

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091718\
 Data File : VN051279.D
 Acq On : 17 Sep 2018 19:02
 Operator : MD\SY
 Sample : J4929-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 09:30:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	450208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	667383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	561157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	187873	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	242297	49.52	ug/l	0.00
Spiked Amount			Recovery	=	99.04%	
35) Dibromofluoromethane	7.59	113	258594	49.86	ug/l	0.00
Spiked Amount			Recovery	=	99.72%	
50) Toluene-d8	10.09	98	877963	45.80	ug/l	0.00
Spiked Amount			Recovery	=	91.60%	
62) 4-Bromofluorobenzene	12.40	95	241596	39.62	ug/l	0.00
Spiked Amount			Recovery	=	79.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.06	50	2214	Below Cal		96
5) Bromomethane	2.57	94	2375	1.20 ug/l		96
10) Methyl Iodide	3.96	142	635	6.22 ug/l #		43
11) Tert butyl alcohol	4.78	59	358	1.33 ug/l #		73
13) Acrolein	3.62	56	100	10.57 ug/l #		51
16) Acetone	3.82	43	13485	2.51 ug/l		93
20) Methylene Chloride	4.55	84	90493	16.90 ug/l		99
25) 2-Butanone	6.85	43	5620	3.59 ug/l		94
29) Tetrahydrofuran	7.21	42	198	0.20 ug/l #		56
30) Chloroform	7.37	83	7546	0.85 ug/l		100
31) Cyclohexane	7.67	56	7048	0.83 ug/l #		1
36) 1,1-Dichloropropene	7.67	75	28375	3.93 ug/l #		43
38) Carbon Tetrachloride	7.67	117	37384	4.96 ug/l #		17
43) Isopropyl Acetate	8.17	43	171468	26.68 ug/l		98
47) Bromodichloromethane	9.40	83	1961	0.28 ug/l #		79
48) Methyl methacrylate	9.18	41	5148	1.66 ug/l #		15
51) 4-Methyl-2-Pentanone	9.99	43	1943	0.59 ug/l #		68
56) Ethyl methacrylate	10.56	69	60	2.08 ug/l #		1
59) 2-Hexanone	10.77	43	12247	5.61 ug/l #		59
70) Styrene	11.97	104	543	1.28 ug/l #		89
71) Bromoform	12.40	173	2141	0.61 ug/l #		1
76) 1,2,3-Trichloropropane	12.40	75	111058	42.84 ug/l #		100
77) Bromobenzene	12.53	156	164	Below Cal #		58
80) 1,3,5-Trimethylbenzene	12.73	105	2799	0.22 ug/l		93
81) trans-1,4-Dichloro-2-buten	12.40	75	111058	131.29 ug/l #		15
84) 1,2,4-Trimethylbenzene	13.04	105	4961	0.40 ug/l		93
88) 1,4-Dichlorobenzene	13.37	146	651	0.51 ug/l #		26
89) n-Butylbenzene	13.62	91	709	2.09 ug/l #		66
90) Hexachloroethane	13.89	117	999	Below Cal #		1
91) 1,2-Dichlorobenzene	13.65	146	205	Below Cal #		1
93) 1,2,4-Trichlorobenzene	14.91	180	548	5.19 ug/l #		63
95) Naphthalene	15.13	128	162358	30.27 ug/l		99
96) 1,2,3-Trichlorobenzene	15.32	180	552	4.03 ug/l #		16

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Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 19 09:30:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration

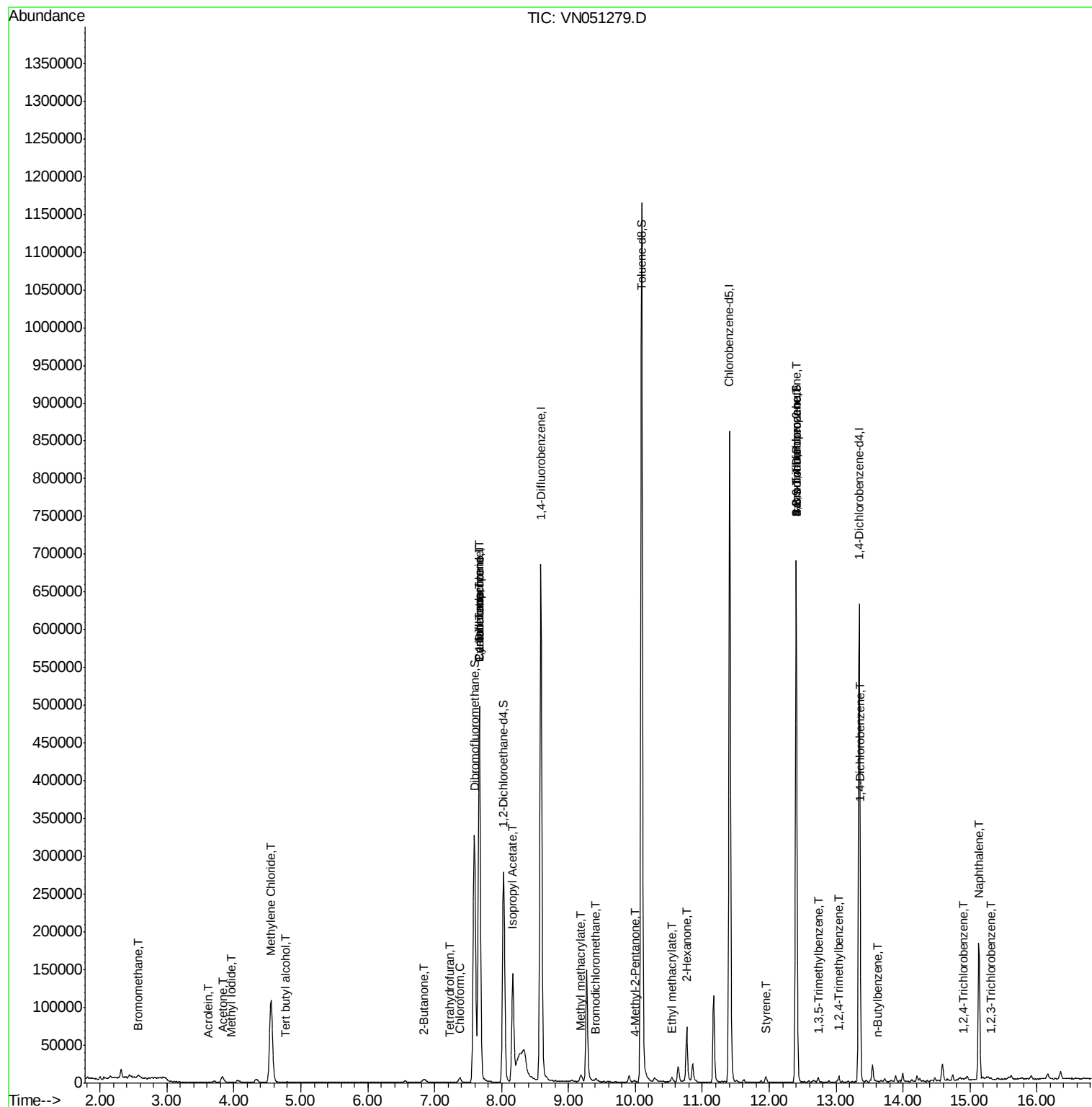
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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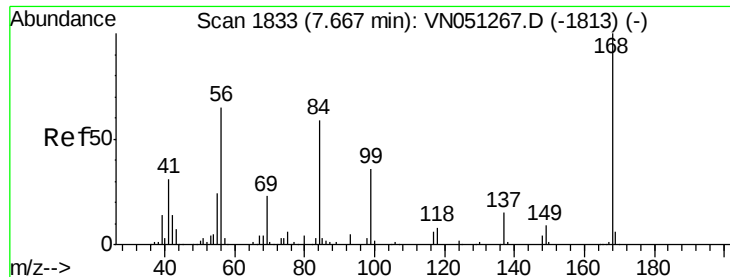
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091718\
Data File : VN051279.D
Acq On : 17 Sep 2018 19:02
Operator : MD\SY
Sample : J4929-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 18 15:08:26 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 18 06:04:06 2018
Response via : Initial Calibration



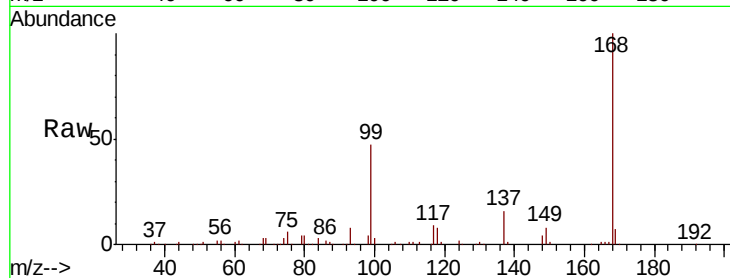


#1

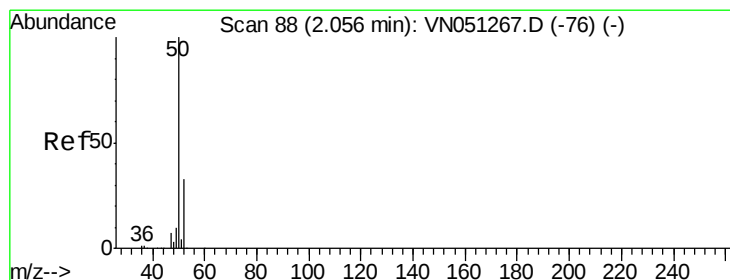
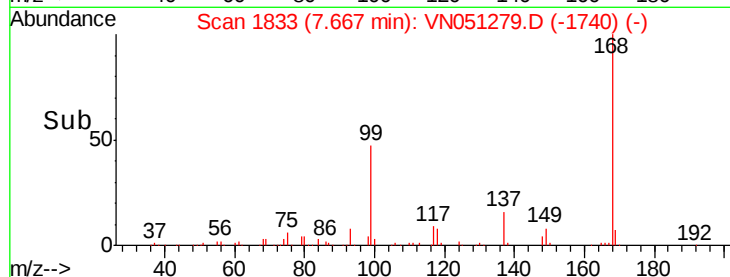
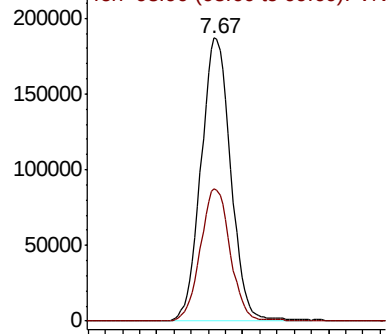
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:168 Resp: 450208
 Ion Ratio Lower Upper
 168 100
 99 46.8 38.2 57.4



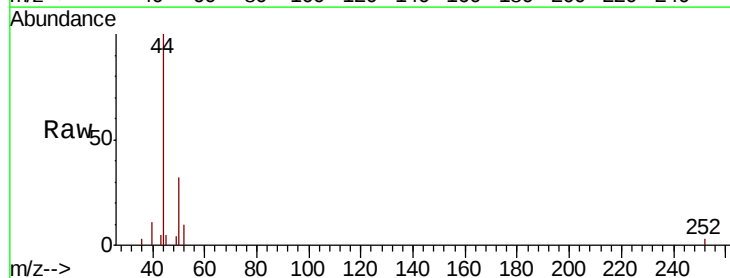
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VNO



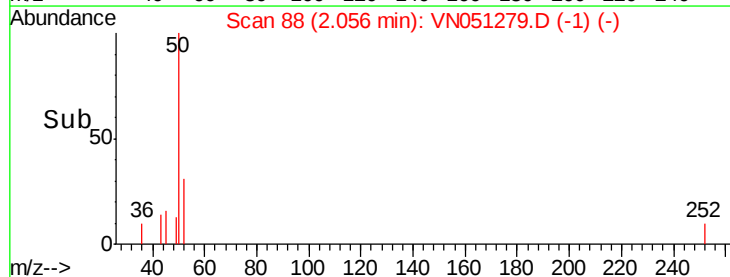
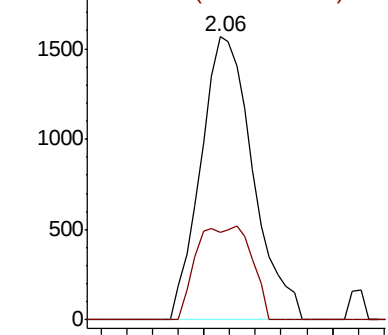
#3

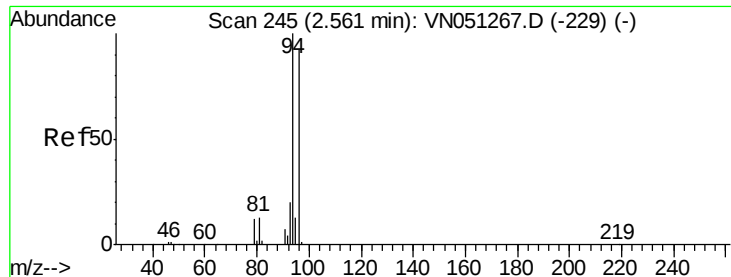
Chloromethane
 Concen: Below Cal
 RT: 2.06 min Scan# 88
 Delta R.T. 0.00 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

Tgt Ion: 50 Resp: 2214
 Ion Ratio Lower Upper
 50 100
 52 31.1 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO
 Ion 51.90 (51.60 to 52.60): VNO





#5

Bromomethane

Concen: 1.20 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

Instrument :

MSVOA_N

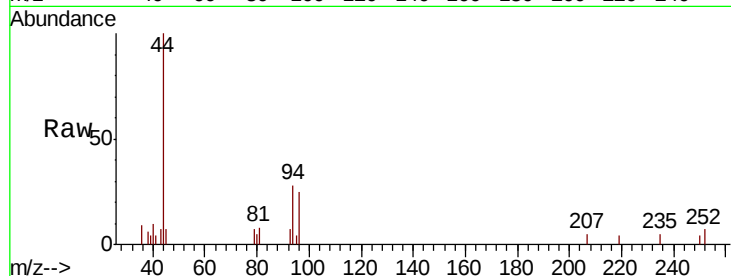
ClientSampled :

