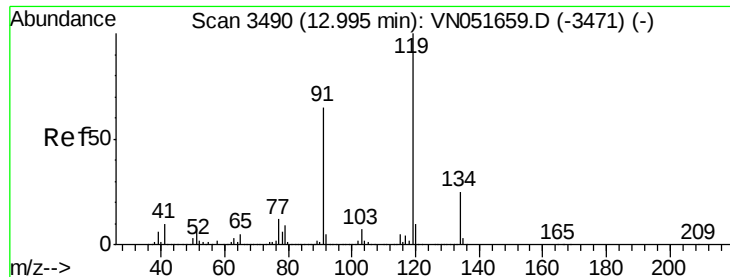
Tgt Ion: 91 Resp: 545148

Ion Ratio Lower Upper

91 100

126 35.8 18.0 54.0

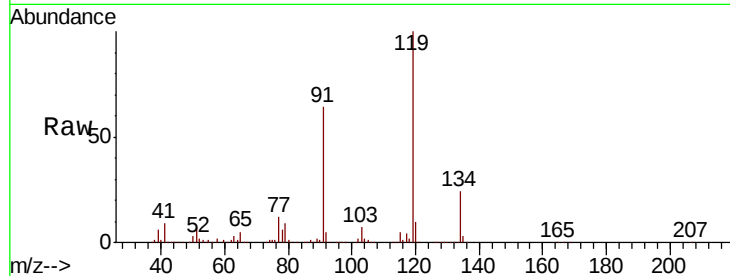




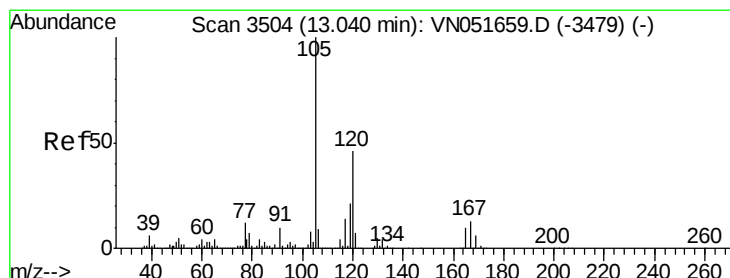
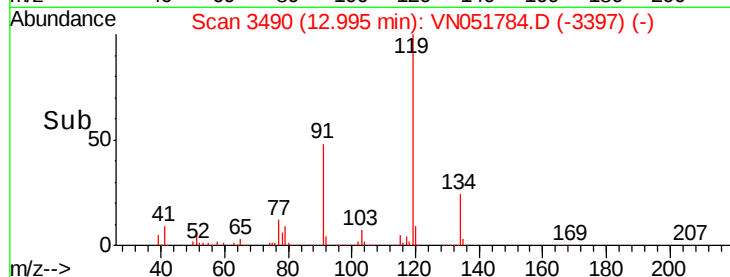
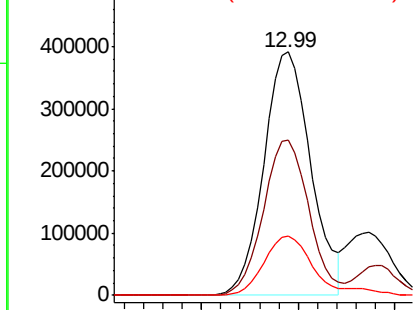
#83
tert-Butylbenzene
Concen: 20.956 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

Instrument :
MSVOA_N
ClientSampleId :
VN1010MBSD02

Tot Ion:119 Resp: 660682
Ion Ratio Lower Upper
119 100
91 62.3 32.1 96.5
134 24.4 13.3 39.9

