

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052277.D
 Acq On : 13 Nov 2018 10:36
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 14 00:06:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	281237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	465122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	416812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193089	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	186378	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
35) Dibromofluoromethane	7.59	113	148049	49.14	ug/l	0.00
Spiked Amount			Recovery	=	98.28%	
50) Toluene-d8	10.09	98	583235	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	196576	51.55	ug/l	0.00
Spiked Amount			Recovery	=	103.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	150992	49.384	ug/l	100
3) Chloromethane	2.06	50	199075	46.636	ug/l	100
4) Vinyl Chloride	2.19	62	171802	48.306	ug/l	100
5) Bromomethane	2.57	94	99133	43.932	ug/l	93
6) Chloroethane	2.71	64	93505	44.273	ug/l	99
7) Trichlorofluoromethane	3.02	101	236458	47.760	ug/l	97
8) Diethyl Ether	3.41	74	91380	46.917	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	152481	48.005	ug/l	100
10) Methyl Iodide	3.96	142	196019	47.562	ug/l	100
11) Tert butyl alcohol	4.77	59	55133	279.644	ug/l #	71
12) 1,1-Dichloroethene	3.74	96	136573	46.450	ug/l	100
13) Acrolein	3.61	56	62399	210.229	ug/l	98
14) Allyl chloride	4.33	41	260505	42.320	ug/l	87
15) Acrylonitrile	4.99	53	296152	244.402	ug/l	98
16) Acetone	3.82	43	290475	304.681	ug/l	100
17) Carbon Disulfide	4.06	76	403276	47.283	ug/l	99
18) Methyl Acetate	4.32	43	150782	46.916	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	407205	48.476	ug/l	99
20) Methylene Chloride	4.55	84	161542	46.072	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	149637	46.828	ug/l	98
22) Diisopropyl ether	5.95	45	584925	47.401	ug/l	98
23) Vinyl Acetate	5.90	43	2107891	248.942	ug/l	99
24) 1,1-Dichloroethane	5.85	63	303821	46.614	ug/l	99
25) 2-Butanone	6.83	43	411647	250.890	ug/l	99
26) 2,2-Dichloropropane	6.83	77	236631	49.708	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	171286	47.886	ug/l	97
28) Bromochloromethane	7.19	49	153644	47.707	ug/l	99
29) Tetrahydrofuran	7.21	42	254310	238.158	ug/l	99
30) Chloroform	7.37	83	297266	48.192	ug/l	98
31) Cyclohexane	7.65	56	295694	49.033	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	245718	48.872	ug/l	99
36) 1,1-Dichloropropene	7.79	75	232173	49.454	ug/l	99
37) Ethyl Acetate	6.93	43	171232	48.494	ug/l	100
38) Carbon Tetrachloride	7.78	117	218495	51.357	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	282195	52.699	ug/l	99
40) Benzene	8.04	78	662019	49.252	ug/l	99
41) Methacrylonitrile	7.18	41	87270	42.534	ug/l	94
42) 1,2-Dichloroethane	8.12	62	230374	48.849	ug/l	99
43) Isopropyl Acetate	8.16	43	311370	50.590	ug/l	99
44) Trichloroethene	8.84	130	164418	48.814	ug/l	99
45) 1,2-Dichloropropane	9.12	63	186922	49.778	ug/l	98
46) Dibromomethane	9.21	93	108449	50.279	ug/l	99
47) Bromodichloromethane	9.40	83	224581	50.254	ug/l	98
48) Methyl methacrylate	9.20	41	160691	49.551	ug/l	99
49) 1,4-Dioxane	9.20	88	30498	1169.885	ug/l	98
51) 4-Methyl-2-Pentanone	9.98	43	862977	253.893	ug/l	100
52) Toluene	10.16	92	400436	49.386	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	233513	52.951	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	270140	51.891	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	144565	49.328	ug/l	98
56) Ethyl methacrylate	10.43	69	201059	50.761	ug/l	99
57) 1,3-Dichloropropane	10.71	76	258984	49.365	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	570410	260.082	ug/l	99
59) 2-Hexanone	10.75	43	624815	261.858	ug/l	98
60) Dibromochloromethane	10.90	129	160981	54.153	ug/l	99
61) 1,2-Dibromoethane	11.00	107	145638	50.564	ug/l	99
64) Tetrachloroethene	10.63	164	147820	50.653	ug/l	98
65) Chlorobenzene	11.43	112	436027	49.370	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	154167	51.532	ug/l	98
67) Ethyl Benzene	11.51	91	791420	50.945	ug/l	98
68) m/p-Xylenes	11.62	106	587193	101.497	ug/l	100
69) o-Xylene	11.95	106	279628	50.591	ug/l	99
70) Styrene	11.96	104	467164	52.315	ug/l	99
71) Bromoform	12.13	173	96613	54.133	ug/l #	99
73) Isopropylbenzene	12.25	105	767670	48.635	ug/l	100
74) N-amyl acetate	12.07	43	289829	50.578	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	183336	47.379	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	241484	70.687	ug/l #	100
77) Bromobenzene	12.53	156	176825	47.859	ug/l	97
78) n-propylbenzene	12.59	91	924441	50.006	ug/l	100
79) 2-Chlorotoluene	12.67	91	520792	48.628	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	624043	49.713	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	53013	52.970	ug/l	94
82) 4-Chlorotoluene	12.77	91	538421	50.105	ug/l	99
83) tert-Butylbenzene	12.99	119	534957	48.814	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	633822	50.078	ug/l	100
85) sec-Butylbenzene	13.17	105	768312	51.122	ug/l	100
86) p-Isopropyltoluene	13.29	119	654279	52.038	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	322026	50.067	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	322770	50.127	ug/l	99
89) n-Butylbenzene	13.61	91	597014	53.326	ug/l	99
90) Hexachloroethane	13.87	117	114092	51.700	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	311044	49.553	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	27800	50.534	ug/l	98

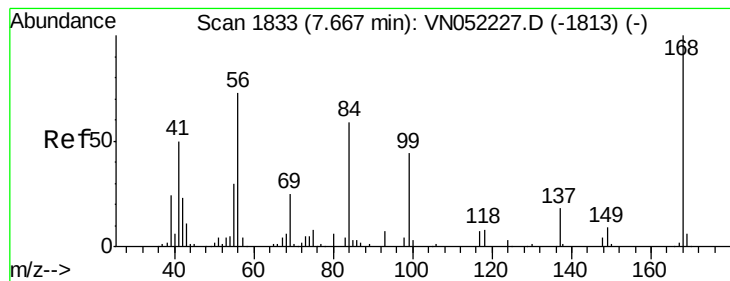
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	145380	58.571	ug/l	99
94) Hexachlorobutadiene	15.01	225	72657	53.869	ug/l	98
95) Naphthalene	15.13	128	333348	54.491	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	128704	54.843	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: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

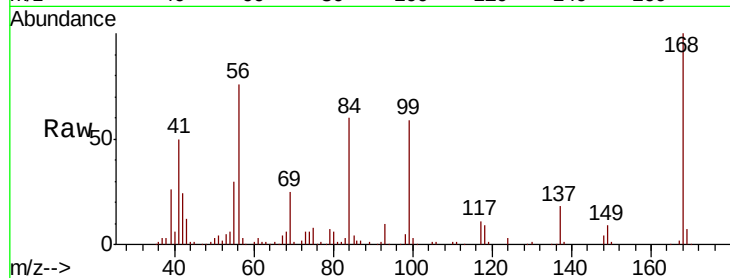
ClientSampled :

Tot Ion:168 Resp: 281237

Ion Ratio Lower Upper

168 100

99 59.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): VN052277.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN052277.D (-1813) (-)

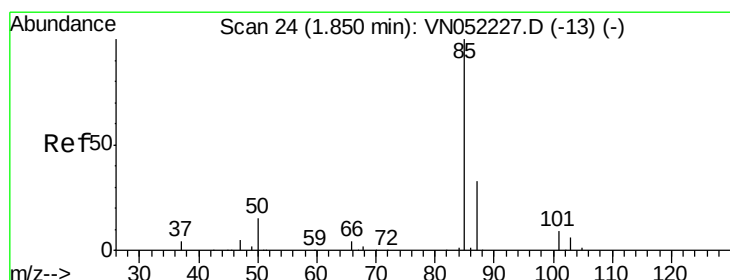
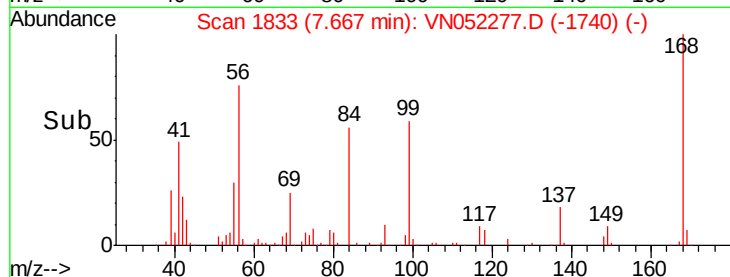
7.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.384 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052277.D

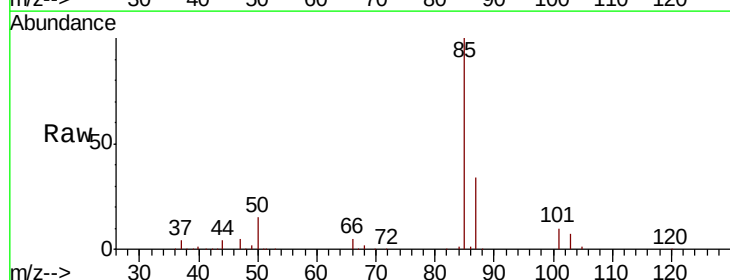
Acq: 13 Nov 2018 10:36

Tgt Ion: 85 Resp: 150992

Ion Ratio Lower Upper

85 100

87 33.5 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VN052277.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN052277.D (-13) (-)

1.85

120000

100000

80000

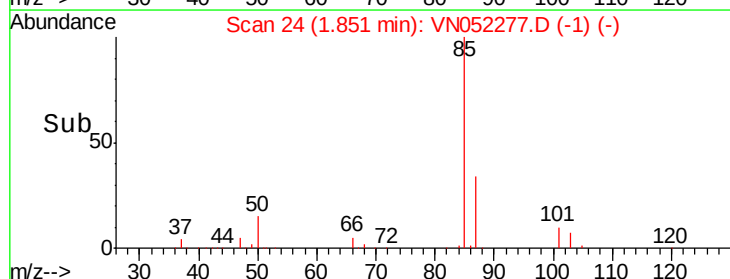
60000

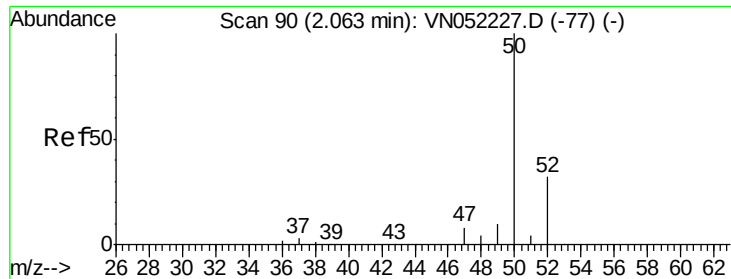
40000

20000

0

Time-->





#3

Chloromethane

Concen: 46.636 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

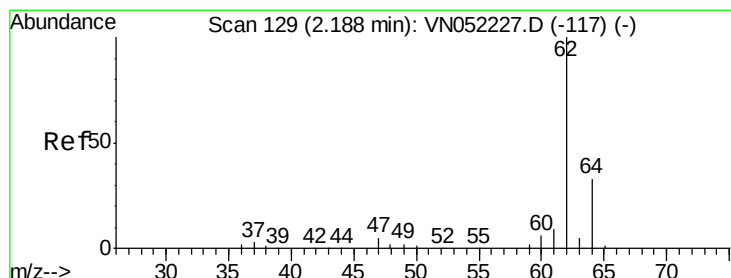
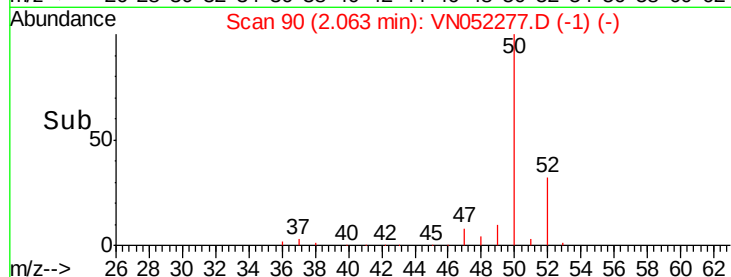
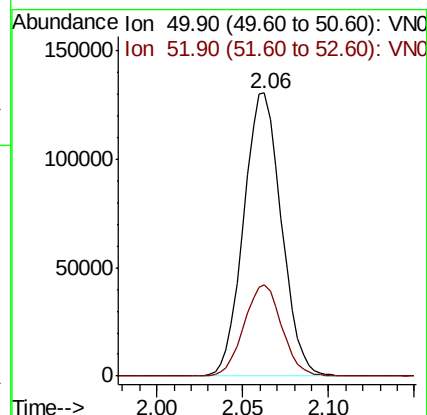
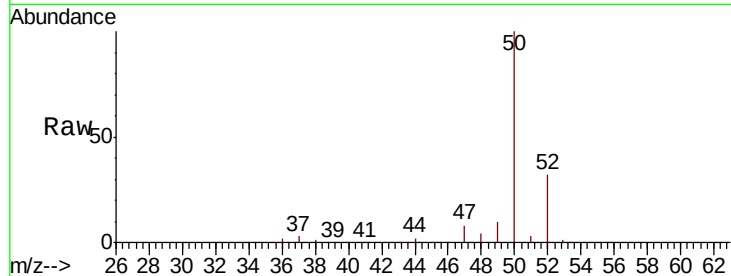
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 199075

Ion Ratio Lower Upper

50 100

52 32.2 25.7 38.5



#4

Vinyl Chloride

Concen: 48.306 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN052277.D

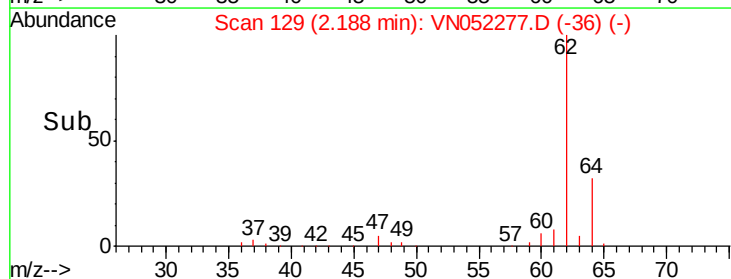
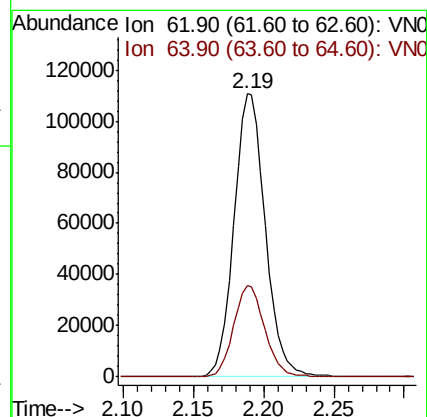
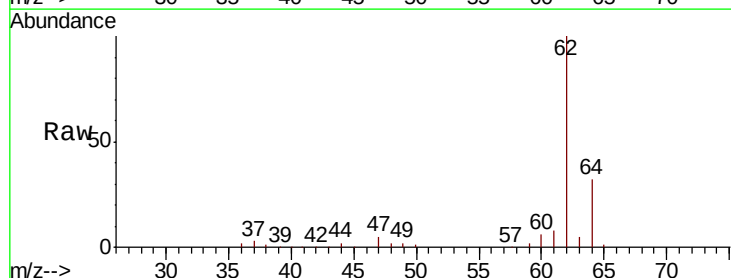
Acq: 13 Nov 2018 10:36

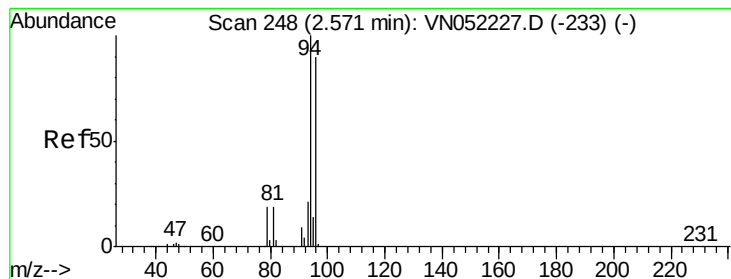
Tgt Ion: 62 Resp: 171802

Ion Ratio Lower Upper

62 100

64 32.5 26.1 39.1





#5

Bromomethane

Concen: 43.932 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

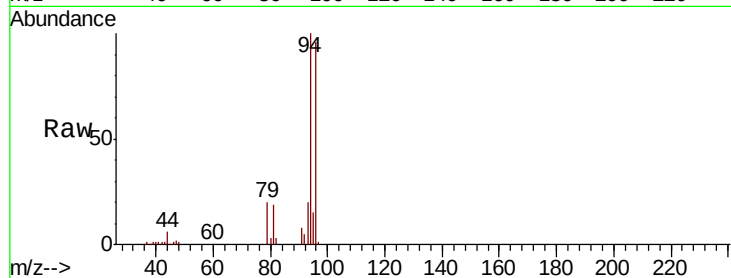
ClientSampled :

Tot Ion: 94 Resp: 99133

Ion Ratio Lower Upper

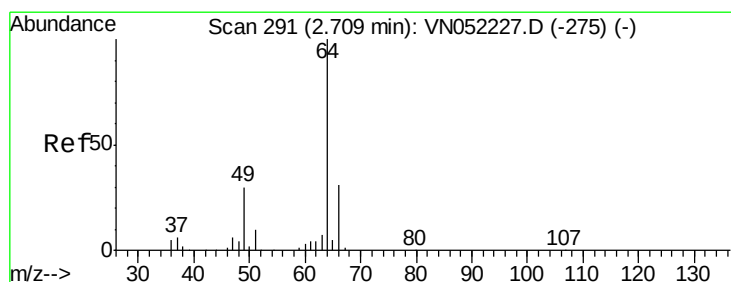
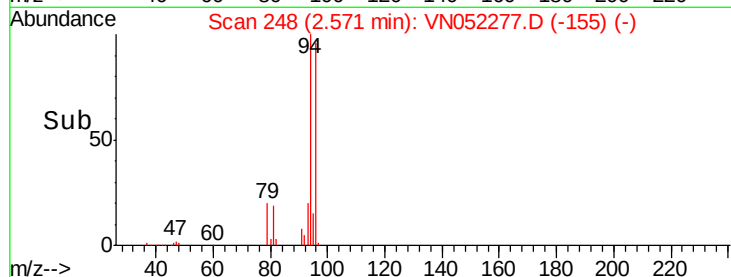
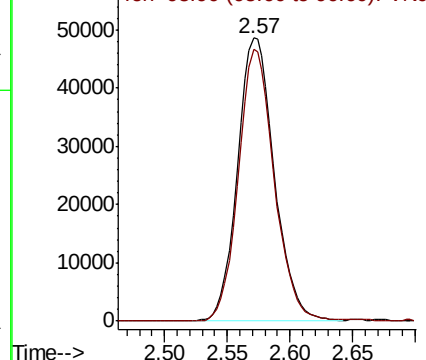
94 100

96 95.9 71.8 107.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 44.273 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052277.D

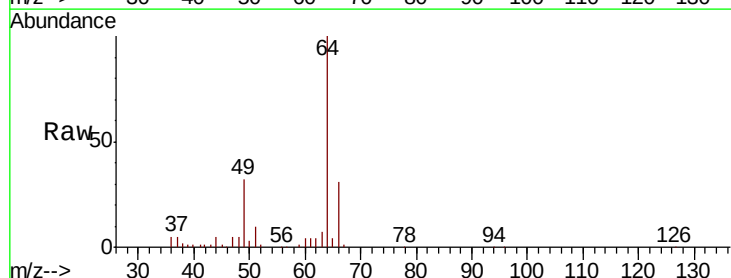
Acq: 13 Nov 2018 10:36

Tgt Ion: 64 Resp: 93505

Ion Ratio Lower Upper

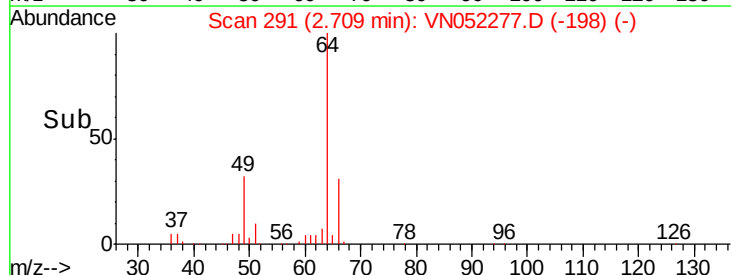
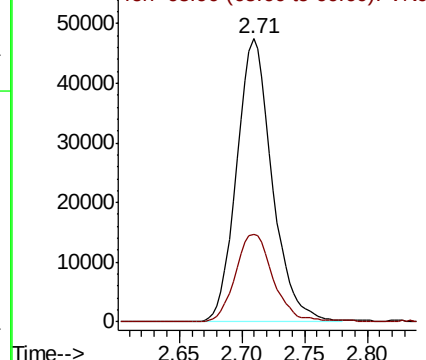
64 100

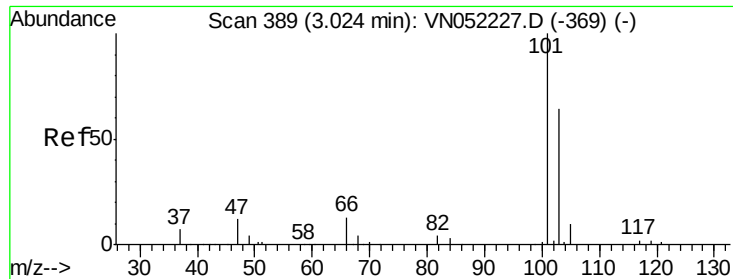
66 31.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



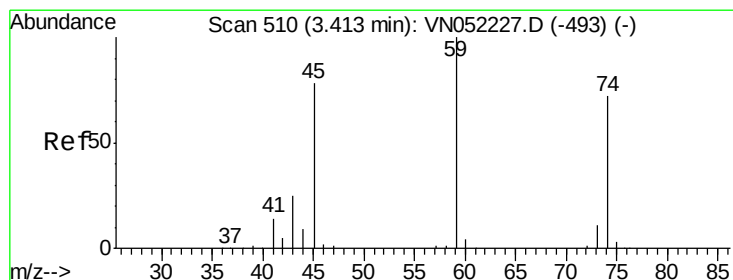
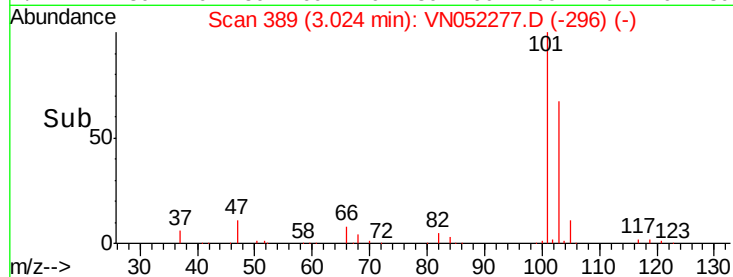
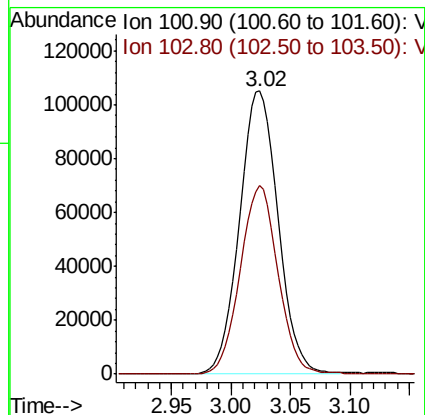
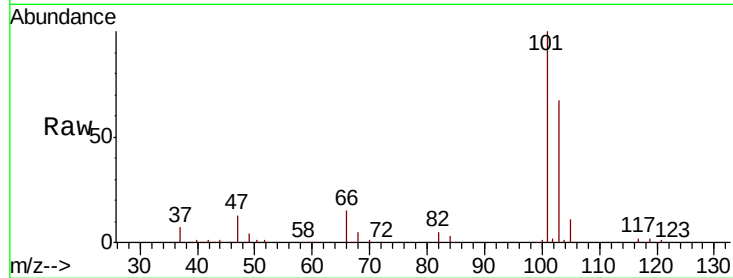


#7

Trichlorofluoromethane
 Concen: 47.760 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Instrument :
 MSVOA_N
 ClientSampled :

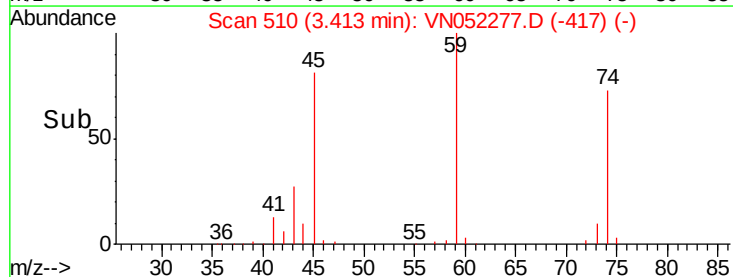
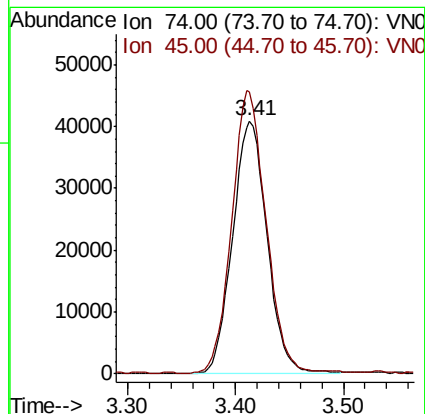
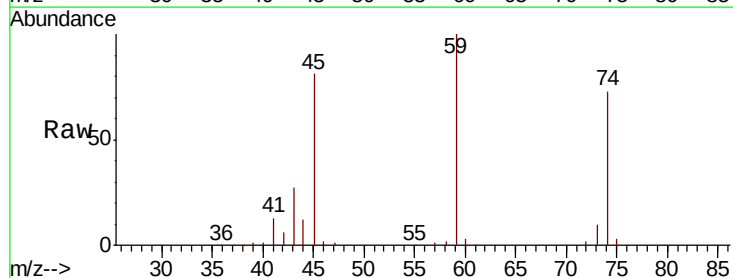
Tot Ion:101 Resp: 236458
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.2 76.8

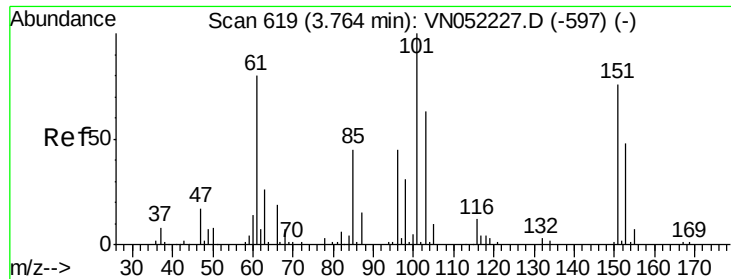


#8

Diethyl Ether
 Concen: 46.917 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion: 74 Resp: 91380
 Ion Ratio Lower Upper
 74 100
 45 111.3 55.5 166.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.005 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

ClientSampleId :

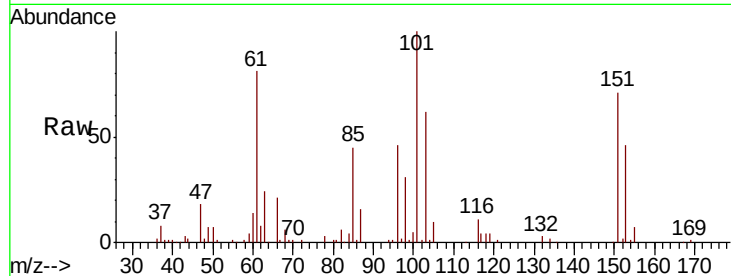
Tot Ion:101 Resp: 152481

Ion Ratio Lower Upper

101 100

85 45.6 36.2 54.4

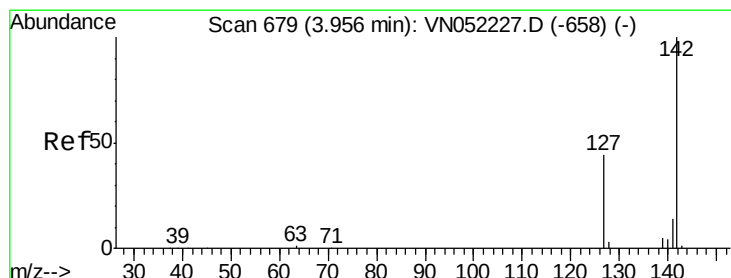
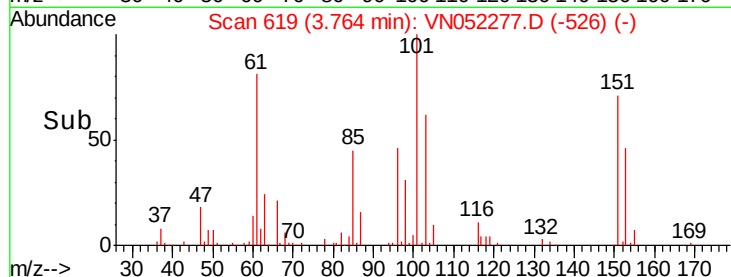
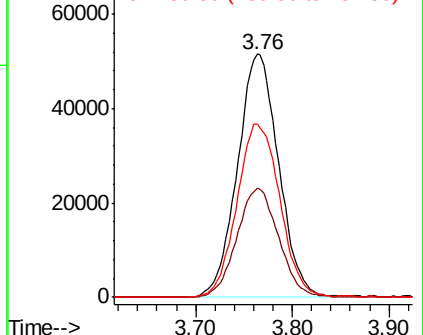
151 74.2 59.2 88.8



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: 47.562 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

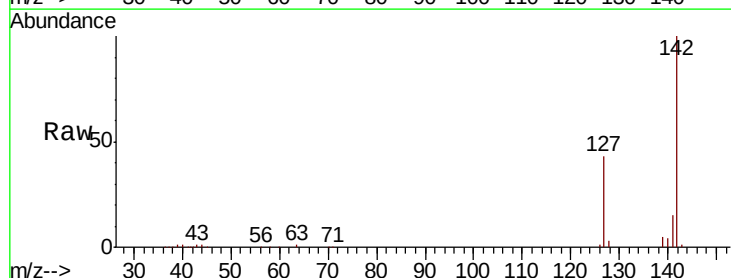
Tgt Ion:142 Resp: 196019

Ion Ratio Lower Upper

142 100

127 44.4 35.3 52.9

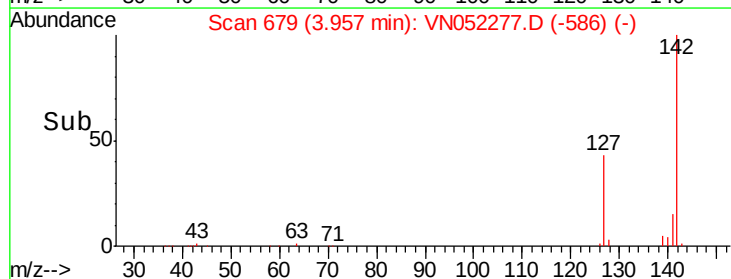
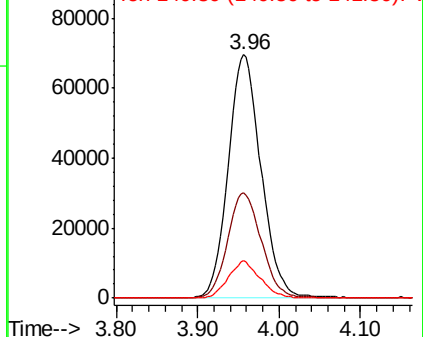
141 14.7 11.8 17.6