Tot Ion: 94 Resp: 2375

Ion Ratio Lower Upper

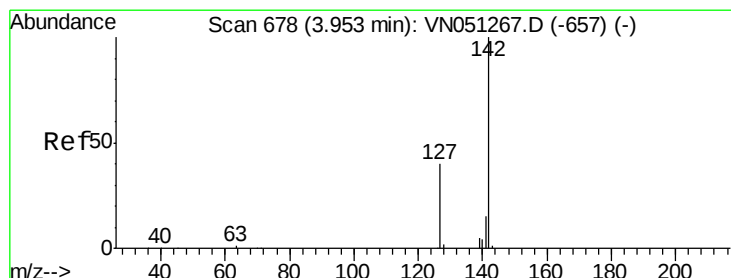
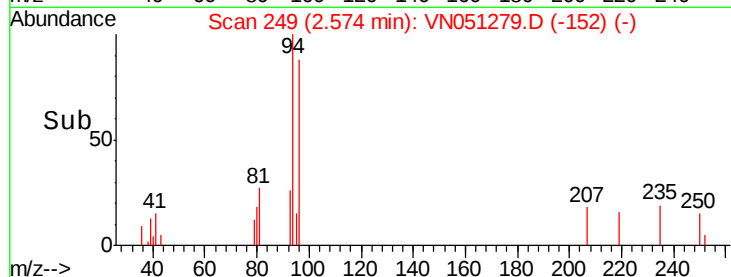
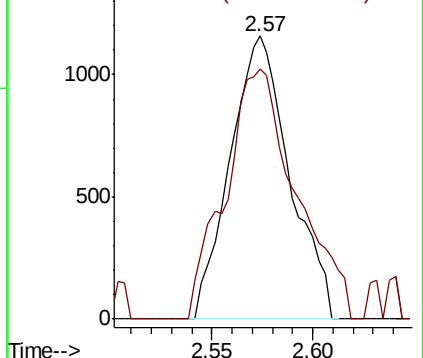
94 100

96 88.3 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#10

Methyl Iodide

Concen: 6.22 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

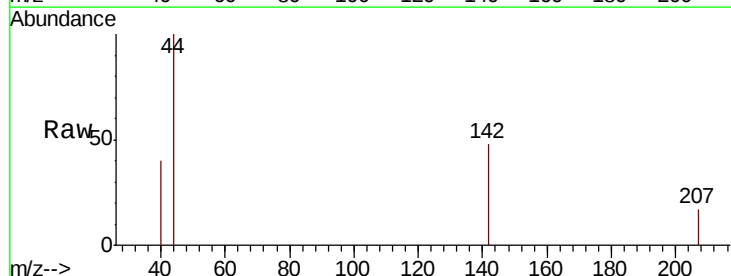
Tgt Ion: 142 Resp: 635

Ion Ratio Lower Upper

142 100

127 0.0 31.7 47.5#

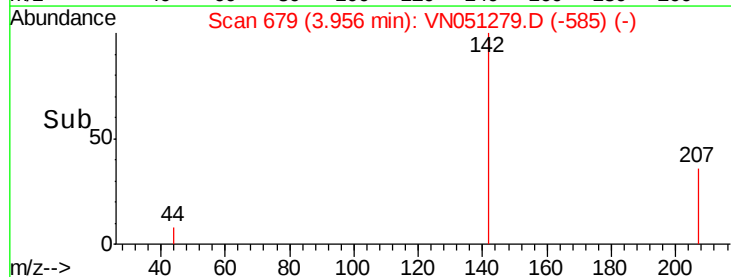
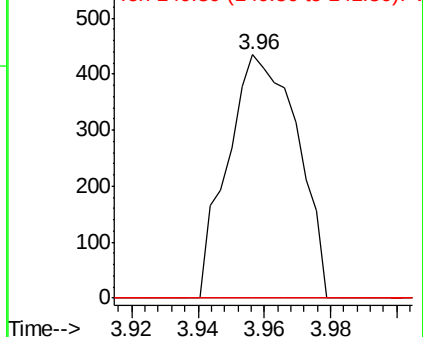
141 0.0 11.6 17.4#

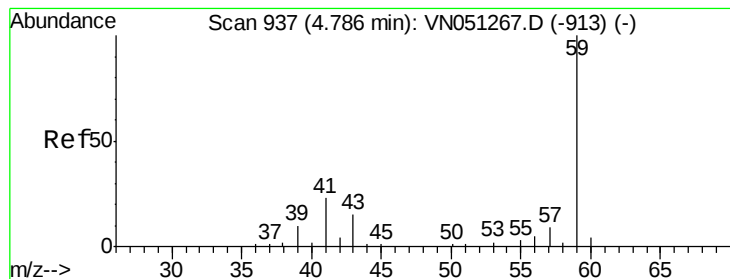


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



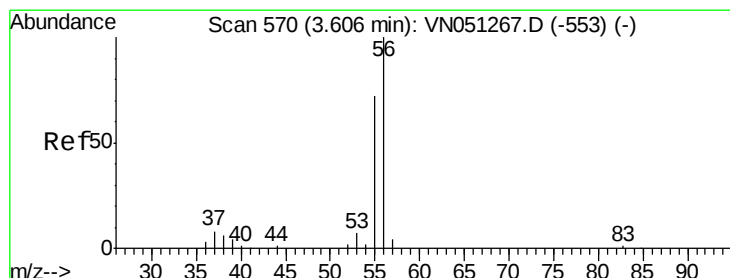
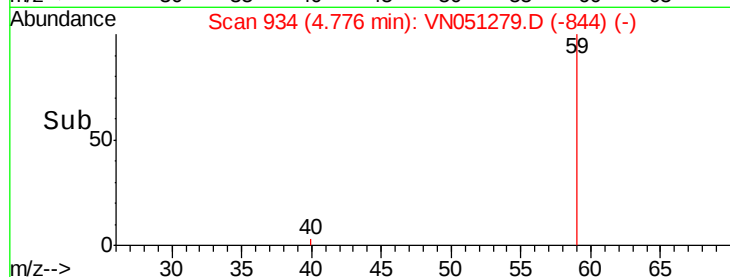
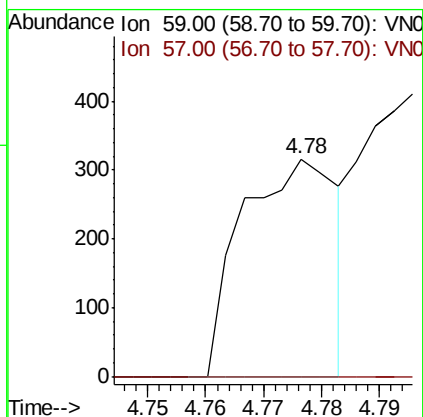
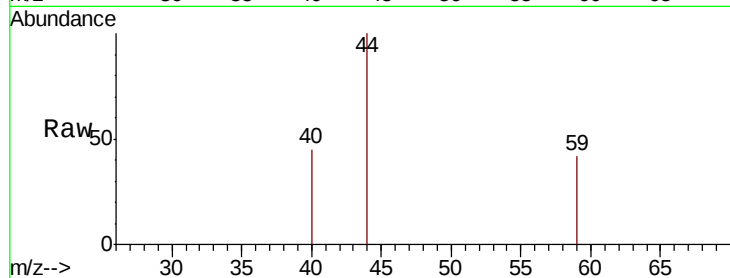


#11

Tert butyl alcohol
 Concen: 1.33 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

Instrument :
 MSVOA_N
 ClientSampled :

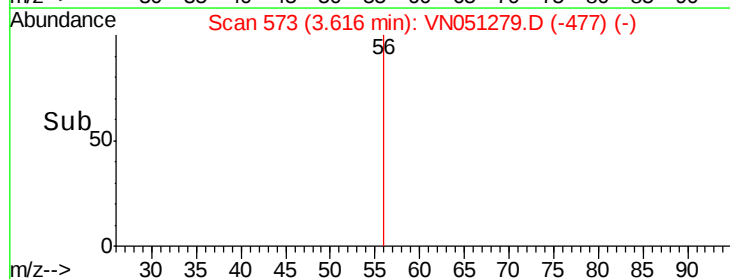
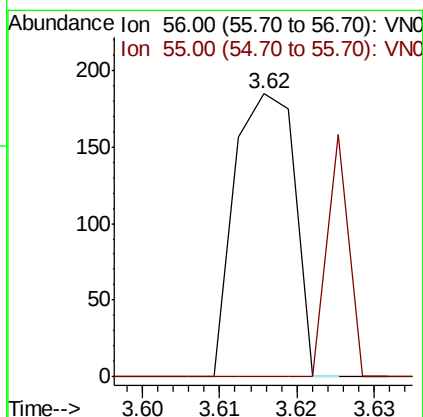
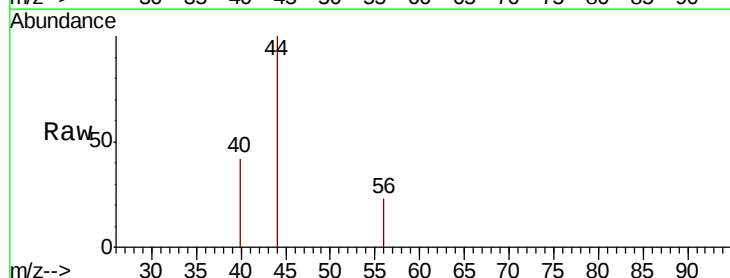
Tot Ion: 59 Resp: 358
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

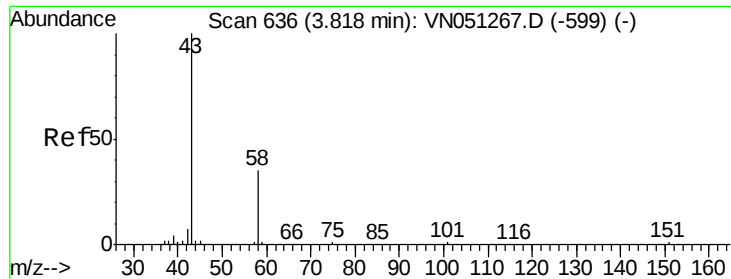


#13

Acrolein
 Concen: 10.57 ug/l
 RT: 3.62 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

Tgt Ion: 56 Resp: 100
 Ion Ratio Lower Upper
 56 100
 55 30.0 56.4 84.6#





#16

Acetone

Concen: 2.51 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

Instrument :

MSVOA_N

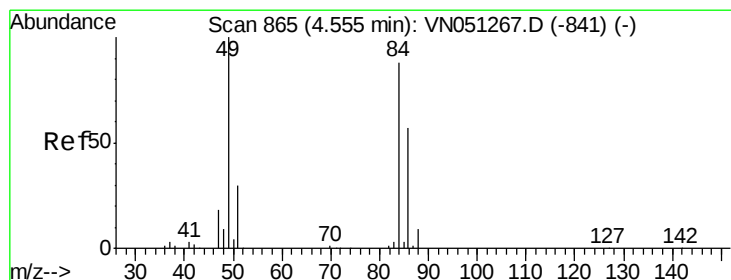
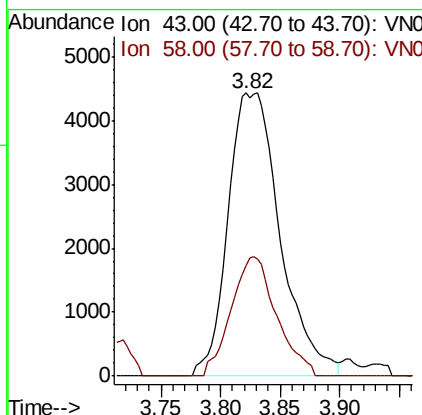
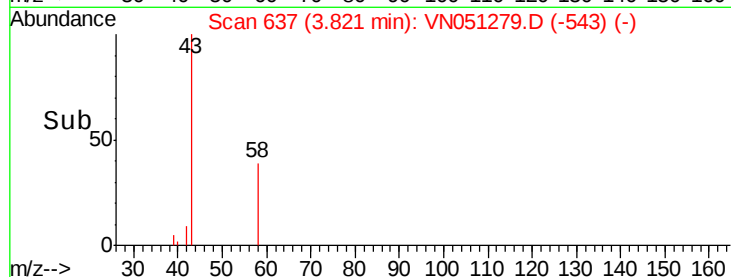
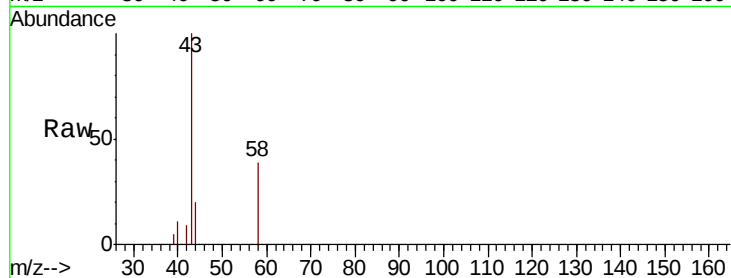
ClientSampleId :

Tot Ion: 43 Resp: 13485

Ion Ratio Lower Upper

43 100

58 39.1 28.2 42.2



#20

Methylene Chloride

Concen: 16.90 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

Tgt Ion: 84 Resp: 90493

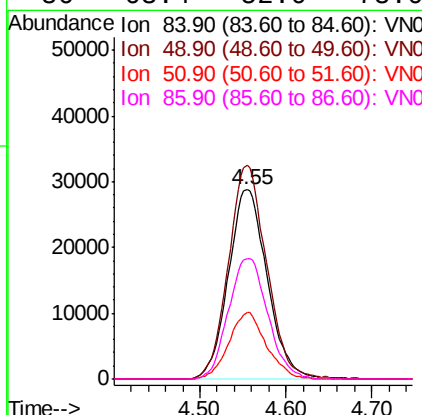
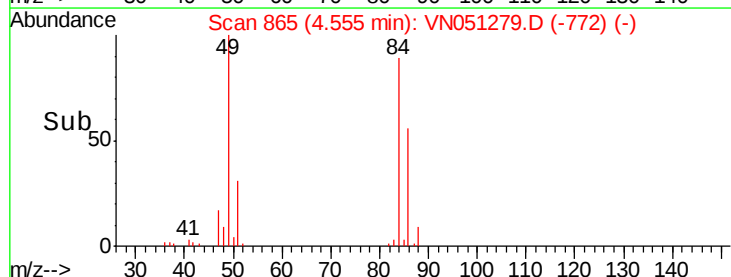
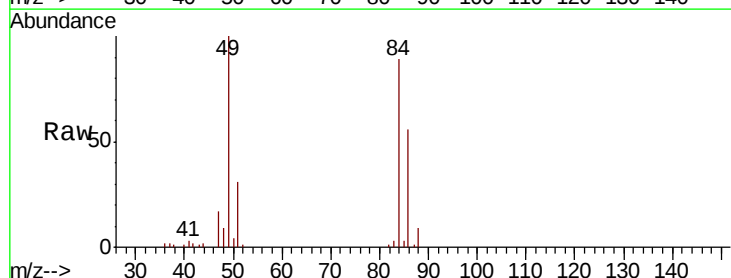
Ion Ratio Lower Upper

