

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091818\
 Data File : VN051300.D
 Acq On : 18 Sep 2018 16:14
 Operator : MD\SY
 Sample : J4949-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 153

Quant Time: Sep 19 01:19:26 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	388482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	614463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	493117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	171665	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	218343	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	230386	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	10.09	98	789064	44.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.42%	
62) 4-Bromofluorobenzene	12.40	95	208190	37.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.18%	

Target Compounds

					Qvalue
3) Chloromethane	2.06	50	1422	Below Cal	# 74
5) Bromomethane	2.57	94	2099	1.219	ug/l 96
10) Methyl Iodide	3.96	142	569	6.224	ug/l # 50
11) Tert butyl alcohol	4.79	59	62	0.267	ug/l # 73
16) Acetone	3.82	43	88524	89.529	ug/l 100
18) Methyl Acetate	4.34	43	8950	2.410	ug/l # 82
20) Methylene Chloride	4.56	84	23553	5.097	ug/l 95
25) 2-Butanone	6.85	43	8375	6.192	ug/l 98
29) Tetrahydrofuran	7.21	42	234	0.280	ug/l # 81
30) Chloroform	7.37	83	2251	0.293	ug/l 88
31) Cyclohexane	7.67	56	6610	0.904	ug/l # 4
36) 1,1-Dichloropropene	7.67	75	24539	3.689	ug/l # 49
37) Ethyl Acetate	6.85	43	8375	2.449	ug/l # 66
38) Carbon Tetrachloride	7.67	117	33578	4.841	ug/l # 17
41) Methacrylonitrile	7.22	41	502	0.286	ug/l # 17
43) Isopropyl Acetate	8.18	43	77240	13.055	ug/l # 91
48) Methyl methacrylate	9.18	41	4997	1.754	ug/l # 13
51) 4-Methyl-2-Pentanone	9.98	43	2043	0.669	ug/l 100
52) Toluene	10.16	92	5875	0.496	ug/l 95
56) Ethyl methacrylate	10.23	69	1158	2.273	ug/l # 73
59) 2-Hexanone	10.76	43	2163	1.076	ug/l 73
68) m/p-Xylenes	11.62	106	3306	0.438	ug/l 88
70) Styrene	11.96	104	2100	1.405	ug/l 97
74) N-ethyl acetate	12.04	43	641	0.216	ug/l # 39
76) 1,2,3-Trichloropropane	12.40	75	96239	40.478	ug/l # 100
81) trans-1,4-Dichloro-2-buten	12.40	75	96239	124.515	ug/l # 15
84) 1,2,4-Trimethylbenzene	13.04	105	2433	0.216	ug/l 85
88) 1,4-Dichlorobenzene	13.37	146	198	0.444	ug/l # 26
89) n-Butylbenzene	13.61	91	284	2.048	ug/l # 49
90) Hexachloroethane	13.99	117	148	Below Cal	# 1
91) 1,2-Dichlorobenzene	13.65	146	104	Below Cal	# 25
93) 1,2,4-Trichlorobenzene	14.91	180	111	5.067	ug/l # 38
95) Naphthalene	15.14	128	133719	27.865	ug/l 100
96) 1,2,3-Trichlorobenzene	15.32	180	285	3.959	ug/l # 56

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Sep 19 01:19:26 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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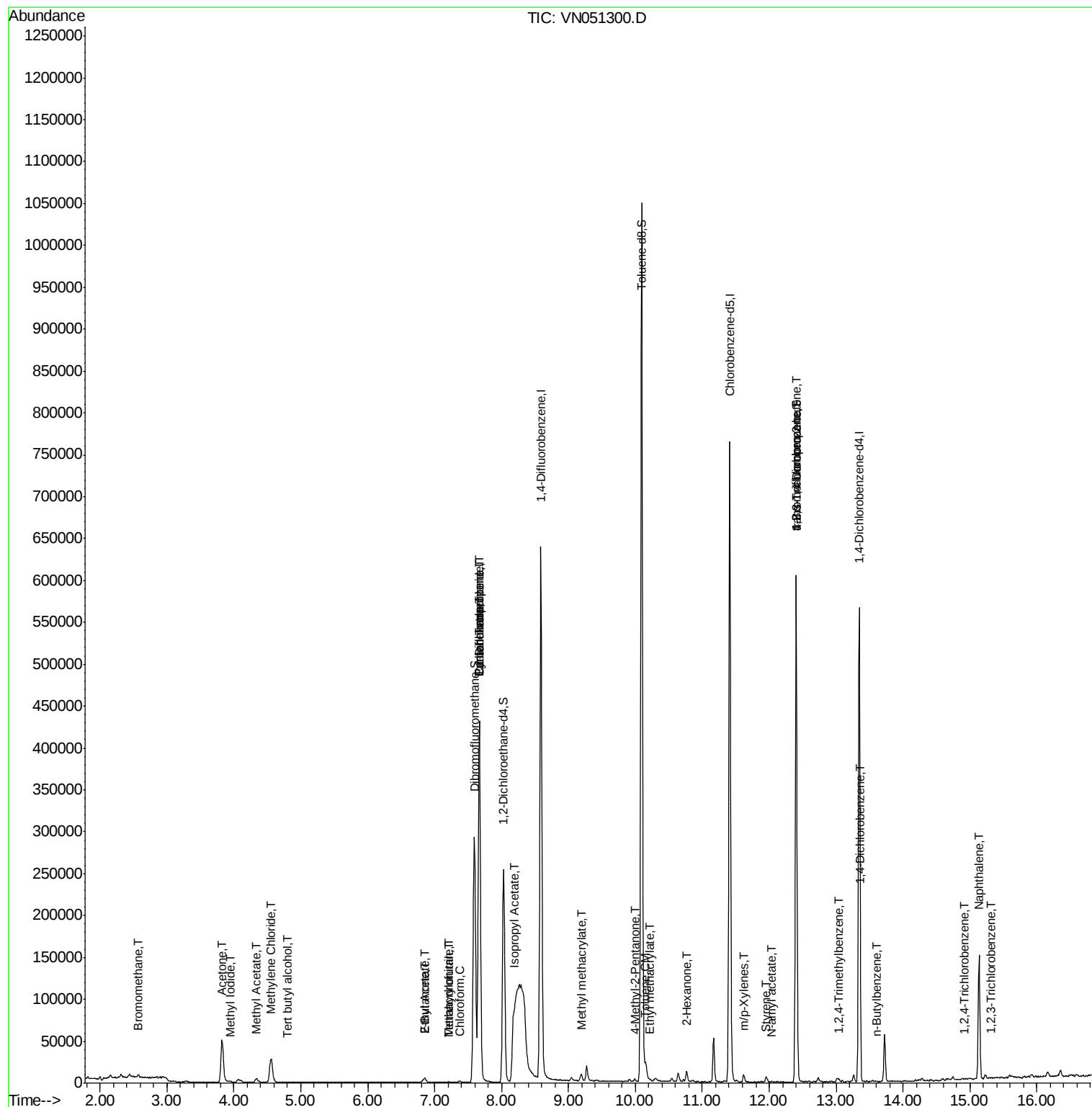
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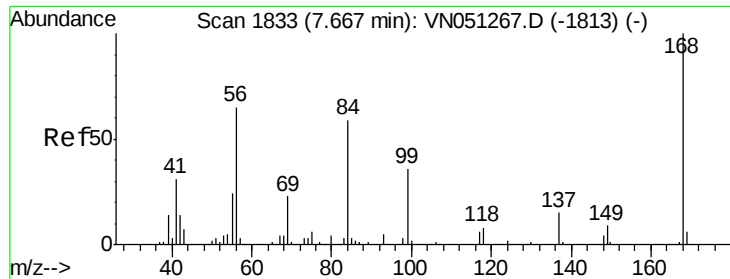
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

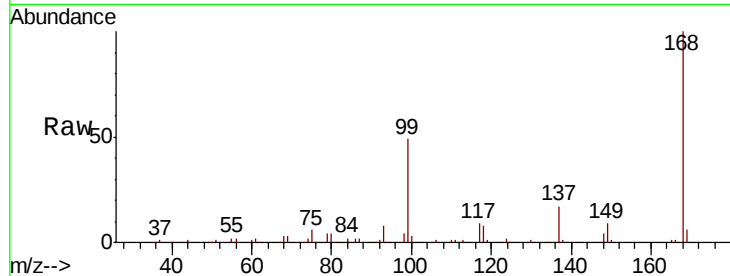
Instrument :
MSVOA_N
ClientSampled :
153