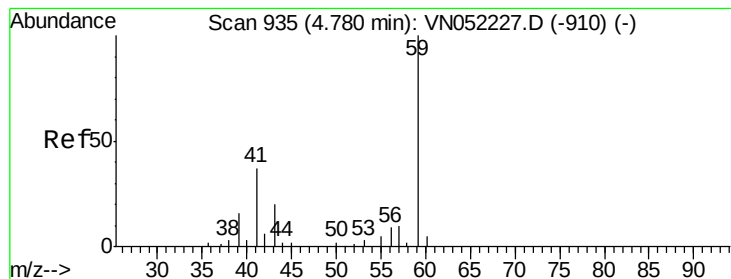


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



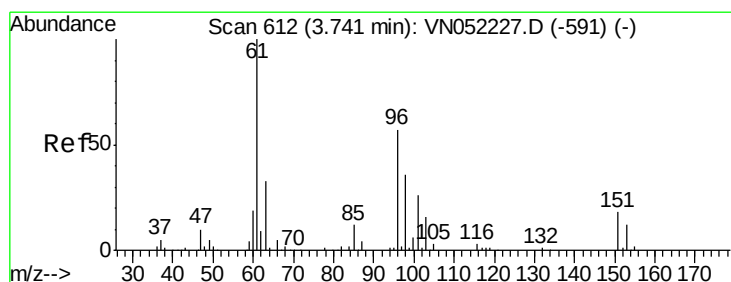
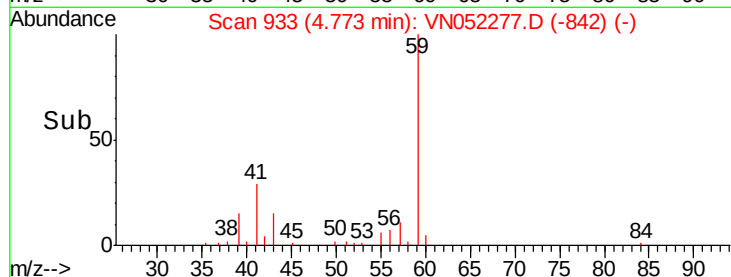
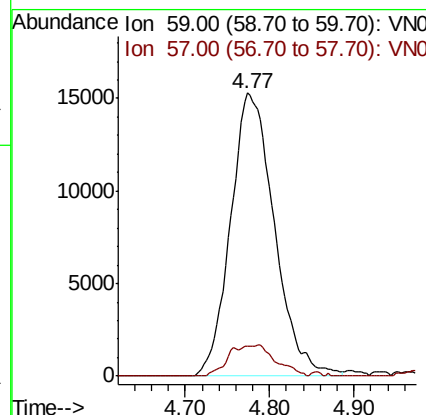
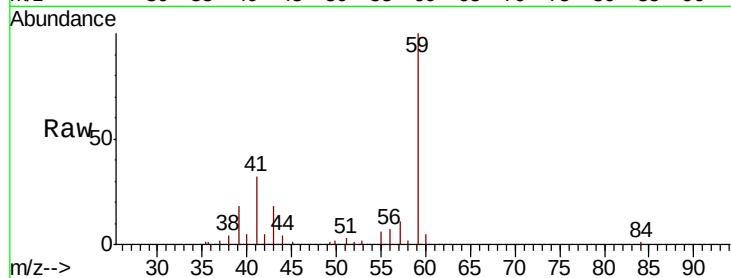


#11

Tert butyl alcohol
 Concen: 279.644 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Instrument :
 MSVOA_N
 ClientSampleId :

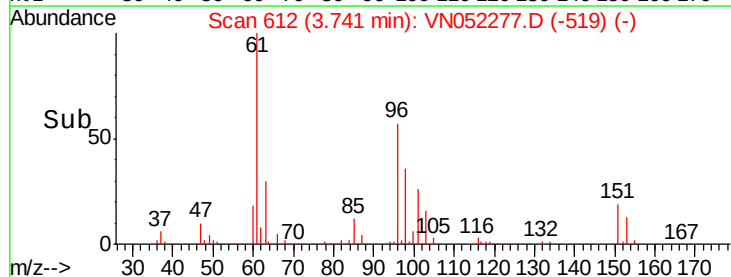
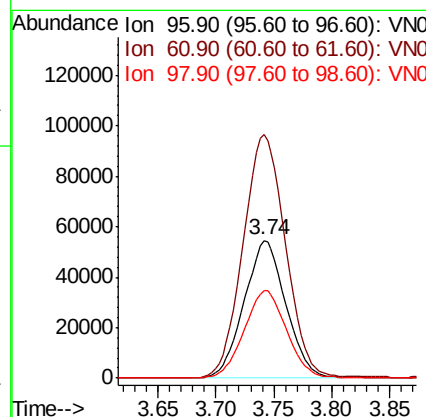
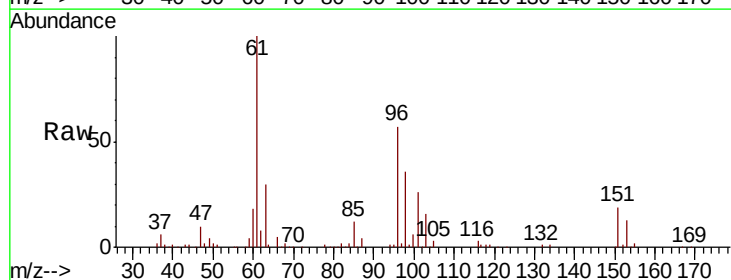
Tot Ion: 59 Resp: 55133
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

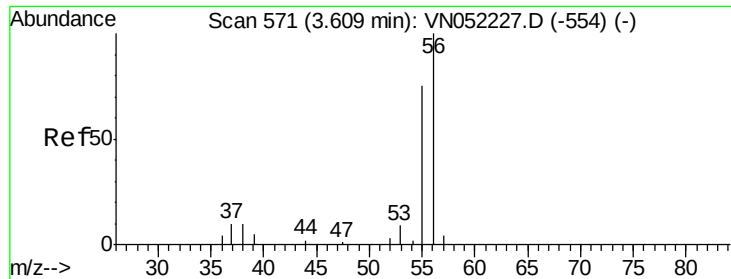


#12

1,1-Dichloroethene
 Concen: 46.450 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion: 96 Resp: 136573
 Ion Ratio Lower Upper
 96 100
 61 176.7 141.1 211.7
 98 63.3 50.3 75.5

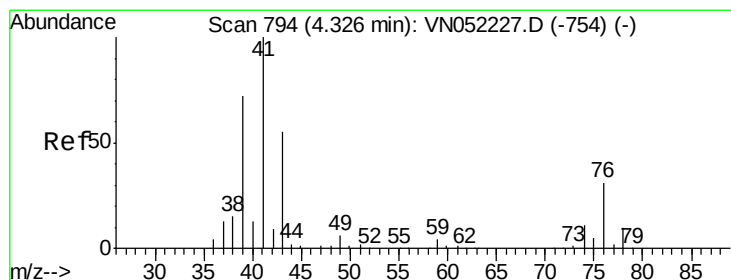
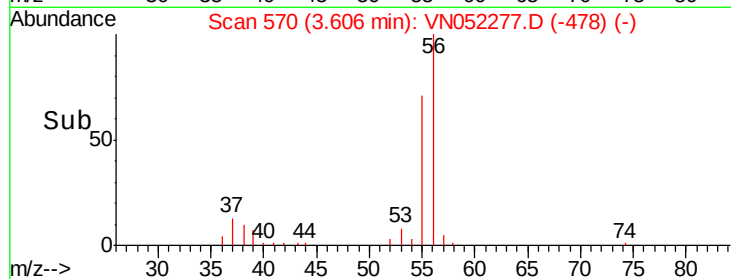
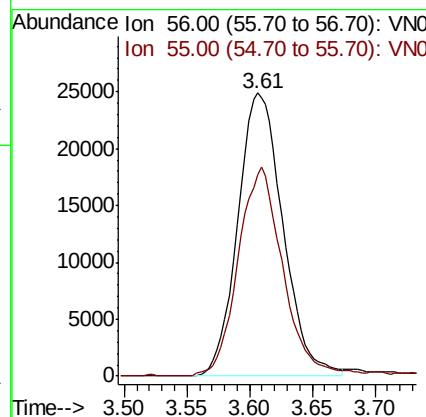
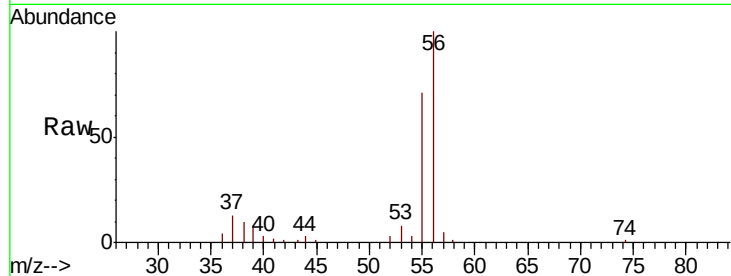




#13
Acrolein
Concen: 210.229 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

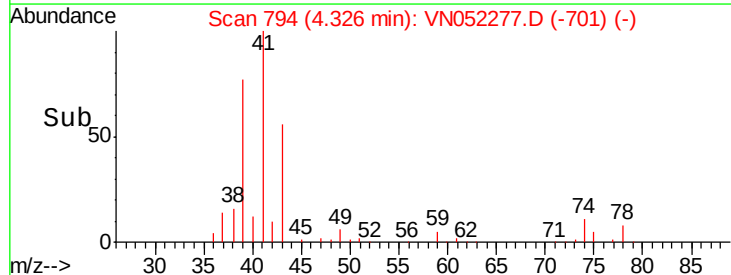
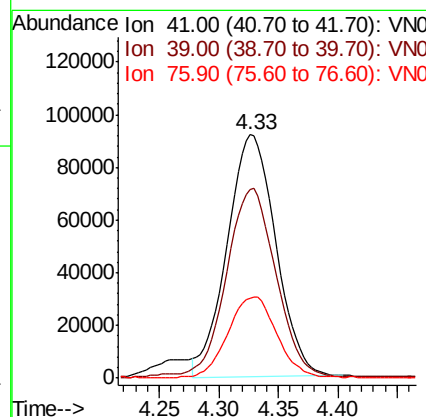
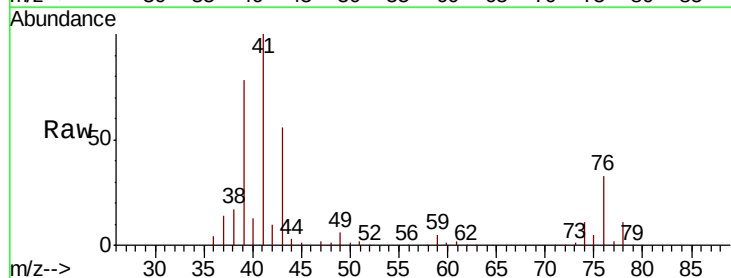
Instrument :
MSVOA_N
ClientSampled :

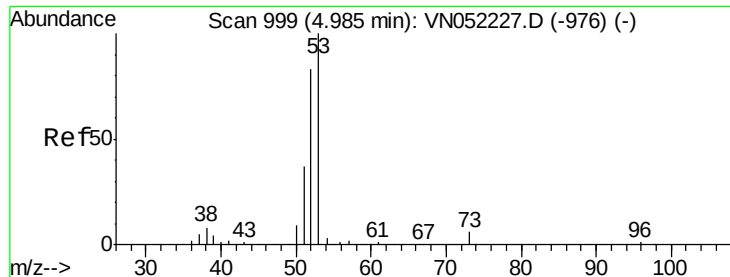
Tot Ion: 56 Resp: 62399
Ion Ratio Lower Upper
56 100
55 73.1 59.9 89.9



#14
Allyl chloride
Concen: 42.320 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion: 41 Resp: 260505
Ion Ratio Lower Upper
41 100
39 81.2 55.1 82.7
76 33.2 23.6 35.4





#15

Acrylonitrile

Concen: 244.402 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

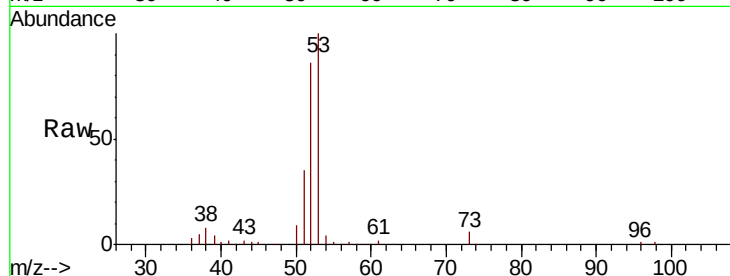
Tot Ion: 53 Resp: 296152

Ion Ratio Lower Upper

53 100

52 84.6 66.7 100.1

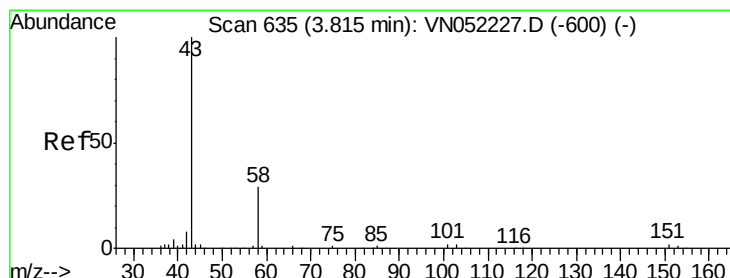
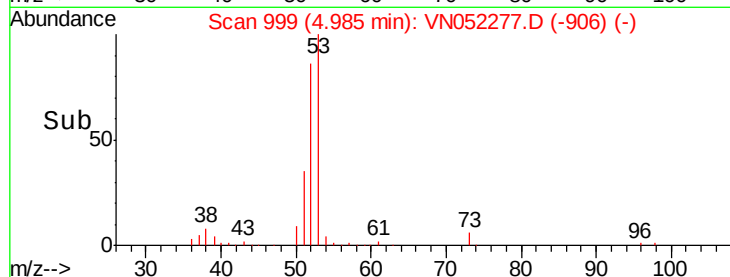
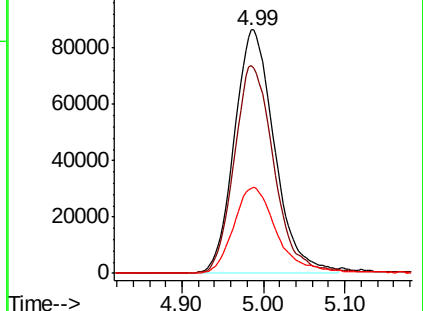
51 37.9 29.4 44.0



Abundance Ion 53.00 (52.70 to 53.70): VN052277.D (-976) (-)

Ion 52.00 (51.70 to 52.70): VN052277.D (-976) (-)

Ion 51.00 (50.70 to 51.70): VN052277.D (-976) (-)



#16

Acetone

Concen: 304.681 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN052277.D

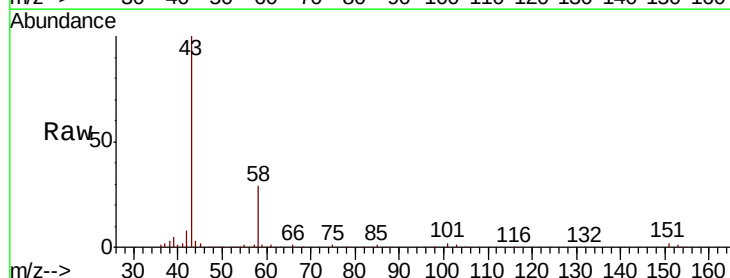
Acq: 13 Nov 2018 10:36

Tgt Ion: 43 Resp: 290475

Ion Ratio Lower Upper

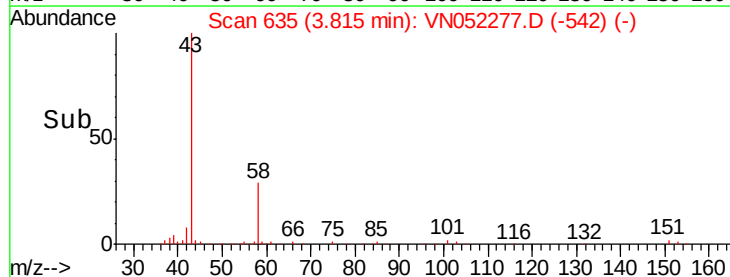
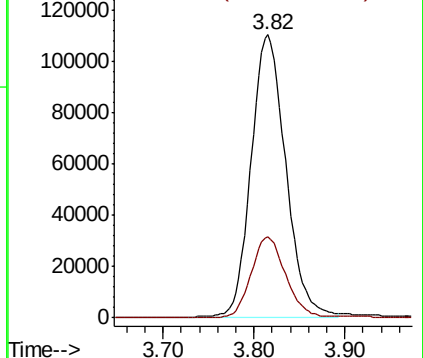
43 100

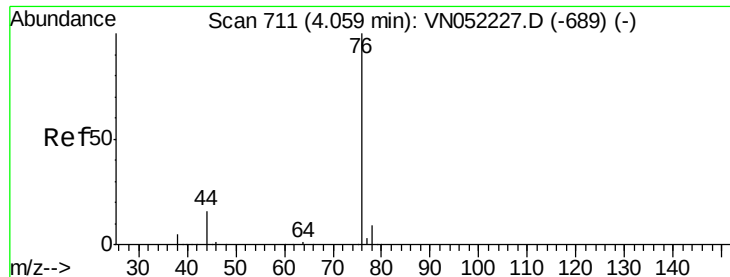
58 28.9 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VN052277.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052277.D (-542) (-)





#17

Carbon Disulfide

Concen: 47.283 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

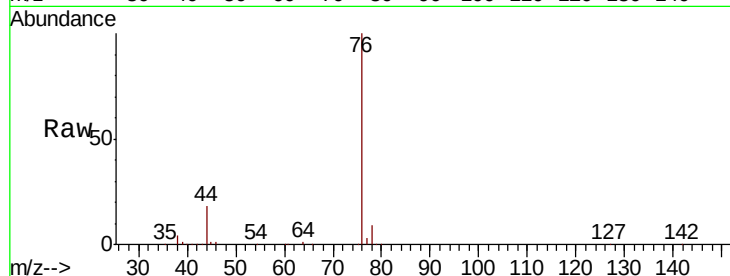
ClientSampleId :

Tot Ion: 76 Resp: 403276

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

4.06

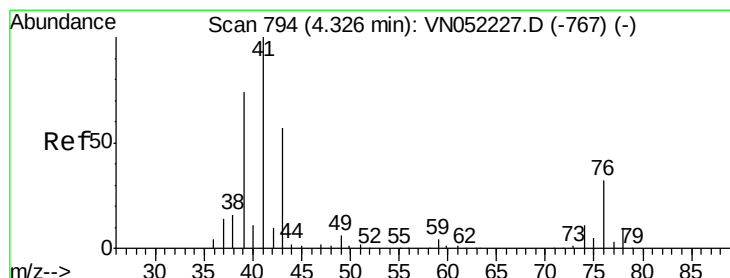
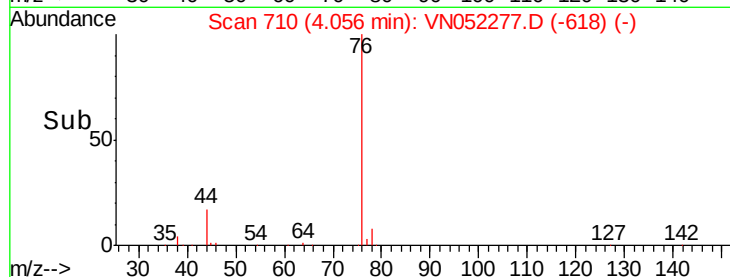
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 46.916 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN052277.D

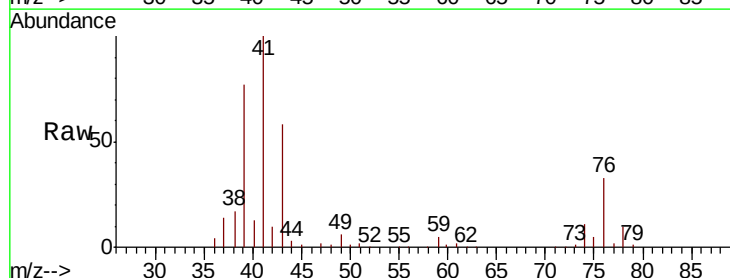
Acq: 13 Nov 2018 10:36

Tgt Ion: 43 Resp: 150782

Ion Ratio Lower Upper

43 100

74 19.7 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

4.32

60000

50000

40000

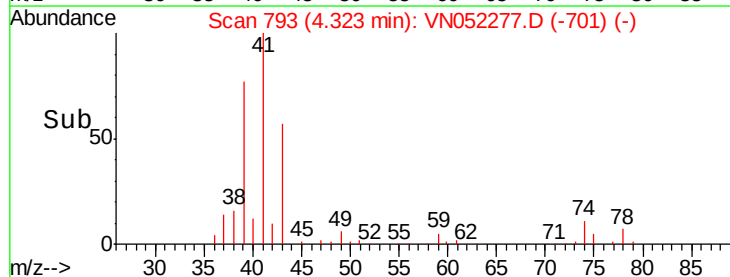
30000

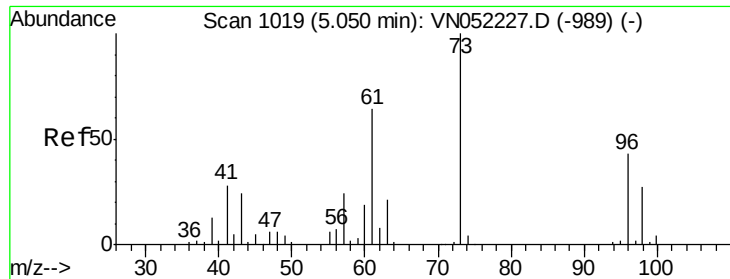
20000

10000

0

Time-->

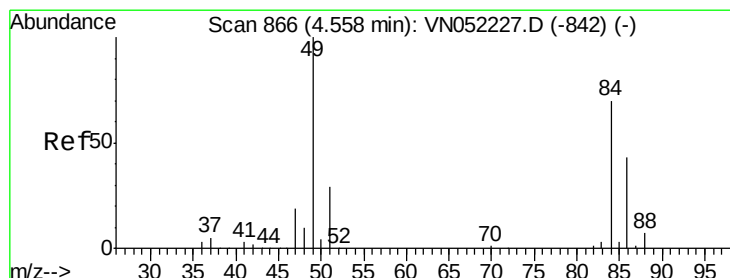
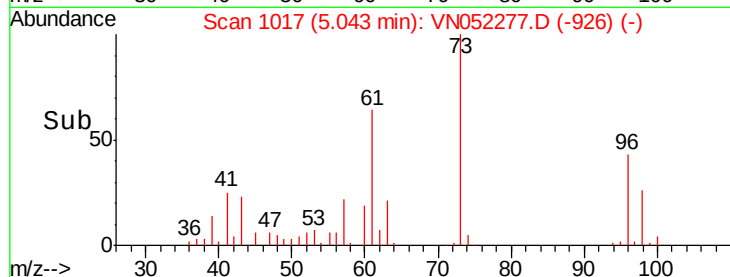
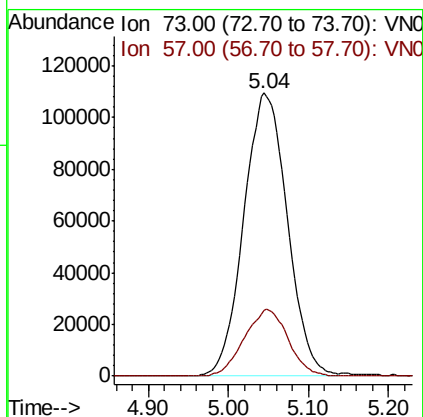
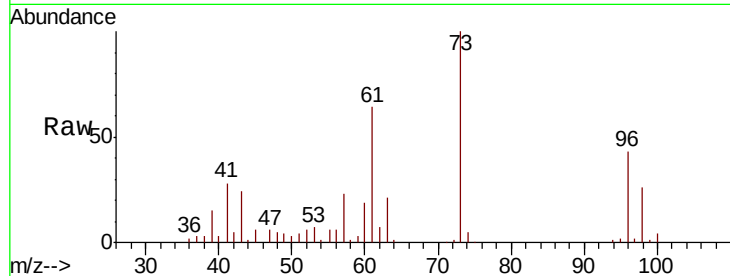




#19
Methyl tert-butyl Ether
Concen: 48.476 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

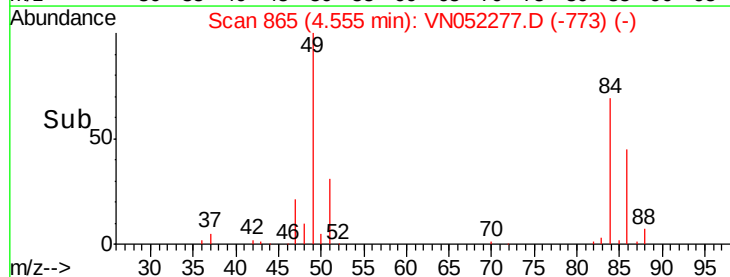
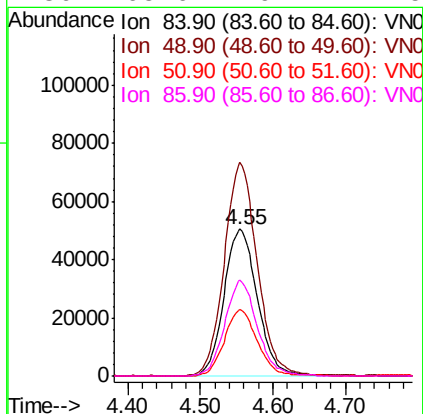
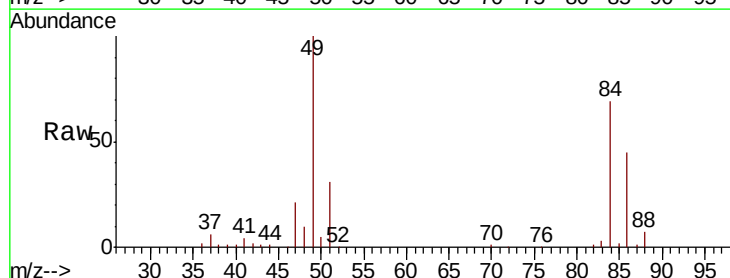
Instrument :
MSVOA_N
ClientSampled :

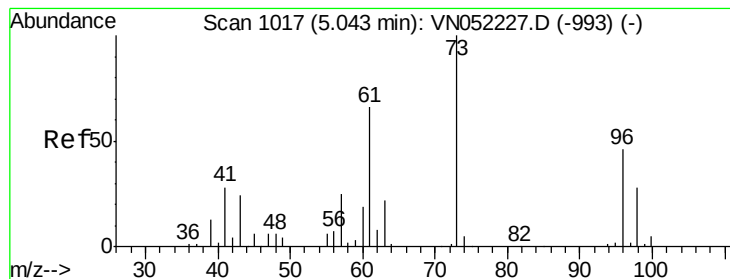
Tot Ion: 73 Resp: 407205
Ion Ratio Lower Upper
73 100
57 23.2 19.1 28.7



#20
Methylene Chloride
Concen: 46.072 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion: 84 Resp: 161542
Ion Ratio Lower Upper
84 100
49 144.8 114.8 172.2
51 45.0 33.1 49.7
86 65.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 46.828 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :
MSVOA_N
ClientSampled :

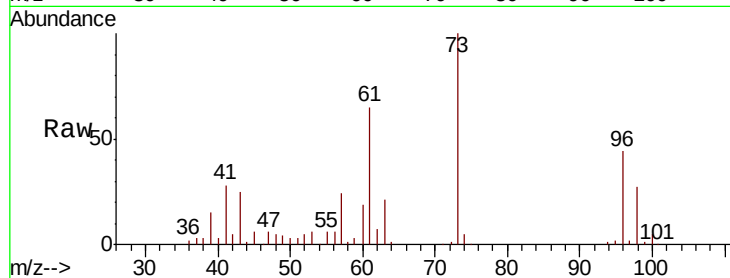
Tot Ion: 96 Resp: 149637

Ion Ratio Lower Upper

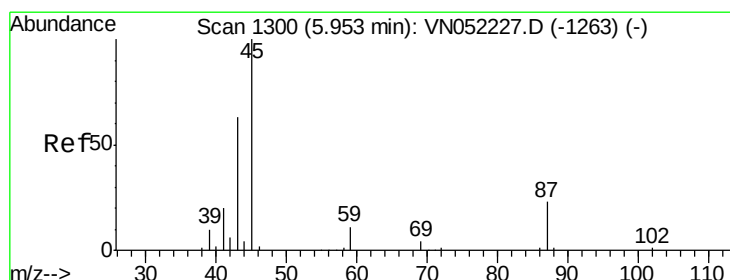
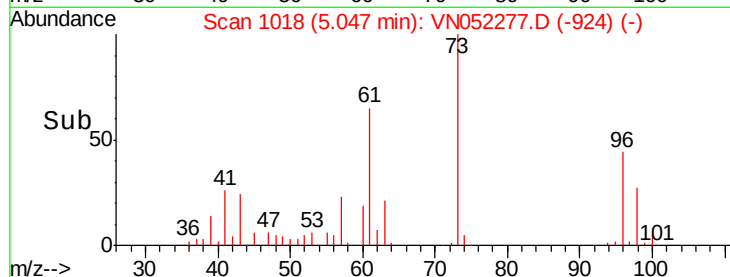
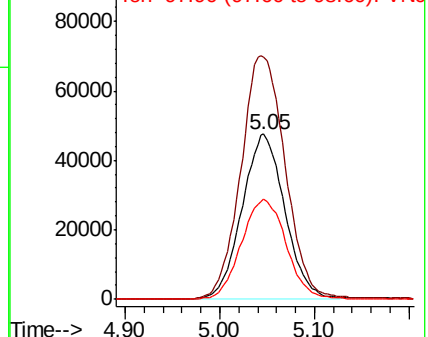
96 100

61 147.0 115.3 172.9

98 60.5 49.5 74.3



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 47.401 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Tgt Ion: 45 Resp: 584925

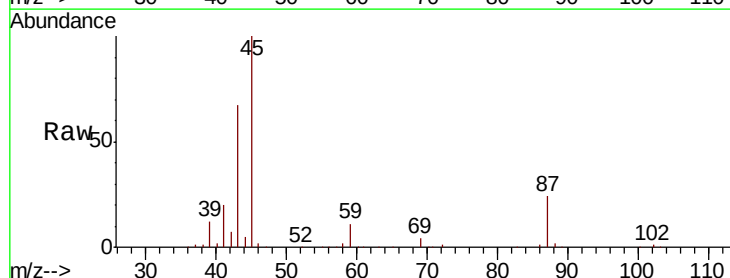
Ion Ratio Lower Upper

45 100

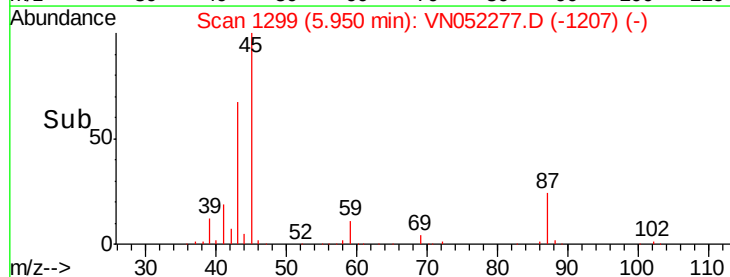
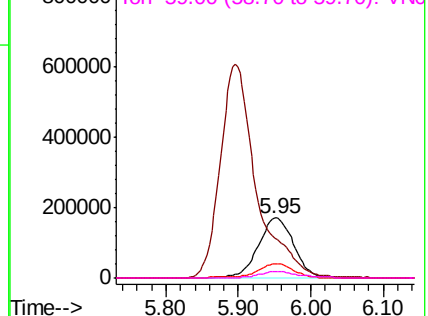
43 66.0 50.6 76.0

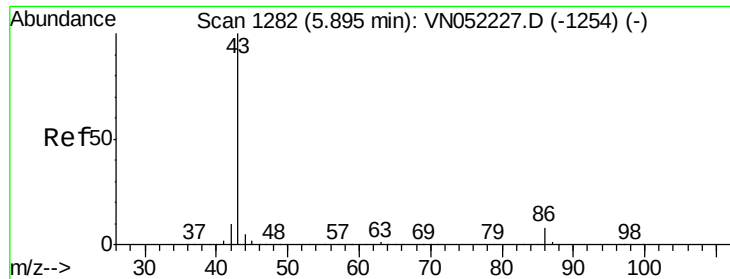
87 23.9 19.0 28.4

59 10.3 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 248.942 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