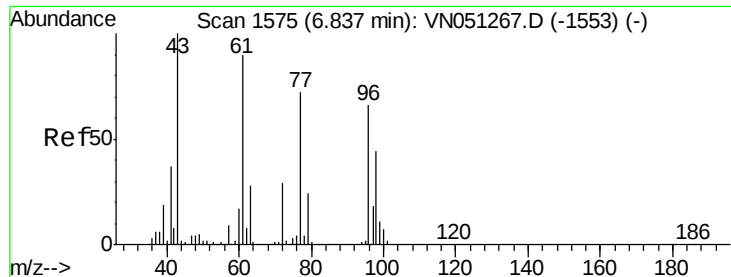
84 100

49 112.9 91.2 136.8

51 35.1 27.7 41.5

86 63.4 52.0 78.0





#25

2-Butanone

Concen: 3.59 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

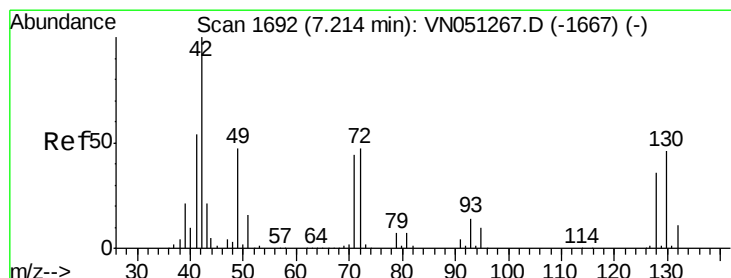
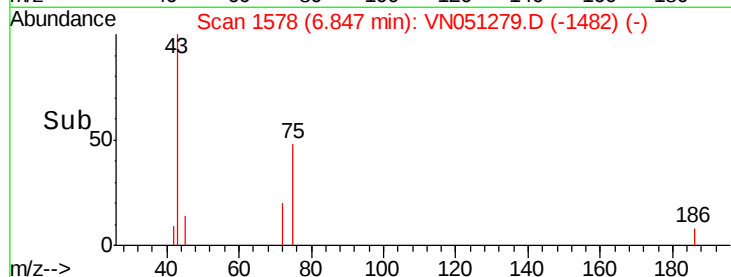
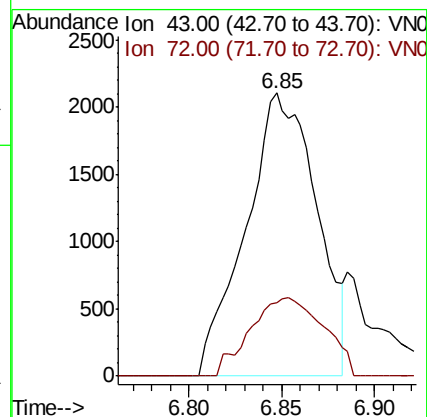
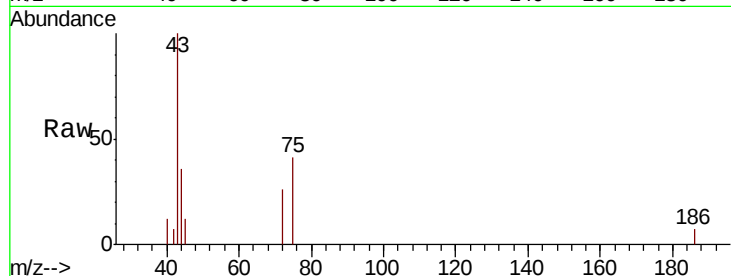
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 5620

Ion Ratio Lower Upper

43 100

72 26.1 23.4 35.0



#29

Tetrahydrofuran

Concen: 0.20 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

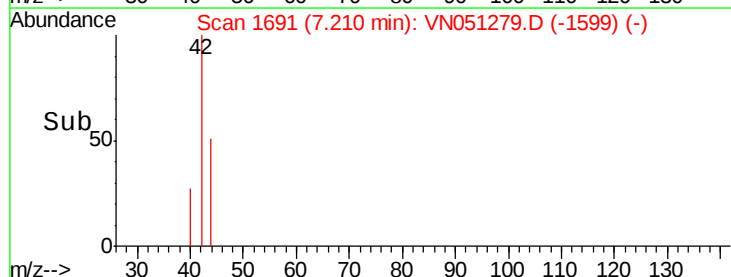
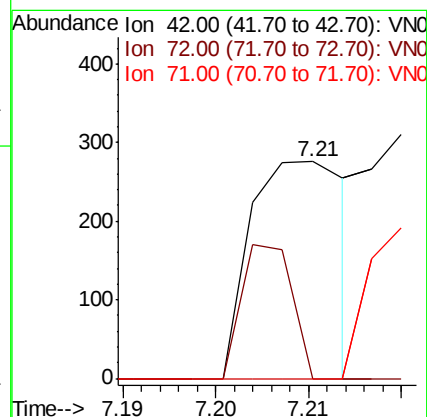
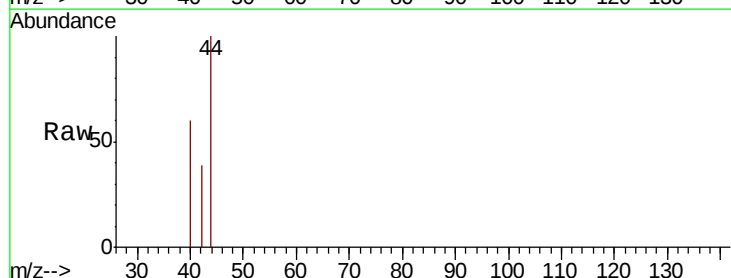
Tgt Ion: 42 Resp: 198

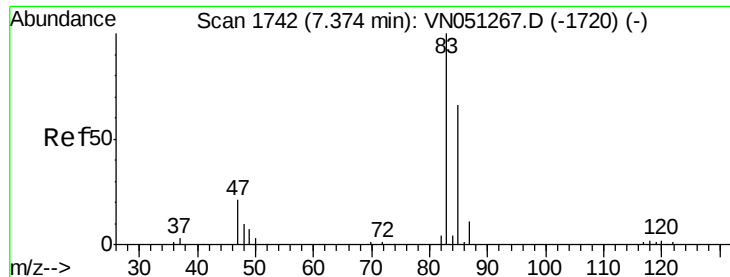
Ion Ratio Lower Upper

42 100

72 32.3 37.6 56.4#

71 0.0 35.4 53.2#

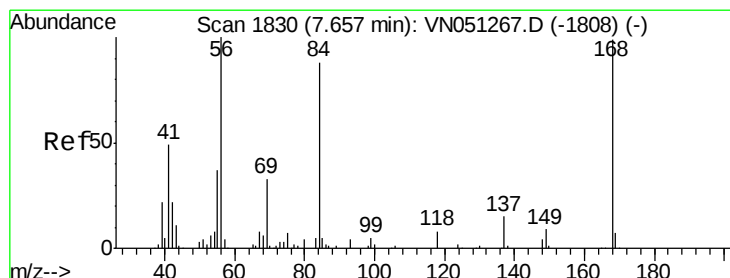
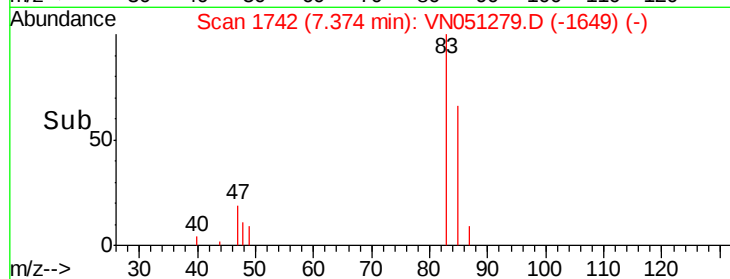
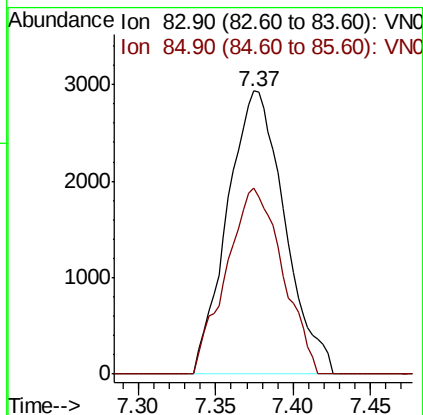
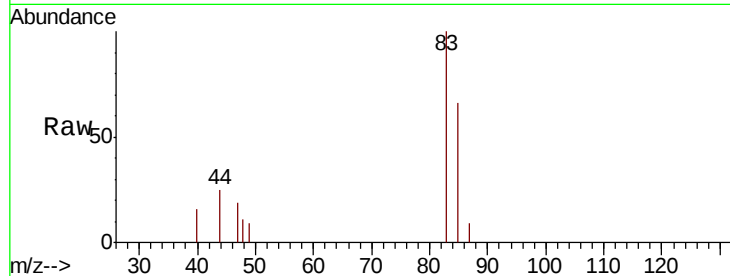




#30
Chloroform
Concen: 0.85 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051279.D
Acq: 17 Sep 2018 19:02

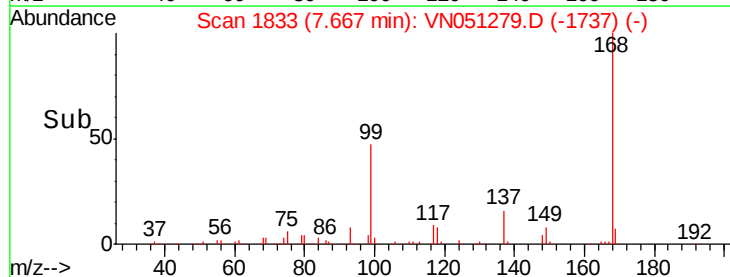
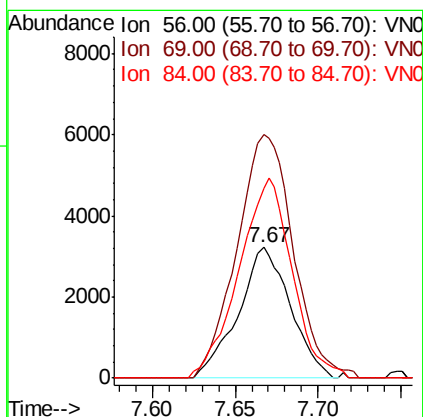
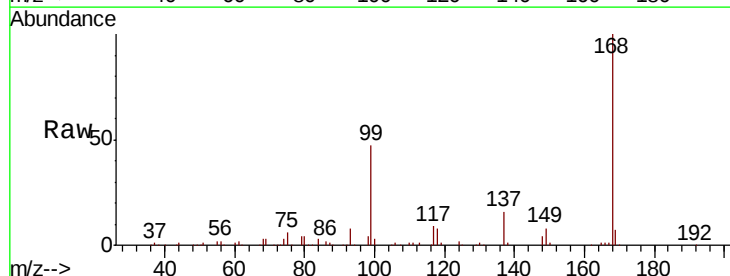
Instrument :
MSVOA_N
ClientSampleId :

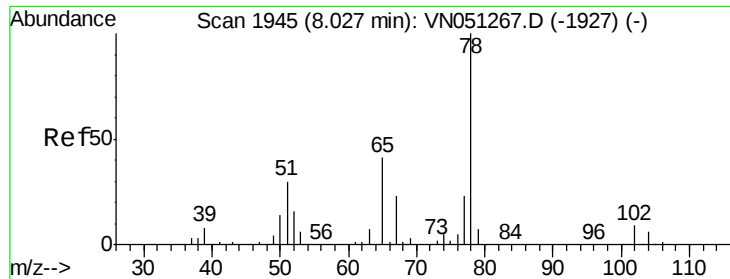
Tot Ion: 83 Resp: 7546
Ion Ratio Lower Upper
83 100
85 65.7 52.4 78.6



#31
Cyclohexane
Concen: 0.83 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN051279.D
Acq: 17 Sep 2018 19:02

Tgt Ion: 56 Resp: 7048
Ion Ratio Lower Upper
56 100
69 186.1 26.2 39.2#
84 145.6 70.6 106.0#

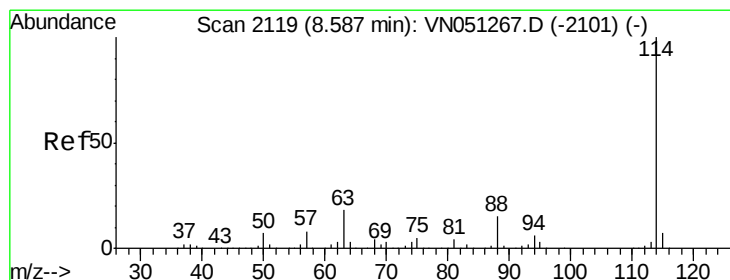
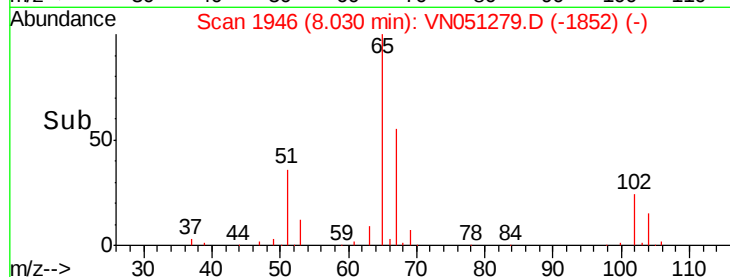
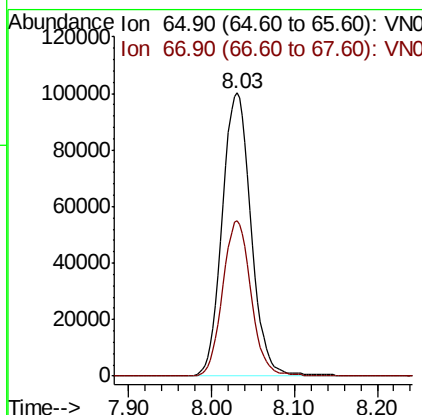
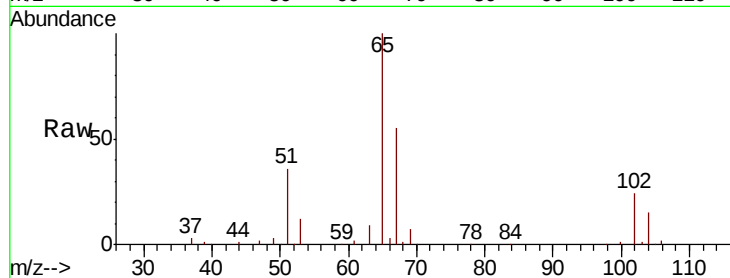




#33
 1,2-Dichloroethane-d4
 Concen: 49.52 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

