

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051736.D
 Acq On : 8 Oct 2018 15:24
 Operator : MD\SY
 Sample : VN1008WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

Quant Time: Oct 09 03:58:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	560979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	852162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	783658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	406410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	368589	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	7.59	113	327242	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.09	98	1225757	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	396590	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	147247	21.655	ug/l	98
3) Chloromethane	2.06	50	135114	21.105	ug/l	99
4) Vinyl Chloride	2.18	62	207087	20.535	ug/l	98
5) Bromomethane	2.56	94	169961	21.915	ug/l	97
6) Chloroethane	2.70	64	138350	20.412	ug/l	99
7) Trichlorofluoromethane	3.01	101	247119	22.802	ug/l	98
8) Diethyl Ether	3.41	74	64573	21.973	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	123224	21.984	ug/l	98
10) Methyl Iodide	3.95	142	135549	19.773	ug/l	99
11) Tert butyl alcohol	4.80	59	51523	102.300	ug/l	99
12) 1,1-Dichloroethene	3.74	96	112496	21.534	ug/l	93
13) Acrolein	3.61	56	28429	90.350	ug/l	99
14) Allyl chloride	4.33	41	154302	19.365	ug/l	98
15) Acrylonitrile	4.99	53	176780	101.716	ug/l	97
16) Acetone	3.82	43	129930	92.825	ug/l	97
17) Carbon Disulfide	4.05	76	300446	18.920	ug/l	99
18) Methyl Acetate	4.33	43	93018	22.740	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	348587	20.215	ug/l	99
20) Methylene Chloride	4.55	84	124949	20.493	ug/l	92
21) trans-1,2-Dichloroethene	5.05	96	120948	19.537	ug/l	92
22) Diisopropyl ether	5.96	45	337100	19.736	ug/l	97
23) Vinyl Acetate	5.90	43	1227091	97.708	ug/l	99
24) 1,1-Dichloroethane	5.85	63	216375	19.698	ug/l	99
25) 2-Butanone	6.84	43	207703	97.059	ug/l	100
26) 2,2-Dichloropropane	6.83	77	188159	17.093	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	147064	20.463	ug/l	94
28) Bromochloromethane	7.20	49	93297	19.184	ug/l	96
29) Tetrahydrofuran	7.22	42	139188	105.989	ug/l	98
30) Chloroform	7.37	83	247615	20.063	ug/l	98
31) Cyclohexane	7.66	56	192912	19.176	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	240415	20.097	ug/l	96
36) 1,1-Dichloropropene	7.80	75	172425	19.358	ug/l	99
37) Ethyl Acetate	6.93	43	96206	20.709	ug/l	97
38) Carbon Tetrachloride	7.78	117	208796	19.535	ug/l	98

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Quant Time: Oct 09 03:58:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	215106	19.239	ug/l	98
40) Benzene	8.04	78	525105	19.886	ug/l	100
41) Methacrylonitrile	7.18	41	46043	19.051	ug/l	92
42) 1,2-Dichloroethane	8.13	62	181881	20.439	ug/l	100
43) Isopropyl Acetate	8.17	43	200421	20.693	ug/l #	89
44) Trichloroethene	8.84	130	153282	20.444	ug/l	98
45) 1,2-Dichloropropane	9.12	63	129522	19.840	ug/l	99
46) Dibromomethane	9.21	93	92536	20.392	ug/l	99
47) Bromodichloromethane	9.40	83	195887	19.610	ug/l	100
48) Methyl methacrylate	9.20	41	90247	20.391	ug/l	97
49) 1,4-Dioxane	9.20	88	27251	410.634	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	524425	106.852	ug/l	99
52) Toluene	10.16	92	346539	19.732	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	190137	18.446	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	201487	18.408	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	127457	20.373	ug/l	98
56) Ethyl methacrylate	10.43	69	160614	20.301	ug/l	99
57) 1,3-Dichloropropane	10.71	76	203299	20.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	321538	98.198	ug/l	98
59) 2-Hexanone	10.75	43	341082	102.330	ug/l	97
60) Dibromochloromethane	10.90	129	155558	19.000	ug/l	99
61) 1,2-Dibromoethane	11.01	107	132690	20.063	ug/l	99
64) Tetrachloroethene	10.63	164	145252	21.009	ug/l	97
65) Chlorobenzene	11.44	112	390735	20.132	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	153568	19.761	ug/l	98
67) Ethyl Benzene	11.51	91	671958	20.031	ug/l	99
68) m/p-Xylenes	11.62	106	538401	40.112	ug/l	99
69) o-Xylene	11.95	106	264587	20.100	ug/l	100
70) Styrene	11.97	104	413988	19.737	ug/l	99
71) Bromoform	12.13	173	105144	18.190	ug/l #	98
73) Isopropylbenzene	12.25	105	706209	20.385	ug/l	99
74) N-amyl acetate	12.07	43	157149	19.977	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	153374	20.554	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	183301	35.074	ug/l #	100
77) Bromobenzene	12.53	156	168525	19.895	ug/l	98
78) n-propylbenzene	12.59	91	749591	19.837	ug/l	100
79) 2-Chlorotoluene	12.68	91	445514	20.005	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	590728	20.233	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	37417	16.924	ug/l	85
82) 4-Chlorotoluene	12.77	91	439652	19.652	ug/l	98
83) tert-Butylbenzene	12.99	119	538852	20.598	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	602507	20.603	ug/l	99
85) sec-Butylbenzene	13.17	105	704918	20.371	ug/l	99
86) p-Isopropyltoluene	13.29	119	634301	20.676	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	299555	20.294	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	291263	20.047	ug/l	99
89) n-Butylbenzene	13.62	91	469775	19.368	ug/l	98
90) Hexachloroethane	13.88	117	115737	18.909	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	297358	20.265	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	25905	21.286	ug/l	98

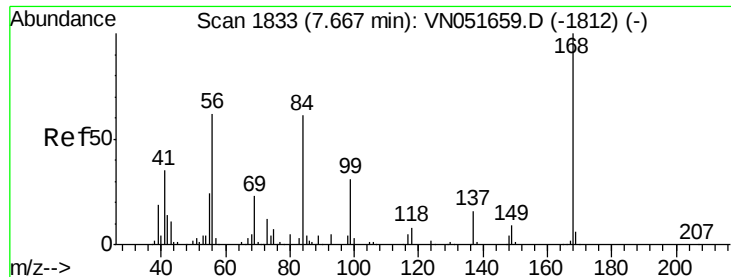
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
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Quant Time: Oct 09 03:58:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 05 02:22:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	120297	18.424	ug/l	99
94) Hexachlorobutadiene	15.01	225	87431	19.736	ug/l	97
95) Naphthalene	15.13	128	260398	18.468	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	125768	19.558	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

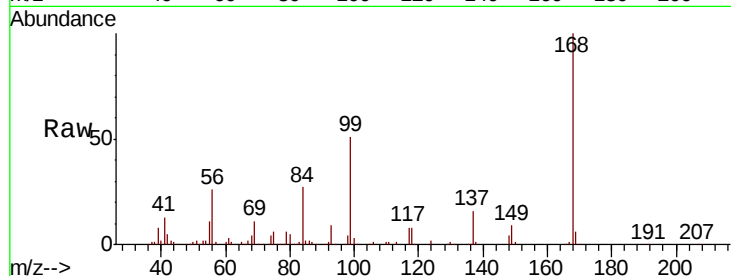
VN1008WBSD01

Tot Ion:168 Resp: 560979

Ion Ratio Lower Upper

168 100

99 50.2 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

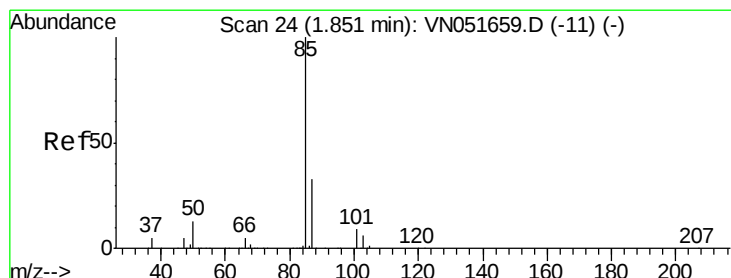
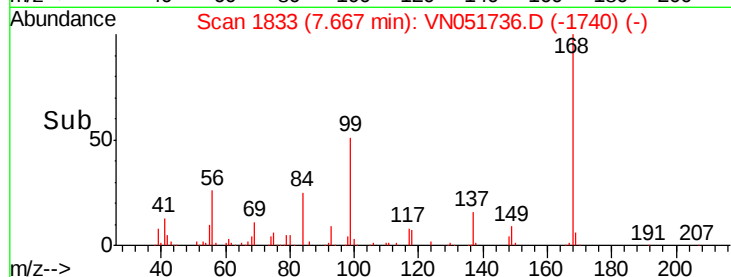
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.655 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051736.D

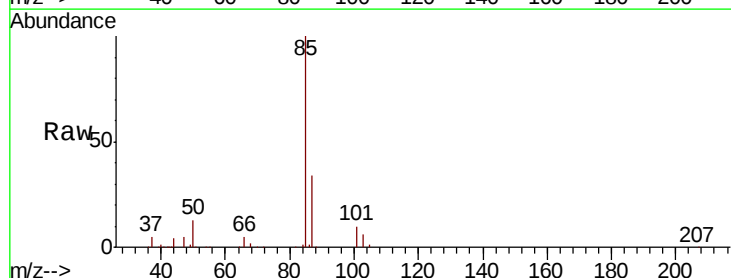
Acq: 8 Oct 2018 15:24

Tgt Ion: 85 Resp: 147247

Ion Ratio Lower Upper

85 100

87 33.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

120000

100000

80000

60000

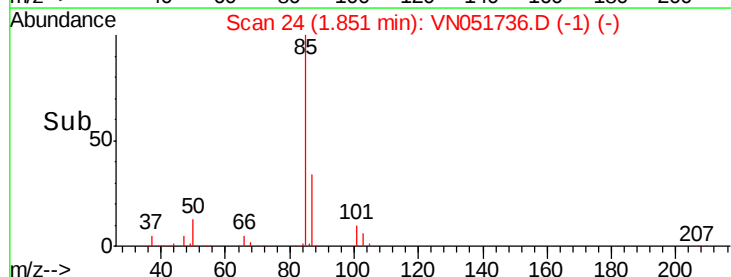
40000

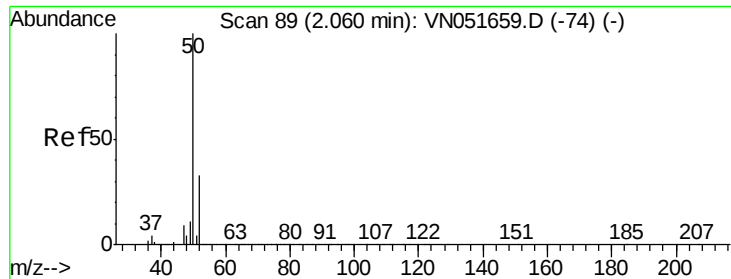
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 21.105 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

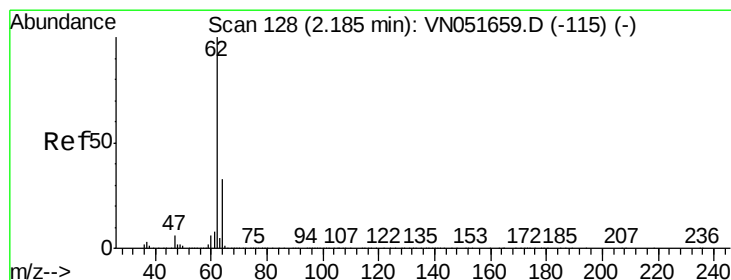
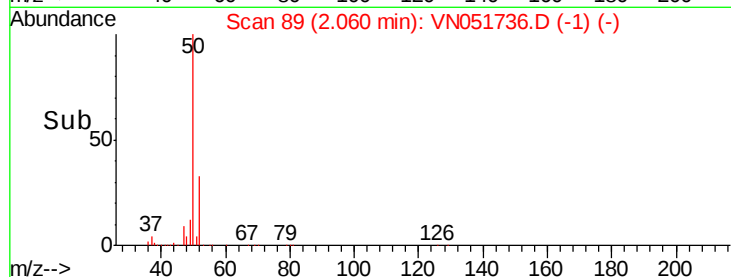
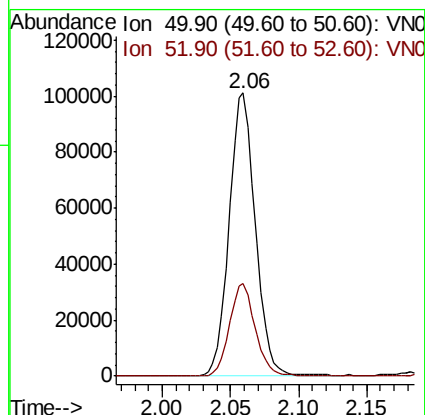
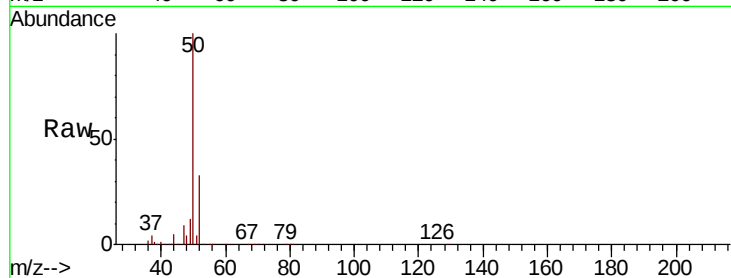
VN1008WBSD01

Tot Ion: 50 Resp: 135114

Ion Ratio Lower Upper

50 100

52 32.8 26.6 39.8



#4

Vinyl Chloride

Concen: 20.535 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051736.D

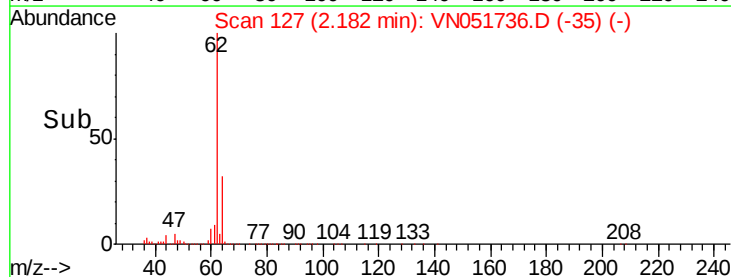
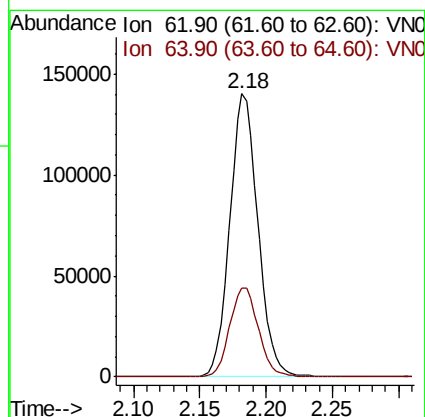
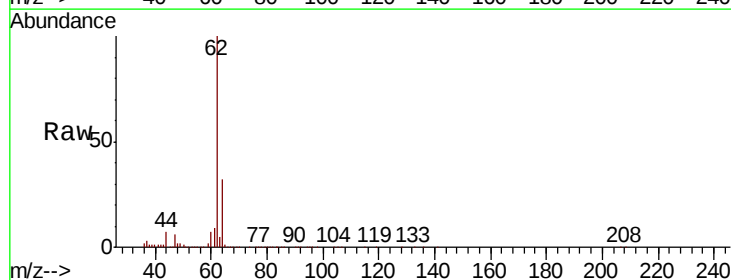
Acq: 8 Oct 2018 15:24

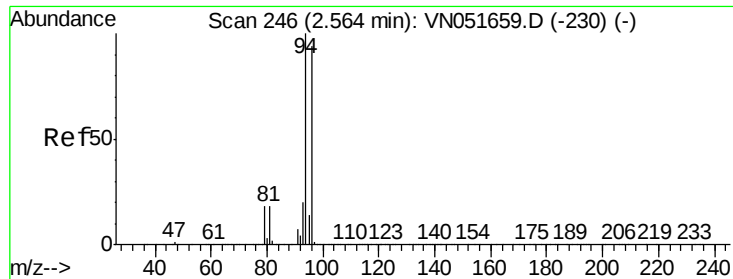
Tgt Ion: 62 Resp: 207087

Ion Ratio Lower Upper

62 100

64 31.5 26.2 39.4





#5

Bromomethane

Concen: 21.915 ug/l

RT: 2.56 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

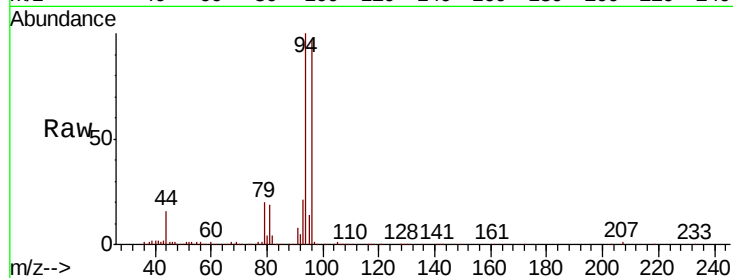
VN1008WBSD01

Tot Ion: 94 Resp: 169961

Ion Ratio Lower Upper

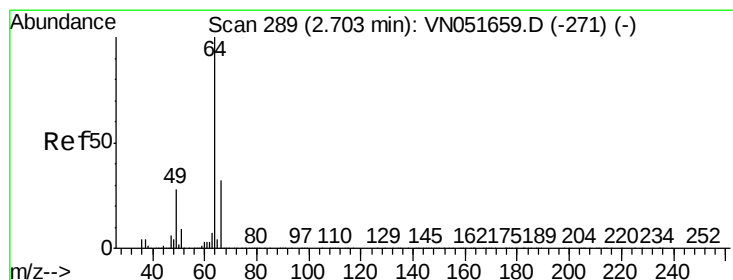
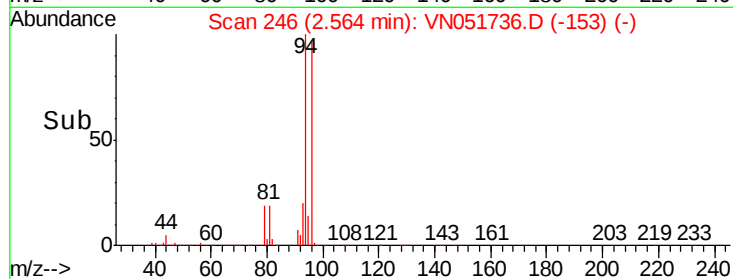
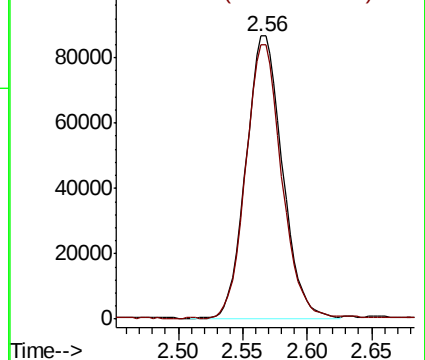
94 100

96 96.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.412 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051736.D

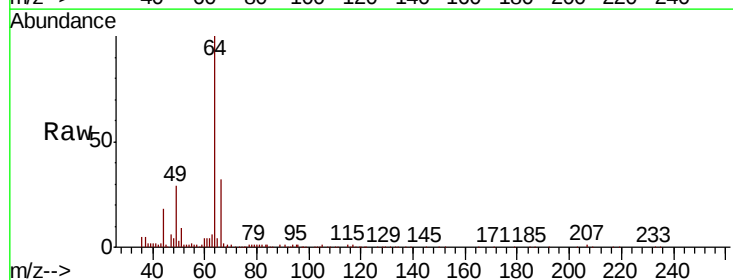
Acq: 8 Oct 2018 15:24

Tgt Ion: 64 Resp: 138350

Ion Ratio Lower Upper

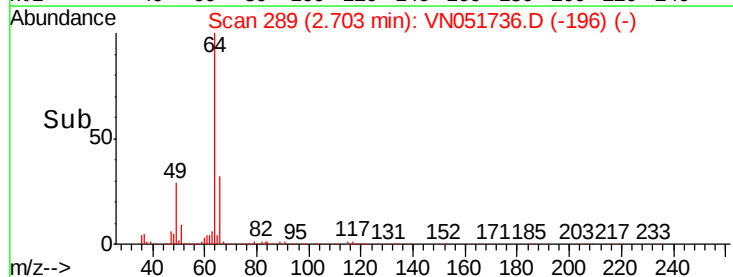
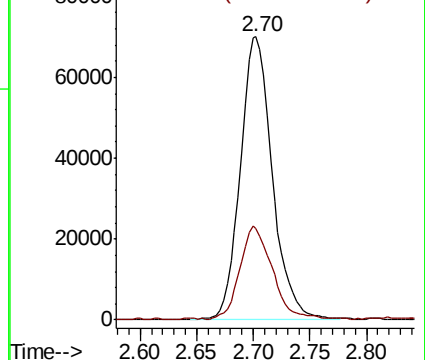
64 100

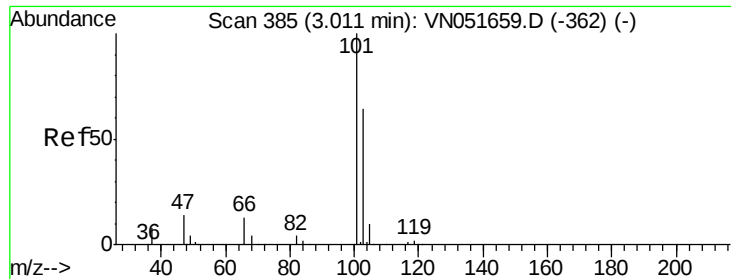
66 31.7 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



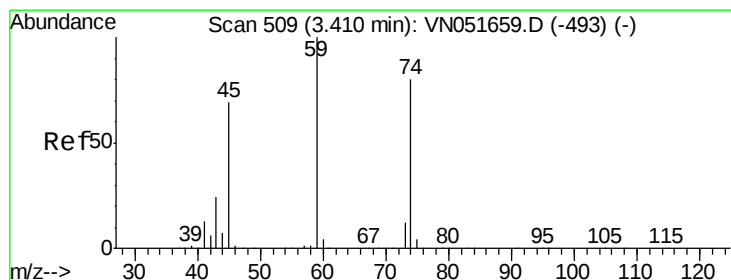
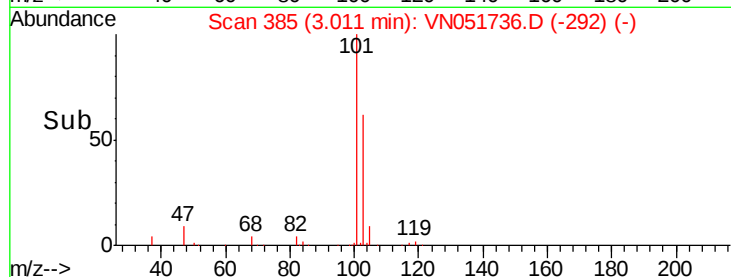
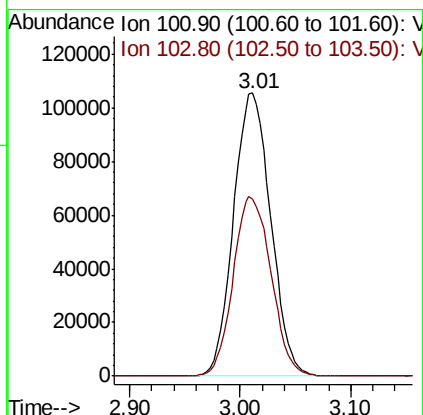
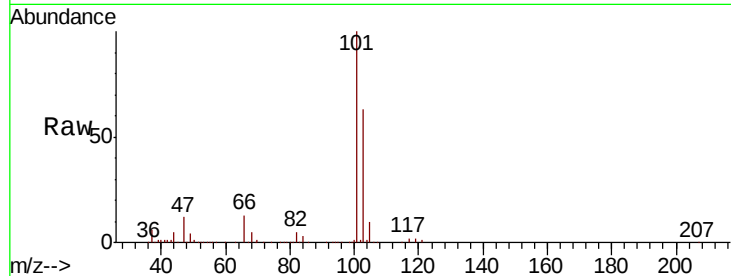


#7

Trichlorofluoromethane
 Concen: 22.802 ug/l
 RT: 3.01 min Scan# 385
 Delta R.T. 0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Instrument :
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 ClientSampleId :
 VN1008WBSD01

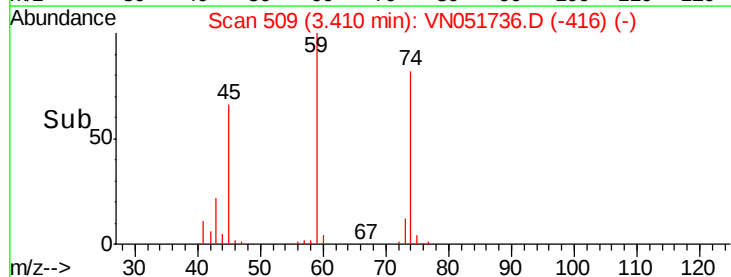
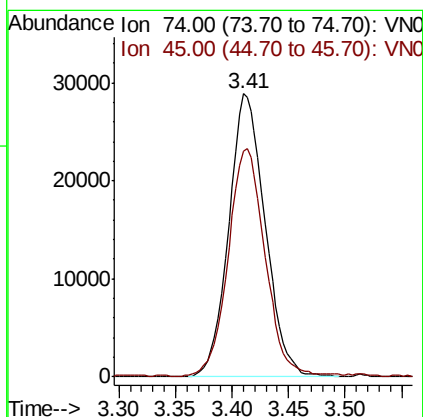
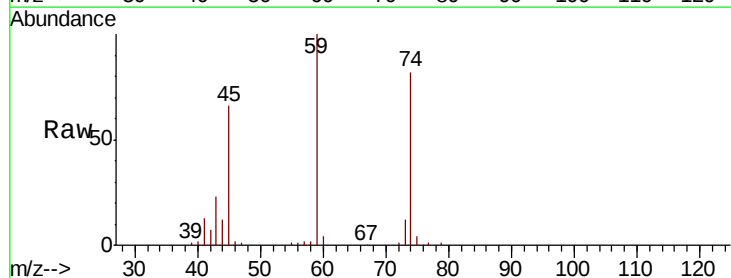
Tot Ion:101 Resp: 247119
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.1 76.7

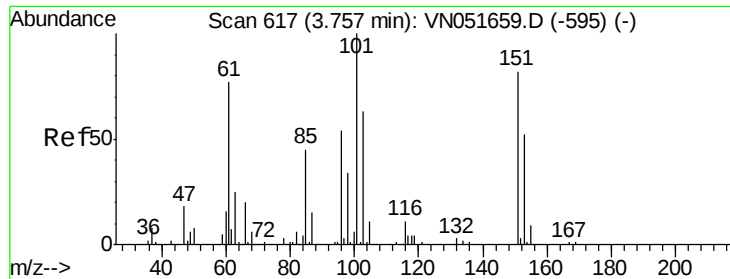


#8

Diethyl Ether
 Concen: 21.973 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Tgt Ion: 74 Resp: 64573
 Ion Ratio Lower Upper
 74 100
 45 82.0 44.3 132.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.984 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampled :

VN1008WBSD01

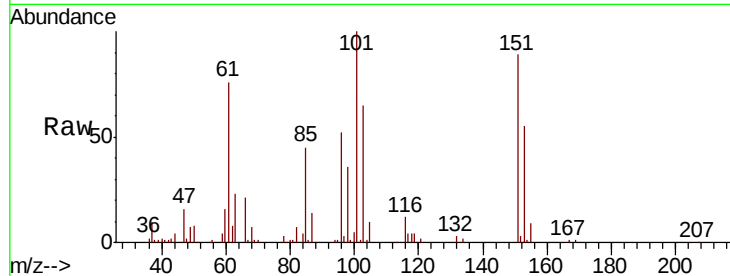
Tot Ion:101 Resp: 123224

Ion Ratio Lower Upper

101 100

85 44.3 35.6 53.4

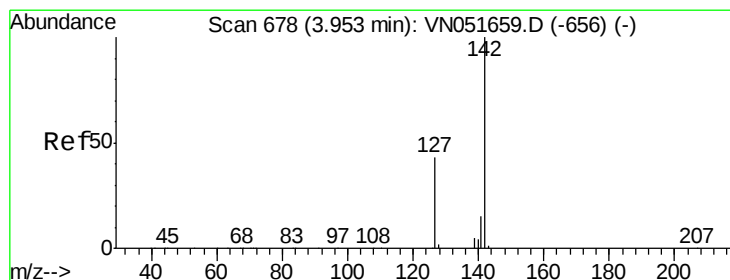
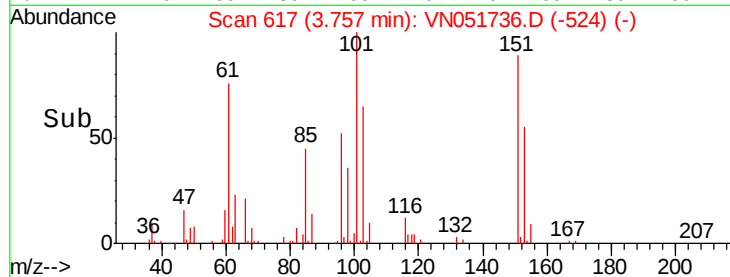
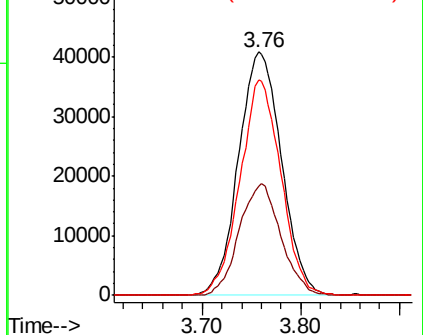
151 84.3 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.773 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

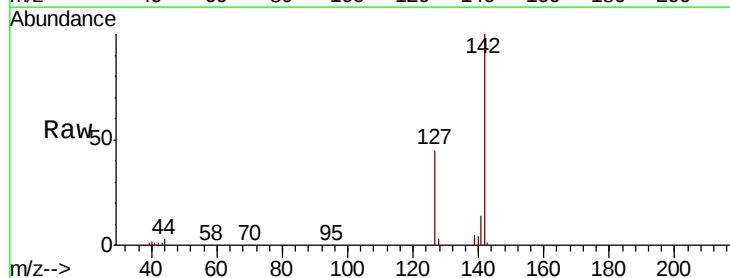
Tgt Ion:142 Resp: 135549

Ion Ratio Lower Upper

142 100

127 43.8 34.7 52.1

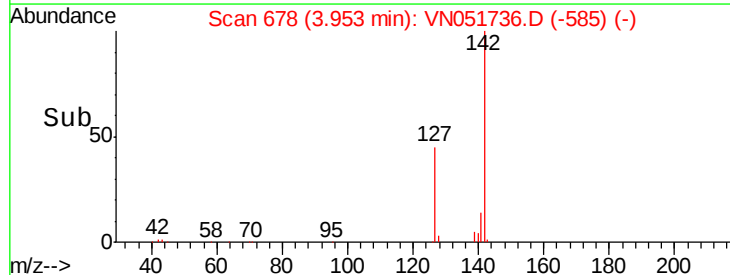
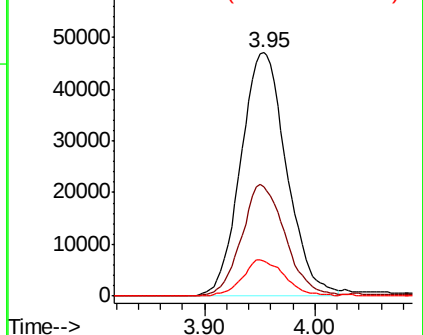
141 13.8 11.4 17.2

