

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053679.D
 Acq On : 8 Feb 2019 14:10
 Operator : JC/SP
 Sample : K1409-04
 Misc : 3.94g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 02:35:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	759603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1163997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1080123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	544575	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	352655	46.28	ug/l	0.00
Spiked Amount			Recovery	=	92.56%	
35) Dibromofluoromethane	7.59	113	343163	46.66	ug/l	0.00
Spiked Amount			Recovery	=	93.32%	
50) Toluene-d8	10.09	98	1532209	55.48	ug/l	0.00
Spiked Amount			Recovery	=	110.96%	
62) 4-Bromofluorobenzene	12.40	95	532985	57.87	ug/l	0.00
Spiked Amount			Recovery	=	115.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.77	59	243	0.539	ug/l #	72
13) Acrolein	3.79	56	54023	220.014	ug/l #	75
14) Allyl chloride	4.58	41	2408312	215.032	ug/l #	60
15) Acrylonitrile	5.05	53	115507	47.443	ug/l #	40
16) Acetone	3.78	43	149516	76.494	ug/l #	50
18) Methyl Acetate	4.58	43	6440498	1112.606	ug/l #	51
20) Methylene Chloride	4.53	84	5159	0.629	ug/l #	1
23) Vinyl Acetate	5.91	43	6579	0.458	ug/l #	72
25) 2-Butanone	6.82	43	52444	18.813	ug/l #	47
26) 2,2-Dichloropropane	6.62	77	15642	1.480	ug/l #	51
29) Tetrahydrofuran	7.22	42	3094	1.728	ug/l #	33
30) Chloroform	7.32	83	91031	6.634	ug/l #	18
31) Cyclohexane	7.63	56	1816537	141.266	ug/l #	54
36) 1,1-Dichloropropene	7.66	75	47499	4.527	ug/l #	48
37) Ethyl Acetate	6.82	43	52444	8.949	ug/l #	69
38) Carbon Tetrachloride	7.66	117	61335	5.803	ug/l #	15
39) Methylcyclohexane	9.08	83	2970591	238.630	ug/l	98
41) Methacrylonitrile	7.21	41	24601	7.511	ug/l #	51
42) 1,2-Dichloroethane	8.16	62	5674	0.591	ug/l #	1
43) Isopropyl Acetate	8.15	43	575009	50.808	ug/l #	52
45) 1,2-Dichloropropane	9.14	63	2341	0.283	ug/l #	1
46) Dibromomethane	9.15	93	4517	0.905	ug/l #	1
47) Bromodichloromethane	9.38	83	143564	13.840	ug/l #	28
48) Methyl methacrylate	9.14	41	352923	65.329	ug/l #	40
51) 4-Methyl-2-Pentanone	9.87	43	2675871	481.154	ug/l #	40
55) 1,1,2-Trichloroethane	10.53	97	743866	107.497	ug/l #	19
56) Ethyl methacrylate	10.43	69	23307	2.847	ug/l #	24
58) 2-Chloroethyl Vinyl ether	9.43	63	388	8.083	ug/l	99
59) 2-Hexanone	10.72	43	441780	117.014	ug/l #	28
61) 1,2-Dibromoethane	10.98	107	3835	0.560	ug/l #	1
64) Tetrachloroethene	10.63	164	3273	0.353	ug/l #	87
65) Chlorobenzene	11.54	112	9732	0.424	ug/l #	43
67) Ethyl Benzene	11.51	91	214085	5.680	ug/l	99
68) m/p-Xylenes	11.62	106	125537	8.727	ug/l	97

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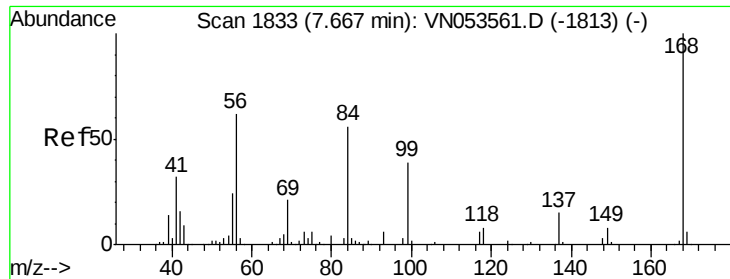
Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 09 02:35:17 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

71) Bromoform	12.15	173	1988	0.362	ug/l #	28
73) Isopropylbenzene	12.25	105	411854	10.758	ug/l	98
74) N-amyl acetate	12.04	43	239857	26.055	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.49	83	5964	0.651	ug/l #	1
76) 1,2,3-Trichloropropane	12.59	75	12504	1.788	ug/l #	100
77) Bromobenzene	12.56	156	150112	14.549	ug/l #	1
78) n-propylbenzene	12.59	91	2282732	51.581	ug/l	100
79) 2-Chlorotoluene	12.65	91	414964	15.805	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.73	105	2158096	67.980	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	227006	91.258	ug/l #	15
82) 4-Chlorotoluene	12.73	91	206339	7.659	ug/l #	41
83) tert-Butylbenzene	13.04	119	538288	19.185	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.04	105	4290100	132.643	ug/l	99
85) sec-Butylbenzene	13.17	105	427240	11.190	ug/l #	47
86) p-Isopropyltoluene	13.29	119	235531	7.053	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	3805	0.207	ug/l #	1
89) n-Butylbenzene	13.62	91	1135702	39.293	ug/l #	76
90) Hexachloroethane	13.89	117	287219	52.146	ug/l #	3
92) 1,2-Dibromo-3-Chloropropan	14.30	75	5712	4.374	ug/l #	10
95) Naphthalene	15.13	128	115155	6.383	ug/l #	83

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

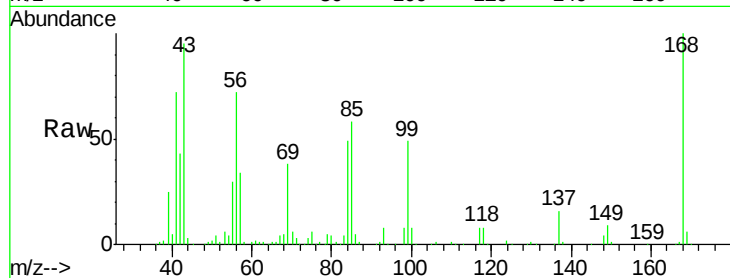
ClientSampleId :

Tot Ion:168 Resp: 759603

Ion Ratio Lower Upper

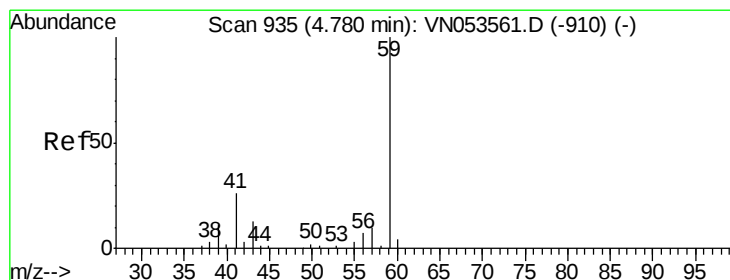
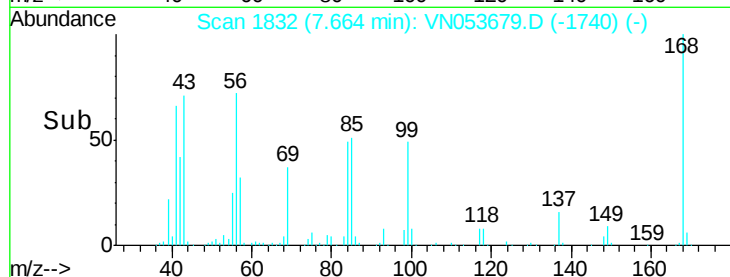
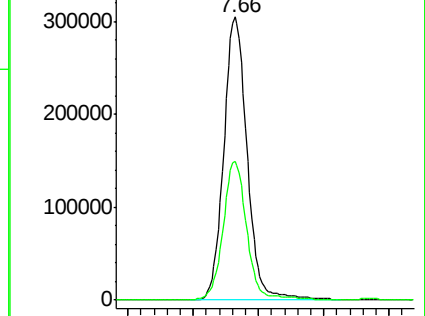
168 100

99 49.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 0.539 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.01 min

Lab File: VN053679.D

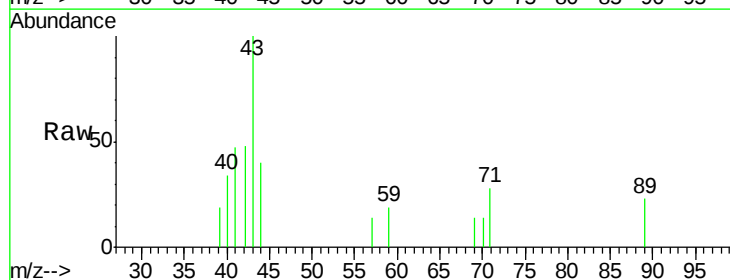
Acq: 8 Feb 2019 14:10

Tgt Ion: 59 Resp: 243

Ion Ratio Lower Upper

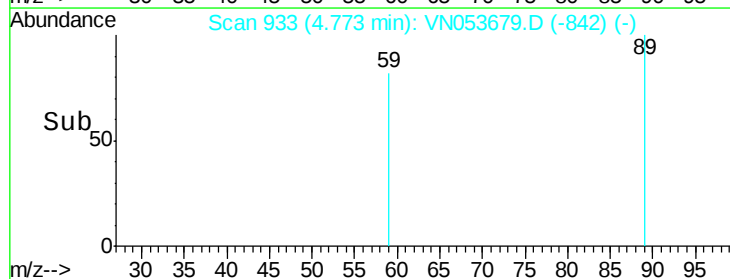
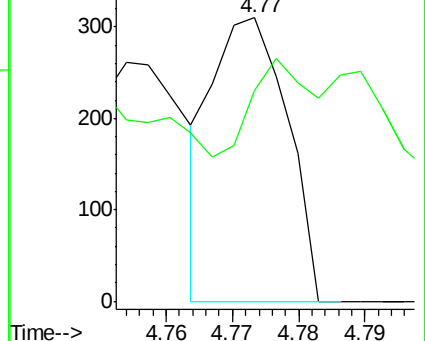
59 100

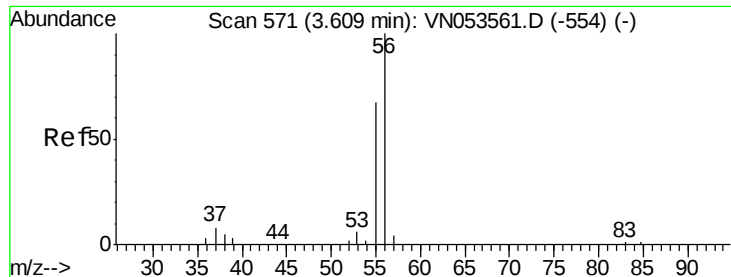
57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#13

Acrolein

Concen: 220.014 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.18 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

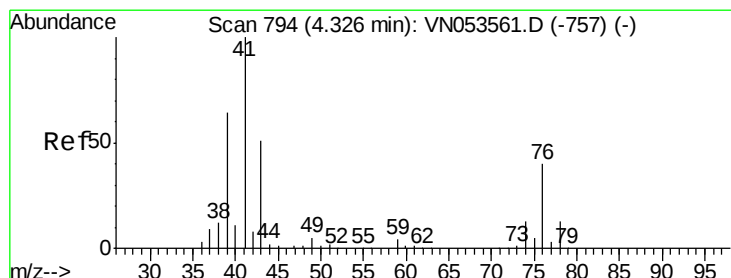
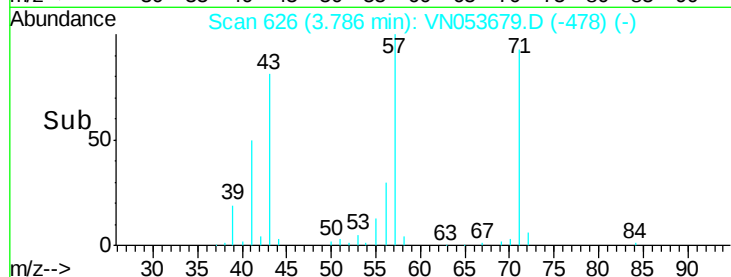
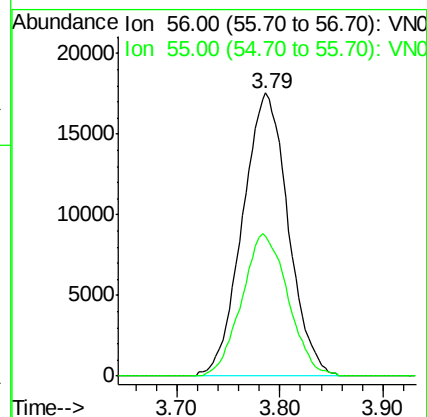
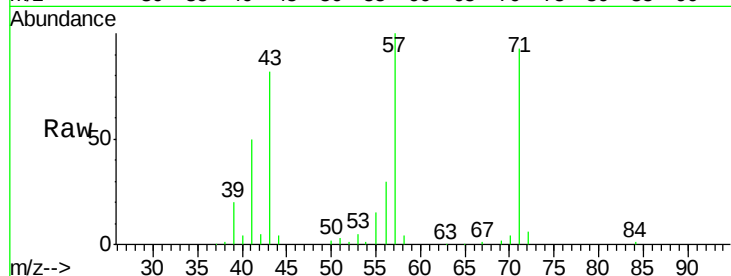
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 54023

Ion Ratio Lower Upper

56 100

55 51.1 57.4 86.0#



#14

Allyl chloride

Concen: 215.032 ug/l

RT: 4.58 min Scan# 874

Delta R.T. 0.26 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

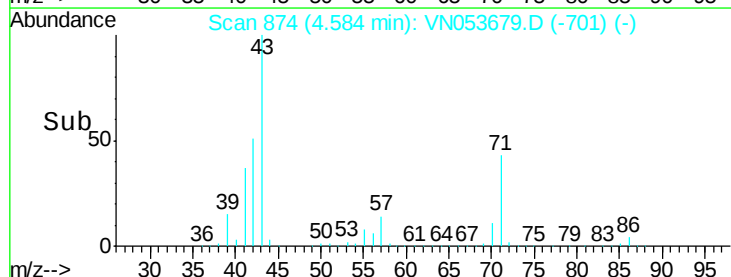
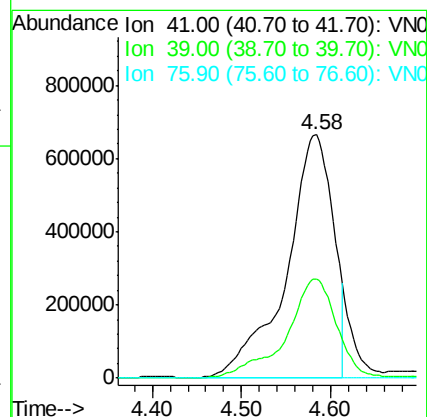
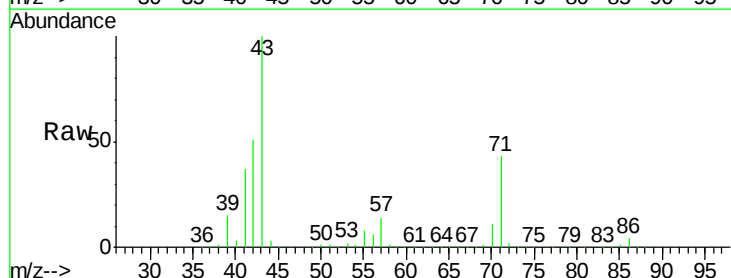
Tgt Ion: 41 Resp: 2408312

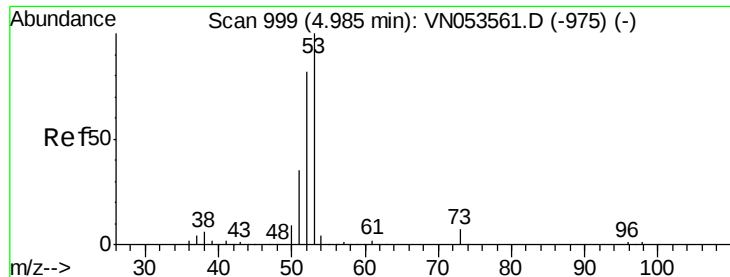
Ion Ratio Lower Upper

41 100

39 40.7 48.9 73.3#

76 0.0 29.4 44.2#





#15

Acrylonitrile

Concen: 47.443 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.06 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

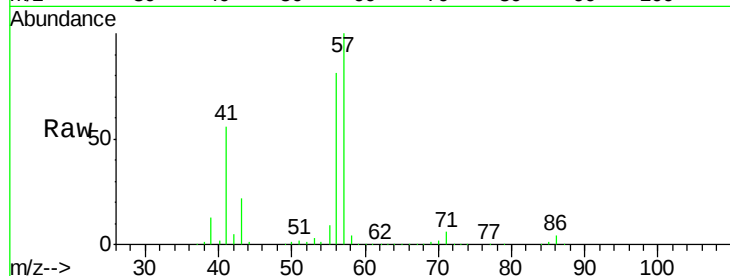
Tot Ion: 53 Resp: 115507

Ion Ratio Lower Upper

53 100

52 19.2 66.0 99.0#

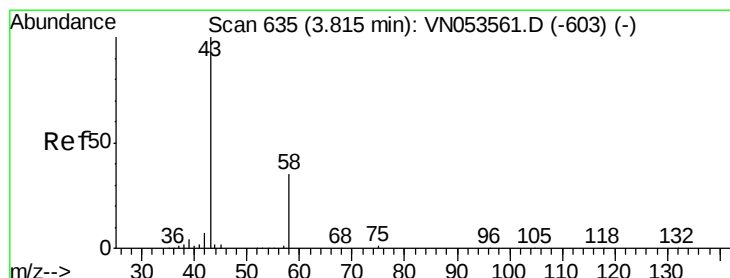
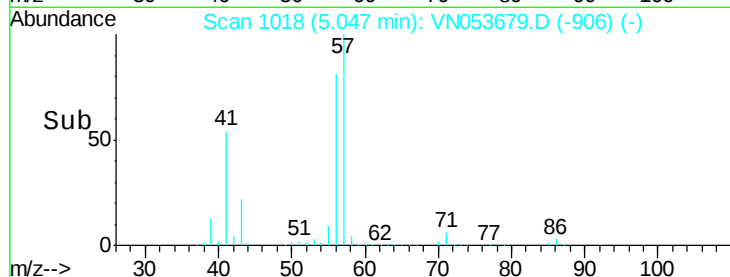
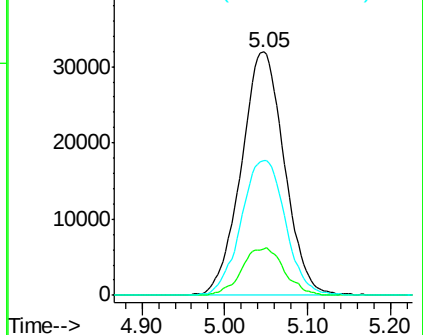
51 57.0 28.3 42.5#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 76.494 ug/l

RT: 3.78 min Scan# 625

Delta R.T. -0.03 min

Lab File: VN053679.D

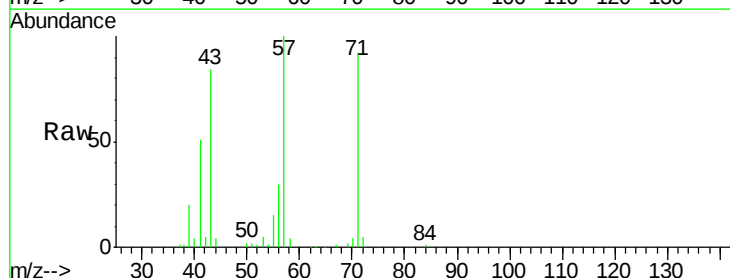
Acq: 8 Feb 2019 14:10

Tgt Ion: 43 Resp: 149516

Ion Ratio Lower Upper

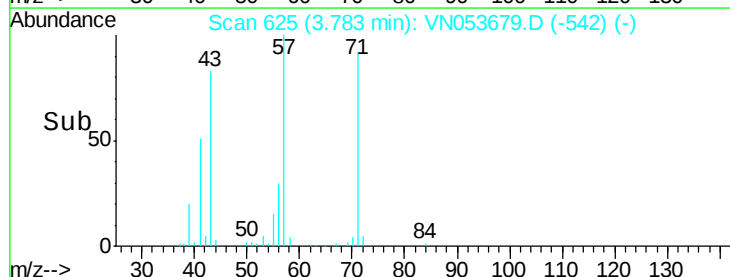
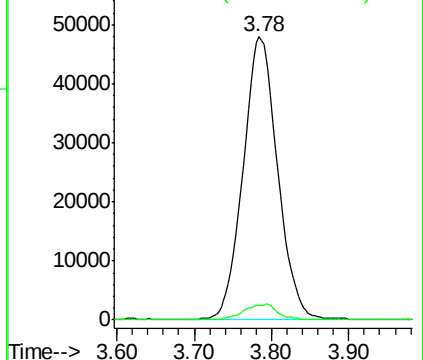
43 100

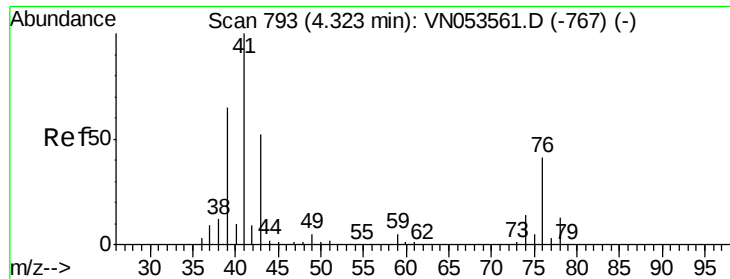
58 5.3 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