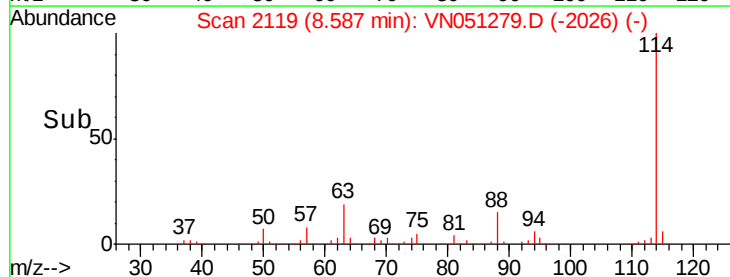
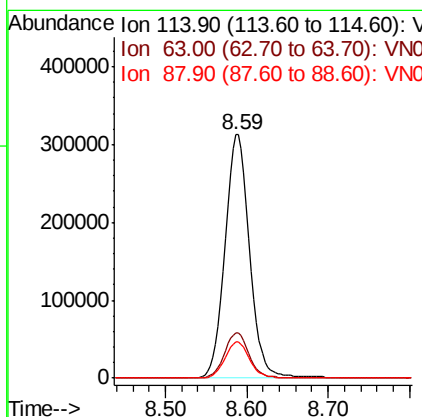
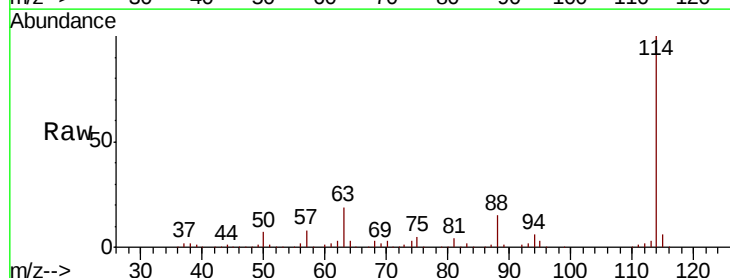
Instrument :
 MSVOA_N
 ClientSampled :

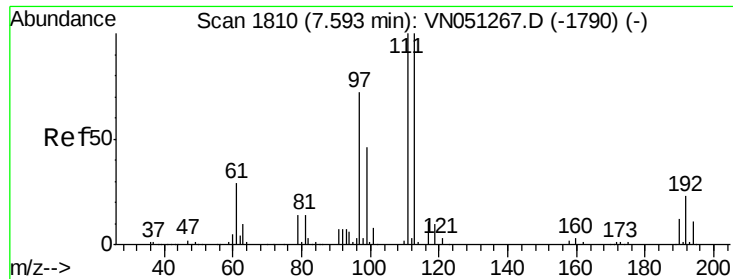
Tot Ion: 65 Resp: 242297
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

Tgt Ion: 114 Resp: 667383
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 14.7 0.0 30.8

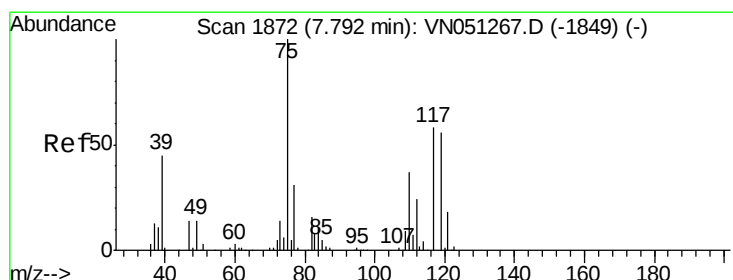
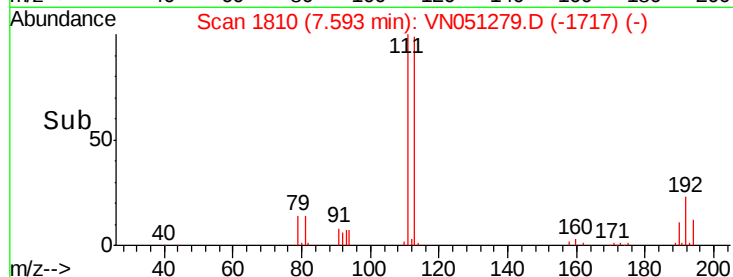
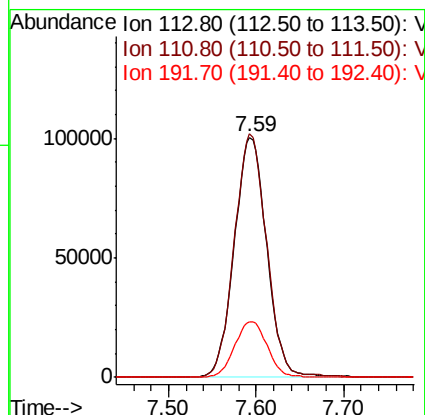
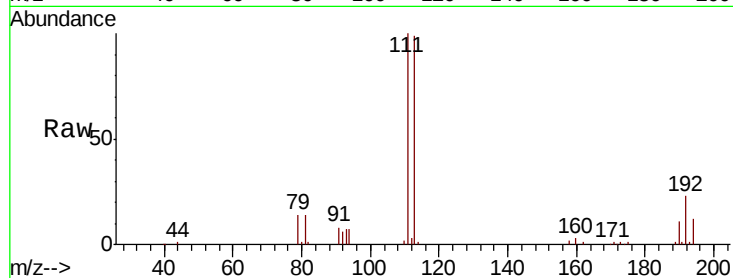




#35
 Dibromofluoromethane
 Concen: 49.86 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

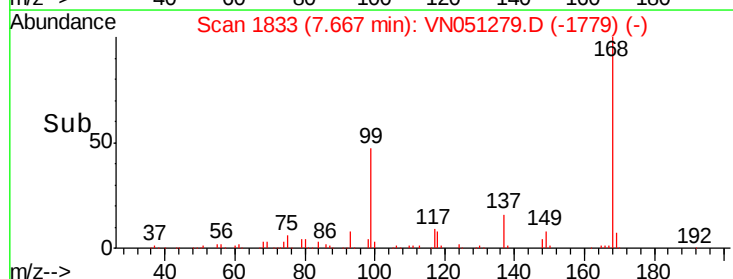
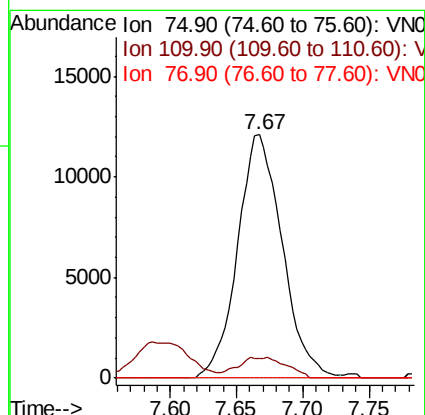
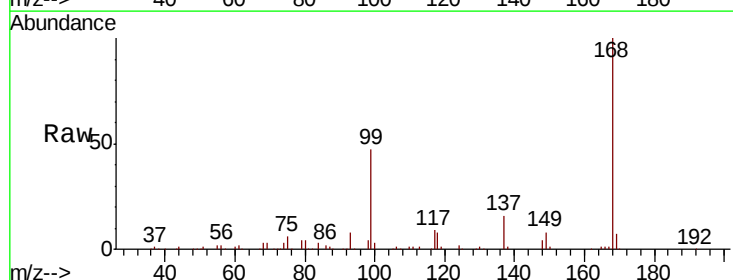
Instrument :
 MSVOA_N
 ClientSampleId :

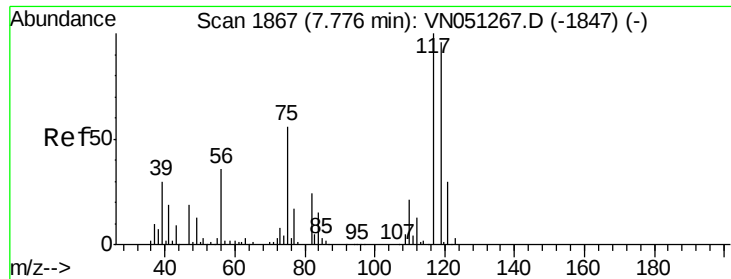
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.2	82.2	123.4
192	23.4	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 3.93 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	2.6	18.6	56.0#
77	0.0	24.7	37.1#

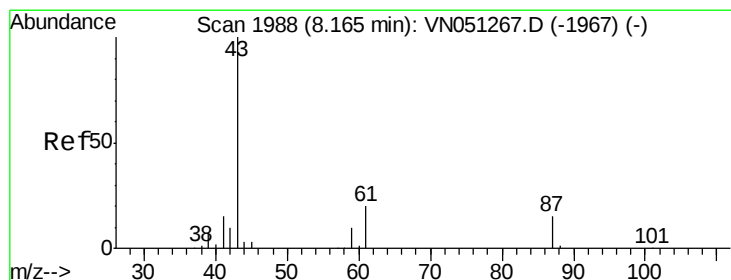
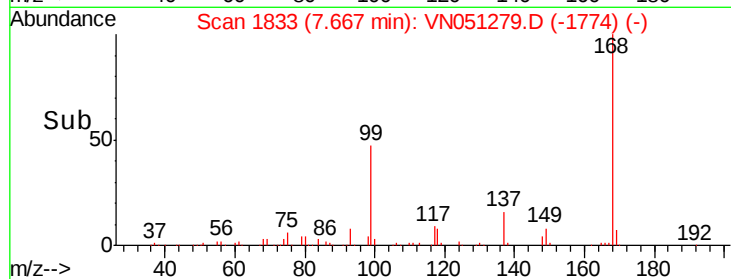
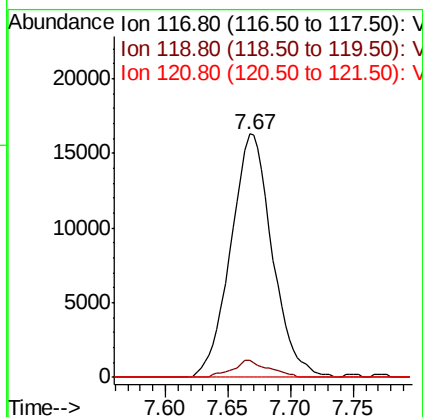
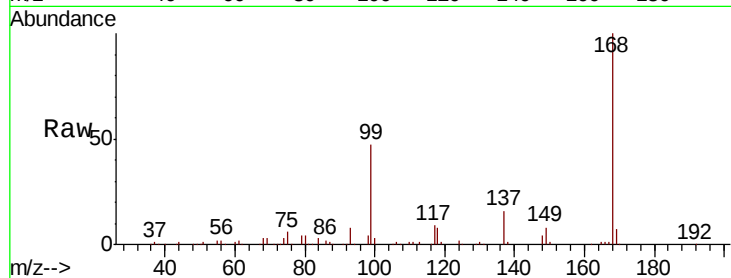




#38
Carbon Tetrachloride
Concen: 4.96 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.11 min
Lab File: VN051279.D
Acq: 17 Sep 2018 19:02

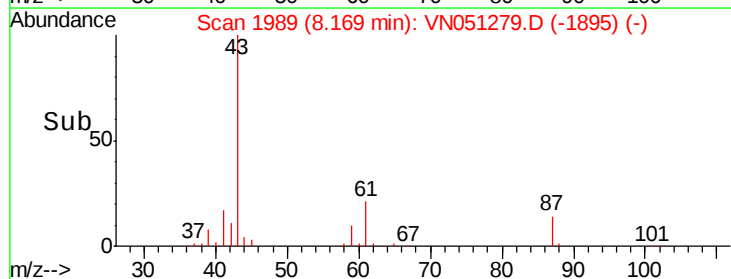
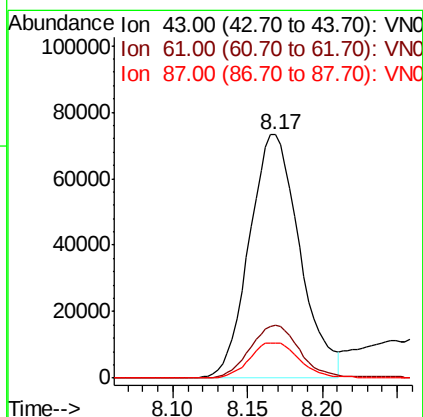
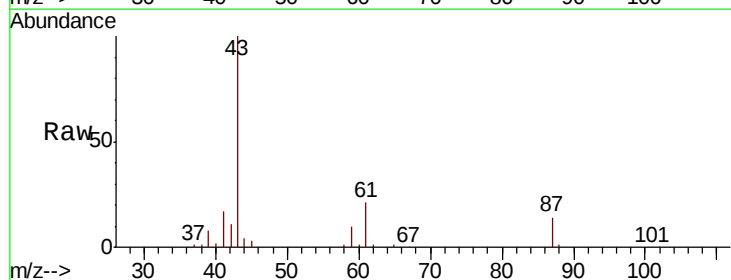
Instrument :
MSVOA_N
ClientSampled :

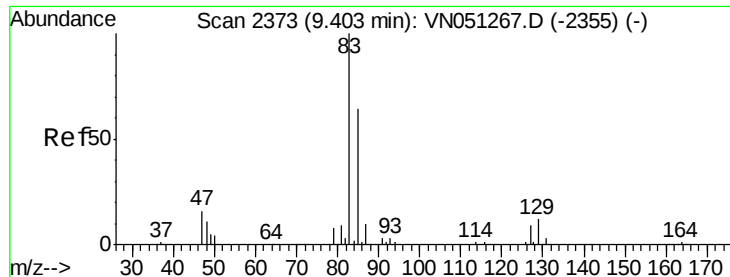
Tot Ion:117 Resp: 37384
Ion Ratio Lower Upper
117 100
119 6.9 76.8 115.2#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 26.68 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051279.D
Acq: 17 Sep 2018 19:02

Tgt Ion: 43 Resp: 171468
Ion Ratio Lower Upper
43 100
61 21.2 17.4 26.2
87 14.4 12.2 18.4





#47

Bromodichloromethane

Concen: 0.28 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

Instrument :
MSVOA_N
ClientSampleId :