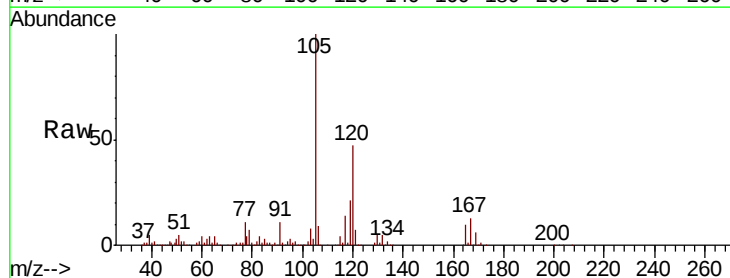


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

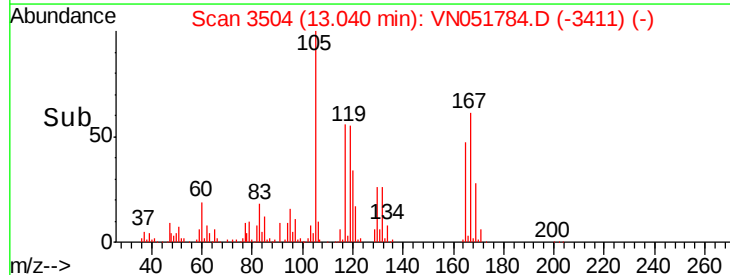
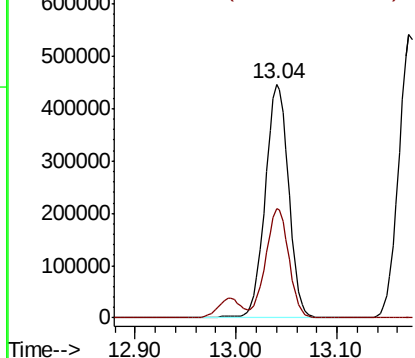


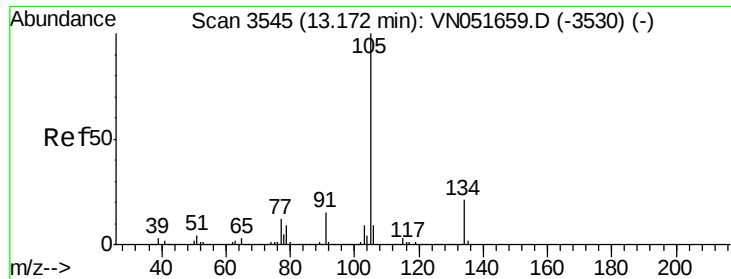
#84
1,2,4-Trimethylbenzene
Concen: 20.476 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN051784.D
Acq: 10 Oct 2018 12:26

Tgt Ion:105 Resp: 721618
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.590 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

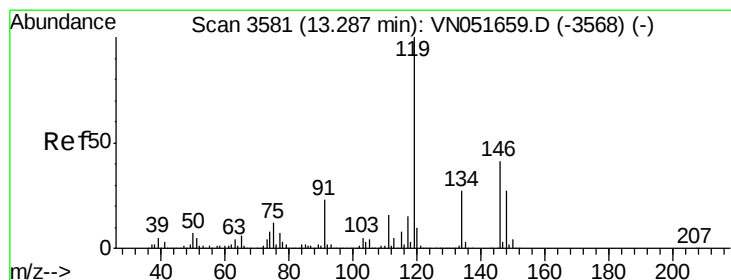
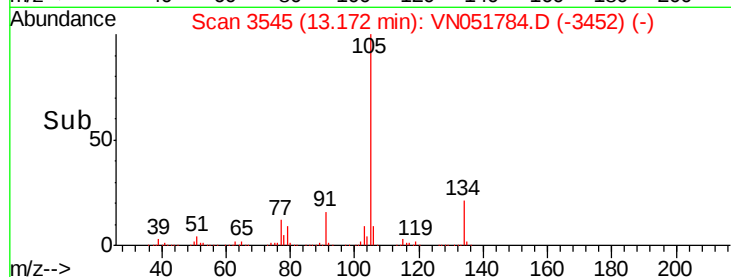
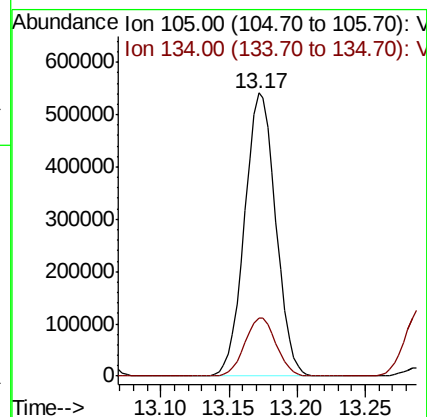
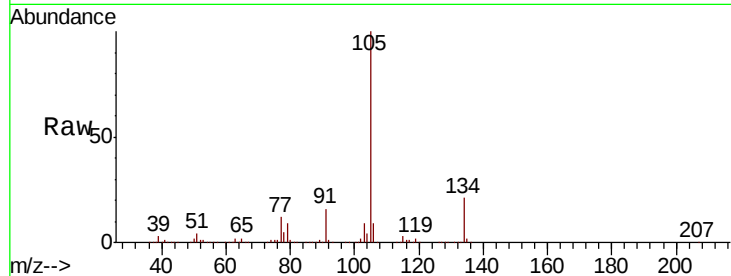
VN1010MBSD02