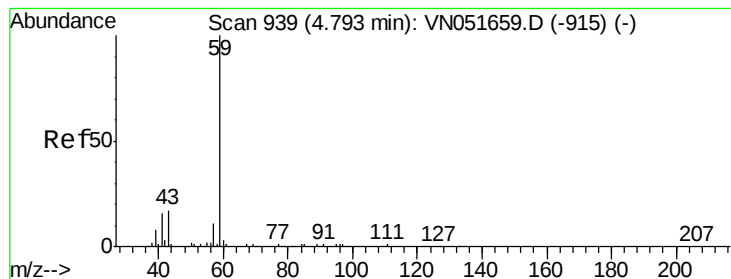


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



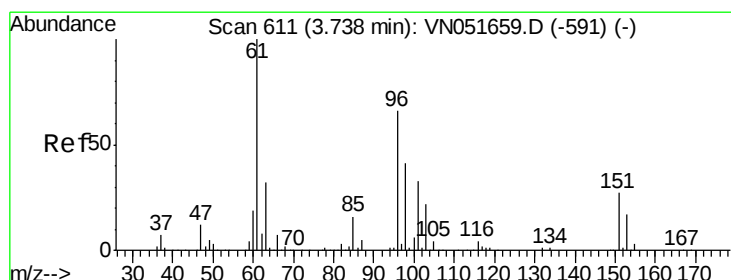
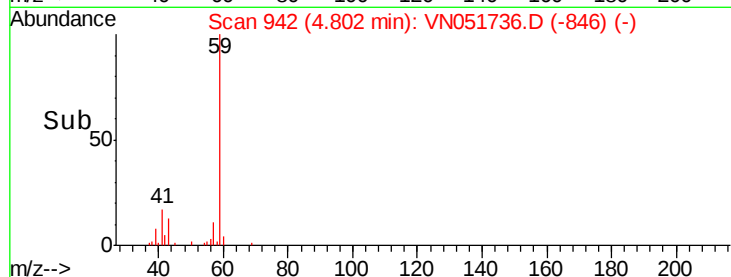
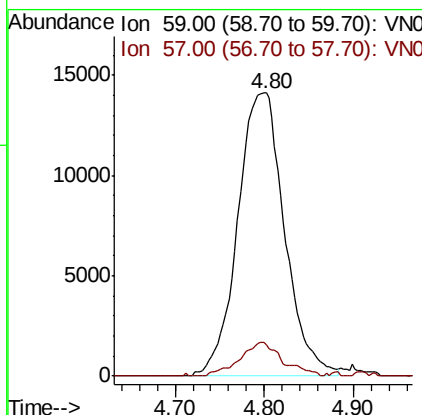
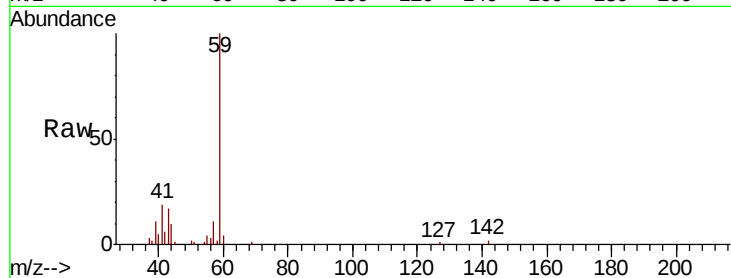


#11

Tert butyl alcohol
 Concen: 102.300 ug/l
 RT: 4.80 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

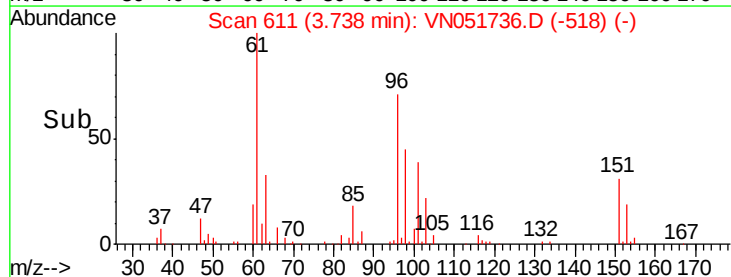
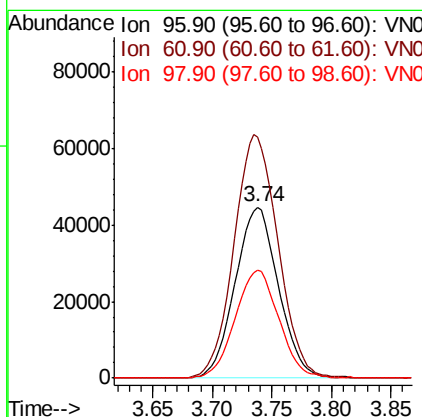
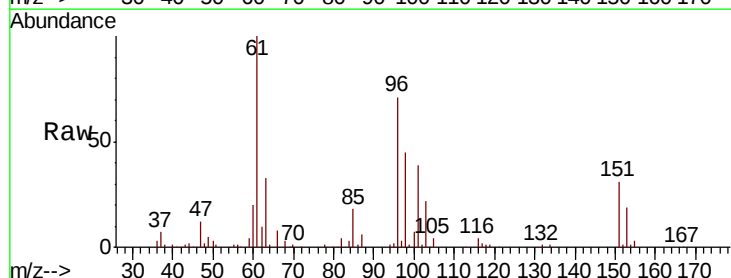
Tot Ion: 59 Resp: 51523
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.1 12.1



#12

1,1-Dichloroethene
 Concen: 21.534 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Tgt Ion: 96 Resp: 112496
 Ion Ratio Lower Upper
 96 100
 61 140.5 121.4 182.0
 98 63.2 49.9 74.9





#13

Acrolein

Concen: 90.350 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

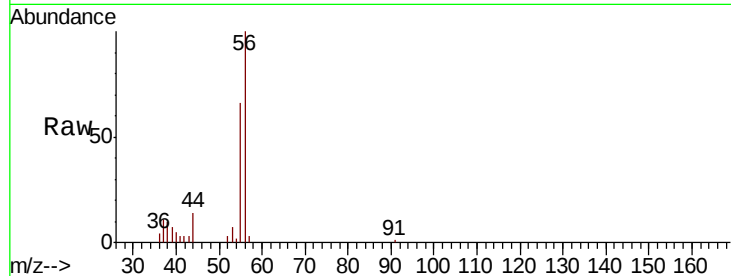
VN1008WBSD01

Tot Ion: 56 Resp: 28429

Ion Ratio Lower Upper

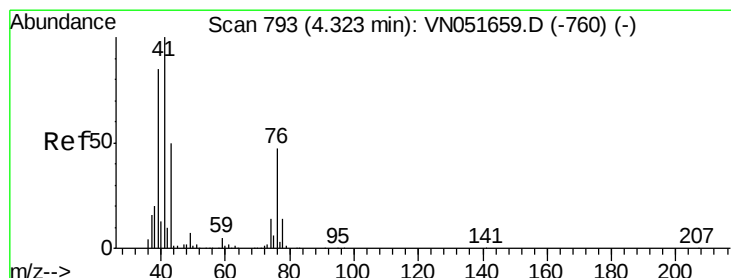
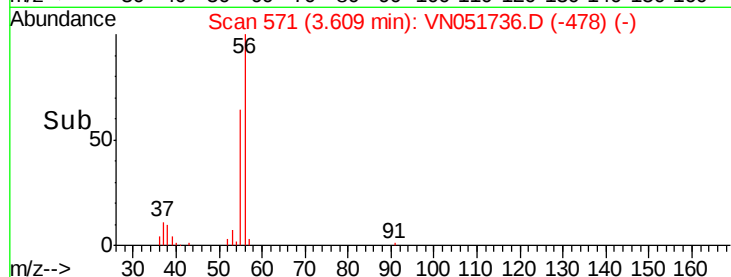
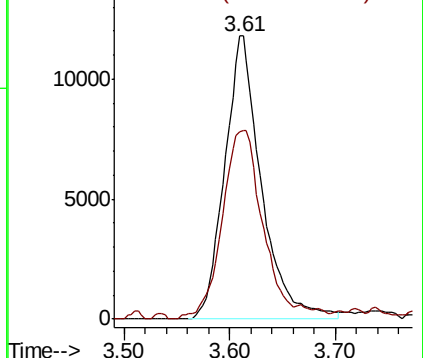
56 100

55 72.6 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: 19.365 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

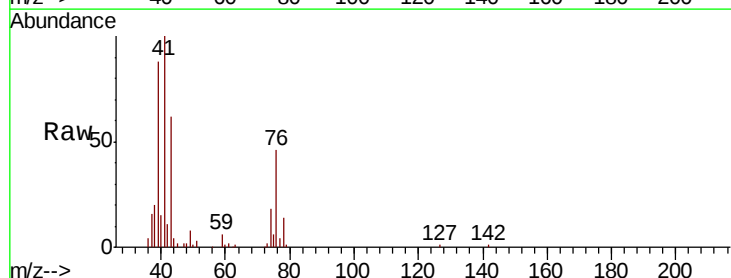
Tgt Ion: 41 Resp: 154302

Ion Ratio Lower Upper

41 100

39 83.3 65.4 98.0

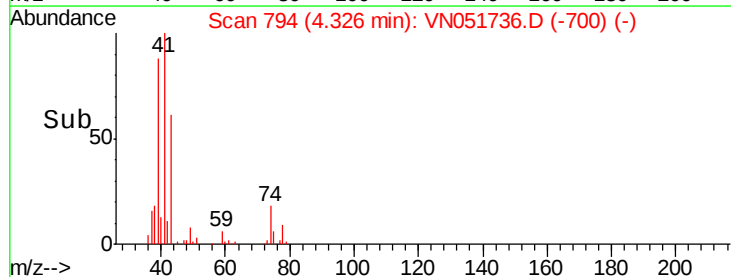
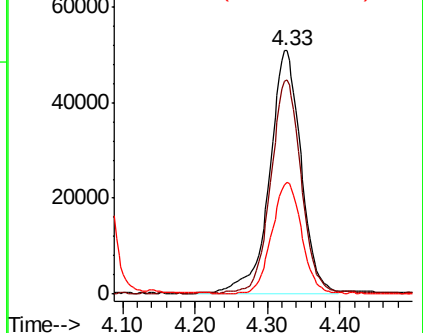
76 43.6 34.3 51.5

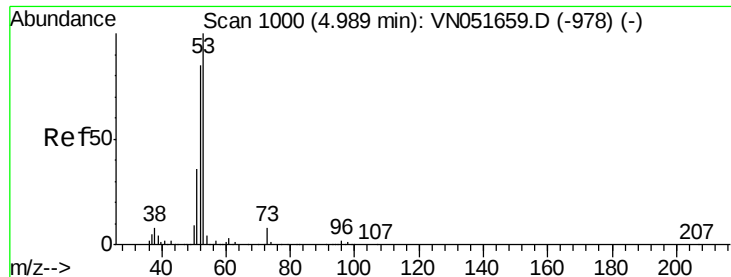


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 101.716 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

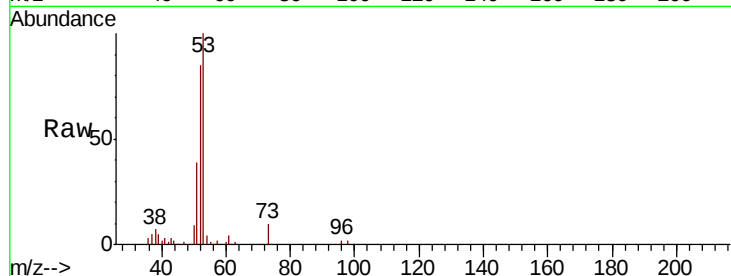
Tot Ion: 53 Resp: 176780

Ion Ratio Lower Upper

53 100

52 85.5 66.2 99.2

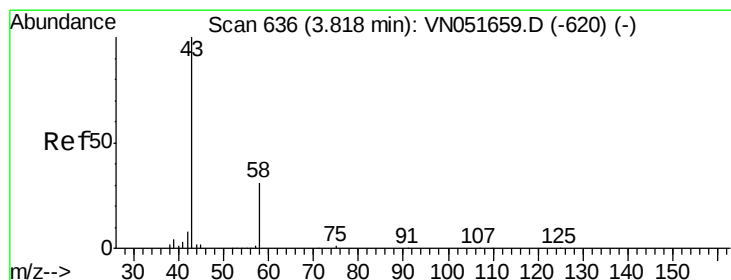
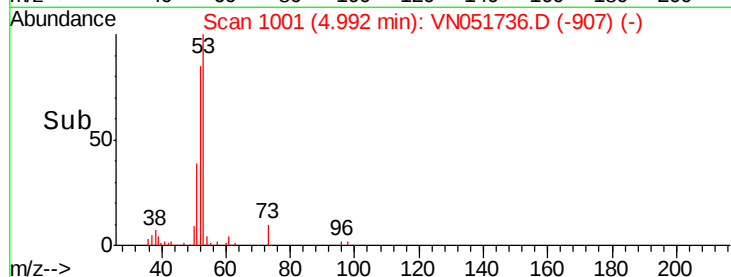
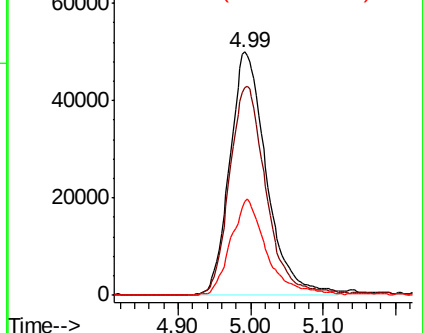
51 38.7 30.3 45.5



Abundance Ion 53.00 (52.70 to 53.70): VN051659.D (-978) (-)

Ion 52.00 (51.70 to 52.70): VN051659.D (-978) (-)

Ion 51.00 (50.70 to 51.70): VN051659.D (-978) (-)



#16

Acetone

Concen: 92.825 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051736.D

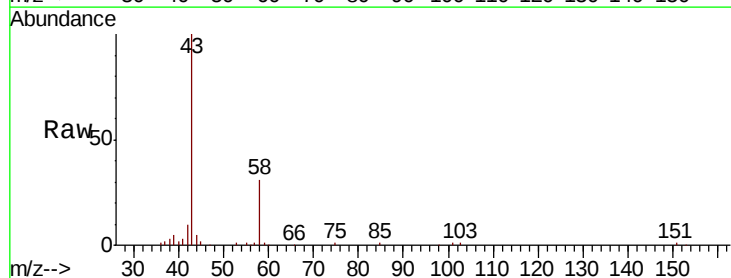
Acq: 8 Oct 2018 15:24

Tgt Ion: 43 Resp: 129930

Ion Ratio Lower Upper

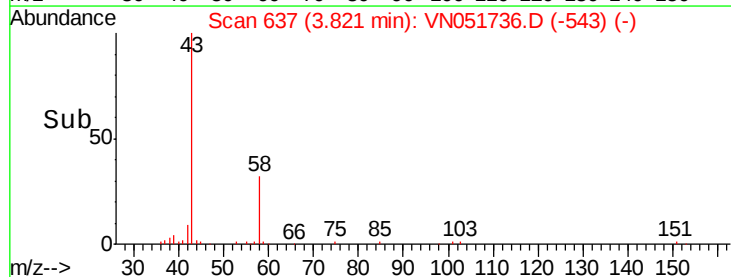
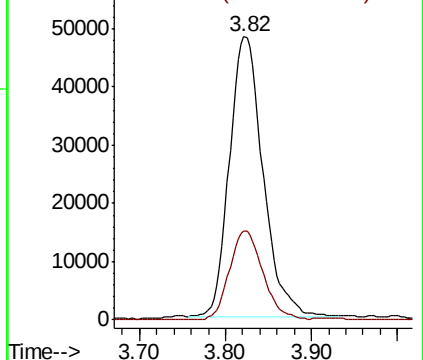
43 100

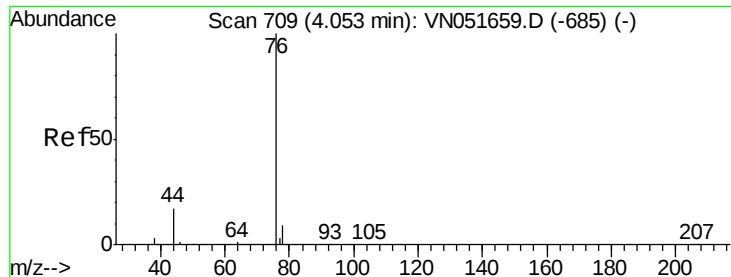
58 31.8 24.3 36.5



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-620) (-)

Ion 58.00 (57.70 to 58.70): VN051659.D (-620) (-)

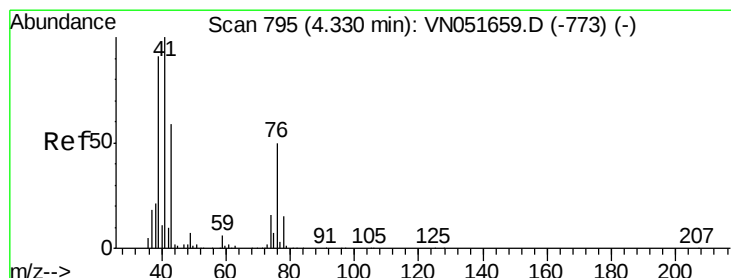
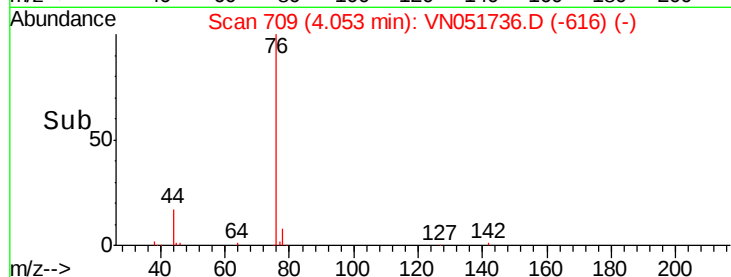
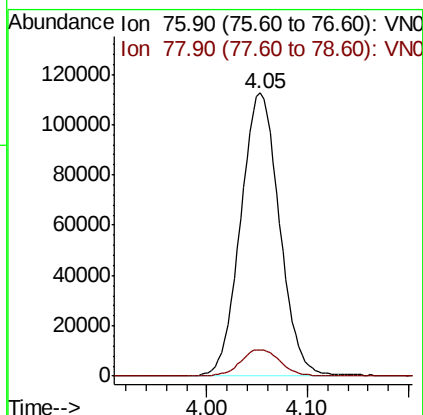
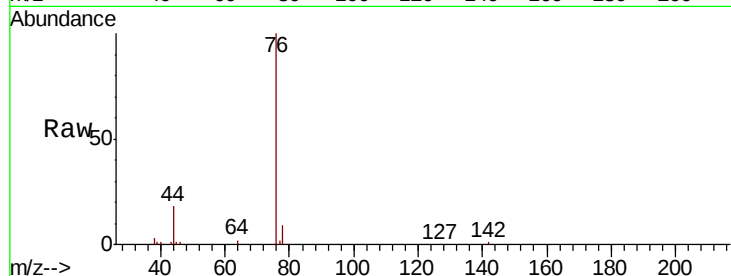




#17
Carbon Disulfide
Concen: 18.920 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

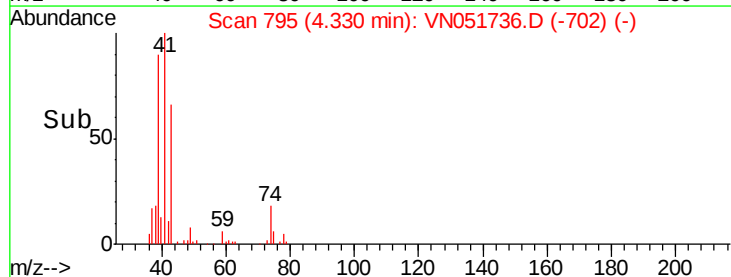
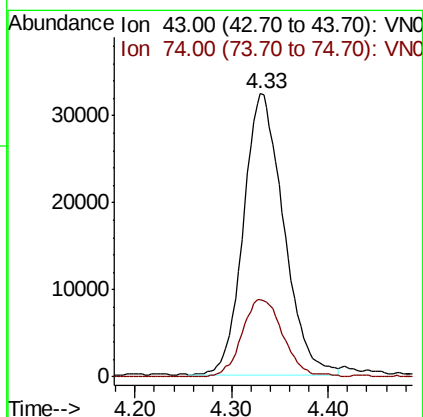
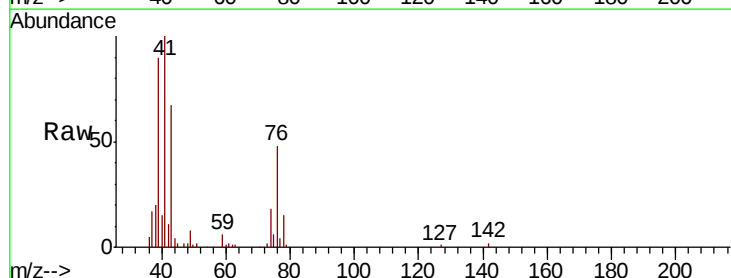
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

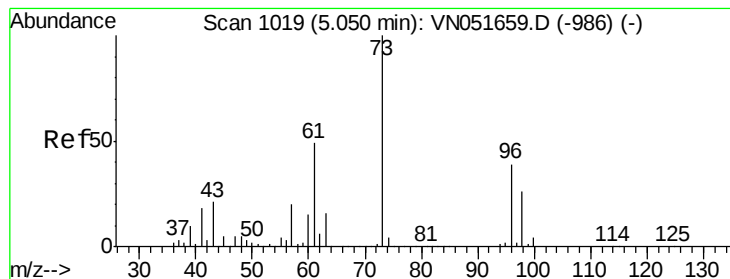
Tot Ion: 76 Resp: 300446
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 22.740 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion: 43 Resp: 93018
Ion Ratio Lower Upper
43 100
74 28.0 21.5 32.3



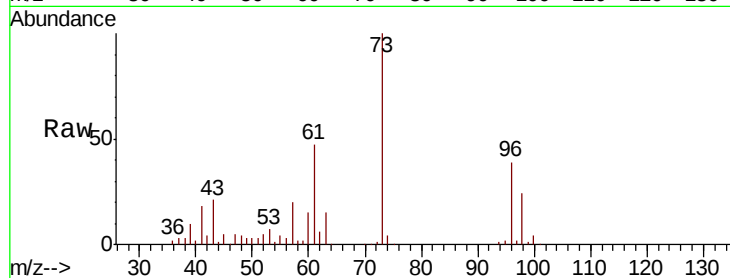


#19

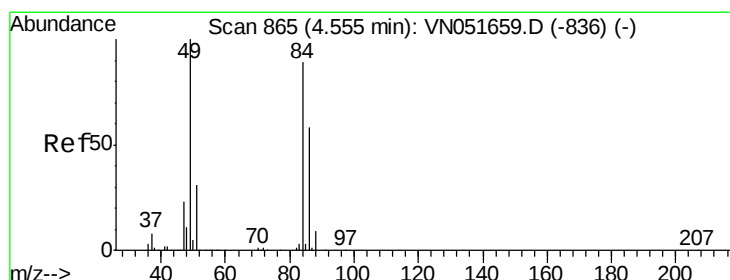
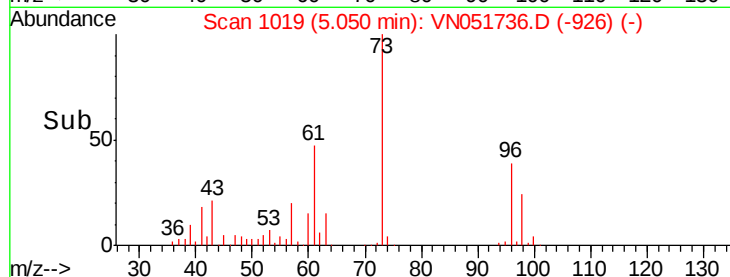
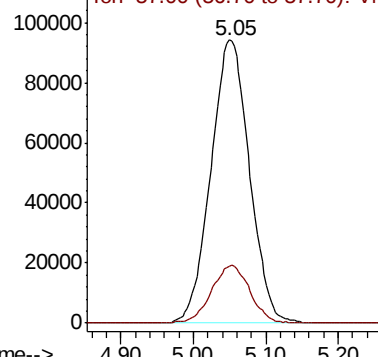
Methyl tert-butyl Ether
 Concen: 20.215 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1008WBSD01

Tot Ion: 73 Resp: 348587
 Ion Ratio Lower Upper
 73 100
 57 20.0 15.6 23.4



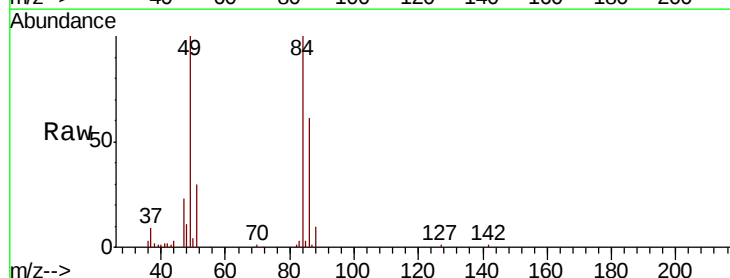
Abundance Ion 73.00 (72.70 to 73.70): VN051659.D (-986) (-)
 Ion 57.00 (56.70 to 57.70): VN051659.D (-986) (-)



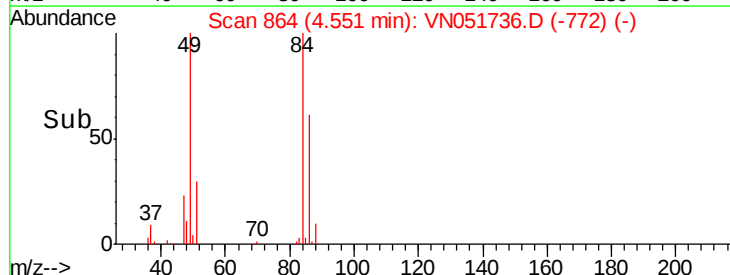
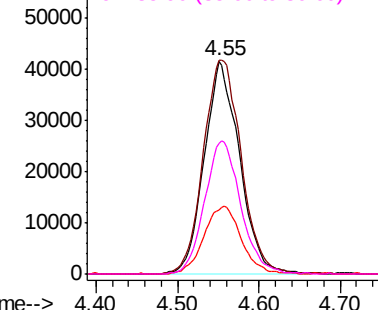
#20

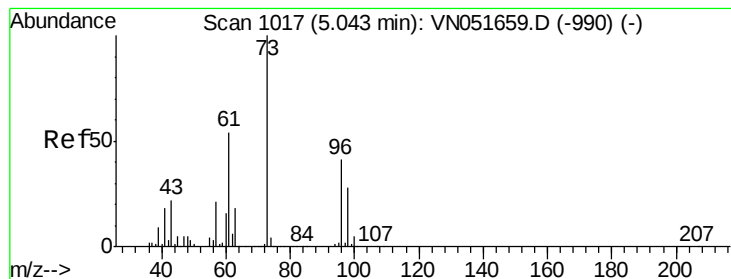
Methylene Chloride
 Concen: 20.493 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Tgt Ion: 84 Resp: 124949
 Ion Ratio Lower Upper
 84 100
 49 100.5 89.5 134.3
 51 30.1 27.4 41.0
 86 61.5 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VN051659.D (-836) (-)
 Ion 48.90 (48.60 to 49.60): VN051659.D (-836) (-)
 Ion 50.90 (50.60 to 51.60): VN051659.D (-836) (-)
 Ion 85.90 (85.60 to 86.60): VN051659.D (-836) (-)





#21

trans-1,2-Dichloroethene

Concen: 19.537 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

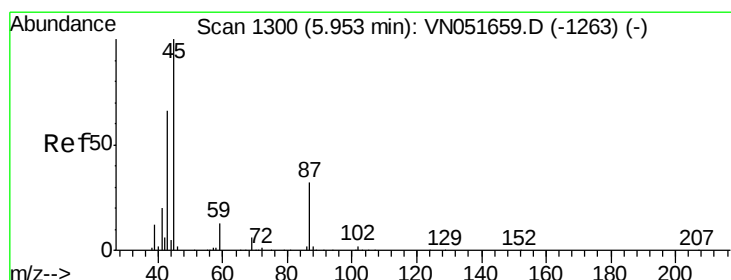
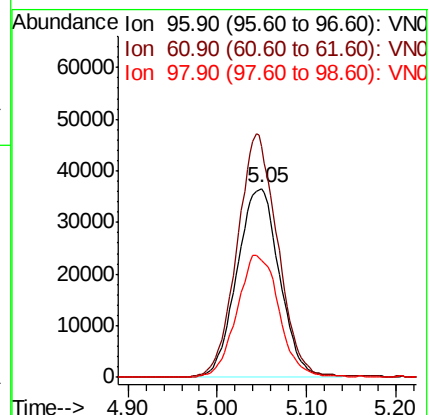
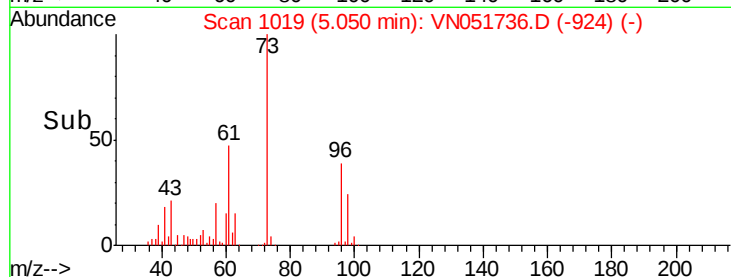
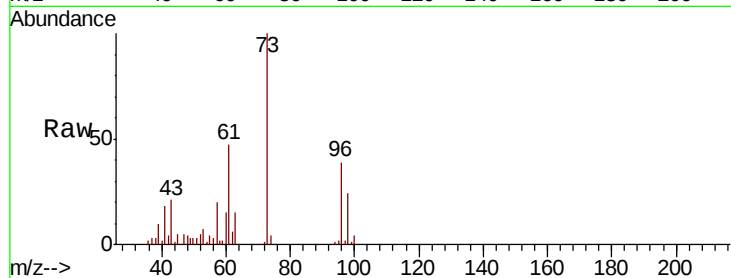
Tot Ion: 96 Resp: 120948

Ion Ratio Lower Upper

96 100

61 121.4 104.7 157.1

98 62.1 54.6 82.0



#22

Diisopropyl ether

Concen: 19.736 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Tgt Ion: 45 Resp: 337100

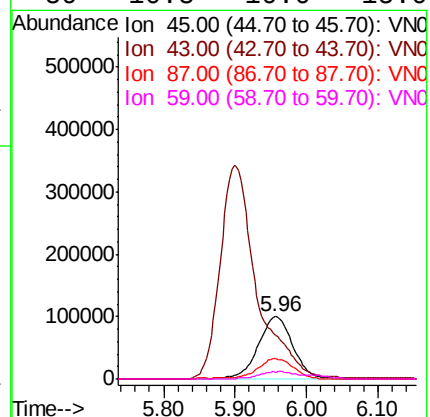
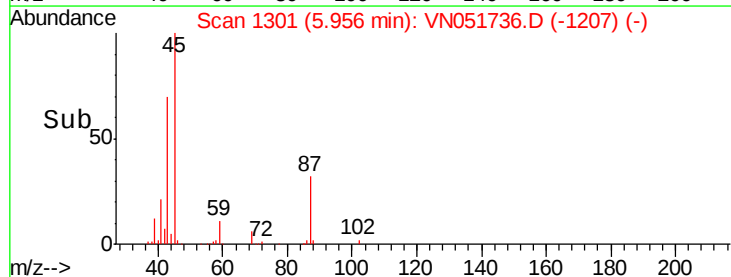
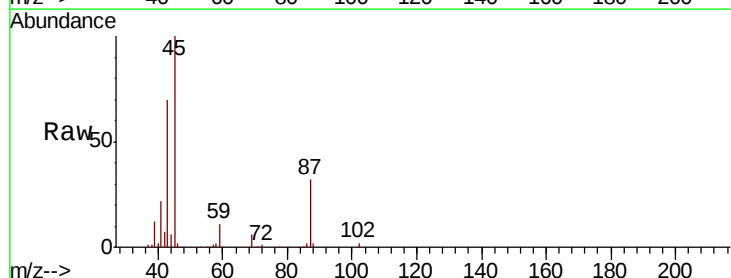
Ion Ratio Lower Upper