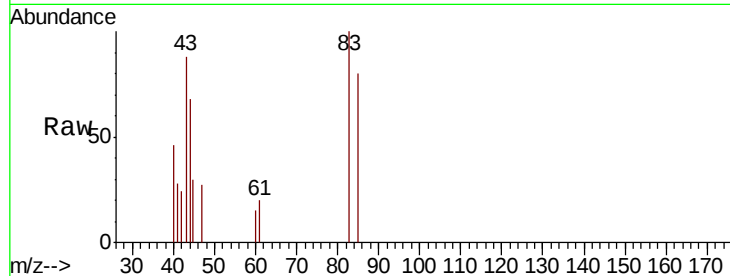
Tot Ion: 83 Resp: 1961

Ion Ratio Lower Upper

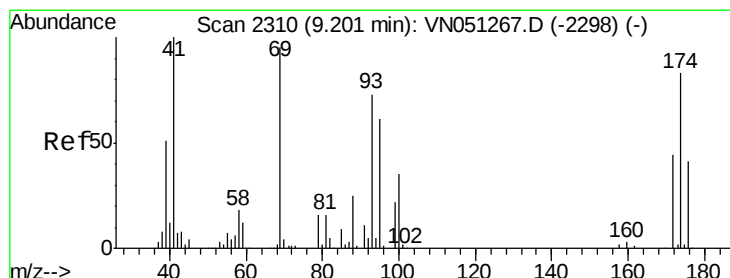
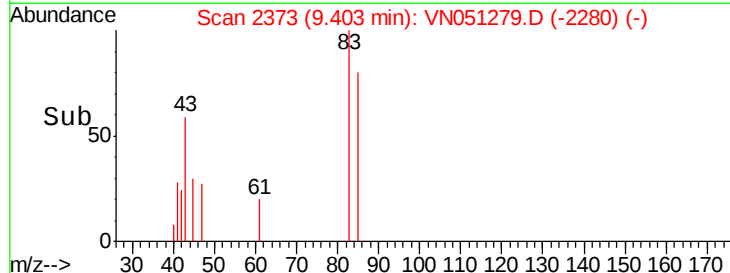
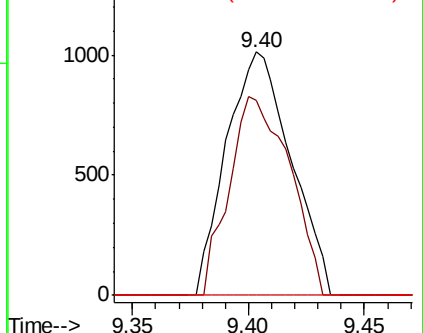
83 100

85 79.9 51.0 76.4#

127 0.0 7.1 10.7#



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



#48

Methyl methacrylate

Concen: 1.66 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

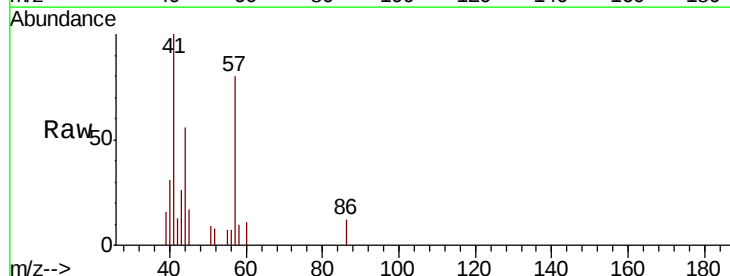
Tgt Ion: 41 Resp: 5148

Ion Ratio Lower Upper

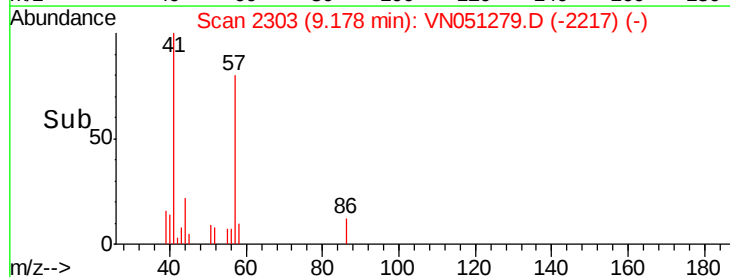
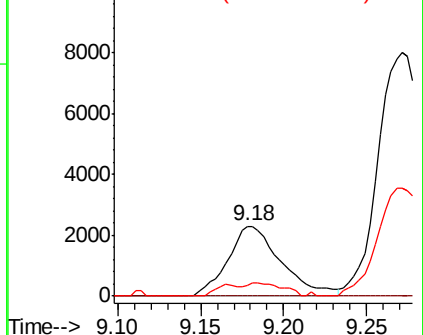
41 100

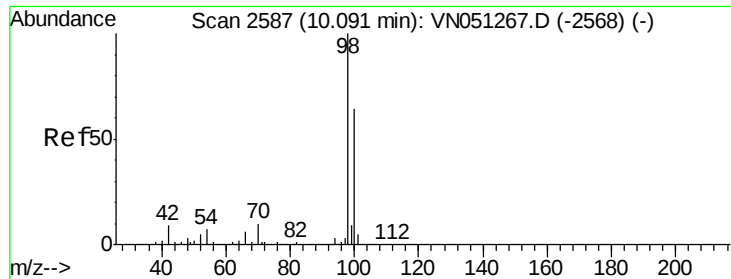
69 0.0 78.9 118.3#

39 12.3 42.2 63.2#



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





#50

Toluene-d8

Concen: 45.80 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

Instrument :

MSVOA_N

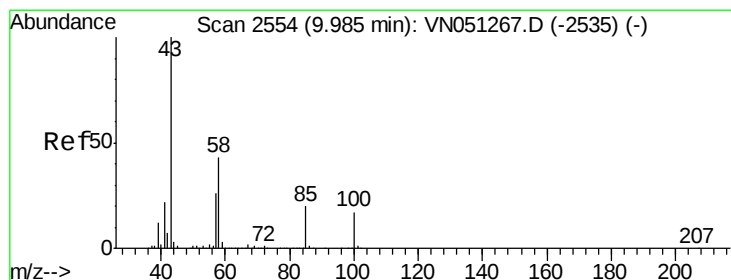
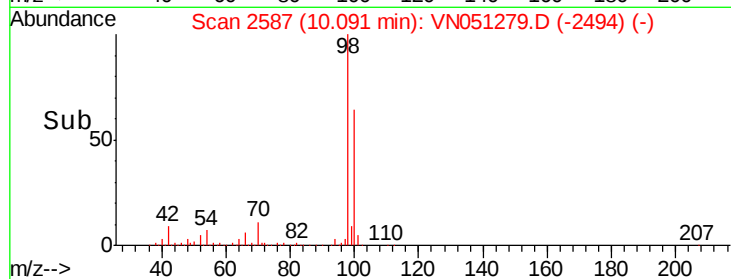
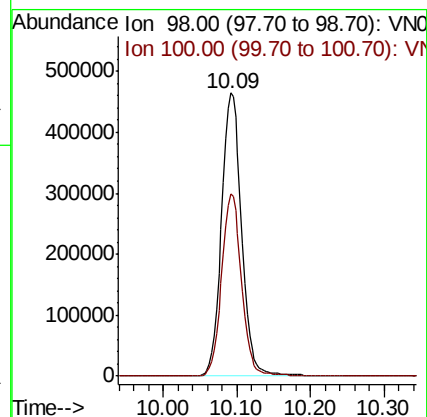
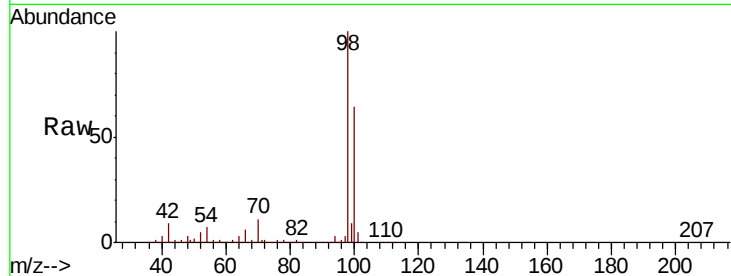
ClientSampled :

Tot Ion: 98 Resp: 877963

Ion Ratio Lower Upper

98 100

100 63.6 51.6 77.4



#51

4-Methyl-2-Pentanone

Concen: 0.59 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN051279.D

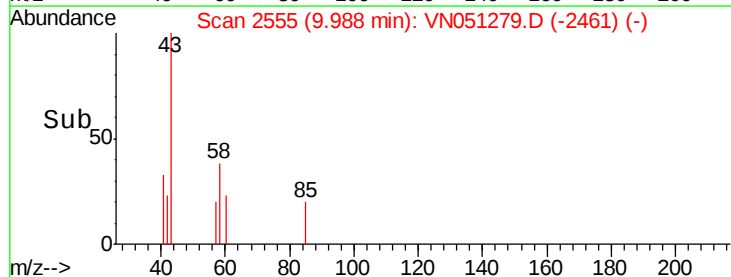
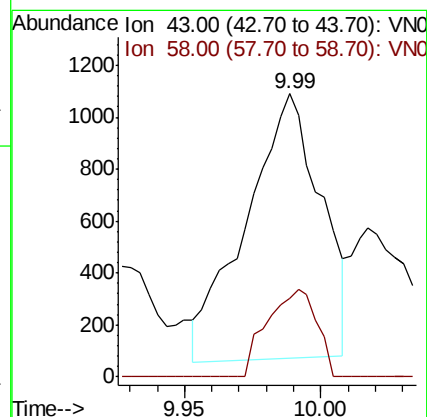
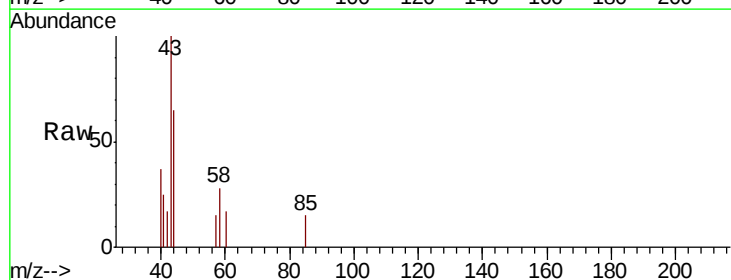
Acq: 17 Sep 2018 19:02

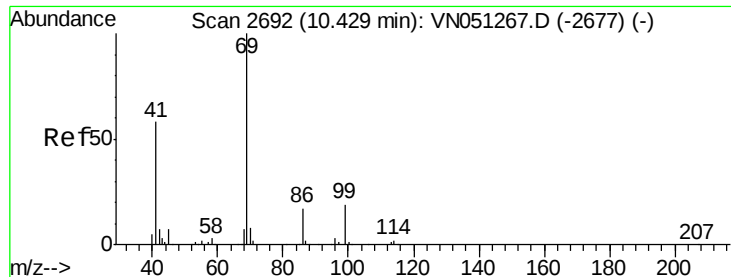
Tgt Ion: 43 Resp: 1943

Ion Ratio Lower Upper

43 100

58 21.8 33.8 50.6#





#56

Ethyl methacrylate

Concen: 2.08 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.13 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

Instrument :

MSVOA_N

ClientSampled :

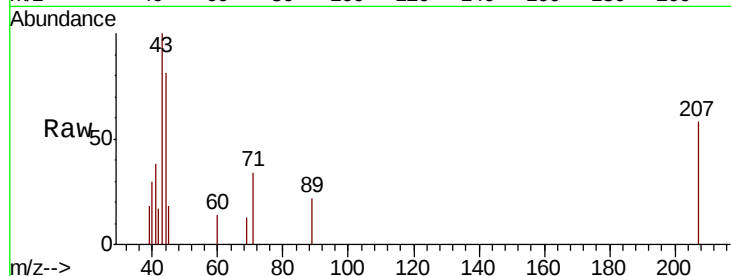
Tot Ion: 69 Resp: 60

Ion Ratio Lower Upper

69 100

41 2376.7 47.4 71.0#

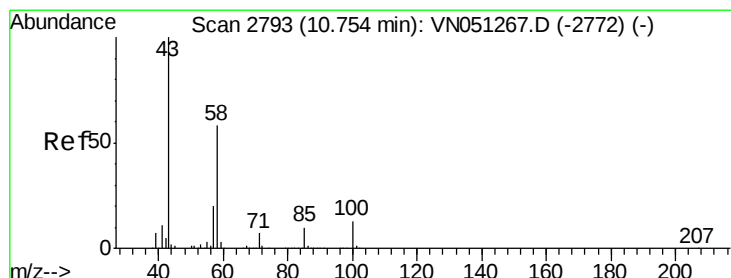
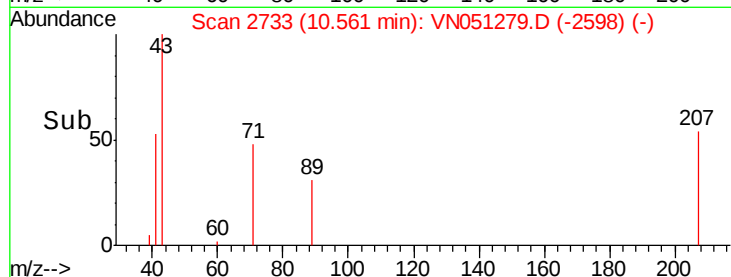
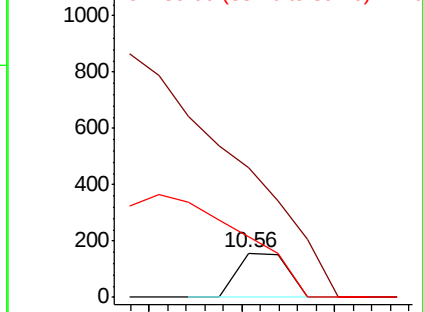
39 956.7 23.7 35.5#



Abundance Ion 69.00 (68.70 to 69.70): VN051267.D (-2677) (-)

Ion 41.00 (40.70 to 41.70): VN051267.D (-2677) (-)

Ion 39.00 (38.70 to 39.70): VN051267.D (-2677) (-)



#59

2-Hexanone

Concen: 5.61 ug/l

RT: 10.77 min Scan# 2797

Delta R.T. 0.01 min

Lab File: VN051279.D

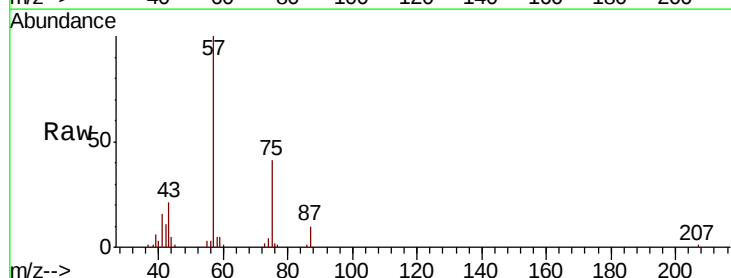
Acq: 17 Sep 2018 19:02

Tgt Ion: 43 Resp: 12247

Ion Ratio Lower Upper

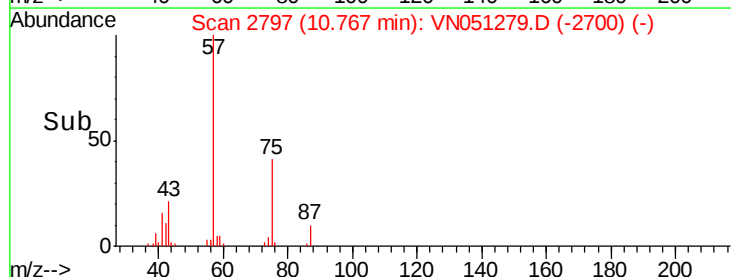
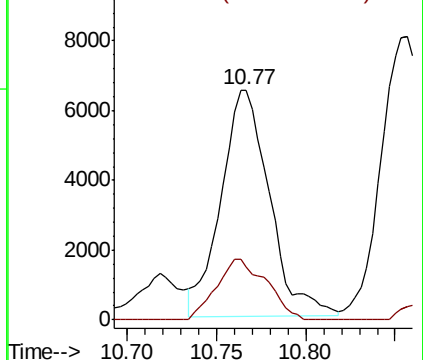
43 100