Tot Ion:105 Resp: 858665

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.6



#86

p-Isopropyltoluene

Concen: 20.459 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

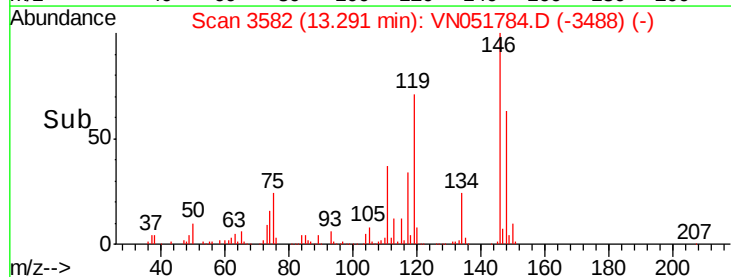
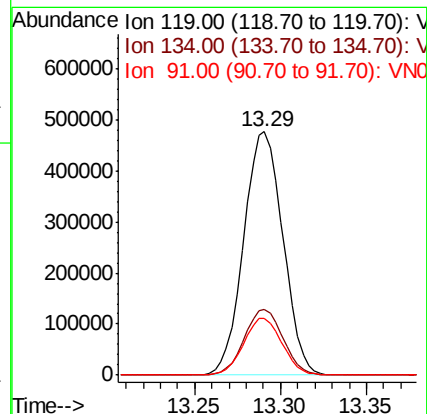
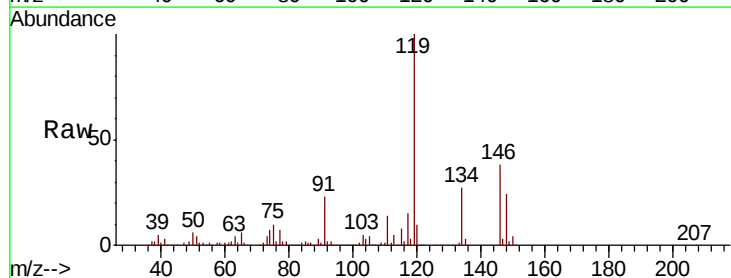
Tgt Ion:119 Resp: 756354

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.8 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 20.536 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

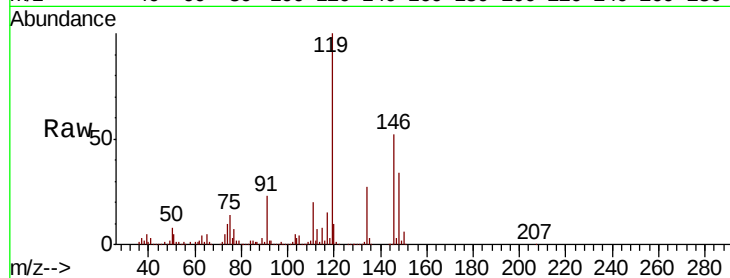
Tot Ion:146 Resp: 365288

Ion Ratio Lower Upper

146 100

111 37.9 19.3 57.9

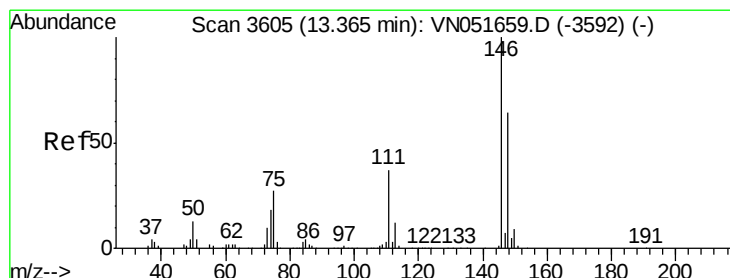
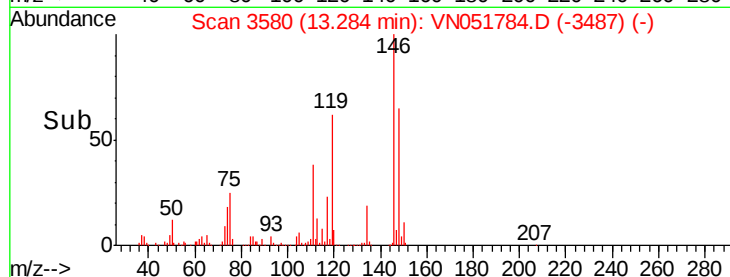
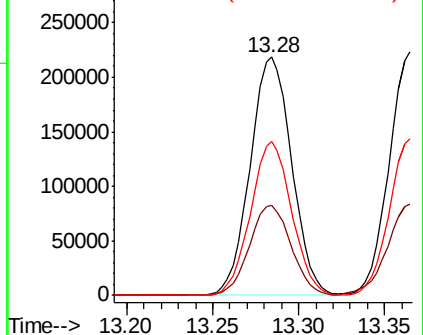
148 63.9 32.5 97.5