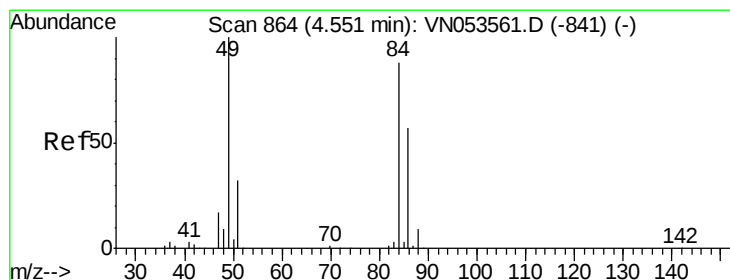
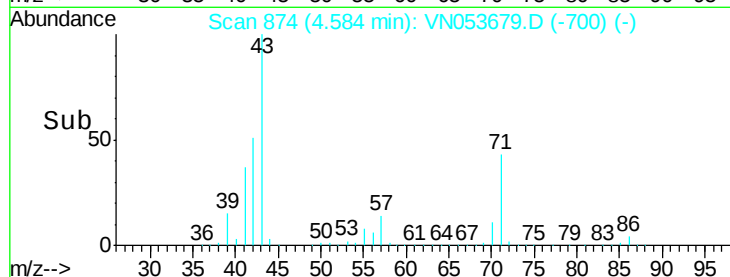
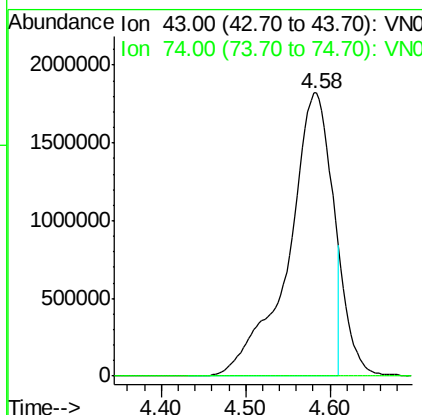
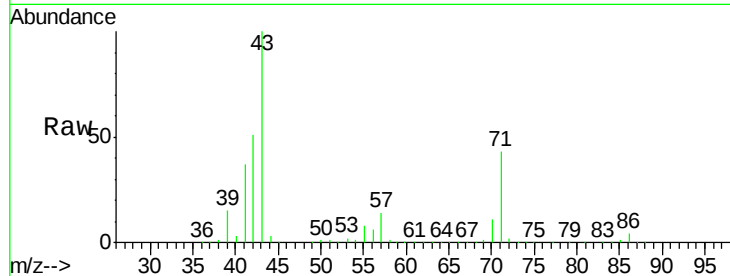




#18
Methvl Acetate
Concen: 1112.606 ug/l
RT: 4.58 min Scan# 874
Delta R.T. 0.26 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

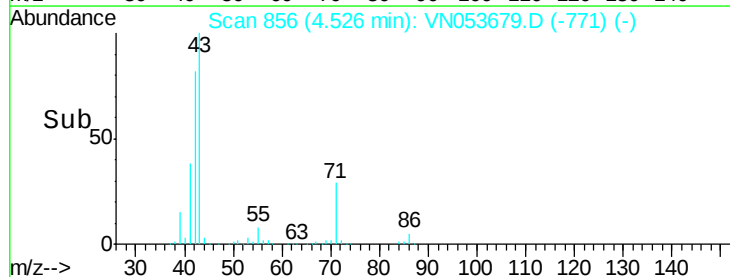
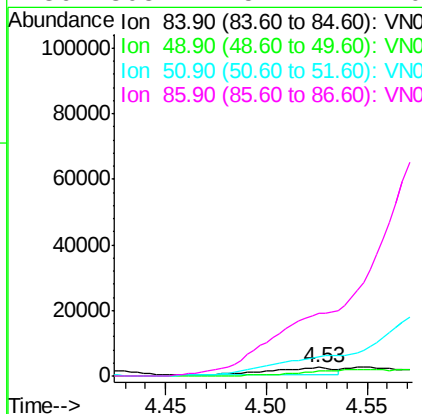
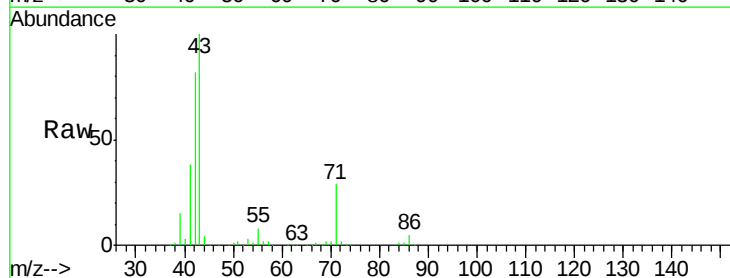
Instrument :
MSVOA_N
ClientSampled :

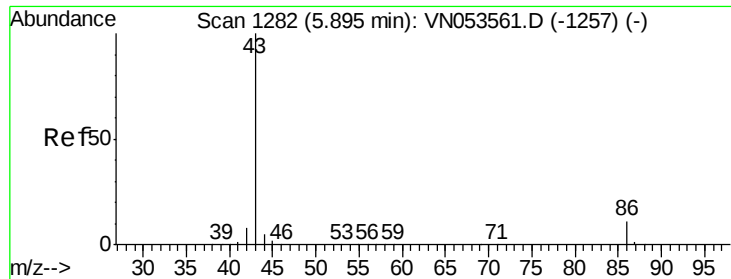
Tot Ion: 43 Resp: 6440498
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: 0.629 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.03 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion: 84 Resp: 5159
Ion Ratio Lower Upper
84 100
49 64.4 94.3 141.5#
51 238.4 29.4 44.2#
86 805.2 51.4 77.0#

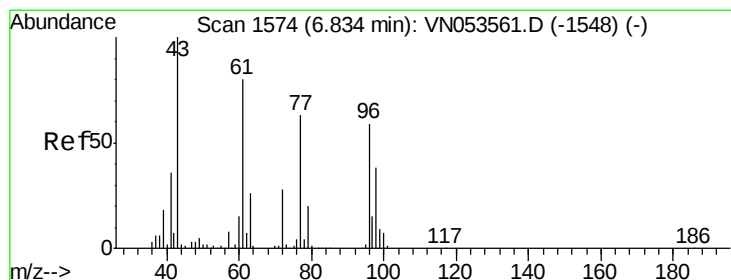
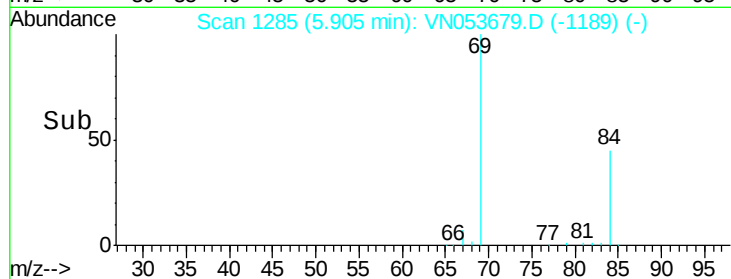
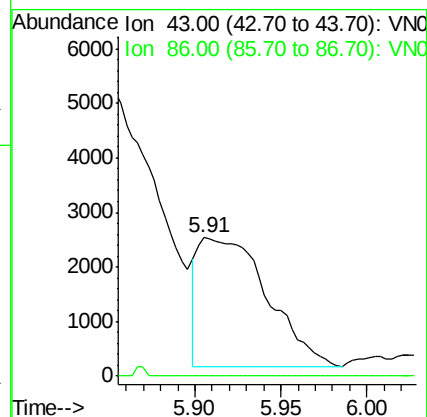
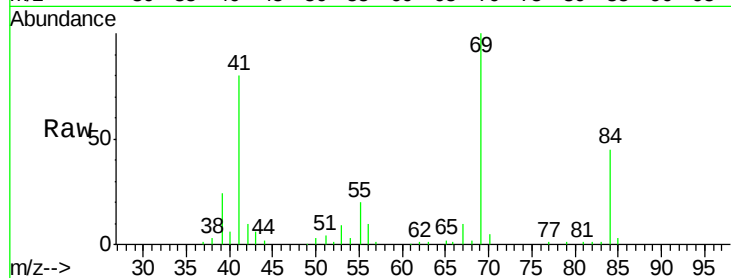




#23
 Vinyl Acetate
 Concen: 0.458 ug/l
 RT: 5.91 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VN053679.D
 Acq: 8 Feb 2019 14:10

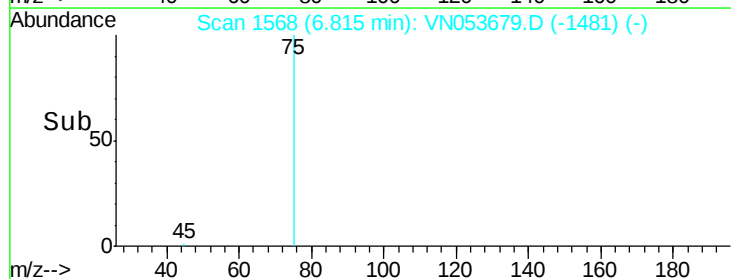
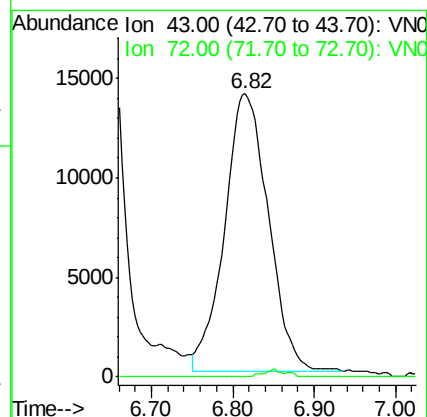
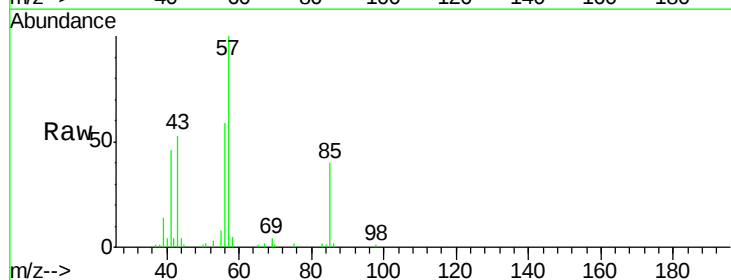
Instrument :
 MSVOA_N
 ClientSampleId :

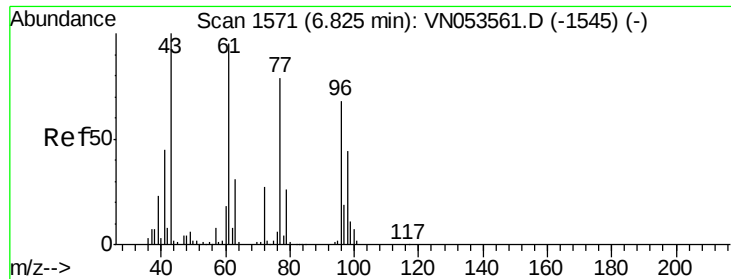
Tot Ion: 43 Resp: 6579
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.4 12.6#



#25
 2-Butanone
 Concen: 18.813 ug/l
 RT: 6.82 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: VN053679.D
 Acq: 8 Feb 2019 14:10

Tgt Ion: 43 Resp: 52444
 Ion Ratio Lower Upper
 43 100
 72 0.0 22.0 33.0#





#26

2,2-Dichloropropane

Concen: 1.480 ug/l

RT: 6.62 min Scan# 1507

Delta R.T. -0.21 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

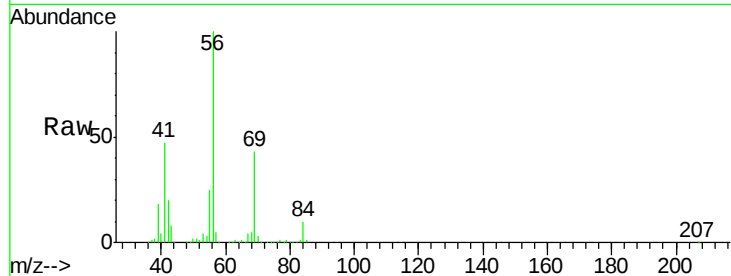
ClientSampled :

Tot Ion: 77 Resp: 15642

Ion Ratio Lower Upper

77 100

97 0.0 12.2 36.6#



Abundance Ion 76.90 (76.60 to 77.60): VNC

Ion 96.90 (96.60 to 97.60): VNC

6.62

5000

4000

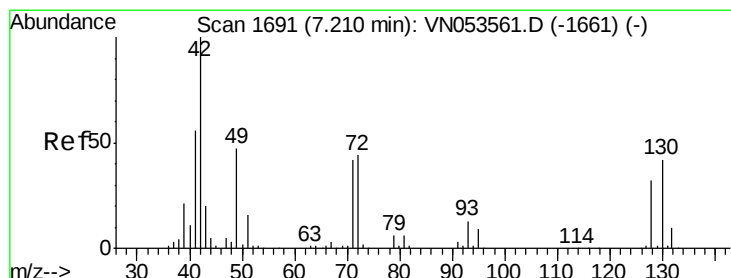
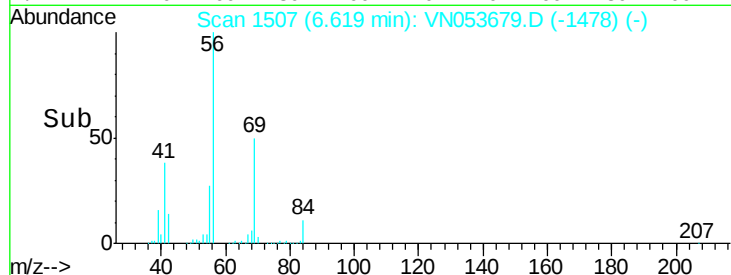
3000

2000

1000

0

Time--> 6.50 6.60 6.70



#29

Tetrahydrofuran

Concen: 1.728 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

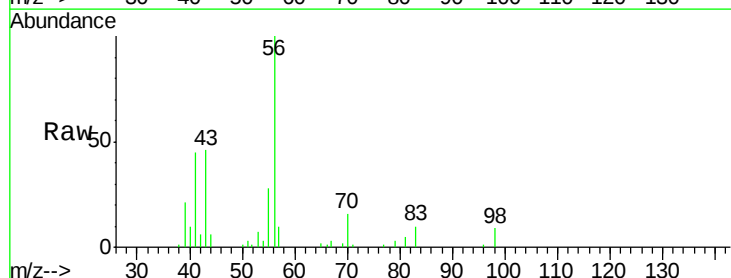
Tgt Ion: 42 Resp: 3094

Ion Ratio Lower Upper

42 100

72 0.0 35.2 52.8#

71 0.0 33.0 49.4#



Abundance Ion 42.00 (41.70 to 42.70): VNC

Ion 72.00 (71.70 to 72.70): VNC

Ion 71.00 (70.70 to 71.70): VNC

2500

2000

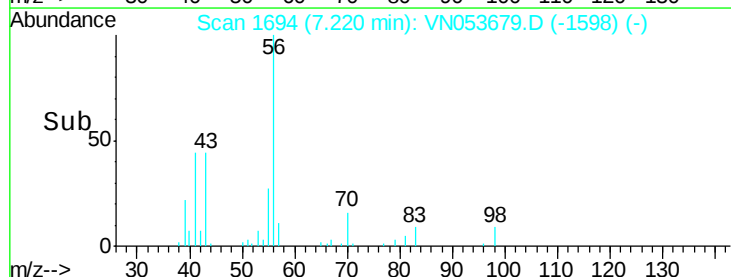
1500

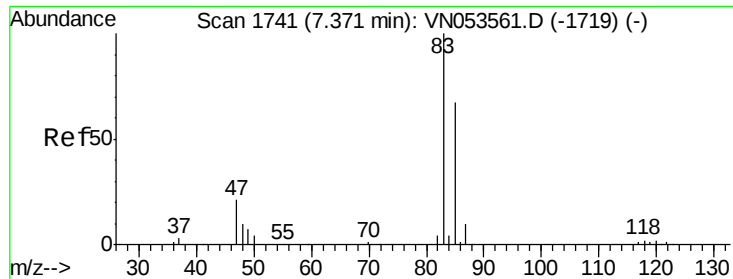
1000

500

0

Time--> 7.15 7.20 7.25

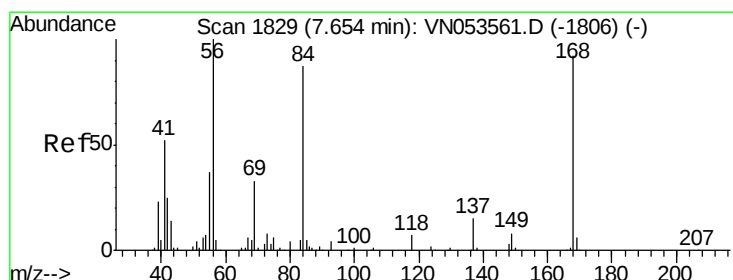
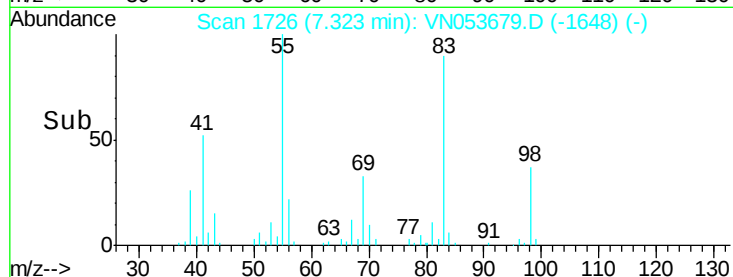
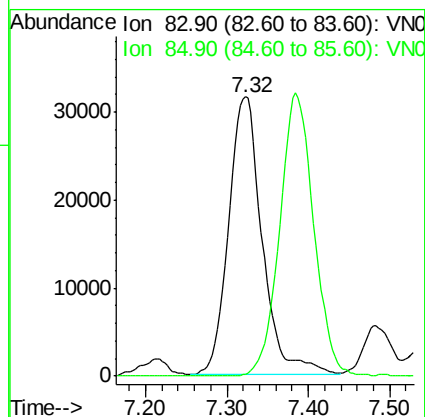
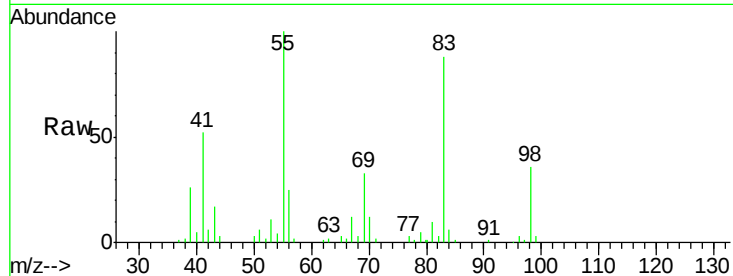




#30
Chloroform
Concen: 6.634 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.05 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

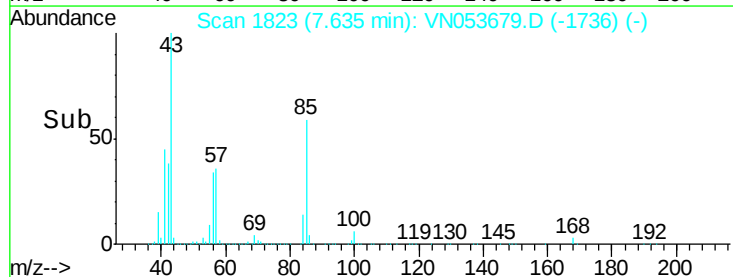
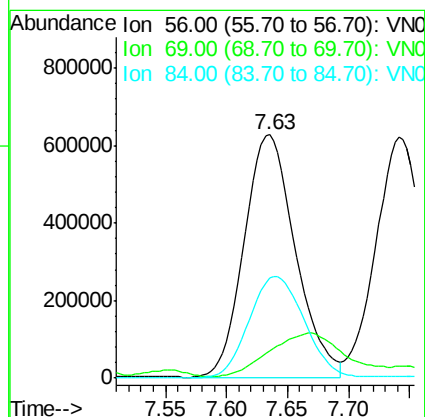
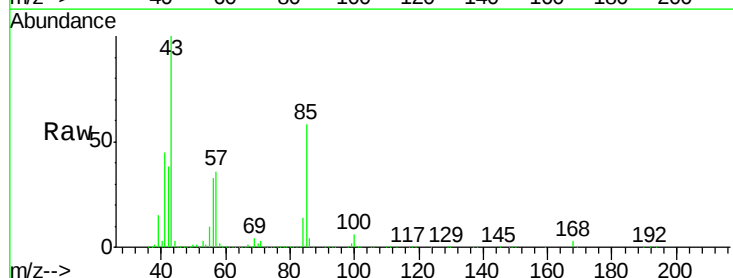
Instrument :
MSVOA_N
ClientSampleId :