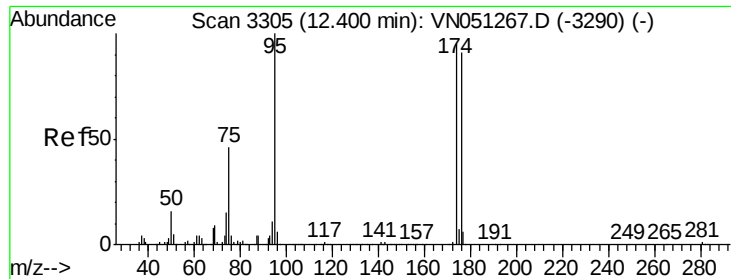
58 27.7 28.9 86.8#



Abundance Ion 43.00 (42.70 to 43.70): VN051267.D (-2772) (-)

Ion 58.00 (57.70 to 58.70): VN051267.D (-2772) (-)

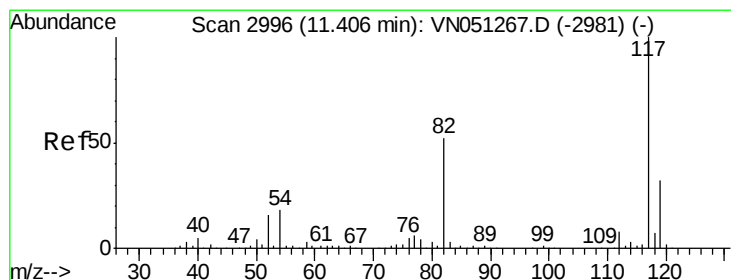
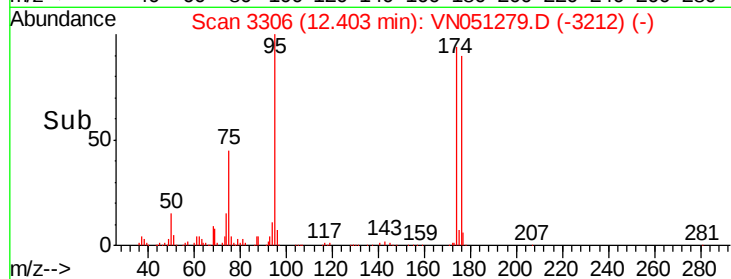
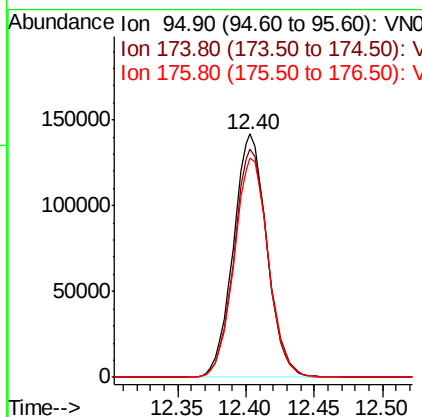
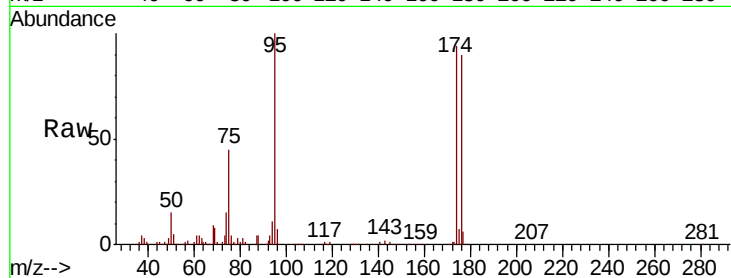




#62
4-Bromofluorobenzene
Concen: 39.62 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051279.D
Acq: 17 Sep 2018 19:02

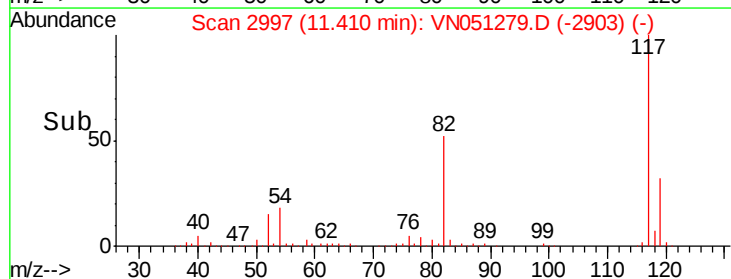
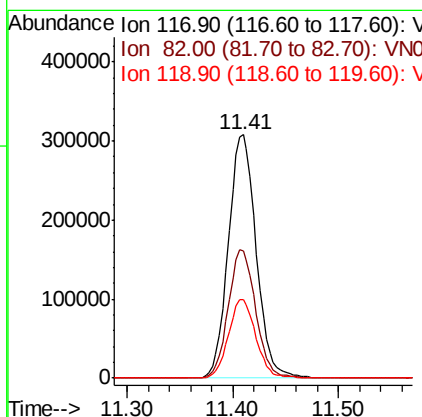
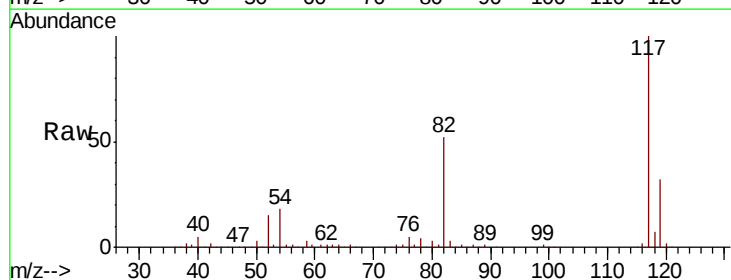
Instrument :
MSVOA_N
ClientSampleId :

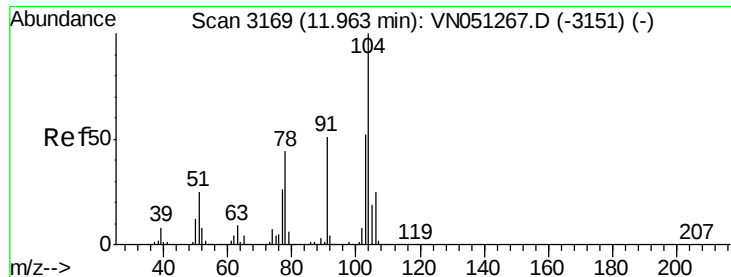
Tot Ion: 95 Resp: 241596
Ion Ratio Lower Upper
95 100
174 94.7 0.0 189.6
176 91.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051279.D
Acq: 17 Sep 2018 19:02

Tgt Ion: 117 Resp: 561157
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.4 25.6 38.4





#70

Stvrene

Concen: 1.28 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. 0.00 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

Instrument :

MSVOA_N

ClientSampleId :

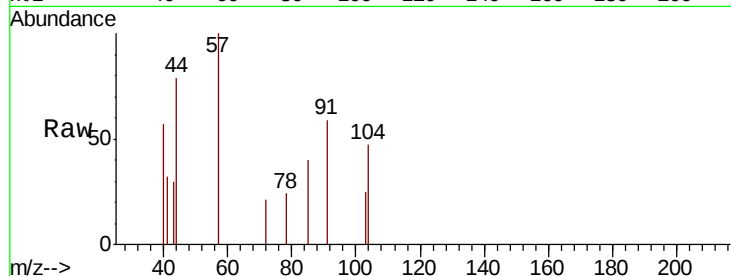
Tot Ion:104 Resp: 543

Ion Ratio Lower Upper

104 100

78 35.7 38.1 57.1#

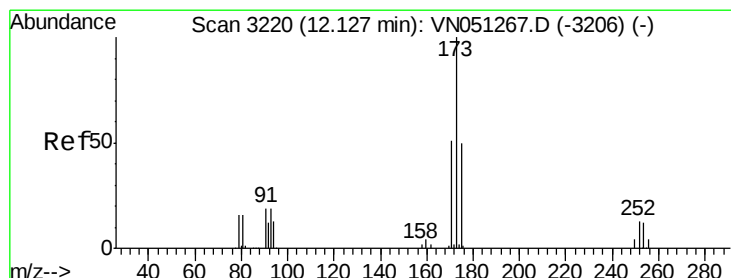
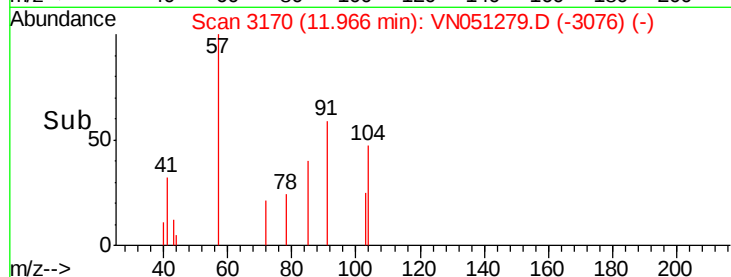
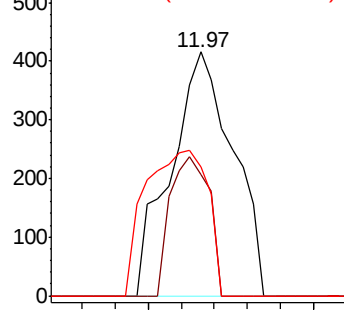
103 59.5 44.8 67.2



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.61 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

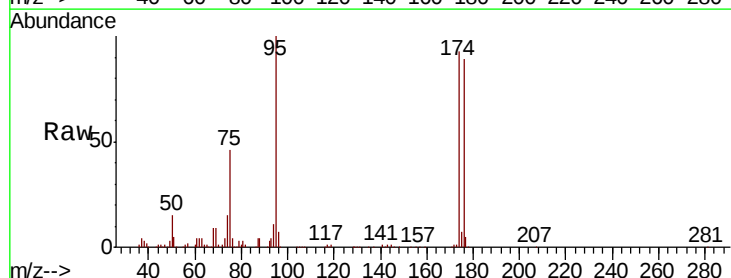
Tgt Ion:173 Resp: 2141

Ion Ratio Lower Upper

173 100

175 669.6 24.4 73.2#

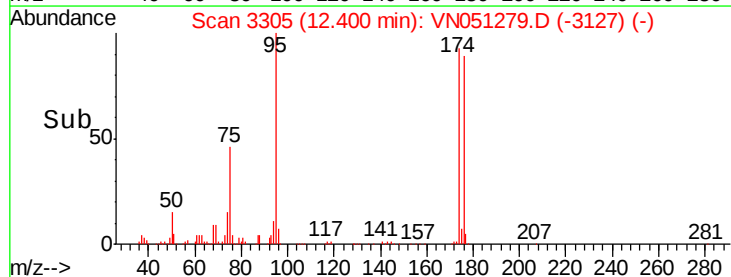
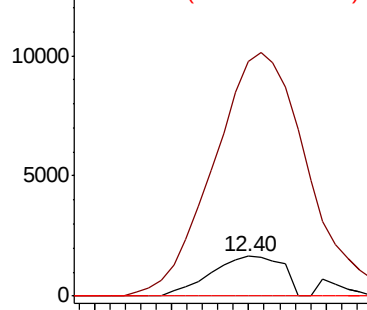
254 0.0 0.1 0.1#

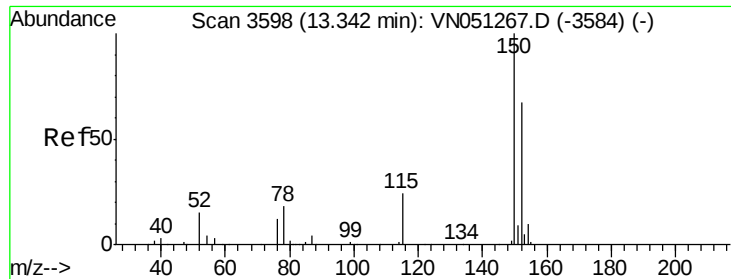


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

Instrument :

MSVOA_N

ClientSampled :

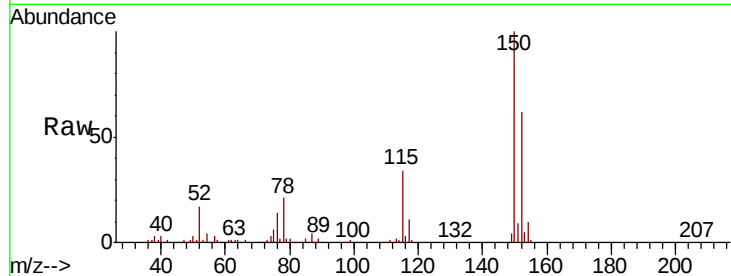
Tot Ion:152 Resp: 187873

Ion Ratio Lower Upper

152 100

115 54.0 27.1 81.2

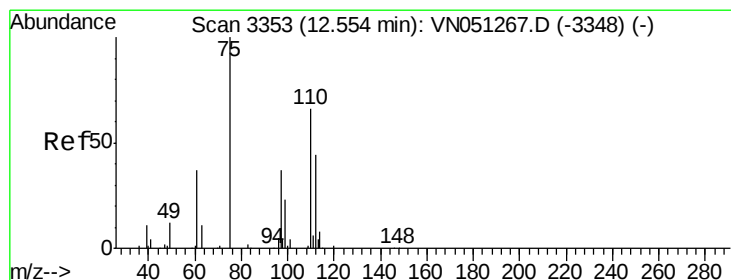
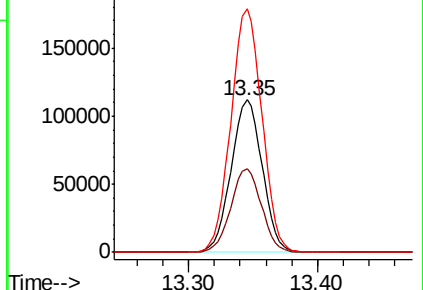
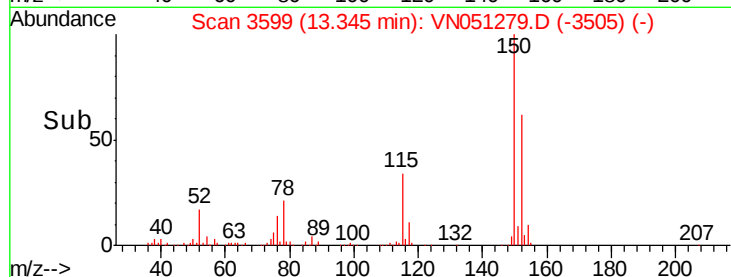
150 159.1 0.0 349.0