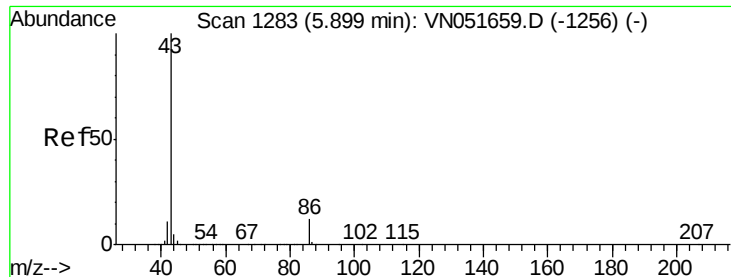
45 100

43 68.4 53.0 79.4

87 31.6 26.4 39.6

59 10.8 10.0 15.0





#23

Vinyl Acetate

Concen: 97.708 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

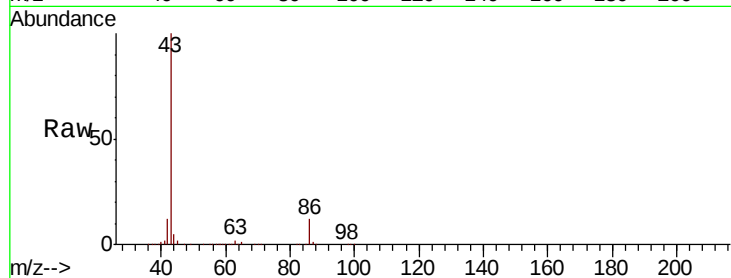
VN1008WBSD01

Tot Ion: 43 Resp: 1227091

Ion Ratio Lower Upper

43 100

86 12.1 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

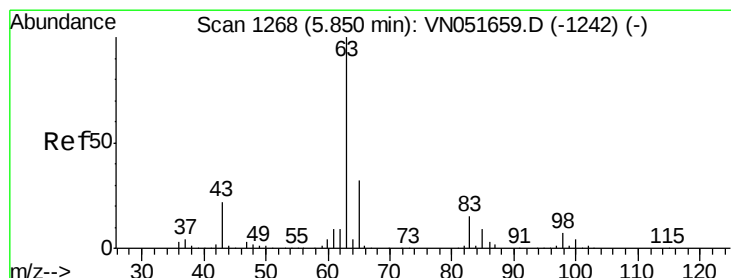
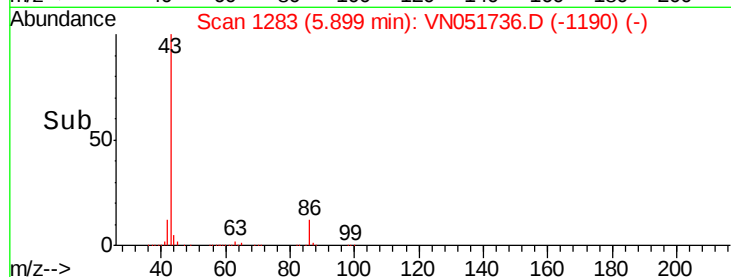
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.698 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

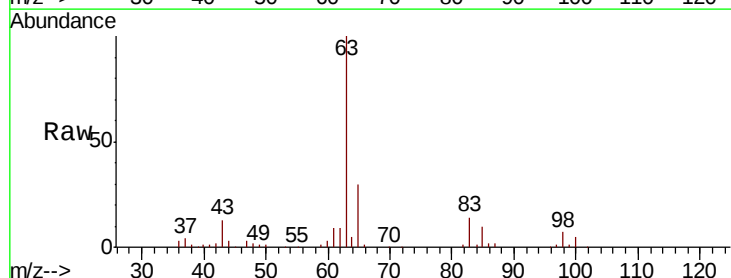
Tgt Ion: 63 Resp: 216375

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 4.8 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.85

80000

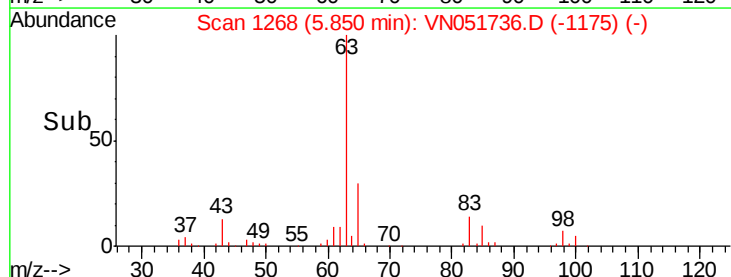
60000

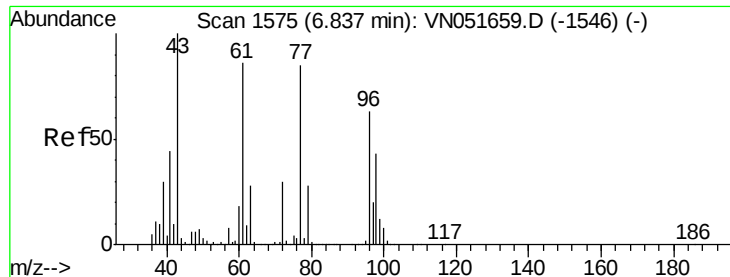
40000

20000

0

Time-->

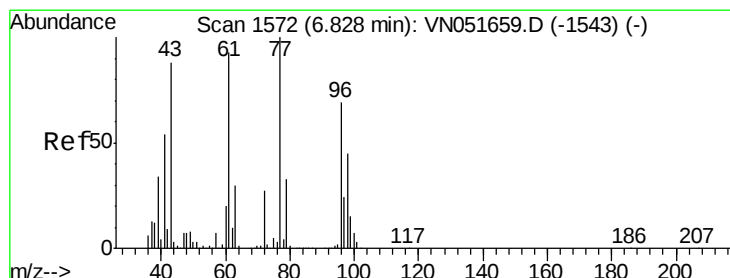
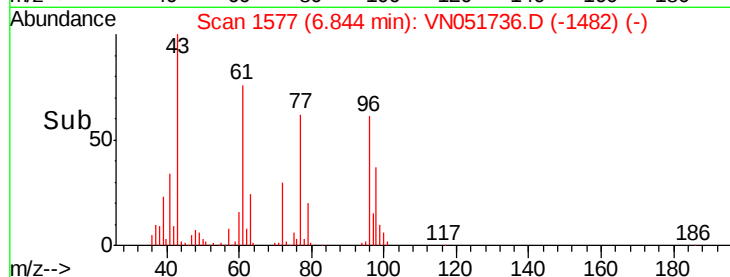
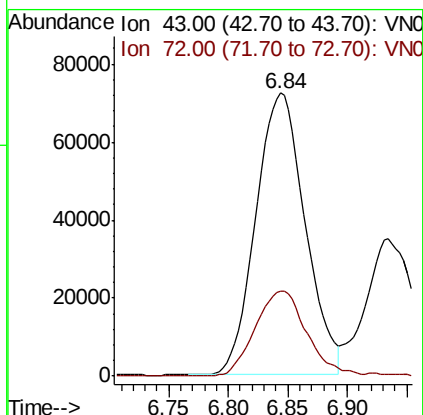
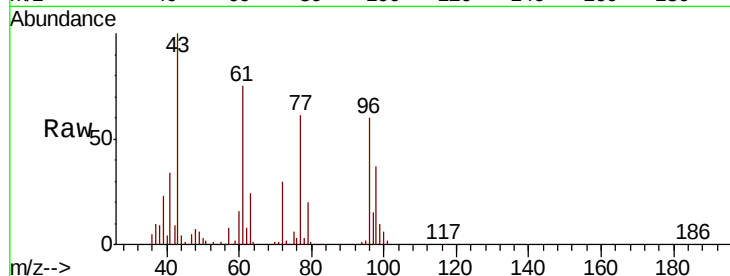




#25
2-Butanone
Concen: 97.059 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

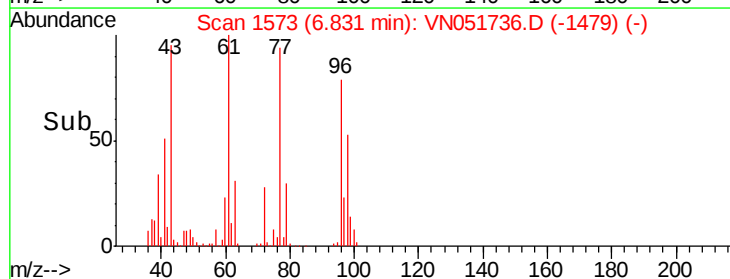
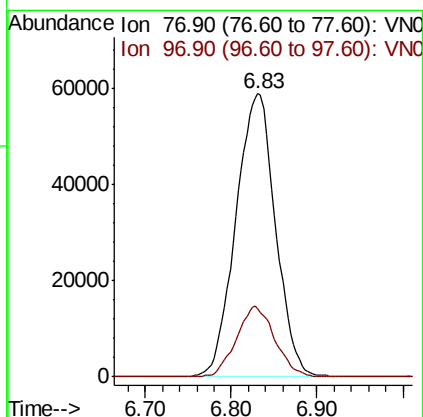
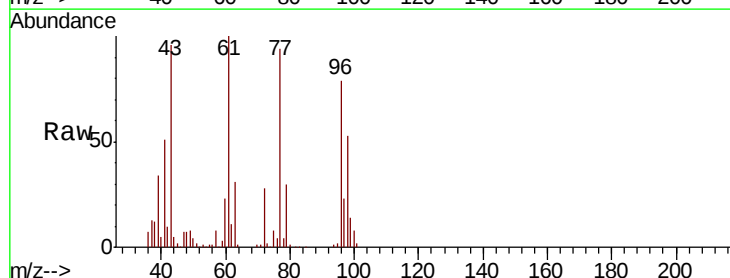
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

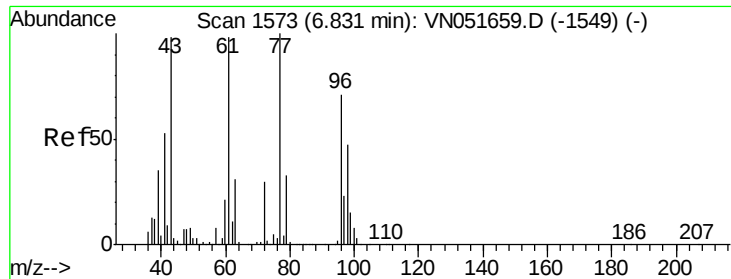
Tot Ion: 43 Resp: 207703
Ion Ratio Lower Upper
43 100
72 30.2 24.2 36.2



#26
2,2-Dichloropropane
Concen: 17.093 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion: 77 Resp: 188159
Ion Ratio Lower Upper
77 100
97 24.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.463 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

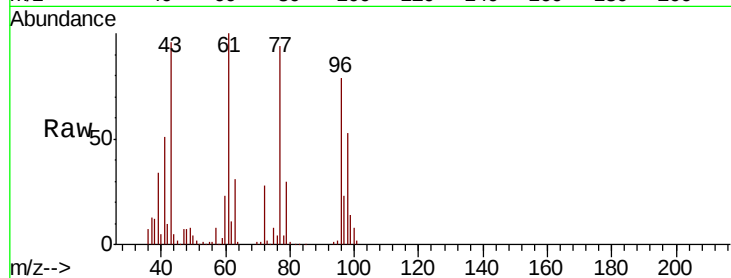
Tot Ion: 96 Resp: 147064

Ion Ratio Lower Upper

96 100

61 127.3 0.0 275.4

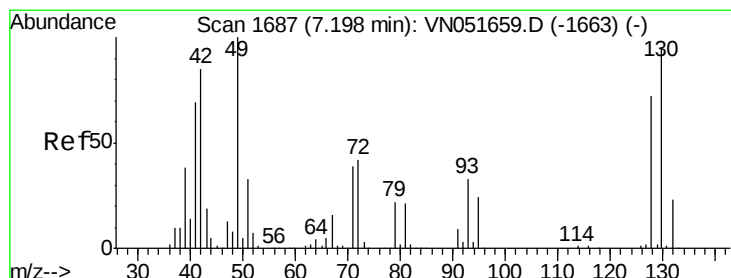
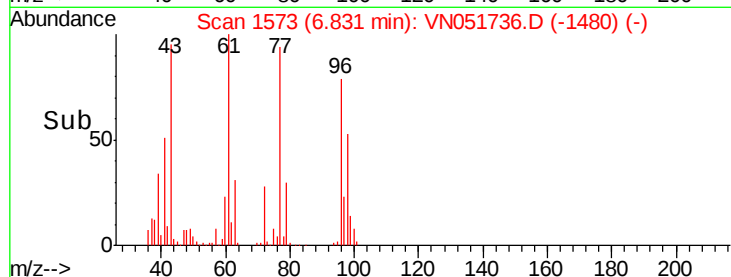
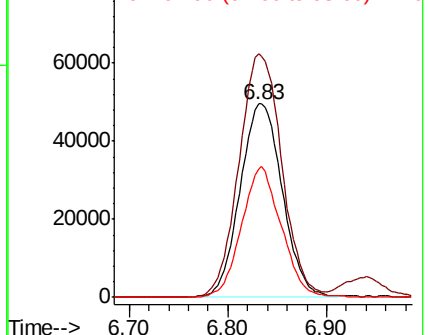
98 63.6 0.0 129.6



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: 19.184 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

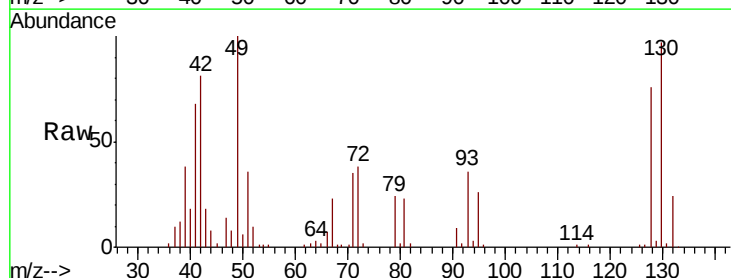
Tgt Ion: 49 Resp: 93297

Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.8

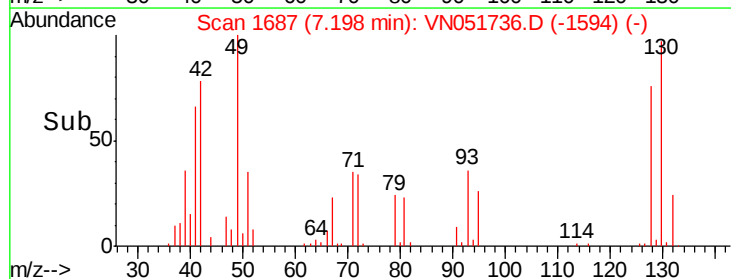
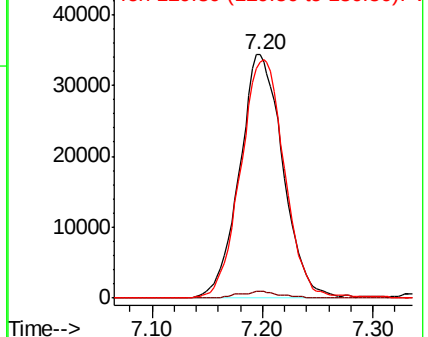
130 98.7 75.7 113.5



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) (-)

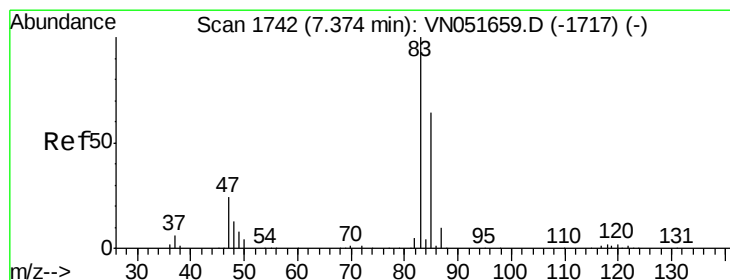
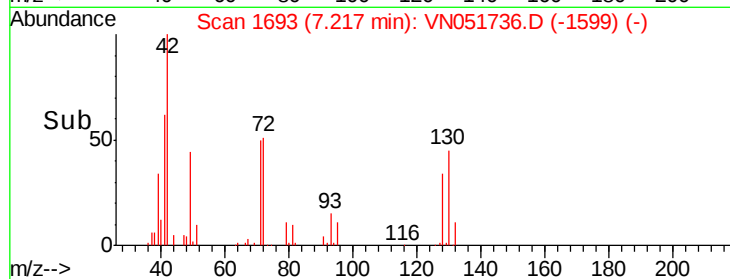
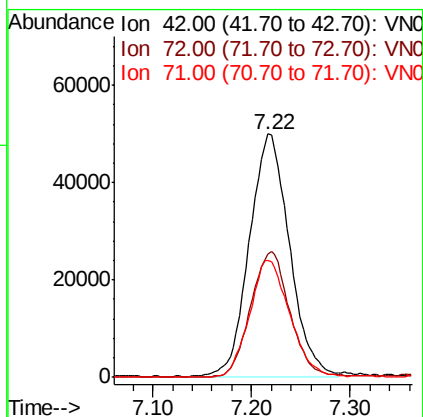
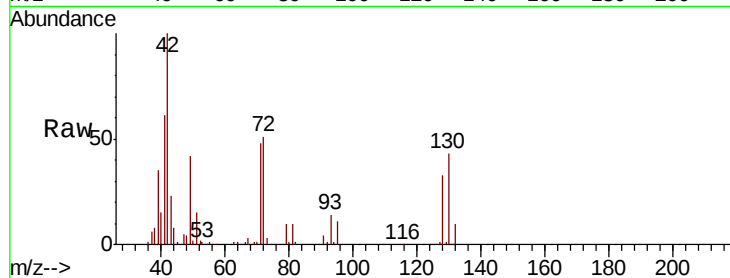




#29
Tetrahydrofuran
Concen: 105.989 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

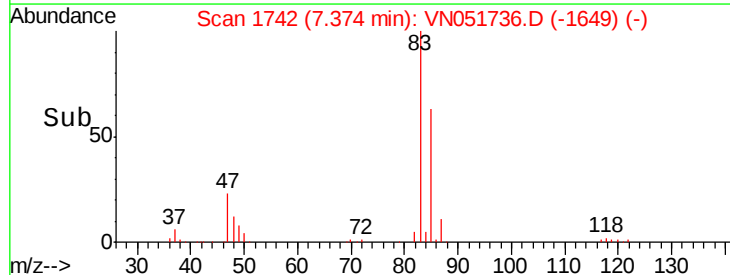
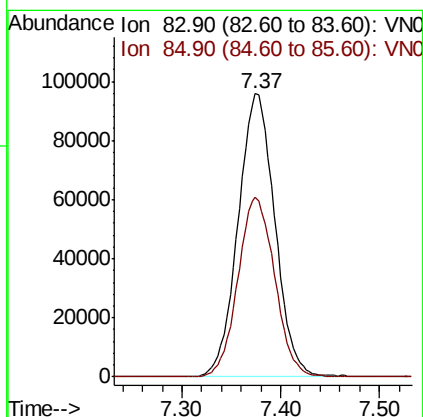
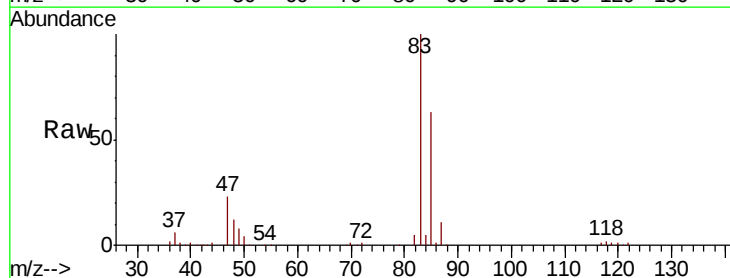
Instrument :
MSVOA_N
ClientSampled :
VN1008WBSD01

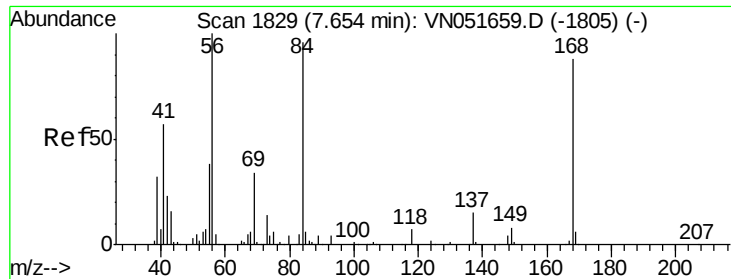
Tot Ion: 42 Resp: 139188
Ion Ratio Lower Upper
42 100
72 51.0 40.1 60.1
71 48.8 38.0 57.0



#30
Chloroform
Concen: 20.063 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion: 83 Resp: 247615
Ion Ratio Lower Upper
83 100
85 63.3 51.6 77.4

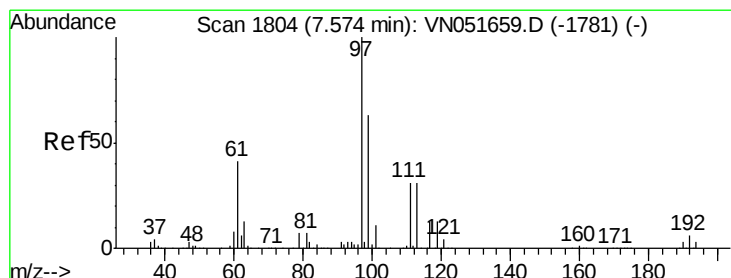
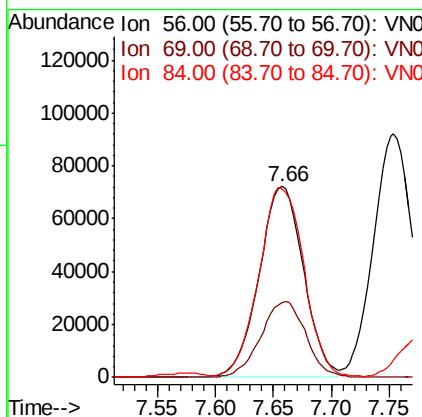
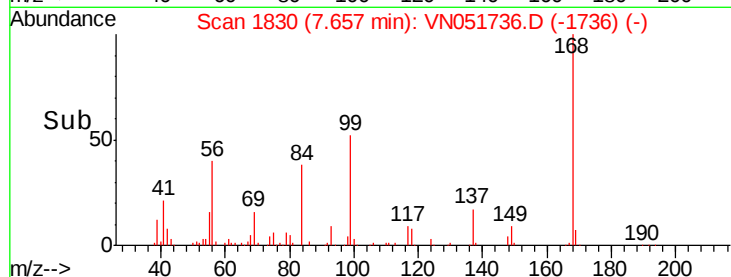
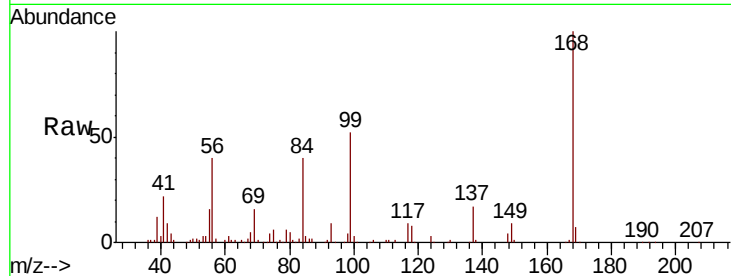




#31
Cyclohexane
Concen: 19.176 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

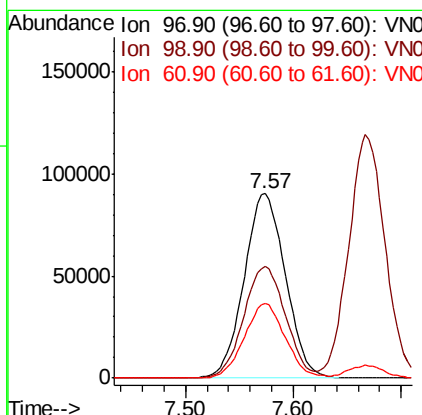
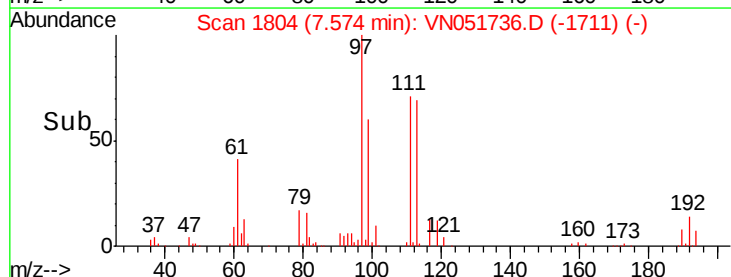
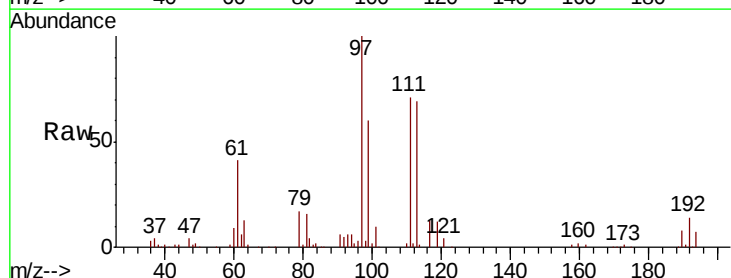
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

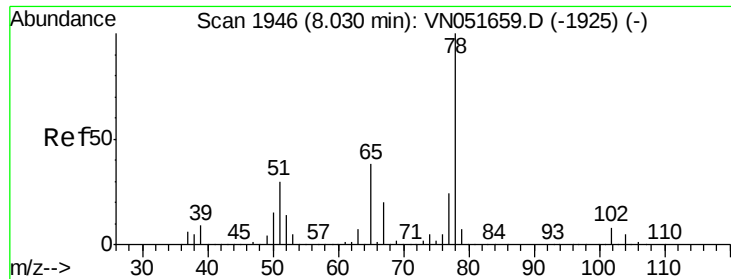
Tot Ion: 56 Resp: 192912
Ion Ratio Lower Upper
56 100
69 39.3 27.5 41.3
84 96.6 76.7 115.1



#32
1,1,1-Trichloroethane
Concen: 20.097 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion: 97 Resp: 240415
Ion Ratio Lower Upper
97 100
99 61.1 51.9 77.9
61 40.1 33.4 50.0





#33

1,2-Dichloroethane-d4

Concen: 20.097 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

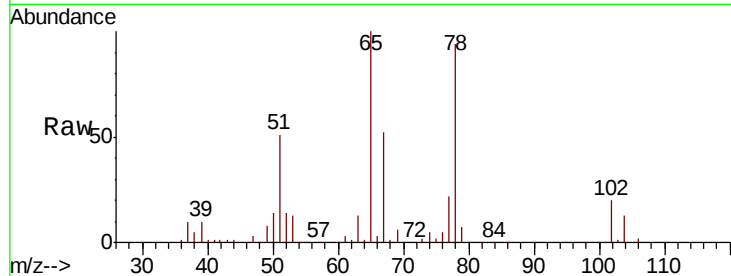
VN1008WBSD01

Tot Ion: 65 Resp: 368589

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051736.D (-1853) (-)

Ion 66.90 (66.60 to 67.60): VN051736.D (-1853) (-)

8.03

150000

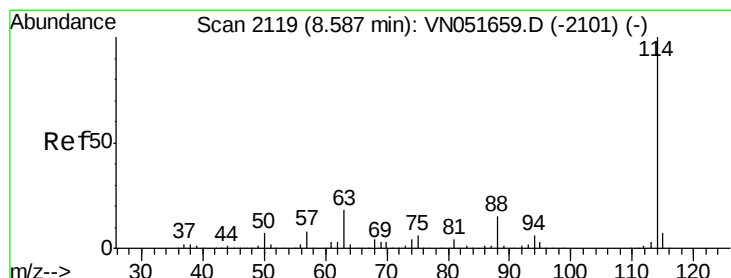
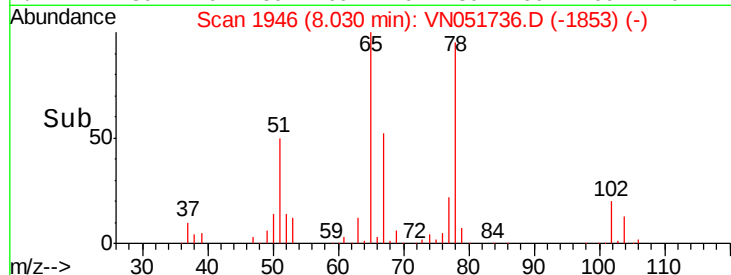
100000

50000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

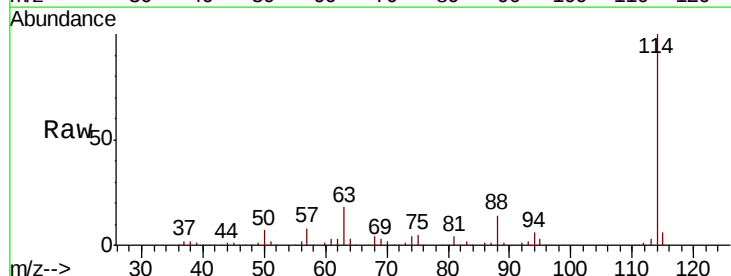
Tgt Ion: 114 Resp: 852162

Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.2

88 14.2 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): VN051736.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN051736.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN051736.D (-2026) (-)

8.59

500000

400000

300000

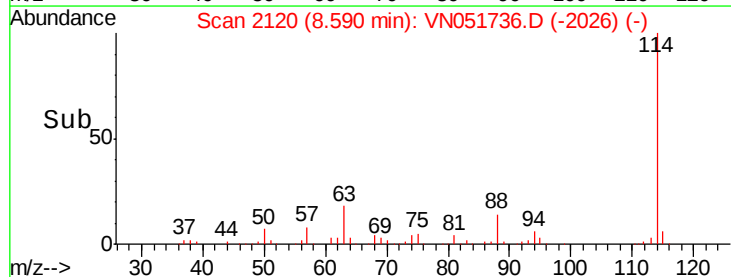
200000

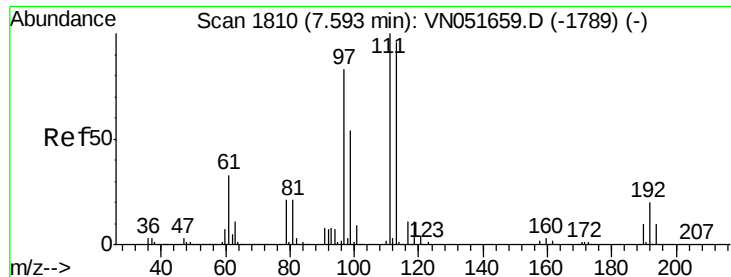
100000

0

8.50 8.60 8.70

Time-->

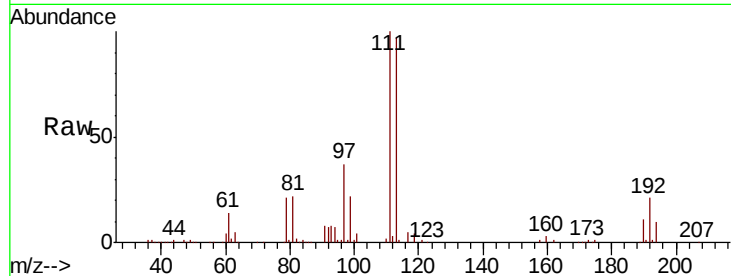




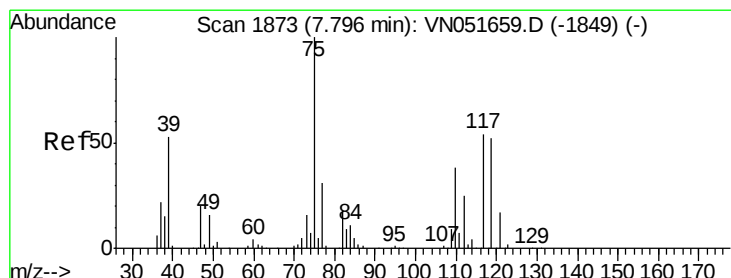
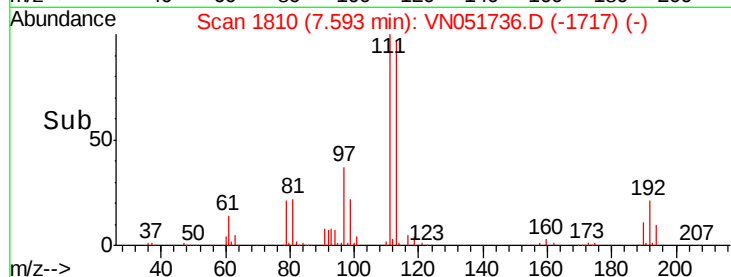
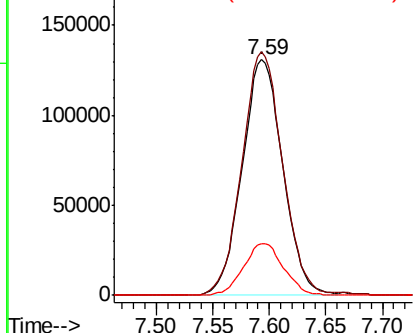
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.8	122.8
192	21.6	16.5	24.7