Tgt Ion:168 Resp: 388482

Ion Ratio Lower Upper

168 100

99 49.2 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): VN051267.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051267.D (-1813) (-)

7.67

150000

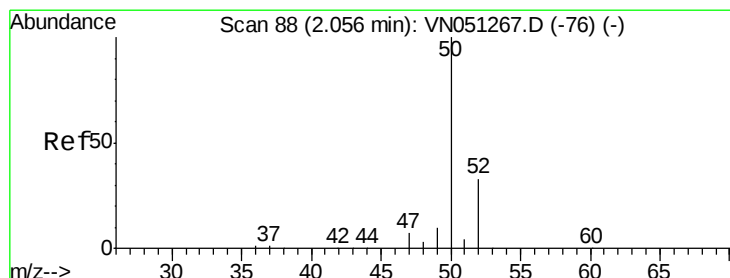
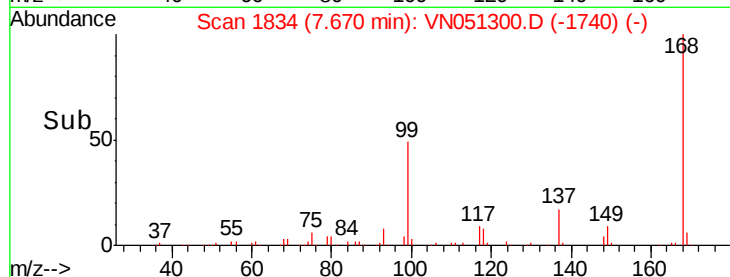
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: Below Cal

RT: 2.06 min Scan# 88

Delta R.T. 0.00 min

Lab File: VN051300.D

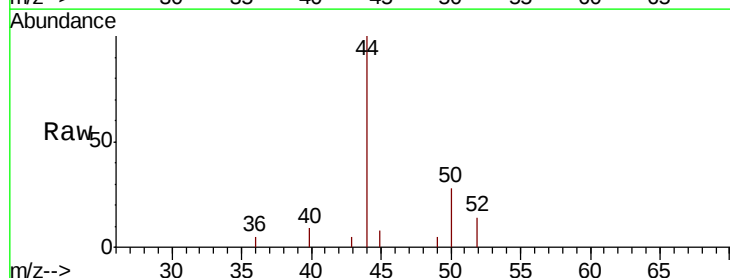
Acq: 18 Sep 2018 16:14

Tgt Ion: 50 Resp: 1422

Ion Ratio Lower Upper

50 100

52 48.2 26.6 40.0#



Abundance Ion 49.90 (49.60 to 50.60): VN051267.D (-76) (-)

Ion 51.90 (51.60 to 52.60): VN051267.D (-76) (-)

2.06

1200

1000

800

600

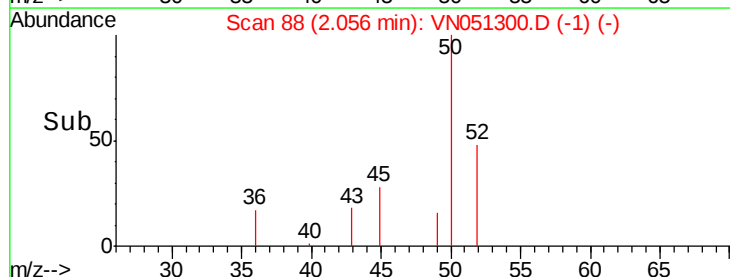
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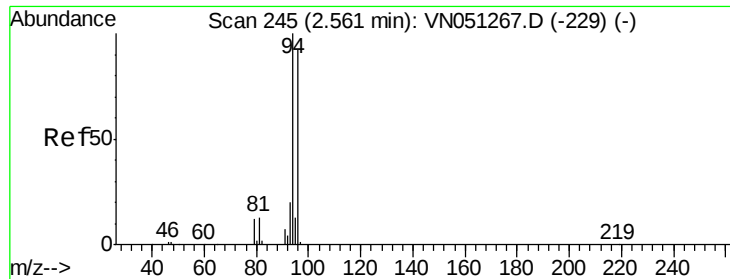
200

0

2.02 2.04 2.06 2.08 2.10

Time-->





#5

Bromomethane

Concen: 1.219 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_N

ClientSampleId :

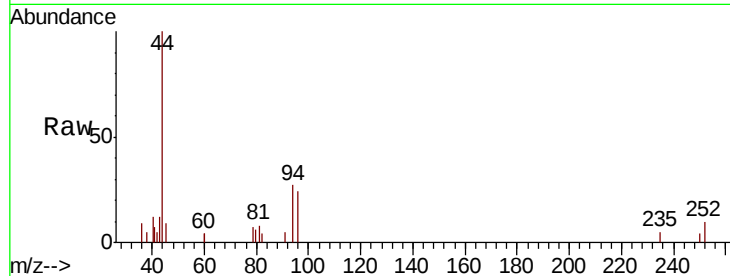
153

Tgt Ion: 94 Resp: 2099

Ion Ratio Lower Upper

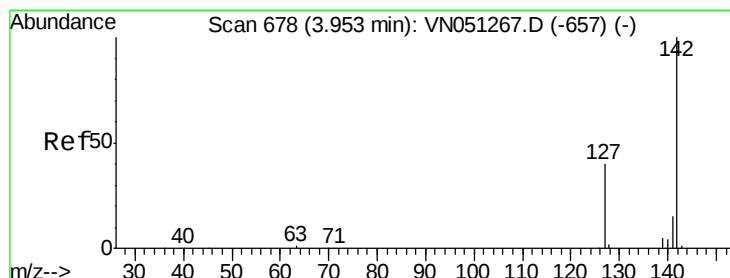
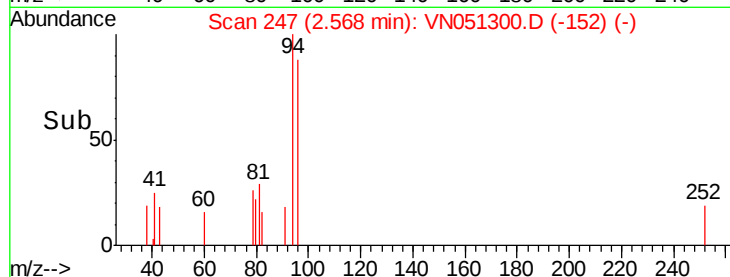
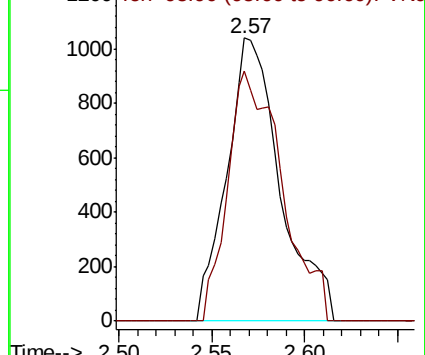
94 100

96 88.5 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: 6.224 ug/l

RT: 3.96 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

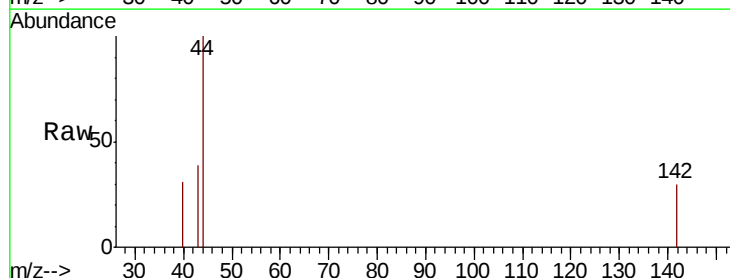
Tgt Ion: 142 Resp: 569

Ion Ratio Lower Upper

142 100

127 5.6 31.7 47.5#

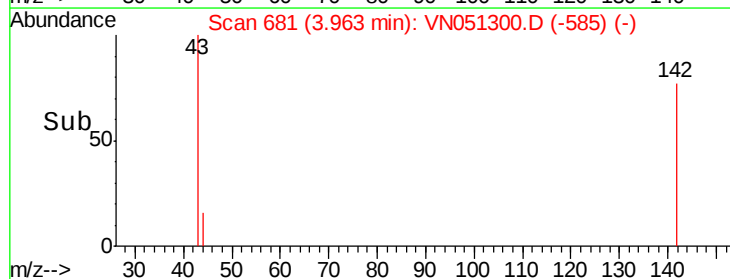
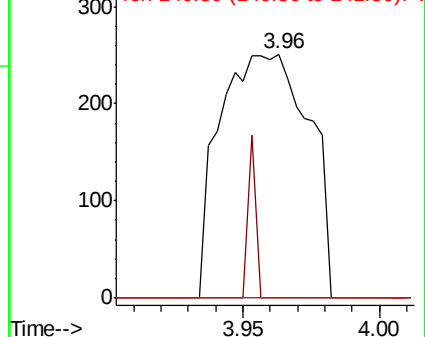
141 0.0 11.6 17.4#