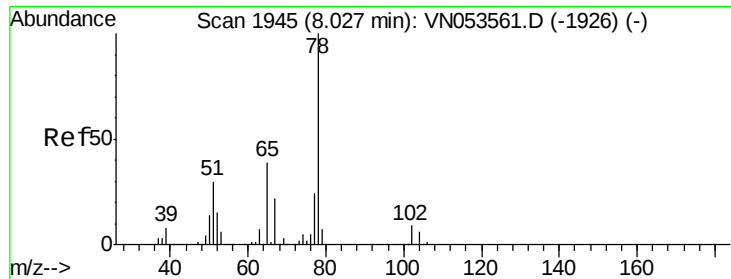
Tot Ion: 83 Resp: 91031
Ion Ratio Lower Upper
83 100
85 0.8 52.2 78.2#



#31
Cyclohexane
Concen: 141.266 ug/l
RT: 7.63 min Scan# 1823
Delta R.T. -0.02 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion: 56 Resp: 1816537
Ion Ratio Lower Upper
56 100
69 9.4 26.4 39.6#
84 41.4 67.9 101.9#





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

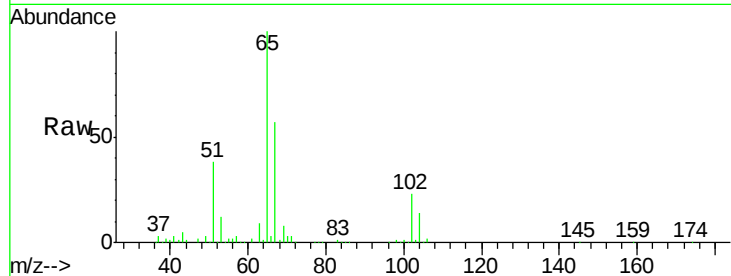
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 65 Resp: 352655

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN053561.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN053561.D (-1926) (-)

8.02

150000

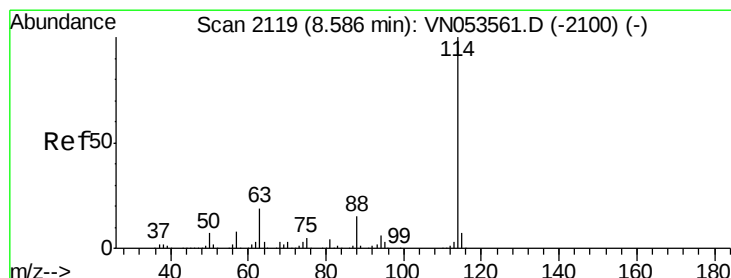
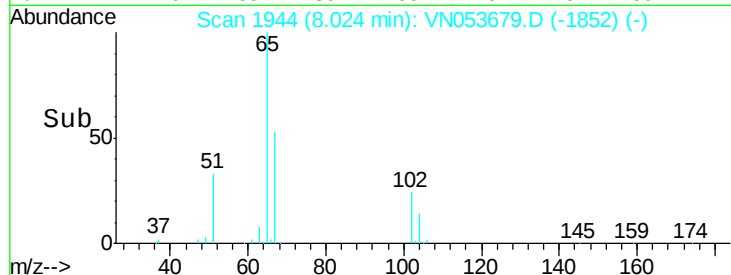
100000

50000

0

8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

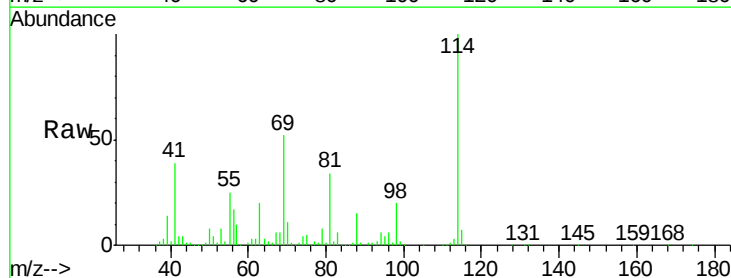
Tgt Ion: 114 Resp: 1163997

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.6

88 15.2 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053561.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053561.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053561.D (-2100) (-)

8.58

600000

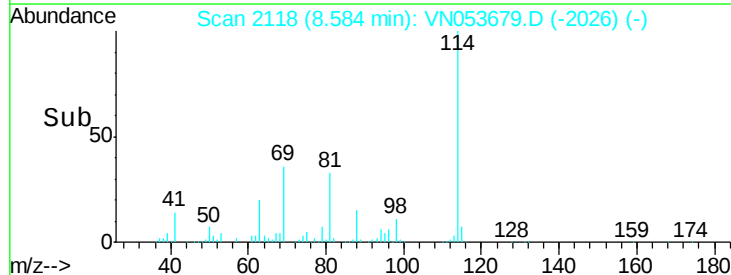
400000

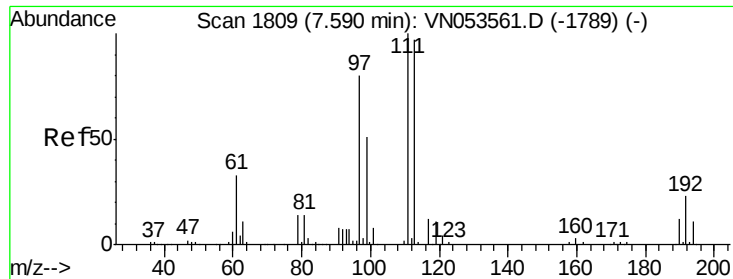
200000

0

8.50 8.60 8.70

Time-->

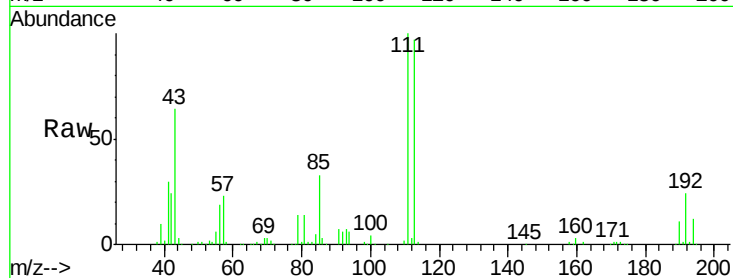




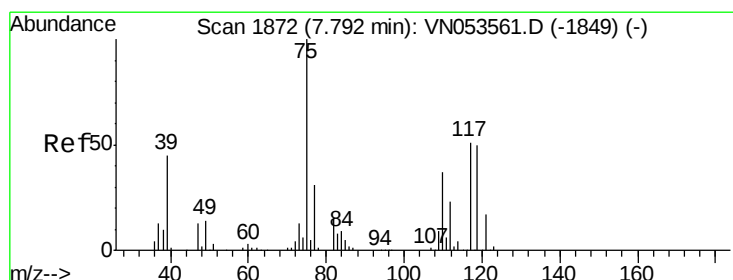
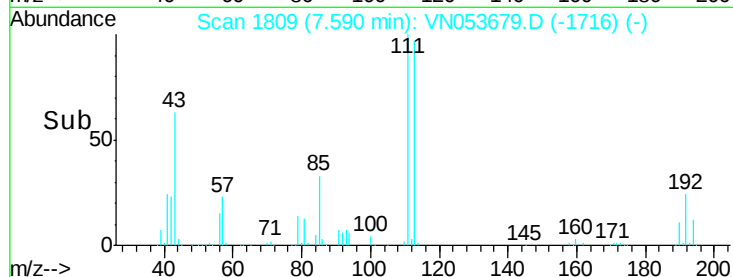
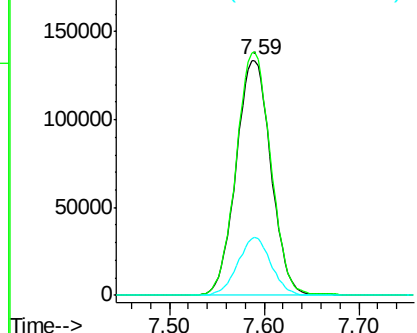
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053679.D
 Acq: 8 Feb 2019 14:10

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 343163
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.1 121.7
 192 23.5 18.2 27.2

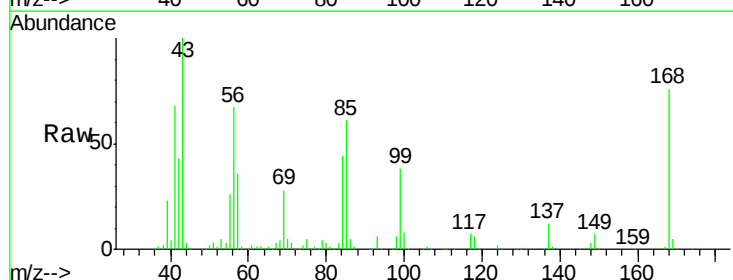


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

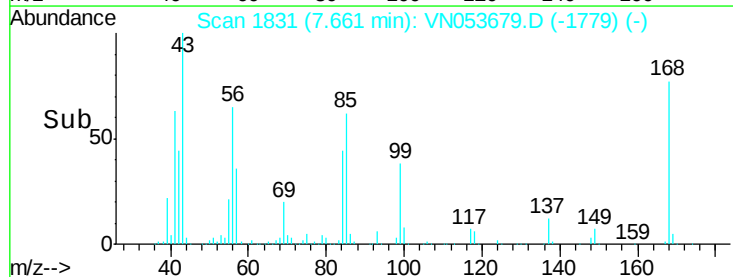
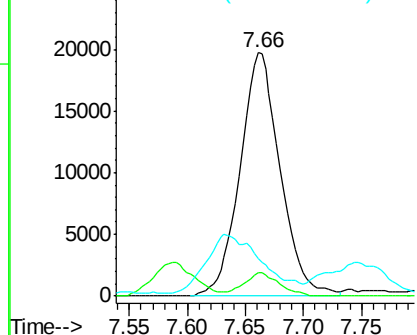


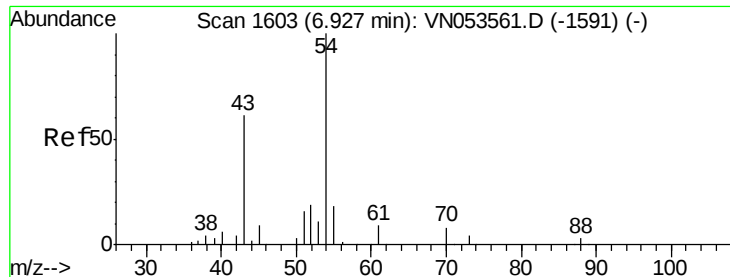
#36
 1,1-Dichloropropene
 Concen: 4.527 ug/l
 RT: 7.66 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN053679.D
 Acq: 8 Feb 2019 14:10

Tgt Ion: 75 Resp: 47499
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.1 54.3#
 77 0.0 25.1 37.7#



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

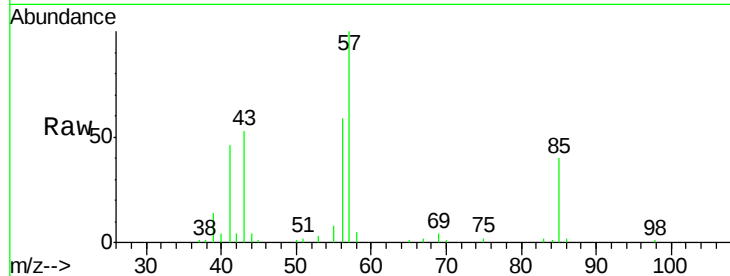




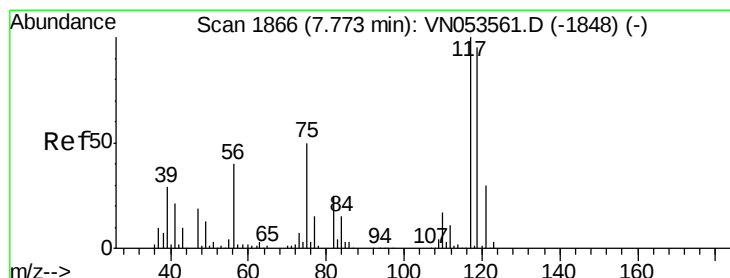
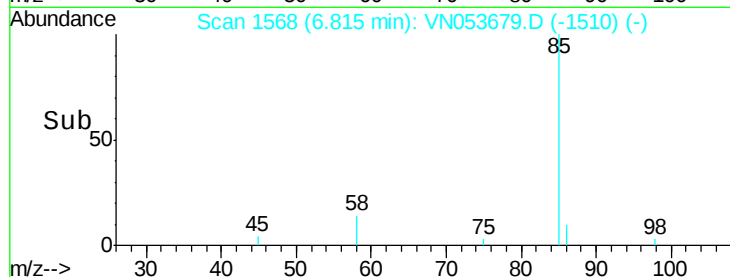
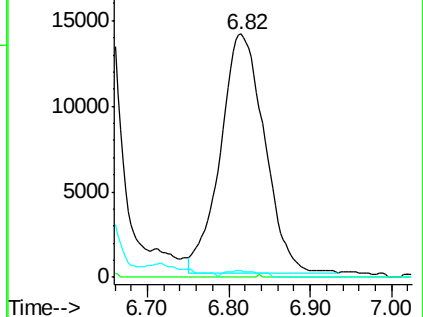
#37
Ethyl Acetate
Concen: 8.949 ug/l
RT: 6.82 min Scan# 1568
Delta R.T. -0.11 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 52444
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 1.3 8.6 12.8#

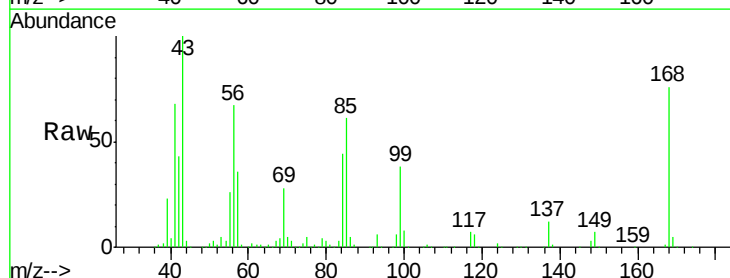


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

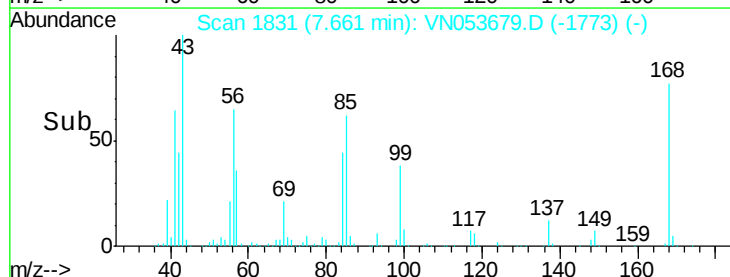
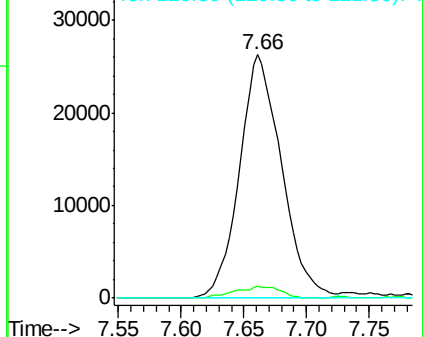


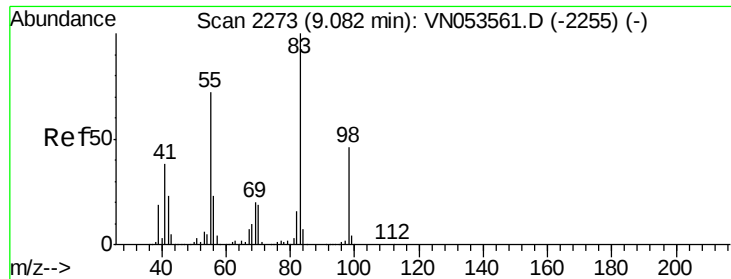
#38
Carbon Tetrachloride
Concen: 5.803 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. -0.11 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion: 117 Resp: 61335
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 24.6 37.0#



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

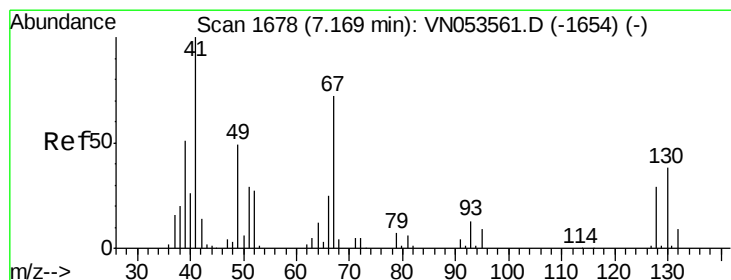
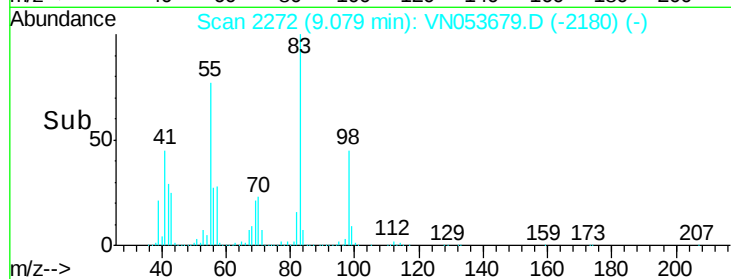
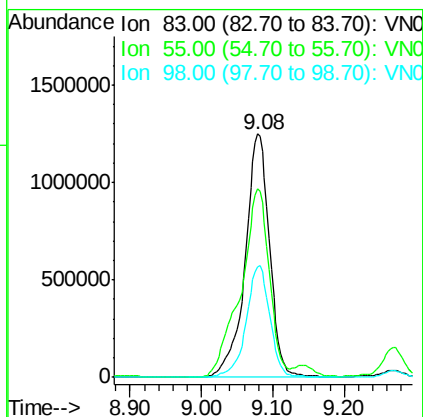
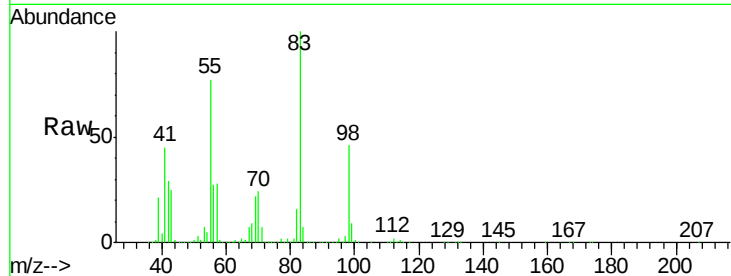




#39
Methvlcvclohexane
Concen: 238.630 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

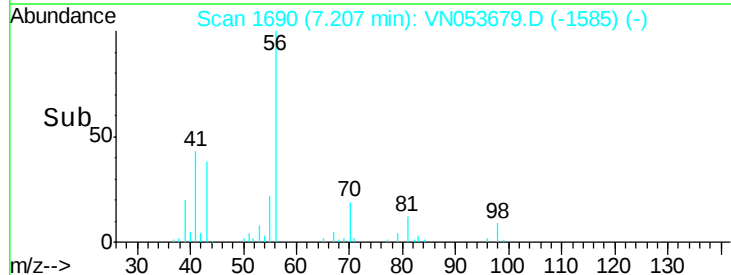
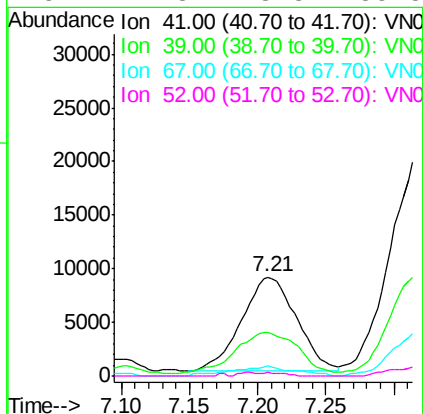
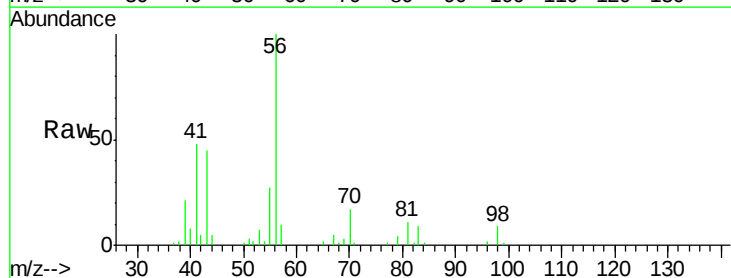
Instrument :
MSVOA_N
ClientSampleId :

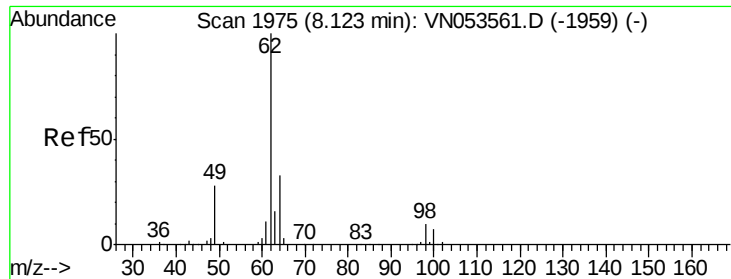
Tot Ion: 83 Resp: 2970591
Ion Ratio Lower Upper
83 100
55 77.3 60.1 90.1
98 45.5 36.6 55.0



#41
Methacrylonitrile
Concen: 7.511 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.04 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion: 41 Resp: 24601
Ion Ratio Lower Upper
41 100
39 50.6 46.8 70.2
67 11.8 63.0 94.6#
52 1.3 23.8 35.8#





#42

1,2-Dichloroethane

Concen: 0.591 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.03 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