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



#76

1,2,3-Trichloropropane

Concen: 42.84 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051279.D

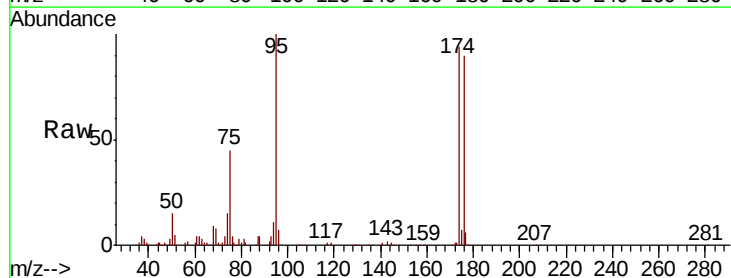
Acq: 17 Sep 2018 19:02

Tgt Ion: 75 Resp: 111058

Ion Ratio Lower Upper

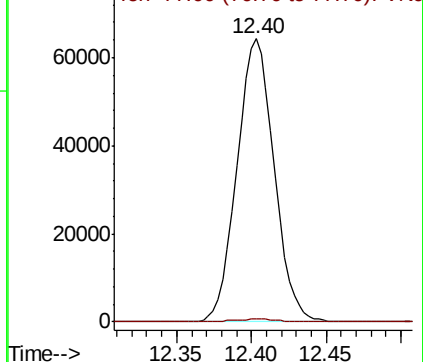
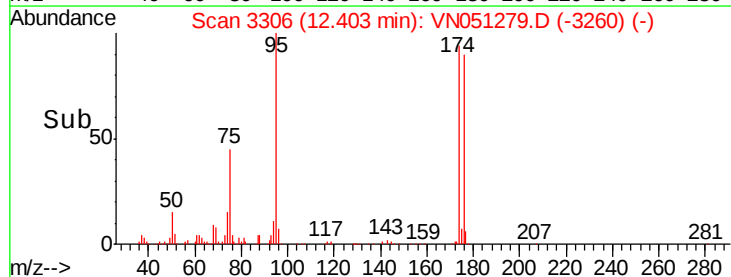
75 100

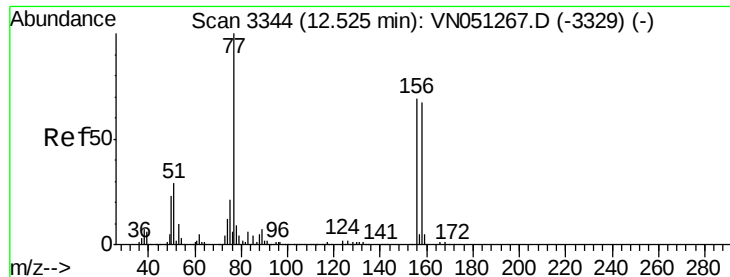
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#77

Bromobenzene

Concen: Below Cal

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

Instrument :

MSVOA_N

ClientSampled :

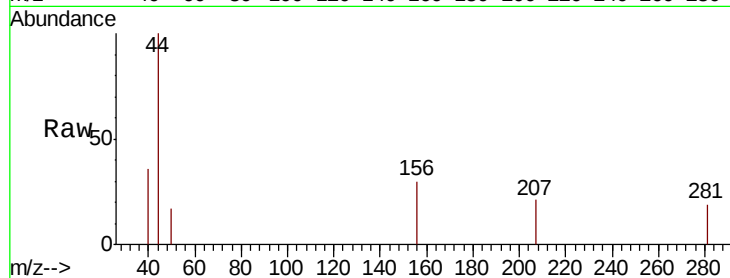
Tot Ion:156 Resp: 164

Ion Ratio Lower Upper

156 100

77 179.9 83.7 251.1

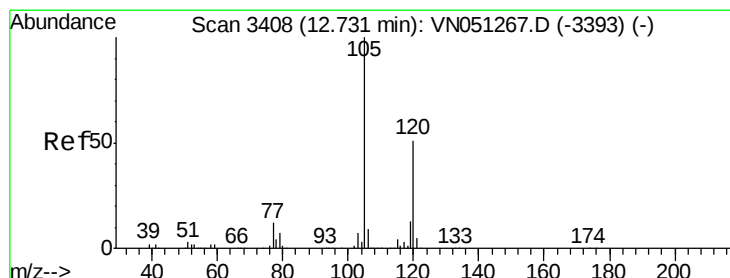
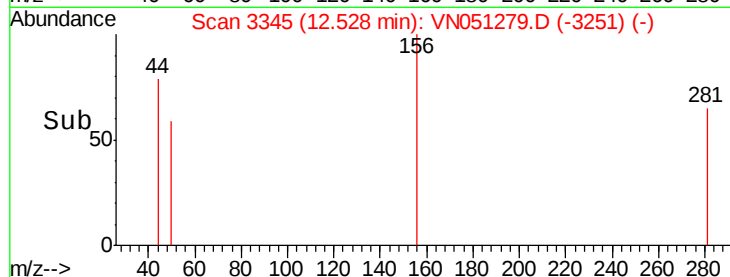
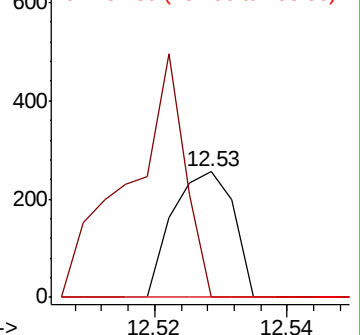
158 0.0 49.0 147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#80

1,3,5-Trimethylbenzene

Concen: 0.22 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051279.D

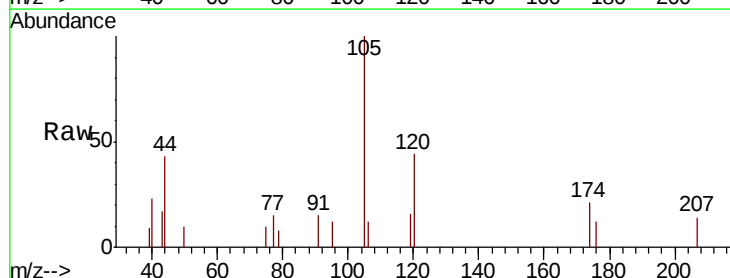
Acq: 17 Sep 2018 19:02

Tgt Ion:105 Resp: 2799

Ion Ratio Lower Upper

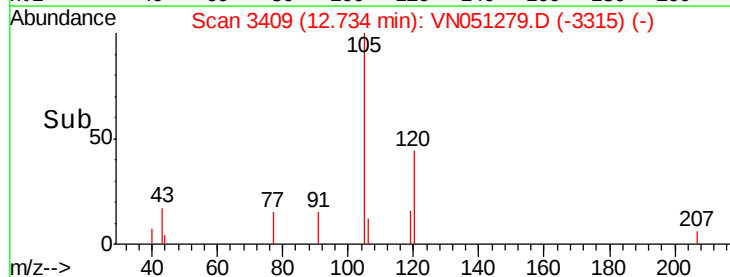
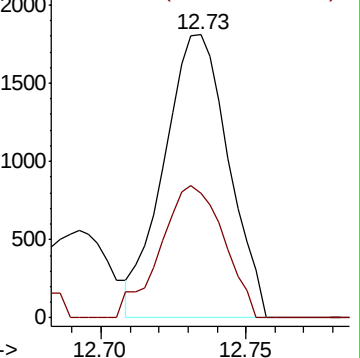
105 100

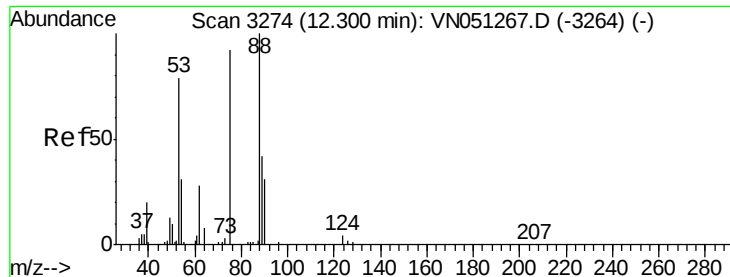
120 45.9 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 131.29 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

Instrument :

MSVOA_N

ClientSampleId :

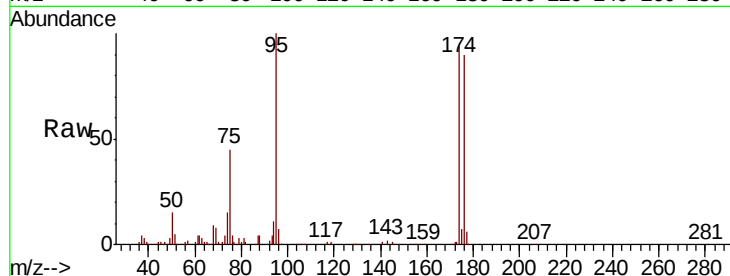
Tot Ion: 75 Resp: 111058

Ion Ratio Lower Upper

75 100

53 0.1 67.7 101.5#

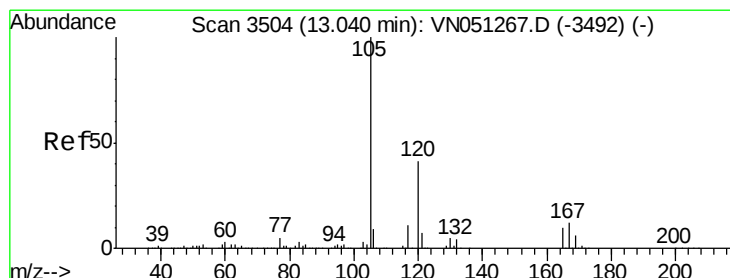
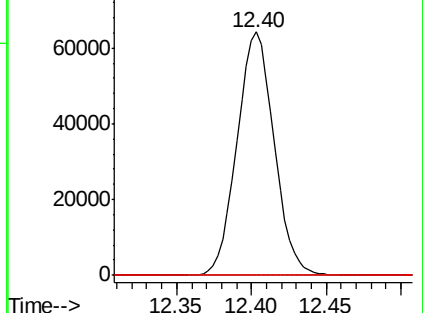
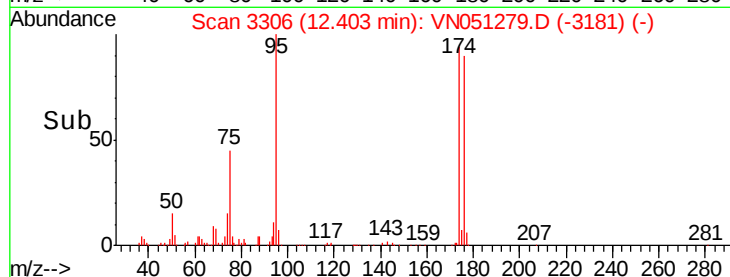
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN051279.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN051279.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN051279.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 0.40 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN051279.D

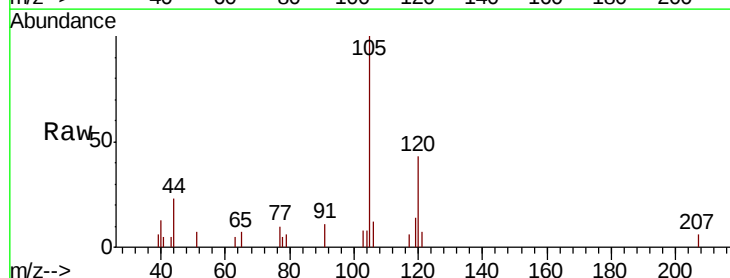
Acq: 17 Sep 2018 19:02

Tgt Ion:105 Resp: 4961

Ion Ratio Lower Upper

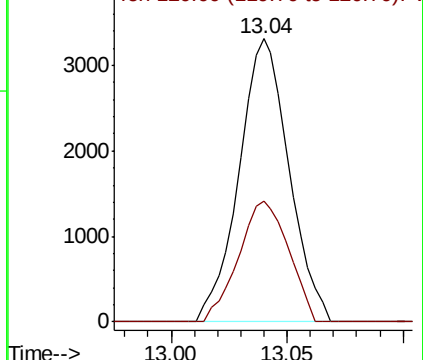
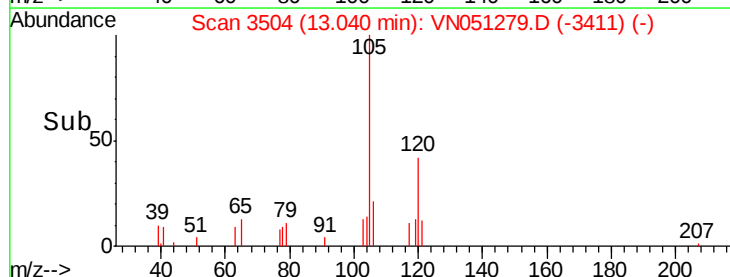
105 100

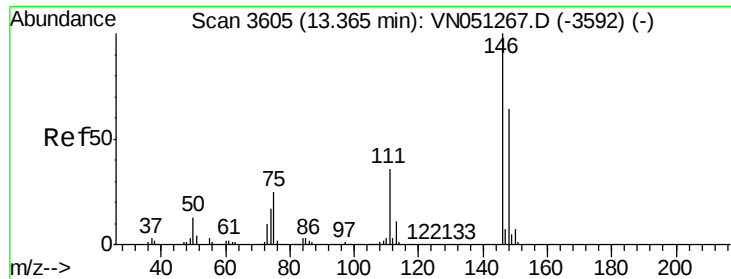
120 42.7 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VN051279.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN051279.D (-3411) (-)