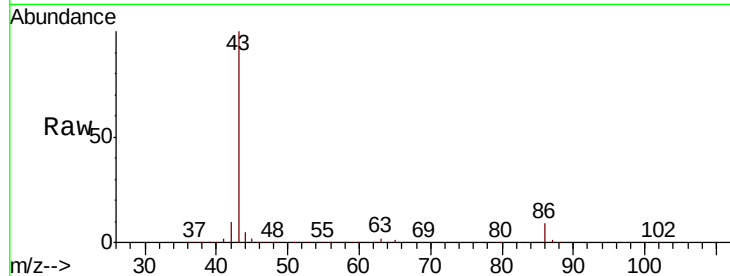
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 2107891

Ion Ratio Lower Upper

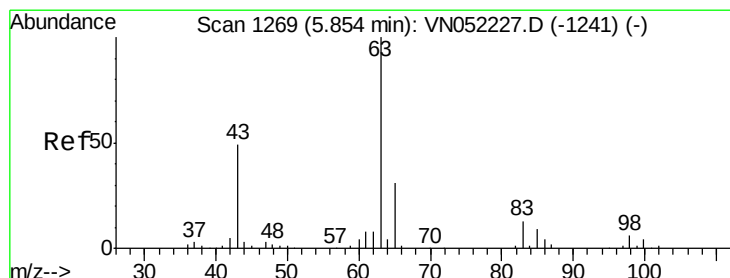
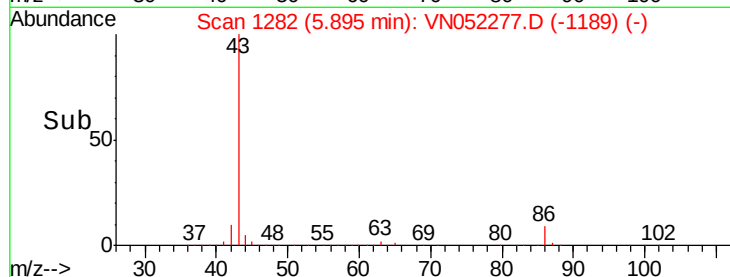
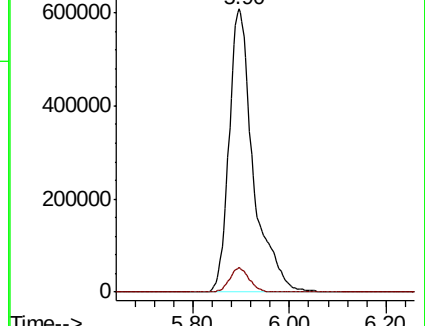
43 100

86 8.7 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 46.614 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

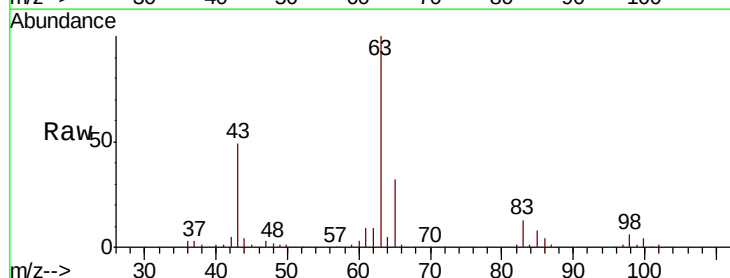
Tgt Ion: 63 Resp: 303821

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.6

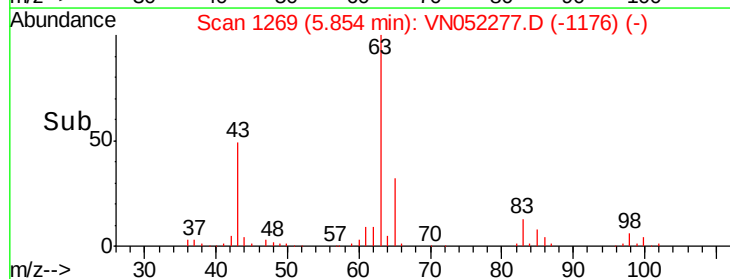
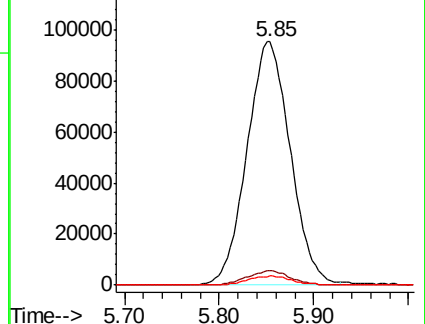
100 3.7 2.1 6.2

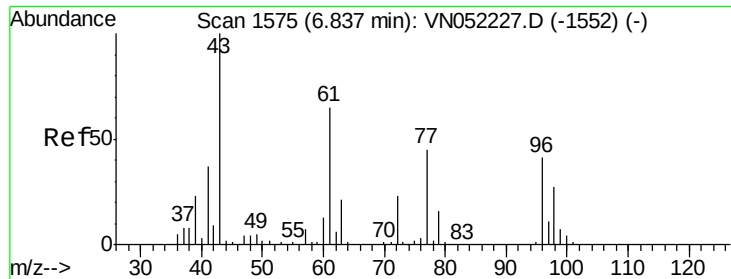


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

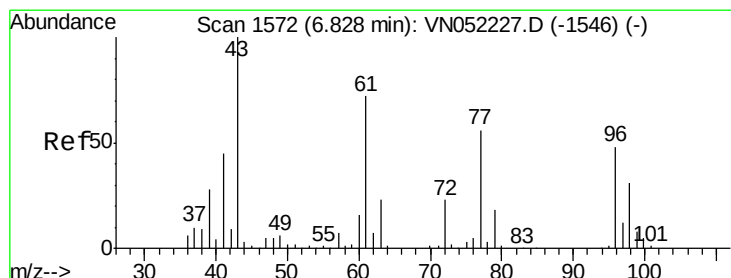
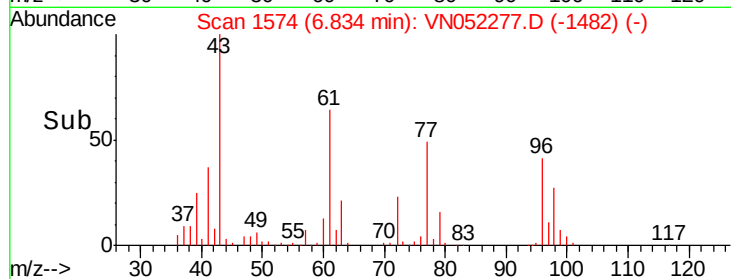
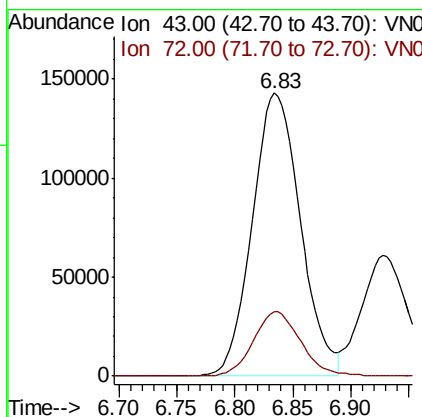
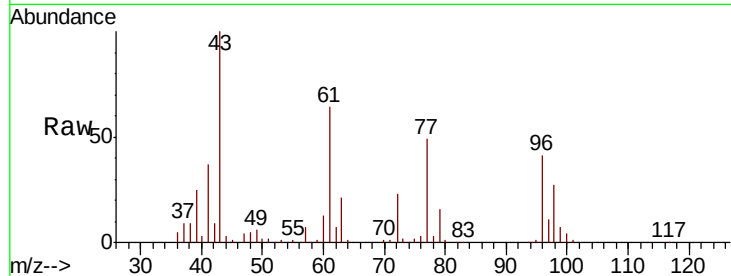




#25
2-Butanone
Concen: 250.890 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

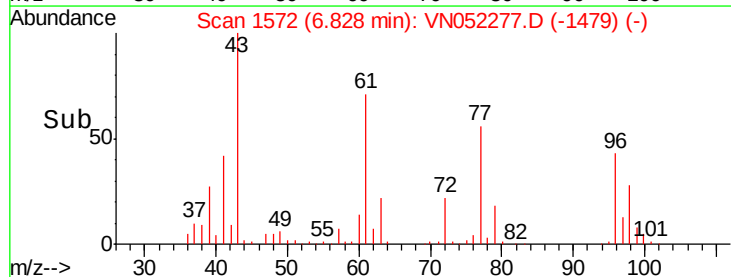
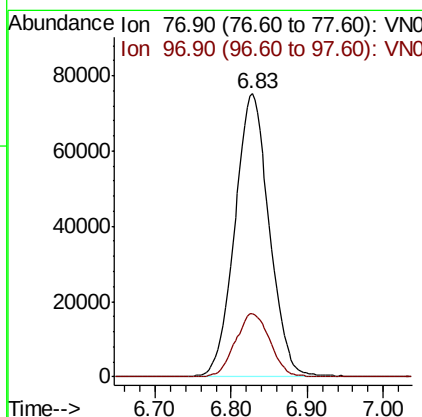
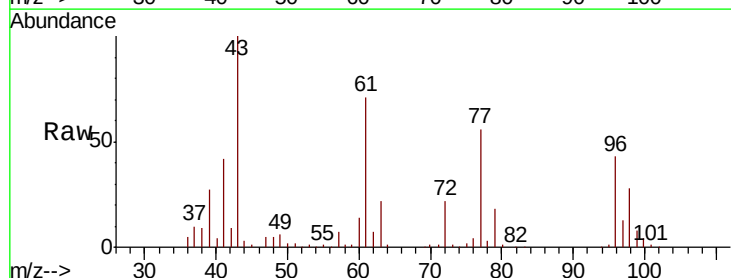
Instrument :
MSVOA_N
ClientSampled :

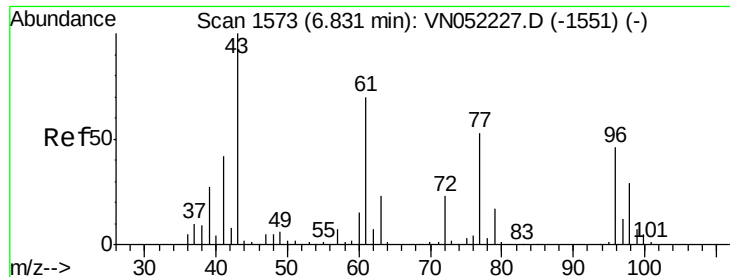
Tot Ion: 43 Resp: 411647
Ion Ratio Lower Upper
43 100
72 22.7 18.6 27.8



#26
2,2-Dichloropropane
Concen: 49.708 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion: 77 Resp: 236631
Ion Ratio Lower Upper
77 100
97 22.6 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 47.886 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :
MSVOA_N
ClientSampled :

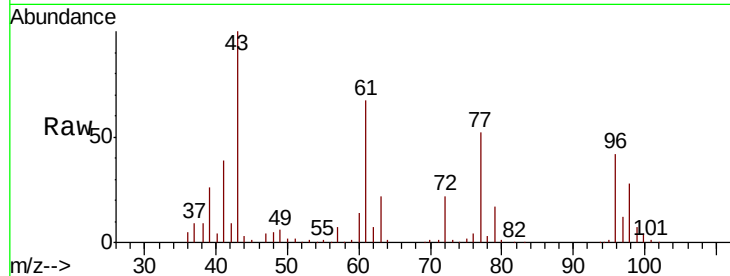
Tot Ion: 96 Resp: 171286

Ion Ratio Lower Upper

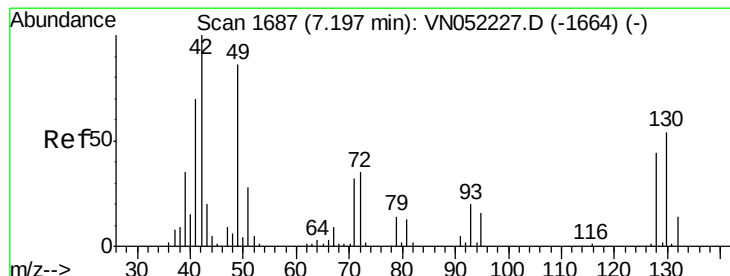
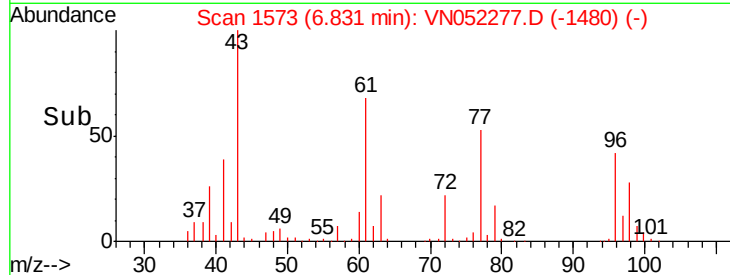
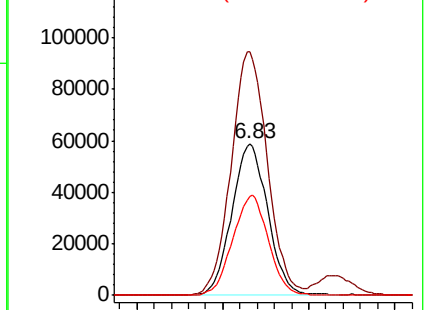
96 100

61 161.7 0.0 313.4

98 65.2 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.707 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

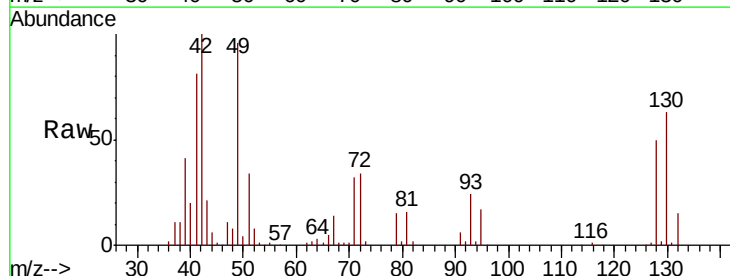
Tgt Ion: 49 Resp: 153644

Ion Ratio Lower Upper

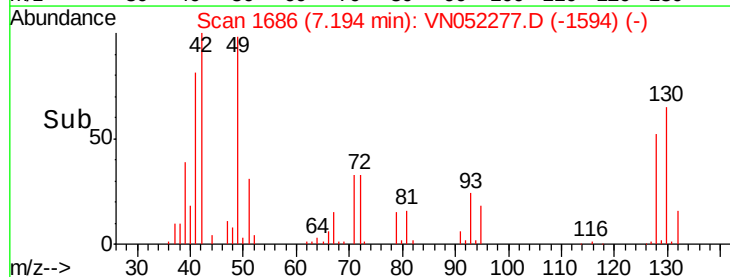
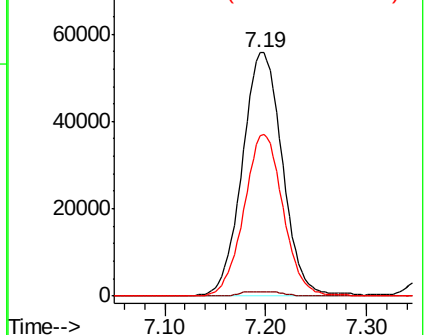
49 100

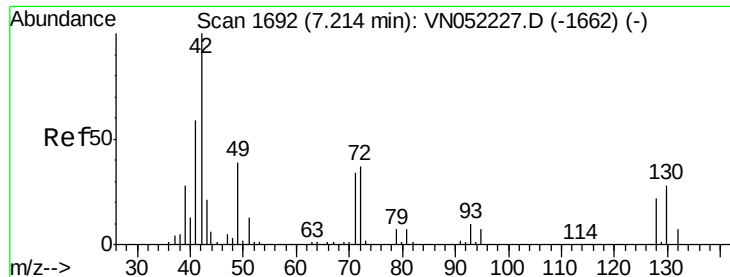
129 1.0 0.0 3.8

130 64.7 51.4 77.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

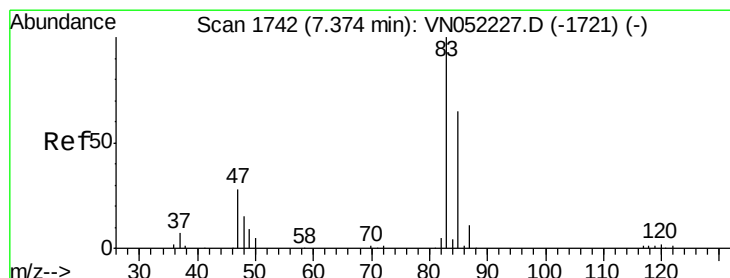
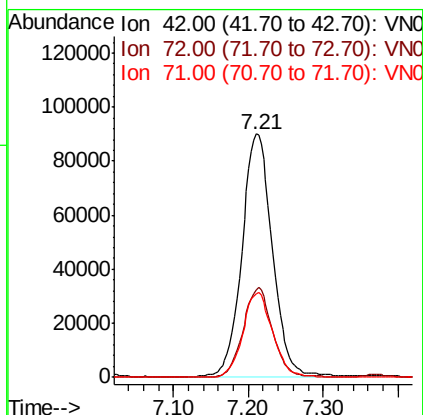
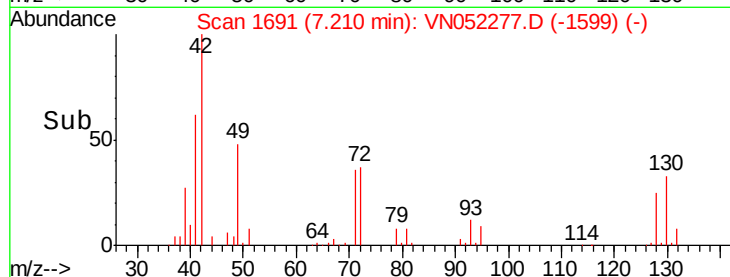
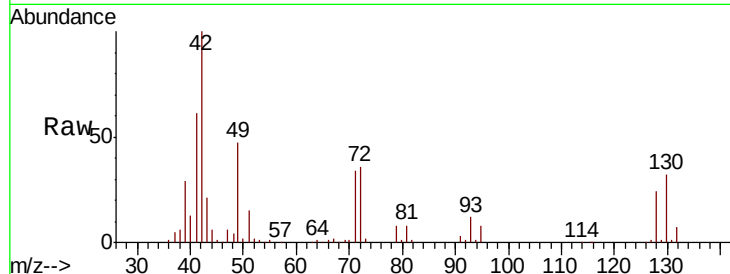




#29
Tetrahydrofuran
Concen: 238.158 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

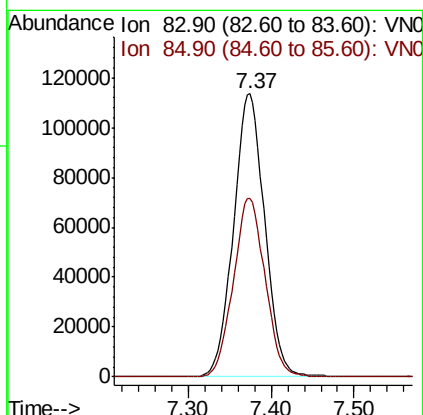
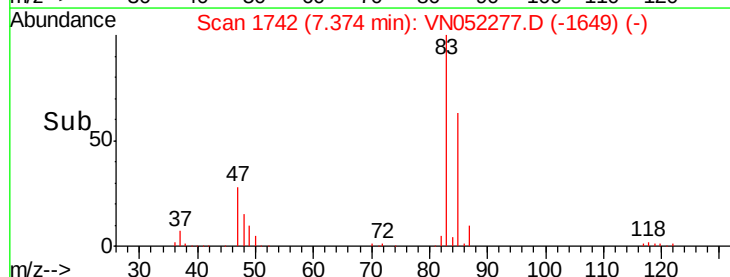
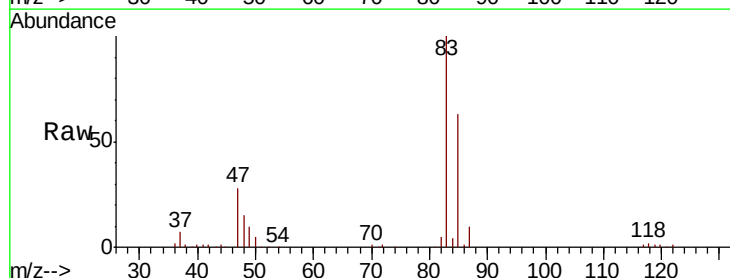
Instrument :
MSVOA_N
ClientSampled :

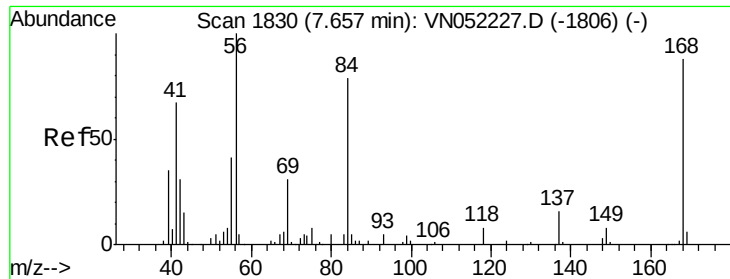
Tot Ion: 42 Resp: 254310
Ion Ratio Lower Upper
42 100
72 35.4 28.6 43.0
71 34.2 27.1 40.7



#30
Chloroform
Concen: 48.192 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion: 83 Resp: 297266
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.6

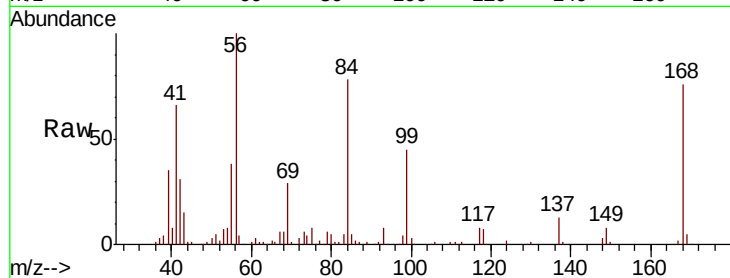




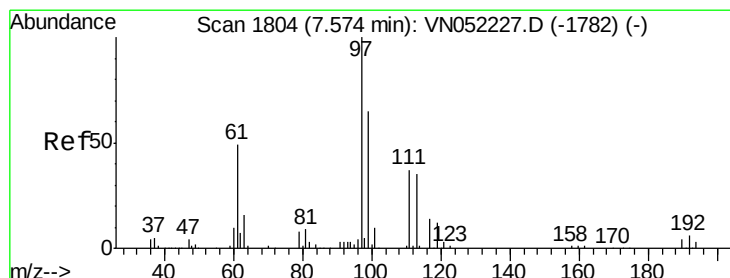
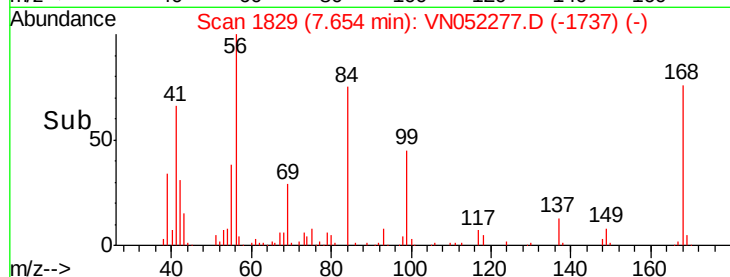
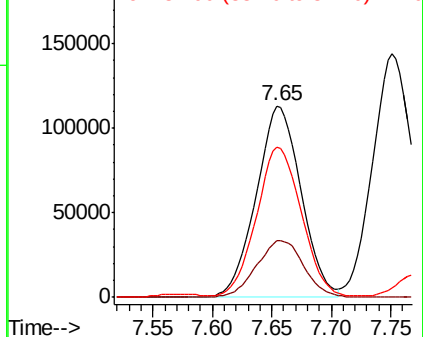
#31
Cyclohexane
Concen: 49.033 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 295694
Ion Ratio Lower Upper
56 100
69 29.4 24.8 37.2
84 76.8 63.1 94.7

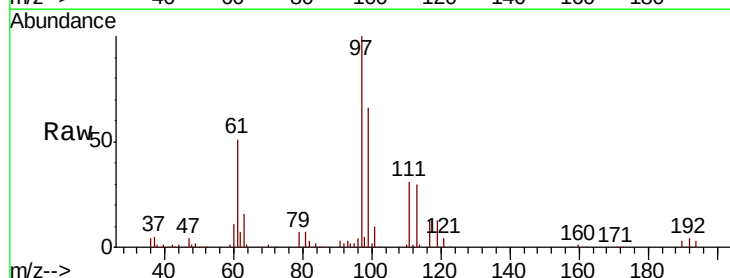


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

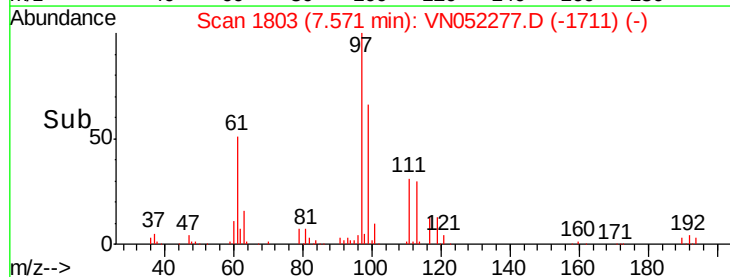
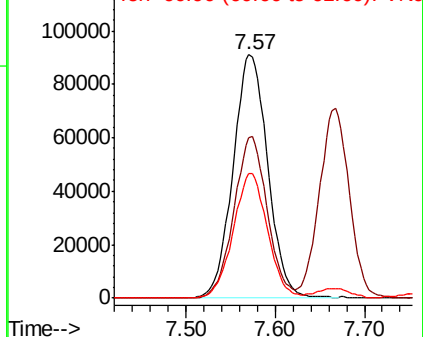


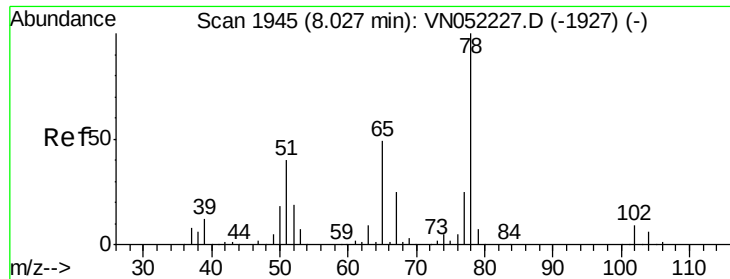
#32
1,1,1-Trichloroethane
Concen: 48.872 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion: 97 Resp: 245718
Ion Ratio Lower Upper
97 100
99 64.0 51.9 77.9
61 50.8 40.2 60.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

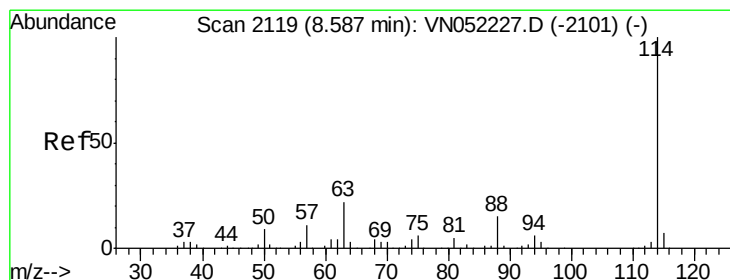
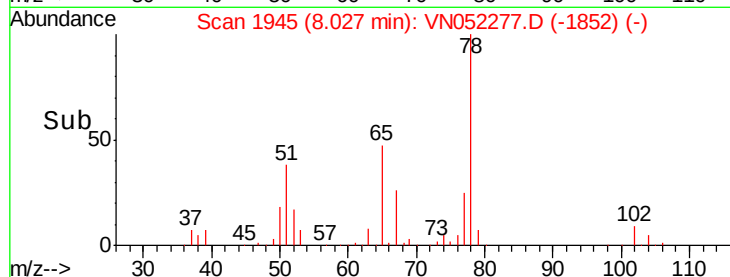
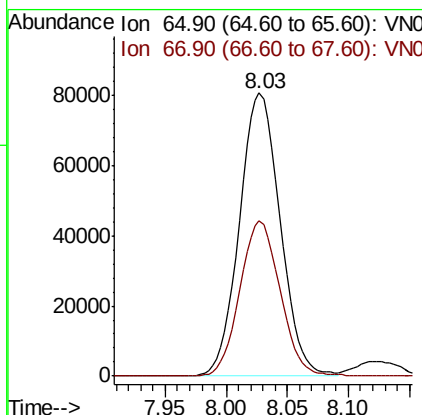
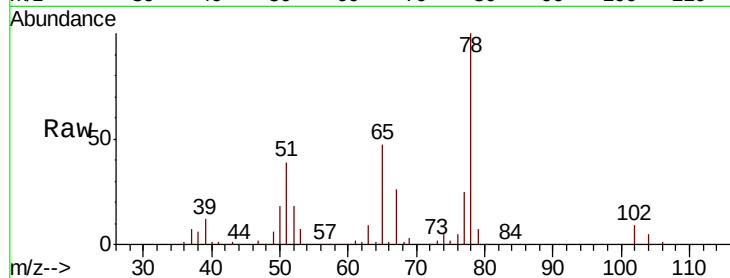




#33
 1,2-Dichloroethane-d4
 Concen: 48.872 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

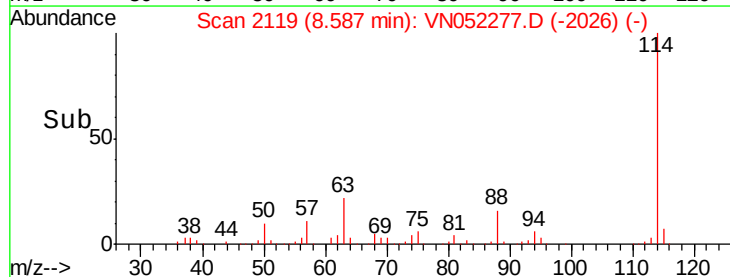
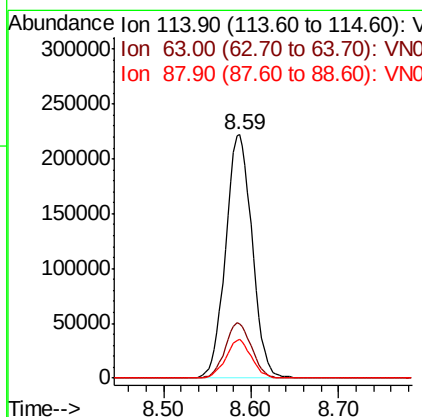
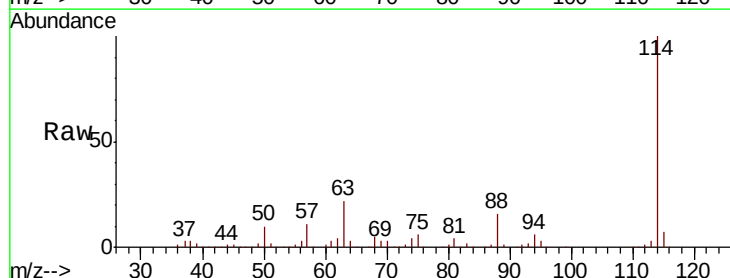
Instrument :
 MSVOA_N
 ClientSampled :

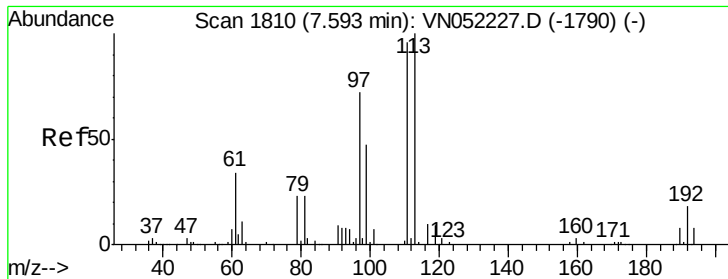
Tot Ion: 65 Resp: 186378
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion: 114 Resp: 465122
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 15.7 0.0 30.2