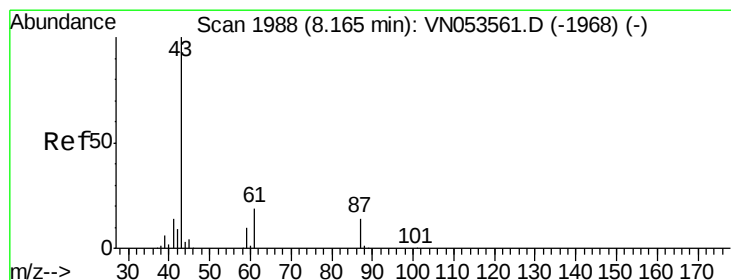
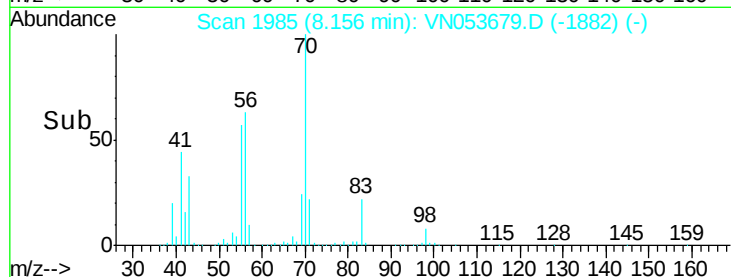
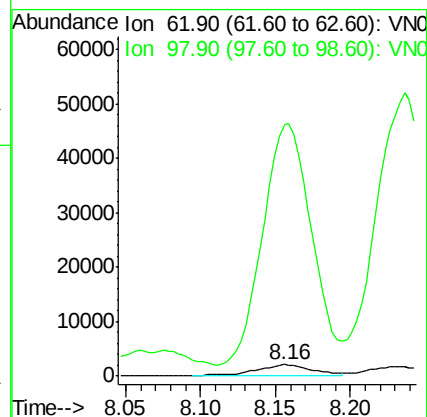
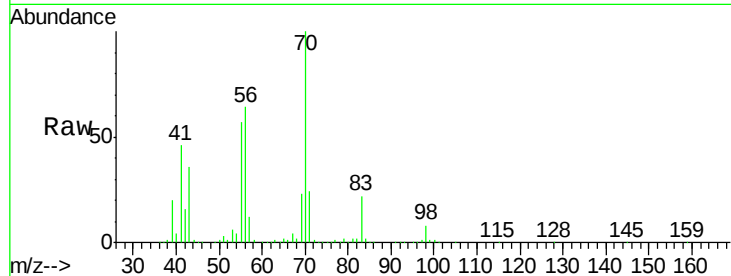
ClientSampled :

Tot Ion: 62 Resp: 5674

Ion Ratio Lower Upper

62 100

98 1761.7 0.0 19.6#



#43

Isopropyl Acetate

Concen: 50.808 ug/l

RT: 8.15 min Scan# 1982

Delta R.T. -0.02 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

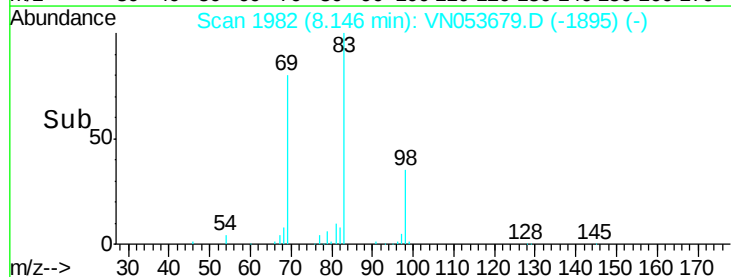
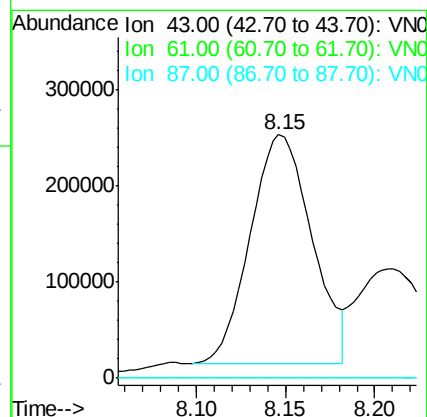
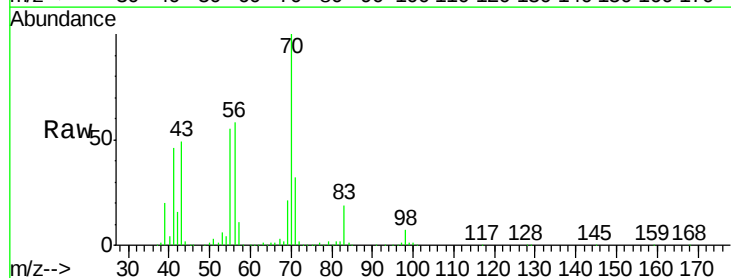
Tgt Ion: 43 Resp: 575009

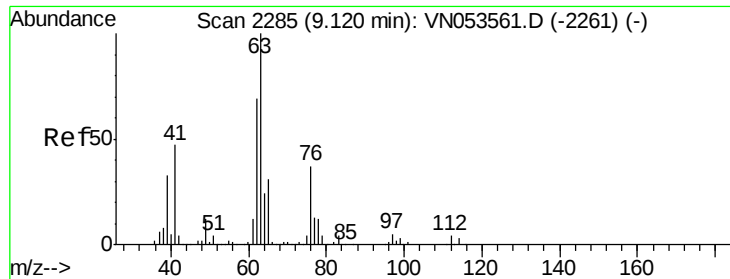
Ion Ratio Lower Upper

43 100

61 0.4 23.9 35.9#

87 0.0 11.0 16.6#





#45

1,2-Dichloropropane

Concen: 0.283 ug/l

RT: 9.14 min Scan# 2291

Delta R.T. 0.02 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

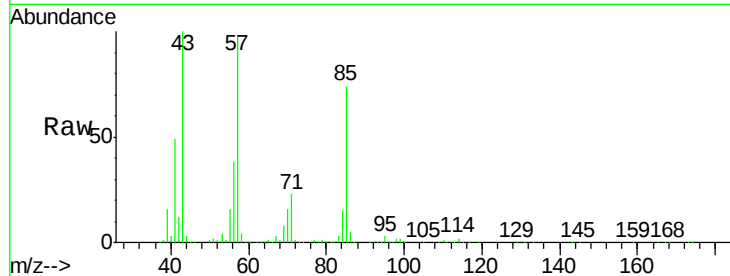
ClientSampled :

Tot Ion: 63 Resp: 2341

Ion Ratio Lower Upper

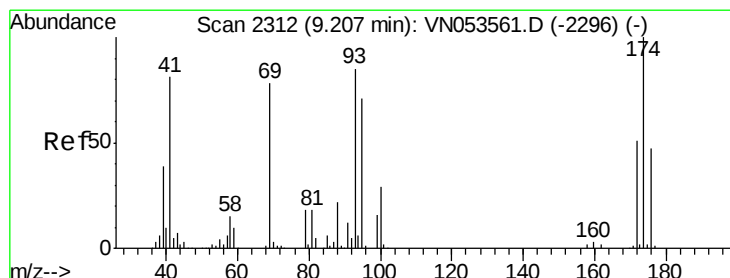
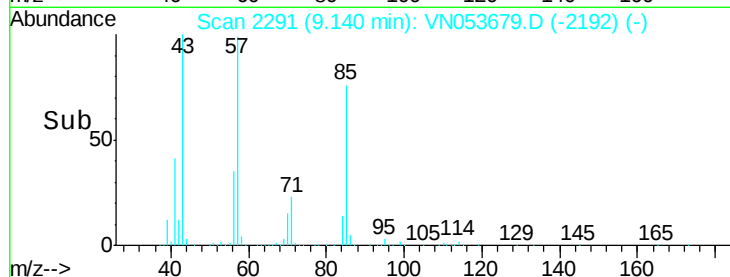
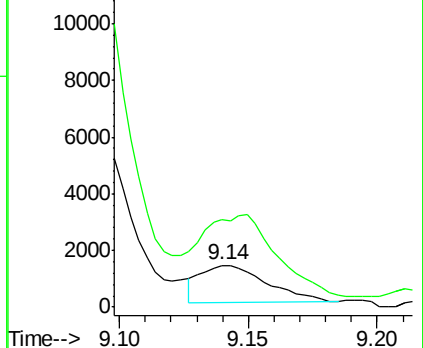
63 100

65 207.3 25.0 37.4#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 0.905 ug/l

RT: 9.15 min Scan# 2295

Delta R.T. -0.05 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

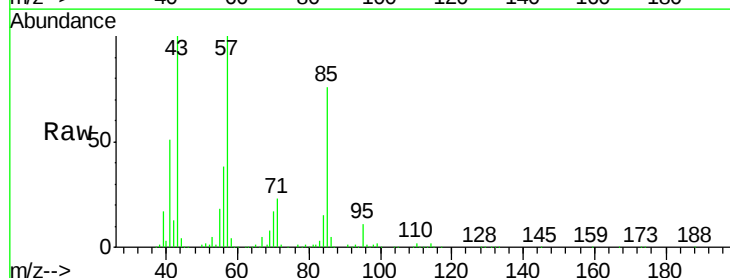
Tgt Ion: 93 Resp: 4517

Ion Ratio Lower Upper

93 100

95 1361.2 67.3 100.9#

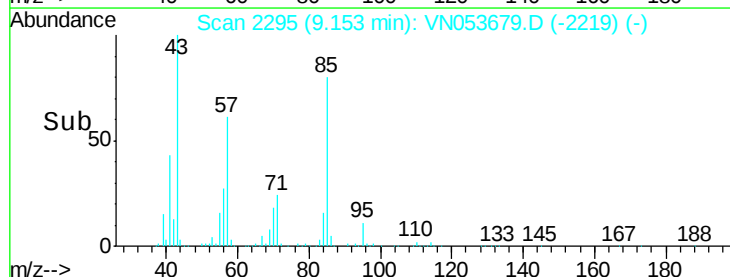
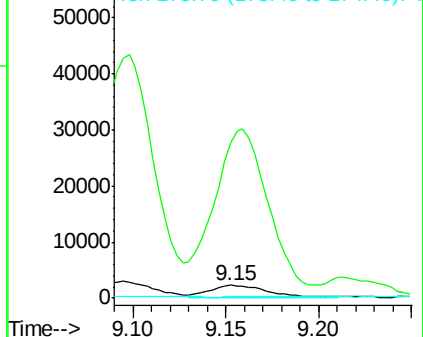
174 13.2 91.0 136.4#

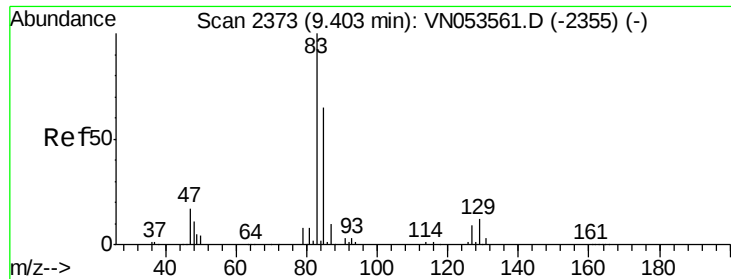


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 13.840 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.02 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

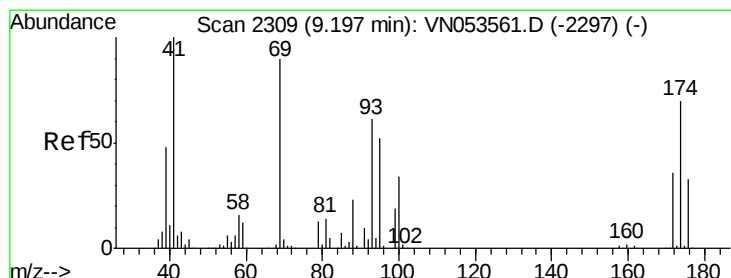
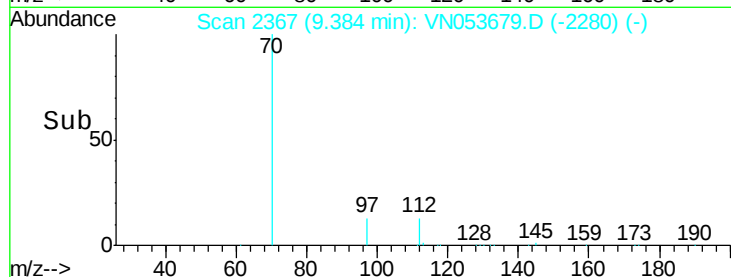
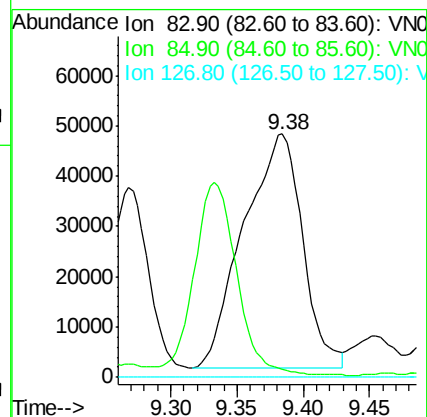
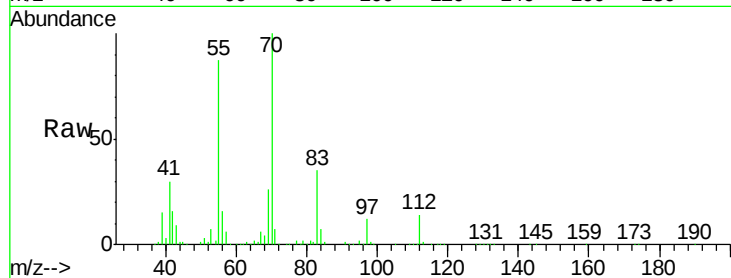
Tot Ion: 83 Resp: 143564

Ion Ratio Lower Upper

83 100

85 2.1 51.0 76.6#

127 0.0 7.0 10.6#



#48

Methyl methacrylate

Concen: 65.329 ug/l

RT: 9.14 min Scan# 2291

Delta R.T. -0.06 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

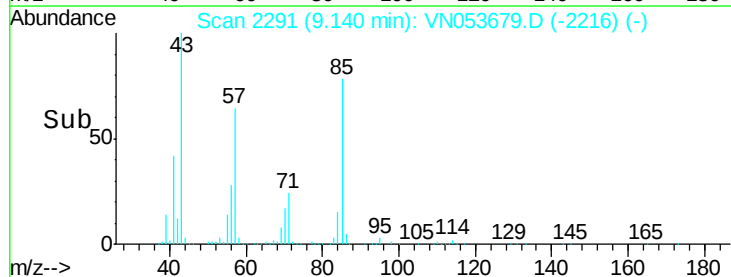
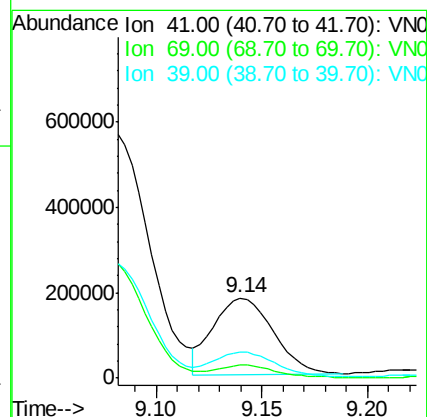
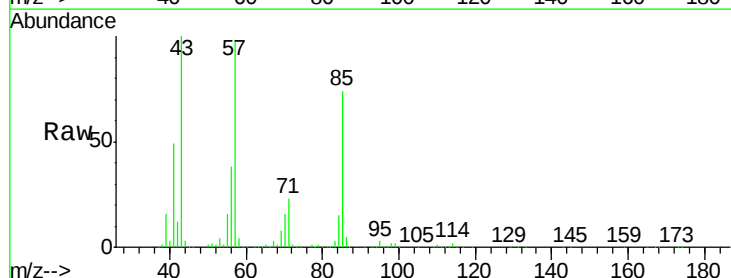
Tgt Ion: 41 Resp: 352923

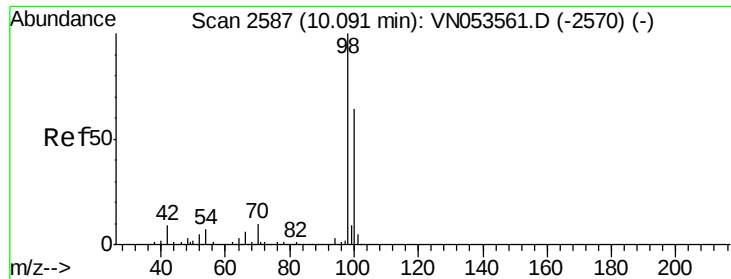
Ion Ratio Lower Upper

41 100

69 14.6 73.8 110.6#

39 35.3 40.0 60.0#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

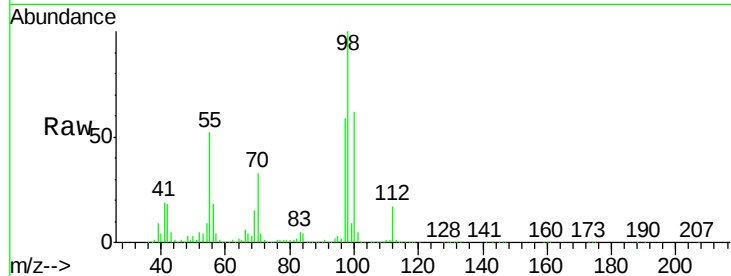
ClientSampled :

Tot Ion: 98 Resp: 1532209

Ion Ratio Lower Upper

98 100

100 59.7 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053561.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053561.D (-2570) (-)

10.09

800000

600000

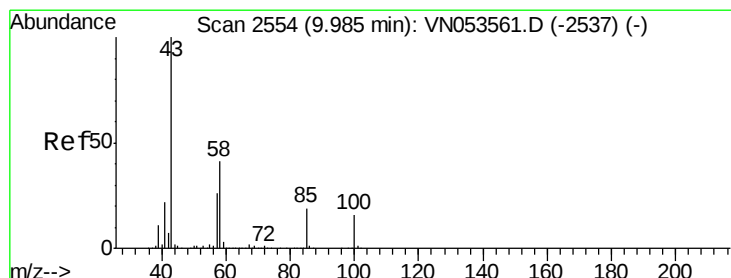
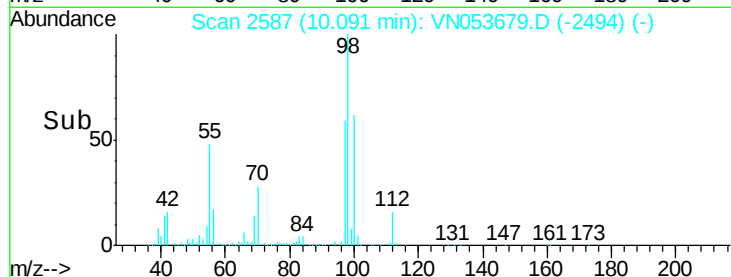
400000

200000

0

Time-->

10.00 10.10 10.20



#51

4-Methyl-2-Pentanone

Concen: 481.154 ug/l

RT: 9.87 min Scan# 2518

Delta R.T. -0.12 min

Lab File: VN053679.D

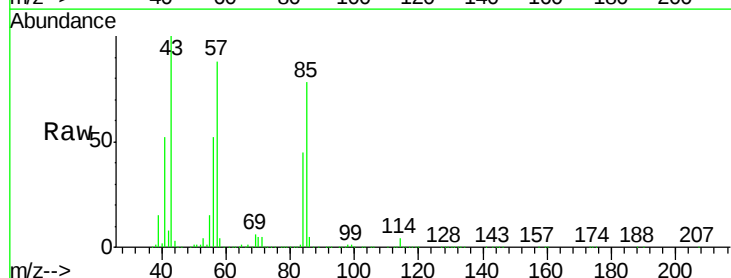
Acq: 8 Feb 2019 14:10

Tgt Ion: 43 Resp: 2675871

Ion Ratio Lower Upper

43 100

58 3.3 32.8 49.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053561.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN053561.D (-2537) (-)

9.87

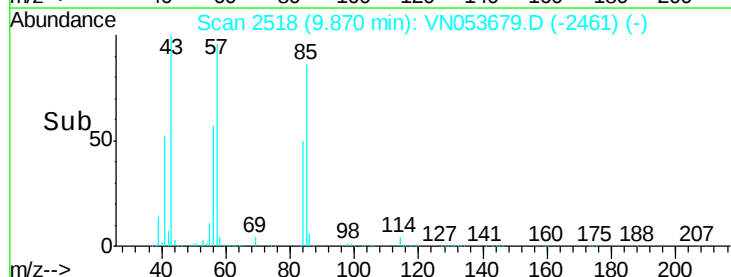
1000000

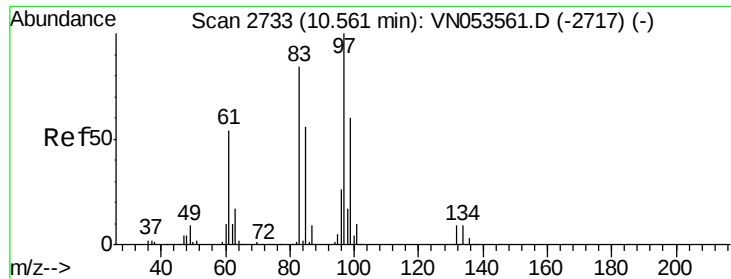
500000

0

Time-->

9.80 9.90 10.00





#55

1,1,2-Trichloroethane

Concen: 107.497 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.03 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 743866