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: 20.519 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

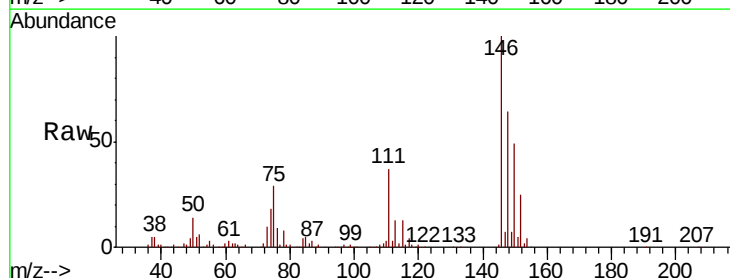
Tgt Ion:146 Resp: 359256

Ion Ratio Lower Upper

146 100

111 38.5 18.6 55.8

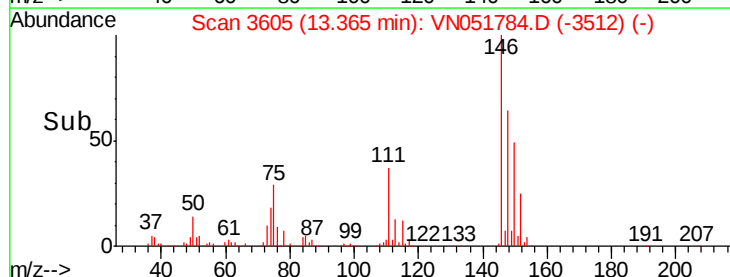
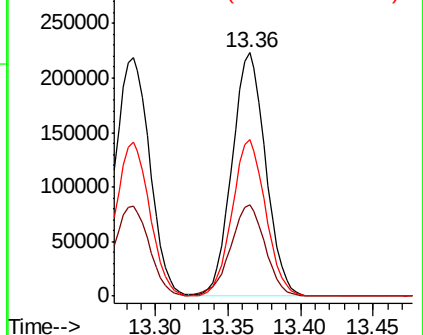
148 64.0 32.3 96.8

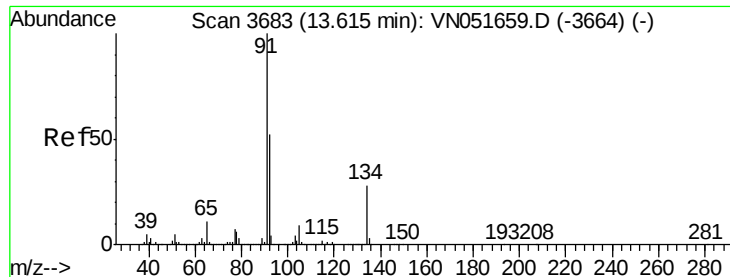


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.578 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

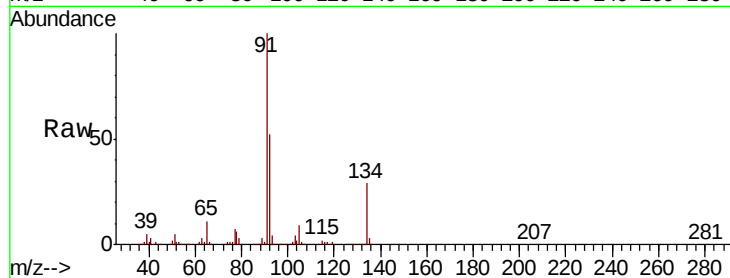
Tot Ion: 91 Resp: 572281

Ion Ratio Lower Upper

91 100

92 52.2 26.0 78.0

134 29.1 14.2 42.6

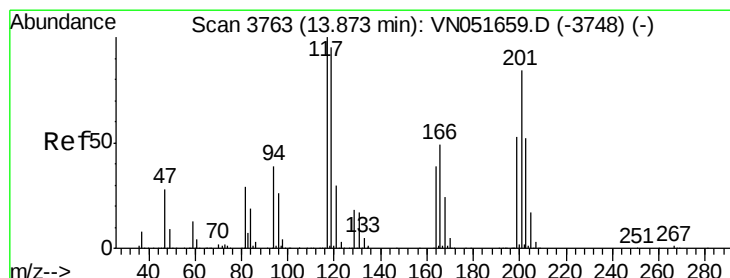
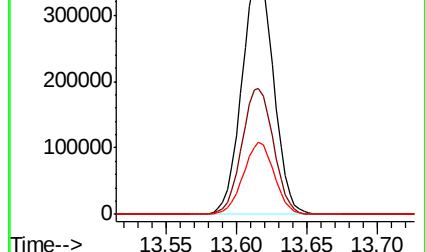
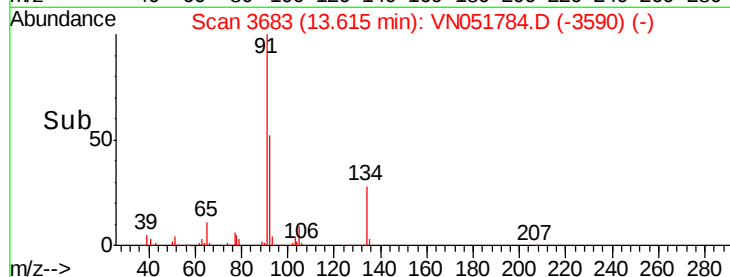