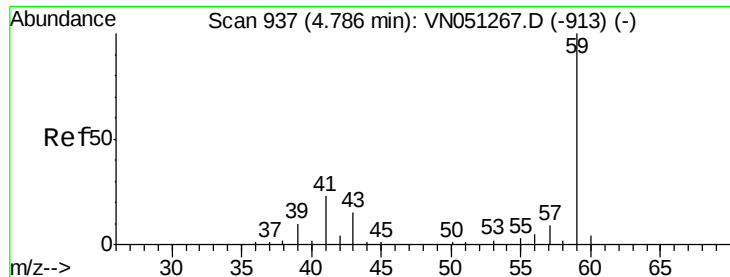


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

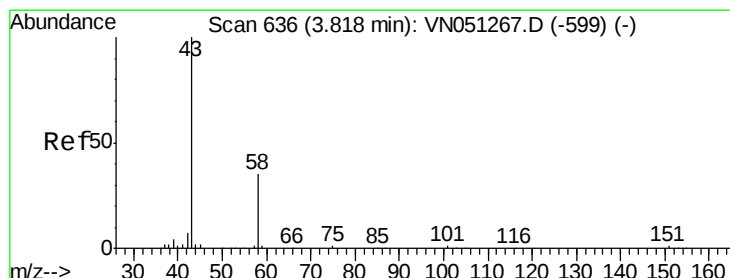
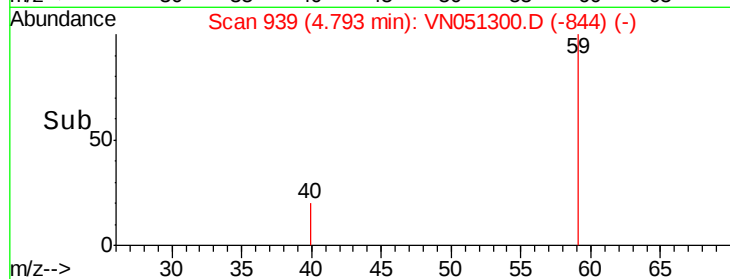
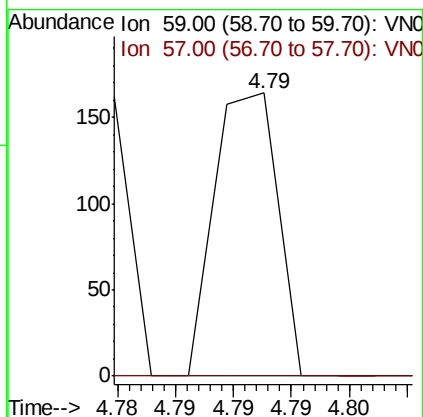
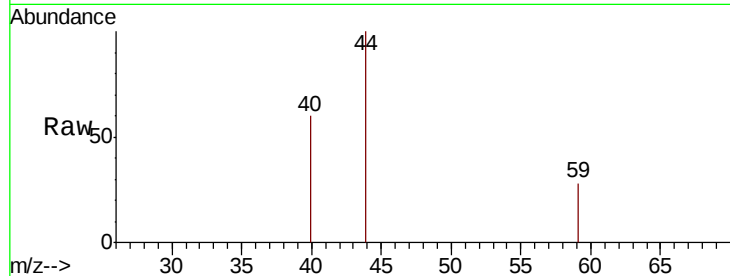




#11
Tert butyl alcohol
Concen: 0.267 ug/l
RT: 4.79 min Scan# 939
Delta R.T. 0.01 min
Lab File: VN051300.D
Acq: 18 Sep 2018 16:14

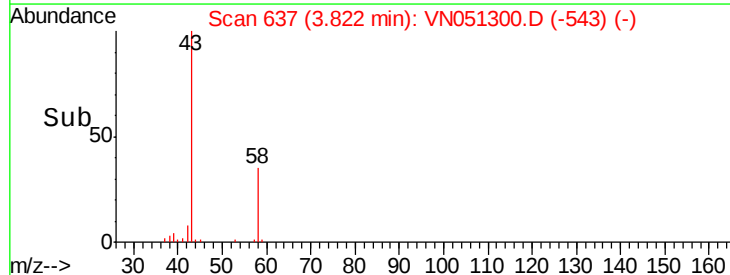
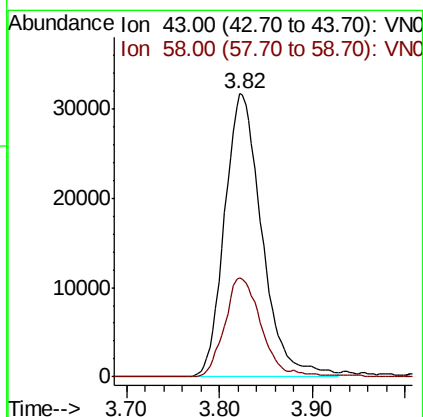
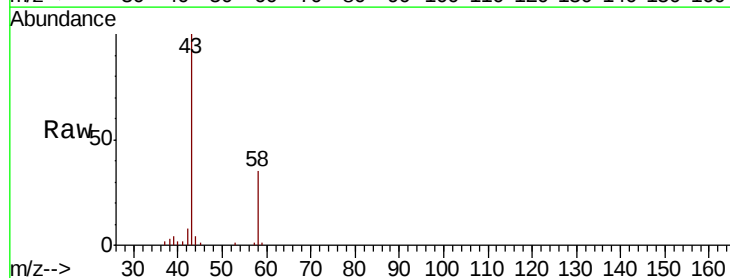
Instrument :
MSVOA_N
ClientSampled :
153

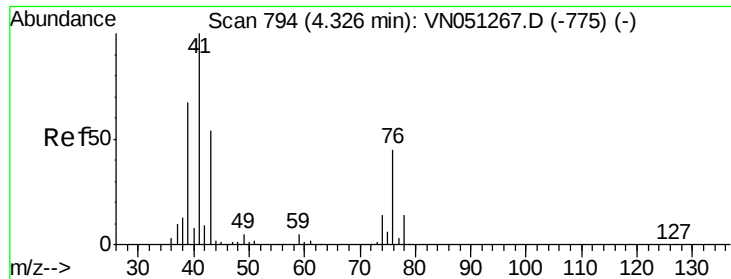
Tgt Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#



#16
Acetone
Concen: 89.529 ug/l
RT: 3.82 min Scan# 637
Delta R.T. 0.00 min
Lab File: VN051300.D
Acq: 18 Sep 2018 16:14

Tgt Ion: 43 Resp: 88524
Ion Ratio Lower Upper
43 100
58 35.0 28.2 42.2

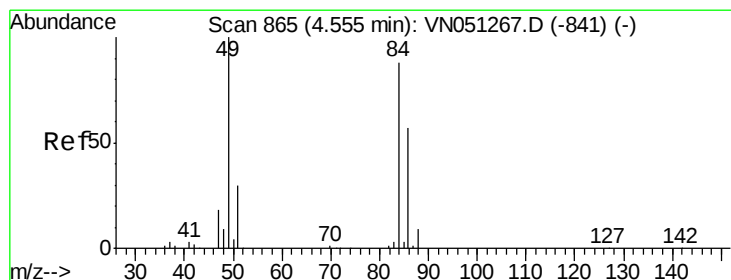
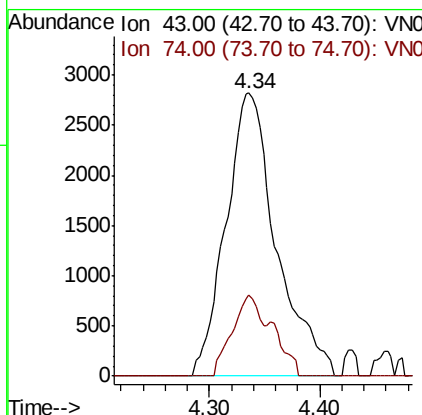
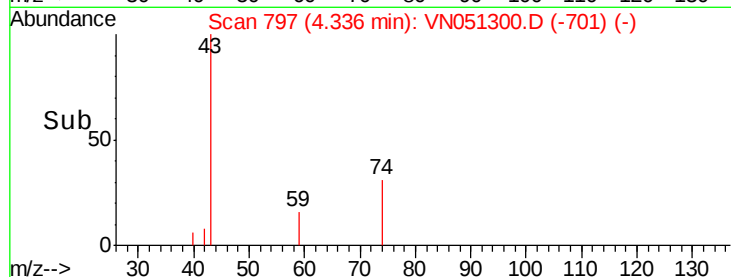
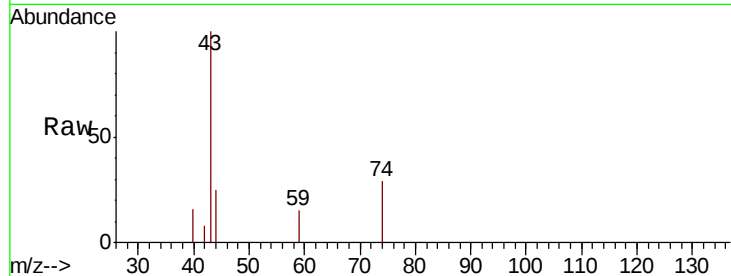