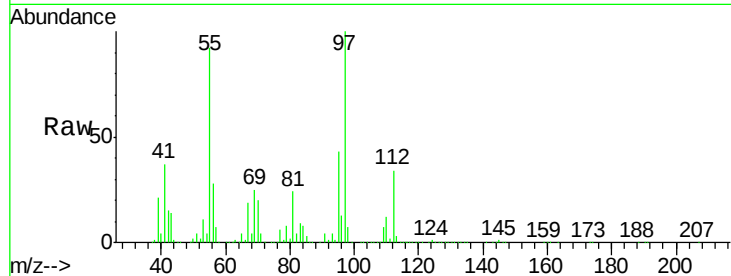
Ion Ratio Lower Upper

97 100

83 7.4 70.1 105.1#

85 3.3 45.4 68.0#

99 0.3 49.8 74.8#

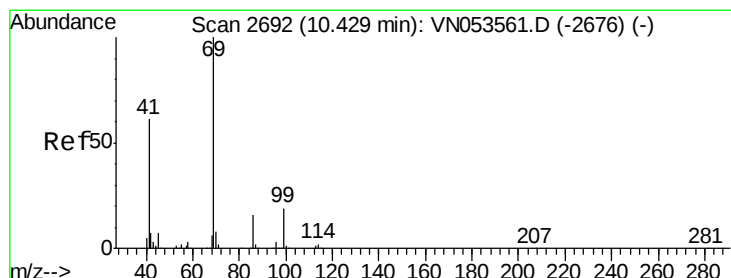
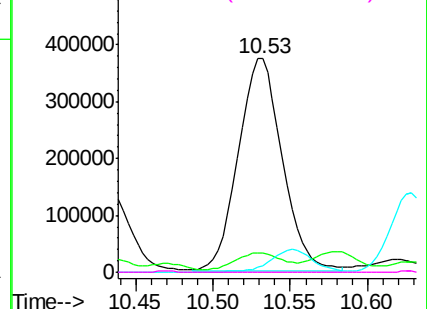
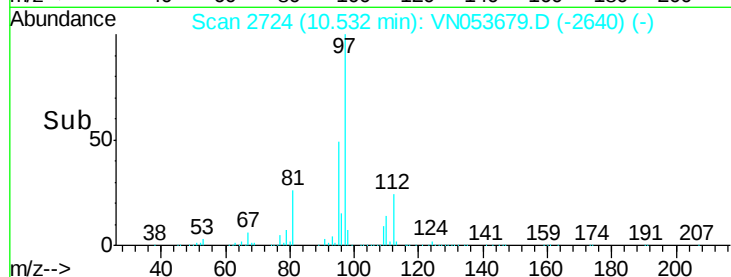


Abundance Ion 96.90 (96.60 to 97.60): VNC

Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC

Ion 98.90 (98.60 to 99.60): VNC



#56

Ethyl methacrylate

Concen: 2.847 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

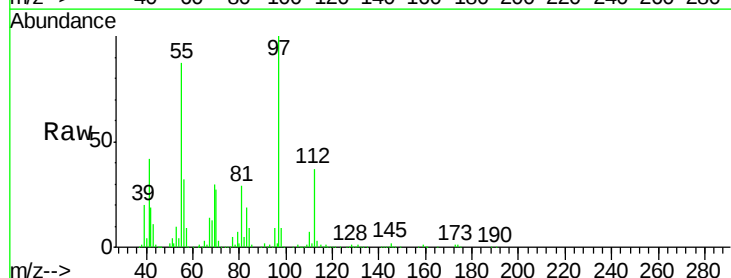
Tgt Ion: 69 Resp: 23307

Ion Ratio Lower Upper

69 100

41 0.0 49.4 74.0#

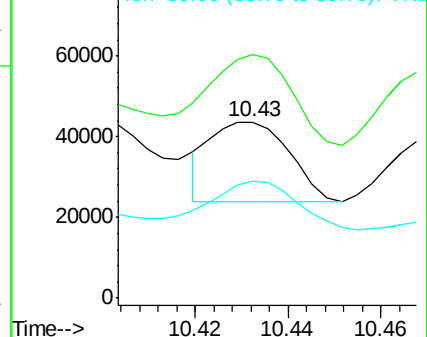
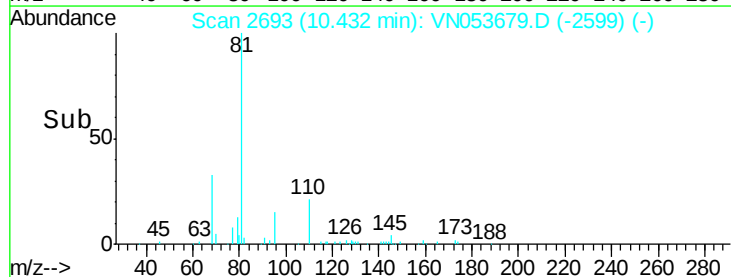
39 64.5 23.3 34.9#

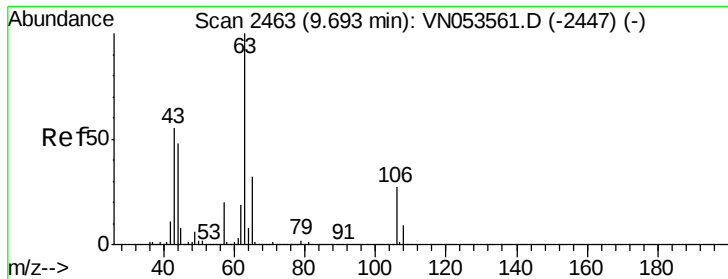


Abundance Ion 69.00 (68.70 to 69.70): VNC

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC





#58

2-Chloroethyl Vinyl ether

Concen: 8.083 ug/l

RT: 9.43 min Scan# 2381

Delta R.T. -0.26 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

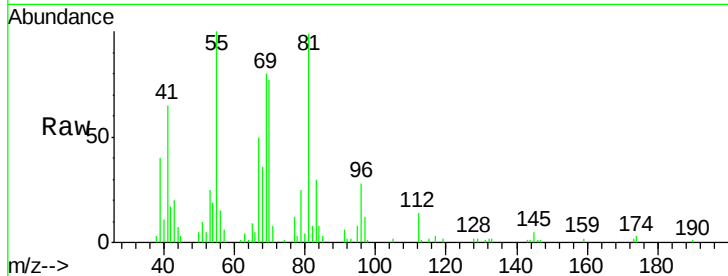
ClientSampleId :

Tot Ion: 63 Resp: 388

Ion Ratio Lower Upper

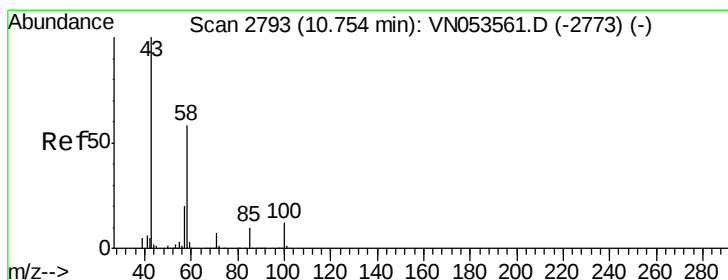
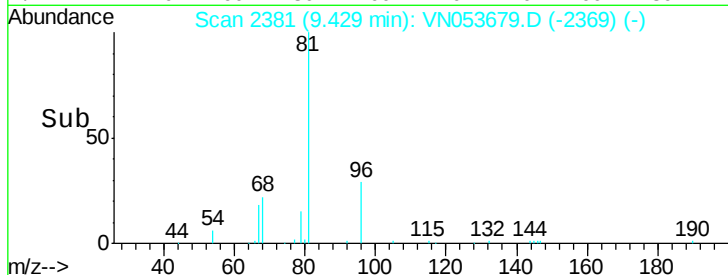
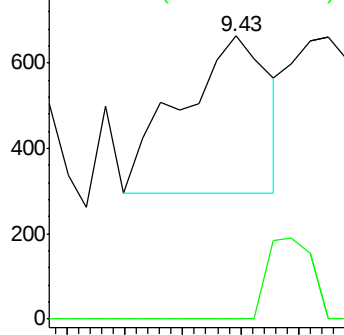
63 100

106 26.3 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 117.014 ug/l

RT: 10.72 min Scan# 2782

Delta R.T. -0.04 min

Lab File: VN053679.D

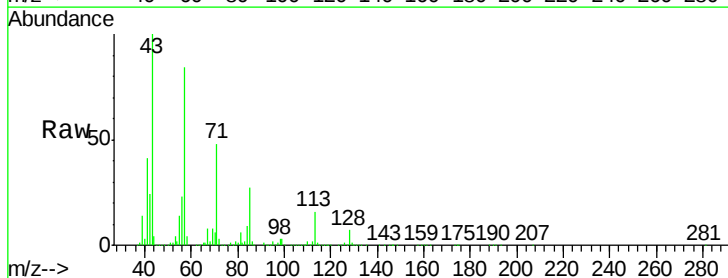
Acq: 8 Feb 2019 14:10

Tgt Ion: 43 Resp: 441780

Ion Ratio Lower Upper

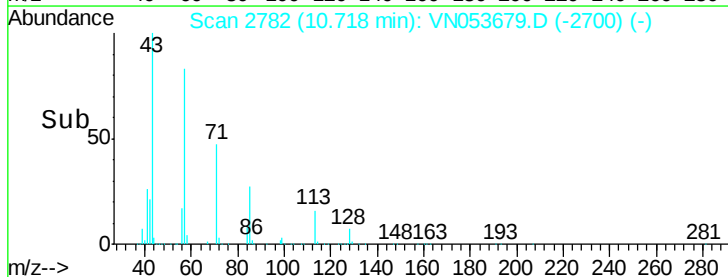
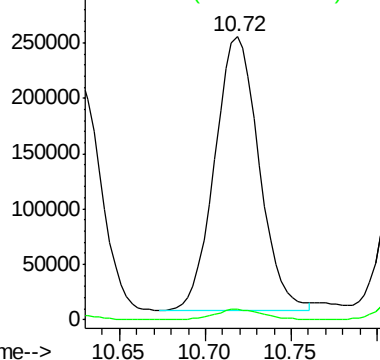
43 100

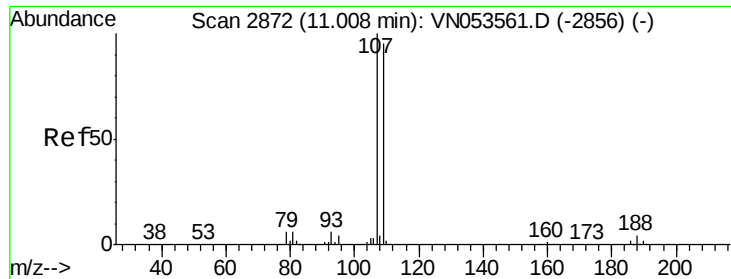
58 4.0 28.6 85.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

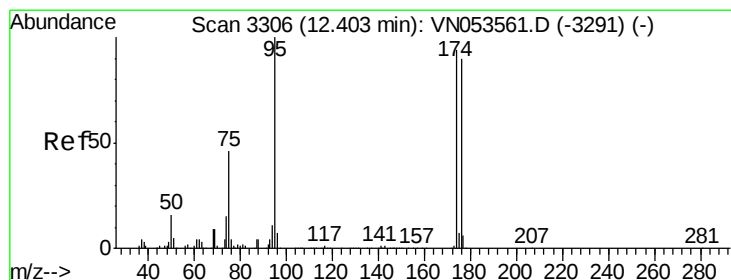
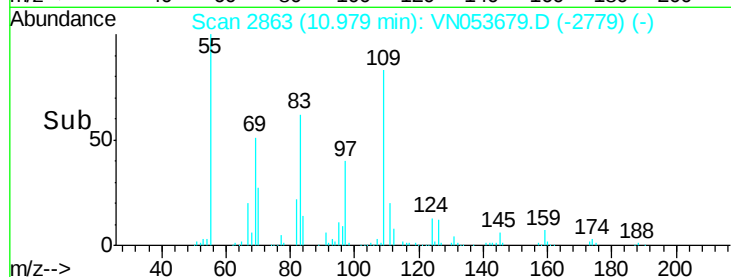
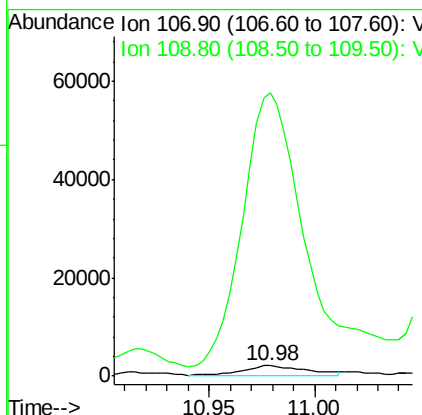
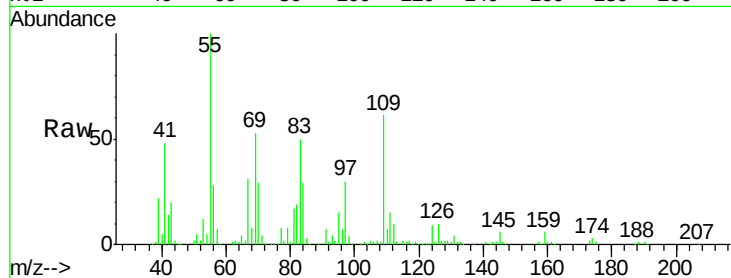




#61
 1,2-Dibromoethane
 Concen: 0.560 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.03 min
 Lab File: VN053679.D
 Acq: 8 Feb 2019 14:10

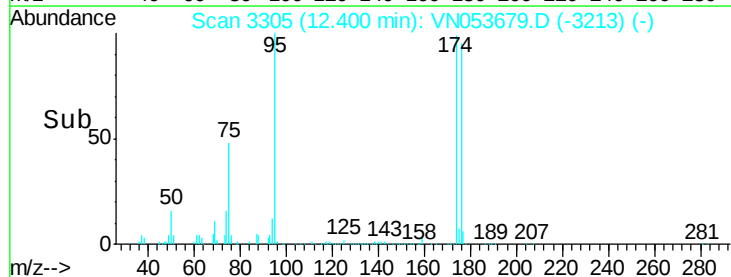
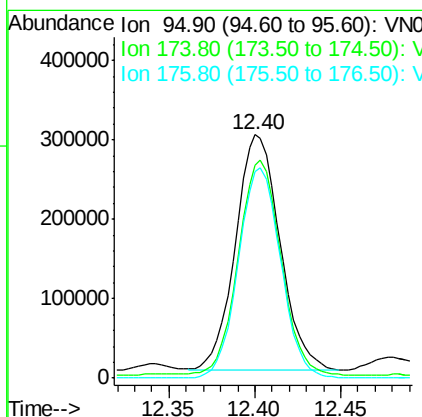
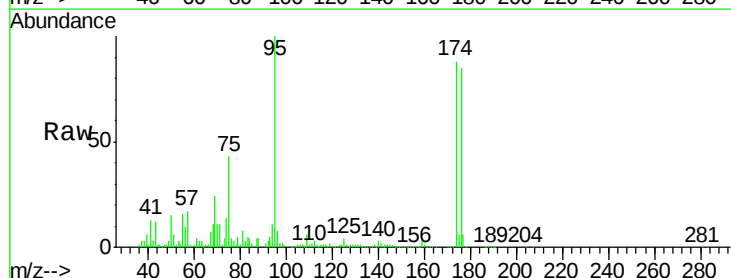
Instrument :
 MSVOA_N
 ClientSampleId :

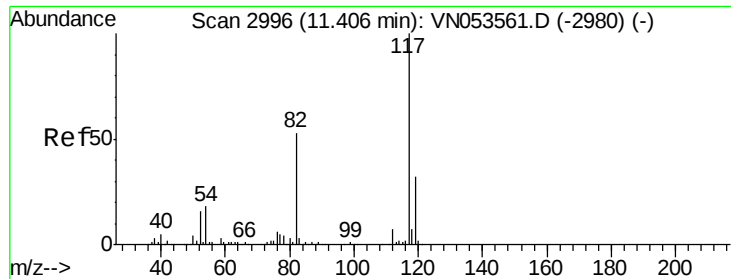
Tot Ion:107 Resp: 3835
 Ion Ratio Lower Upper
 107 100
 109 3043.8 75.7 113.5#



#62
 4-Bromofluorobenzene
 Concen: 0.560 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053679.D
 Acq: 8 Feb 2019 14:10

Tgt Ion: 95 Resp: 532985
 Ion Ratio Lower Upper
 95 100
 174 89.8 0.0 183.2
 176 85.3 0.0 177.4

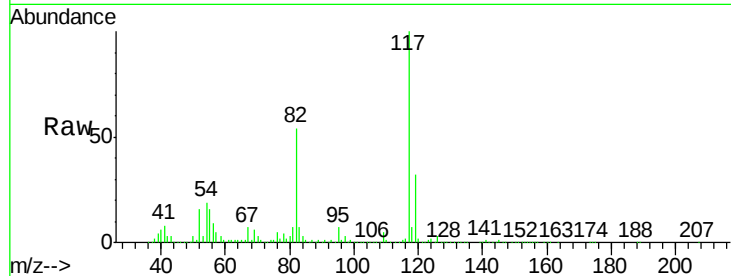




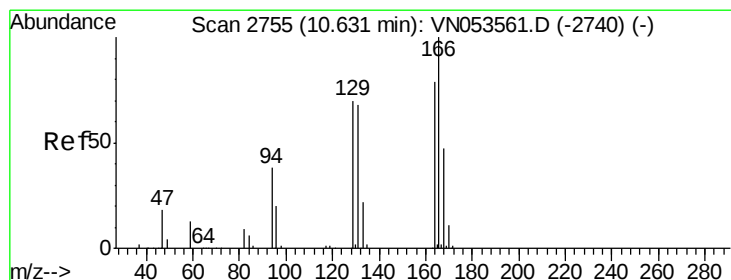
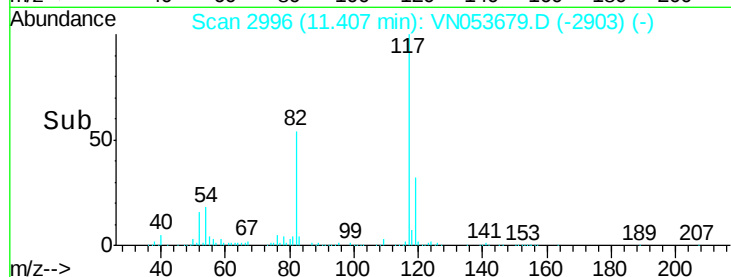
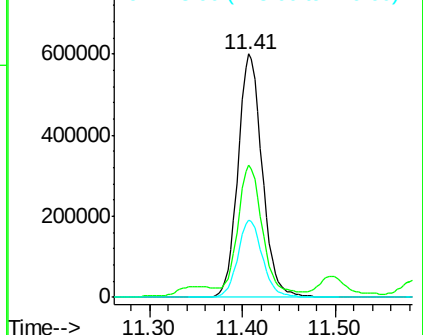
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 1080123
Ion Ratio Lower Upper
117 100
82 50.1 42.9 64.3
119 31.9 26.0 39.0

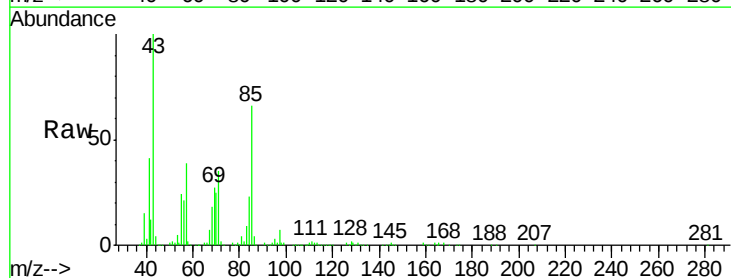


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

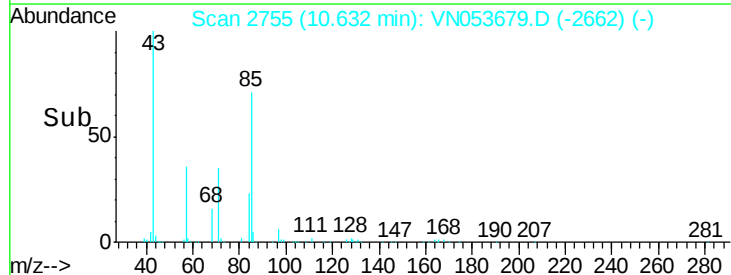
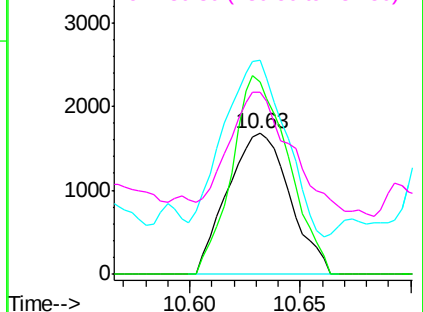


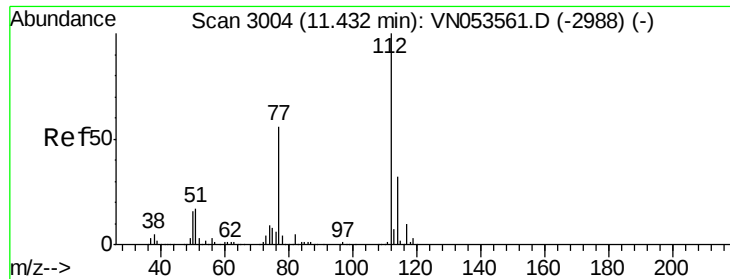
#64
Tetrachloroethene
Concen: 0.353 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion:164 Resp: 3273
Ion Ratio Lower Upper
164 100
166 136.5 102.2 153.4
129 118.1 72.6 109.0#
131 82.0 69.5 104.3