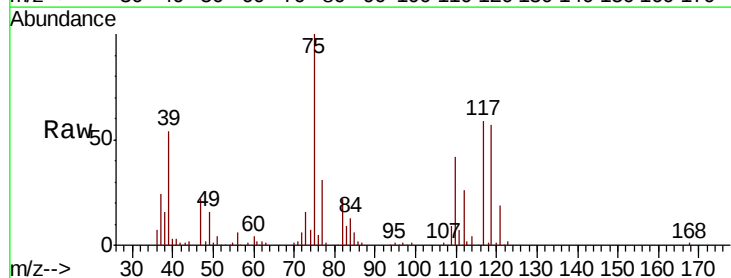


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

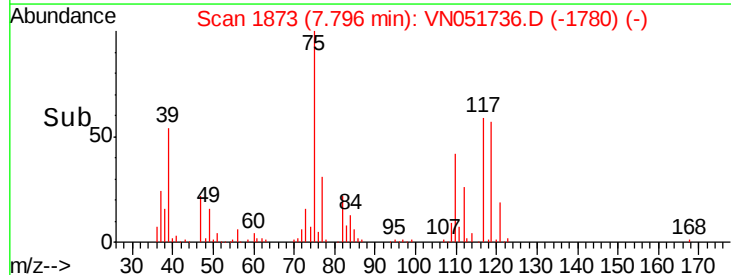
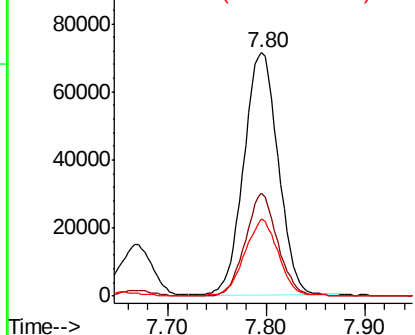


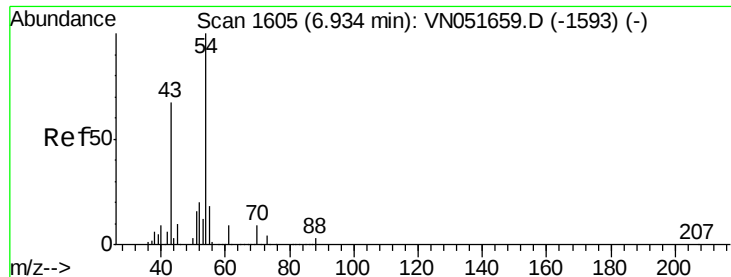
#36
1,1-Dichloropropene
Concen: 19.358 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.6	19.3	57.8
77	30.8	24.7	37.1



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

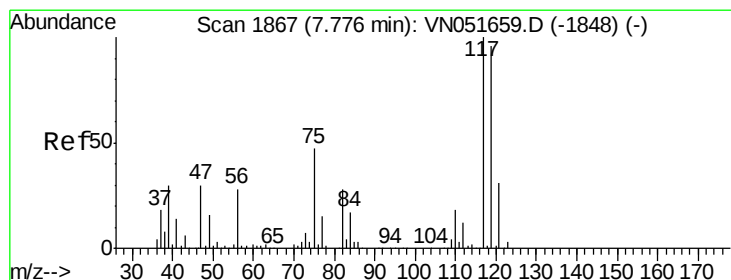
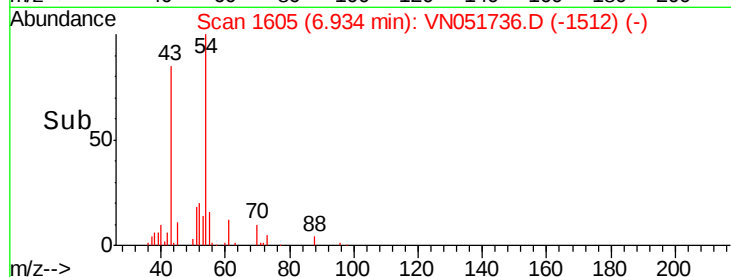
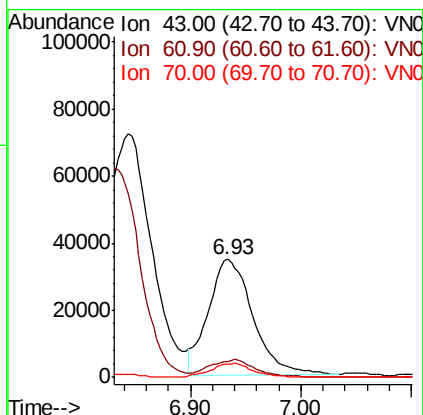
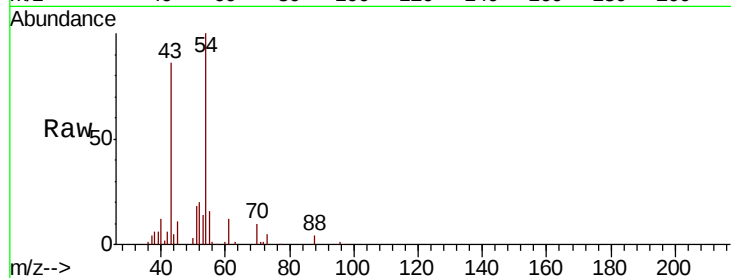




#37
Ethyl Acetate
Concen: 20.709 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

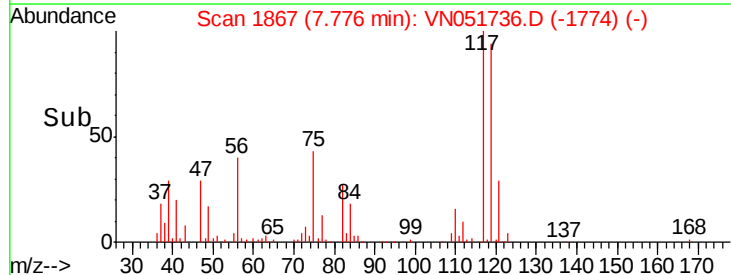
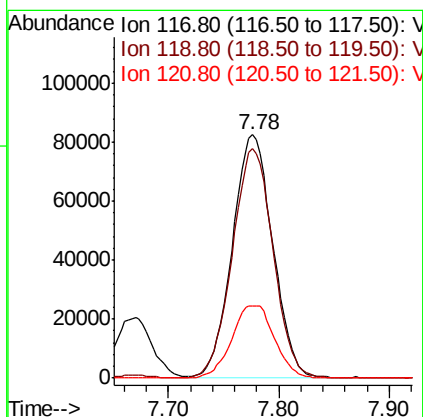
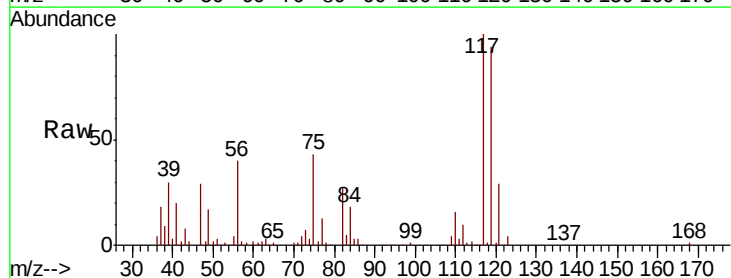
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

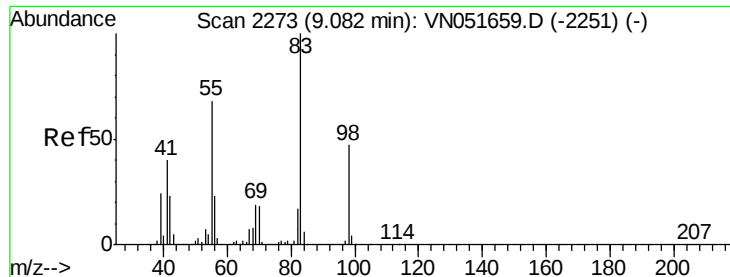
Tot Ion: 43 Resp: 96206
Ion Ratio Lower Upper
43 100
61 16.1 11.8 17.6
70 11.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.535 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion: 117 Resp: 208796
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.6
121 29.5 25.0 37.6

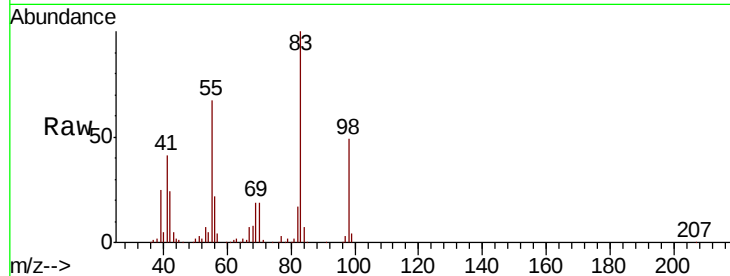




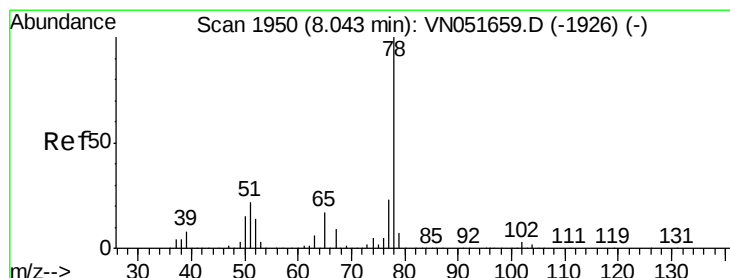
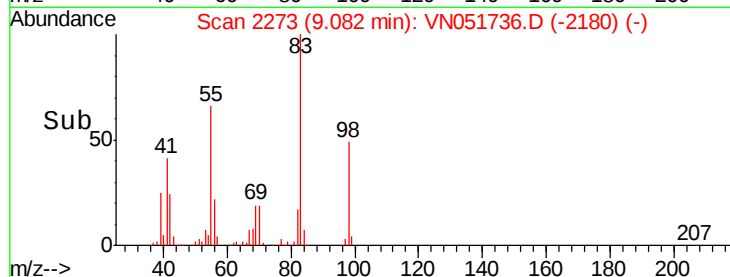
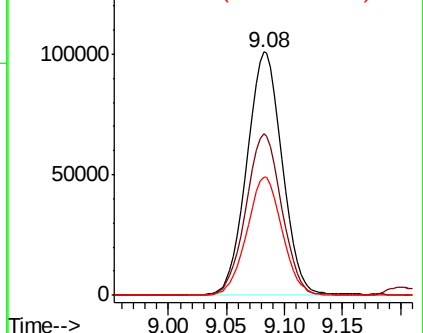
#39
Methvlcvclohexane
Concen: 19.239 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tot Ion: 83 Resp: 215106
Ion Ratio Lower Upper
83 100
55 66.4 54.3 81.5
98 48.6 37.4 56.2

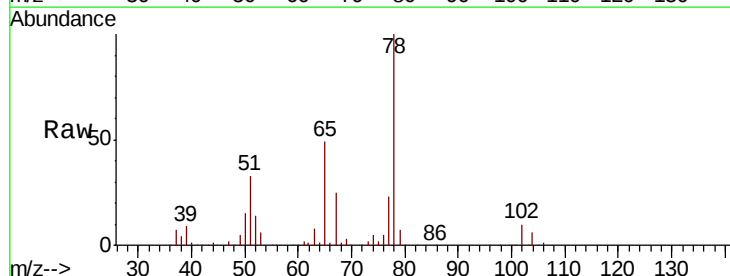


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

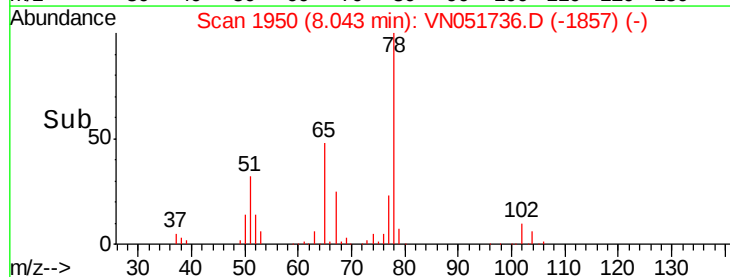
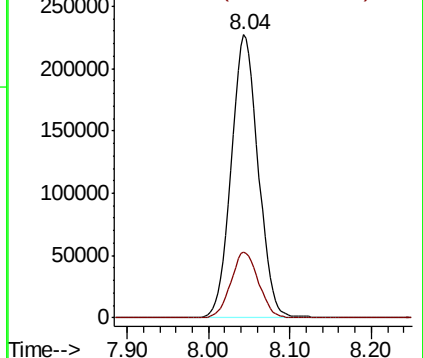


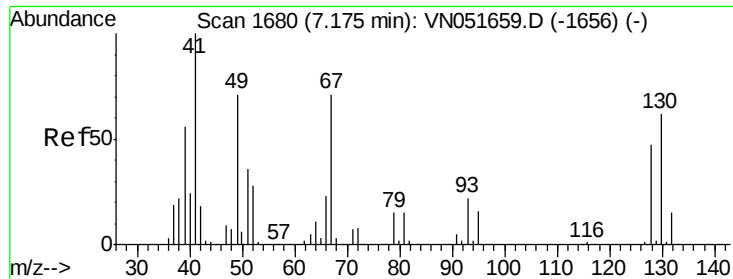
#40
Benzene
Concen: 19.886 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion: 78 Resp: 525105
Ion Ratio Lower Upper
78 100
77 23.1 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 19.051 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

Tot Ion: 41 Resp: 46043

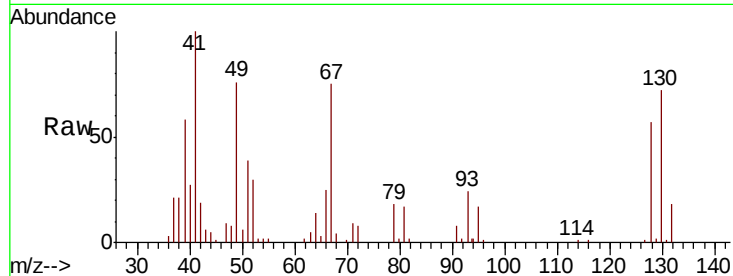
Ion Ratio Lower Upper

41 100

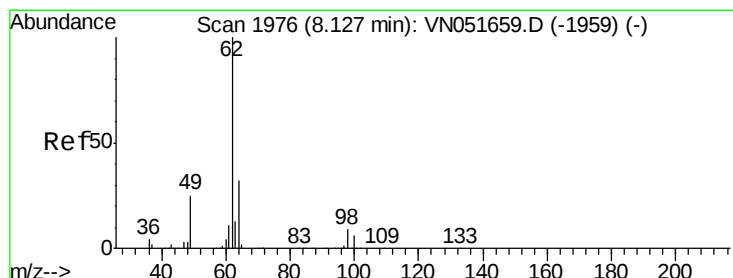
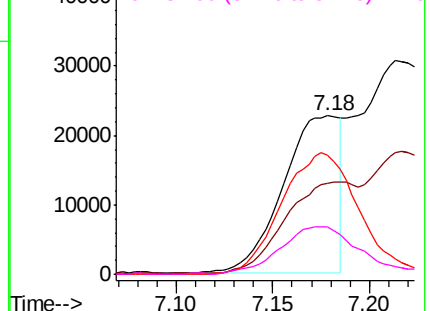
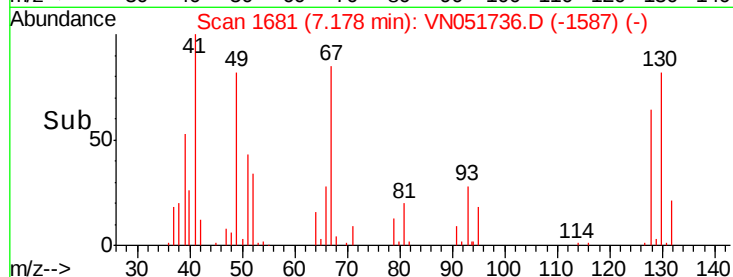
39 74.8 53.9 80.9

67 106.9 78.1 117.1

52 43.3 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: 20.439 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN051736.D

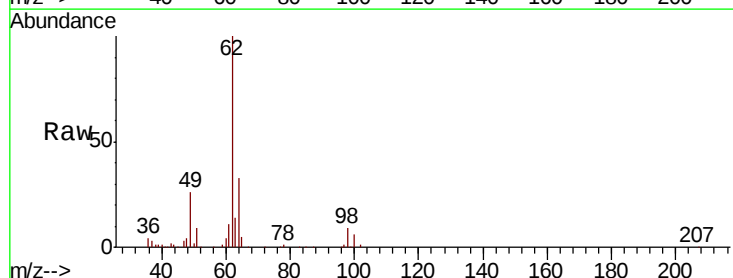
Acq: 8 Oct 2018 15:24

Tgt Ion: 62 Resp: 181881

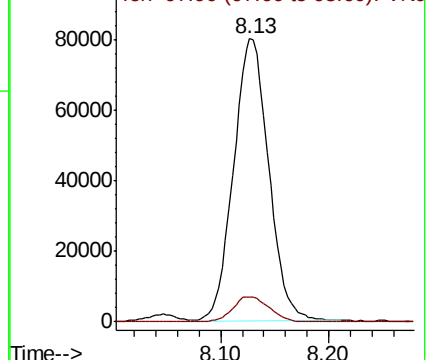
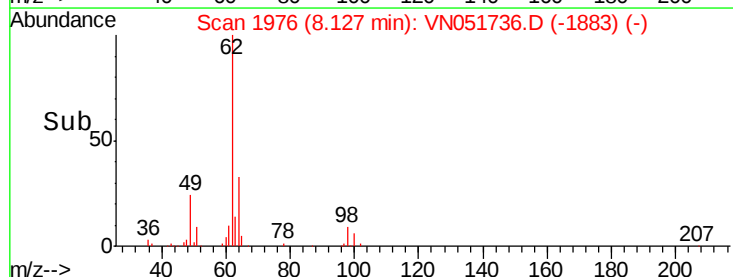
Ion Ratio Lower Upper

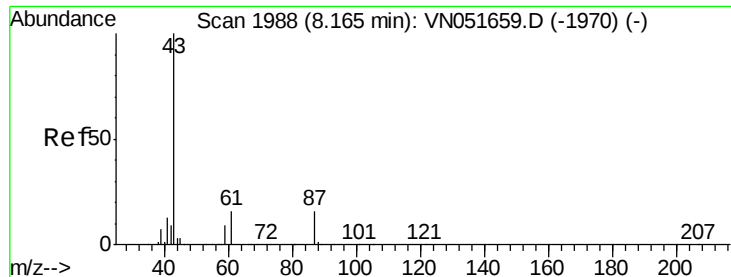
62 100

98 9.3 0.0 18.4



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



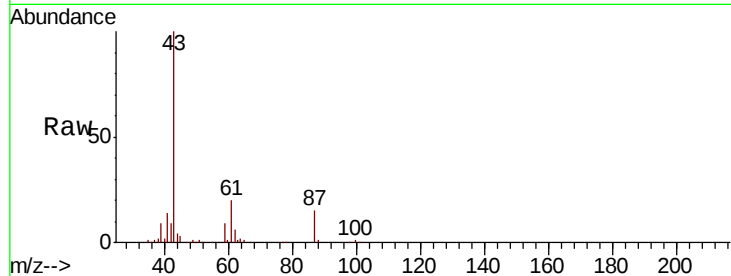


#43

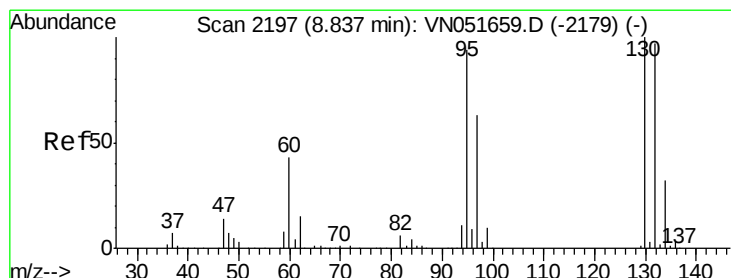
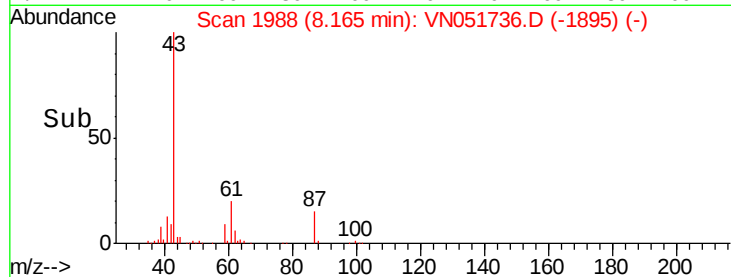
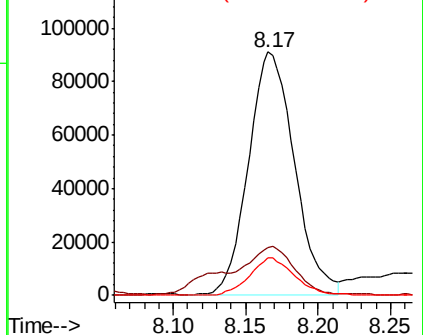
Isopropyl Acetate
 Concen: 20.693 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

Tot Ion: 43 Resp: 200421
 Ion Ratio Lower Upper
 43 100
 61 28.3 15.8 23.6#
 87 15.2 12.6 19.0



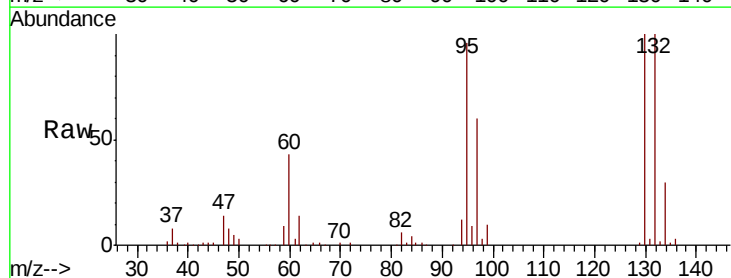
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



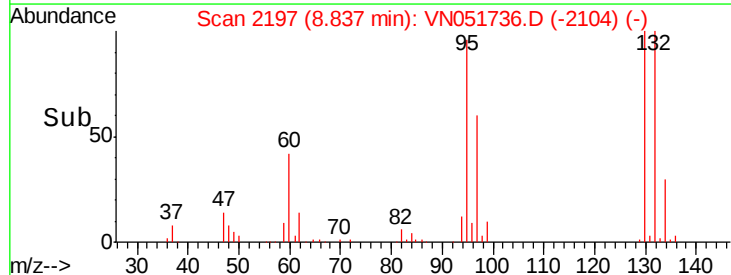
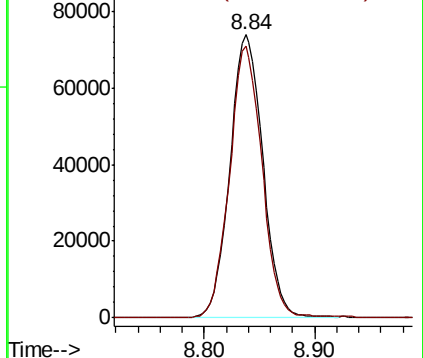
#44

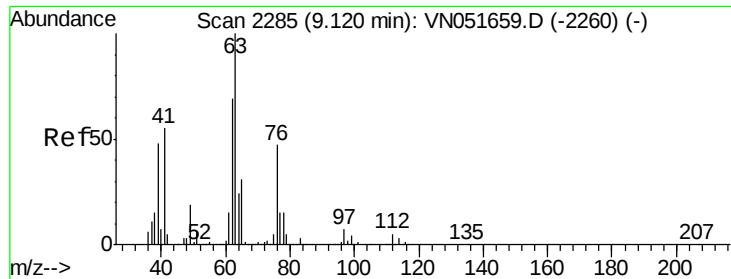
Trichloroethene
 Concen: 20.444 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Tgt Ion:130 Resp: 153282
 Ion Ratio Lower Upper
 130 100
 95 96.1 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 19.840 ug/l

RT: 9.12 min Scan# 2286

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

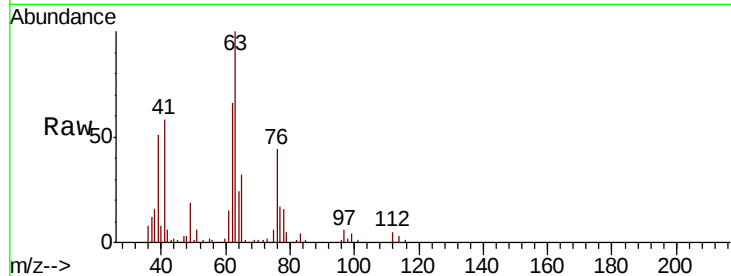
VN1008WBSD01

Tot Ion: 63 Resp: 129522

Ion Ratio Lower Upper

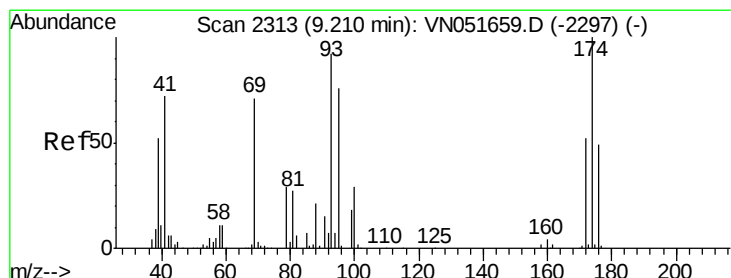
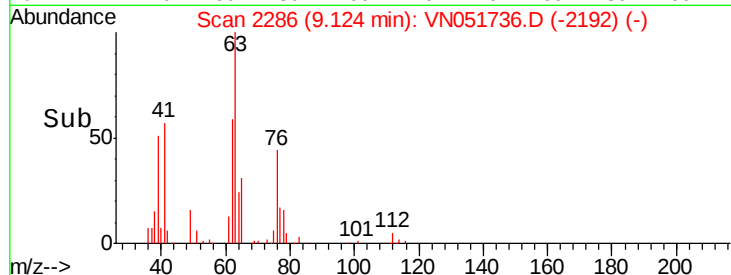
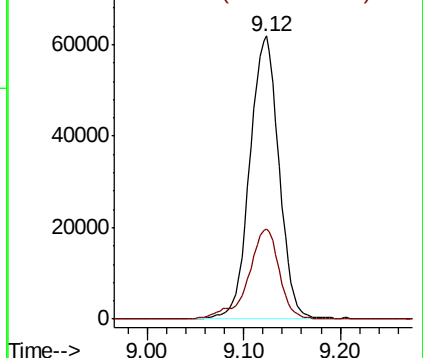
63 100

65 31.9 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: 20.392 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

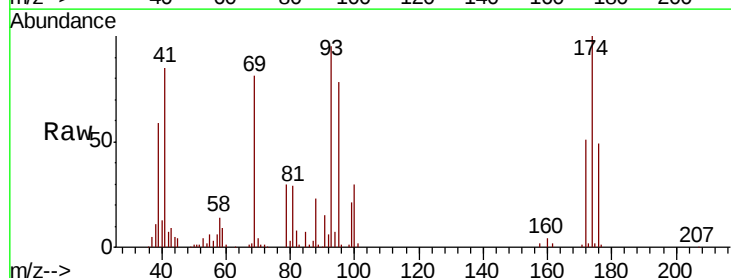
Tgt Ion: 93 Resp: 92536

Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

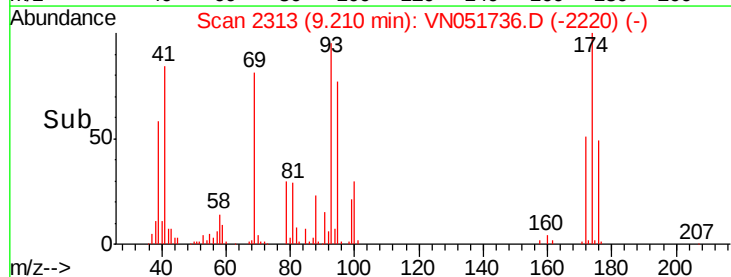
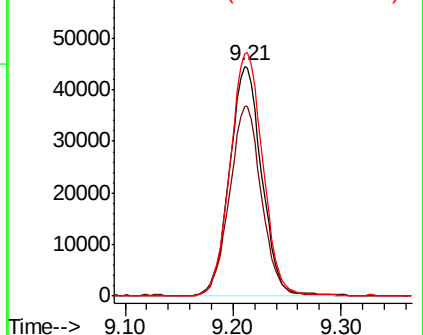
174 107.8 85.9 128.9

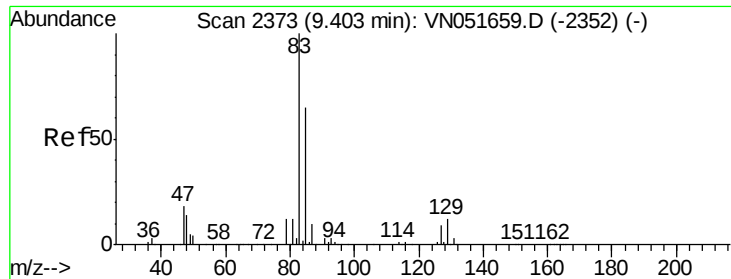


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

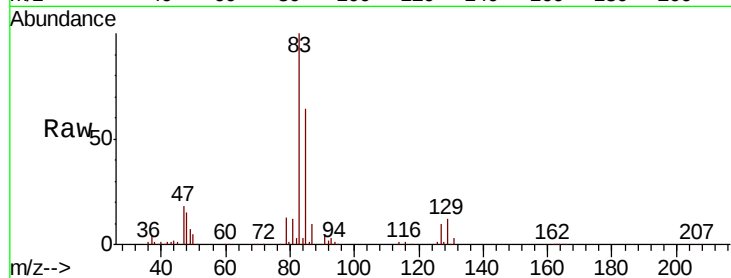




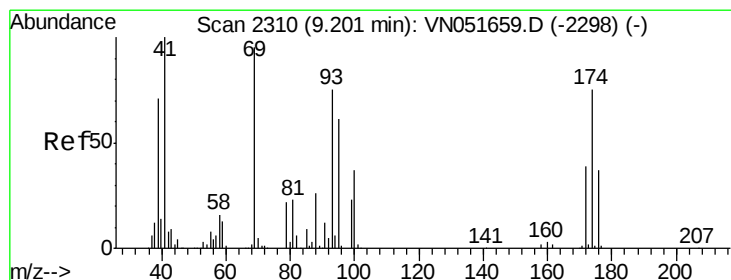
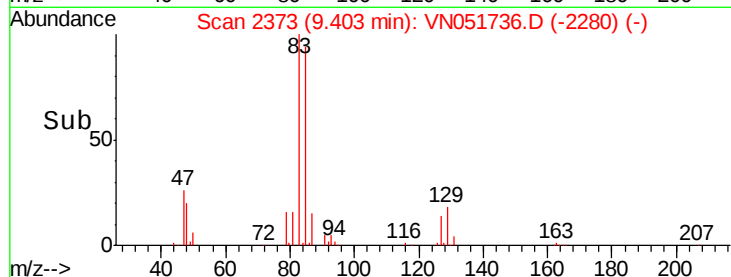
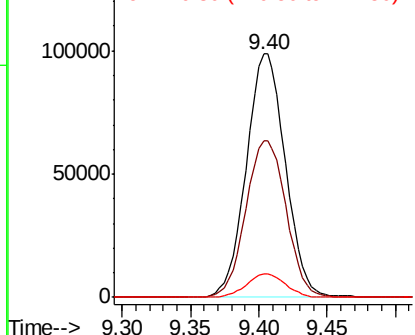
#47
Bromodichloromethane
Concen: 19.610 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tot Ion: 83 Resp: 195887
Ion Ratio Lower Upper
83 100
85 64.3 51.6 77.4
127 9.5 7.3 10.9