#18
Methyl Acetate
Concen: 2.410 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN051300.D
Acq: 18 Sep 2018 16:14

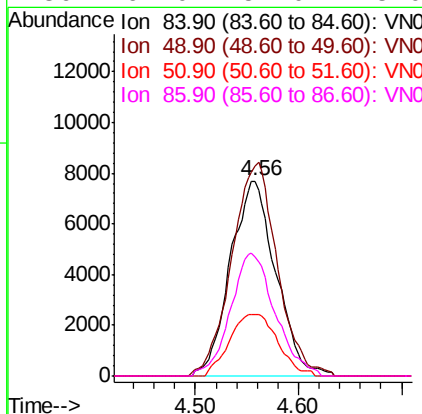
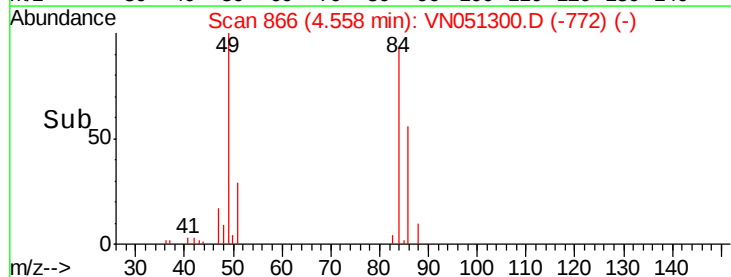
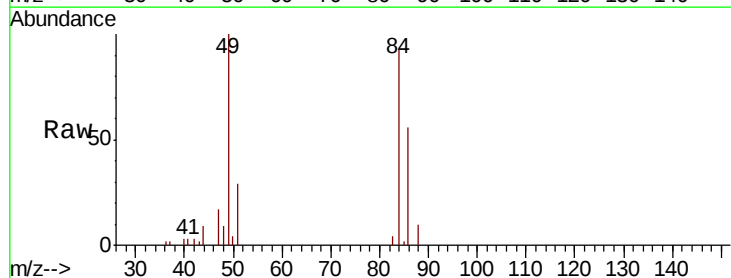
Instrument :
MSVOA_N
ClientSampleId :
153

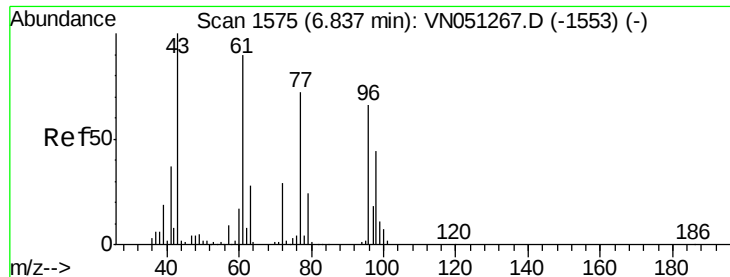
Tgt Ion: 43 Resp: 8950
Ion Ratio Lower Upper
43 100
74 16.9 20.8 31.2#



#20
Methylene Chloride
Concen: 5.097 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051300.D
Acq: 18 Sep 2018 16:14

Tgt Ion: 84 Resp: 23553
Ion Ratio Lower Upper
84 100
49 108.0 91.2 136.8
51 31.3 27.7 41.5
86 61.0 52.0 78.0

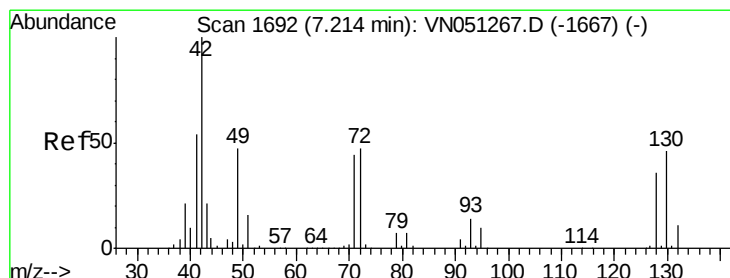
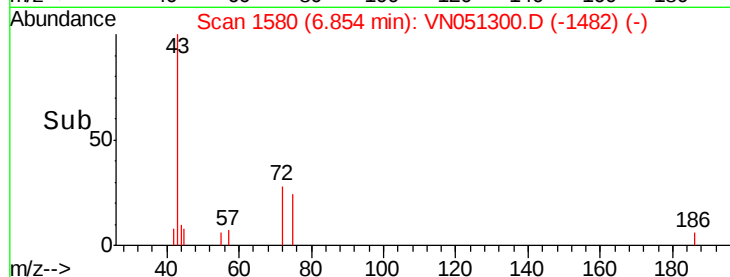
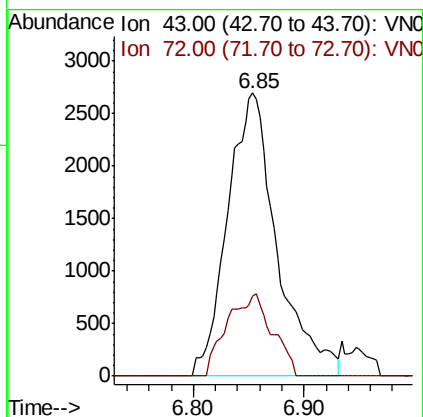
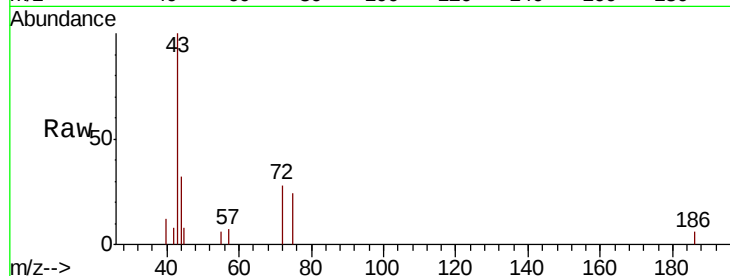




#25
2-Butanone
Concen: 6.192 ug/l
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN051300.D
Acq: 18 Sep 2018 16:14

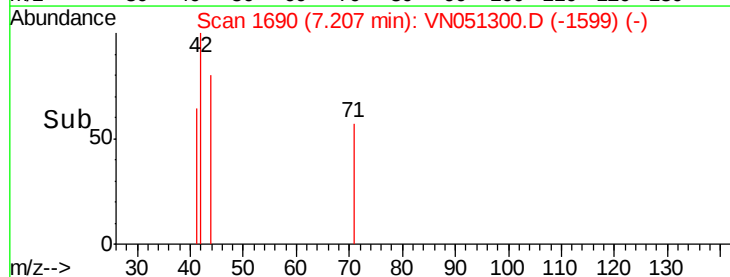
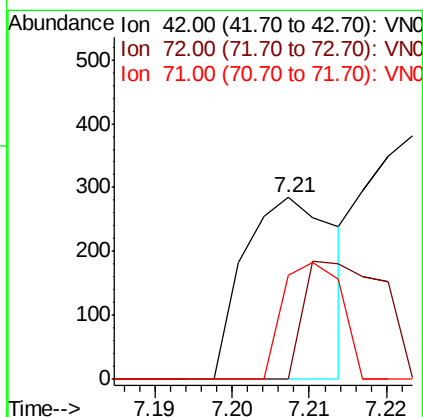
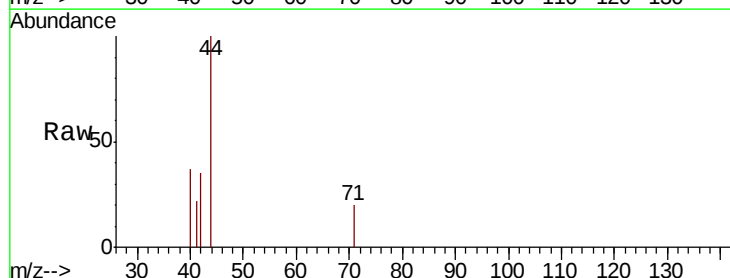
Instrument :
MSVOA_N
ClientSampled :
153