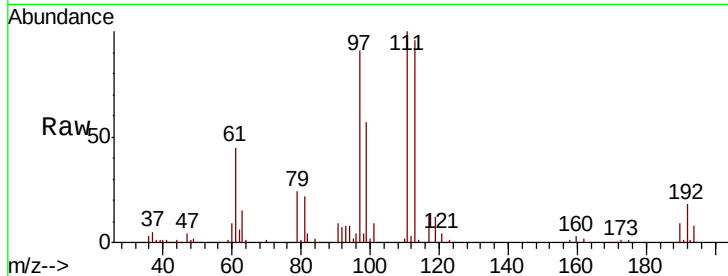




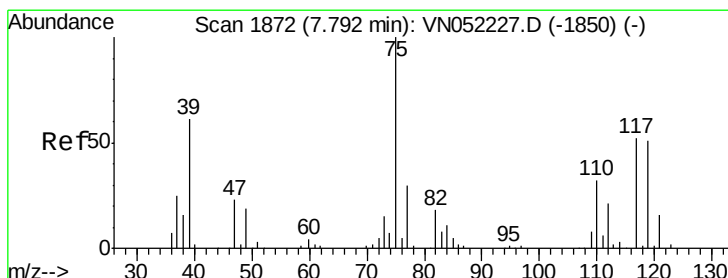
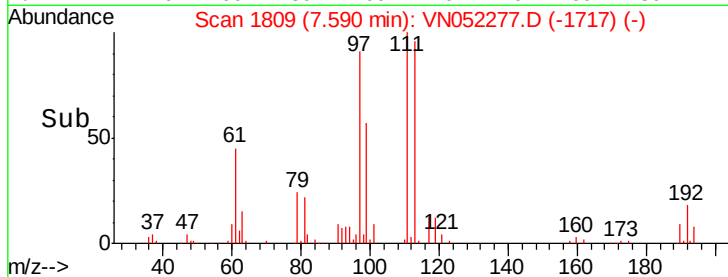
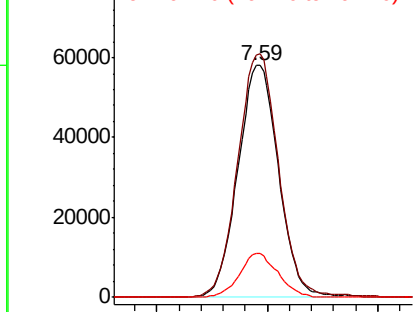
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 148049
 Ion Ratio Lower Upper
 113 100
 111 106.1 80.2 120.4
 192 18.1 14.1 21.1

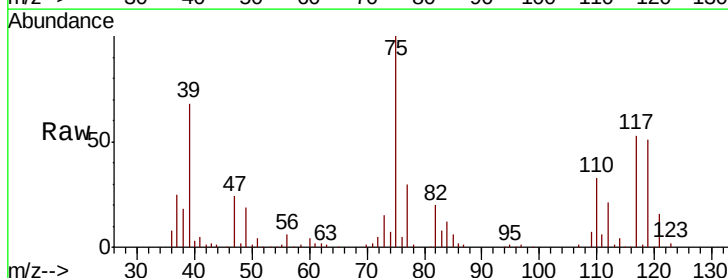


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

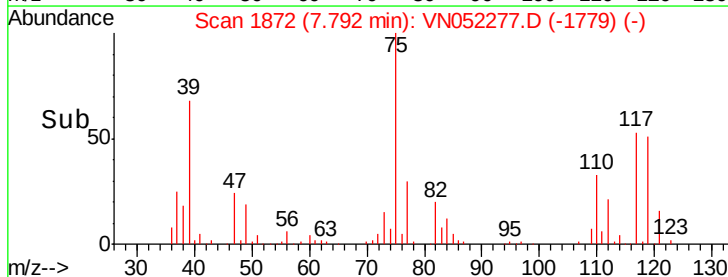
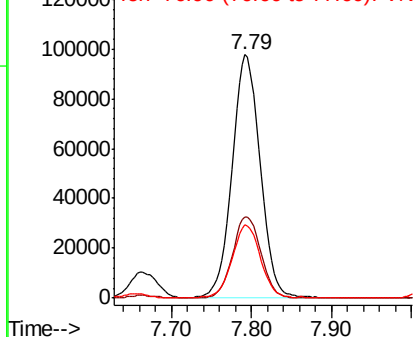


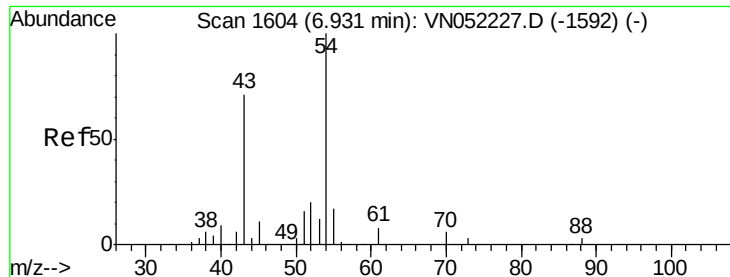
#36
 1,1-Dichloropropene
 Concen: 49.454 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion: 75 Resp: 232173
 Ion Ratio Lower Upper
 75 100
 110 33.7 16.4 49.4
 77 30.5 23.9 35.9



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

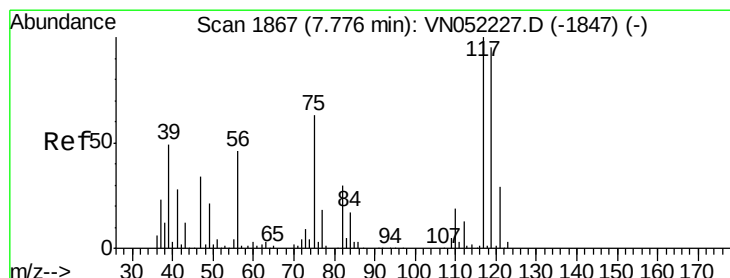
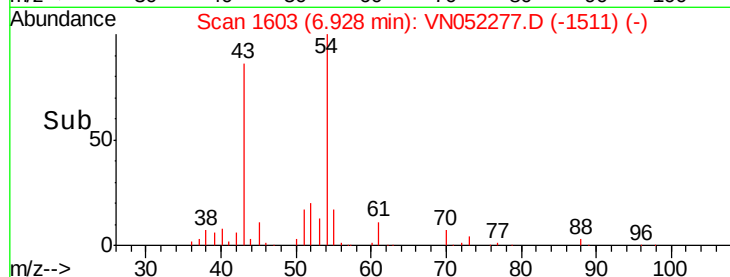
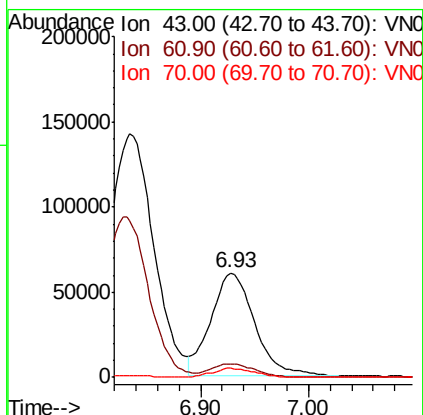
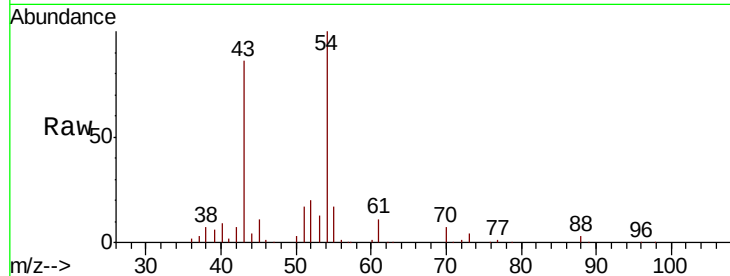




#37
Ethyl Acetate
Concen: 48.494 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

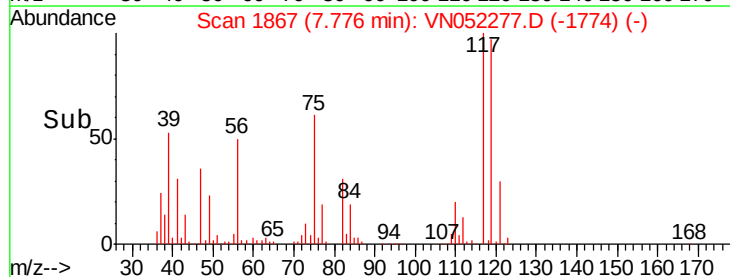
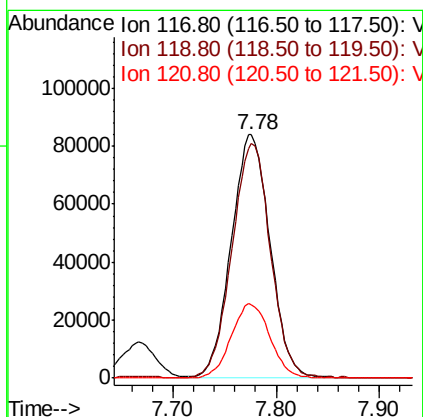
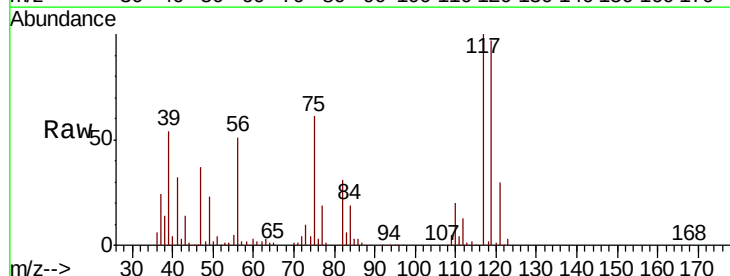
Instrument :
MSVOA_N
ClientSampled :

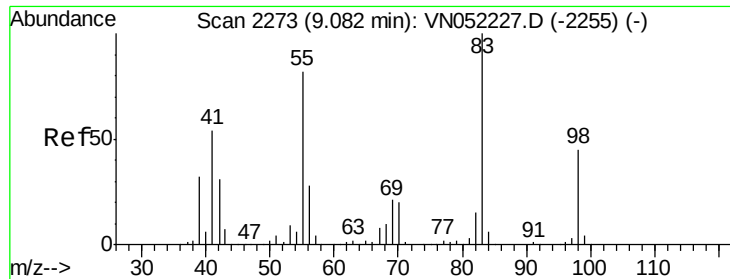
Tot Ion: 43 Resp: 171232
Ion Ratio Lower Upper
43 100
61 12.4 10.0 15.0
70 8.7 6.9 10.3



#38
Carbon Tetrachloride
Concen: 51.357 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion: 117 Resp: 218495
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
121 30.4 23.4 35.2

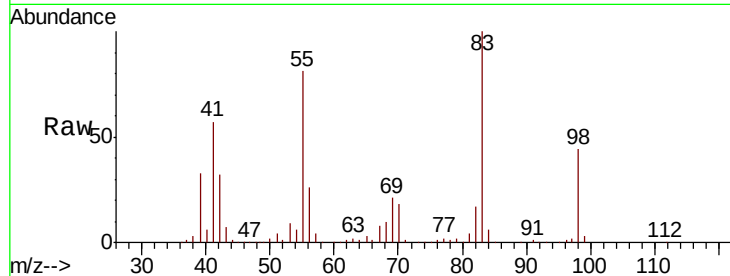




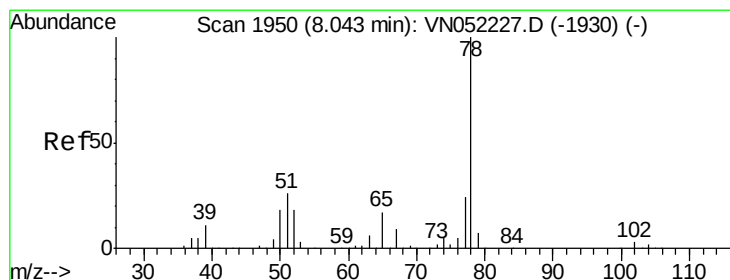
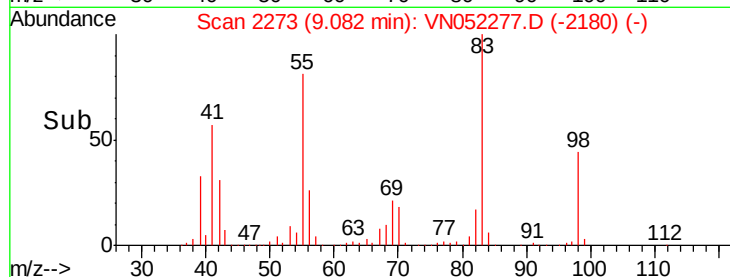
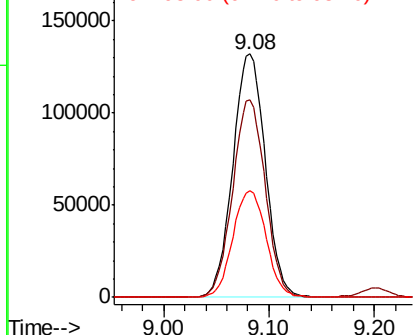
#39
Methylvlcyclohexane
Concen: 52.699 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 282195
Ion Ratio Lower Upper
83 100
55 81.0 65.2 97.8
98 44.0 36.3 54.5

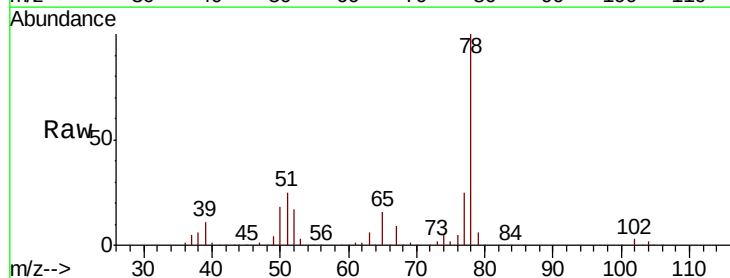


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

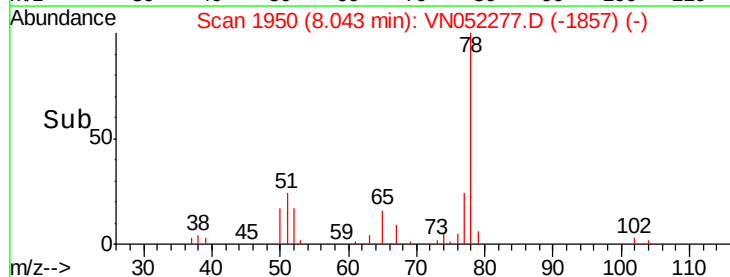
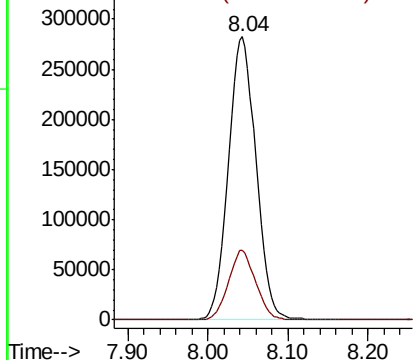


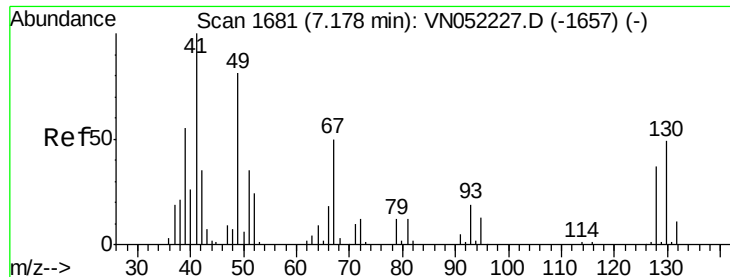
#40
Benzene
Concen: 49.252 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion: 78 Resp: 662019
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8



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





#41

Methacrylonitrile

Concen: 42.534 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 87270

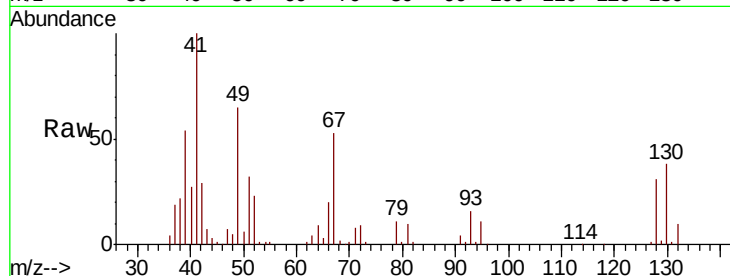
Ion Ratio Lower Upper

41 100

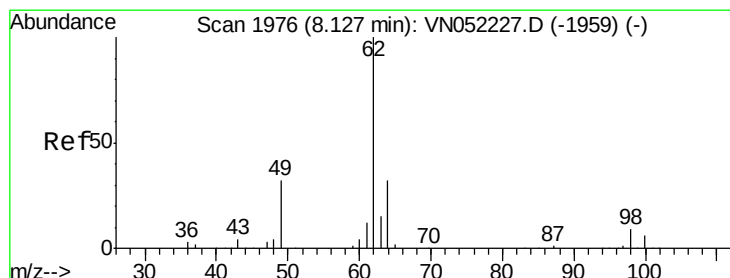
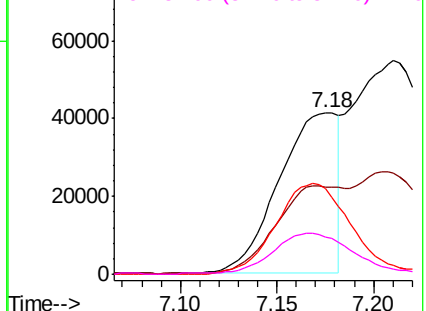
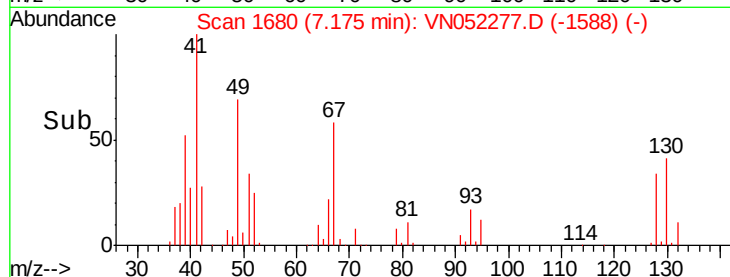
39 65.1 47.8 71.6

67 73.4 54.3 81.5

52 33.4 26.2 39.4



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 48.849 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN052277.D

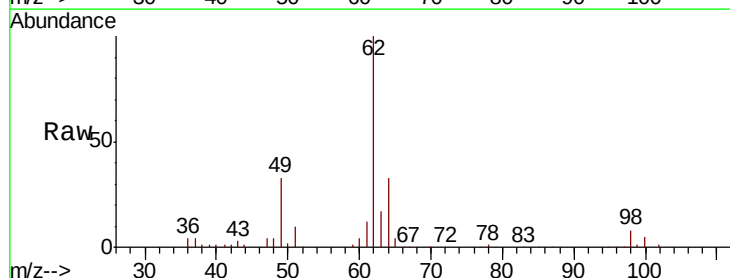
Acq: 13 Nov 2018 10:36

Tgt Ion: 62 Resp: 230374

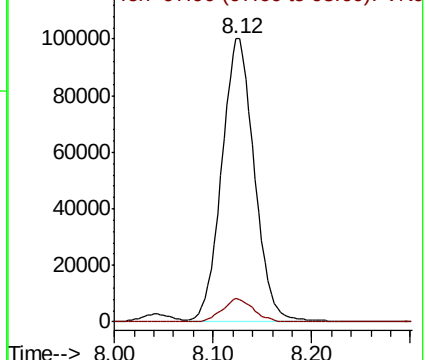
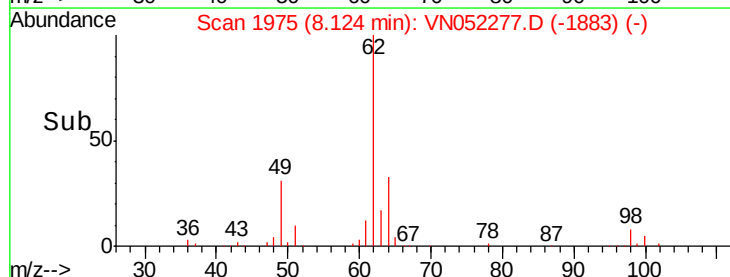
Ion Ratio Lower Upper

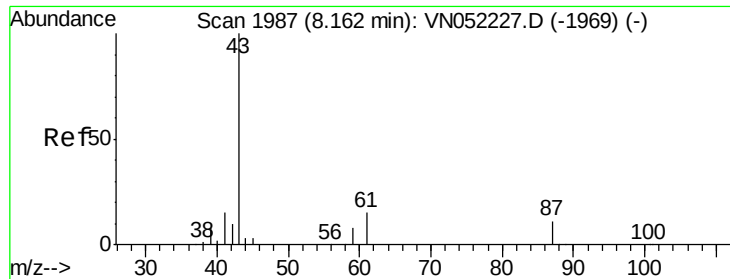
62 100

98 8.0 0.0 16.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 50.590 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

ClientSampleId :

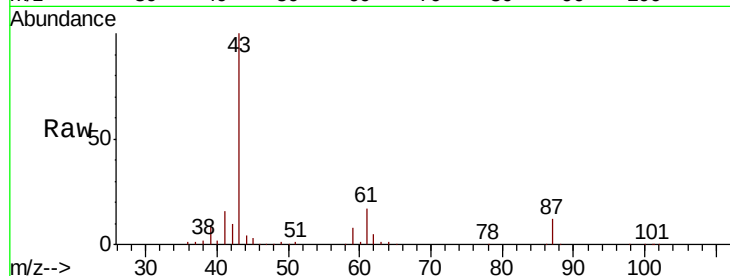
Tot Ion: 43 Resp: 311370

Ion Ratio Lower Upper

43 100

61 17.9 14.2 21.4

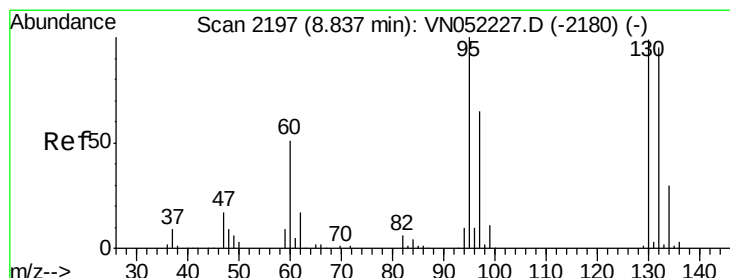
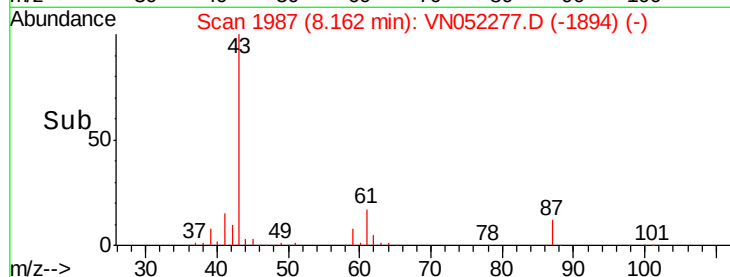
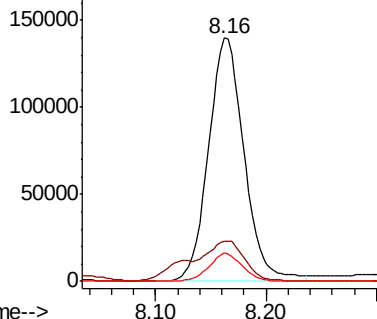
87 10.9 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN052277.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN052277.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN052277.D (-1969) (-)



#44

Trichloroethene

Concen: 48.814 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052277.D

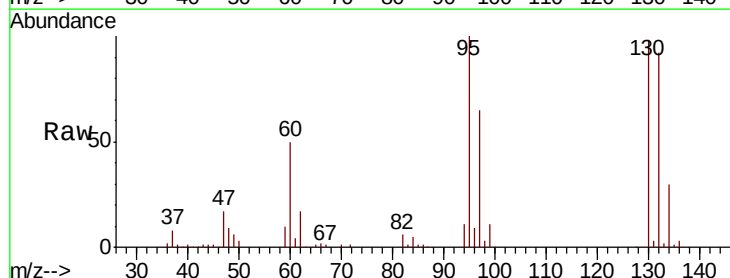
Acq: 13 Nov 2018 10:36

Tgt Ion:130 Resp: 164418

Ion Ratio Lower Upper

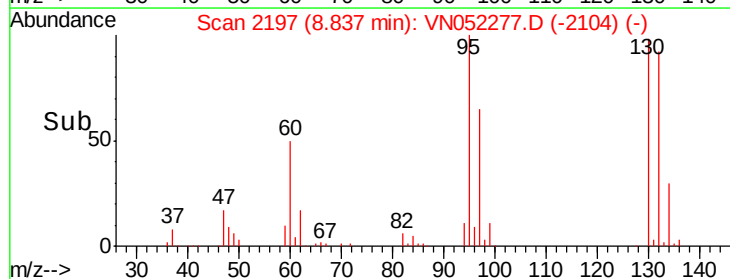
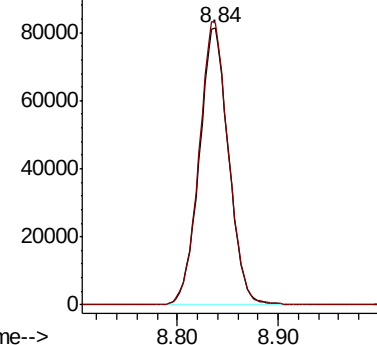
130 100

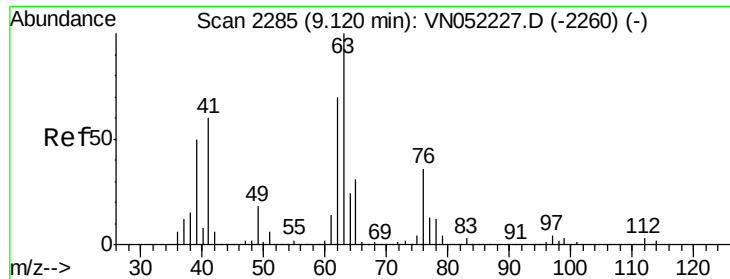
95 101.7 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN052277.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN052277.D (-2180) (-)

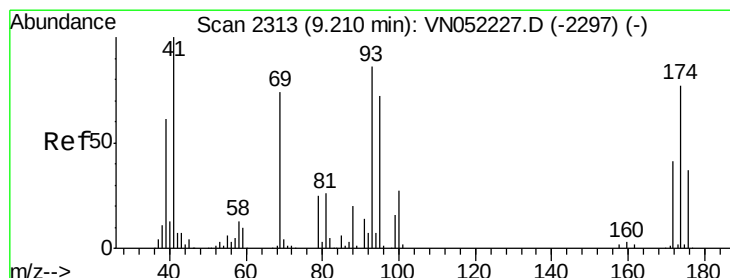
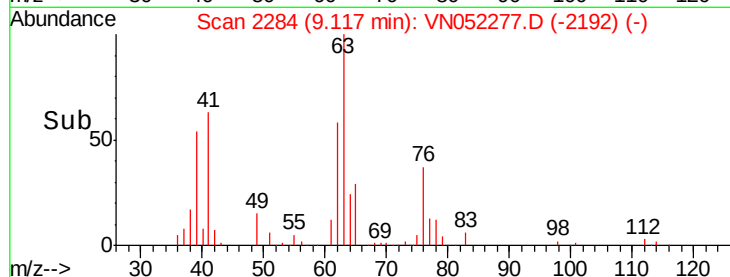
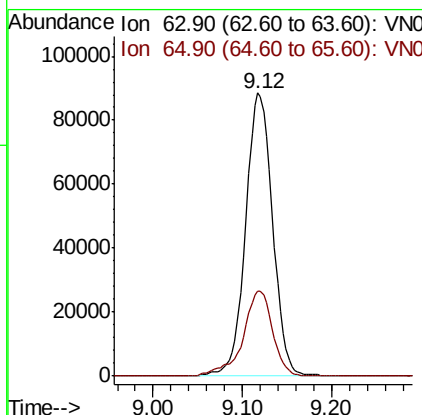
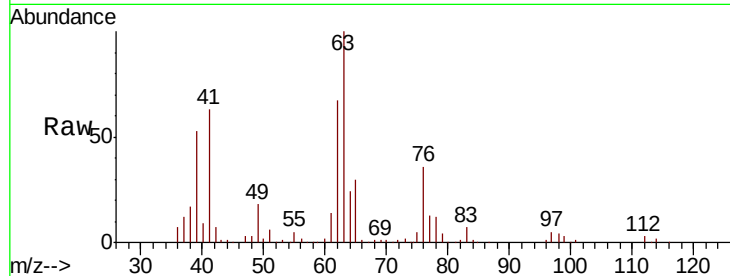




#45
 1,2-Dichloropropane
 Concen: 49.778 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

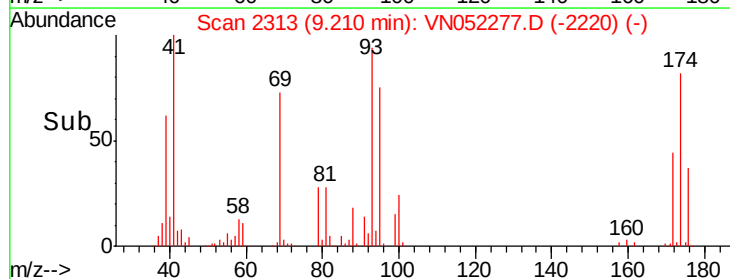
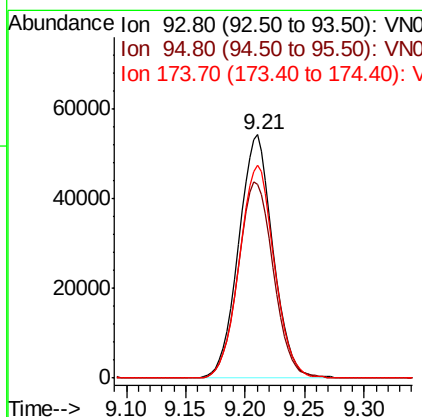
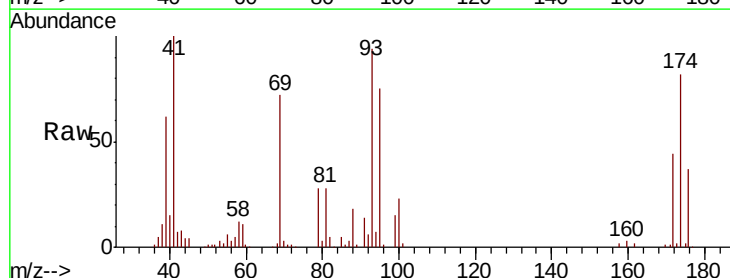
Instrument :
 MSVOA_N
 ClientSampleId :

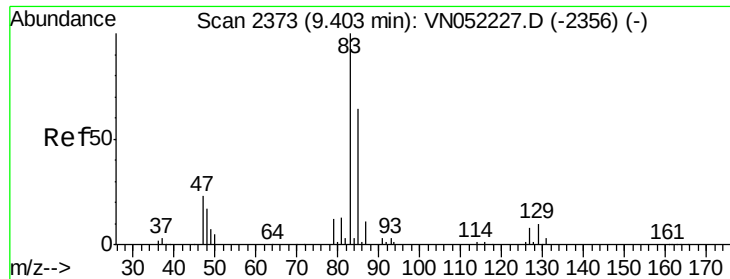
Tot Ion: 63 Resp: 186922
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.8 37.2



#46
 Dibromomethane
 Concen: 50.279 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion: 93 Resp: 108449
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.0 100.4
 174 89.0 72.1 108.1





#47

Bromodichloromethane

Concen: 50.254 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

ClientSampleId :

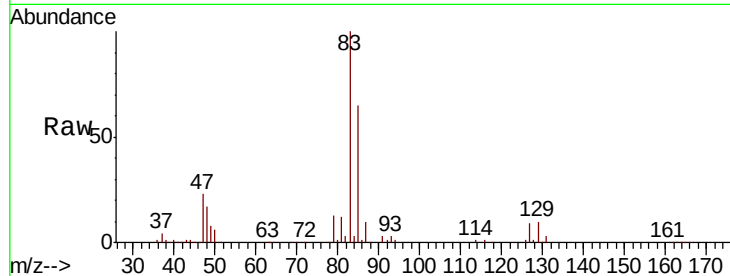
Tot Ion: 83 Resp: 224581

Ion Ratio Lower Upper

83 100

85 65.3 51.2 76.8

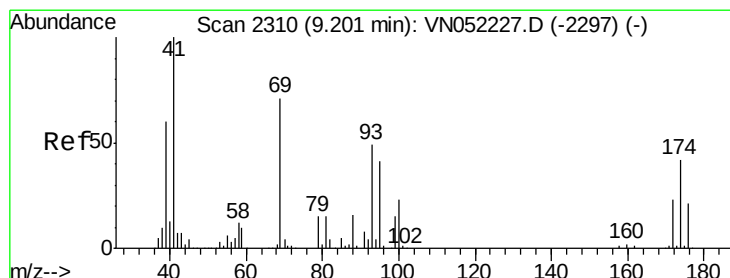
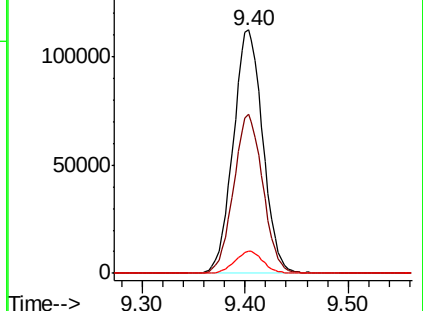
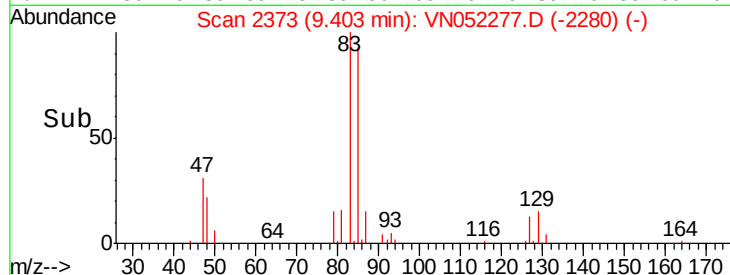
127 9.2 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VN052227.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN052227.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN052227.D (-2356) (-)