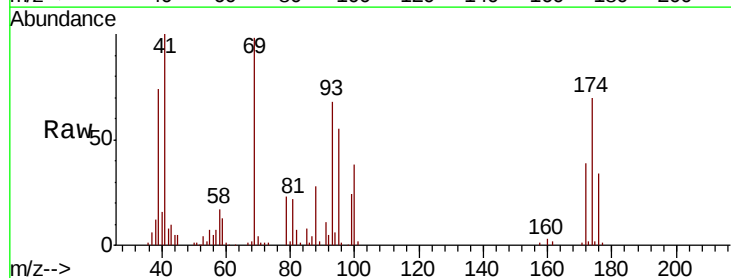


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): V

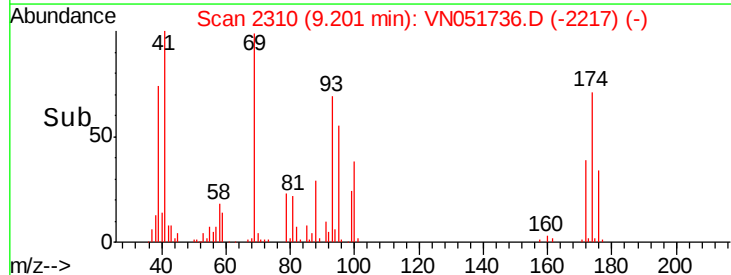
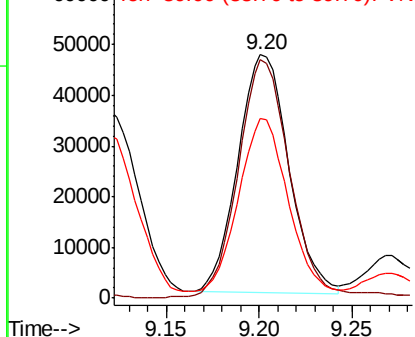


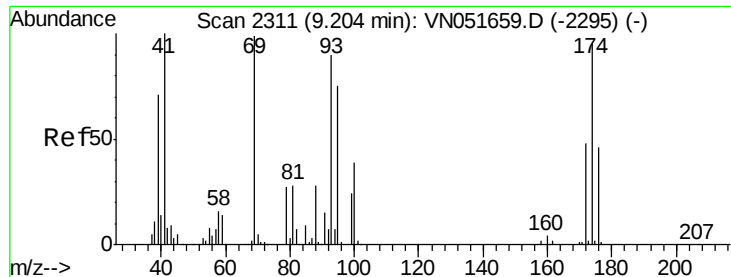
#48
Methyl methacrylate
Concen: 20.391 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion: 41 Resp: 90247
Ion Ratio Lower Upper
41 100
69 102.6 78.6 118.0
39 74.8 59.2 88.8



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





#49

1,4-Dioxane

Concen: 410.634 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

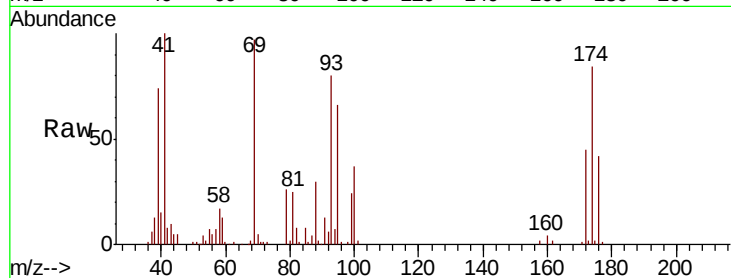
Tot Ion: 88 Resp: 27251

Ion Ratio Lower Upper

88 100

43 29.2 24.5 36.7

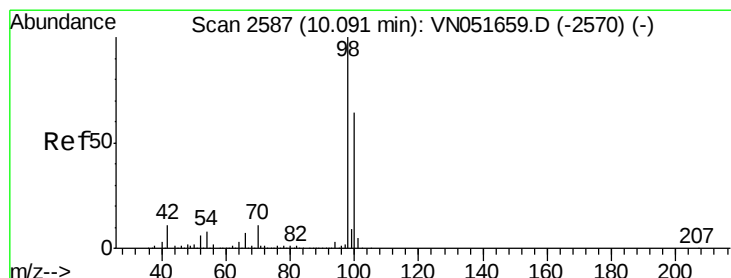
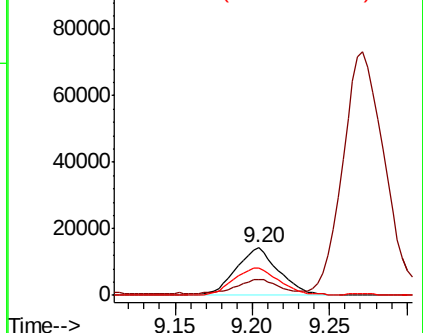
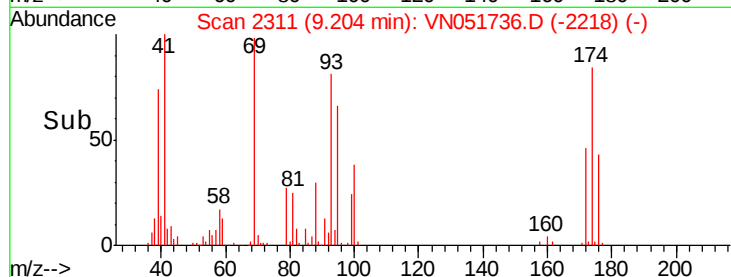
58 62.1 47.6 71.4



Abundance Ion 88.00 (87.70 to 88.70): VN051736.D (-2218) (-)

Ion 43.00 (42.70 to 43.70): VN051736.D (-2218) (-)

Ion 58.00 (57.70 to 58.70): VN051736.D (-2218) (-)



#50

Toluene-d8

Concen: 410.634 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051736.D

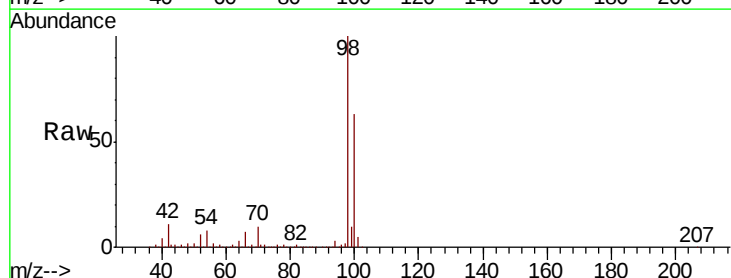
Acq: 8 Oct 2018 15:24

Tgt Ion: 98 Resp: 1225757

Ion Ratio Lower Upper

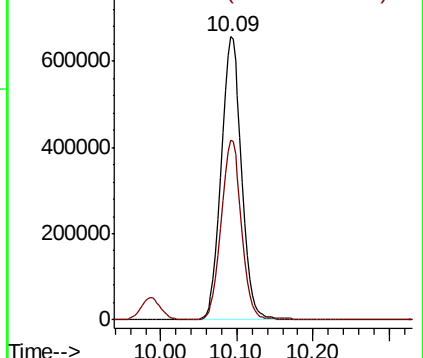
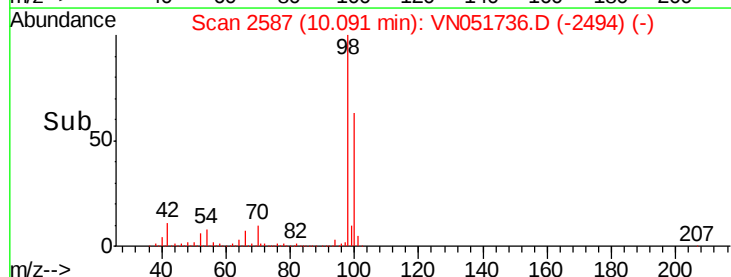
98 100

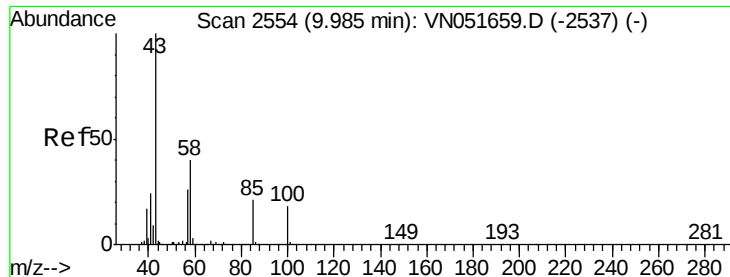
100 63.2 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051736.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051736.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 106.852 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

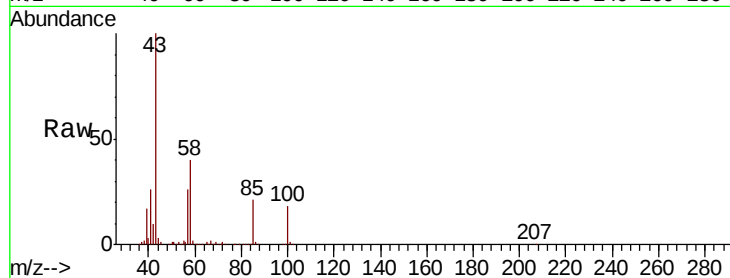
VN1008WBSD01

Tot Ion: 43 Resp: 524425

Ion Ratio Lower Upper

43 100

58 39.4 32.2 48.2



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

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

9.99

300000

250000

200000

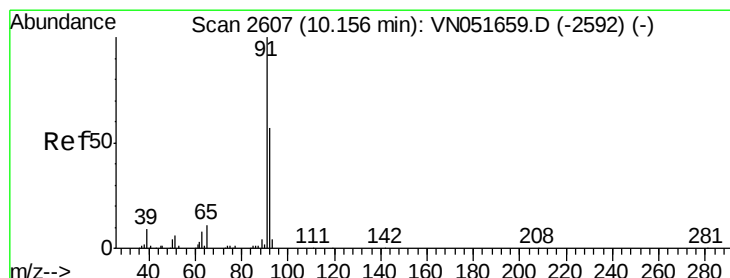
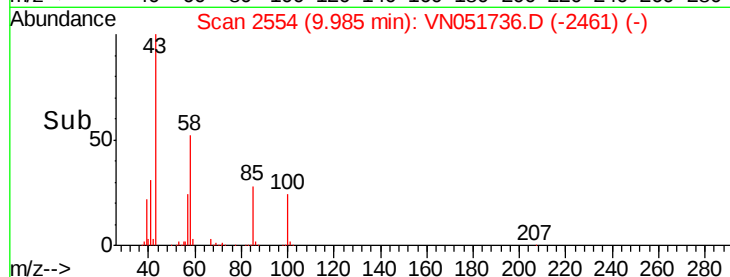
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.732 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN051736.D

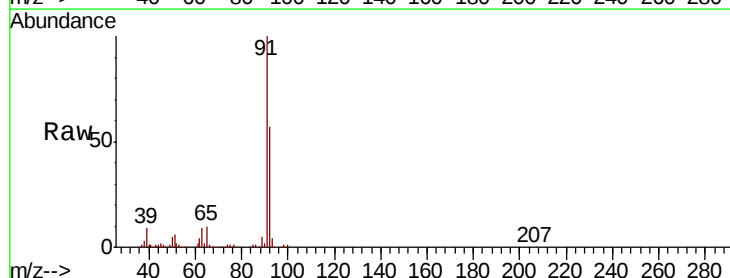
Acq: 8 Oct 2018 15:24

Tgt Ion: 92 Resp: 346539

Ion Ratio Lower Upper

92 100

91 177.4 140.3 210.5



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

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

10.16

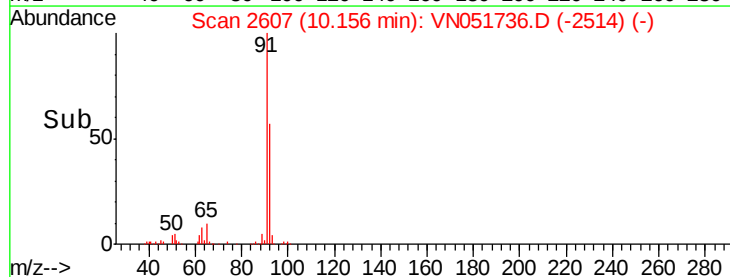
300000

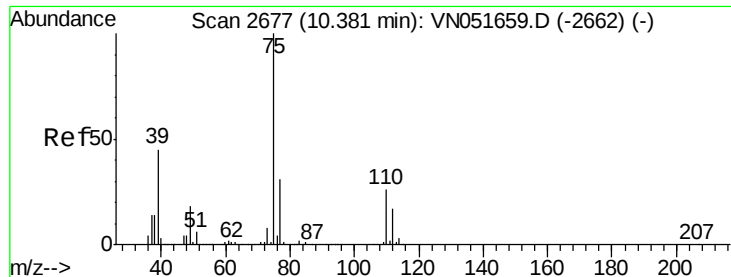
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.446 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampled :

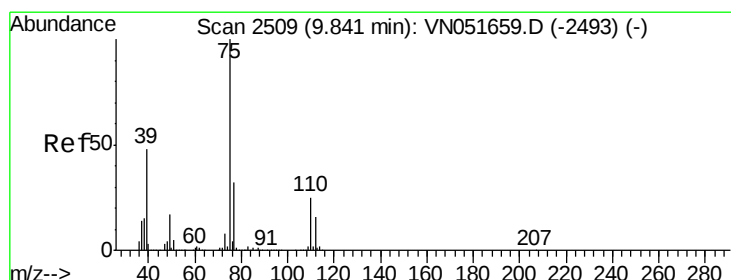
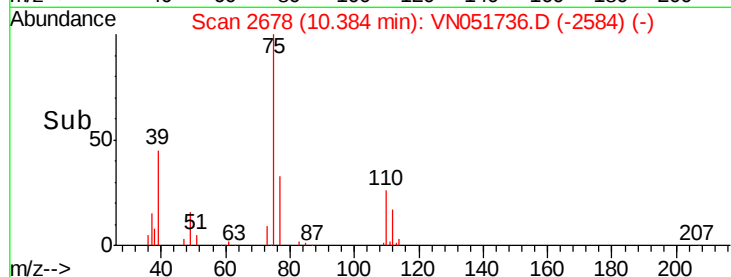
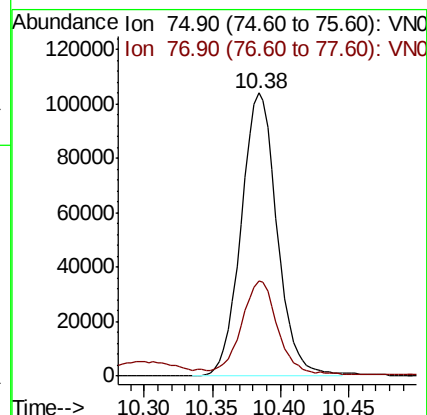
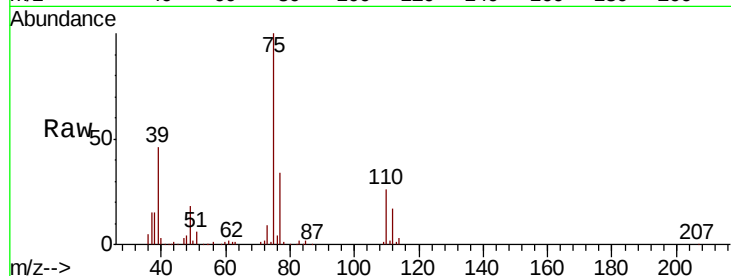
VN1008WBSD01

Tot Ion: 75 Resp: 190137

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.408 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

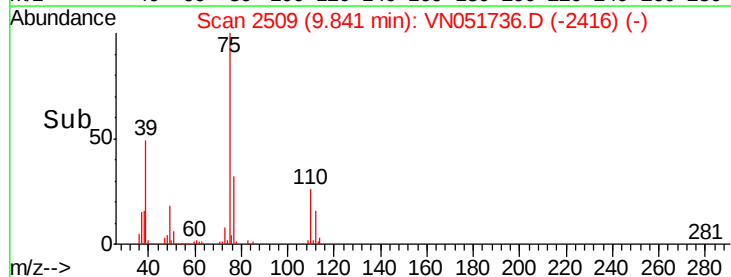
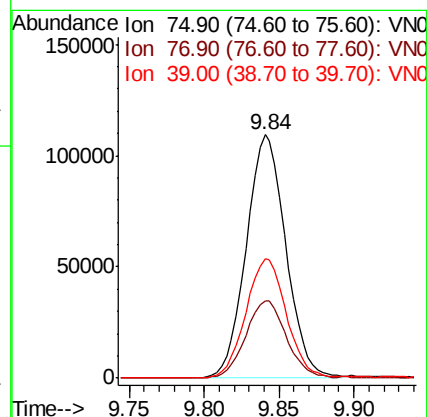
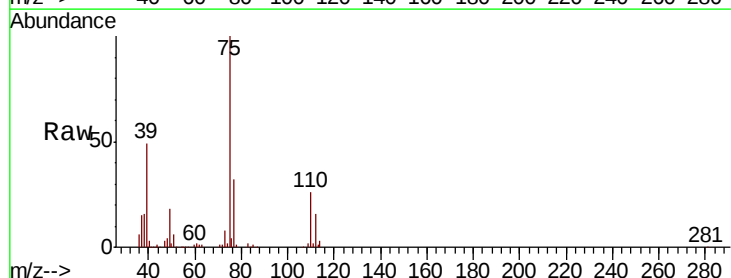
Tgt Ion: 75 Resp: 201487

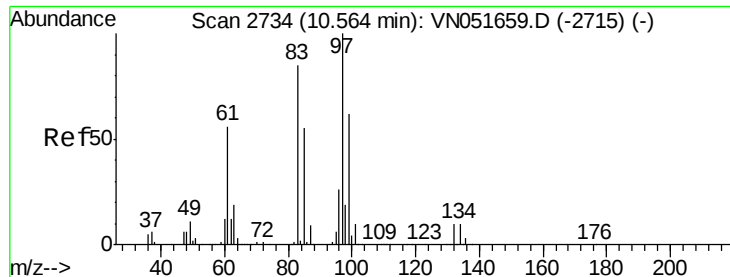
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 48.6 38.1 57.1

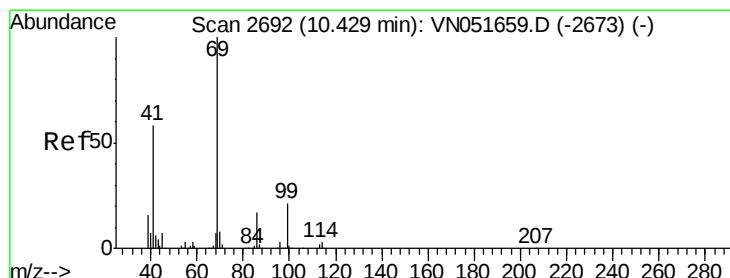
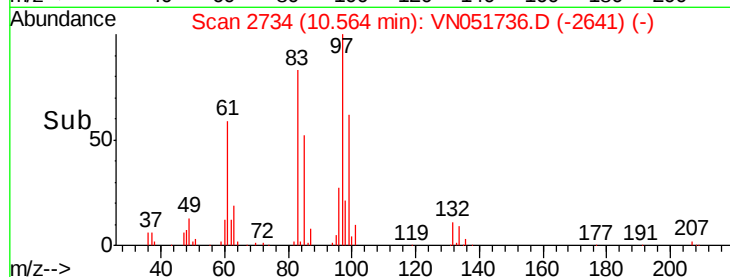
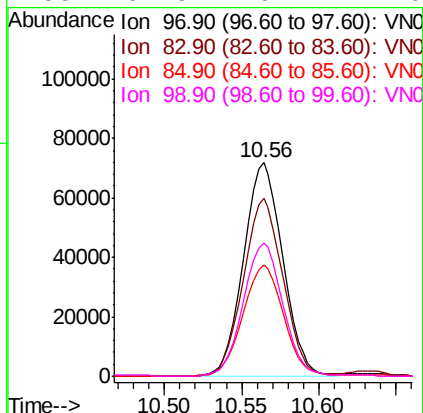
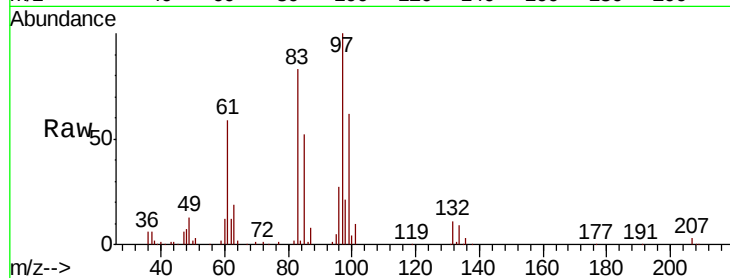




#55
 1,1,2-Trichloroethane
 Concen: 20.373 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

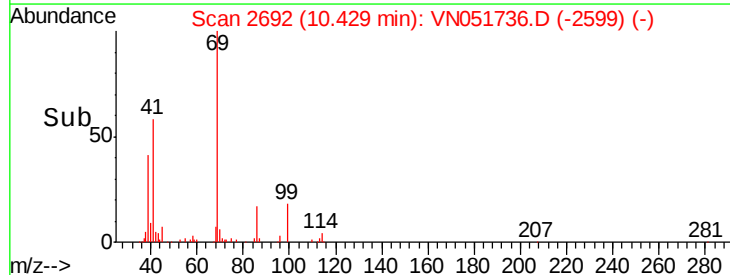
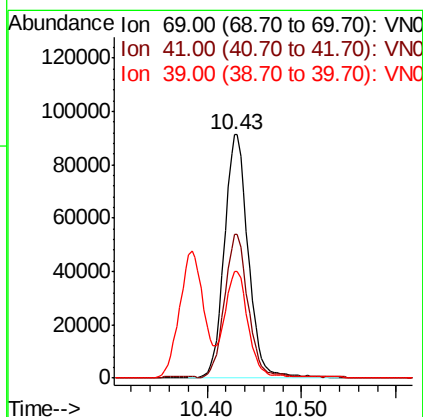
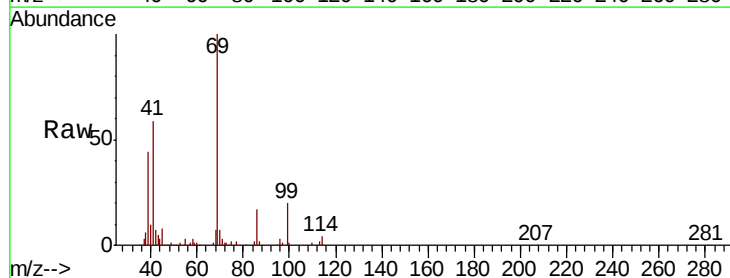
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

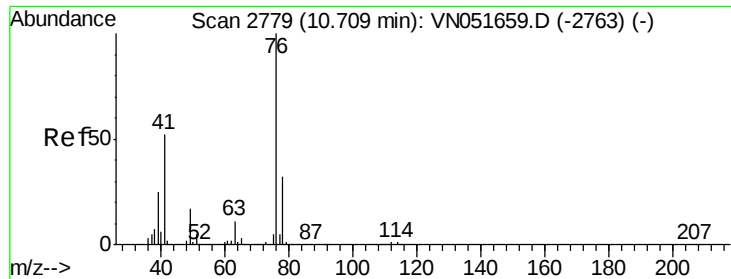
Tot Ion	97	Resp	127457
Ion Ratio	Lower	Upper	
97	100		
83	83.1	68.1	102.1
85	52.2	43.6	65.4
99	61.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 20.301 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Tgt Ion	69	Resp	160614
Ion Ratio	Lower	Upper	
69	100		
41	57.6	46.4	69.6
39	41.0	32.4	48.6

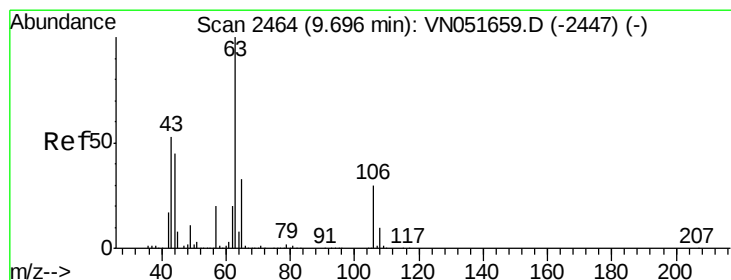
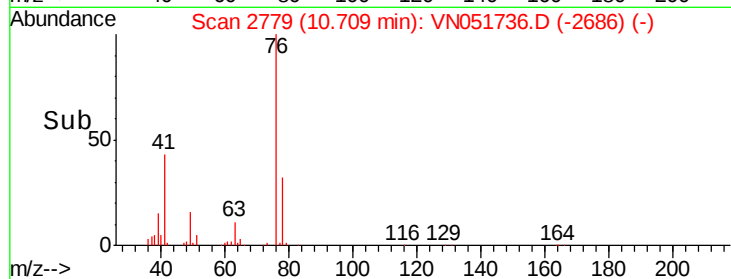
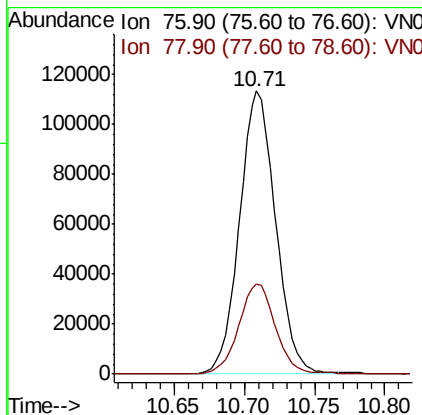
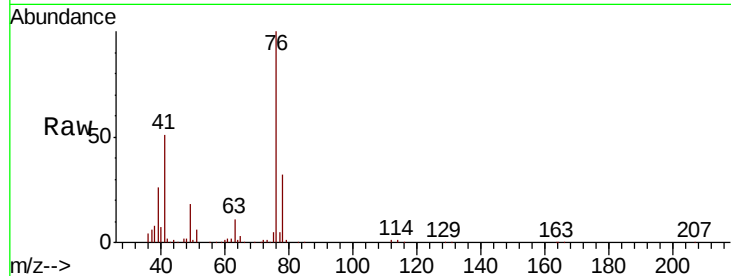




#57
 1,3-Dichloropropane
 Concen: 20.532 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

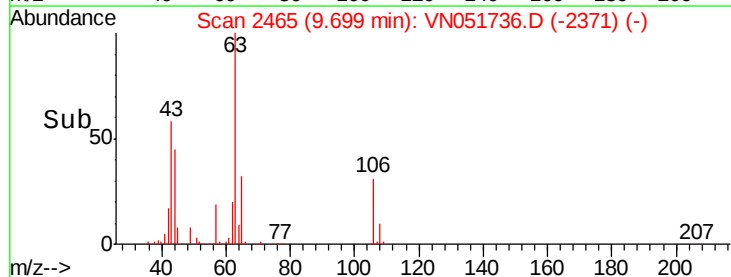
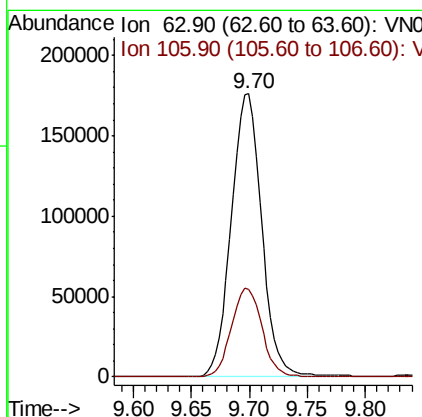
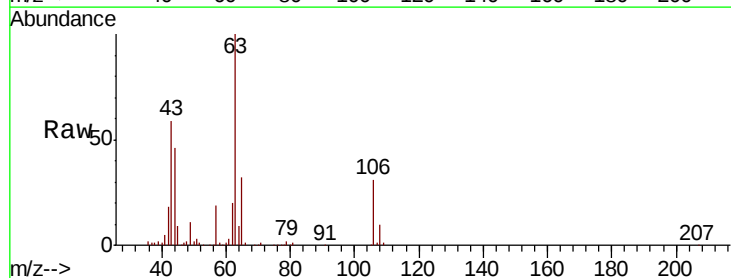
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

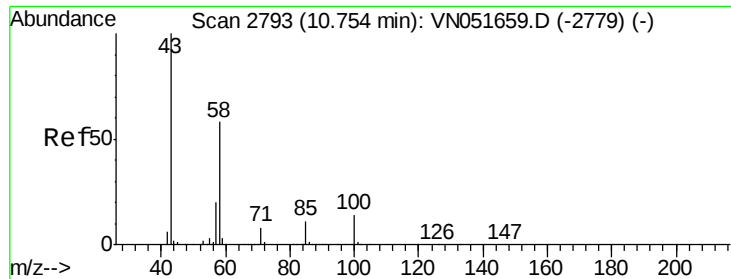
Tot Ion: 76 Resp: 203299
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.198 ug/l
 RT: 9.70 min Scan# 2465
 Delta R.T. 0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Tgt Ion: 63 Resp: 321538
 Ion Ratio Lower Upper
 63 100
 106 31.4 24.3 36.5

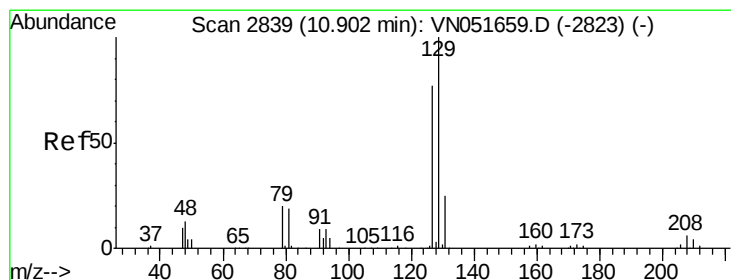
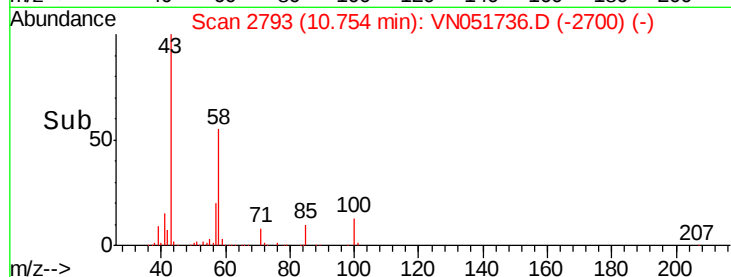
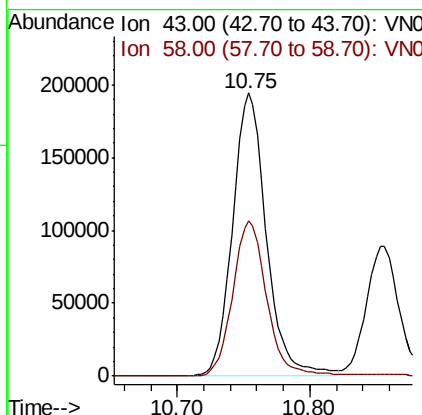
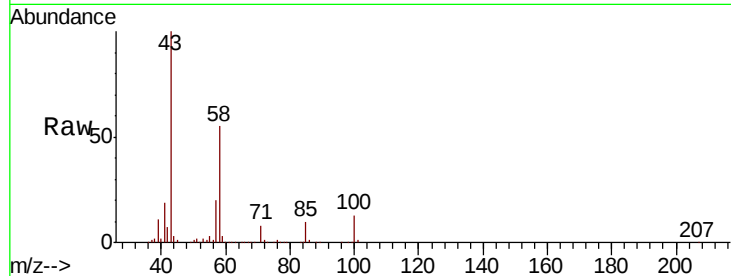




#59
2-Hexanone
Concen: 102.330 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