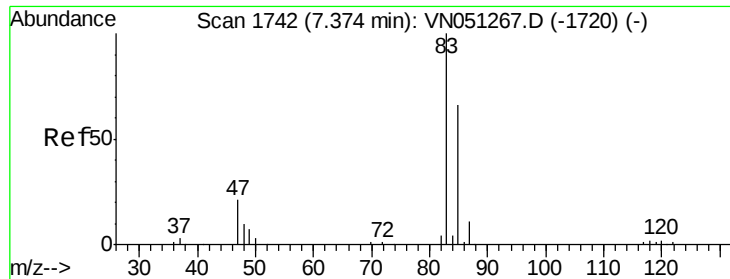
Tgt Ion: 43 Resp: 8375
Ion Ratio Lower Upper
43 100
72 28.2 23.4 35.0



#29
Tetrahydrofuran
Concen: 0.280 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VN051300.D
Acq: 18 Sep 2018 16:14

Tgt Ion: 42 Resp: 234
Ion Ratio Lower Upper
42 100
72 68.4 37.6 56.4#
71 41.5 35.4 53.2

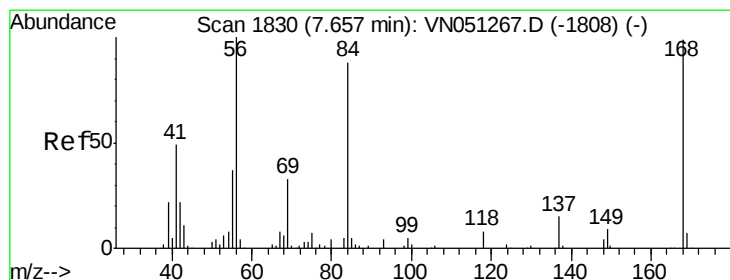
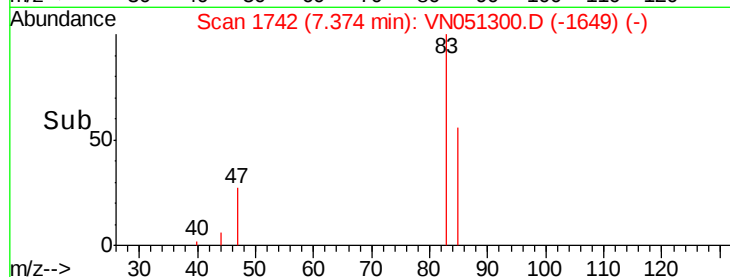
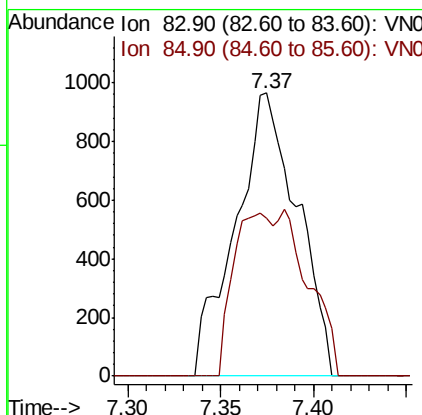
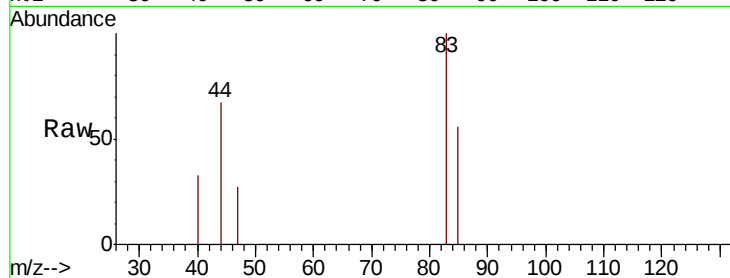




#30
 Chloroform
 Concen: 0.293 ug/l
 RT: 7.37 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VN051300.D
 Acq: 18 Sep 2018 16:14

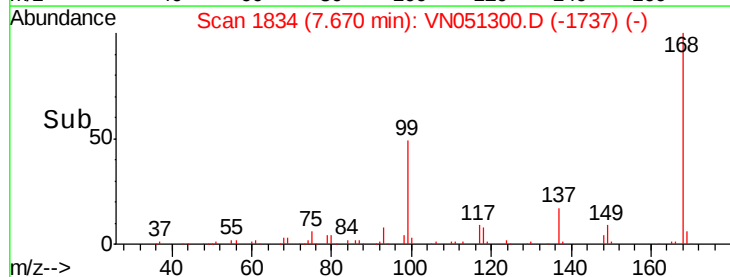
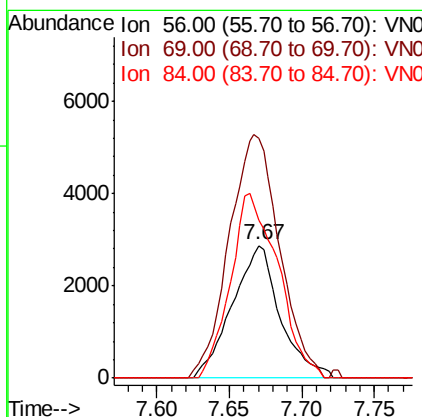
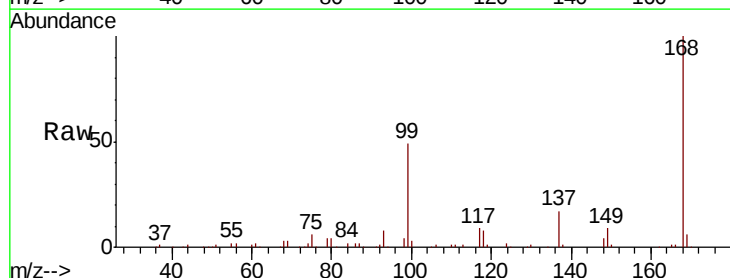
Instrument :
 MSVOA_N
 ClientSampled :
 153

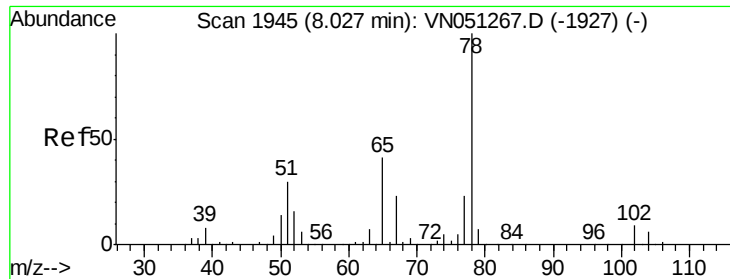
Tgt Ion: 83 Resp: 2251
 Ion Ratio Lower Upper
 83 100
 85 55.6 52.4 78.6



#31
 Cyclohexane
 Concen: 0.904 ug/l
 RT: 7.67 min Scan# 1834
 Delta R.T. 0.01 min
 Lab File: VN051300.D
 Acq: 18 Sep 2018 16:14

Tgt Ion: 56 Resp: 6610
 Ion Ratio Lower Upper
 56 100
 69 181.2 26.2 39.2#
 84 119.6 70.6 106.0#