#48

Methyl methacrylate

Concen: 49.551 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

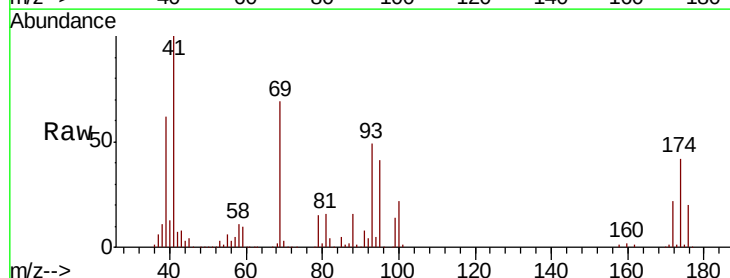
Tgt Ion: 41 Resp: 160691

Ion Ratio Lower Upper

41 100

69 72.9 58.8 88.2

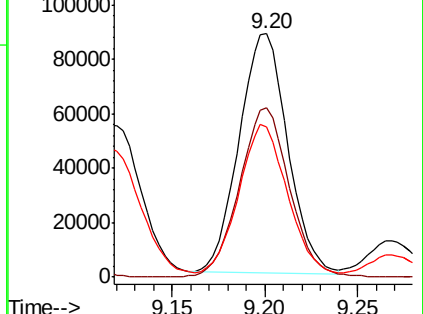
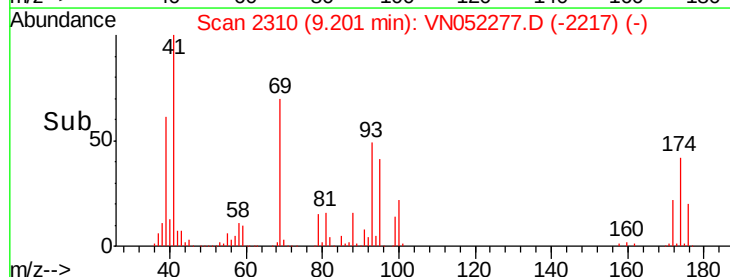
39 61.6 50.7 76.1

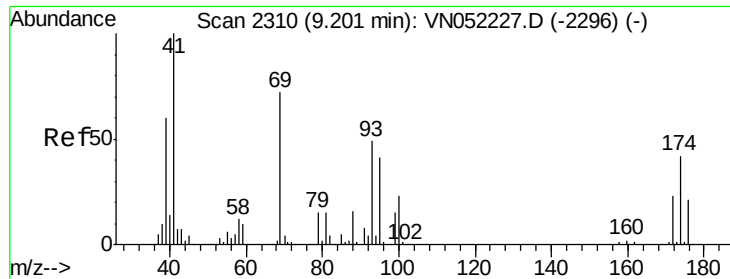


Abundance Ion 41.00 (40.70 to 41.70): VN052227.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN052227.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN052227.D (-2297) (-)

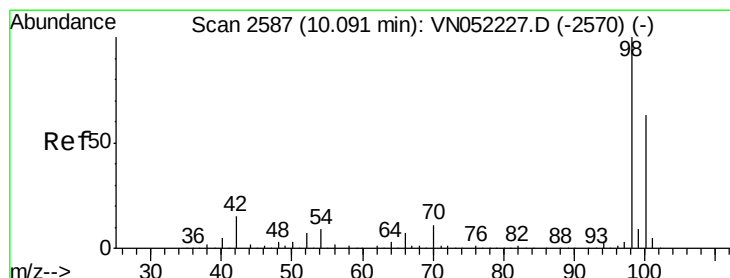
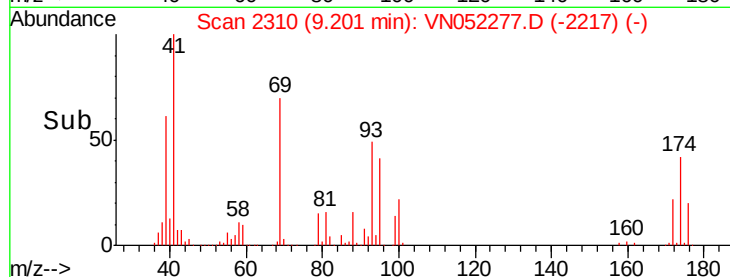
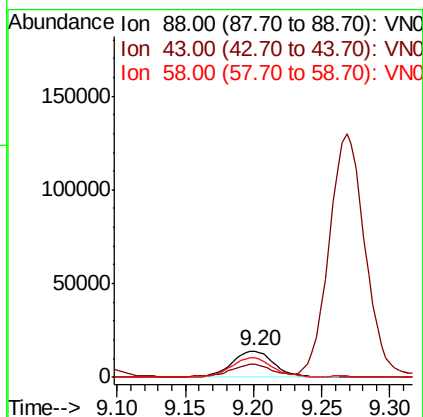
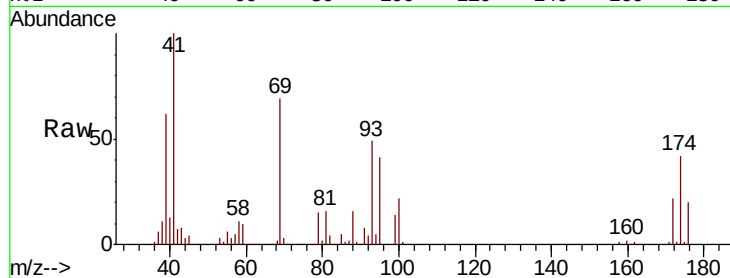




#49
1,4-Dioxane
Concen: 1169.885 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

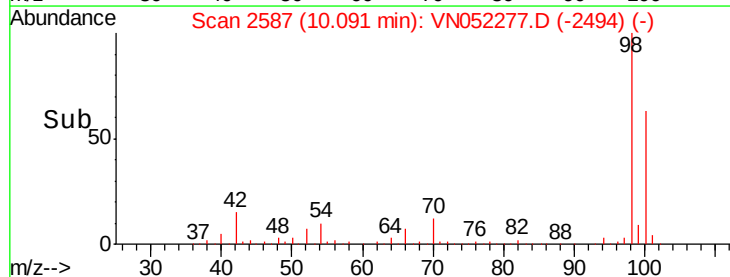
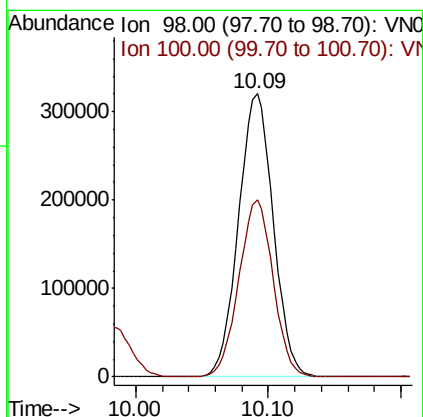
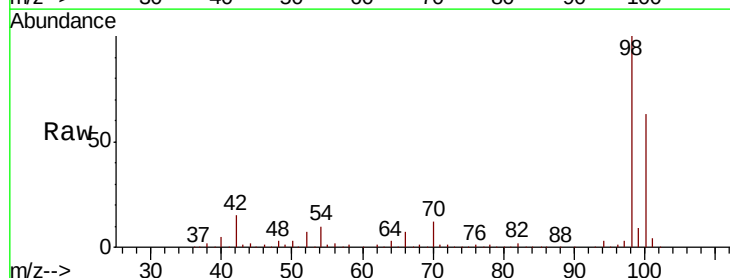
Instrument :
MSVOA_N
ClientSampleId :

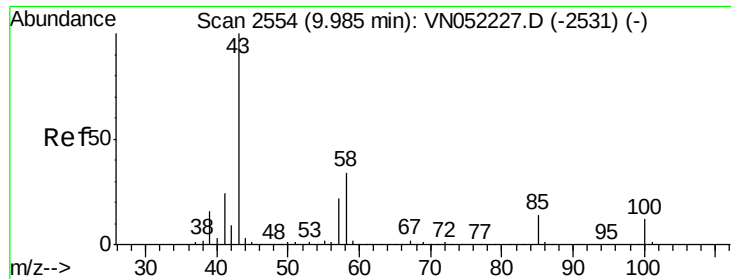
Tot Ion: 88 Resp: 30498
Ion Ratio Lower Upper
88 100
43 43.1 32.5 48.7
58 72.5 58.2 87.4



#50
Toluene-d8
Concen: 1169.885 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion: 98 Resp: 583235
Ion Ratio Lower Upper
98 100
100 61.5 50.2 75.2





#51

4-Methyl-2-Pentanone

Concen: 253.893 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

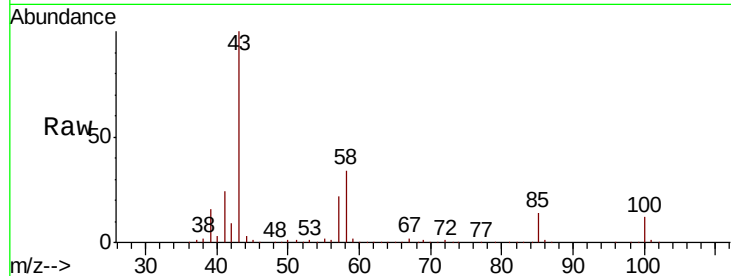
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 862977

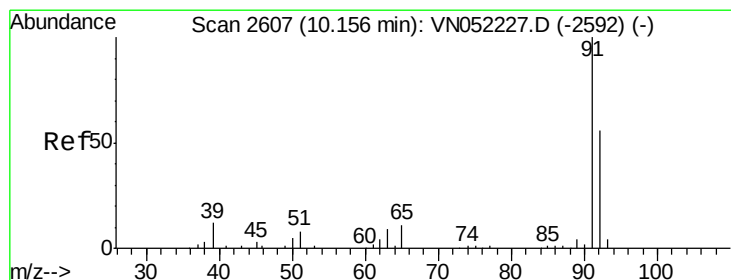
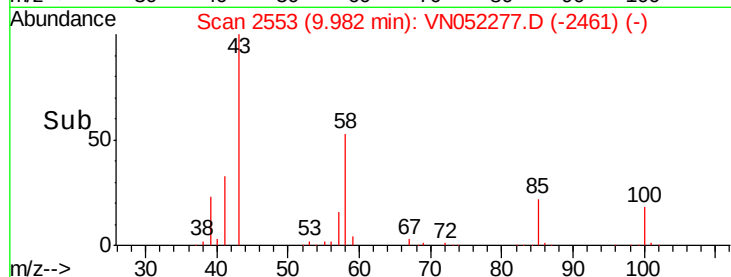
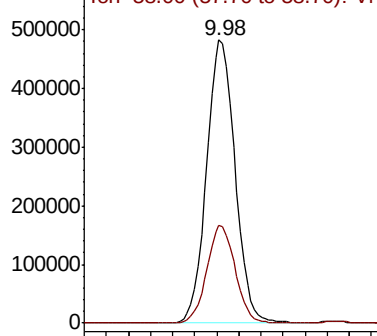
Ion Ratio Lower Upper

43 100

58 34.2 27.4 41.0



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



#52

Toluene

Concen: 49.386 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052277.D

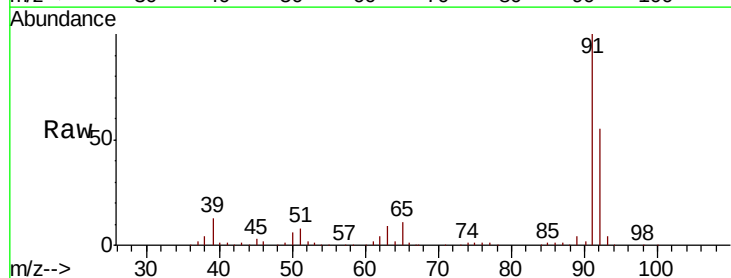
Acq: 13 Nov 2018 10:36

Tgt Ion: 92 Resp: 400436

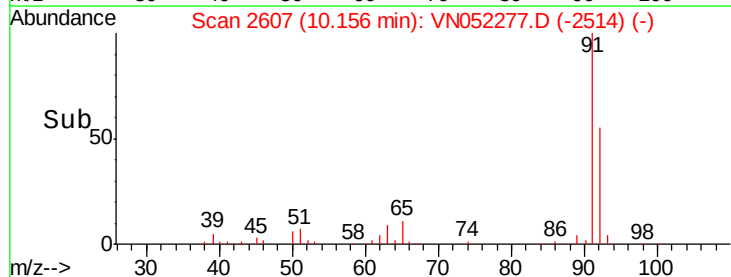
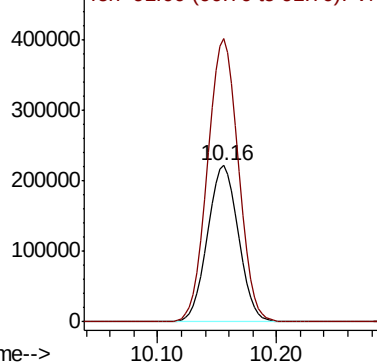
Ion Ratio Lower Upper

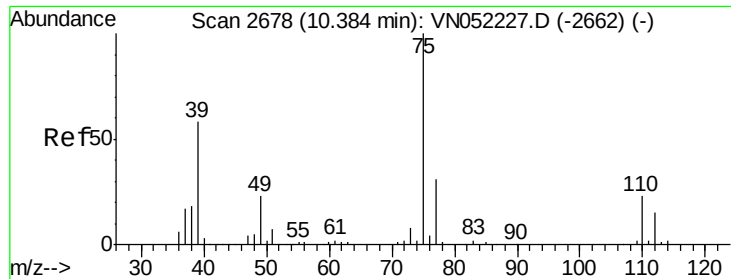
92 100

91 180.3 142.5 213.7



Abundance Ion 92.00 (91.70 to 92.70): VN0
Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 52.951 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

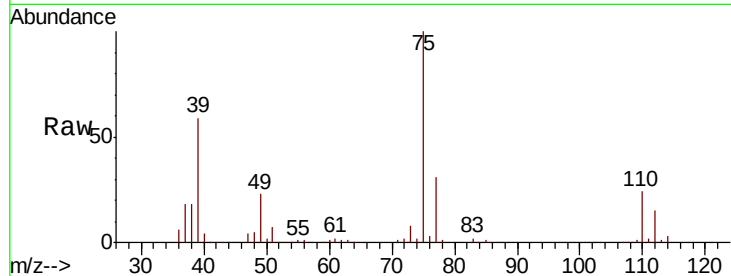
ClientSampleId :

Tot Ion: 75 Resp: 233513

Ion Ratio Lower Upper

75 100

77 30.6 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VN052277.D (-2662) (-)

Ion 76.90 (76.60 to 77.60): VN052277.D (-2662) (-)

10.38

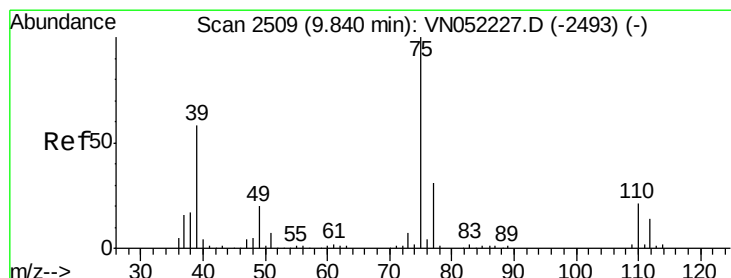
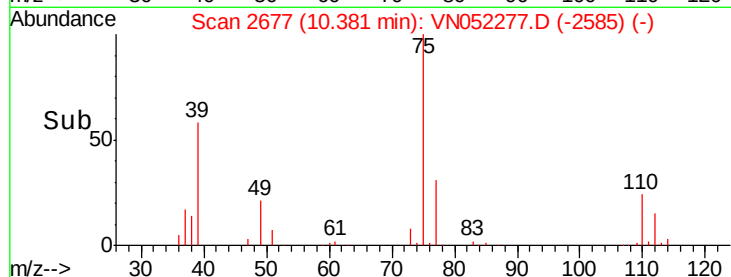
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.891 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

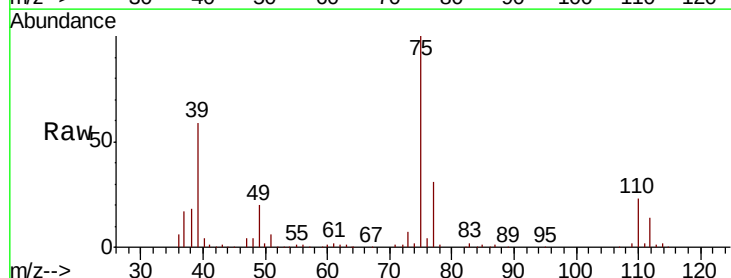
Tgt Ion: 75 Resp: 270140

Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

39 58.8 46.6 70.0



Abundance Ion 74.90 (74.60 to 75.60): VN052277.D (-2493) (-)

Ion 76.90 (76.60 to 77.60): VN052277.D (-2493) (-)

Ion 39.00 (38.70 to 39.70): VN052277.D (-2493) (-)

9.84

200000

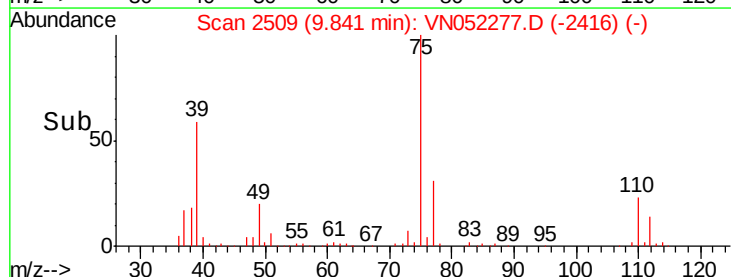
150000

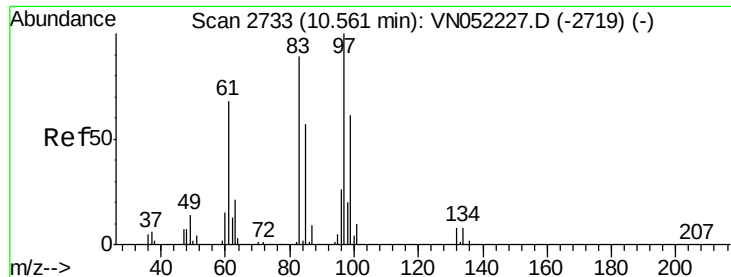
100000

50000

0

Time-->

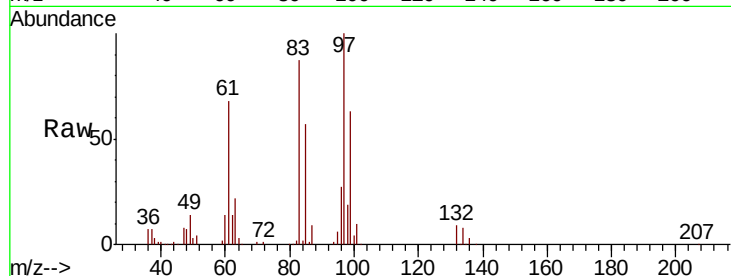




#55
 1,1,2-Trichloroethane
 Concen: 49.328 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 97 Resp: 144565
 Ion Ratio Lower Upper
 97 100
 83 87.2 71.2 106.8
 85 57.2 45.6 68.4
 99 63.2 49.1 73.7



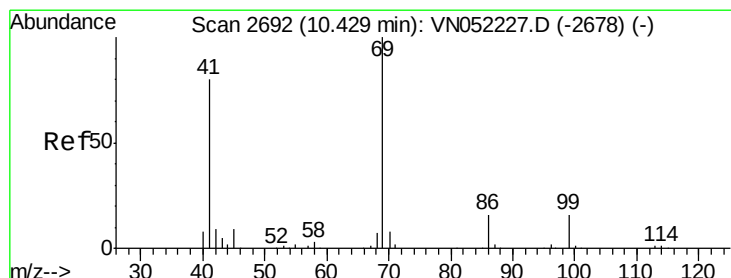
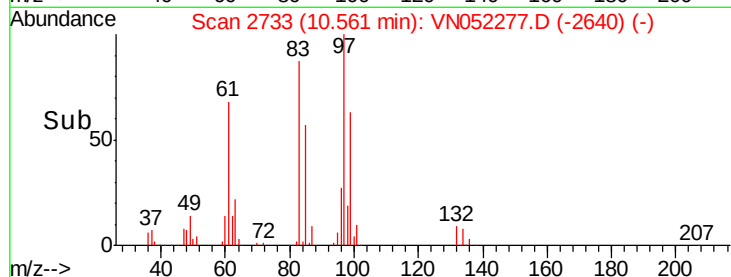
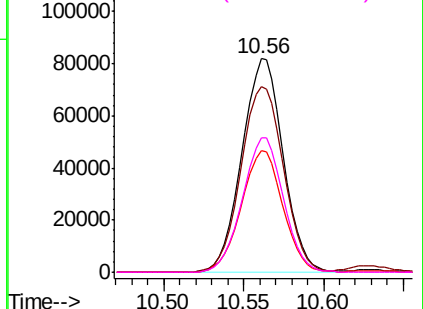
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

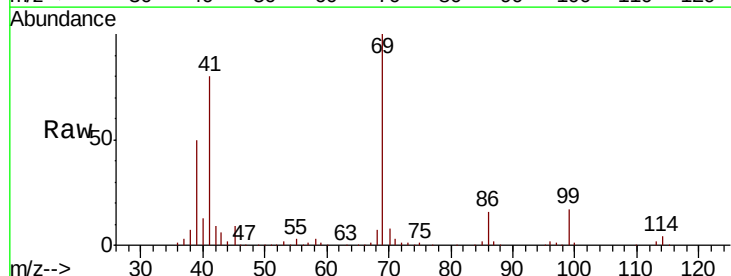
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 50.761 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion: 69 Resp: 201059
 Ion Ratio Lower Upper
 69 100
 41 79.9 64.0 96.0
 39 48.3 37.8 56.8

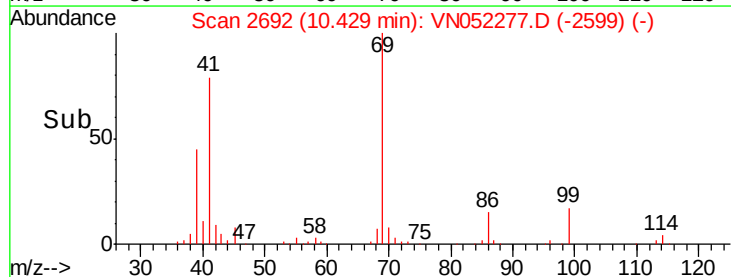
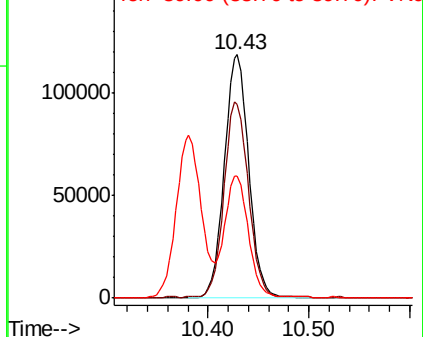


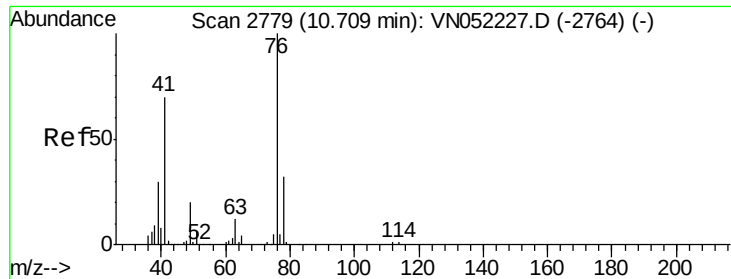
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

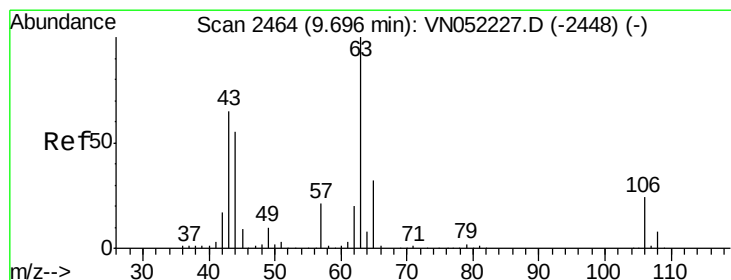
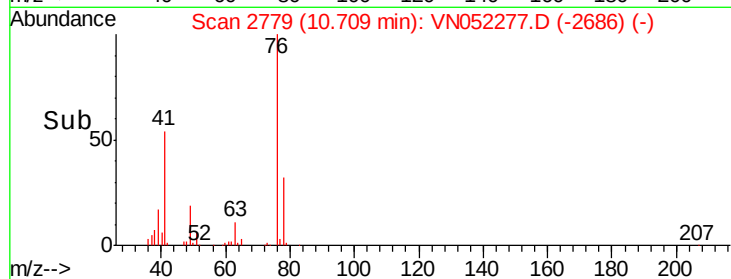
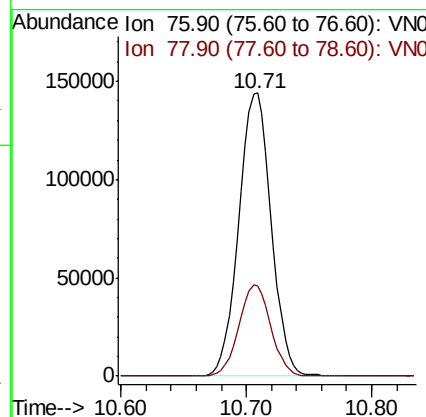
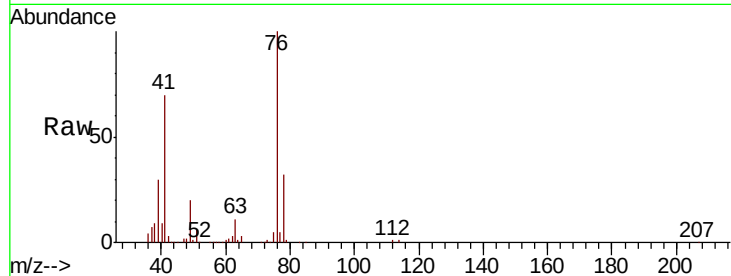




#57
 1,3-Dichloropropane
 Concen: 49.365 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

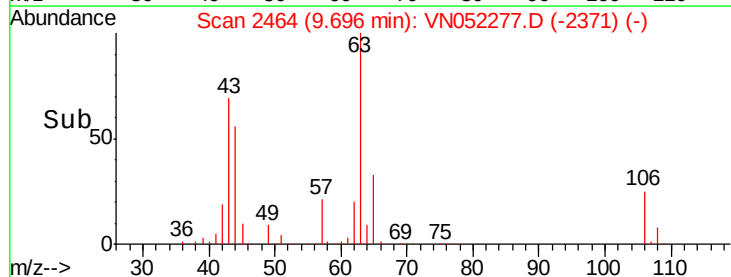
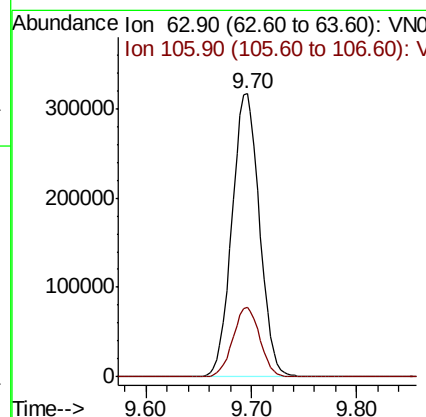
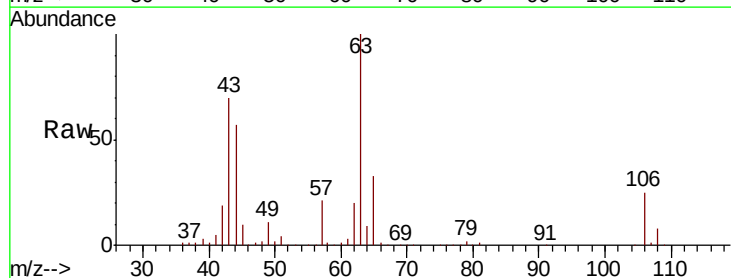
Instrument :
 MSVOA_N
 ClientSampled :

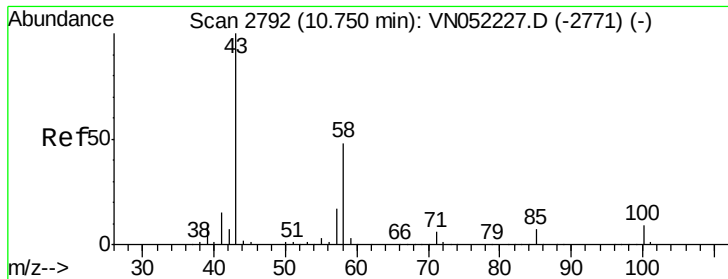
Tot Ion: 76 Resp: 258984
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.082 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion: 63 Resp: 570410
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.5 29.3

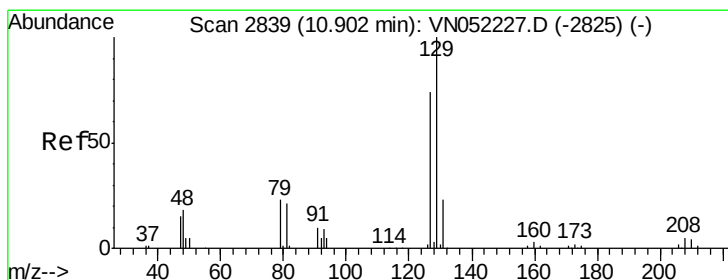
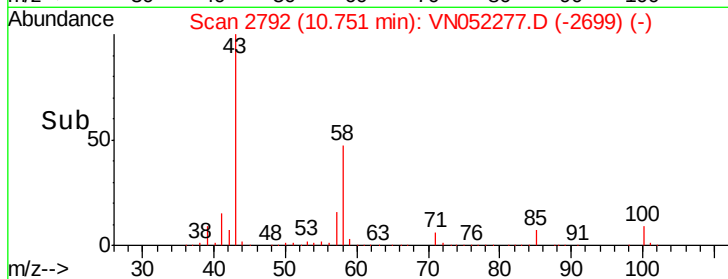
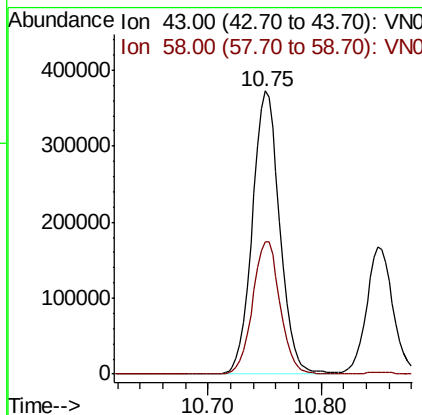
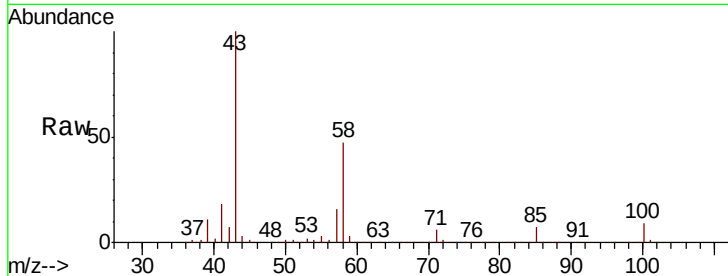