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: 0.424 ug/l

RT: 11.54 min Scan# 3038

Delta R.T. 0.11 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

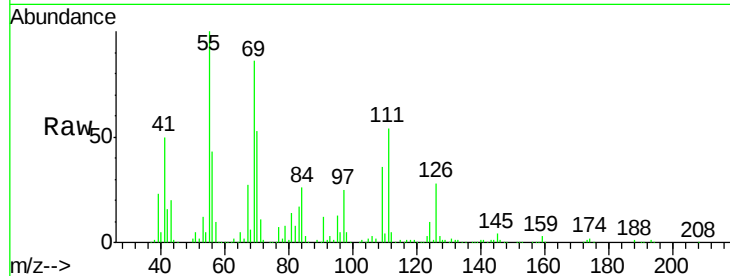
ClientSampled :

Tot Ion:112 Resp: 9732

Ion Ratio Lower Upper

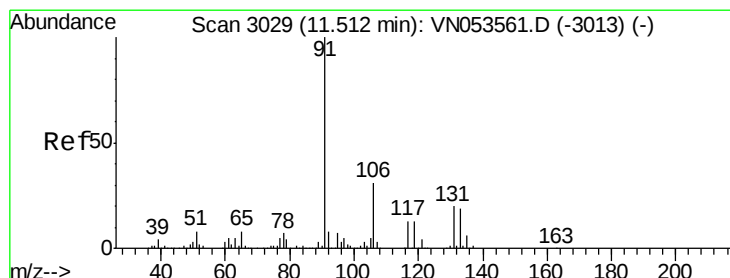
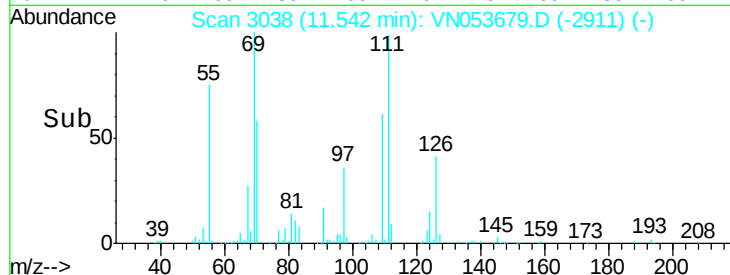
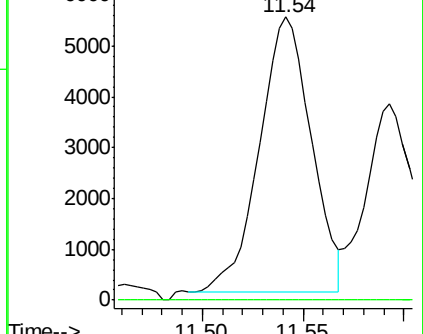
112 100

114 0.0 25.3 37.9#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 5.680 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053679.D

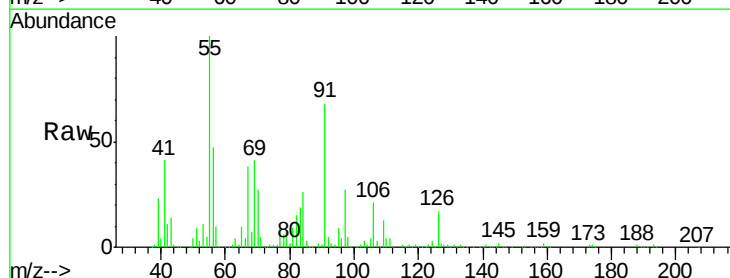
Acq: 8 Feb 2019 14:10

Tgt Ion: 91 Resp: 214085

Ion Ratio Lower Upper

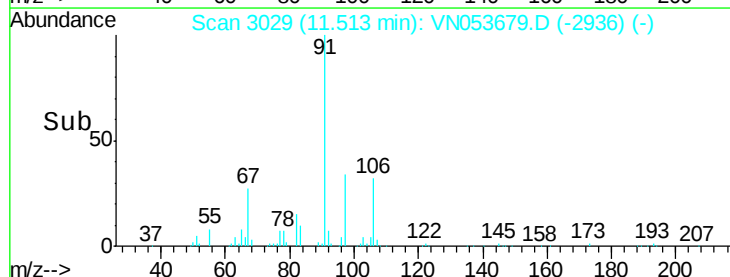
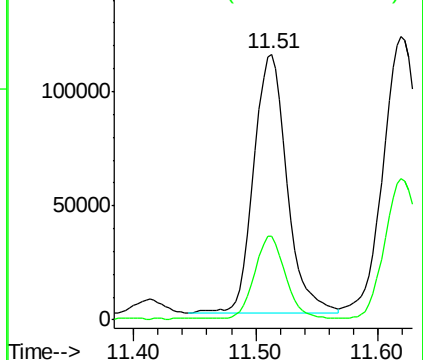
91 100

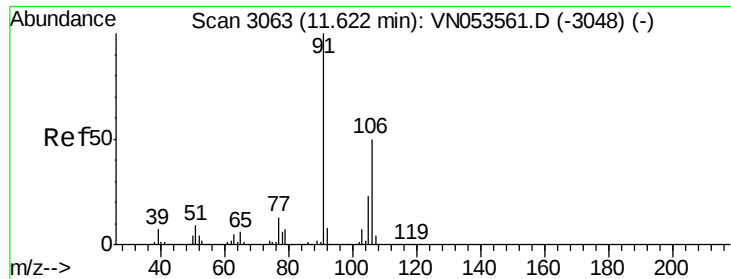
106 31.6 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

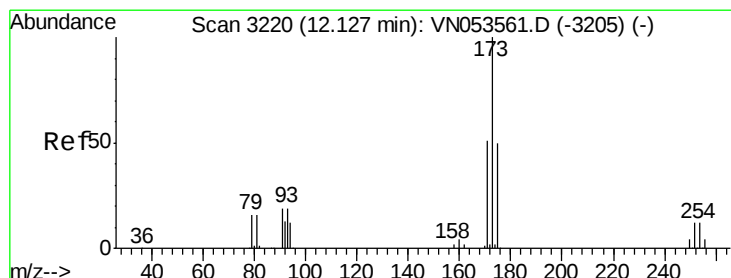
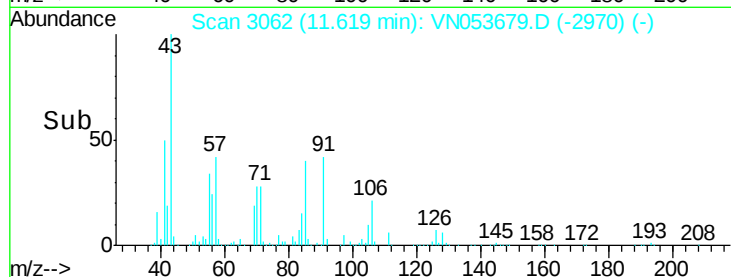
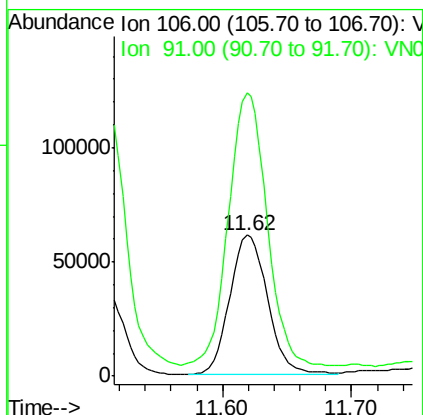
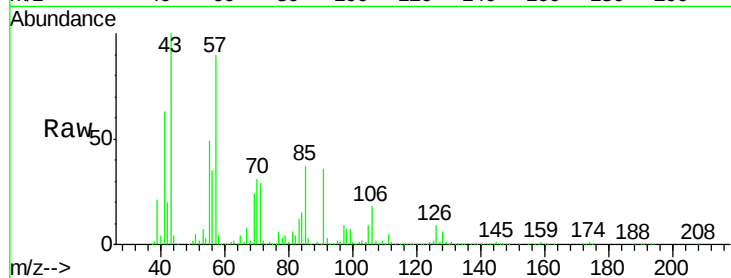




#68
m/p-Xvlenes
Concen: 8.727 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

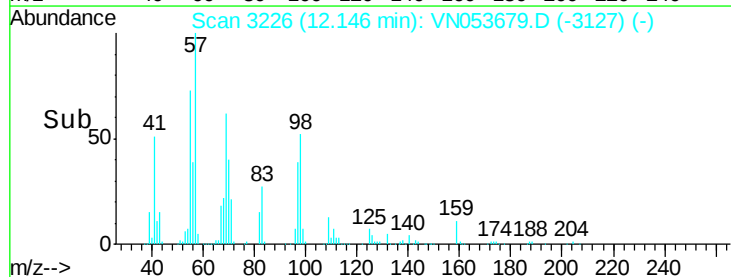
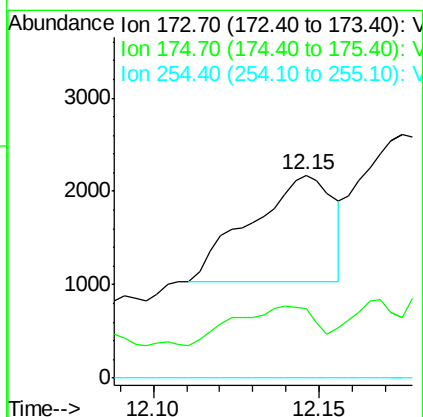
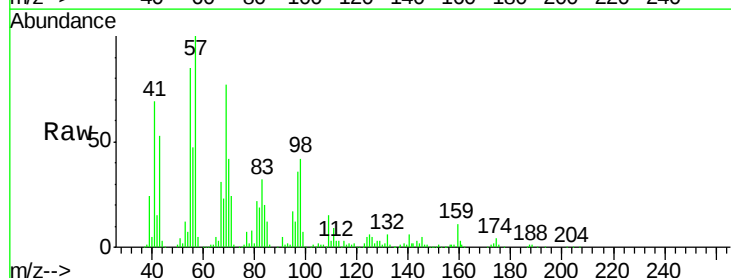
Instrument :
MSVOA_N
ClientSampleId :

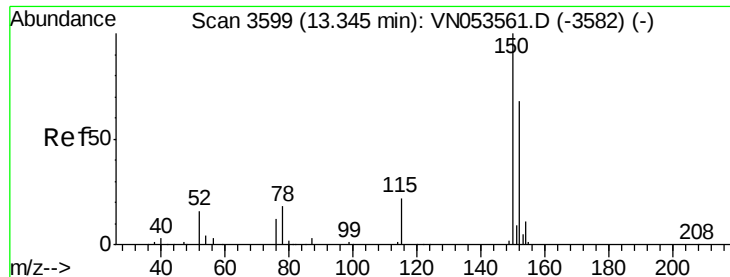
Tot Ion:106 Resp: 125537
Ion Ratio Lower Upper
106 100
91 196.8 161.4 242.2



#71
Bromoform
Concen: 0.362 ug/l
RT: 12.15 min Scan# 3226
Delta R.T. 0.02 min
Lab File: VN053679.D
Acq: 8 Feb 2019 14:10

Tgt Ion:173 Resp: 1988
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

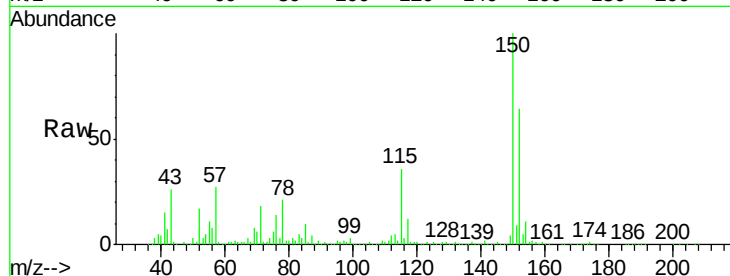
Tot Ion:152 Resp: 544575

Ion Ratio Lower Upper

152 100

115 56.6 27.8 83.4

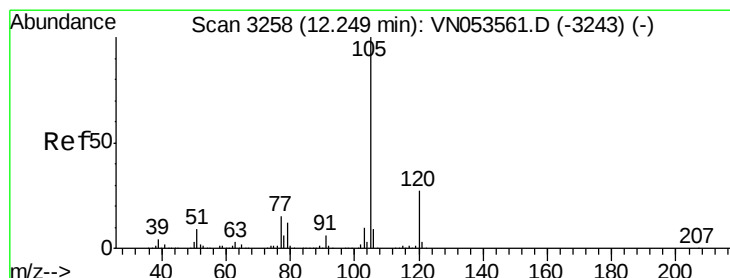
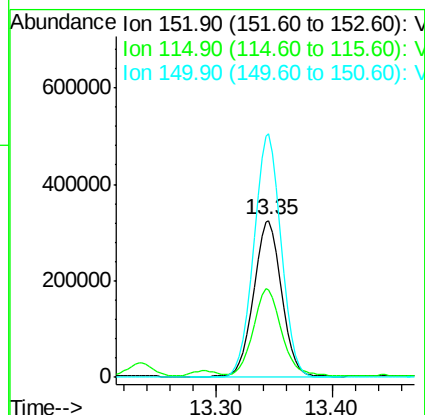
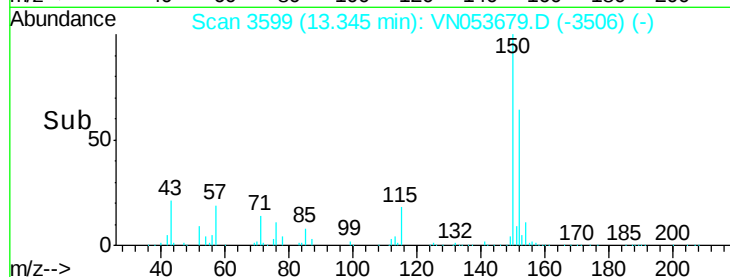
150 152.6 0.0 349.0



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: 10.758 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053679.D

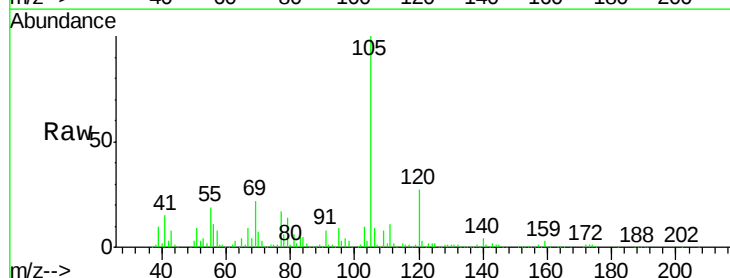
Acq: 8 Feb 2019 14:10

Tgt Ion:105 Resp: 411854

Ion Ratio Lower Upper

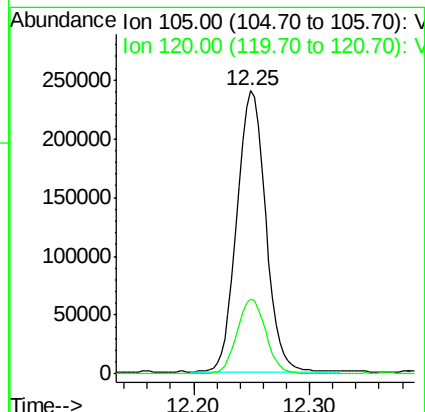
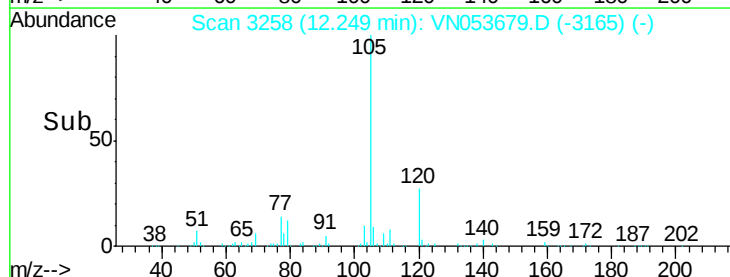
105 100

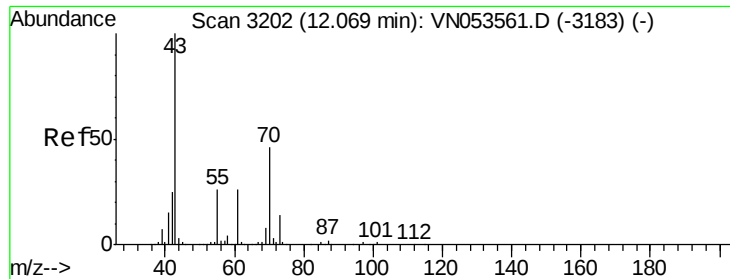
120 26.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 26.055 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.03 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 43 Resp: 239857

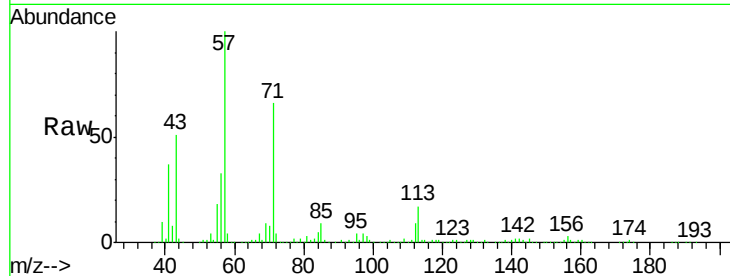
Ion Ratio Lower Upper

43 100

70 8.8 35.4 53.2#

55 6.3 20.9 31.3#

61 0.0 20.5 30.7#

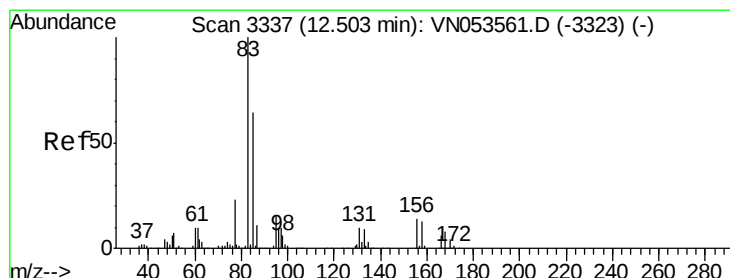
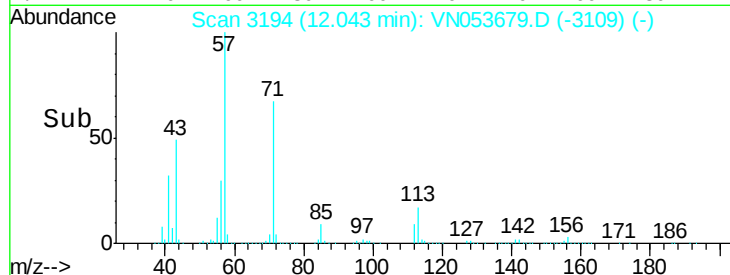
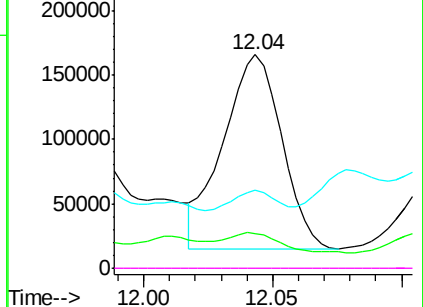


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 0.651 ug/l

RT: 12.49 min Scan# 3333

Delta R.T. -0.01 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

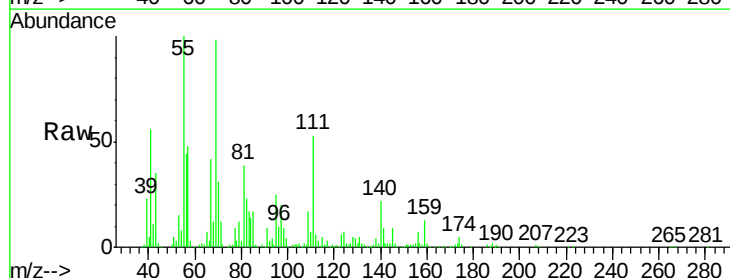
Tgt Ion: 83 Resp: 5964

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

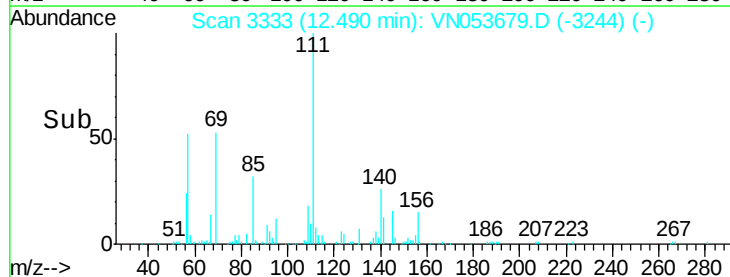
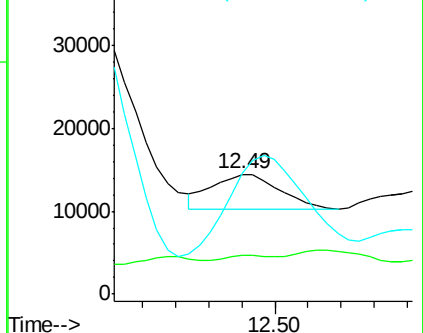
85 341.7 32.1 96.3#