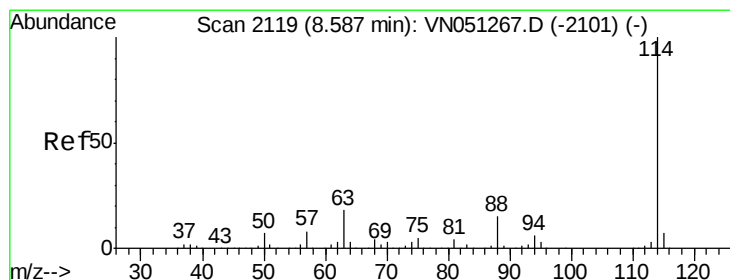
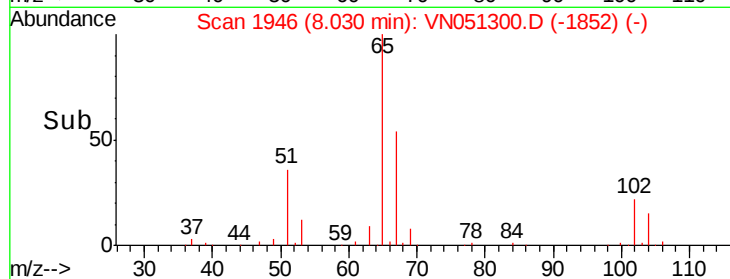
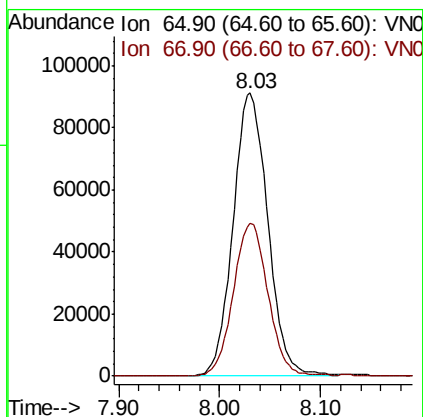
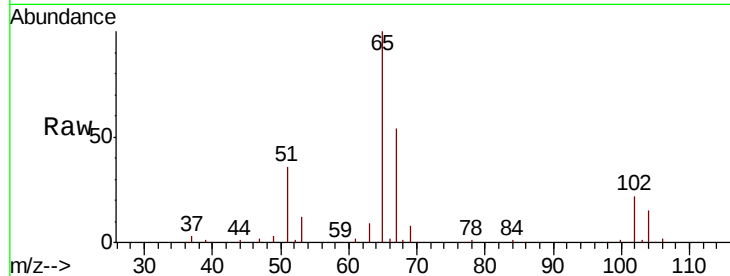




#33
 1,2-Dichloroethane-d4
 Concen: 51.716 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051300.D
 Acq: 18 Sep 2018 16:14

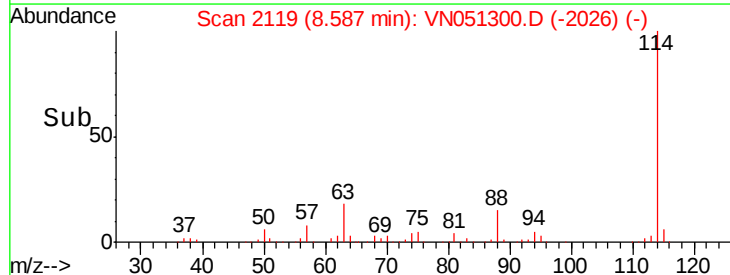
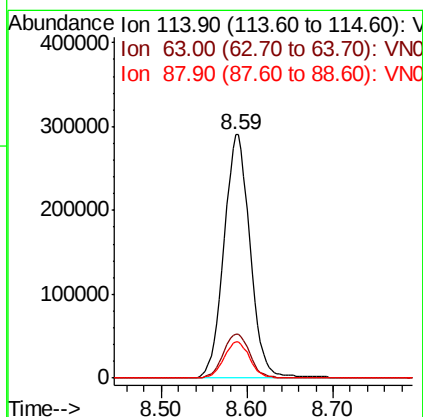
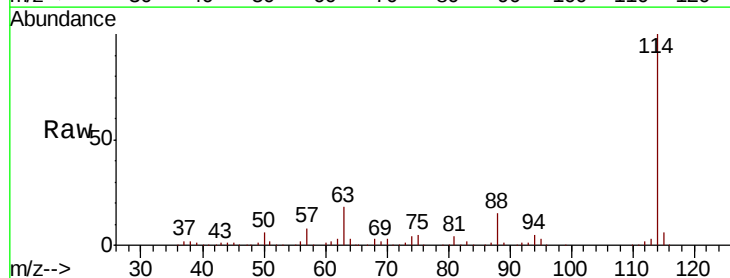
Instrument :
 MSVOA_N
 ClientSampled :
 153

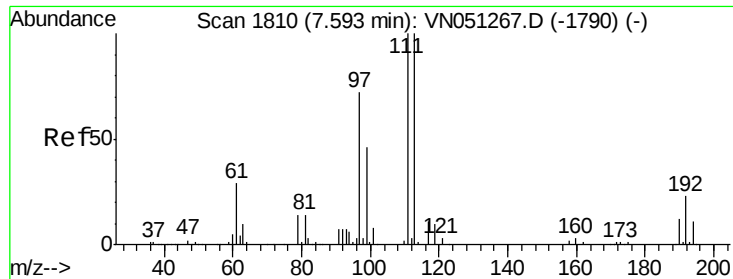
Tgt Ion: 65 Resp: 218343
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051300.D
 Acq: 18 Sep 2018 16:14

Tgt Ion: 114 Resp: 614463
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 36.8
 88 15.0 0.0 30.8

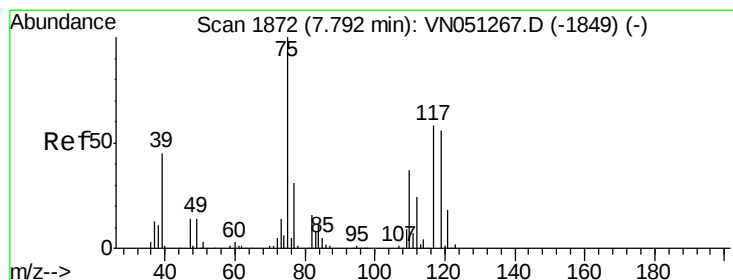
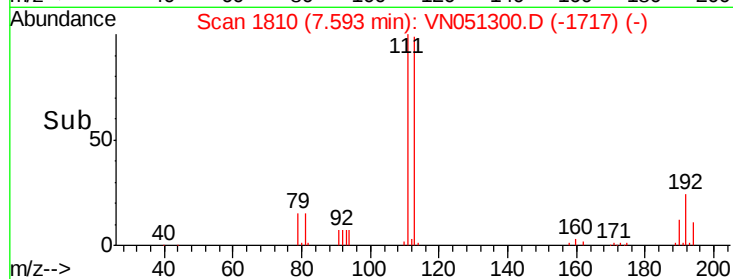
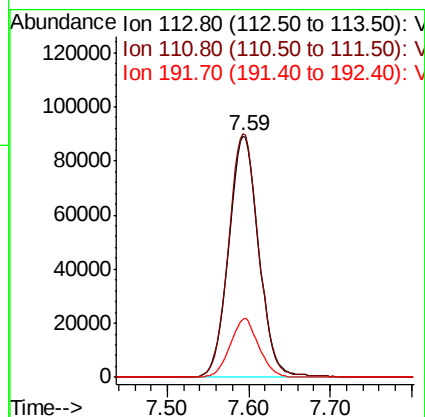
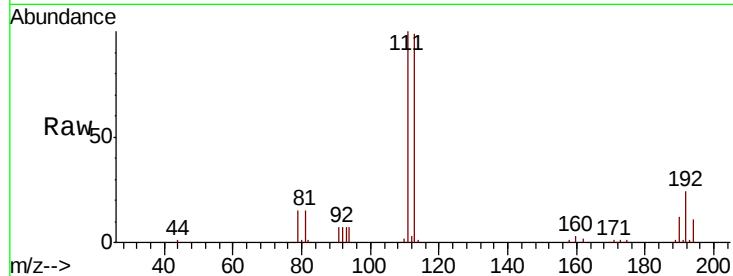




#35
 Dibromofluoromethane
 Concen: 48.249 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051300.D
 Acq: 18 Sep 2018 16:14