#59
2-Hexanone
Concen: 261.858 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

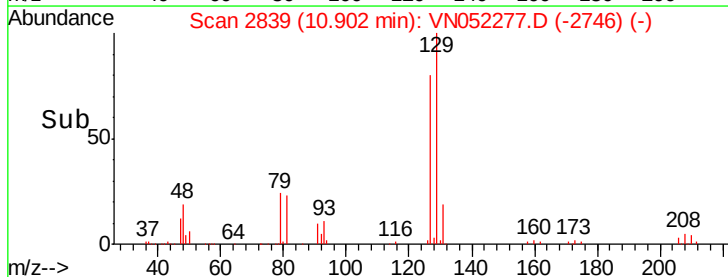
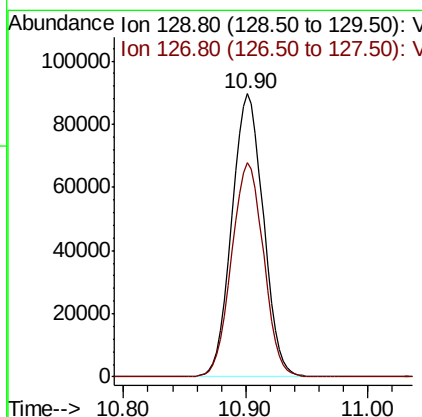
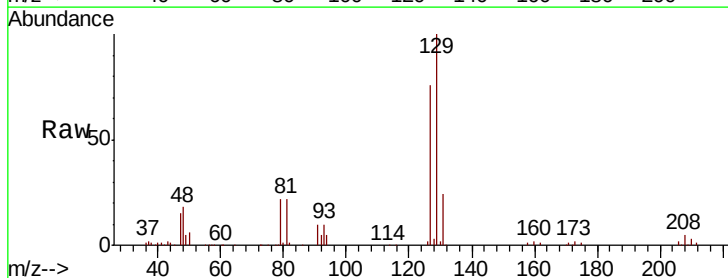
Instrument :
MSVOA_N
ClientSampleId :

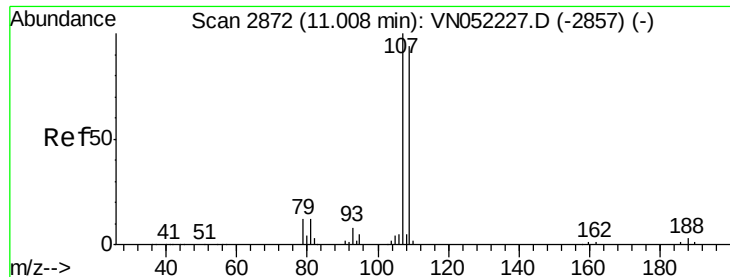
Tot Ion: 43 Resp: 624815
Ion Ratio Lower Upper
43 100
58 47.0 24.1 72.3



#60
Dibromochloromethane
Concen: 54.153 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion:129 Resp: 160981
Ion Ratio Lower Upper
129 100
127 76.8 38.0 114.1

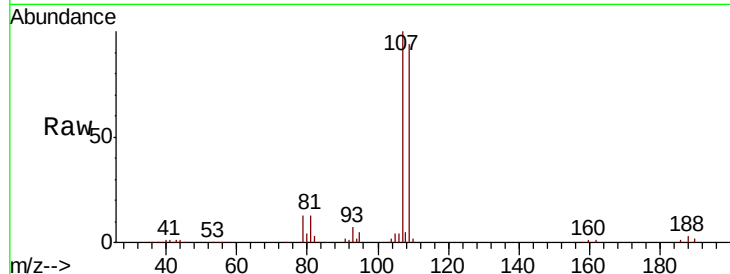




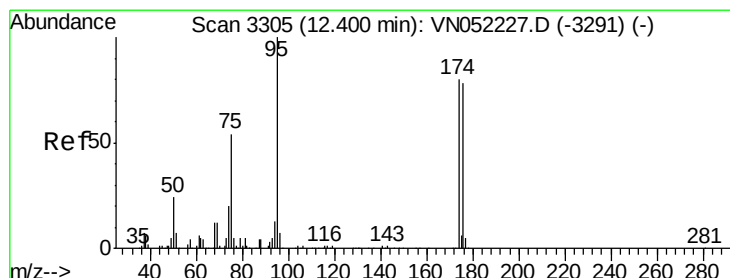
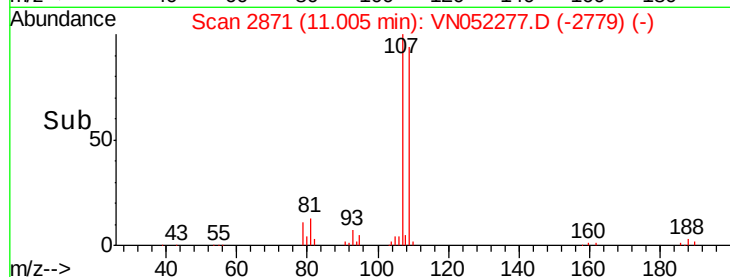
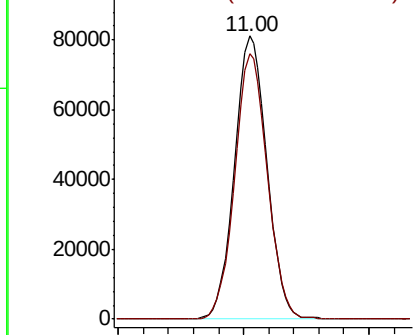
#61
 1,2-Dibromoethane
 Concen: 50.564 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 107 Resp: 145638
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.6

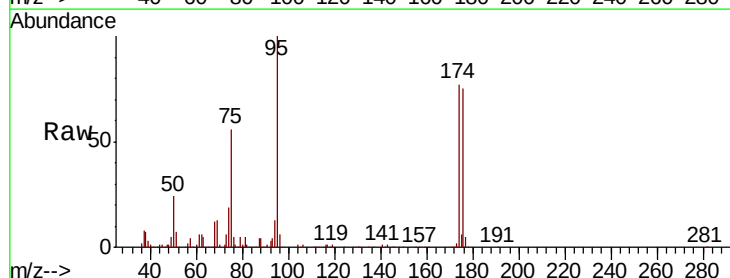


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

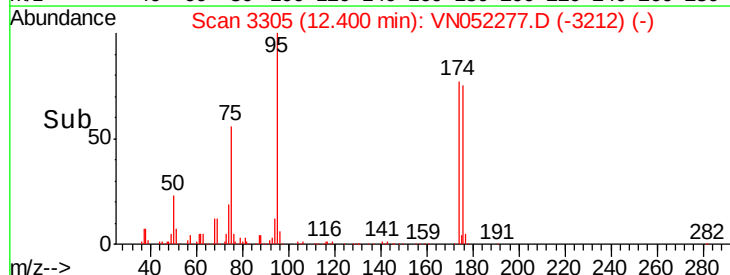
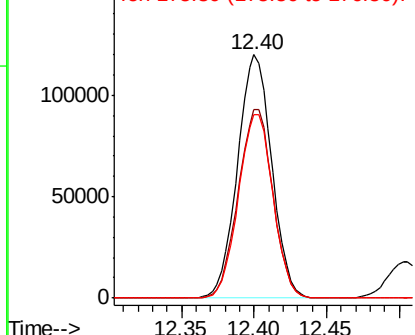


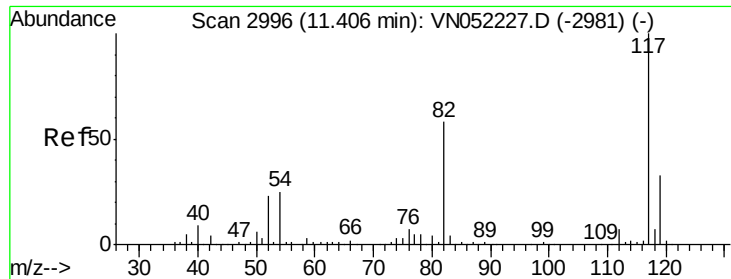
#62
 4-Bromofluorobenzene
 Concen: 50.564 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion: 95 Resp: 196576
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 159.4
 176 76.3 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): V
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

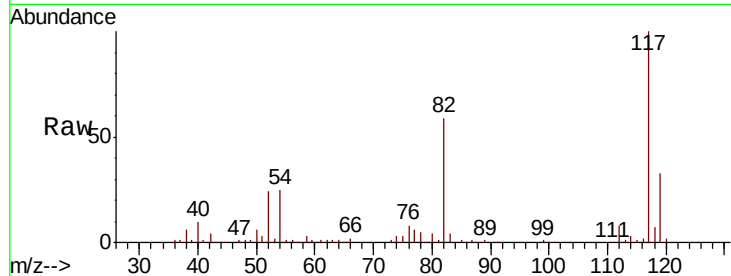




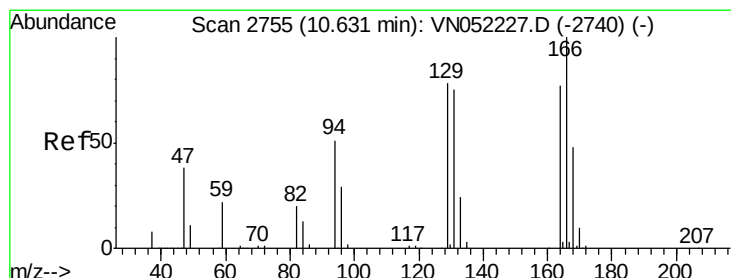
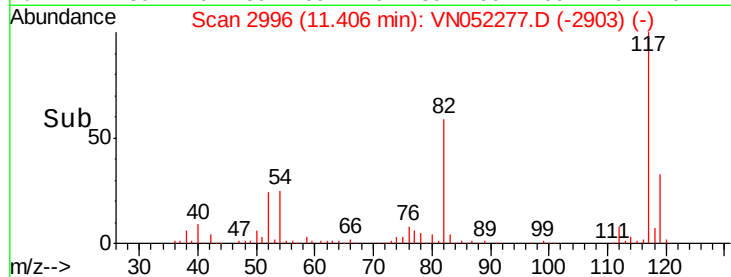
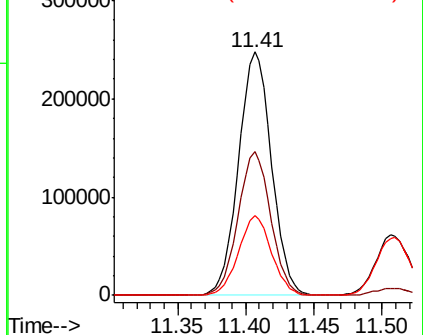
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 416812
Ion Ratio Lower Upper
117 100
82 58.8 46.2 69.2
119 32.7 26.2 39.4

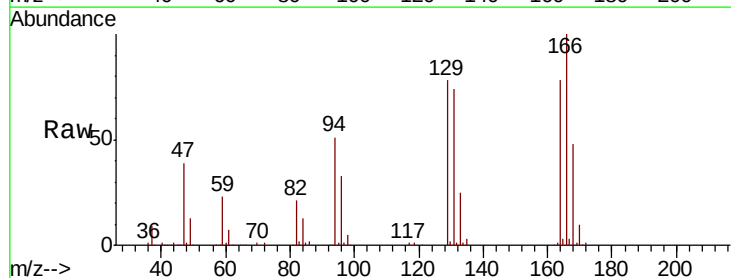


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

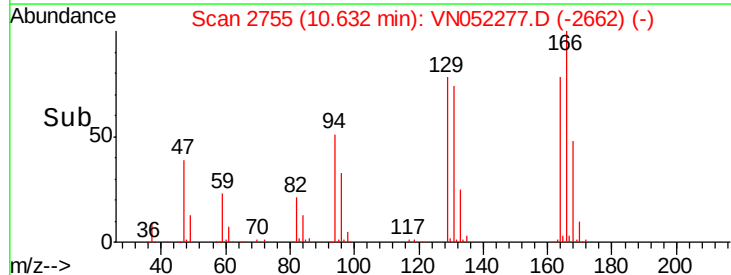
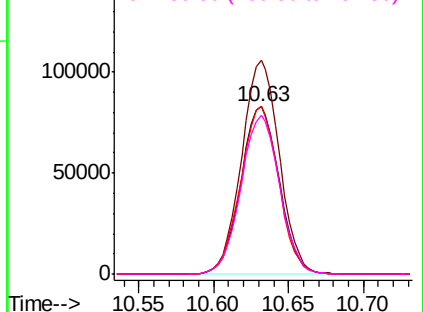


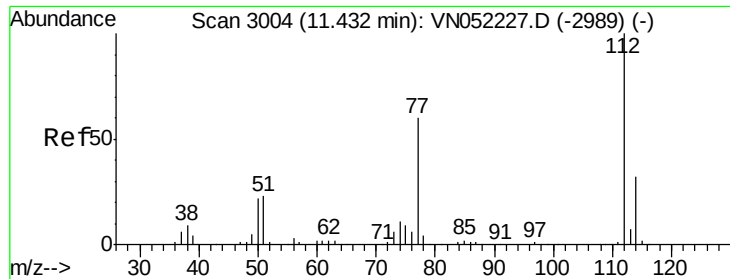
#64
Tetrachloroethene
Concen: 50.653 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion:164 Resp: 147820
Ion Ratio Lower Upper
164 100
166 127.6 103.6 155.4
129 100.0 81.0 121.6
131 94.3 77.9 116.9



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

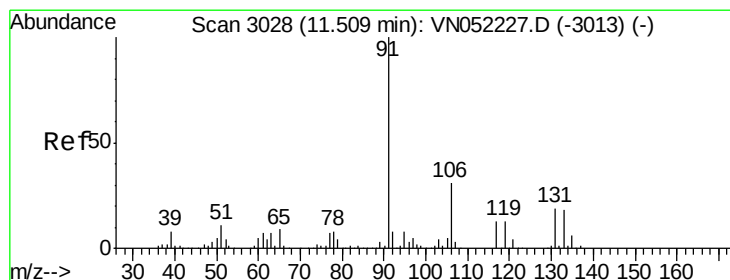
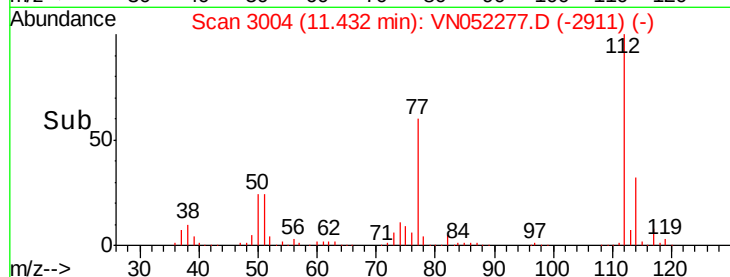
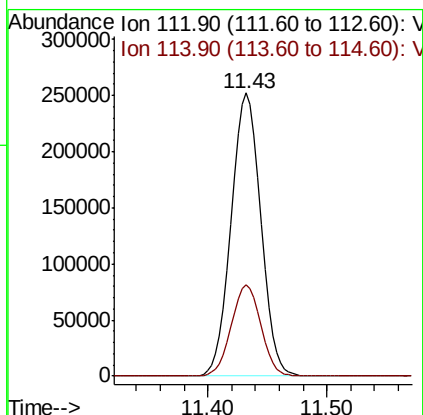
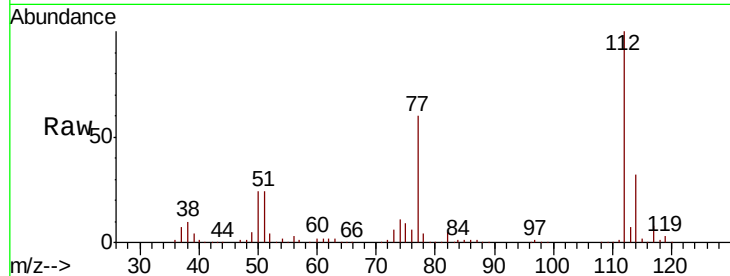




#65
Chlorobenzene
Concen: 49.370 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

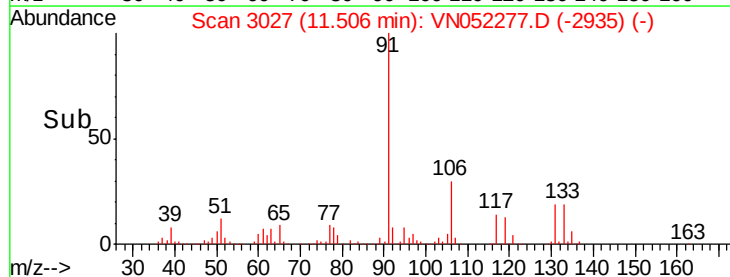
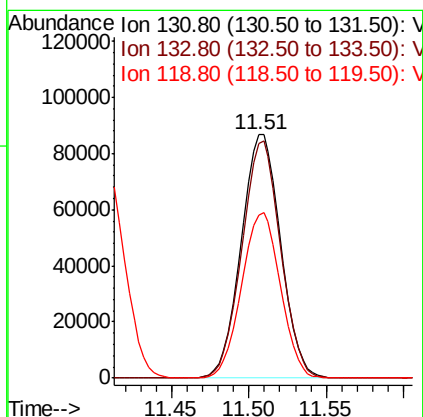
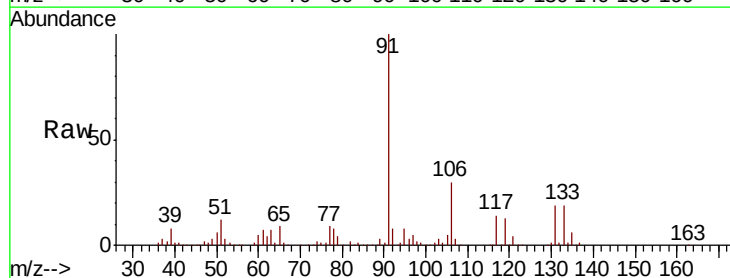
Instrument :
MSVOA_N
ClientSampleId :

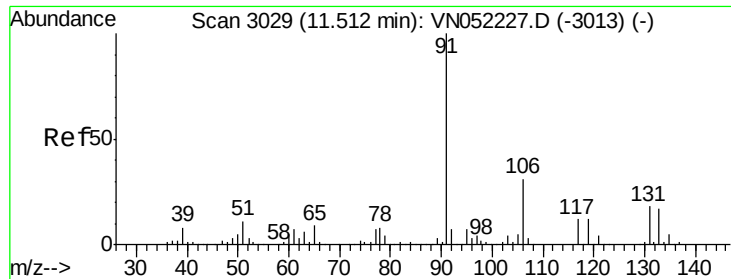
Tot Ion:112 Resp: 436027
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.532 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion:131 Resp: 154167
Ion Ratio Lower Upper
131 100
133 95.4 48.3 144.9
119 66.9 34.6 103.9

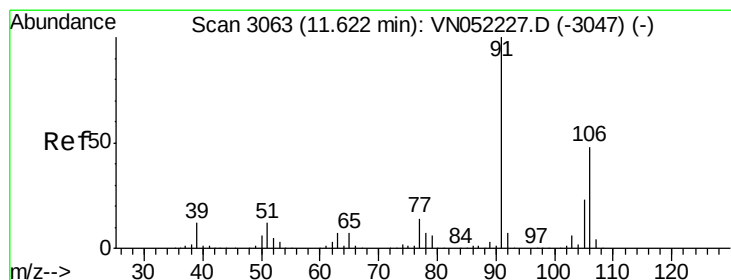
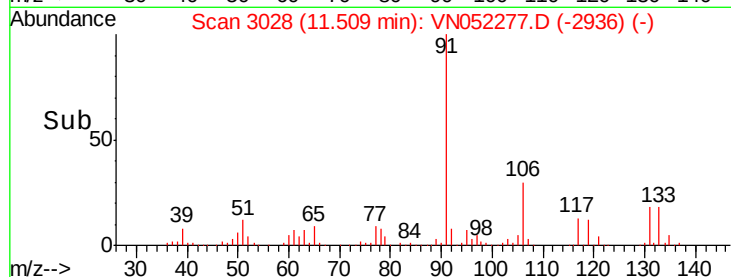
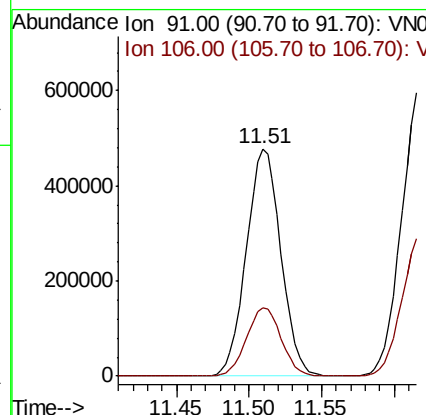
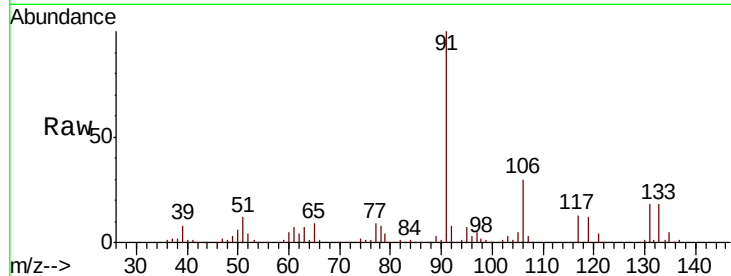




#67
Ethyl Benzene
Concen: 50.945 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

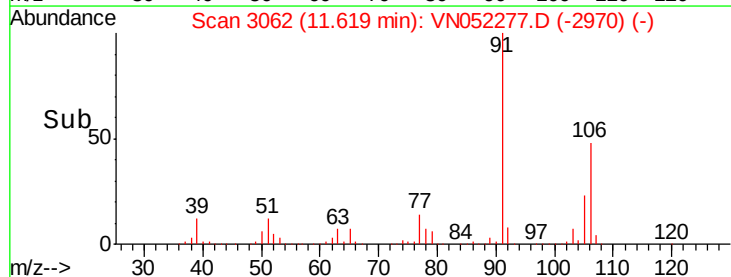
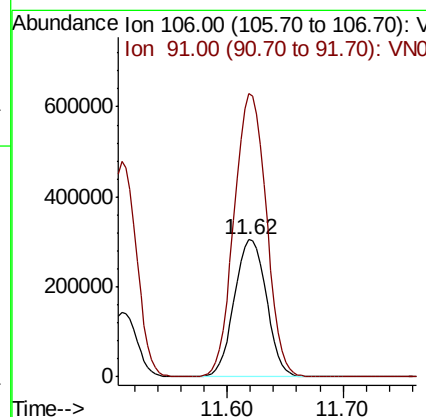
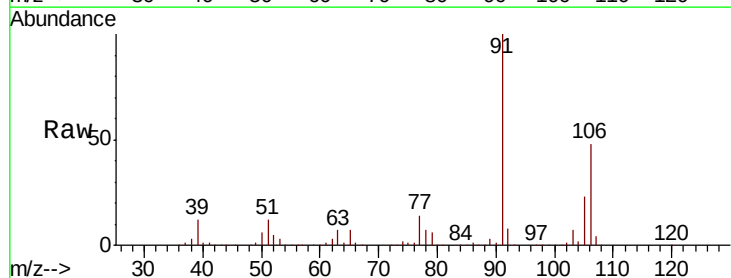
Instrument :
MSVOA_N
ClientSampled :

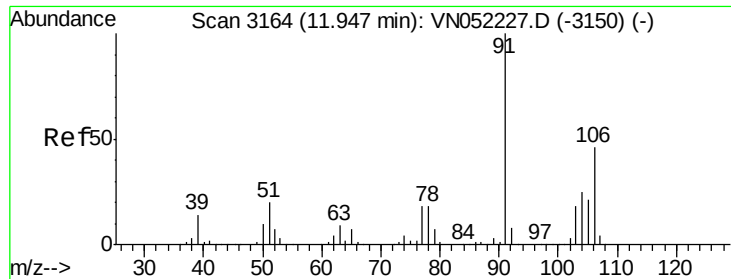
Tot Ion: 91 Resp: 791420
Ion Ratio Lower Upper
91 100
106 30.1 24.7 37.1



#68
m/p-Xylenes
Concen: 101.497 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion: 106 Resp: 587193
Ion Ratio Lower Upper
106 100
91 206.8 165.7 248.5

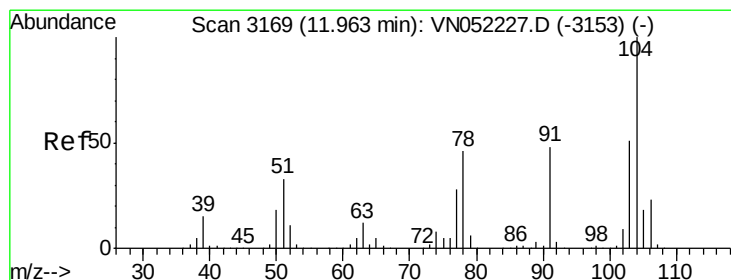
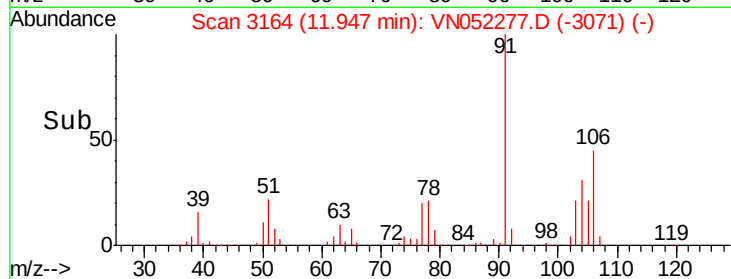
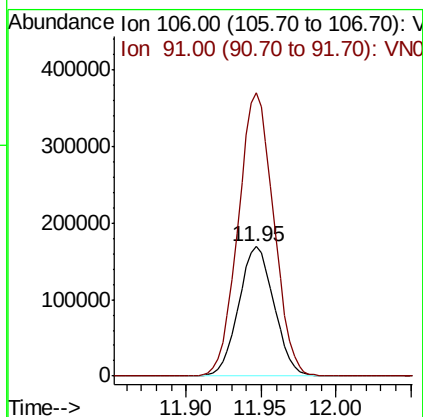
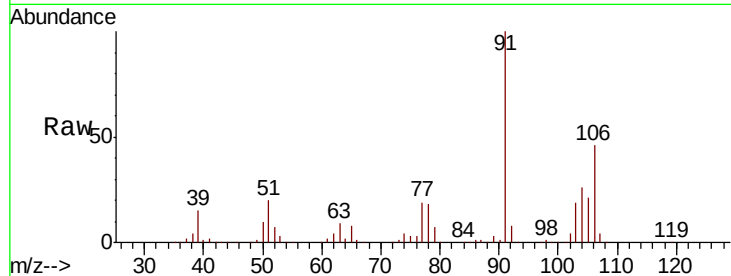




#69
o-Xylene
Concen: 50.591 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

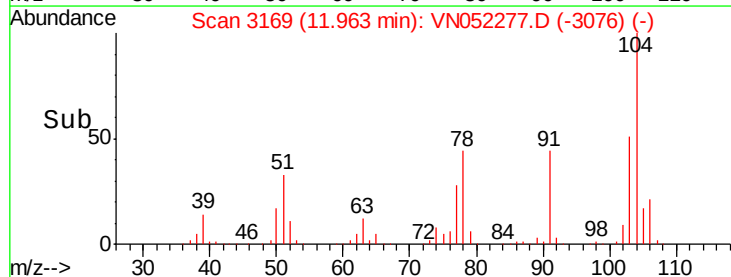
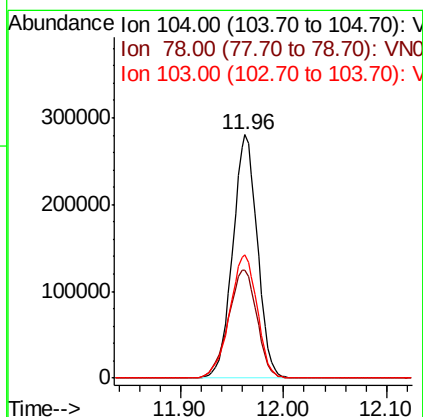
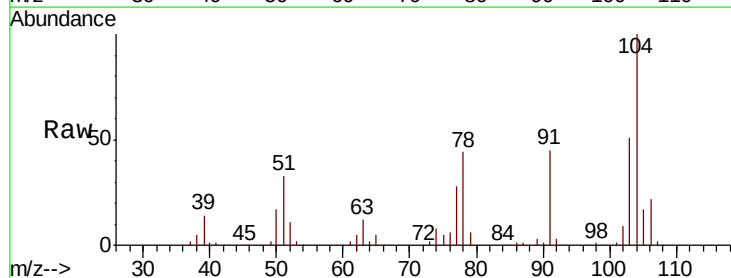
Instrument :
MSVOA_N
ClientSampled :

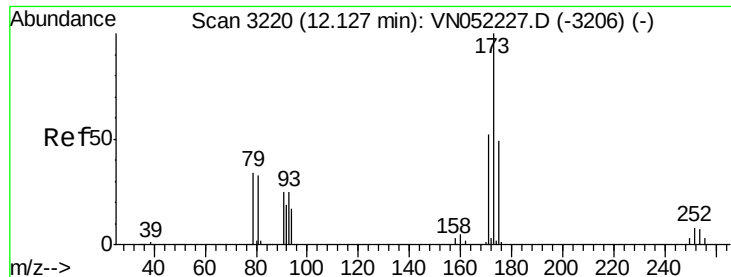
Tot Ion:106 Resp: 279628
Ion Ratio Lower Upper
106 100
91 218.7 108.5 325.5



#70
Styrene
Concen: 52.315 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion:104 Resp: 467164
Ion Ratio Lower Upper
104 100
78 51.3 41.8 62.6
103 56.3 44.9 67.3

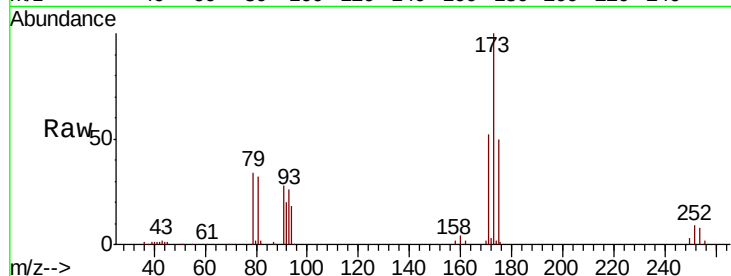




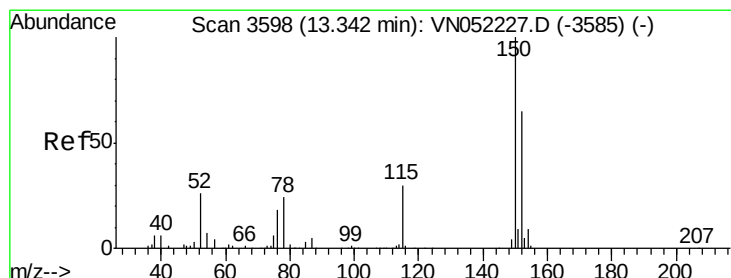
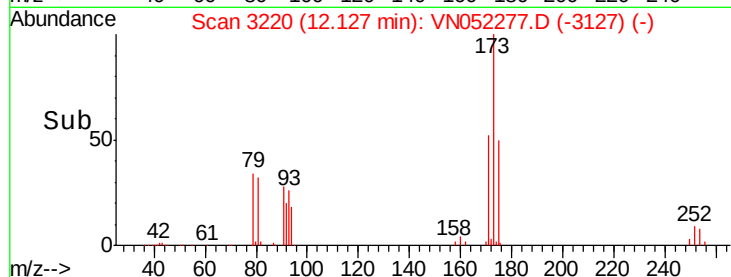
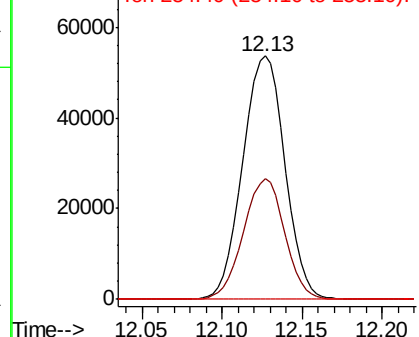
#71
Bromoform
Concen: 54.133 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:173 Resp: 96613
Ion Ratio Lower Upper
173 100
175 48.5 24.5 73.5
254 0.0 0.0 0.0