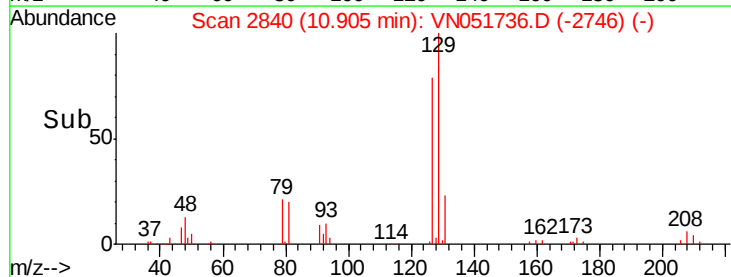
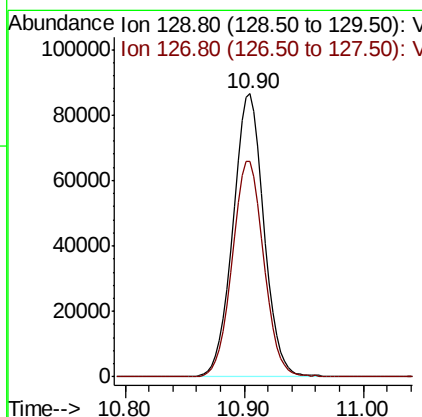
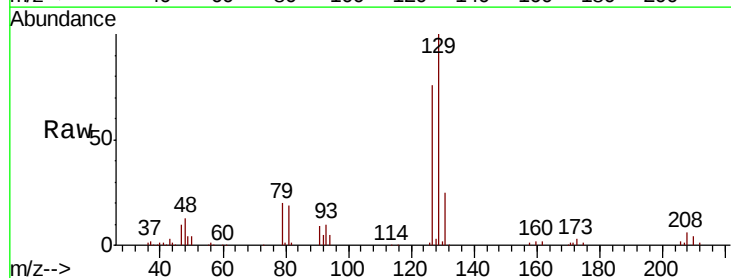
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

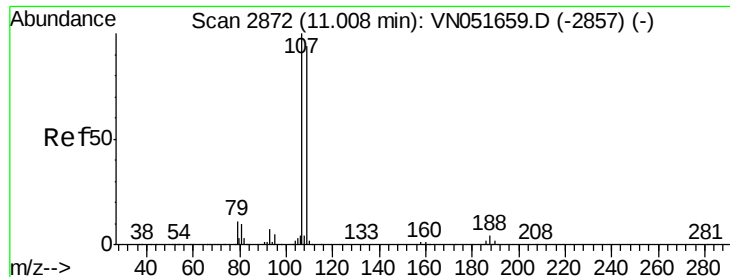
Tot Ion: 43 Resp: 341082
Ion Ratio Lower Upper
43 100
58 55.6 28.8 86.4



#60
Dibromochloromethane
Concen: 19.000 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion: 129 Resp: 155558
Ion Ratio Lower Upper
129 100
127 77.8 38.6 115.7

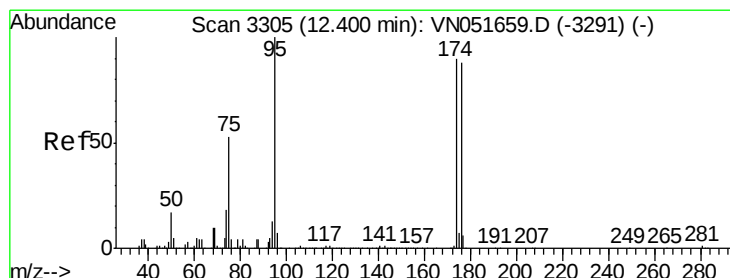
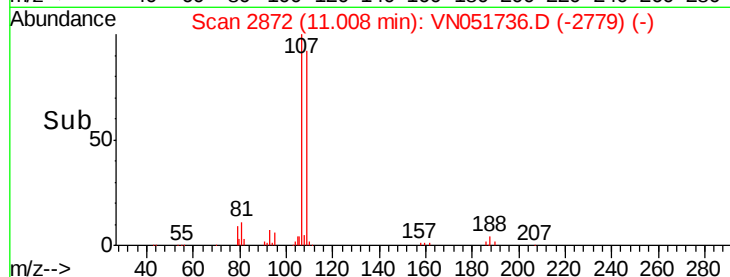
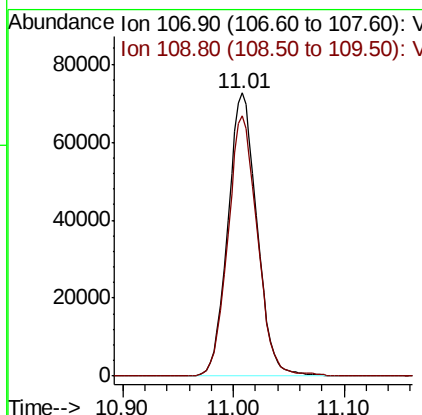
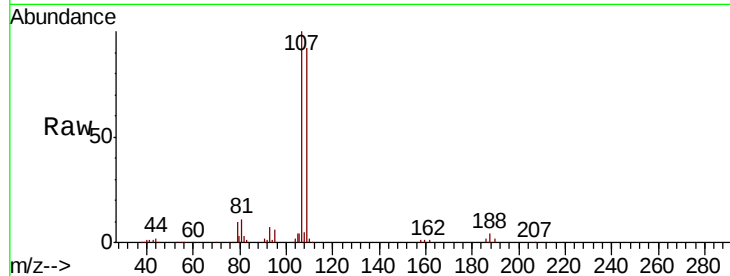




#61
 1,2-Dibromoethane
 Concen: 20.063 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

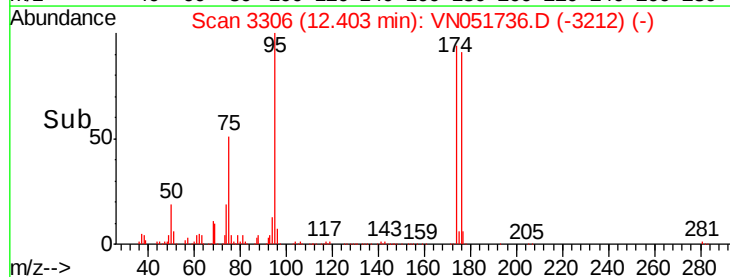
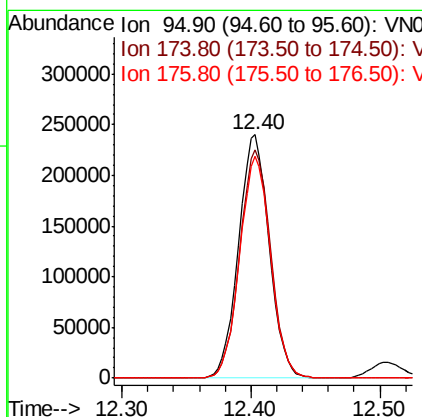
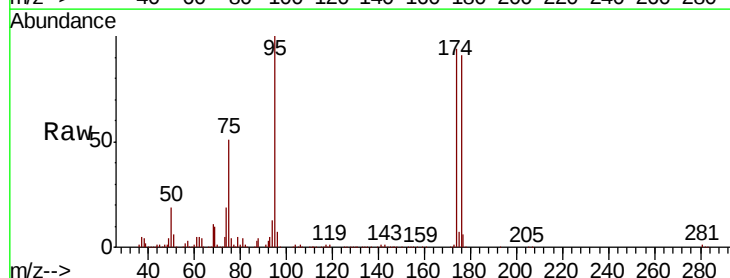
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

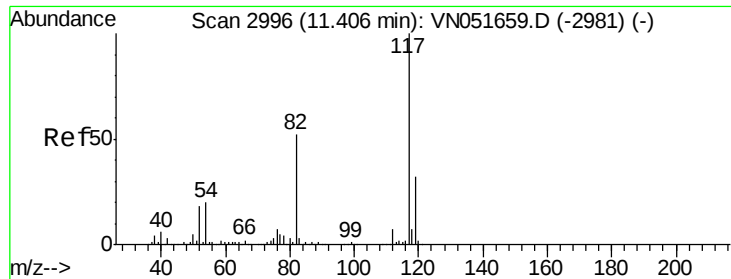
Tot Ion: 107 Resp: 132690
 Ion Ratio Lower Upper
 107 100
 109 93.1 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 20.063 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Tgt Ion: 95 Resp: 396590
 Ion Ratio Lower Upper
 95 100
 174 94.7 0.0 182.8
 176 91.8 0.0 176.4

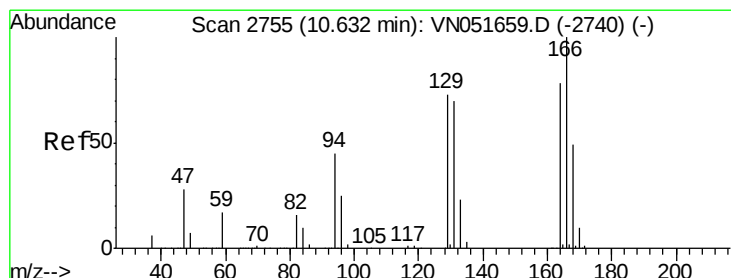
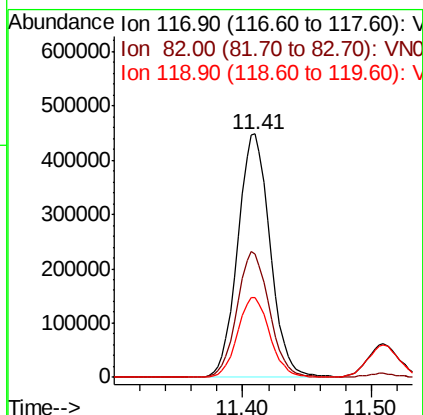
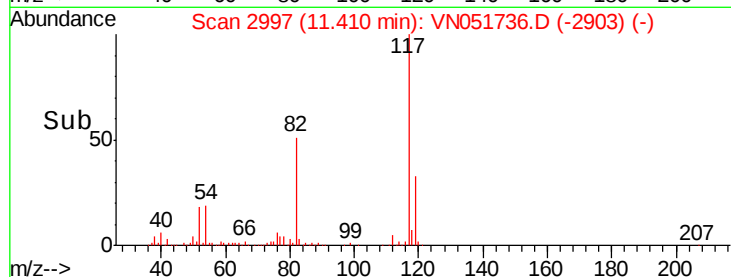
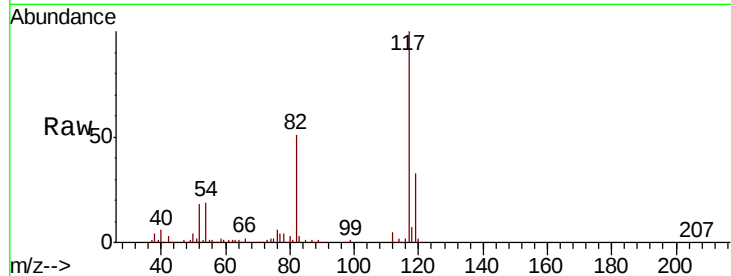




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

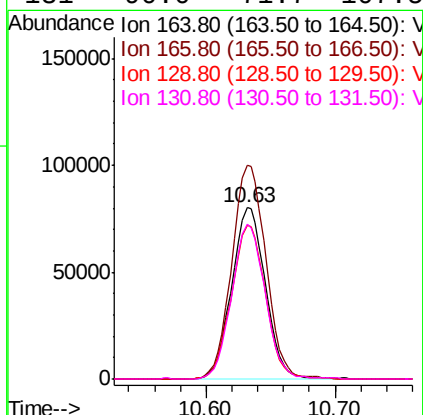
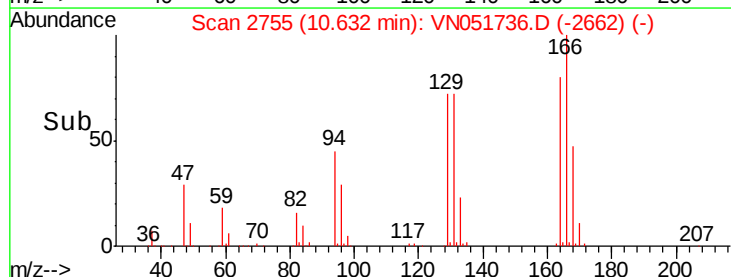
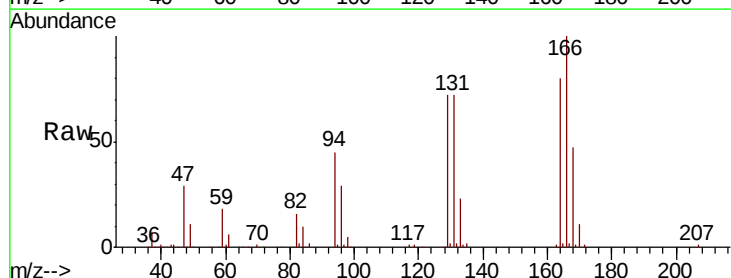
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

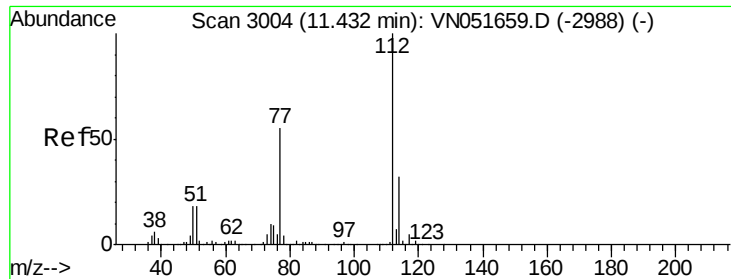
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	41.3	61.9
119	32.6	25.9	38.9



#64
Tetrachloroethene
Concen: 21.009 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.6	103.0	154.6
129	89.7	75.2	112.8
131	90.0	71.7	107.5

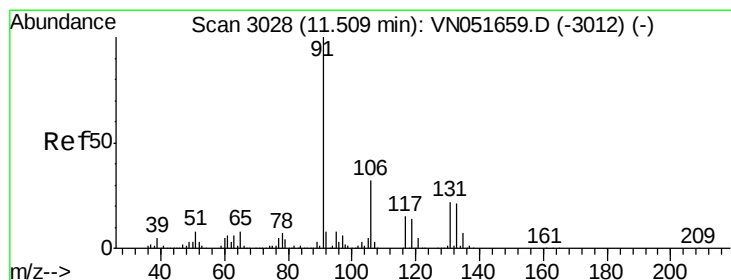
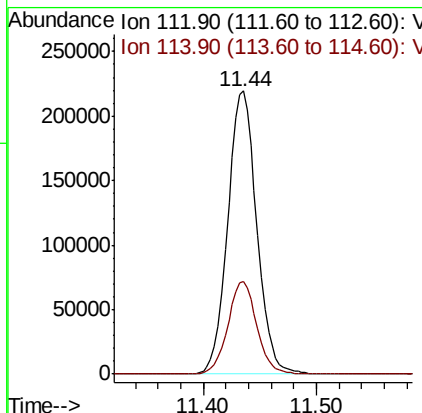
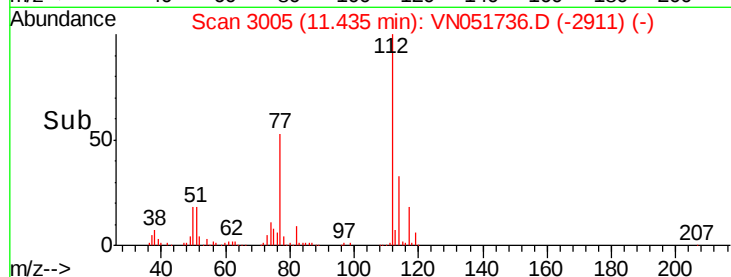
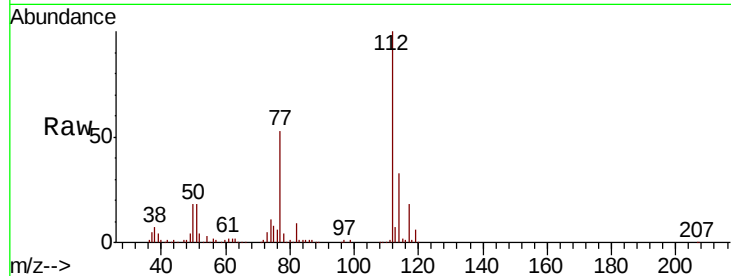




#65
Chlorobenzene
Concen: 20.132 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

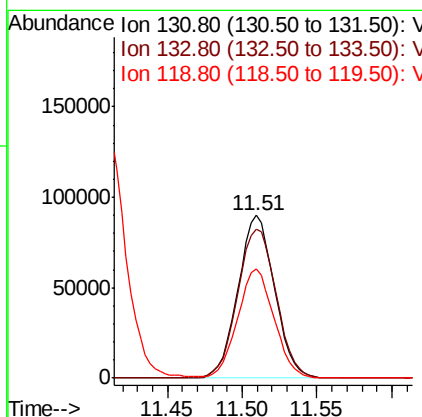
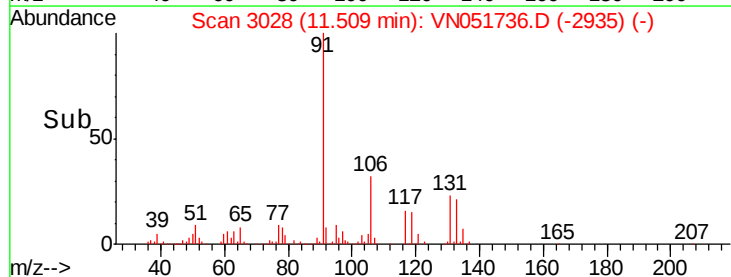
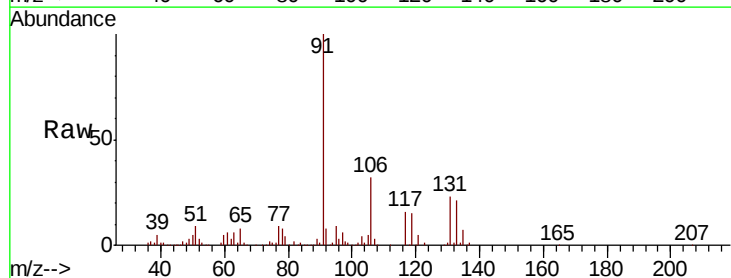
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

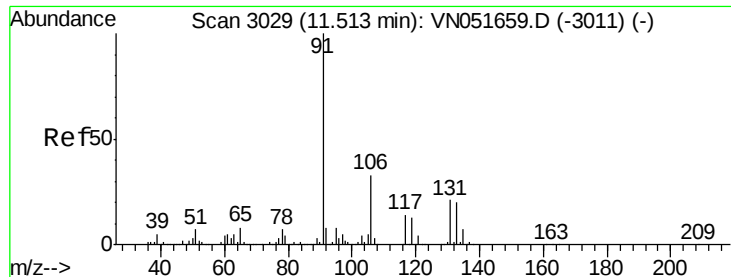
Tot Ion:112 Resp: 390735
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.761 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion:131 Resp: 153568
Ion Ratio Lower Upper
131 100
133 96.7 47.6 142.8
119 66.9 32.0 96.0

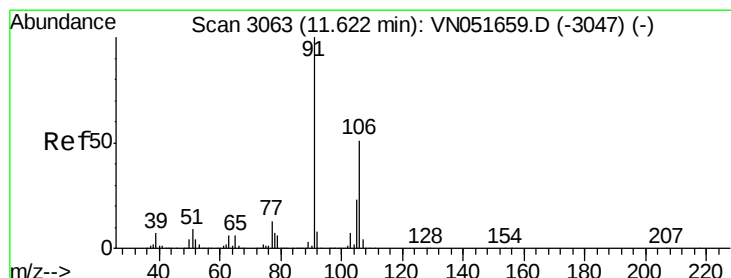
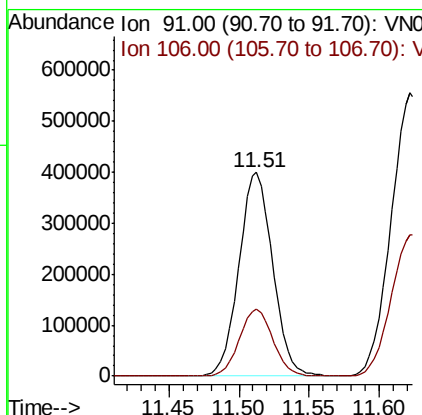
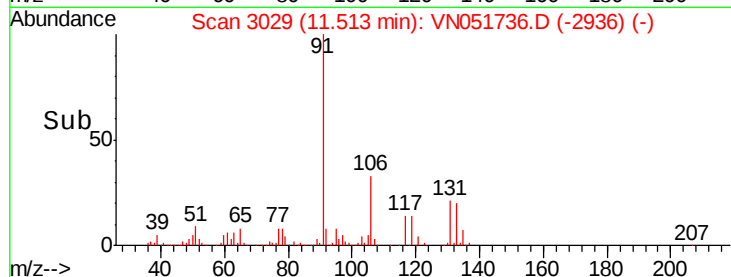
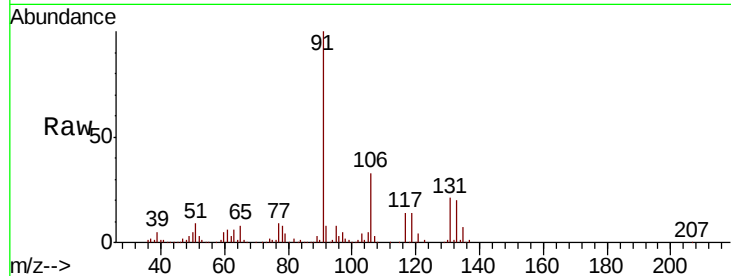




#67
Ethyl Benzene
Concen: 20.031 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

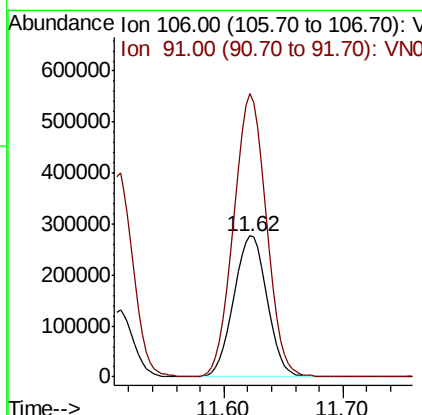
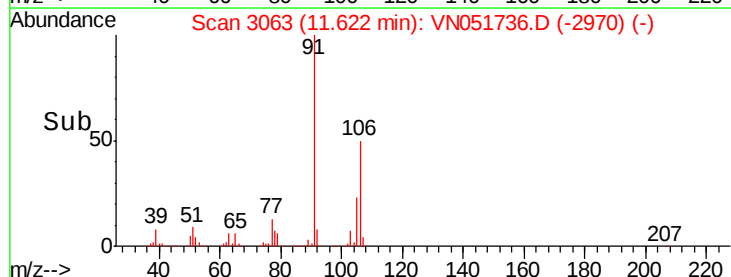
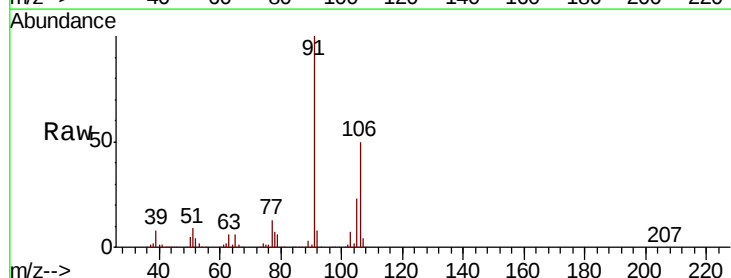
Instrument :
MSVOA_N
ClientSampled :
VN1008WBSD01

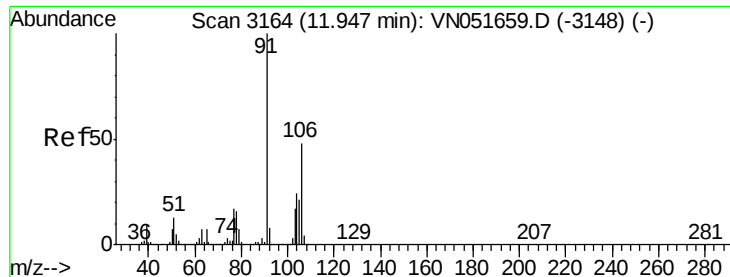
Tot Ion: 91 Resp: 671958
Ion Ratio Lower Upper
91 100
106 33.0 26.0 39.0



#68
m/p-Xylenes
Concen: 40.112 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion: 106 Resp: 538401
Ion Ratio Lower Upper
106 100
91 196.8 158.4 237.6

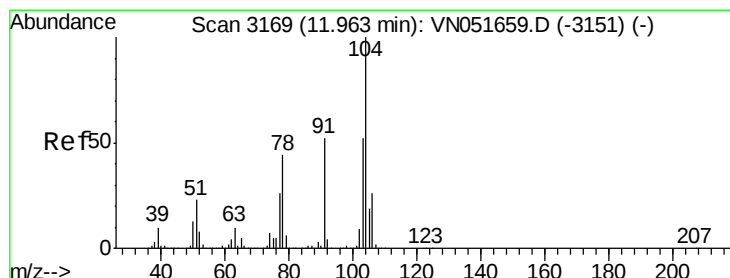
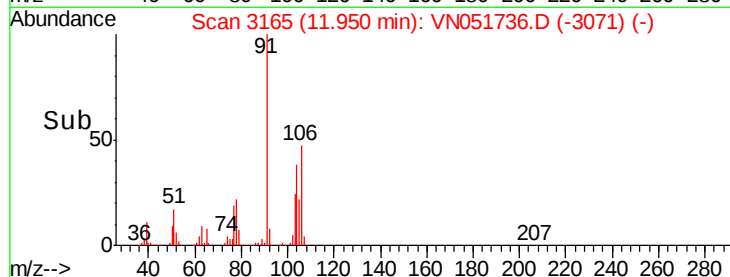
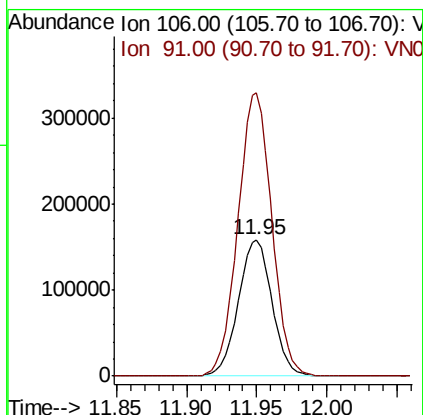
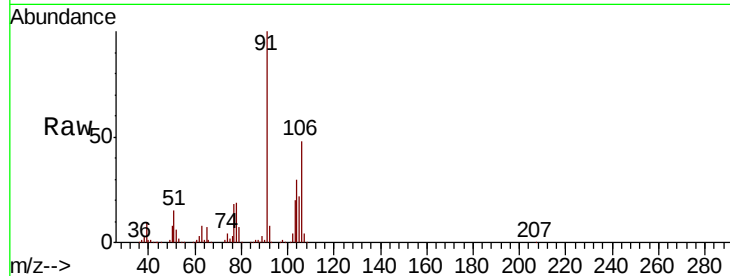




#69
o-Xylene
Concen: 20.100 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

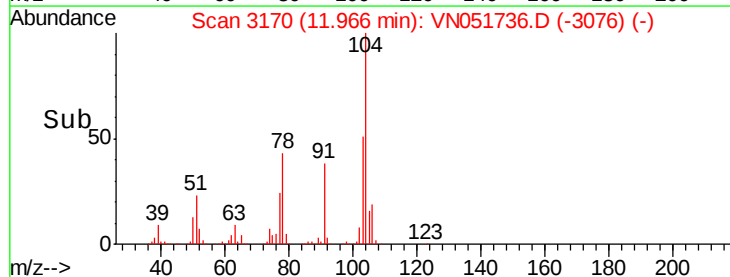
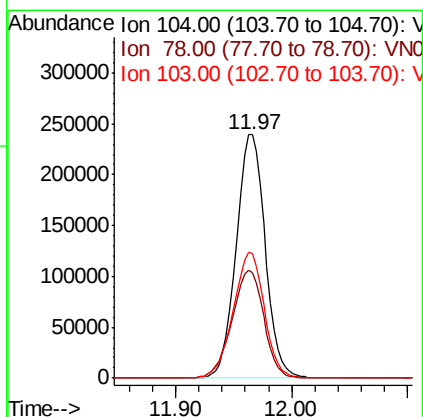
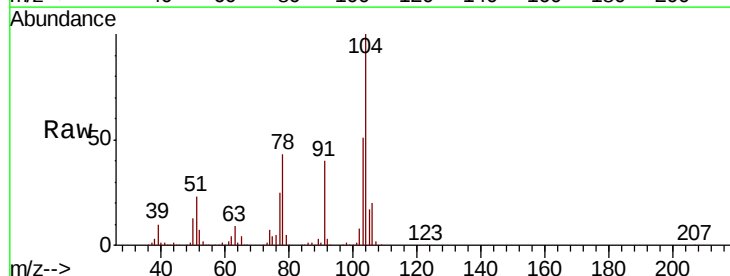
Instrument :
MSVOA_N
ClientSampled :
VN1008WBSD01

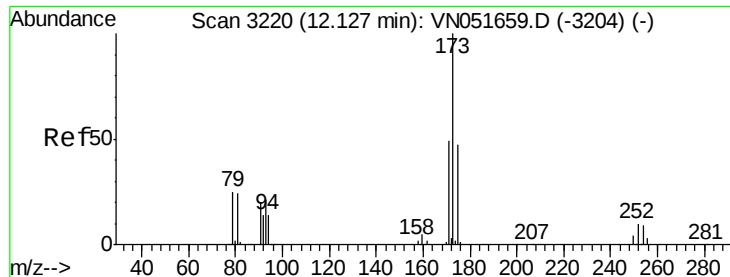
Tot Ion:106 Resp: 264587
Ion Ratio Lower Upper
106 100
91 209.3 104.4 313.2



#70
Styrene
Concen: 19.737 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion:104 Resp: 413988
Ion Ratio Lower Upper
104 100
78 48.7 39.3 58.9
103 55.3 45.0 67.6

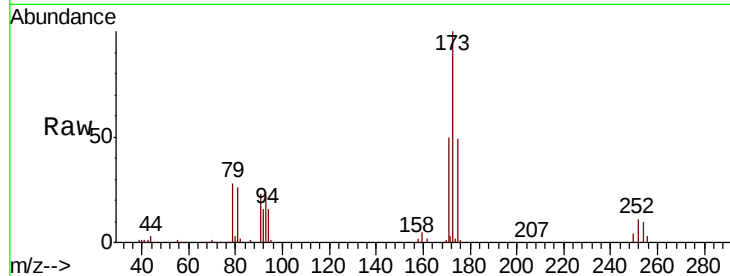




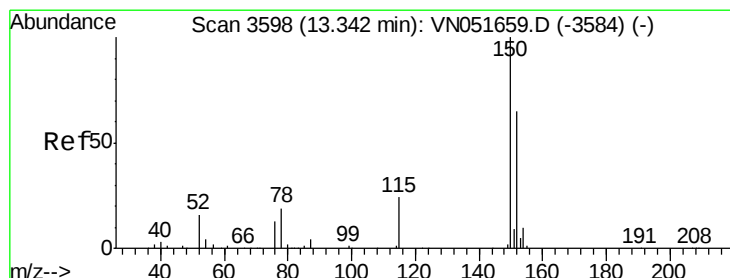
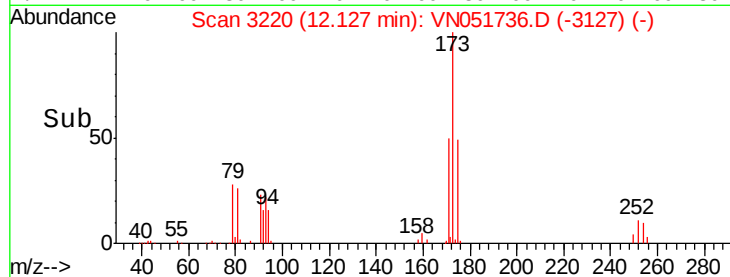
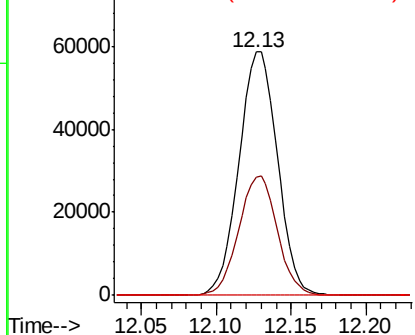
#71
Bromoform
Concen: 18.190 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tot Ion:173 Resp: 105144
Ion Ratio Lower Upper
173 100
175 49.0 24.0 72.0
254 0.0 0.1 0.1#