Abundance Ion 91.00 (90.70 to 91.70): VN051659.D (-3664) (-)

Ion 92.00 (91.70 to 92.70): VN051659.D (-3664) (-)

Ion 134.00 (133.70 to 134.70): VN051659.D (-3664) (-)

Time-->



#90

Hexachloroethane

Concen: 17.948 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051784.D

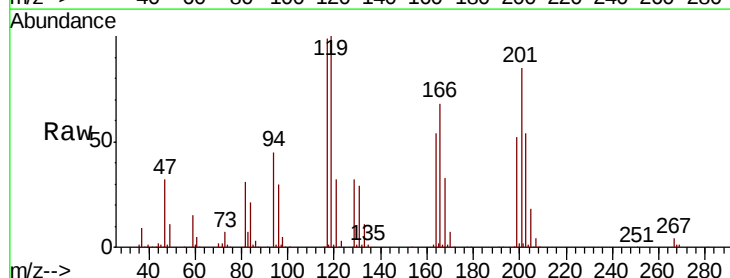
Acq: 10 Oct 2018 12:26

Tgt Ion: 117 Resp: 132390

Ion Ratio Lower Upper

117 100

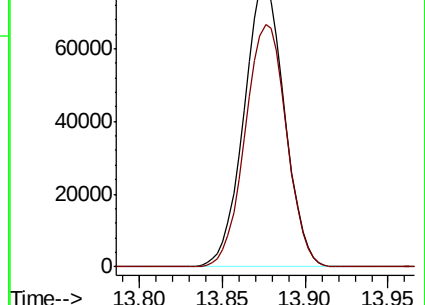
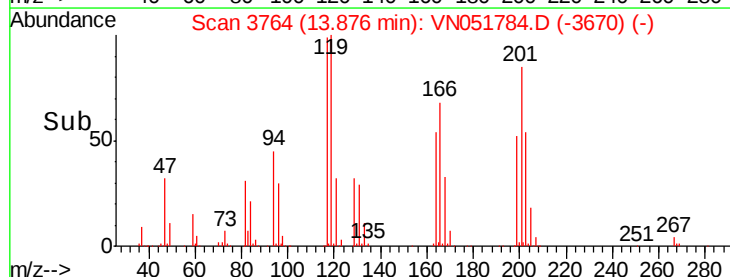
201 87.1 42.4 127.3

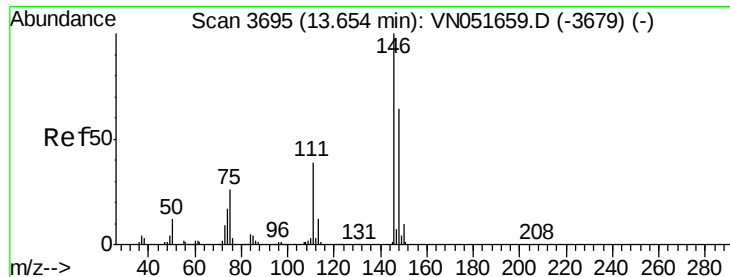


Abundance Ion 116.80 (116.50 to 117.50): VN051659.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN051659.D (-3748) (-)