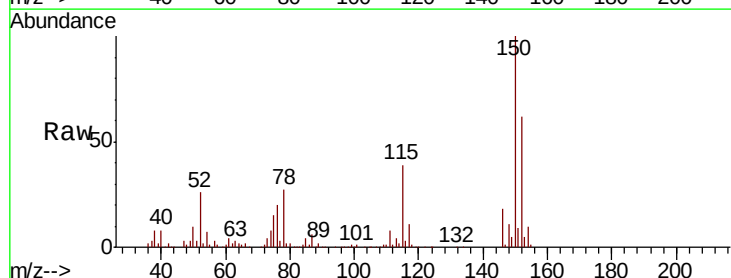


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

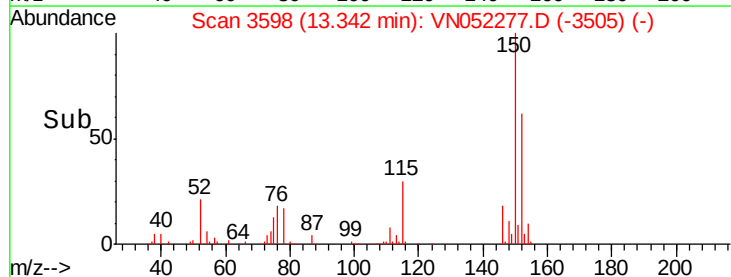
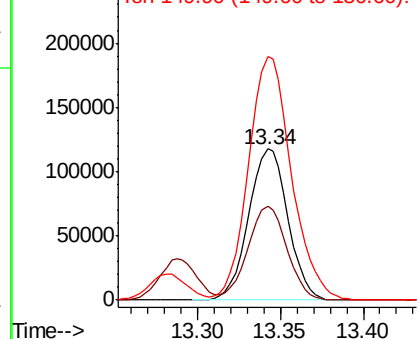


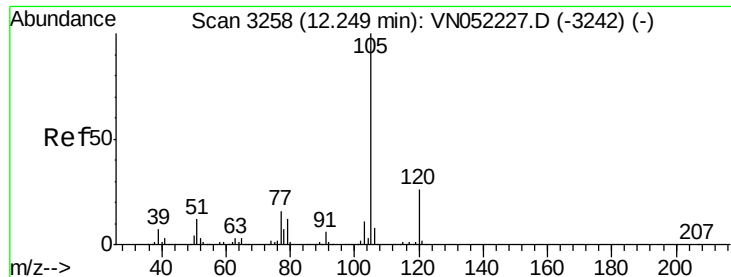
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion:152 Resp: 193089
Ion Ratio Lower Upper
152 100
115 62.1 29.8 89.5
150 177.2 0.0 350.2



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: 48.635 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

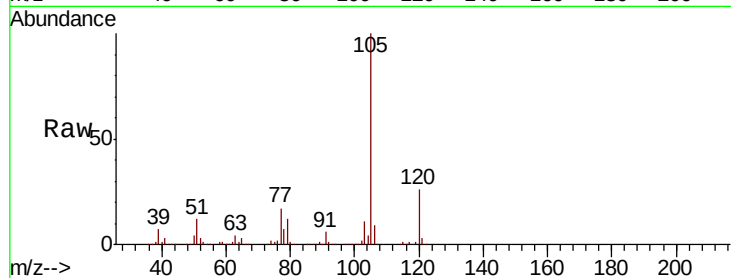
ClientSampled :

Tot Ion:105 Resp: 767670

Ion Ratio Lower Upper

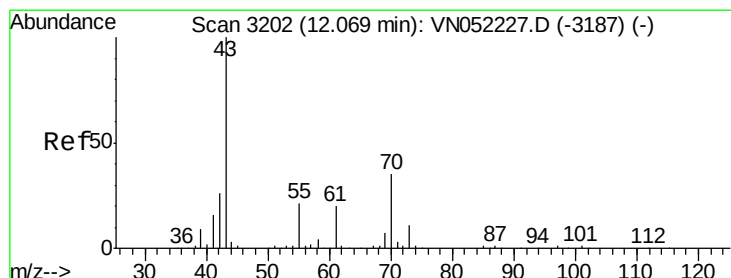
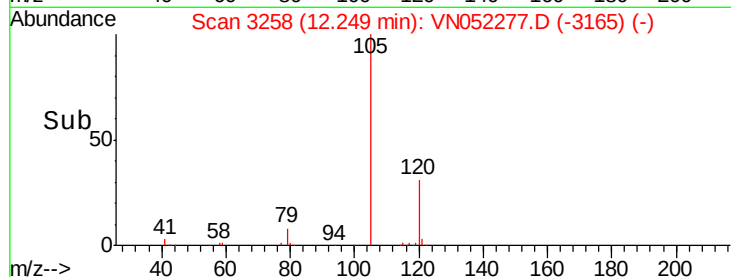
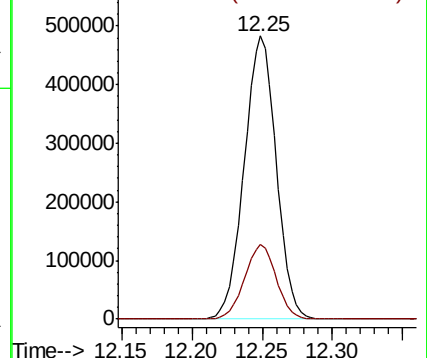
105 100

120 26.1 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.578 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Tgt Ion: 43 Resp: 289829

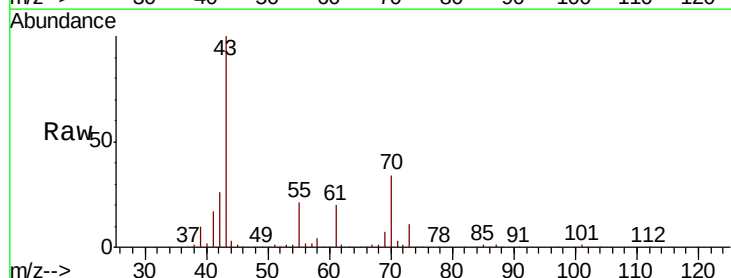
Ion Ratio Lower Upper

43 100

70 34.6 28.2 42.2

55 21.9 17.4 26.2

61 20.5 16.3 24.5

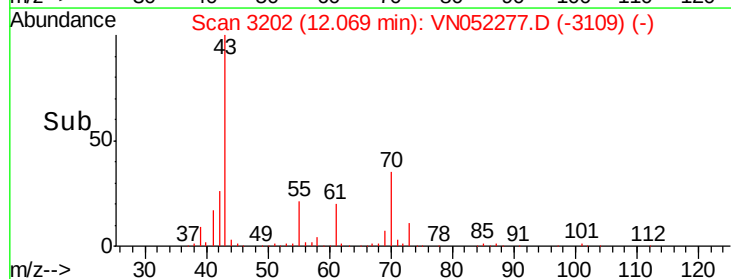
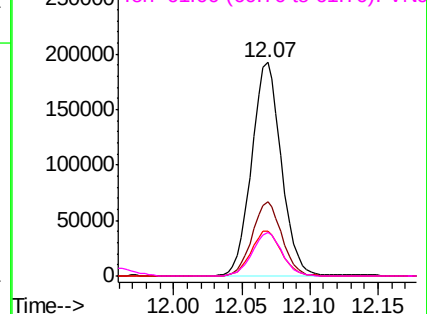


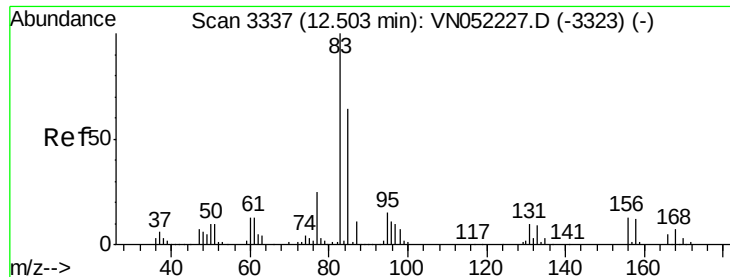
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.379 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

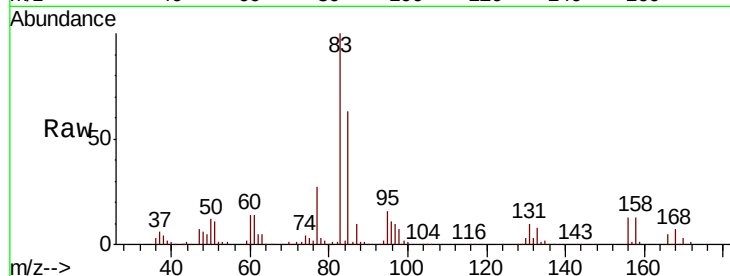
Tot Ion: 83 Resp: 183336

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.2

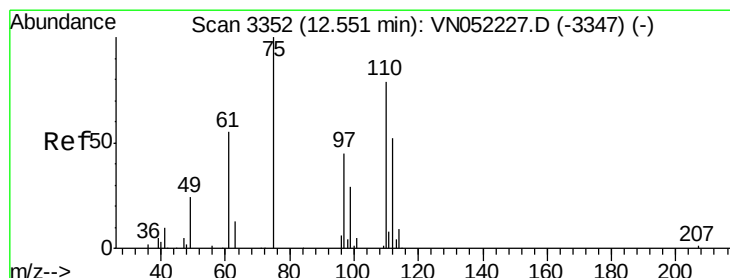
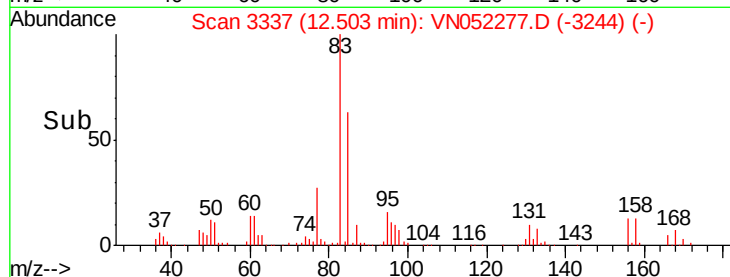
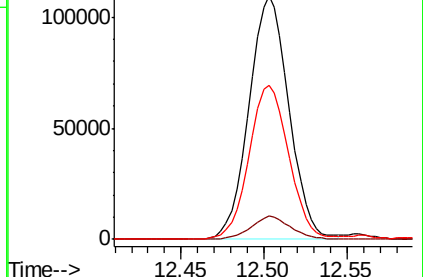
85 63.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN052227.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN052227.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN052227.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 70.687 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052277.D

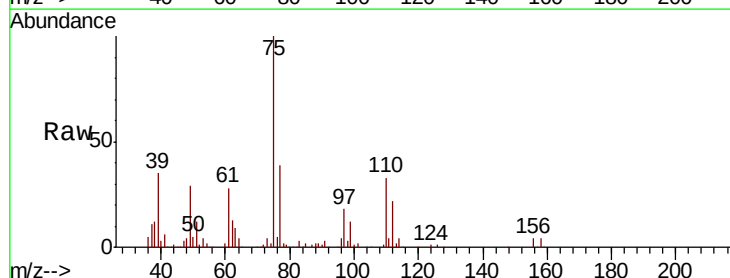
Acq: 13 Nov 2018 10:36

Tgt Ion: 75 Resp: 241484

Ion Ratio Lower Upper

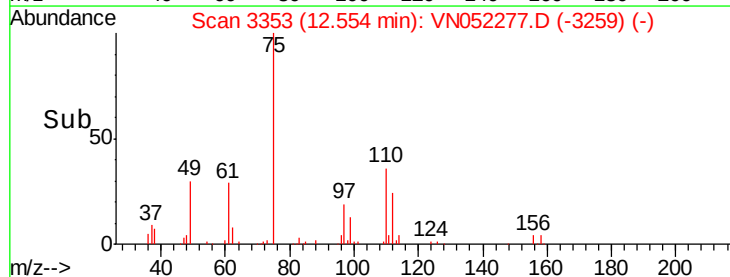
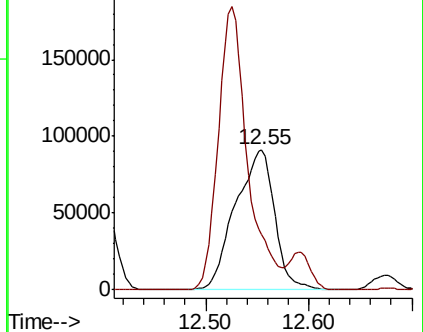
75 100

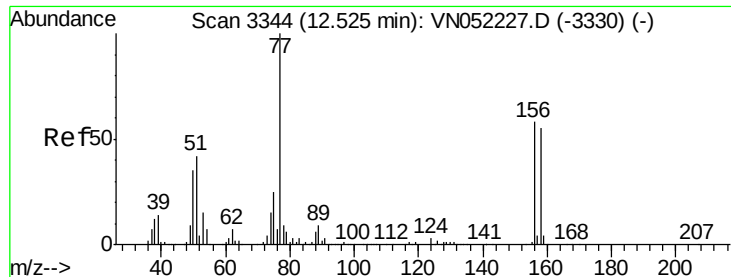
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052227.D (-3352) (-)

Ion 77.00 (76.70 to 77.70): VN052227.D (-3352) (-)





#77

Bromobenzene

Concen: 47.859 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

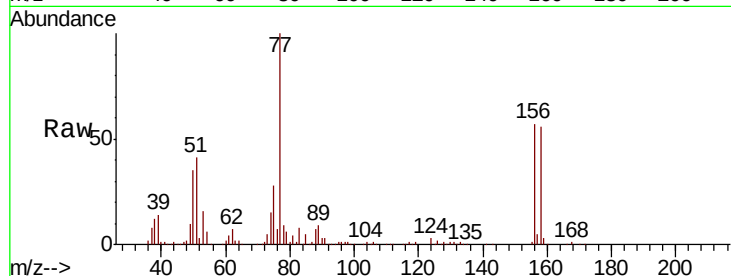
Tot Ion:156 Resp: 176825

Ion Ratio Lower Upper

156 100

77 206.0 101.1 303.3

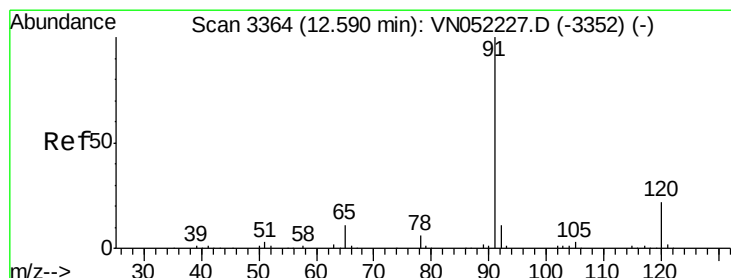
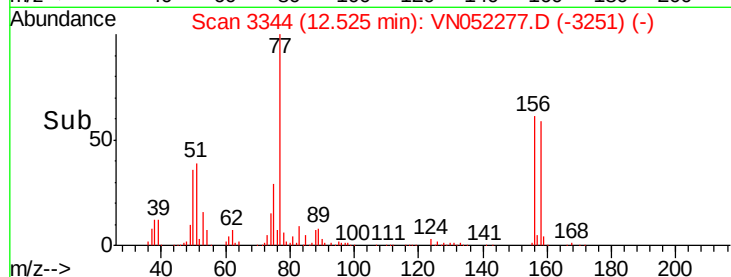
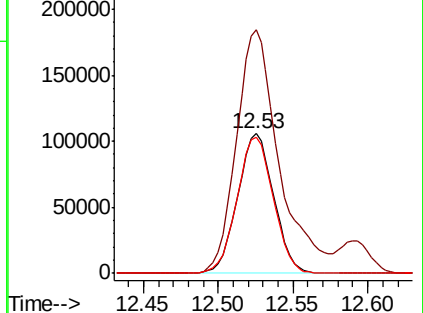
158 98.6 47.8 143.3



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: 50.006 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052277.D

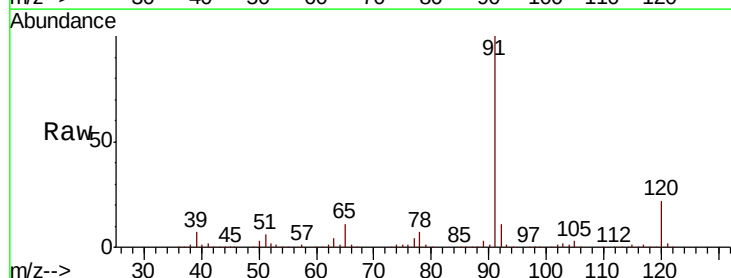
Acq: 13 Nov 2018 10:36

Tgt Ion: 91 Resp: 924441

Ion Ratio Lower Upper

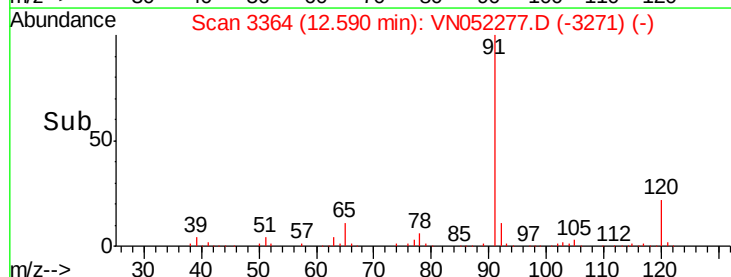
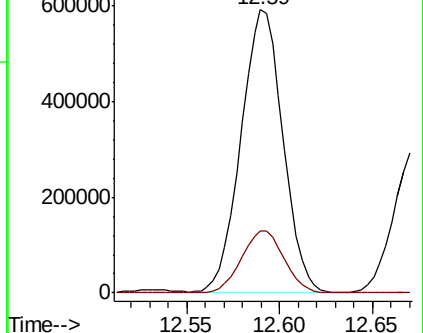
91 100

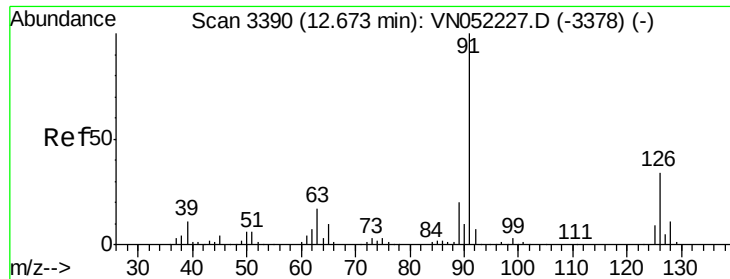
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

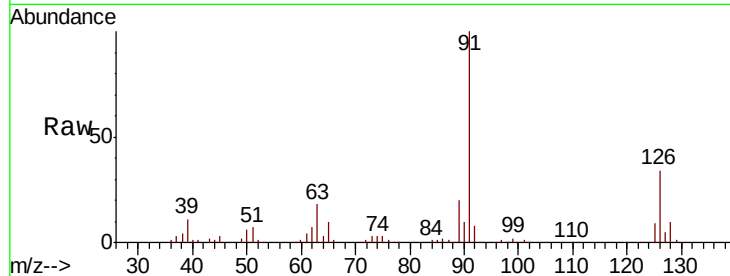




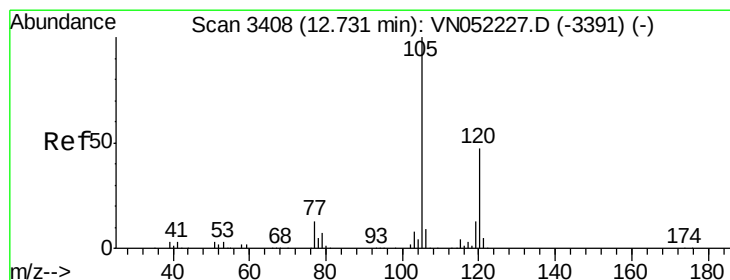
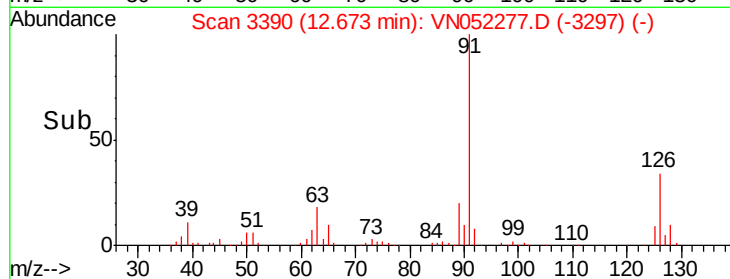
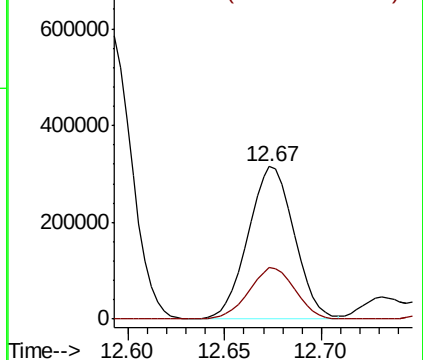
#79
 2-Chlorotoluene
 Concen: 48.628 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 520792
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.0 51.0

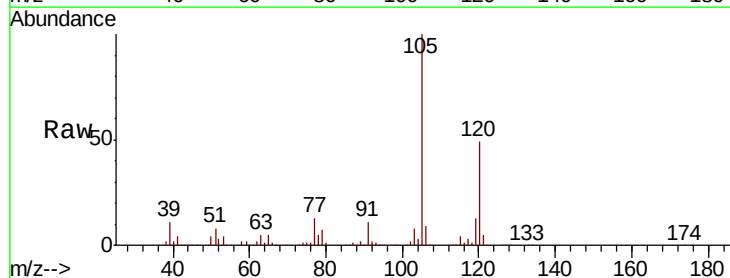


Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3378) (-)
 Ion 125.90 (125.60 to 126.60): VN052227.D (-3378) (-)

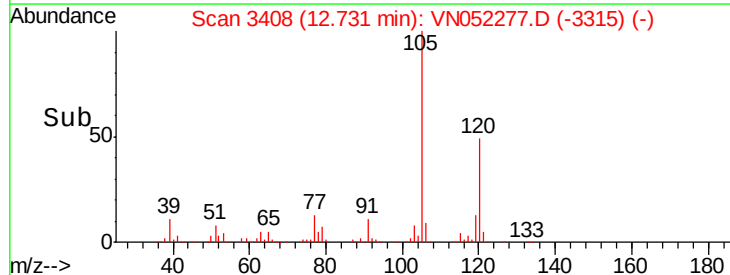
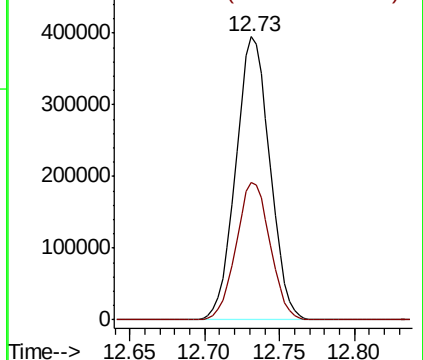


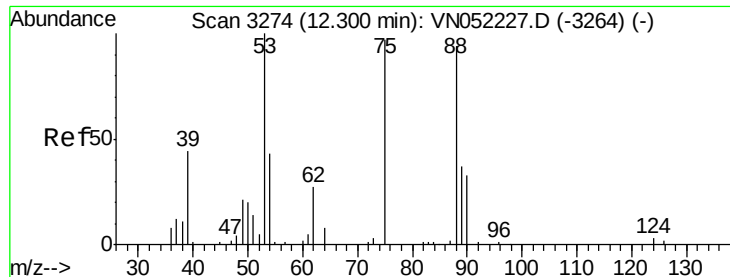
#80
 1,3,5-Trimethylbenzene
 Concen: 49.713 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion: 105 Resp: 624043
 Ion Ratio Lower Upper
 105 100
 120 48.7 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VN052227.D (-3391) (-)
 Ion 120.00 (119.70 to 120.70): VN052227.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.970 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

ClientSampled :

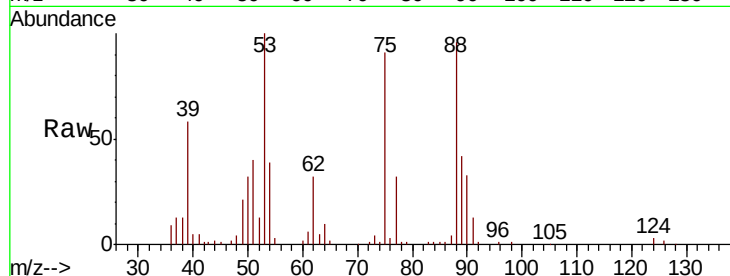
Tot Ion: 75 Resp: 53013

Ion Ratio Lower Upper

75 100

53 111.0 84.0 126.0

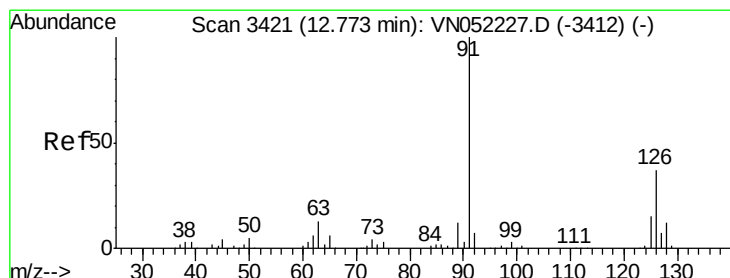
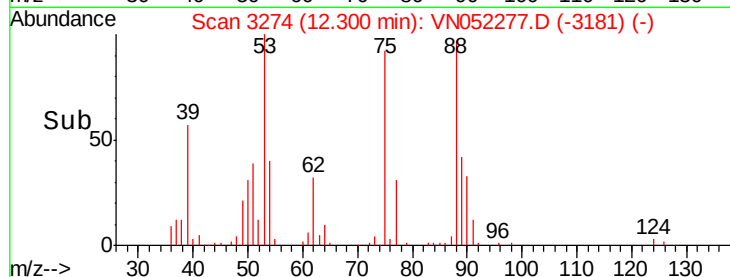
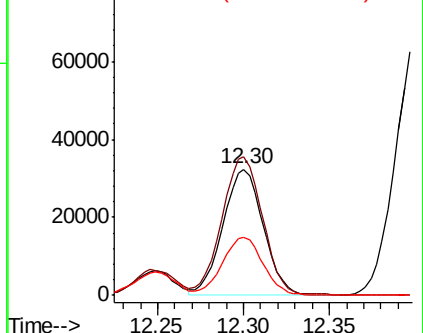
89 45.9 33.7 50.5



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: 50.105 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052277.D

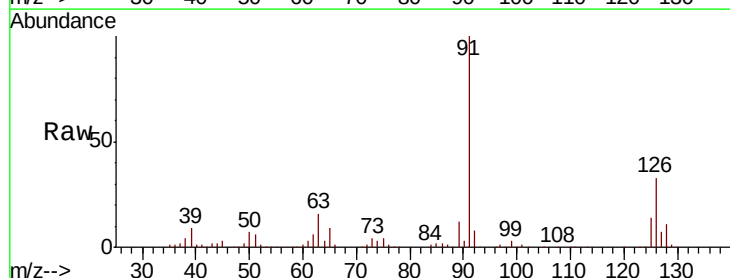
Acq: 13 Nov 2018 10:36

Tgt Ion: 91 Resp: 538421

Ion Ratio Lower Upper

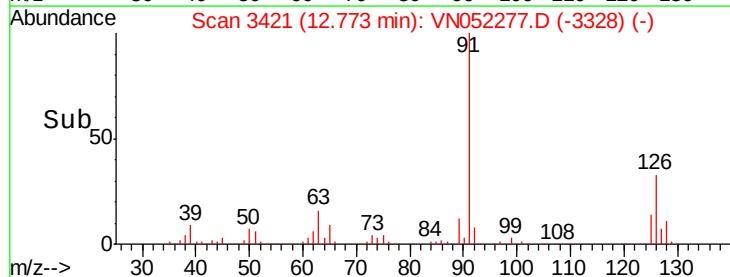
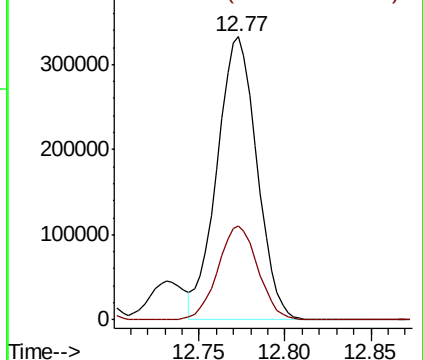
91 100

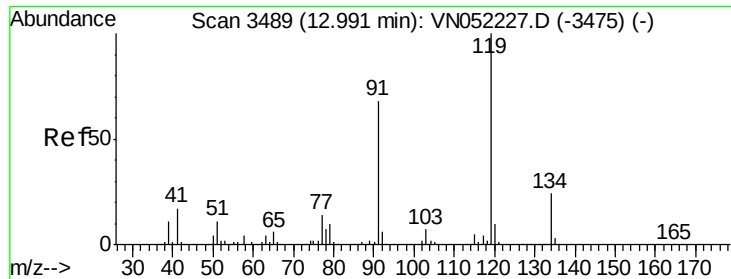
126 33.4 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

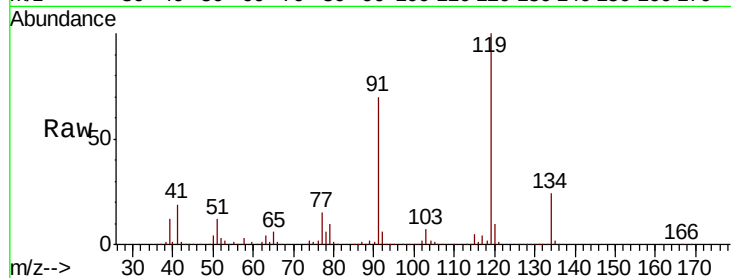




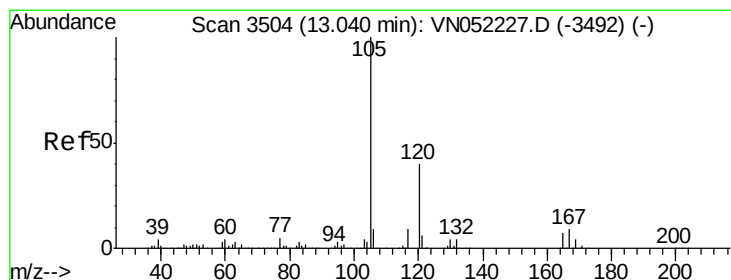
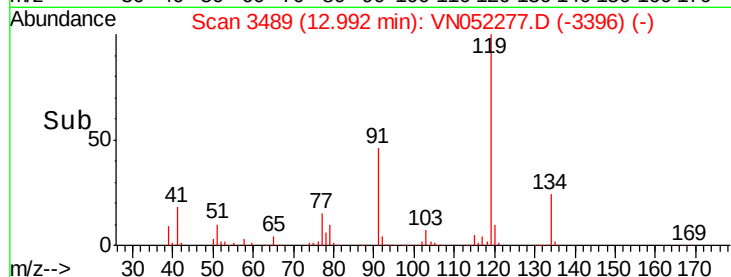
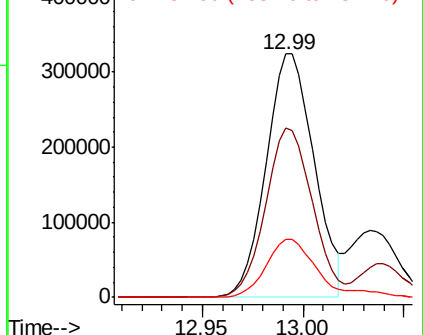
#83
tert-Butylbenzene
Concen: 48.814 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 534957
Ion Ratio Lower Upper
119 100
91 68.1 33.5 100.4
134 25.9 13.0 38.9