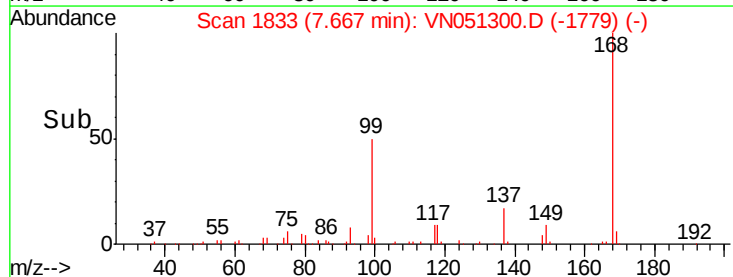
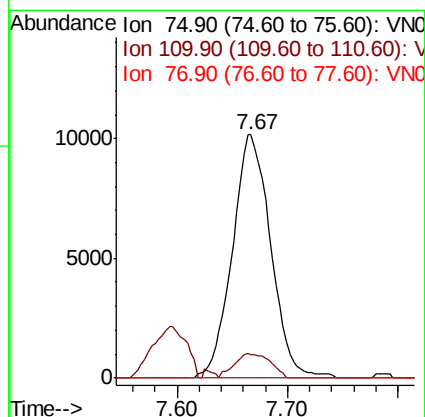
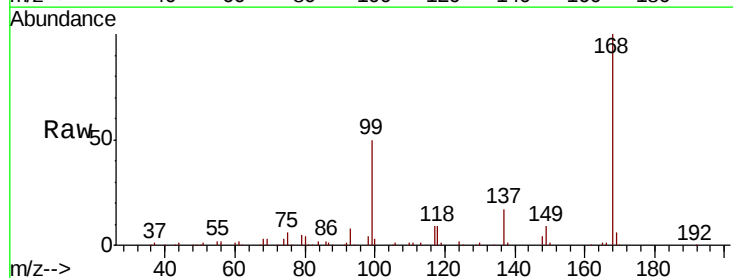
Instrument :
 MSVOA_N
 ClientSampleId :
 153

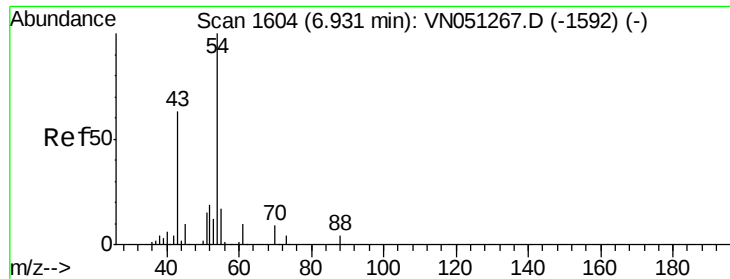
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.4
192	23.4	19.0	28.6



#36
 1,1-Dichloropropene
 Concen: 3.689 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN051300.D
 Acq: 18 Sep 2018 16:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.4	18.6	56.0#
77	0.0	24.7	37.1#

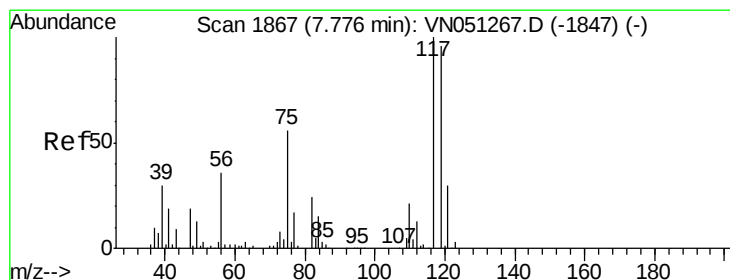
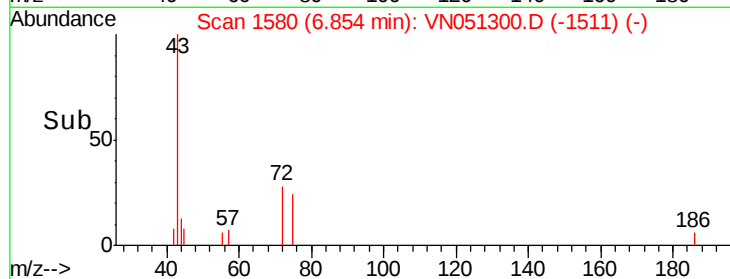
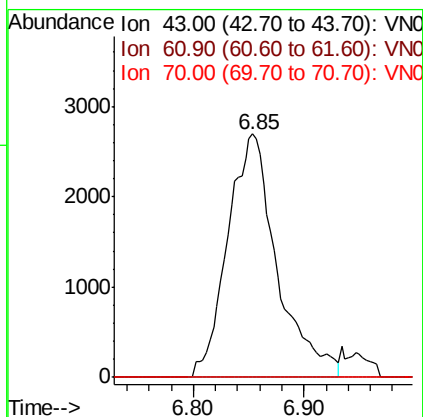
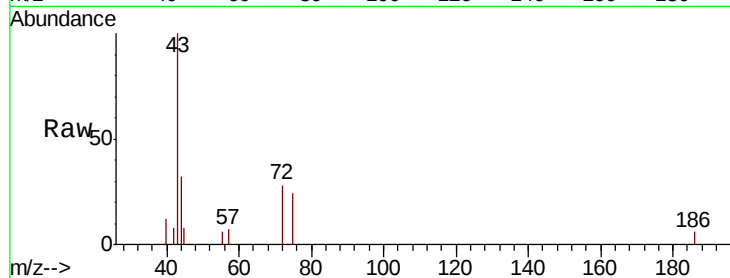




#37
 Ethyl Acetate
 Concen: 2.449 ug/l
 RT: 6.85 min Scan# 1580
 Delta R.T. -0.08 min
 Lab File: VN051300.D
 Acq: 18 Sep 2018 16:14

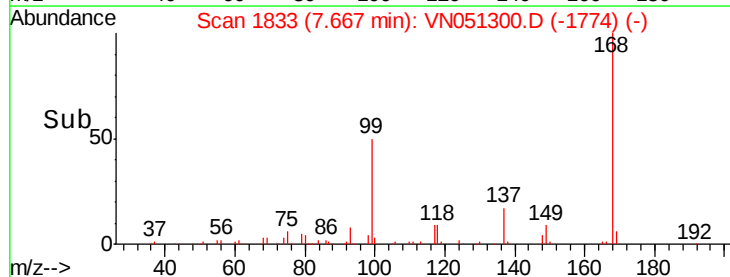
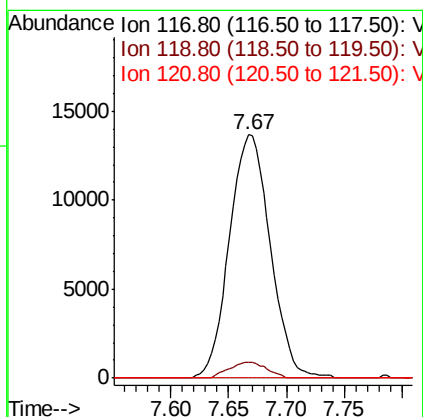
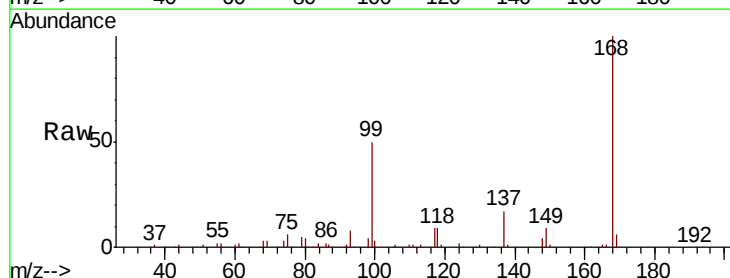
Instrument :
 MSVOA_N
 ClientSampleId :
 153

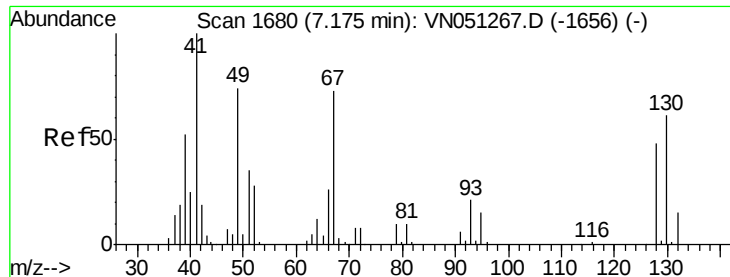
Tgt Ion: 43 Resp: 8375
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.3 18.5#
 70 0.0 9.4 14.0#



#38
 Carbon Tetrachloride
 Concen: 4.841 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.11 min
 Lab File: VN051300.D
 Acq: 18 Sep 2018 16:14

Tgt Ion: 117 Resp: 33578
 Ion Ratio Lower Upper
 117 100
 119 6.7 76.8 115.2#
 121 0.0 24.2 36.2#