Time-->

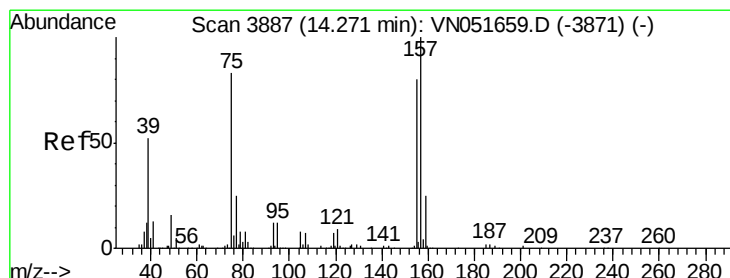
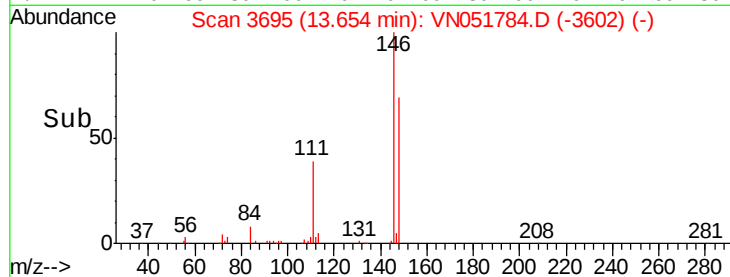
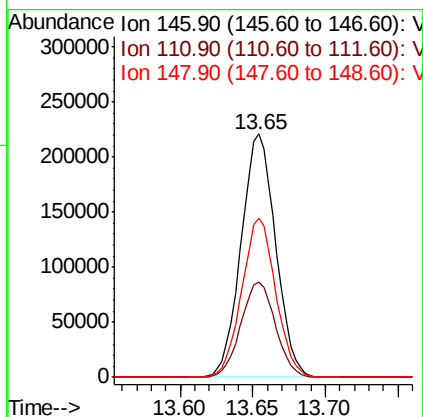
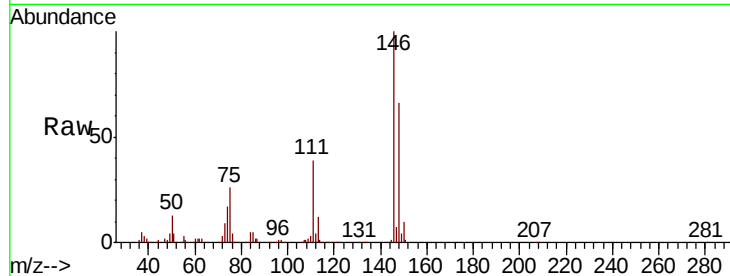




#91
 1,2-Dichlorobenzene
 Concen: 20.747 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

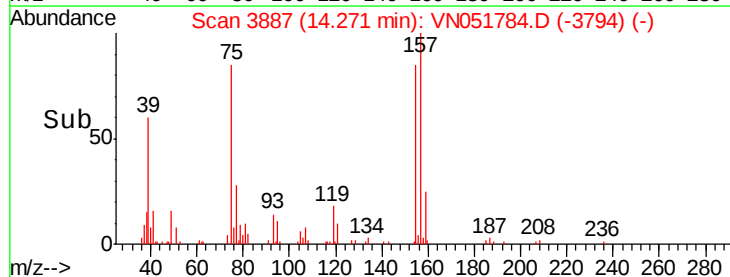
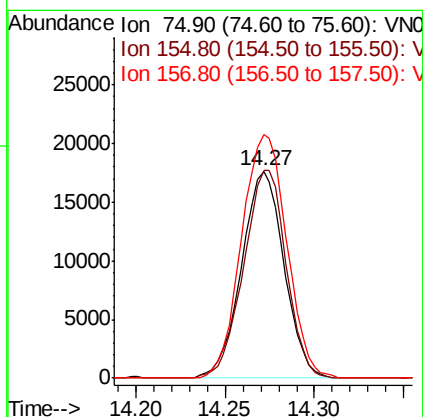
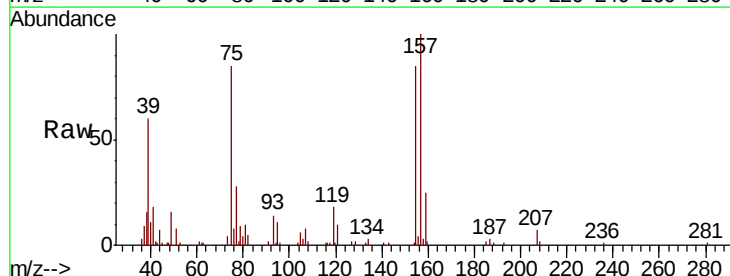
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBSD02

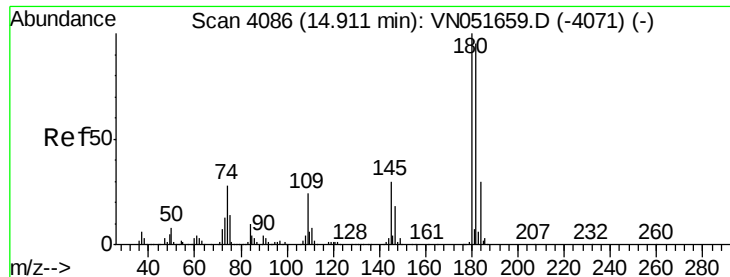
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.0
148	64.2	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.015 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.3	47.6	142.9
157	124.9	61.7	185.1