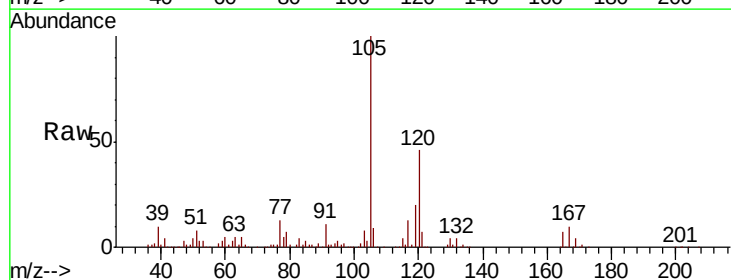


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

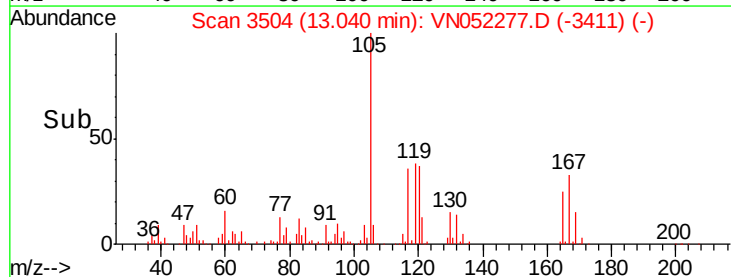
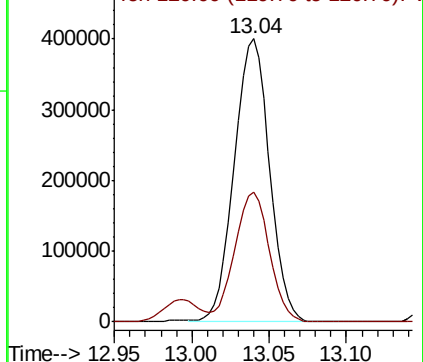


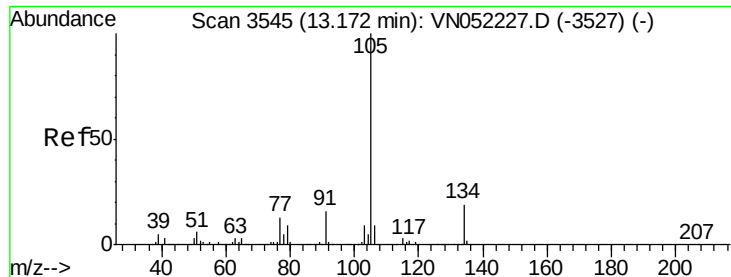
#84
1,2,4-Trimethylbenzene
Concen: 50.078 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion:105 Resp: 633822
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.1



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

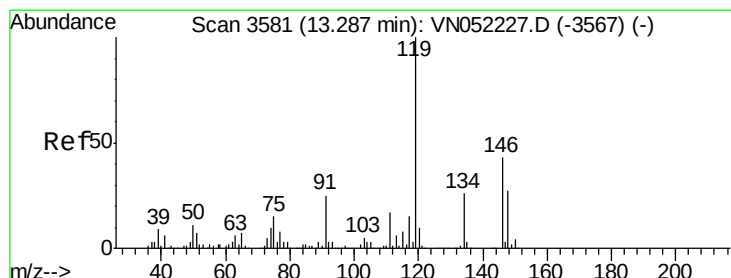
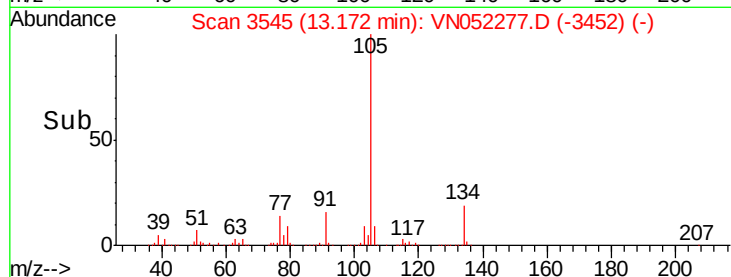
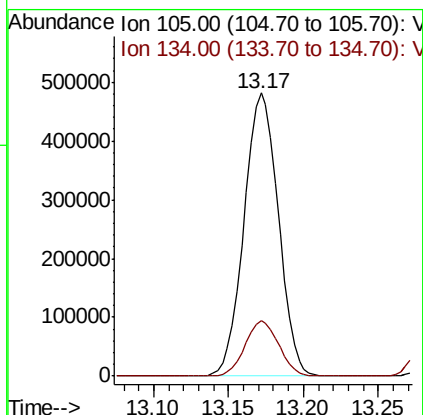
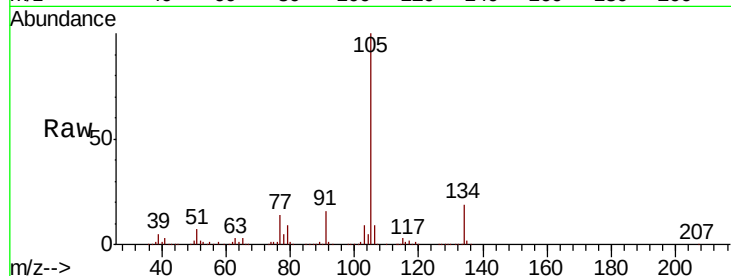




#85
 sec-Butylbenzene
 Concen: 51.122 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

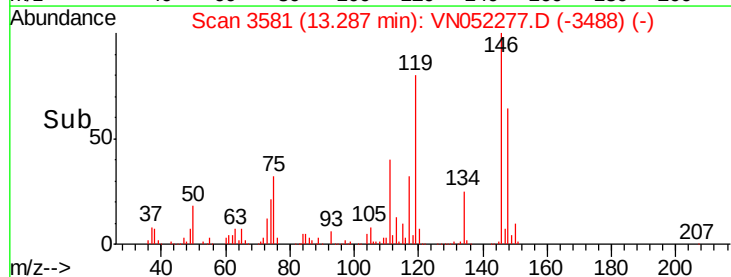
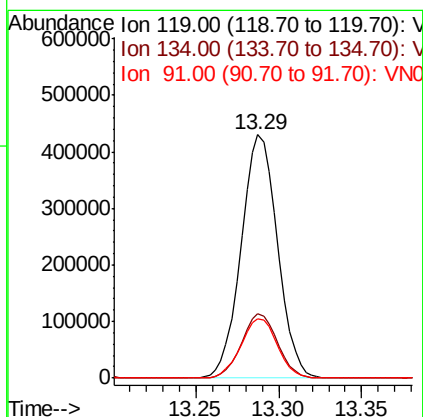
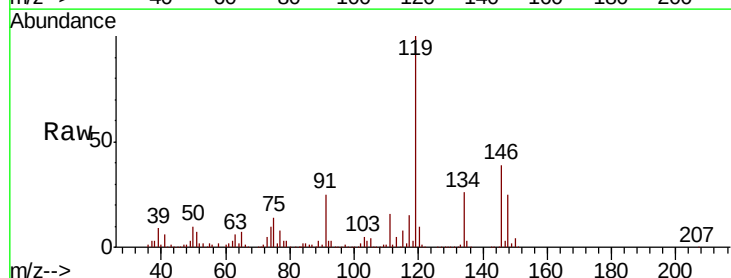
Instrument :
 MSVOA_N
 ClientSampled :

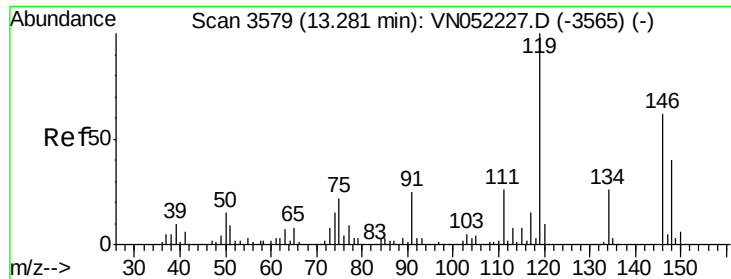
Tot Ion:105 Resp: 768312
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 52.038 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion:119 Resp: 654279
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.6
 91 24.6 12.4 37.0

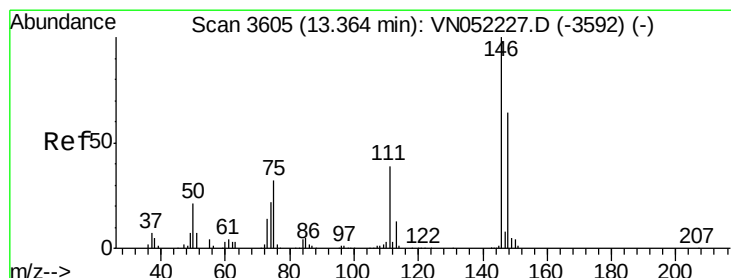
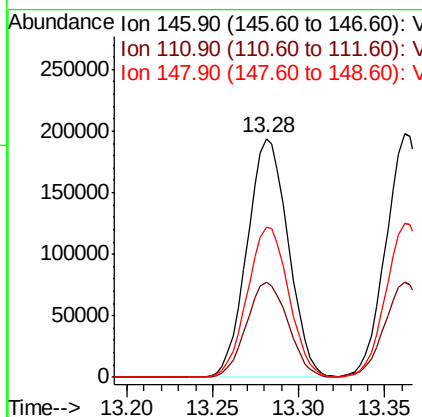
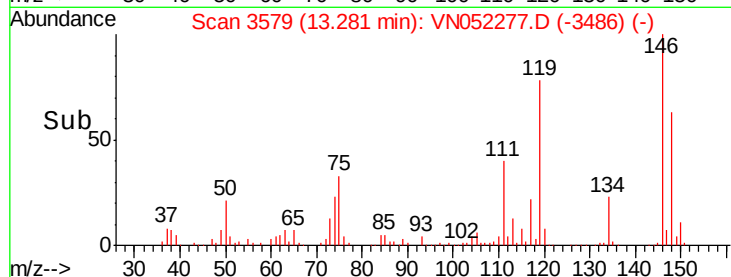
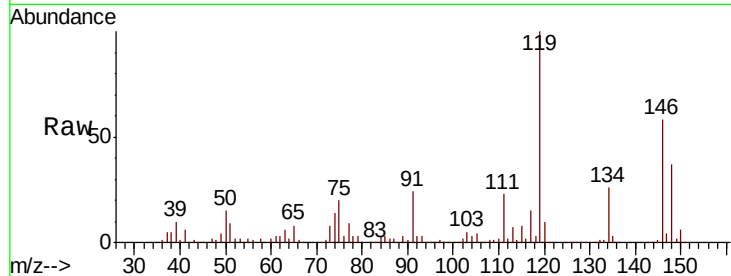




#87
 1,3-Dichlorobenzene
 Concen: 50.067 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

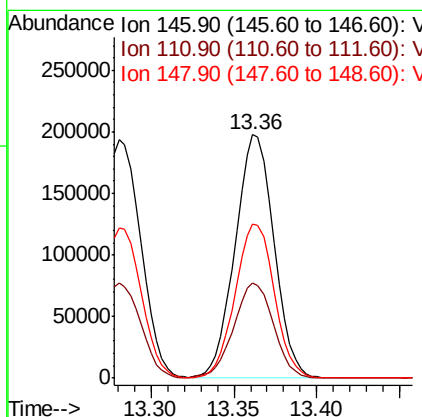
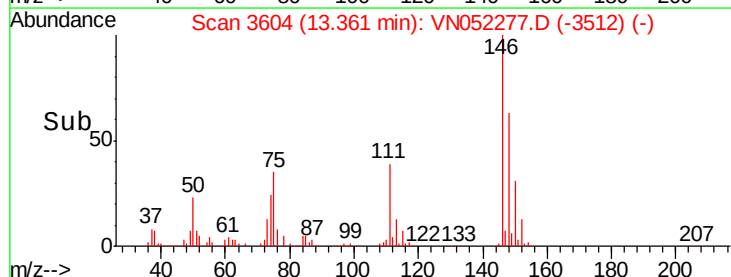
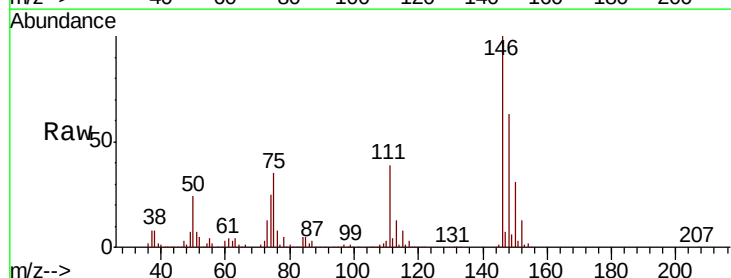
Instrument :
 MSVOA_N
 ClientSampled :

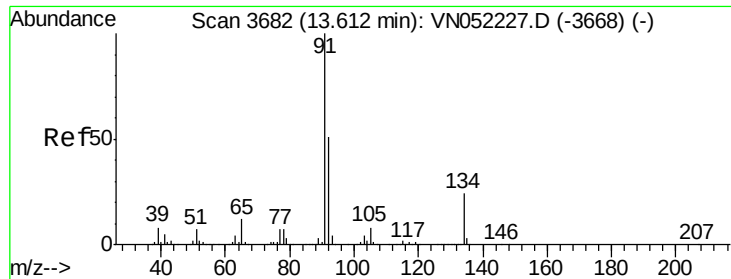
Tot Ion:146 Resp: 322026
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.1 60.3
 148 63.3 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 50.127 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion:146 Resp: 322770
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.2 60.6
 148 63.7 32.1 96.3

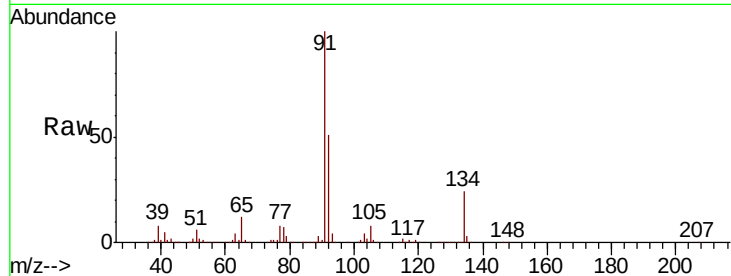




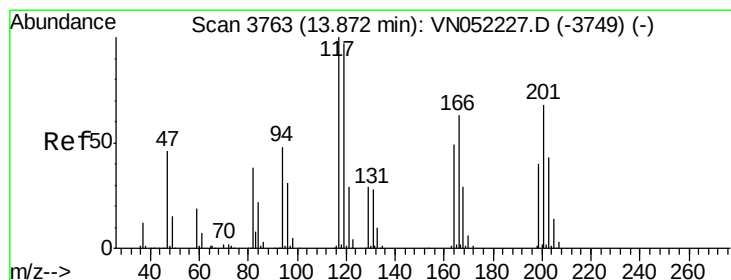
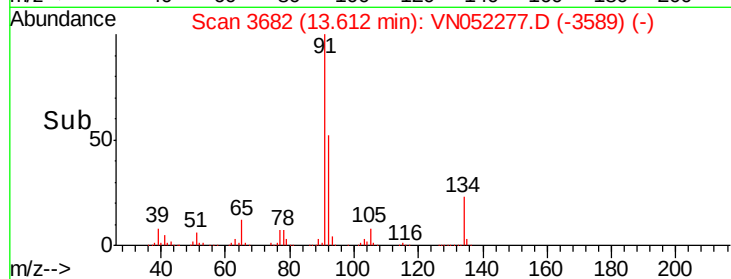
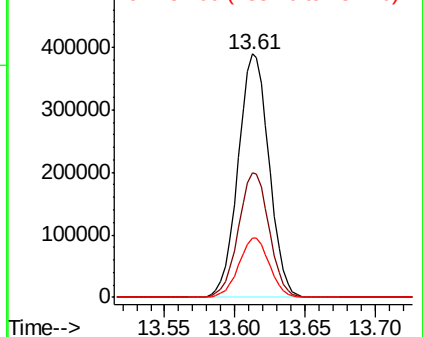
#89
n-Butylbenzene
Concen: 53.326 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 597014
Ion Ratio Lower Upper
91 100
92 51.1 25.1 75.3
134 24.3 12.0 36.1

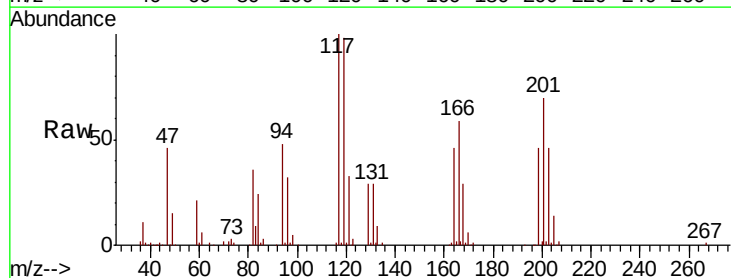


Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3668) (-)
Ion 92.00 (91.70 to 92.70): VN052227.D (-3668) (-)
Ion 134.00 (133.70 to 134.70): VN052227.D (-3668) (-)

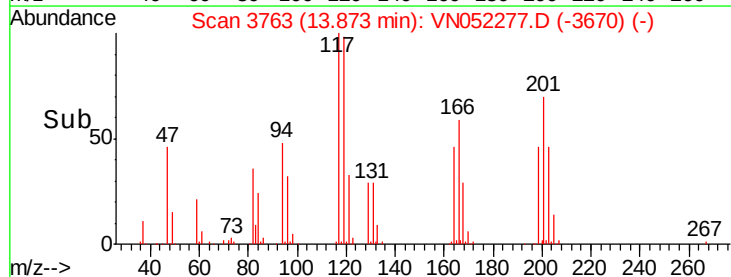
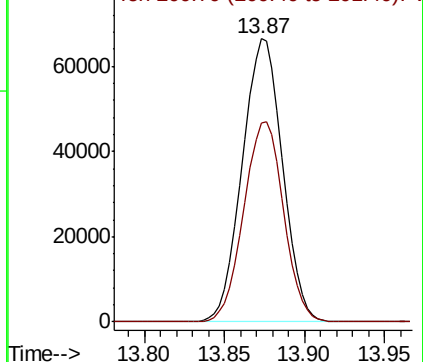


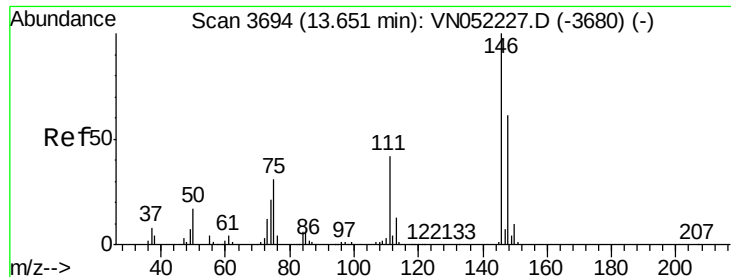
#90
Hexachloroethane
Concen: 51.700 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN052277.D
Acq: 13 Nov 2018 10:36

Tgt Ion: 117 Resp: 114092
Ion Ratio Lower Upper
117 100
201 69.9 34.6 103.9



Abundance Ion 116.80 (116.50 to 117.50): VN052227.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN052227.D (-3749) (-)

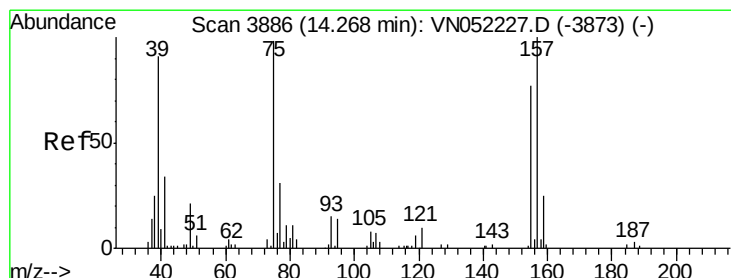
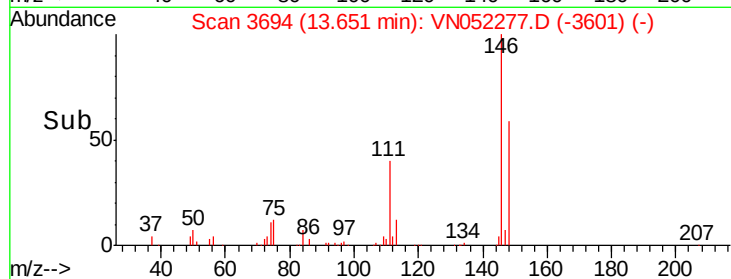
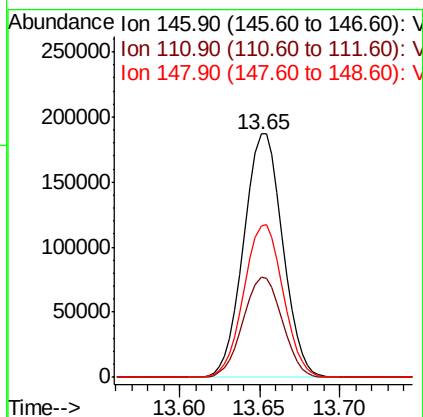
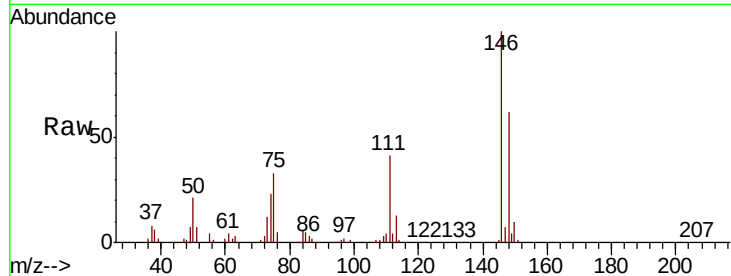




#91
 1,2-Dichlorobenzene
 Concen: 49.553 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

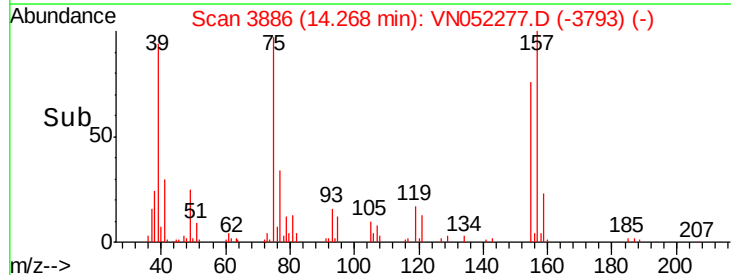
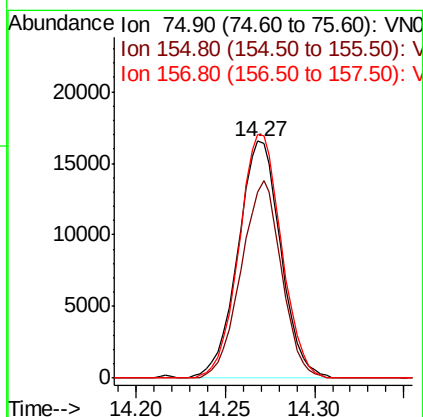
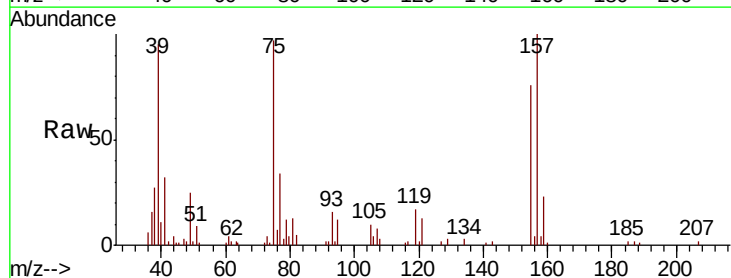
Instrument :
 MSVOA_N
 ClientSampled :

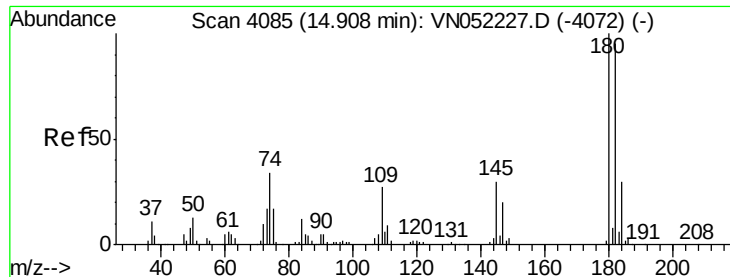
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	21.1	63.3
148	63.0	31.3	93.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.534 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.6	40.2	120.5
157	101.6	51.7	155.2

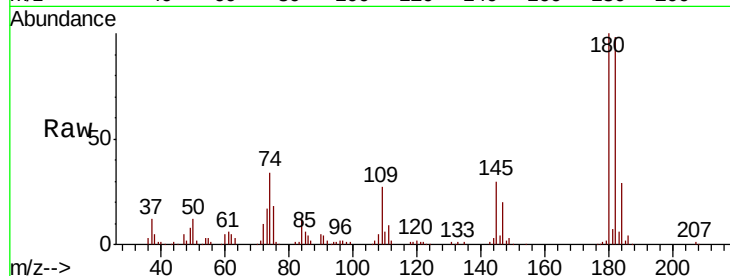




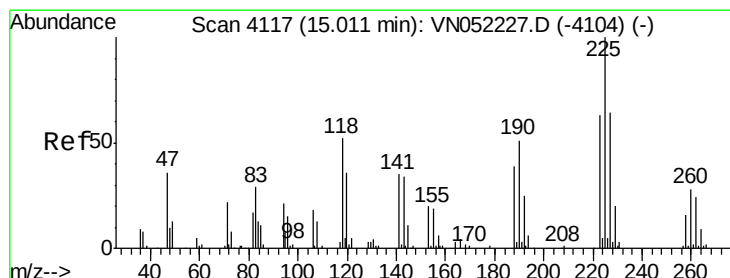
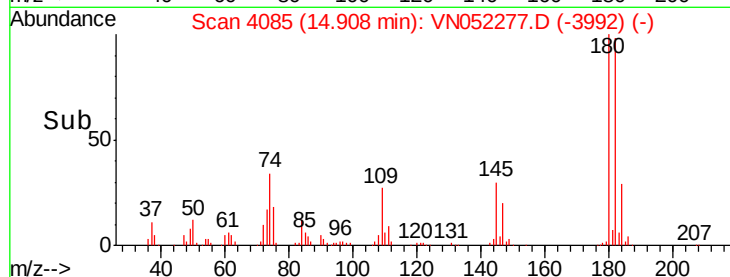
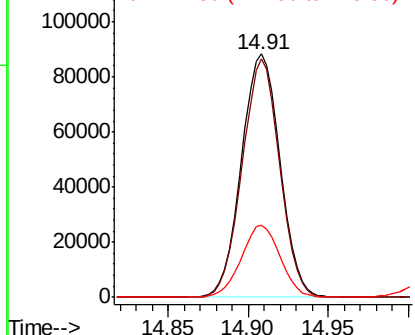
#93
 1,2,4-Trichlorobenzene
 Concen: 58.571 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 145380
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.3 142.0
 145 29.9 15.6 46.8

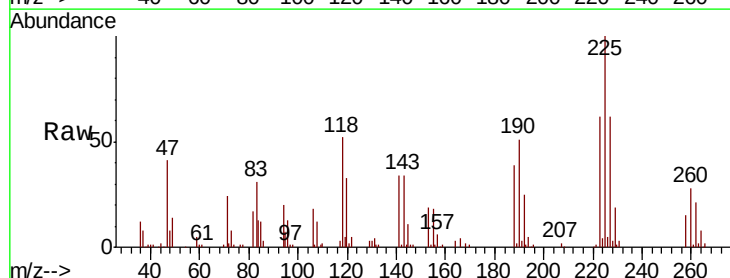


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

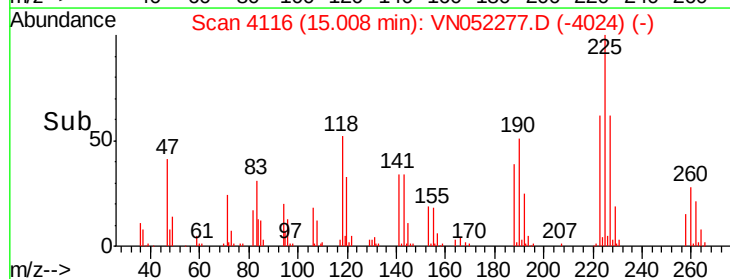
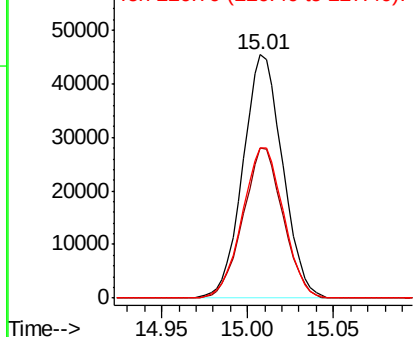


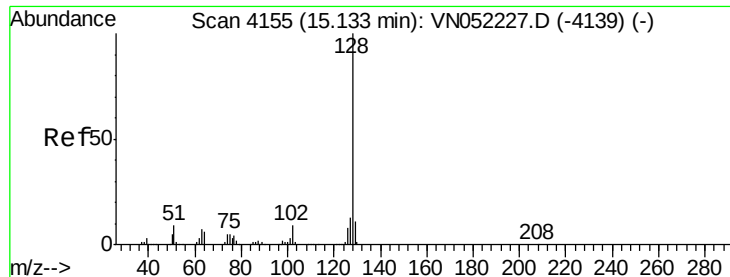
#94
 Hexachlorobutadiene
 Concen: 53.869 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN052277.D
 Acq: 13 Nov 2018 10:36

Tgt Ion:225 Resp: 72657
 Ion Ratio Lower Upper
 225 100
 223 62.1 32.1 96.3
 227 64.1 31.8 95.4



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: 54.491 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

Instrument :

MSVOA_N

ClientSampleId :

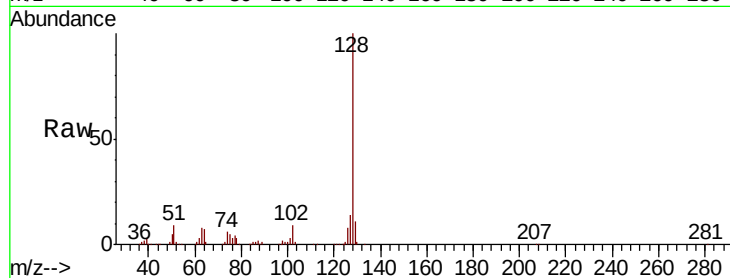
Tot Ion:128 Resp: 333348

Ion Ratio Lower Upper

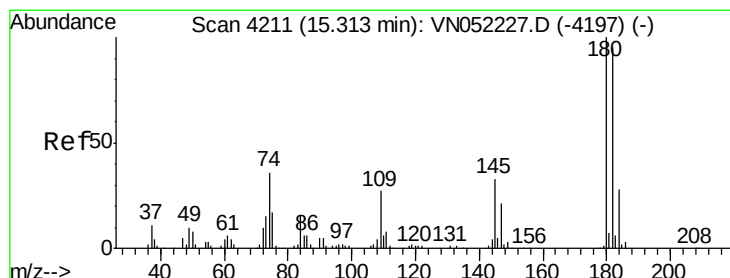
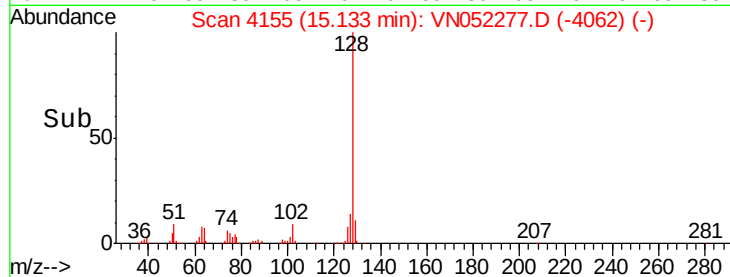
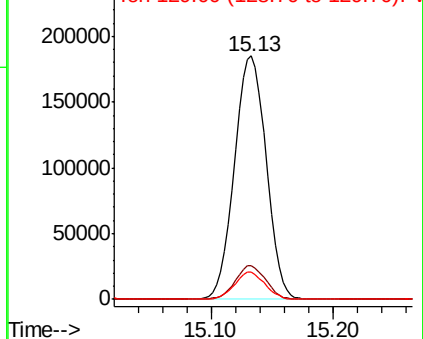
128 100

127 13.3 10.6 16.0

129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.843 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN052277.D

Acq: 13 Nov 2018 10:36

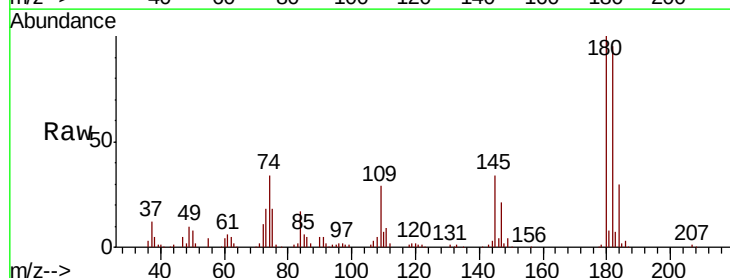
Tgt Ion:180 Resp: 128704

Ion Ratio Lower Upper

180 100

182 94.6 47.7 143.1

145 33.4 16.8 50.3



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