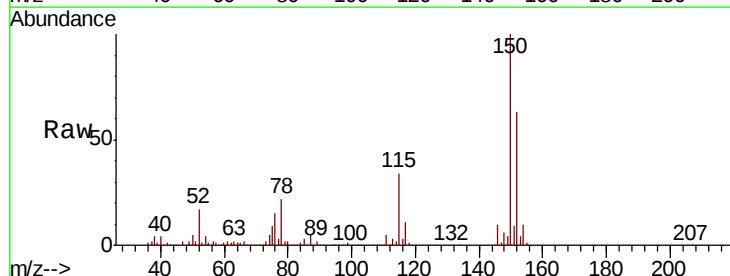


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

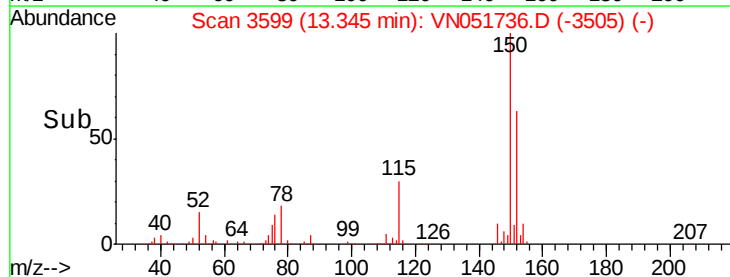
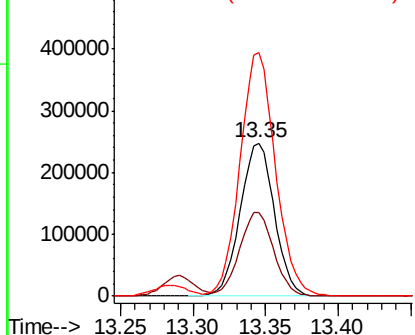


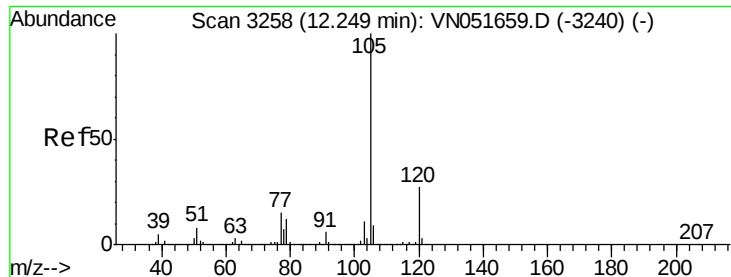
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion:152 Resp: 406410
Ion Ratio Lower Upper
152 100
115 54.5 28.6 85.8
150 165.0 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: 20.385 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

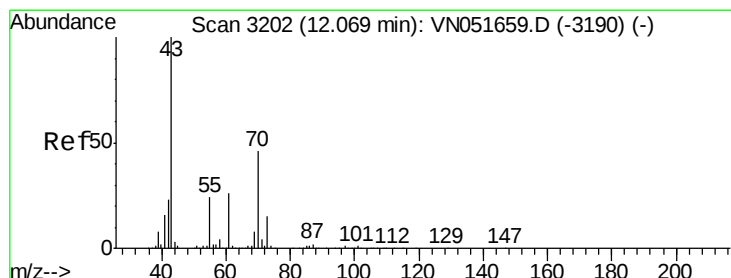
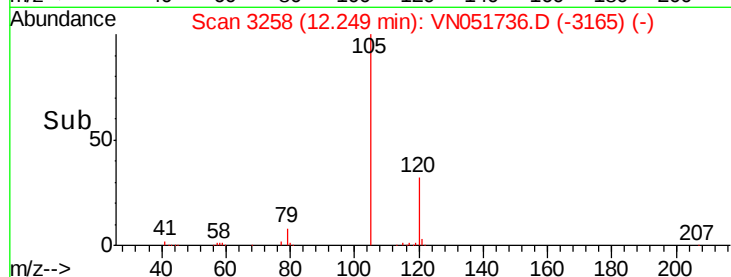
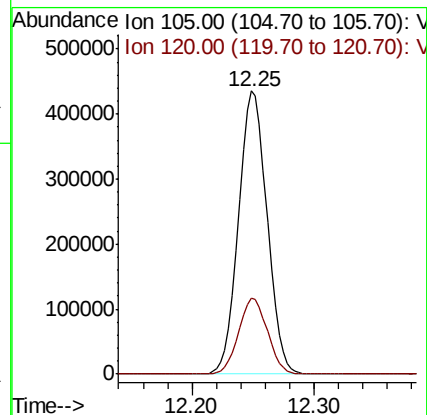
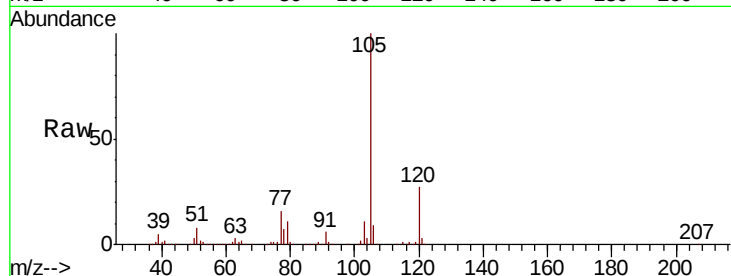
VN1008WBSD01

Tot Ion:105 Resp: 706209

Ion Ratio Lower Upper

105 100

120 27.2 13.9 41.6



#74

N-ethyl acetate

Concen: 19.977 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Tgt Ion: 43 Resp: 157149

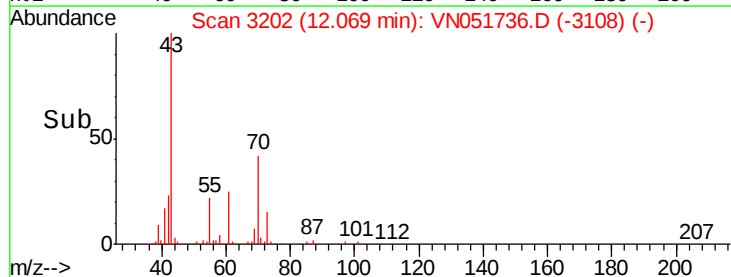
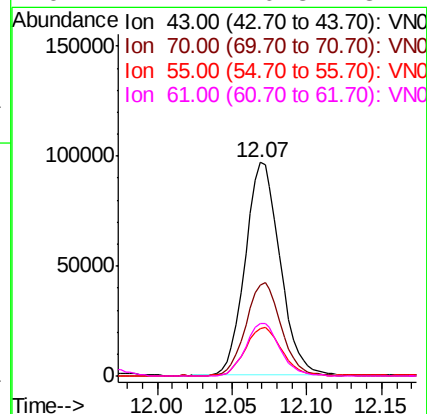
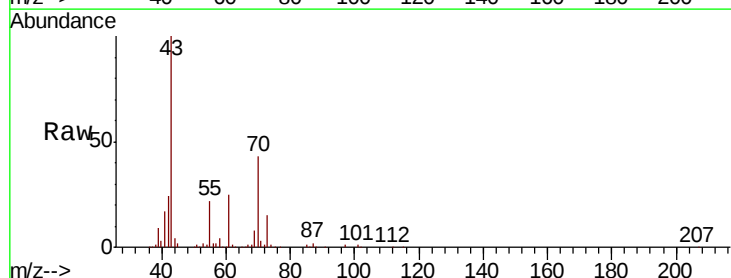
Ion Ratio Lower Upper

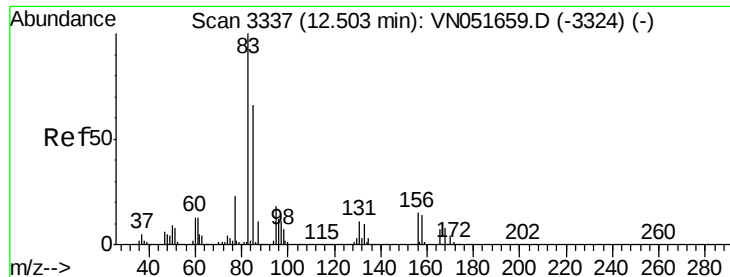
43 100

70 44.2 37.1 55.7

55 23.2 19.1 28.7

61 24.4 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.554 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

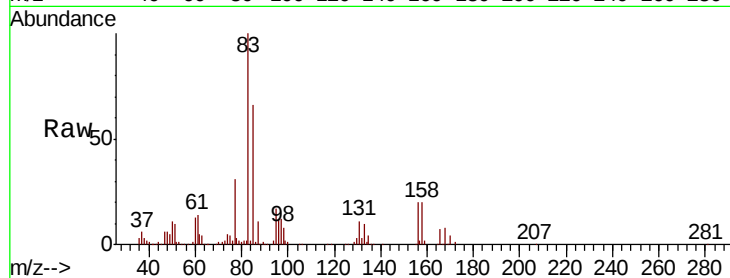
Tot Ion: 83 Resp: 153374

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

85 64.6 33.0 98.9

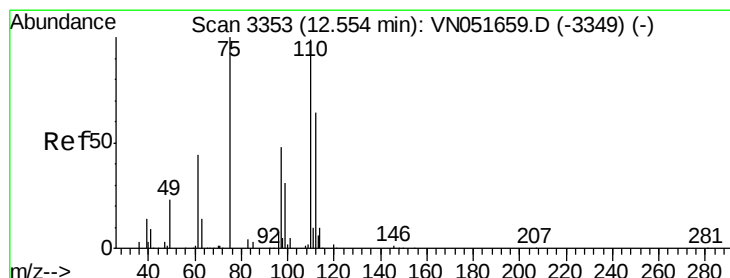
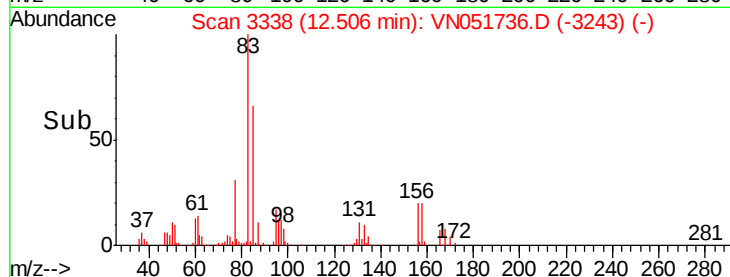


Abundance Ion 82.90 (82.60 to 83.60): VN051736.D (-3324) (-)

Ion 130.80 (130.50 to 131.50): VN051736.D (-3324) (-)

Ion 84.90 (84.60 to 85.60): VN051736.D (-3324) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 35.074 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051736.D

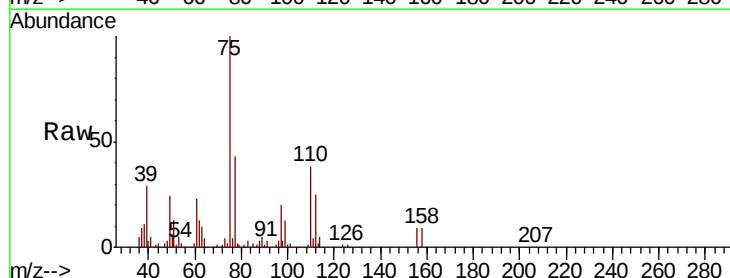
Acq: 8 Oct 2018 15:24

Tgt Ion: 75 Resp: 183301

Ion Ratio Lower Upper

75 100

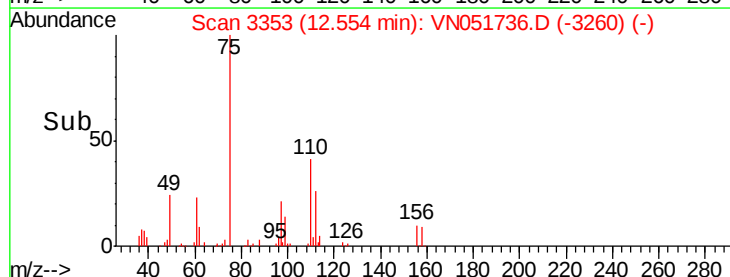
77 0.0 0.0 0.0

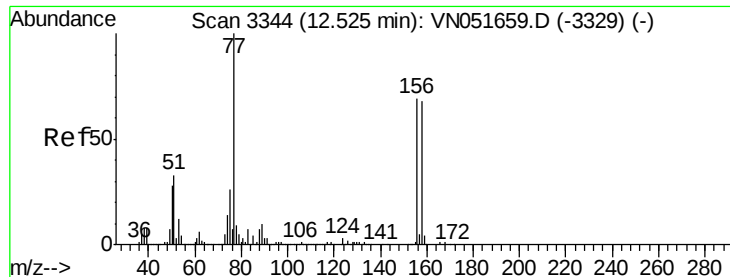


Abundance Ion 74.90 (74.60 to 75.60): VN051736.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN051736.D (-3349) (-)

Time-->





#77

Bromobenzene

Concen: 19.895 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampled :

VN1008WBSD01

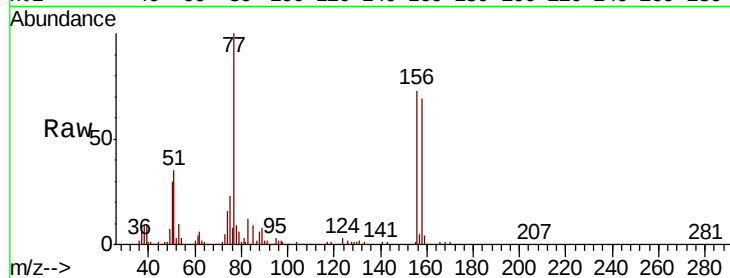
Tot Ion:156 Resp: 168525

Ion Ratio Lower Upper

156 100

77 163.5 83.2 249.4

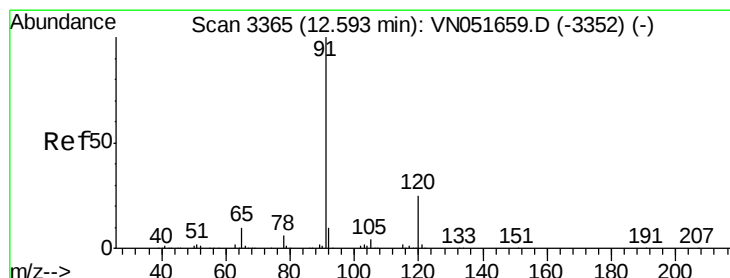
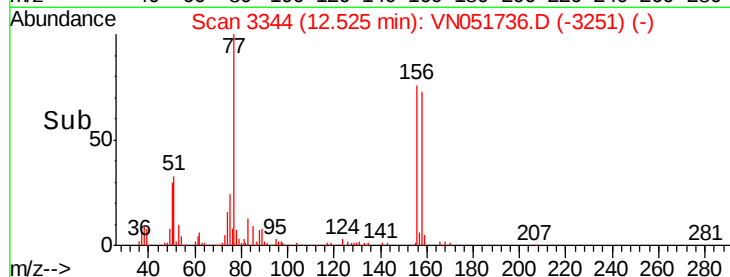
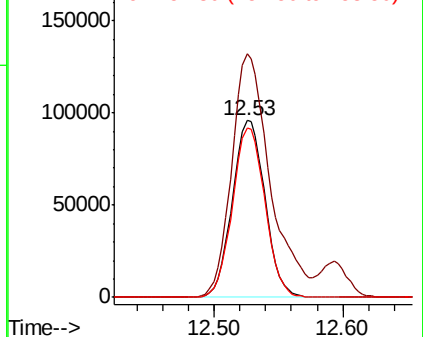
158 95.6 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.837 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051736.D

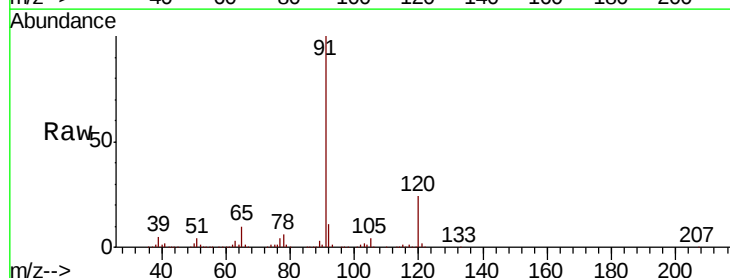
Acq: 8 Oct 2018 15:24

Tgt Ion: 91 Resp: 749591

Ion Ratio Lower Upper

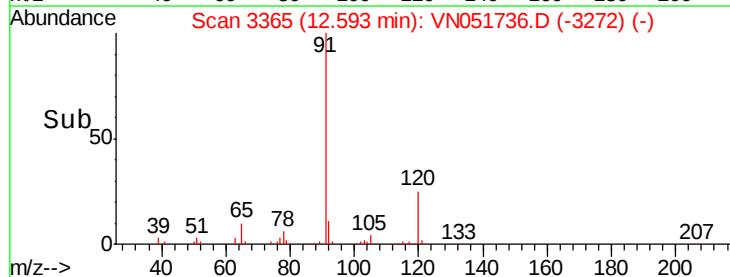
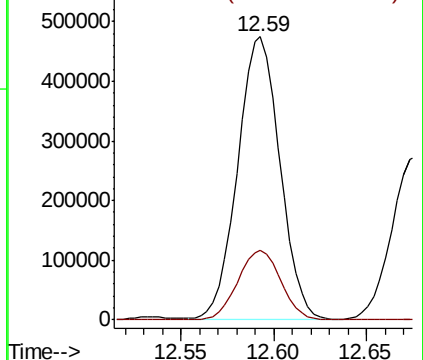
91 100

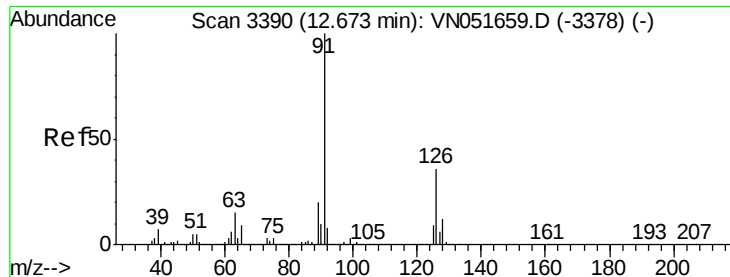
120 24.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.005 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

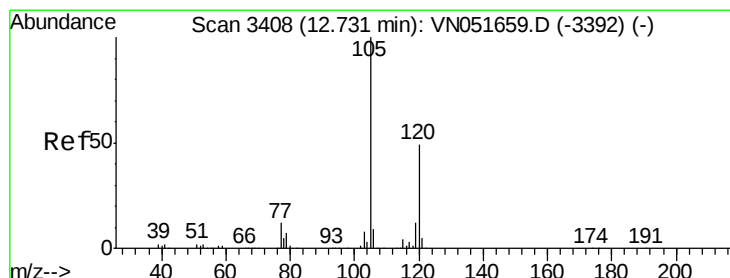
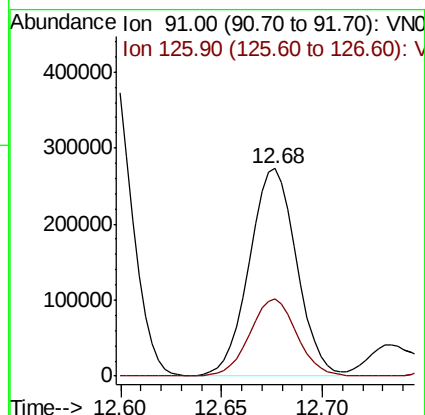
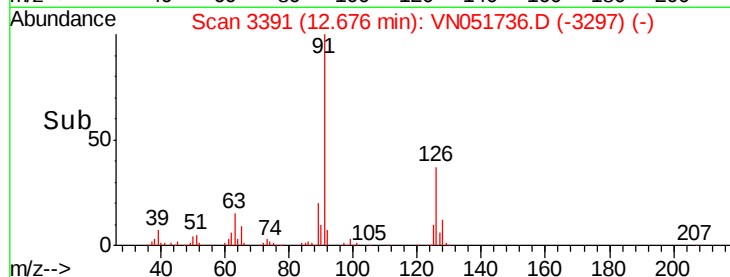
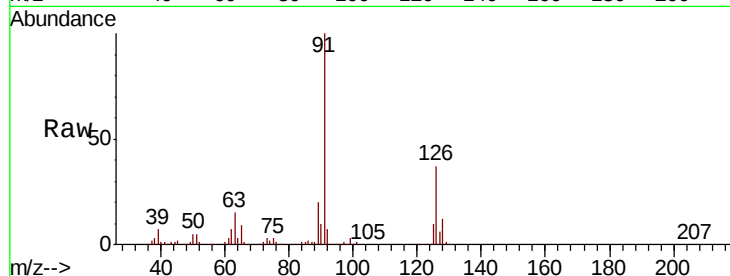
VN1008WBSD01

Tot Ion: 91 Resp: 445514

Ion Ratio Lower Upper

91 100

126 37.3 18.5 55.5



#80

1,3,5-Trimethylbenzene

Concen: 20.233 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051736.D

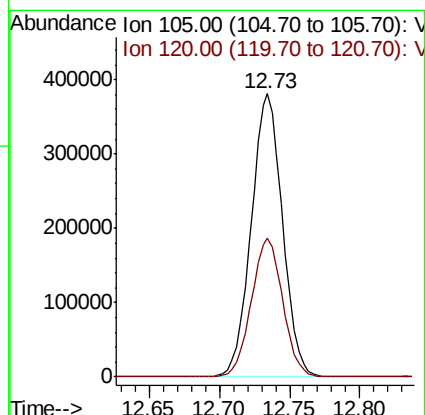
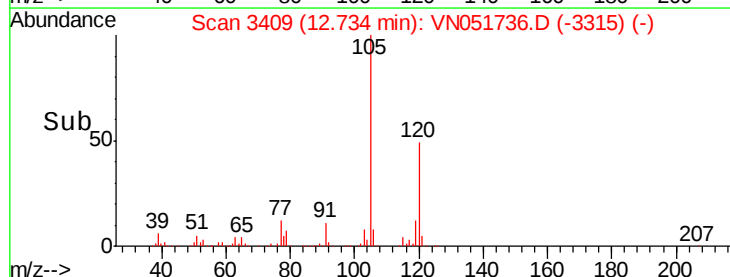
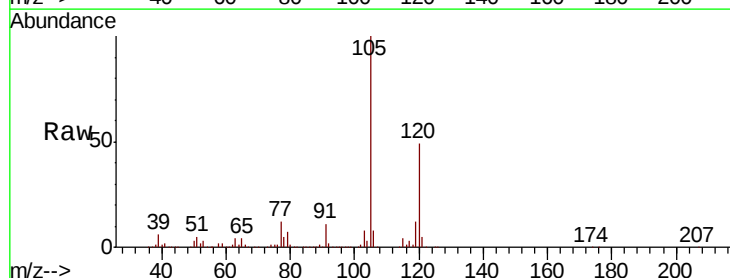
Acq: 8 Oct 2018 15:24

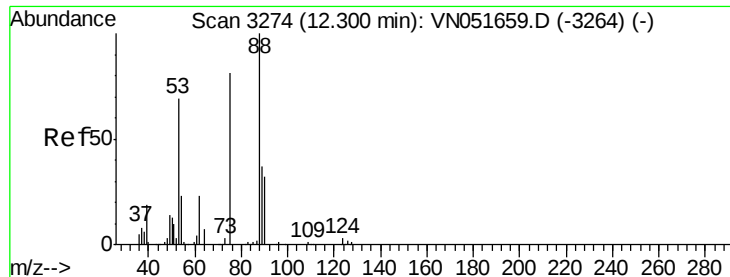
Tgt Ion:105 Resp: 590728

Ion Ratio Lower Upper

105 100

120 48.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.924 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

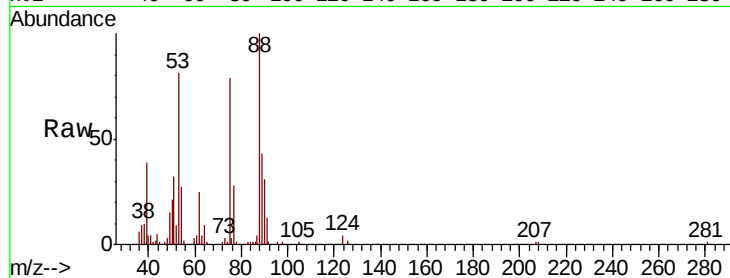
Tot Ion: 75 Resp: 37417

Ion Ratio Lower Upper

75 100

53 102.6 68.6 102.8

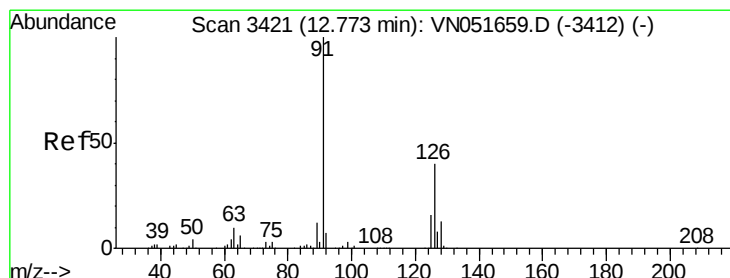
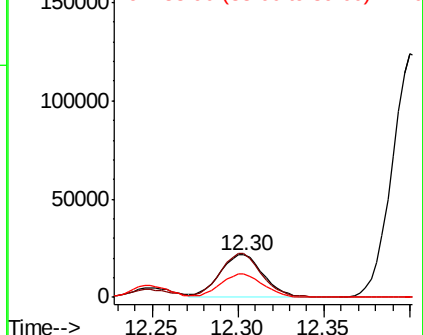
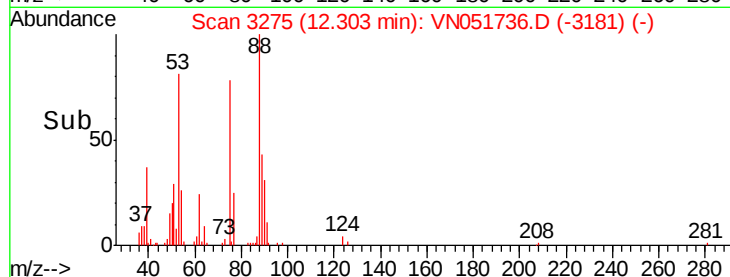
89 55.0 39.4 59.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.652 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051736.D

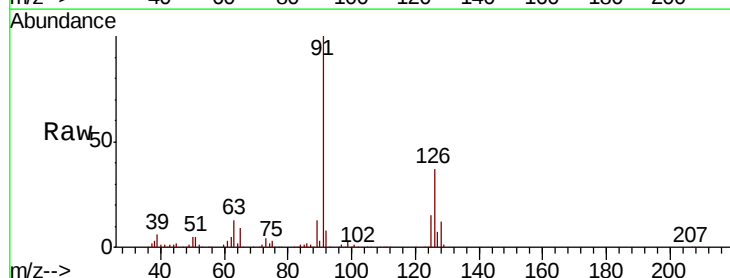
Acq: 8 Oct 2018 15:24

Tgt Ion: 91 Resp: 439652

Ion Ratio Lower Upper

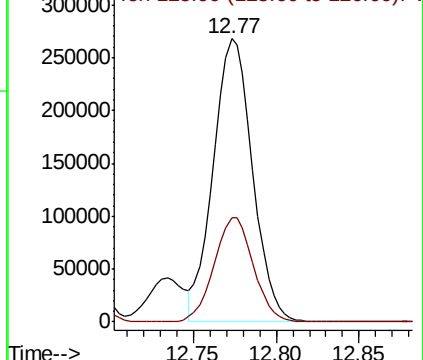
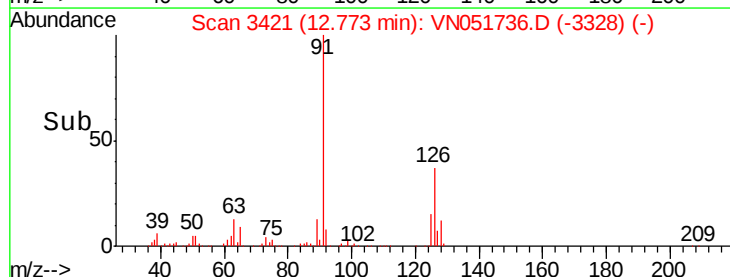
91 100

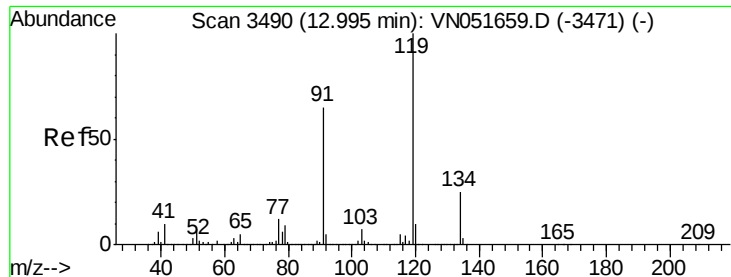
126 37.0 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

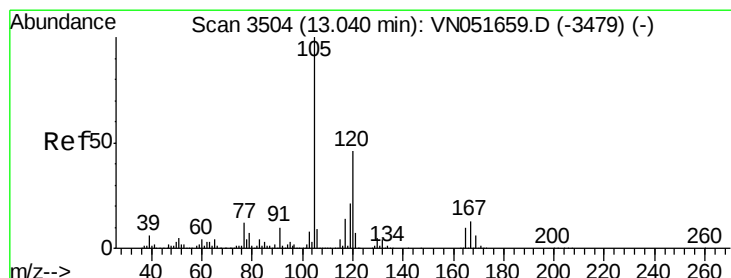
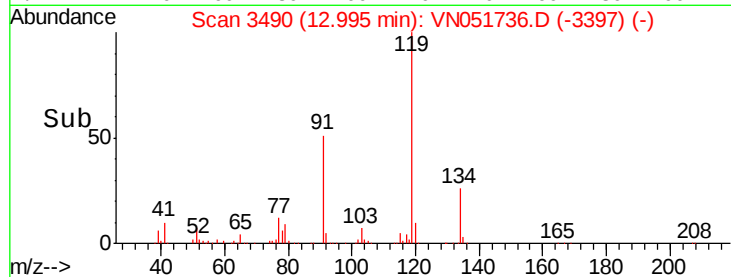
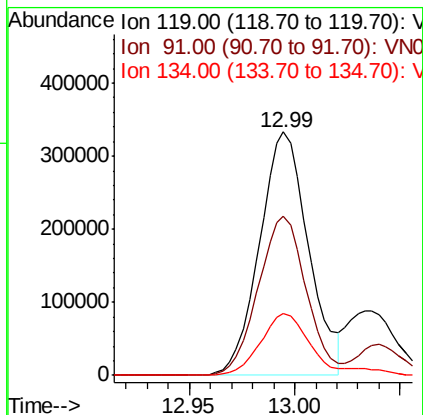
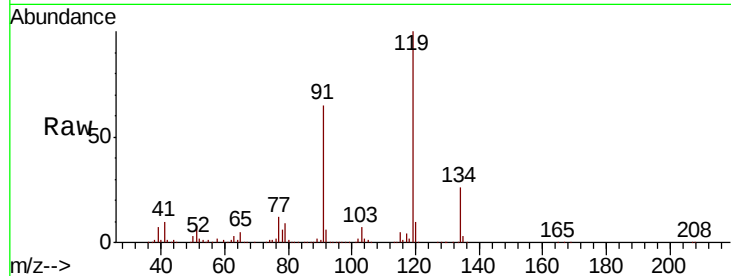




#83
 tert-Butylbenzene
 Concen: 20.598 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