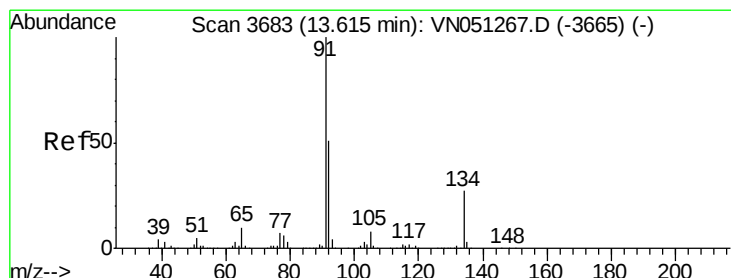
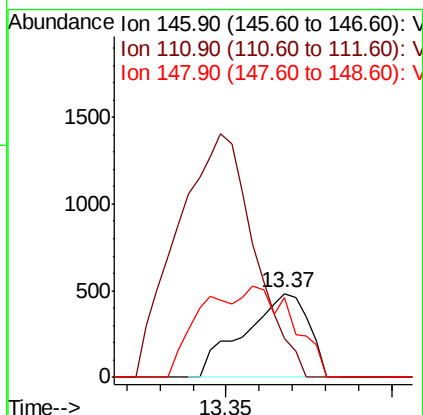
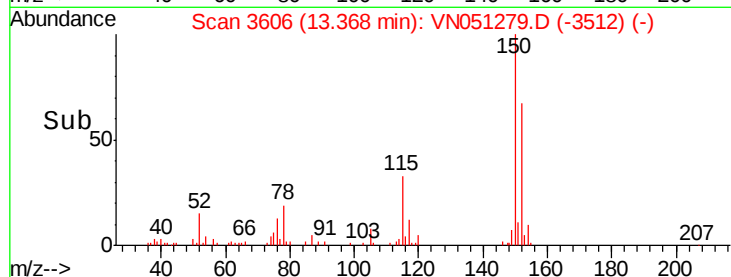
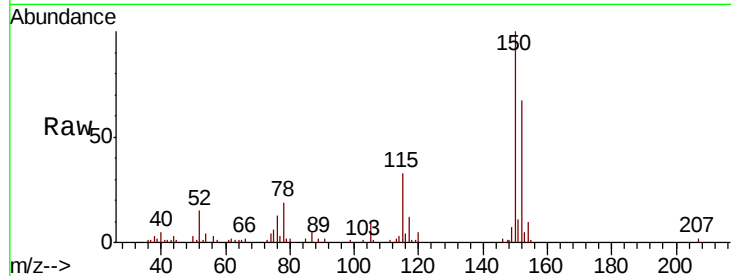




#88
 1,4-Dichlorobenzene
 Concen: 0.51 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.00 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

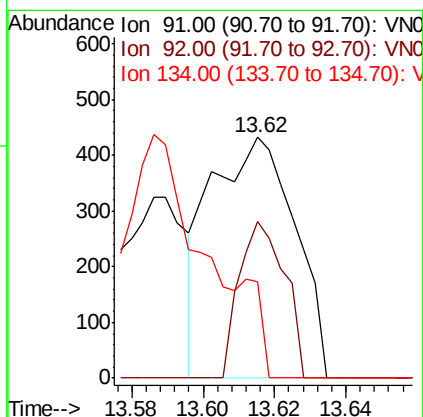
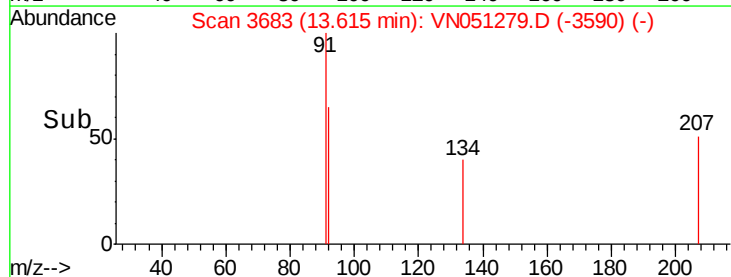
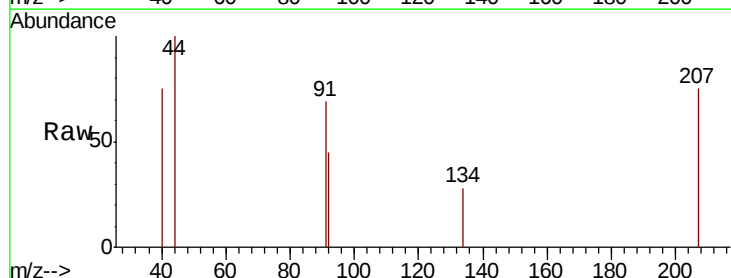
Instrument :
 MSVOA_N
 ClientSampleId :

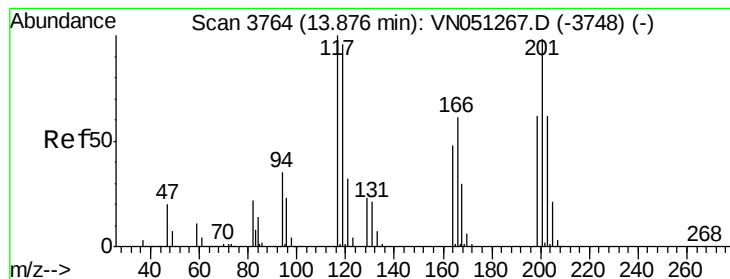
Tot Ion:146 Resp: 651
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.2 54.6#
 148 0.0 31.9 95.7#



#89
 n-Butylbenzene
 Concen: 2.09 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

Tgt Ion: 91 Resp: 709
 Ion Ratio Lower Upper
 91 100
 92 34.8 25.8 77.4
 134 0.0 13.7 41.0#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

Instrument :

MSVOA_N

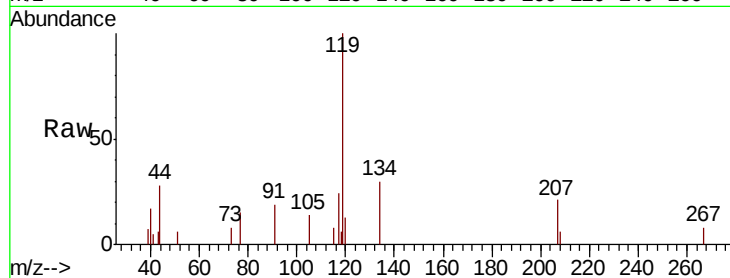
ClientSampleId :

Tot Ion:117 Resp: 999

Ion Ratio Lower Upper

117 100

201 0.0 48.4 145.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.89

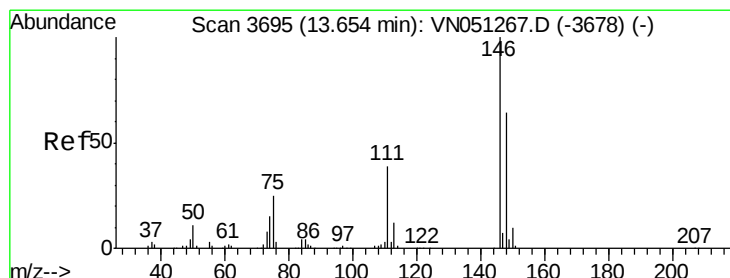
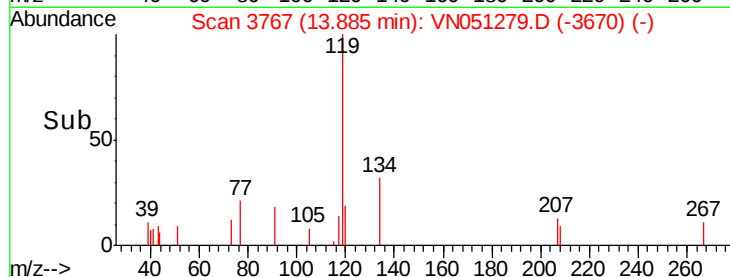
600

400

200

0

Time-->



#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN051279.D

Acq: 17 Sep 2018 19:02

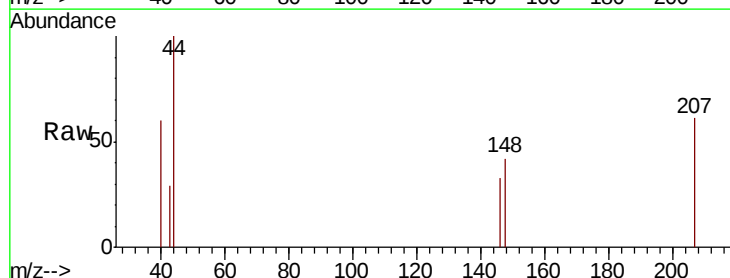
Tgt Ion:146 Resp: 205

Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.7#

148 160.5 31.9 95.9#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

400

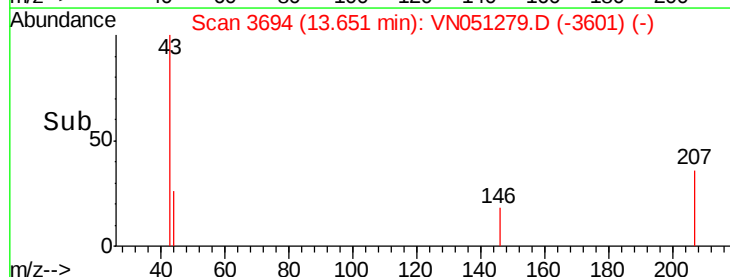
300

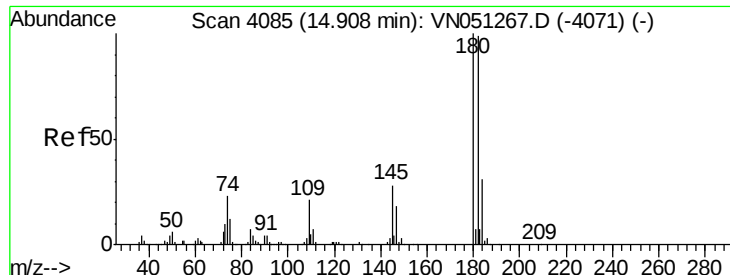
200

100

0

Time-->

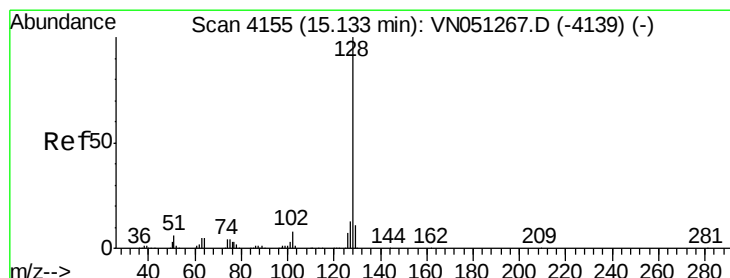
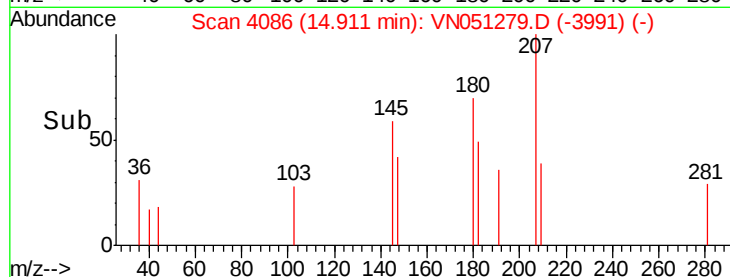
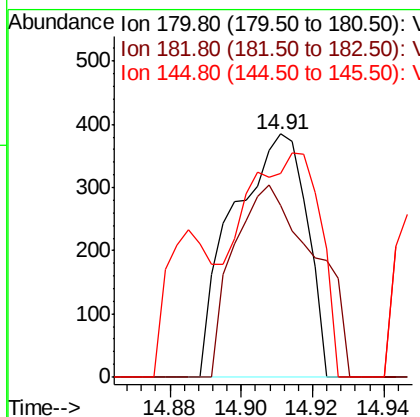
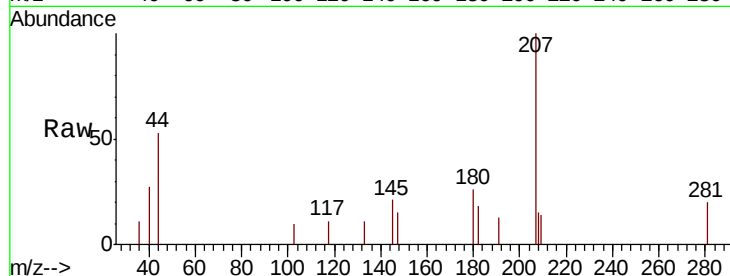




#93
 1,2,4-Trichlorobenzene
 Concen: 5.19 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

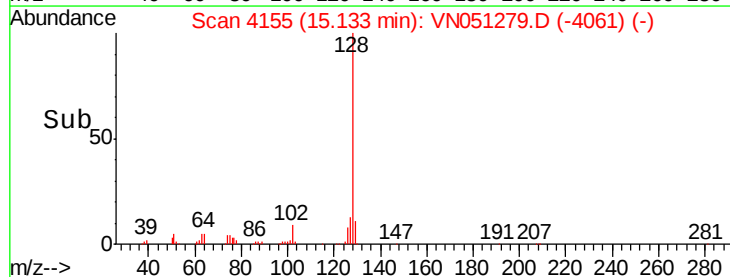
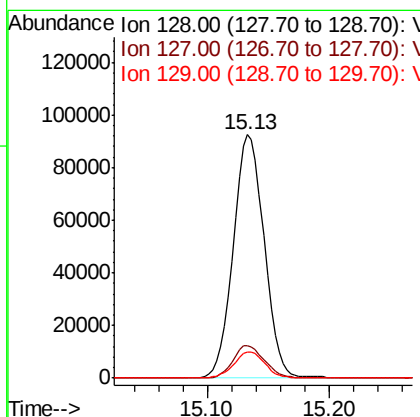
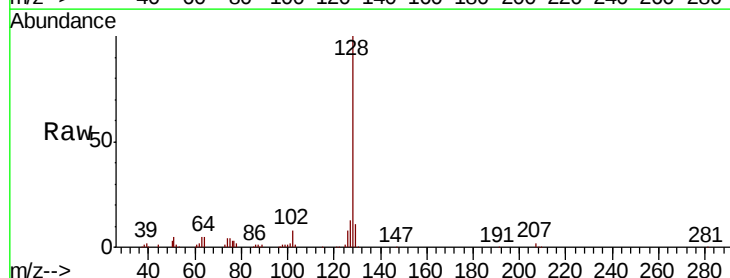
Instrument :
 MSVOA_N
 ClientSampleId :

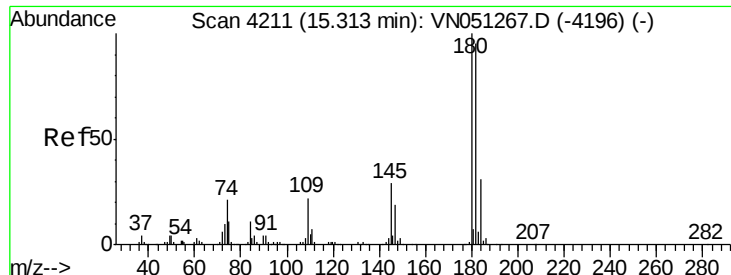
Tot Ion:180 Resp: 548
 Ion Ratio Lower Upper
 180 100
 182 86.3 48.5 145.6
 145 94.2 14.0 41.9#



#95
 Naphthalene
 Concen: 30.27 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

Tgt Ion:128 Resp: 162358
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.7 16.1
 129 10.8 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 4.03 ua/l
 RT: 15.32 min Scan# 4213
 Delta R.T. 0.01 min
 Lab File: VN051279.D
 Acq: 17 Sep 2018 19:02

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 552
 Ion Ratio Lower Upper
 180 100
 182 60.1 47.5 142.6
 145 157.4 14.8 44.4#