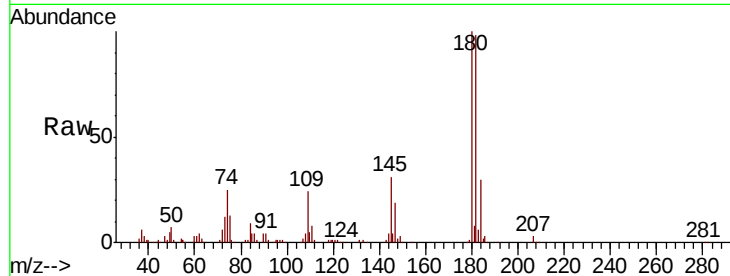




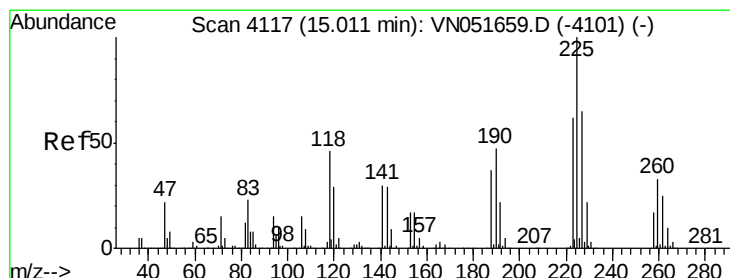
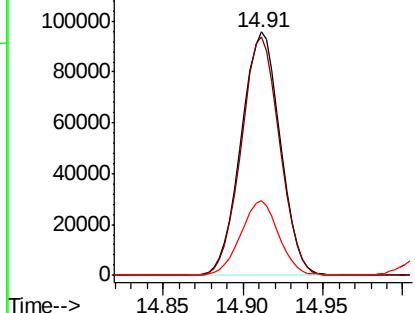
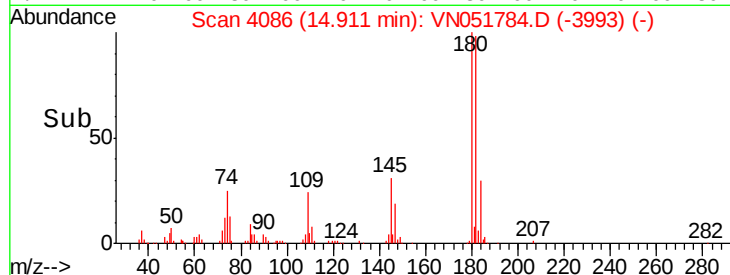
#93
 1,2,4-Trichlorobenzene
 Concen: 20.291 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBSD02

Tot Ion:180 Resp: 159666
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.7 143.1
 145 29.6 15.3 45.9

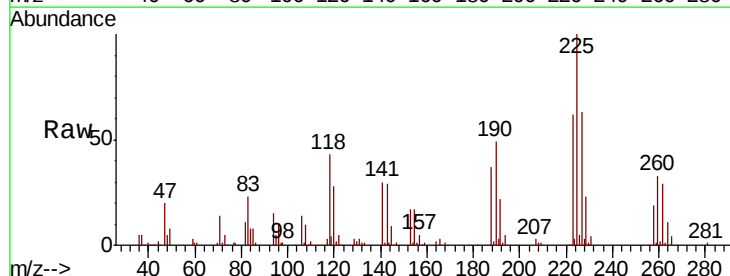


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

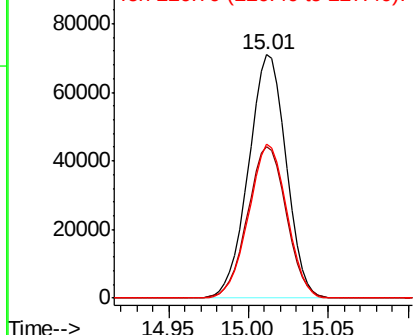
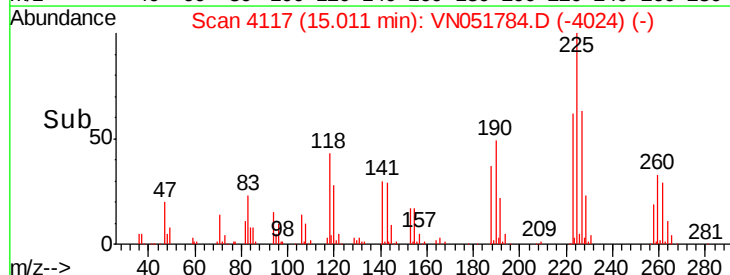