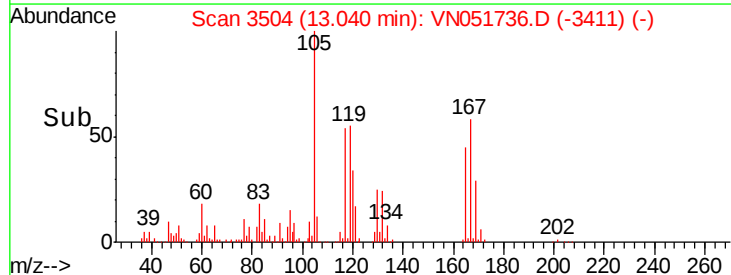
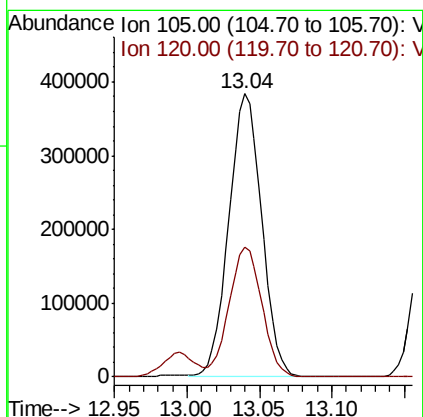
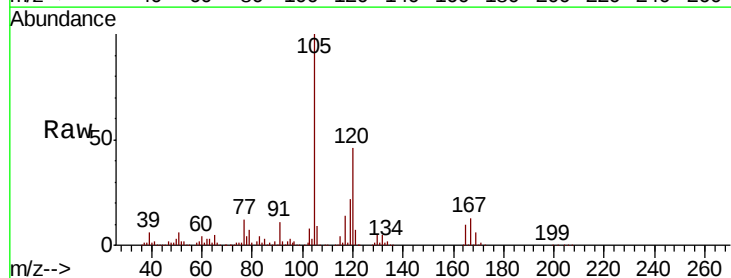
Instrument :
 MSVOA_N
 ClientSampled :
 VN1008WBSD01

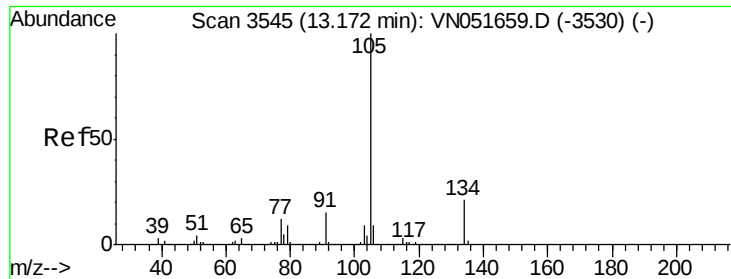
Tot Ion:119 Resp: 538852
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.1 96.5
 134 27.1 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.603 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Tgt Ion:105 Resp: 602507
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.7





#85

sec-Butylbenzene

Concen: 20.371 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

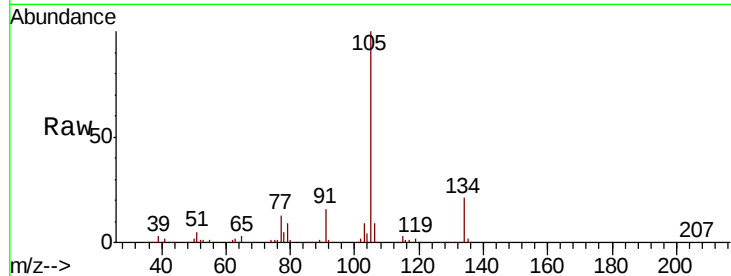
VN1008WBSD01

Tot Ion:105 Resp: 704918

Ion Ratio Lower Upper

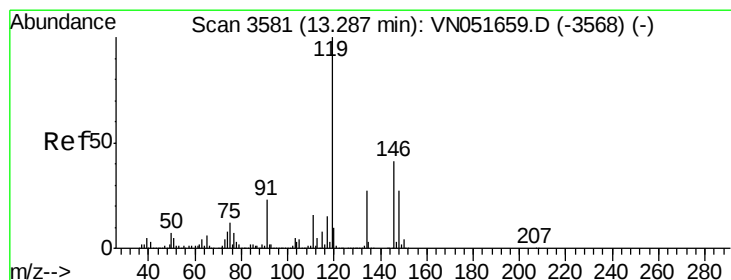
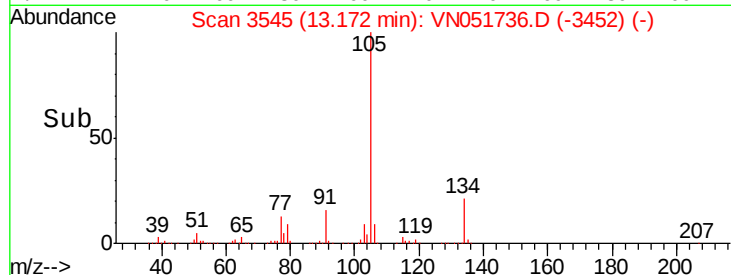
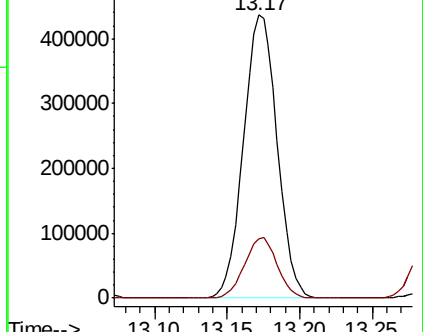
105 100

134 20.8 10.5 31.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.676 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

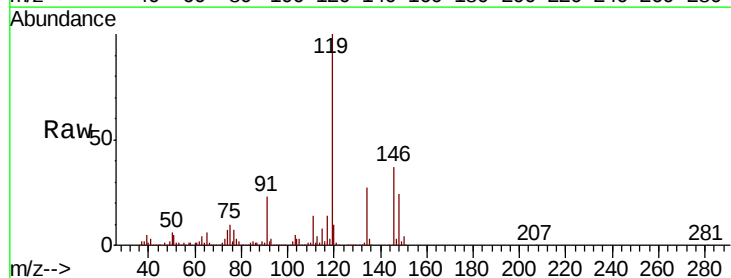
Tgt Ion:119 Resp: 634301

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

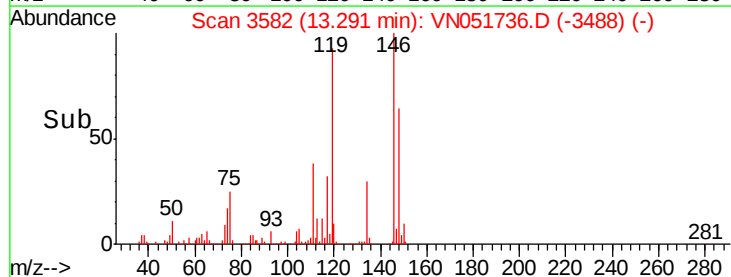
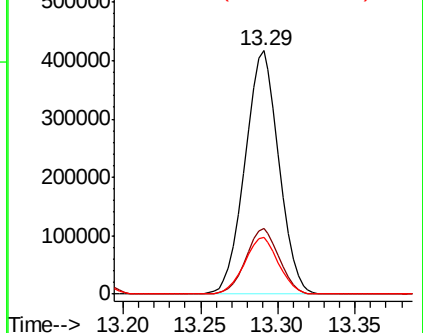
91 23.3 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.294 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

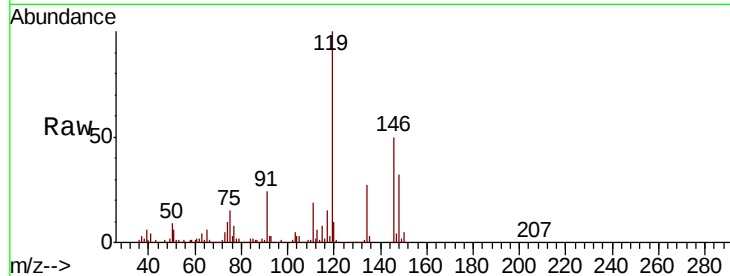
Tot Ion:146 Resp: 299555

Ion Ratio Lower Upper

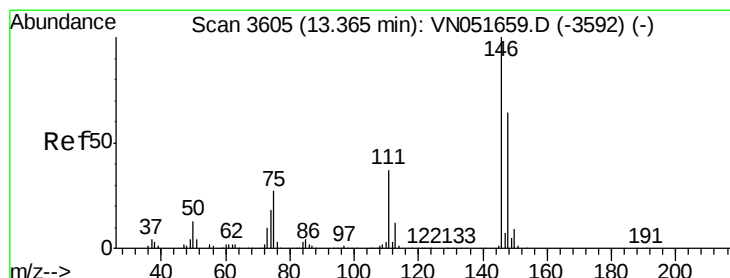
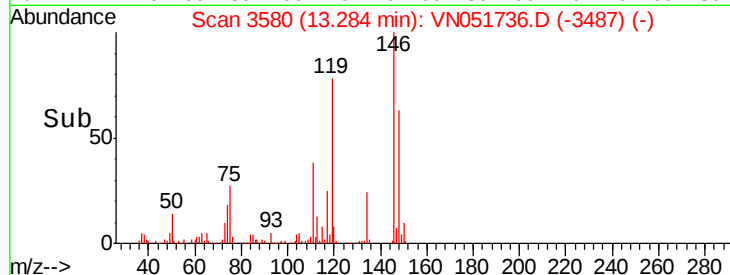
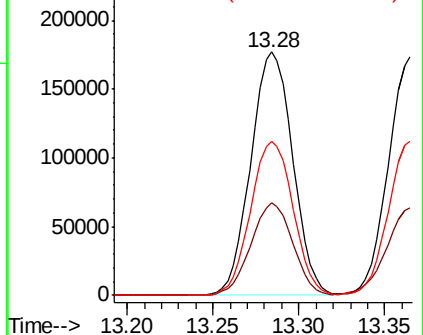
146 100

111 37.9 19.3 57.9

148 64.0 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: 20.047 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

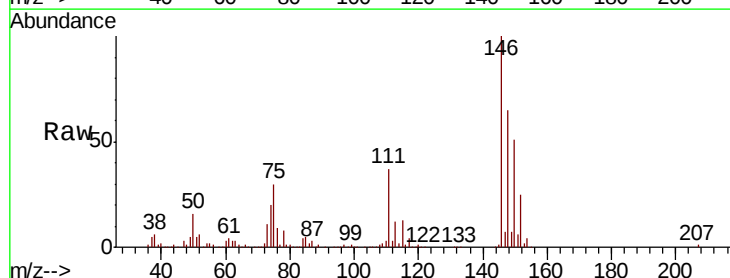
Tgt Ion:146 Resp: 291263

Ion Ratio Lower Upper

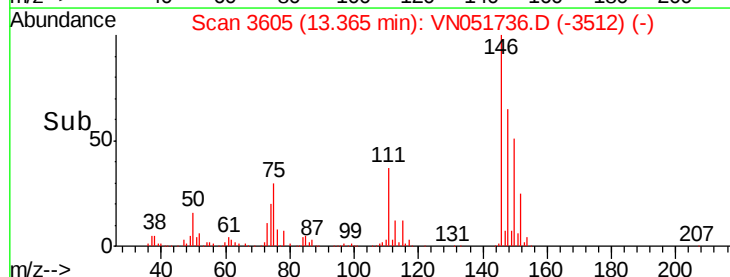
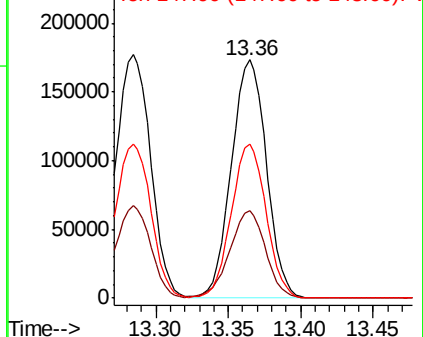
146 100

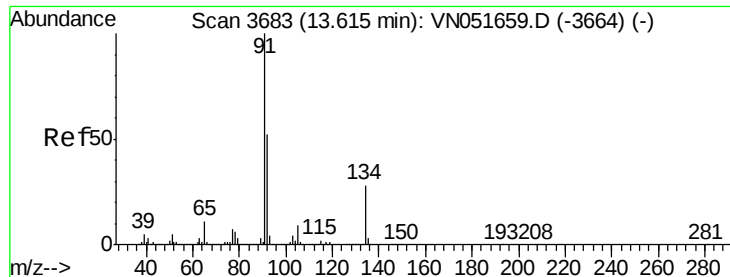
111 37.7 18.6 55.8

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

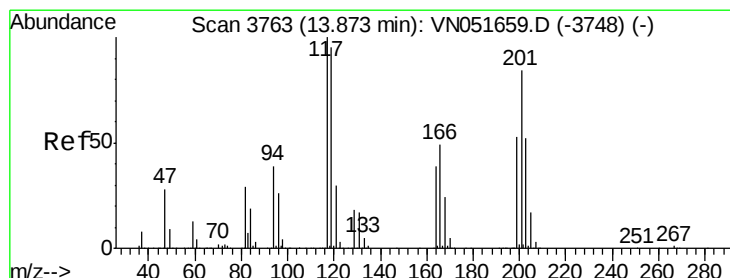
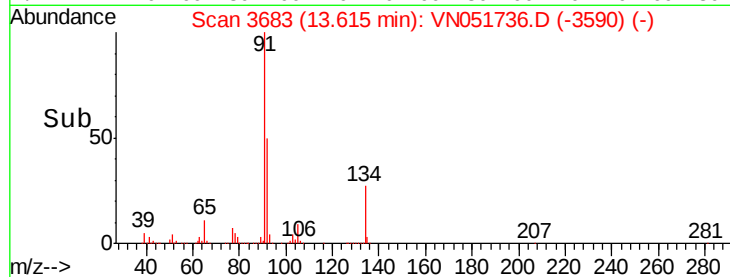
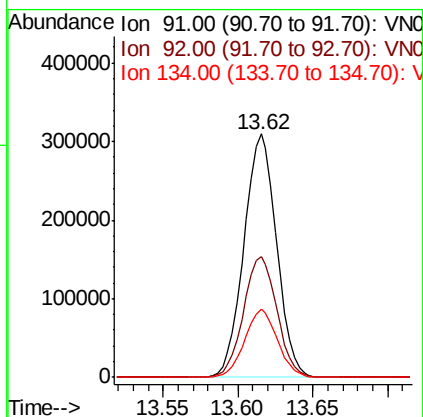
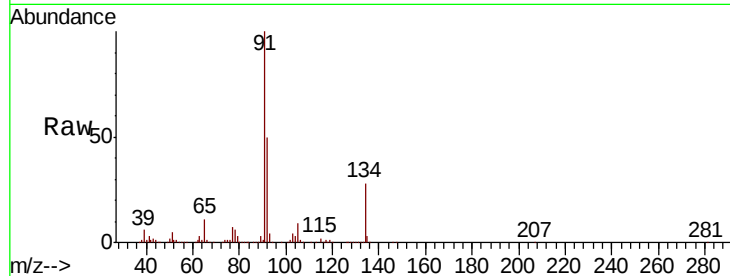




#89
n-Butylbenzene
Concen: 19.368 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

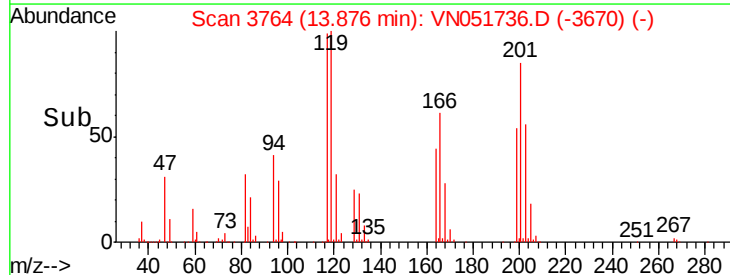
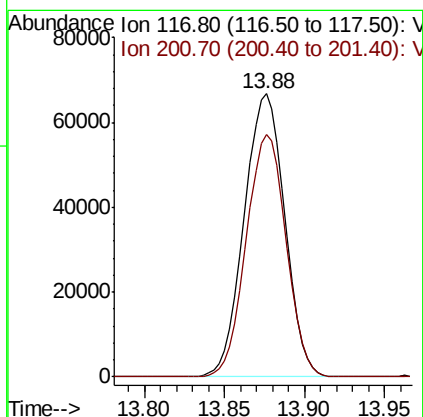
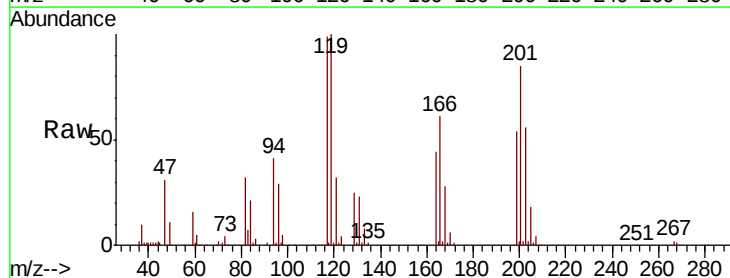
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

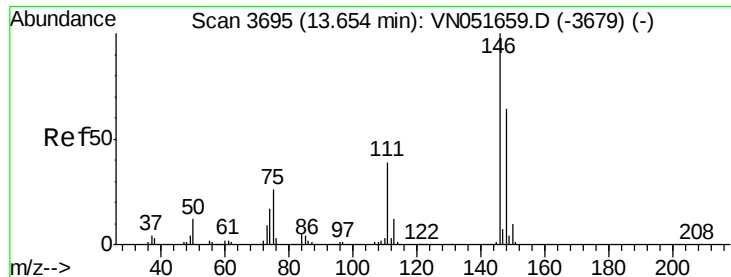
Tot Ion: 91 Resp: 469775
Ion Ratio Lower Upper
91 100
92 50.7 26.0 78.0
134 28.0 14.2 42.6



#90
Hexachloroethane
Concen: 18.909 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051736.D
Acq: 8 Oct 2018 15:24

Tgt Ion: 117 Resp: 115737
Ion Ratio Lower Upper
117 100
201 84.2 42.4 127.3

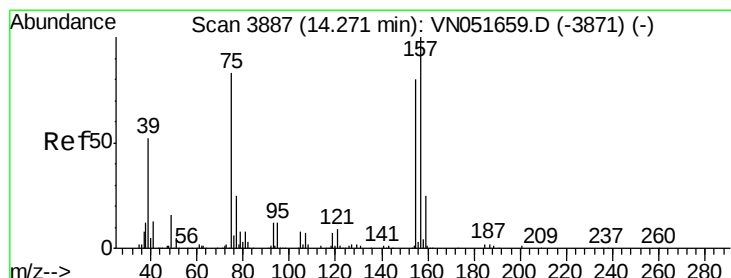
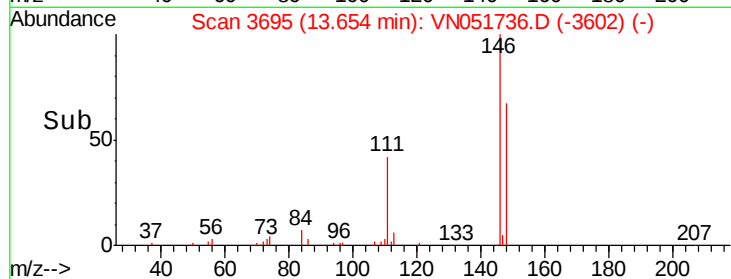
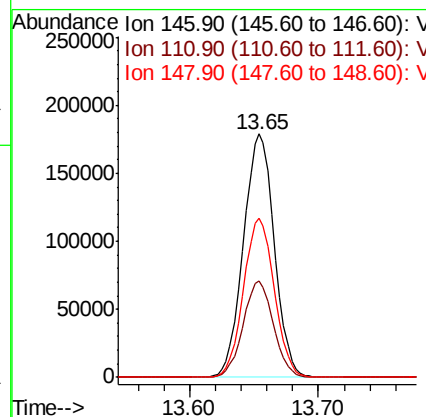
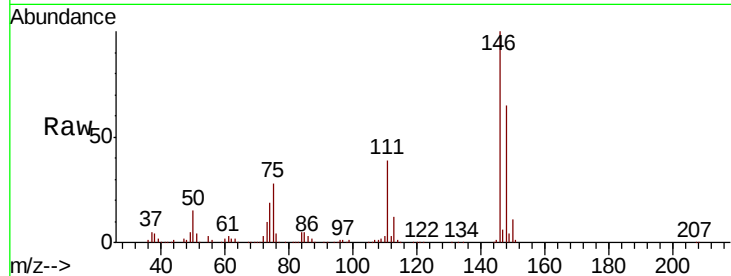




#91
 1,2-Dichlorobenzene
 Concen: 20.265 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

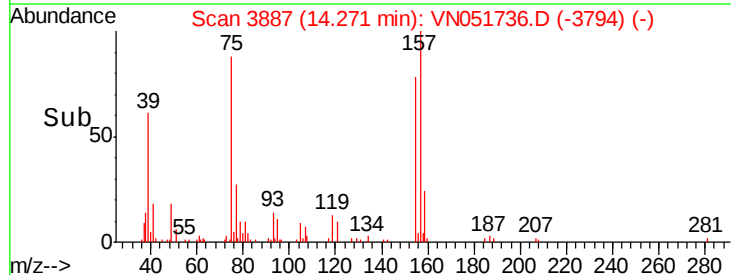
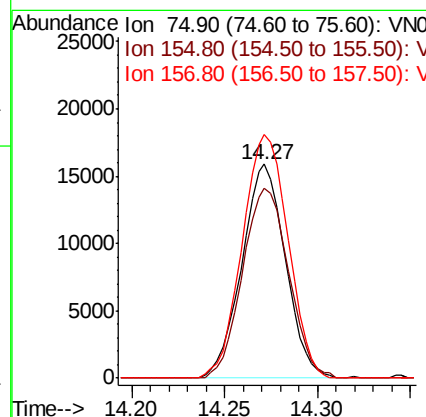
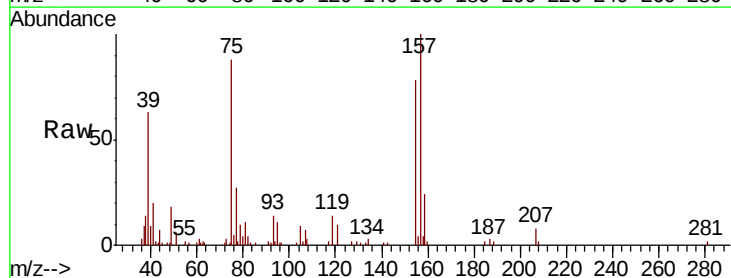
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

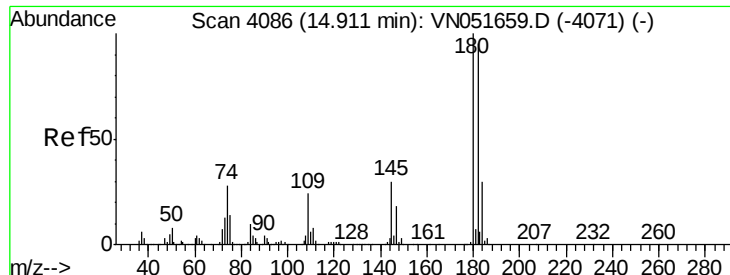
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.7	59.0
148	65.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.286 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.1	47.6	142.9
157	119.8	61.7	185.1

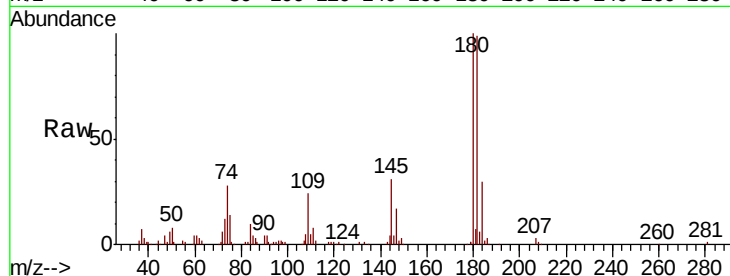




#93
 1,2,4-Trichlorobenzene
 Concen: 18.424 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.7	143.1
145	30.1	15.3	45.9

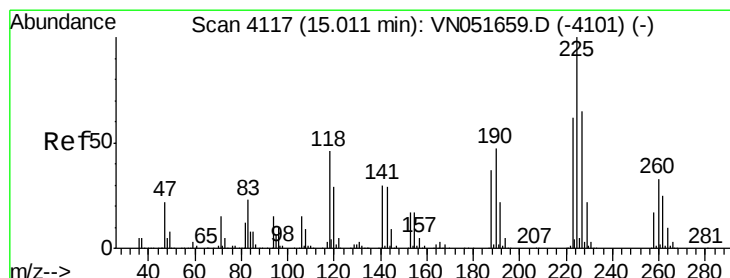
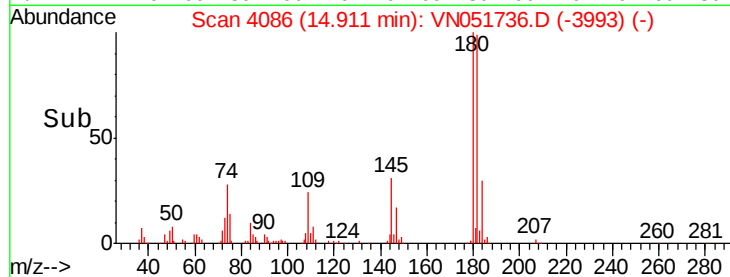
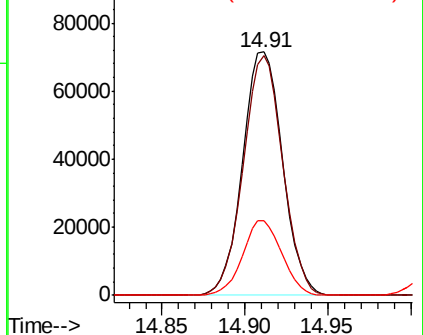


Abundance

Ion 179.80 (179.50 to 180.50): V

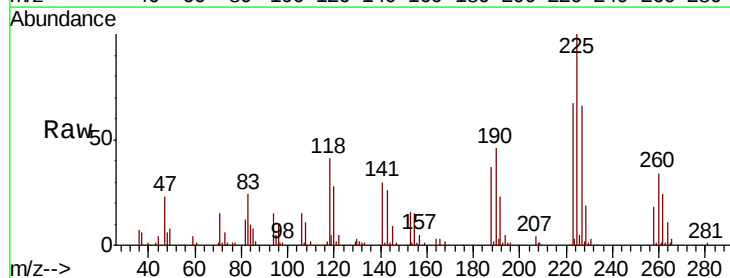
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.736 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051736.D
 Acq: 8 Oct 2018 15:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.9	95.5
227	66.4	31.7	95.1

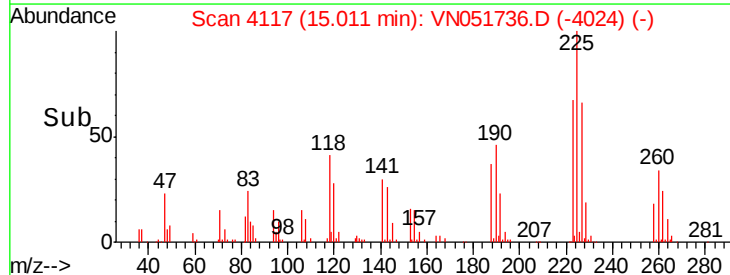
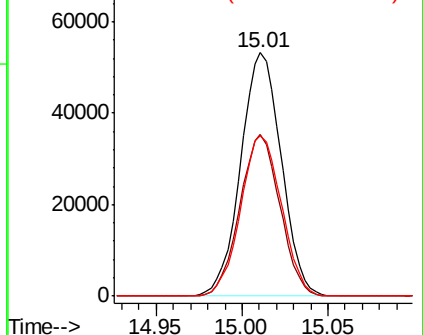


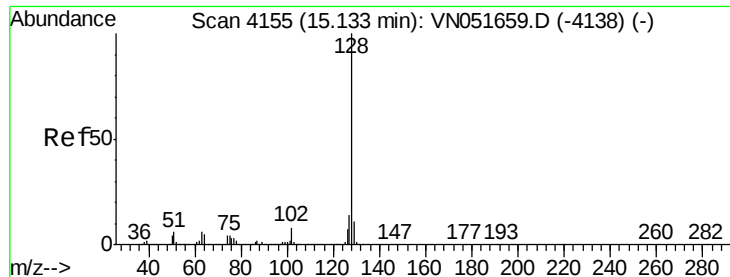
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.468 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

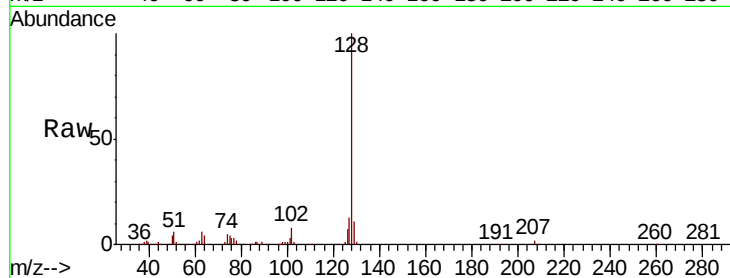
Tot Ion:128 Resp: 260398

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 10.3 9.0 13.6



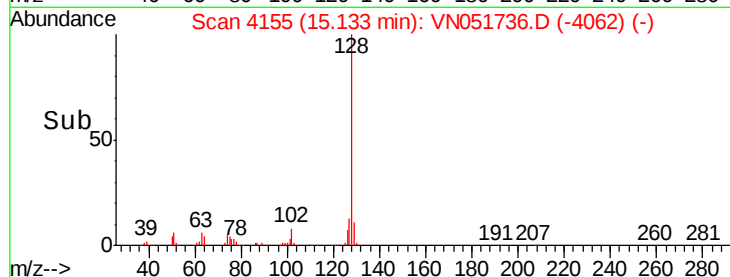
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

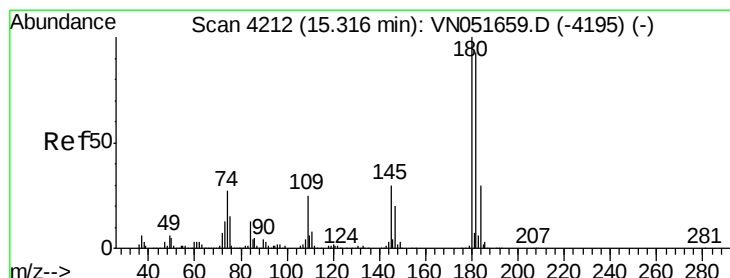
15.13

Time-->



15.13

Time-->



#96

1,2,3-Trichlorobenzene

Concen: 19.558 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN051736.D

Acq: 8 Oct 2018 15:24

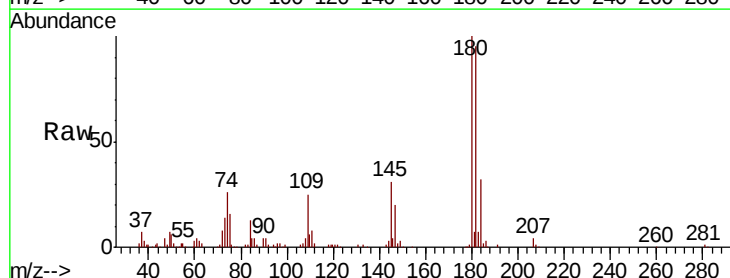
Tgt Ion:180 Resp: 125768

Ion Ratio Lower Upper

180 100

182 93.2 47.3 141.8

145 30.6 15.6 46.8



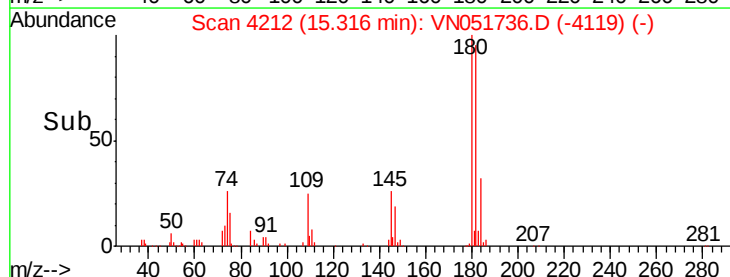
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.32

Time-->



15.32

Time-->