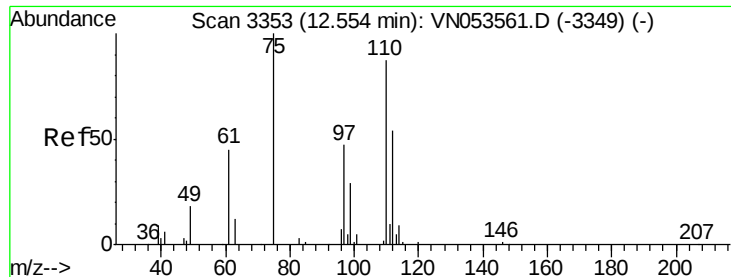


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 1.788 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.04 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

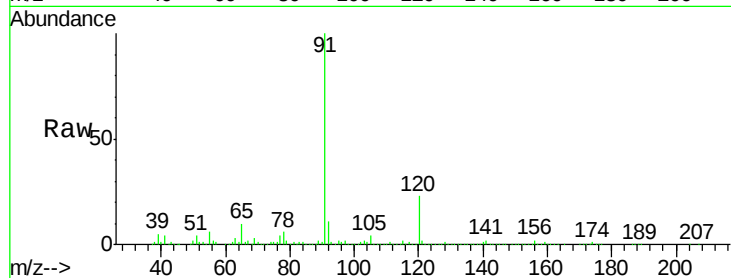
ClientSampleId :

Tot Ion: 75 Resp: 12504

Ion Ratio Lower Upper

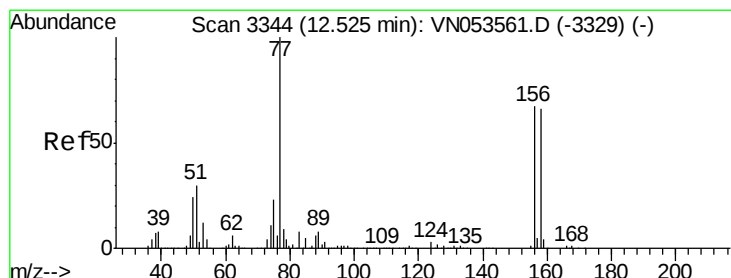
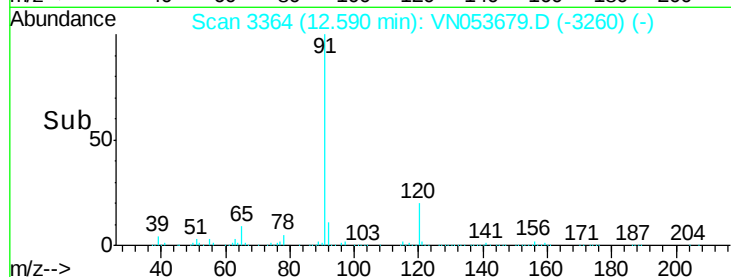
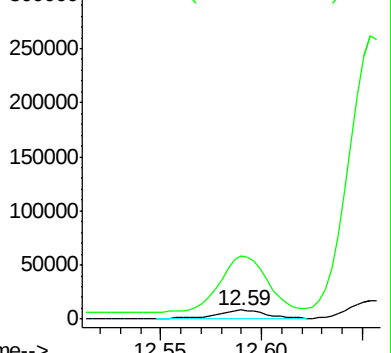
75 100

77 686.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN053561.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN053561.D (-3349) (-)



#77

Bromobenzene

Concen: 14.549 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.04 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

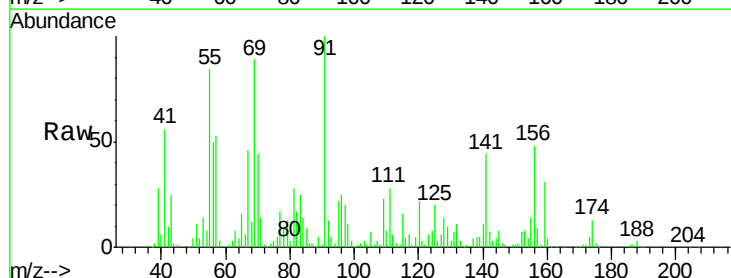
Tgt Ion: 156 Resp: 150112

Ion Ratio Lower Upper

156 100

77 0.0 87.9 263.8#

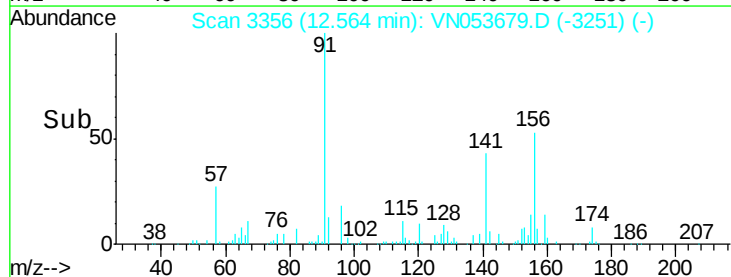
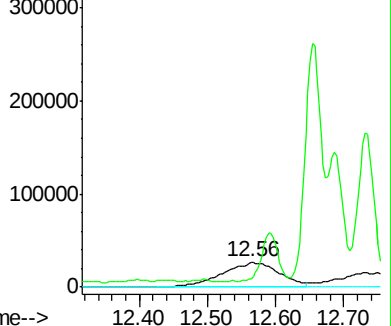
158 0.3 48.8 146.4#

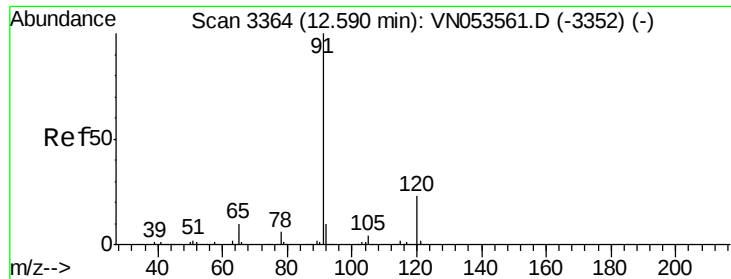


Abundance Ion 155.80 (155.50 to 156.50): VN053561.D (-3329) (-)

Ion 77.00 (76.70 to 77.70): VN053561.D (-3329) (-)

Ion 157.80 (157.50 to 158.50): VN053561.D (-3329) (-)





#78

n-propylbenzene

Concen: 51.581 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

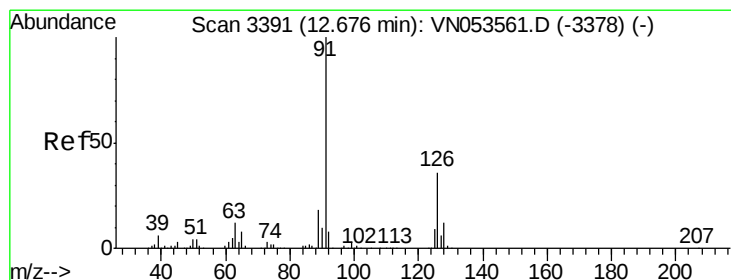
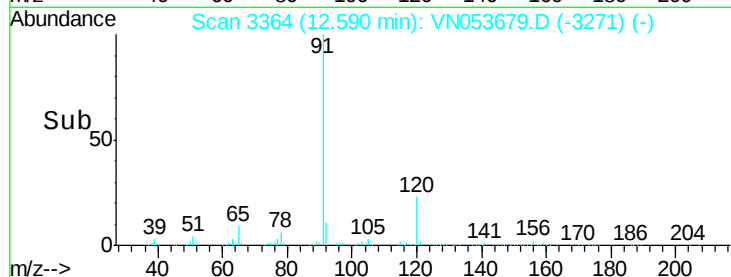
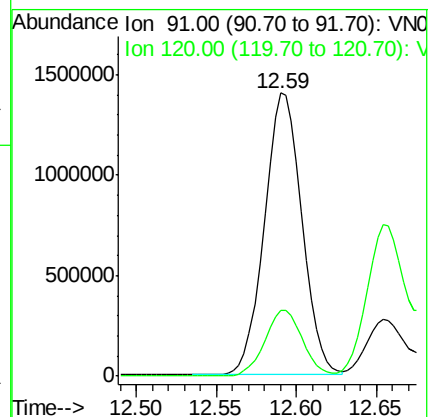
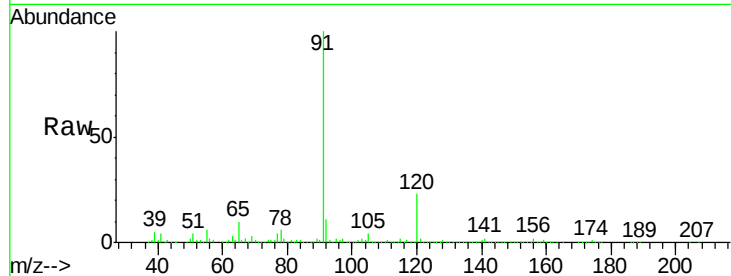
ClientSampled :

Tot Ion: 91 Resp: 2282732

Ion Ratio Lower Upper

91 100

120 23.5 11.9 35.5



#79

2-Chlorotoluene

Concen: 15.805 ug/l

RT: 12.65 min Scan# 3384

Delta R.T. -0.02 min

Lab File: VN053679.D

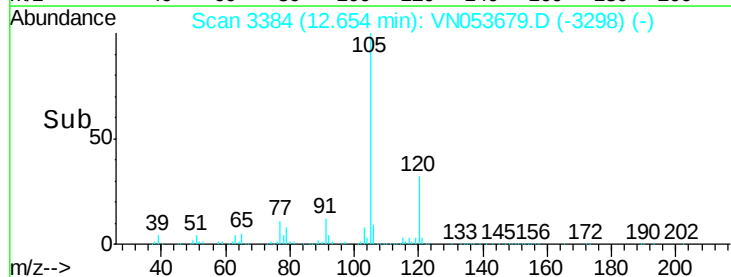
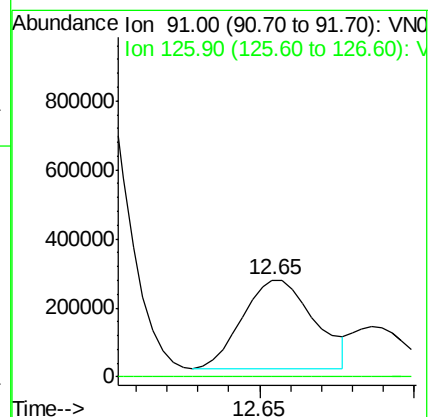
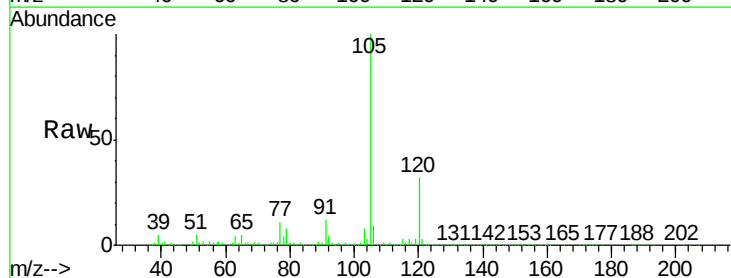
Acq: 8 Feb 2019 14:10

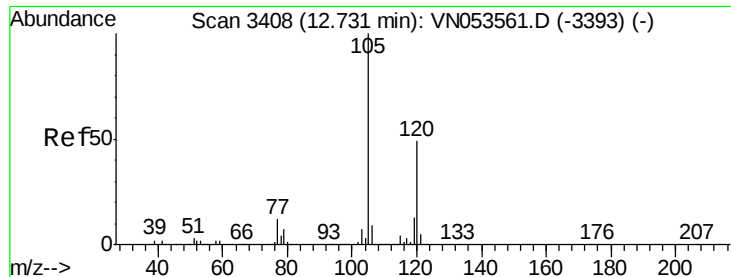
Tgt Ion: 91 Resp: 414964

Ion Ratio Lower Upper

91 100

126 0.0 17.9 53.7#

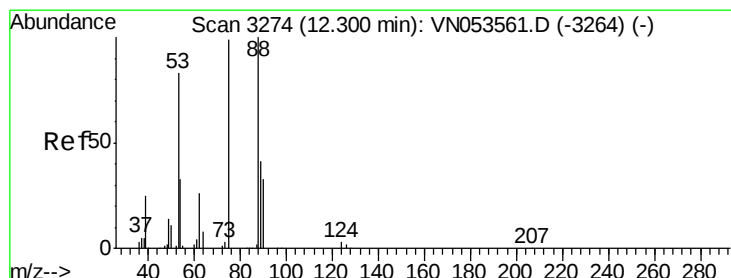
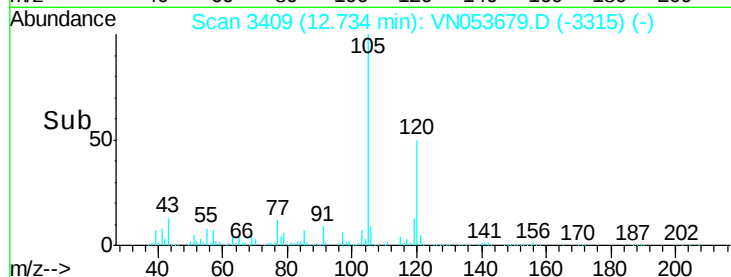
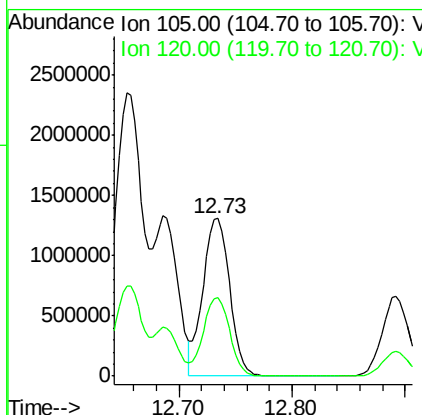
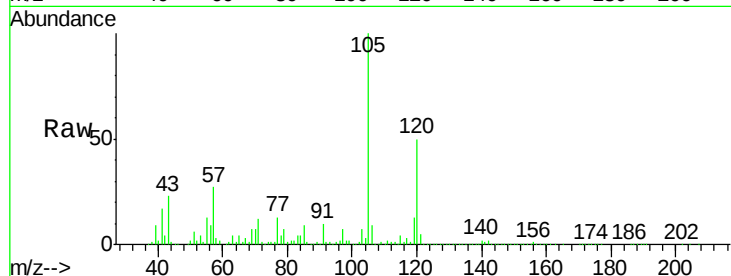




#80
 1,3,5-Trimethylbenzene
 Concen: 67.980 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053679.D
 Acq: 8 Feb 2019 14:10

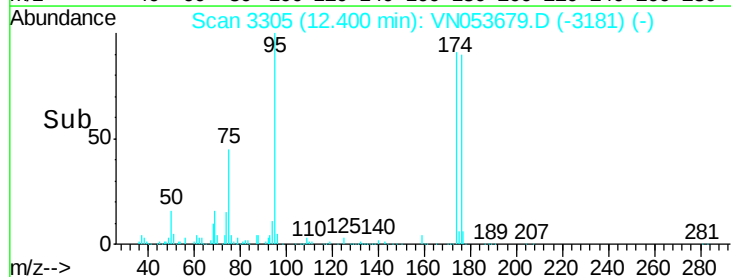
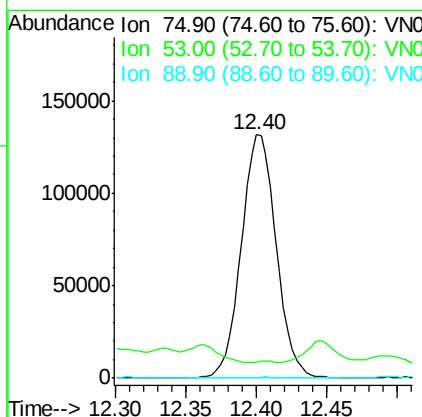
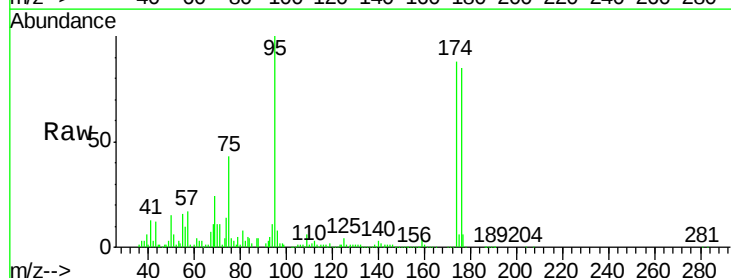
Instrument :
 MSVOA_N
 ClientSampled :

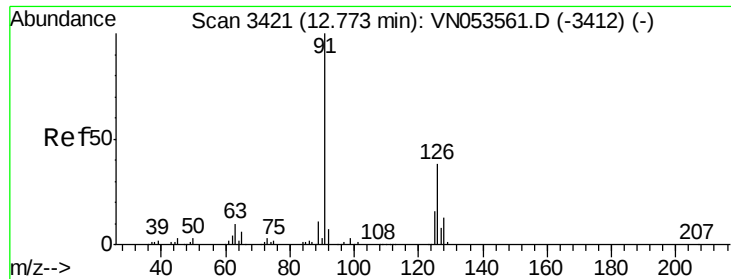
Tot Ion:105 Resp: 2158096
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.258 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053679.D
 Acq: 8 Feb 2019 14:10

Tgt Ion: 75 Resp: 227006
 Ion Ratio Lower Upper
 75 100
 53 0.7 69.8 104.6#
 89 0.0 35.6 53.4#





#82

4-Chlorotoluene

Concen: 7.659 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.04 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

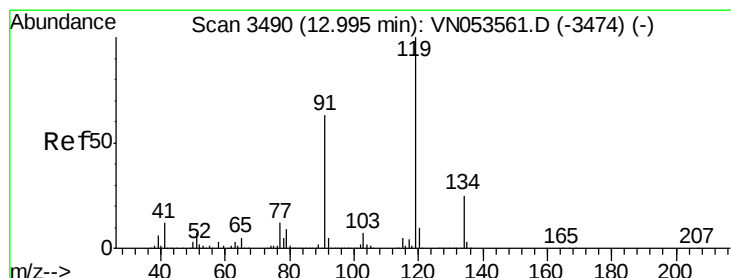
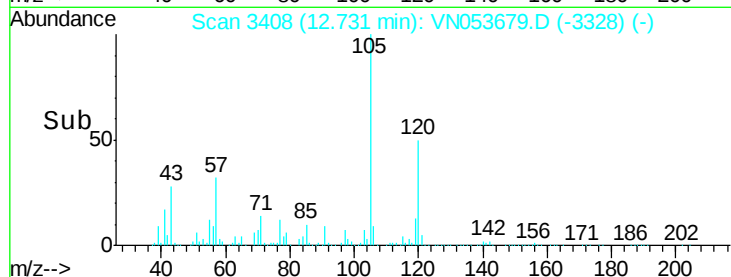
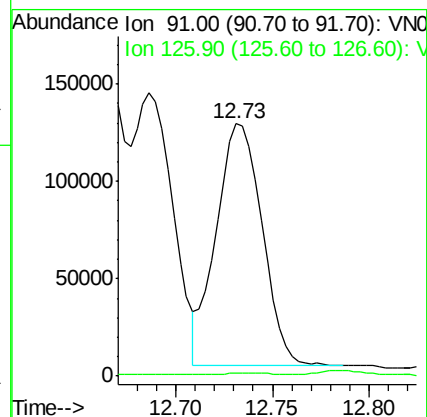
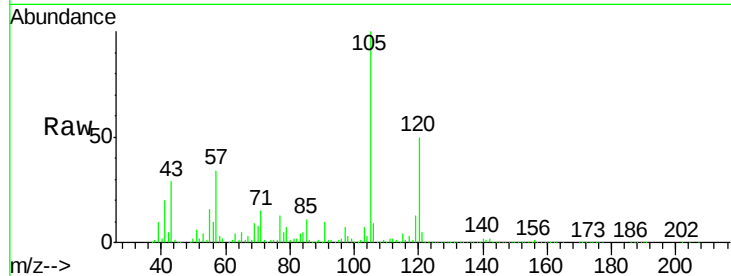
ClientSampleId :

Tot Ion: 91 Resp: 206339

Ion Ratio Lower Upper

91 100

126 1.0 17.6 52.9#



#83

tert-Butylbenzene

Concen: 19.185 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.05 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

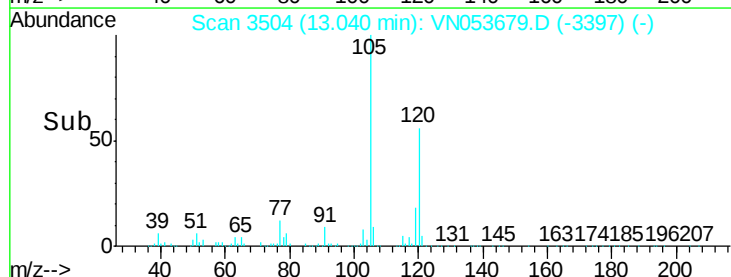
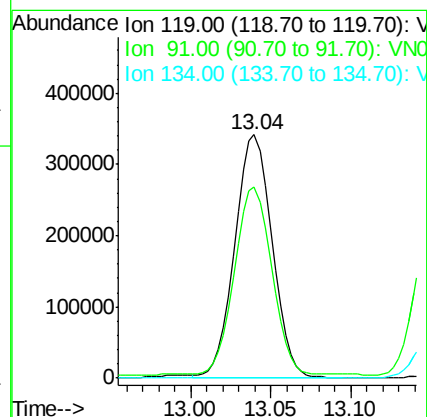
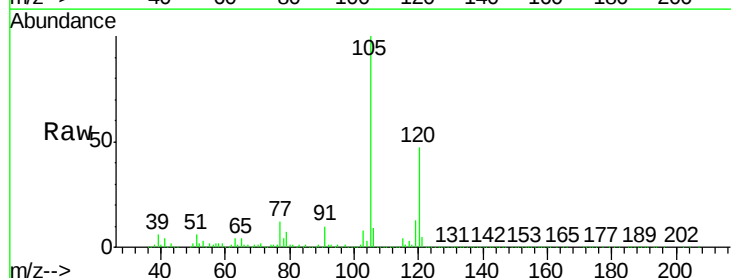
Tgt Ion: 119 Resp: 538288