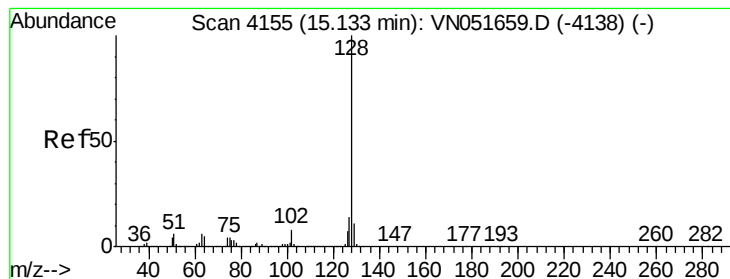
#94
 Hexachlorobutadiene
 Concen: 21.512 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051784.D
 Acq: 10 Oct 2018 12:26

Tgt Ion:225 Resp: 114847
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.9 95.5
 227 64.1 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: 20.039 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBSD02

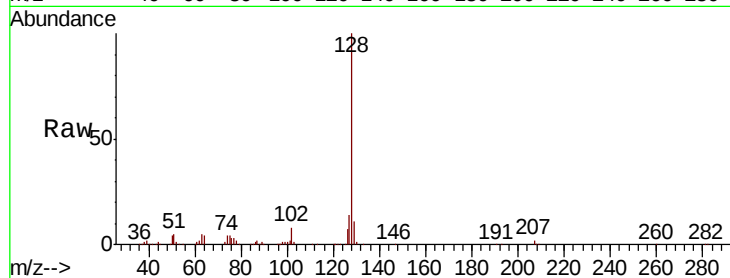
Tot Ion:128 Resp: 340508

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

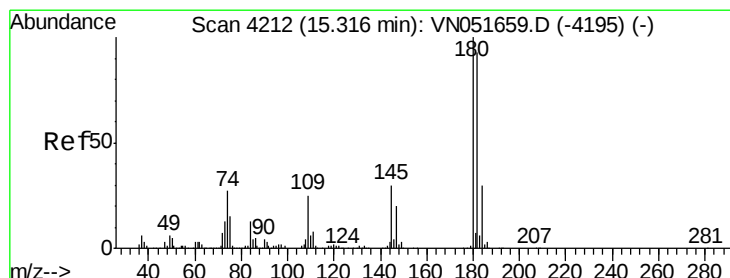
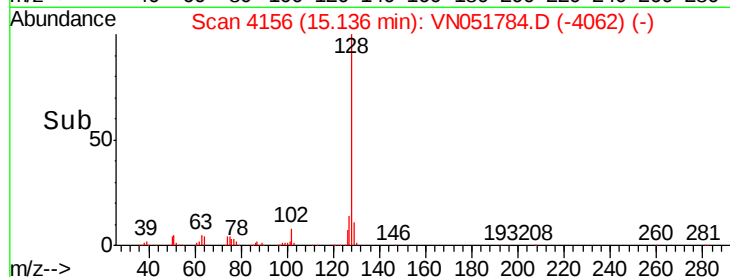
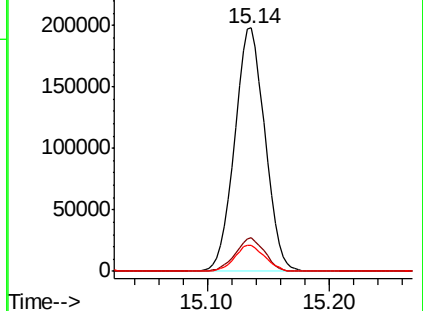
129 10.7 9.0 13.6



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: 21.492 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051784.D

Acq: 10 Oct 2018 12:26

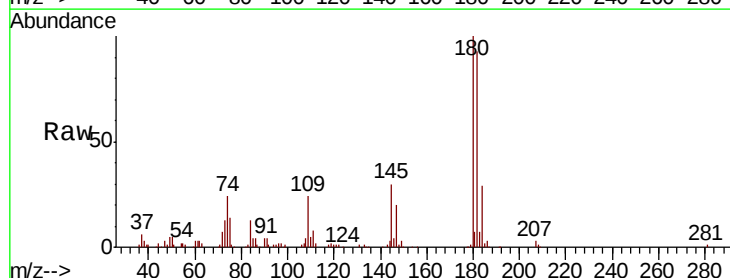
Tgt Ion:180 Resp: 166551

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 31.1 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