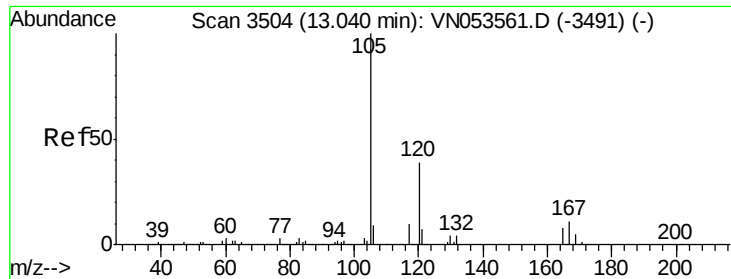
Ion Ratio Lower Upper

119 100

91 77.8 31.3 93.8

134 0.0 12.9 38.7#





#84

1,2,4-Trimethylbenzene

Concen: 132.643 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

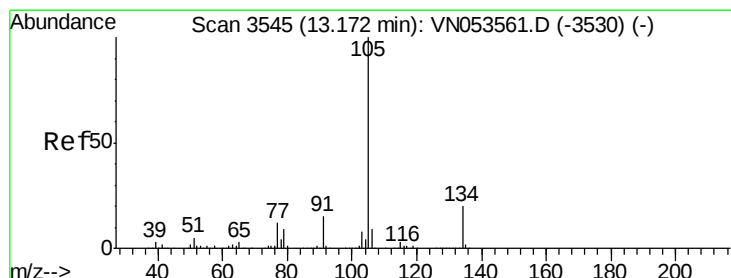
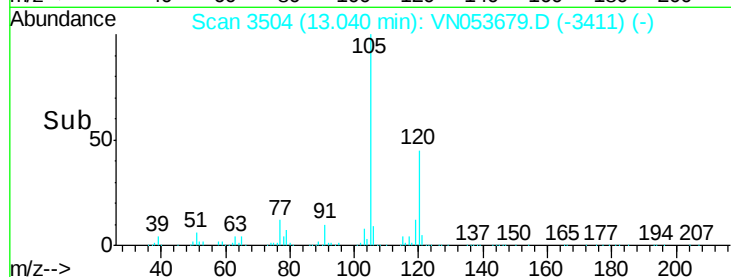
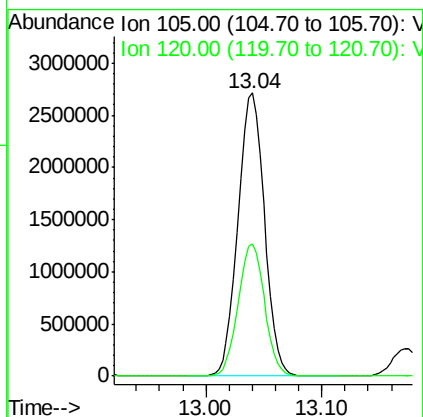
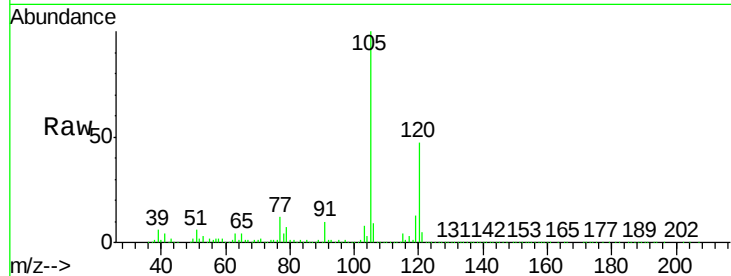
ClientSampleId :

Tot Ion:105 Resp: 4290100

Ion Ratio Lower Upper

105 100

120 46.4 23.0 69.0



#85

sec-Butylbenzene

Concen: 11.190 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053679.D

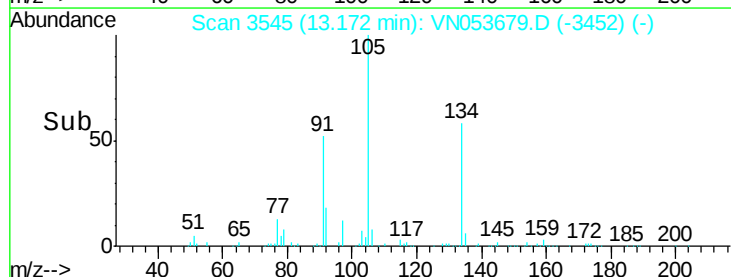
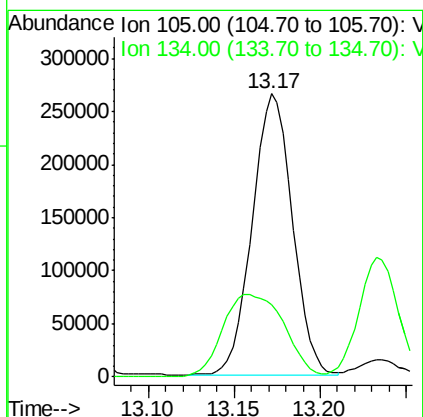
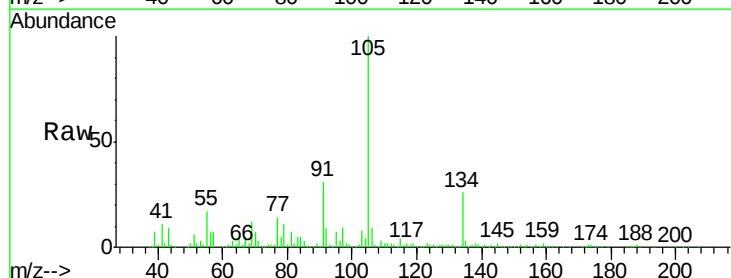
Acq: 8 Feb 2019 14:10

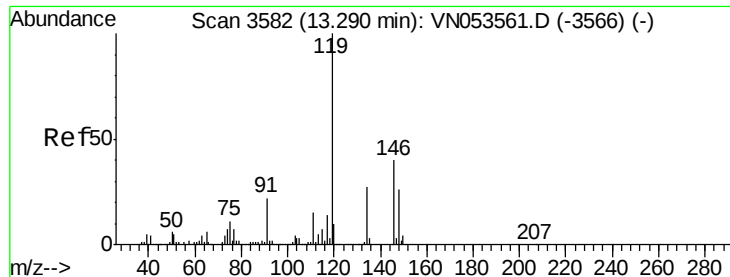
Tgt Ion:105 Resp: 427240

Ion Ratio Lower Upper

105 100

134 45.0 10.2 30.6#

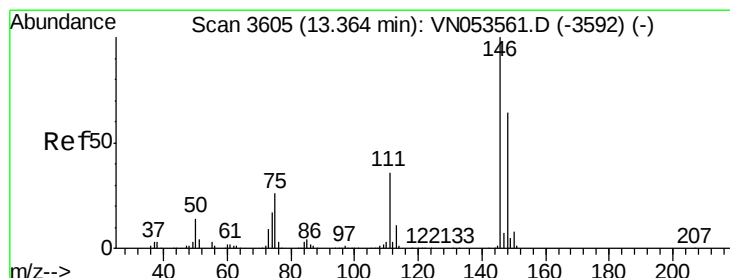
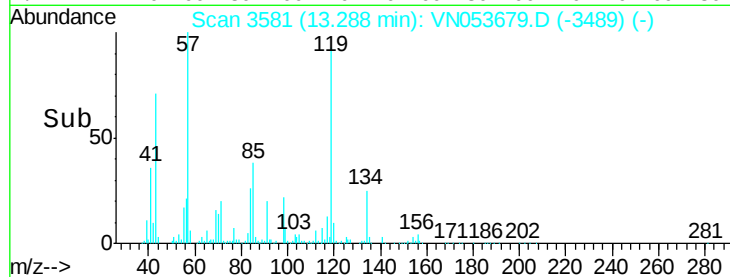
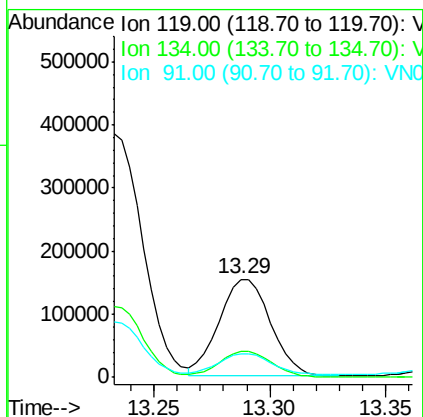
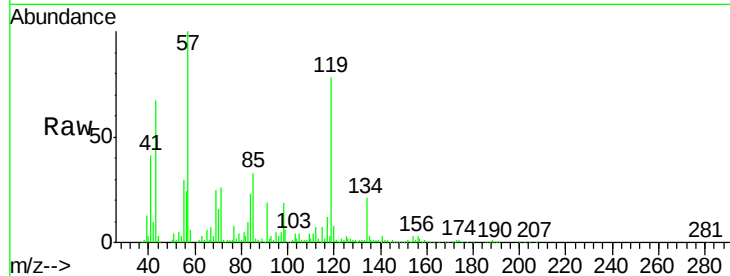




#86
 p-Isopropyltoluene
 Concen: 7.053 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053679.D
 Acq: 8 Feb 2019 14:10

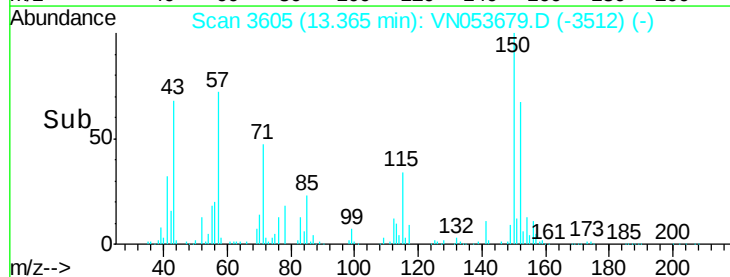
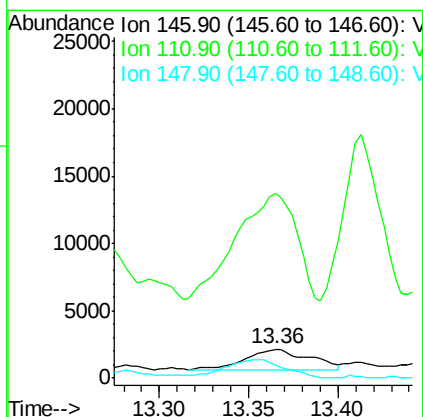
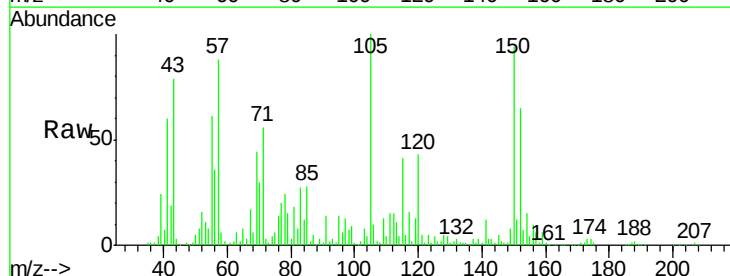
Instrument :
 MSVOA_N
 ClientSampled :

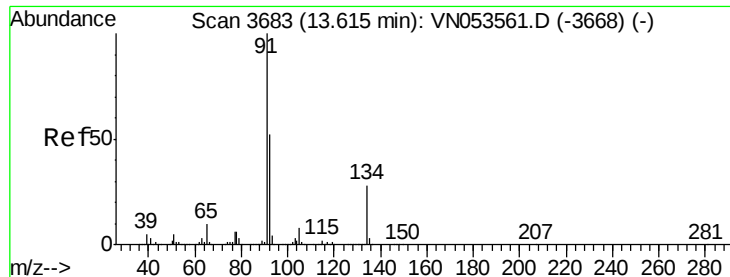
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.5	40.4
91	22.4	11.0	33.0



#88
 1,4-Dichlorobenzene
 Concen: 0.207 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053679.D
 Acq: 8 Feb 2019 14:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	495.2	18.6	55.8#
148	85.9	32.4	97.0





#89

n-Butylbenzene

Concen: 39.293 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

ClientSampleId :

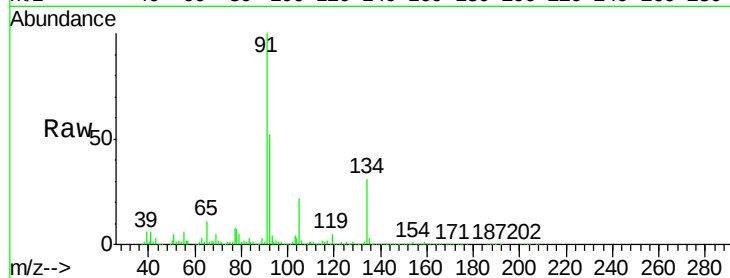
Tot Ion: 91 Resp: 1135702

Ion Ratio Lower Upper

91 100

92 58.7 26.3 78.8

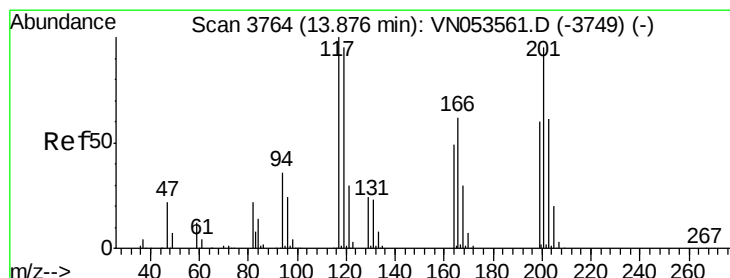
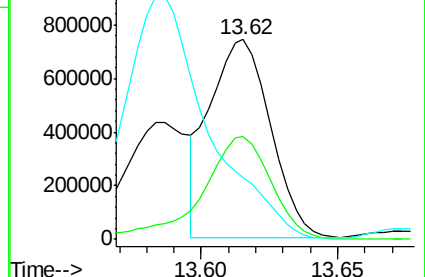
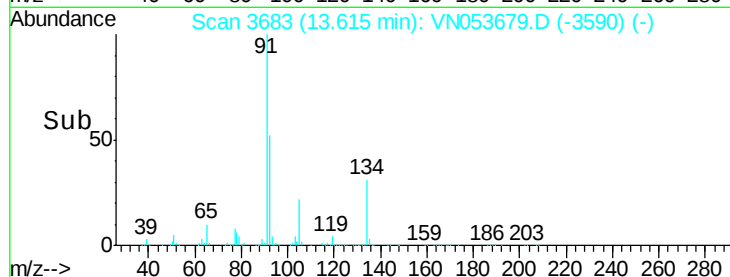
134 0.0 13.5 40.5#



Abundance Ion 91.00 (90.70 to 91.70): VN053561.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053561.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053561.D (-3668) (-)



#90

Hexachloroethane

Concen: 52.146 ug/l

RT: 13.89 min Scan# 3768

Delta R.T. 0.01 min

Lab File: VN053679.D

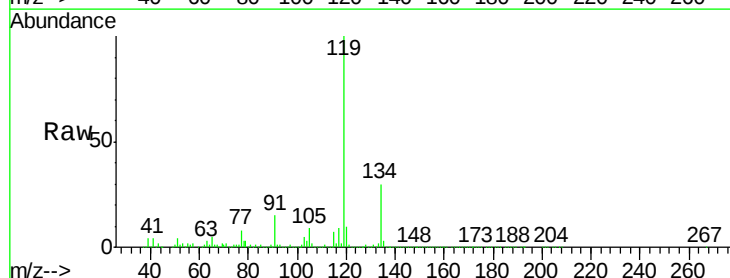
Acq: 8 Feb 2019 14:10

Tgt Ion: 117 Resp: 287219

Ion Ratio Lower Upper

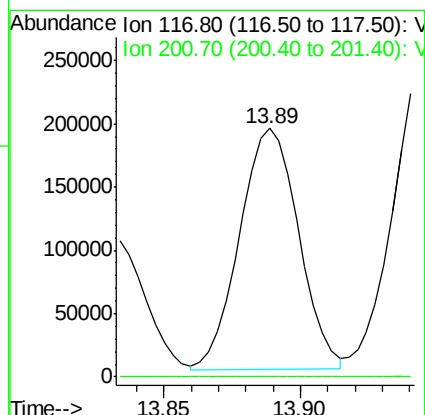
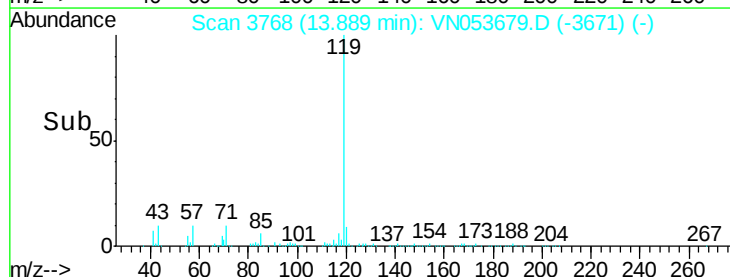
117 100

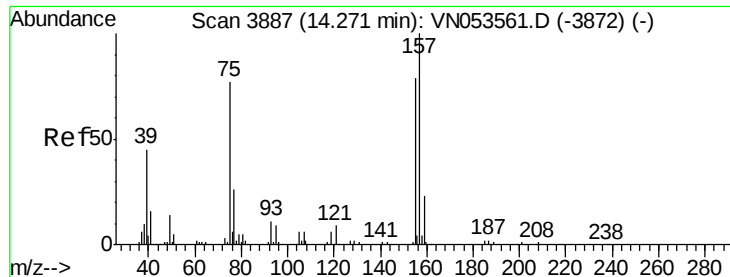
201 0.1 46.8 140.4#



Abundance Ion 116.80 (116.50 to 117.50): VN053561.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053561.D (-3749) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: 4.374 ug/l

RT: 14.30 min Scan# 3895

Delta R.T. 0.03 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Instrument :

MSVOA_N

ClientSampled :

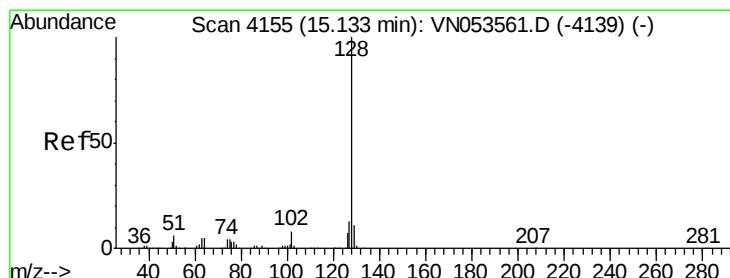
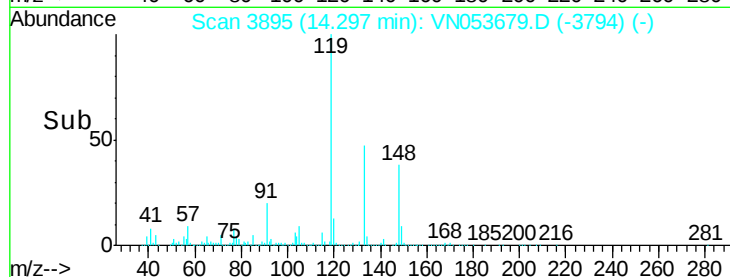
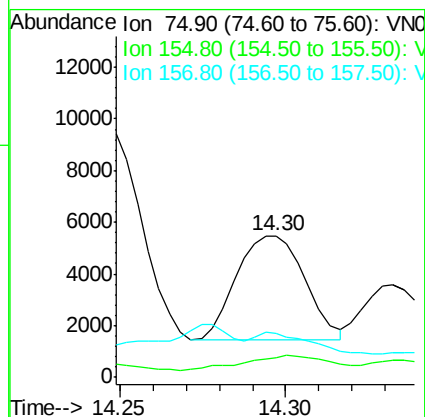
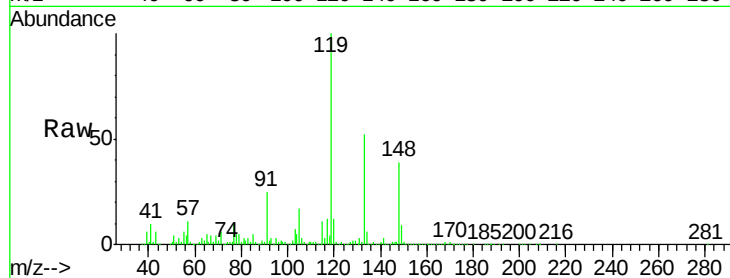
Tot Ion: 75 Resp: 5712

Ion Ratio Lower Upper

75 100

155 17.2 48.9 146.7#

157 16.3 63.7 191.3#



#95

Naphthalene

Concen: 6.383 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053679.D

Acq: 8 Feb 2019 14:10

Tgt Ion: 128 Resp: 115155

Ion Ratio Lower Upper

128 100

127 15.6 10.3 15.5#

129 0.0 8.6 13.0#