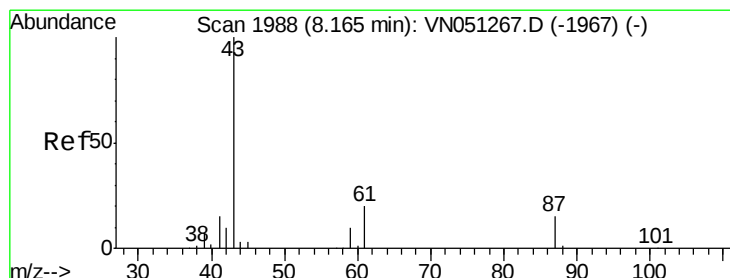
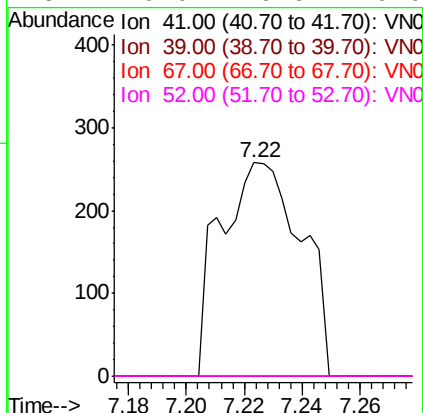
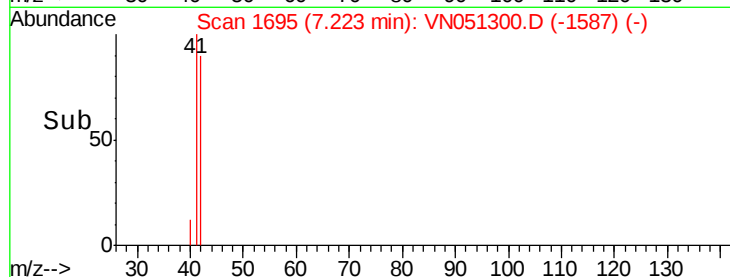
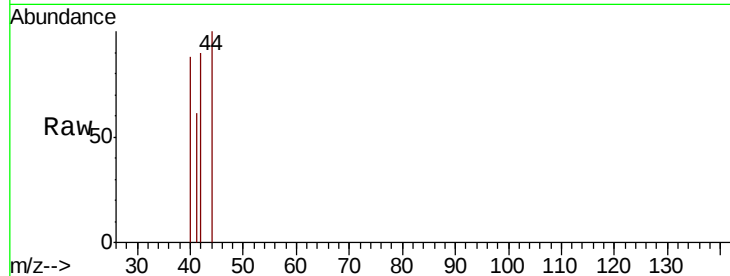




#41
Methacrylonitrile
Concen: 0.286 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.05 min
Lab File: VN051300.D
Acq: 18 Sep 2018 16:14

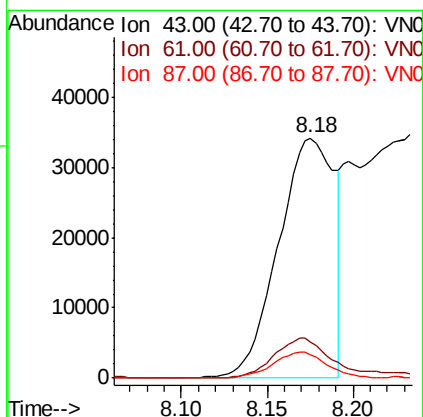
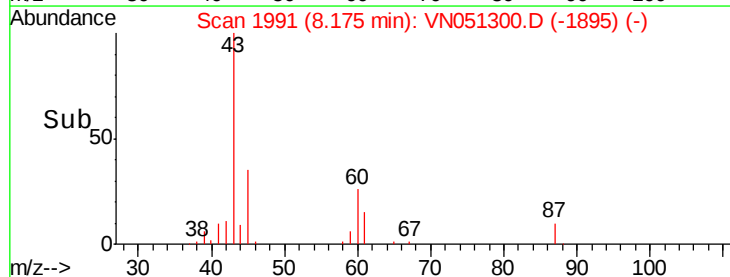
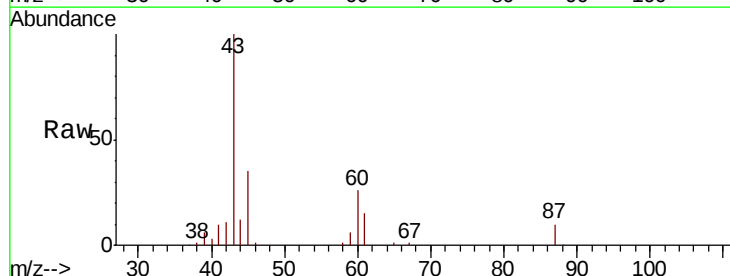
Instrument :
MSVOA_N
ClientSampleId :
153

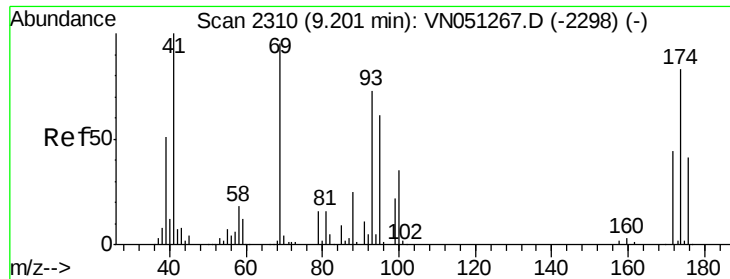
Tgt Ion:	41	Resp:	502
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.8	71.6#
67	0.0	69.8	104.6#
52	0.0	26.6	40.0#



#43
Isopropyl Acetate
Concen: 13.055 ug/l
RT: 8.18 min Scan# 1991
Delta R.T. 0.01 min
Lab File: VN051300.D
Acq: 18 Sep 2018 16:14

Tgt Ion:	43	Resp:	77240
Ion	Ratio	Lower	Upper
43	100		
61	18.3	17.4	26.2
87	10.3	12.2	18.4#

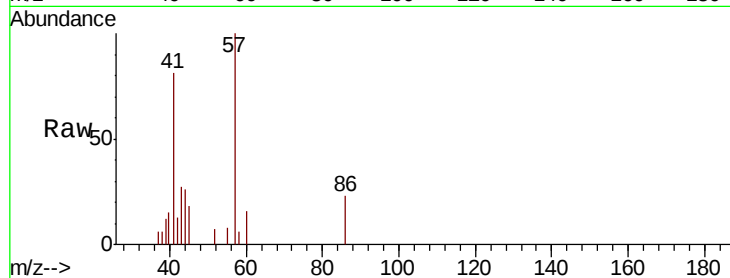




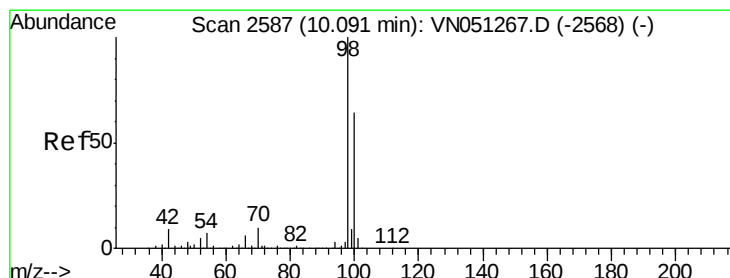
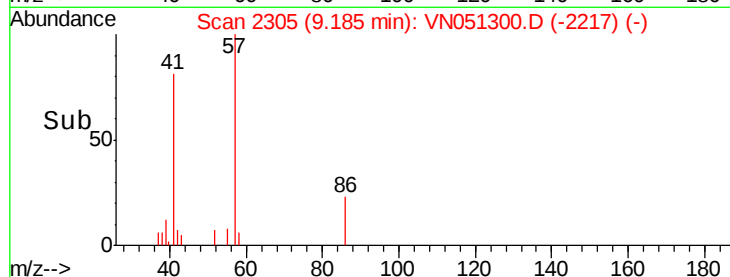
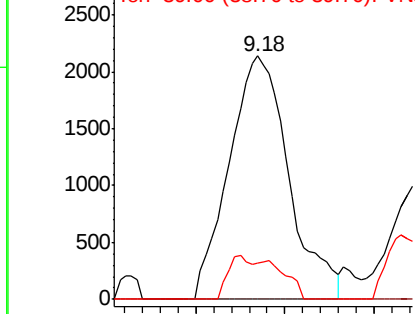
#48
Methyl methacrylate
Concen: 1.754 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. -0.02 min
Lab File: VN051300.D
Acq: 18 Sep 2018 16:14

Instrument :
MSVOA_N
ClientSampled :
153

Tgt Ion: 41 Resp: 4997
Ion Ratio Lower Upper
41 100
69 0.0 78.9 118.3#
39 7.0 42.2 63.2#

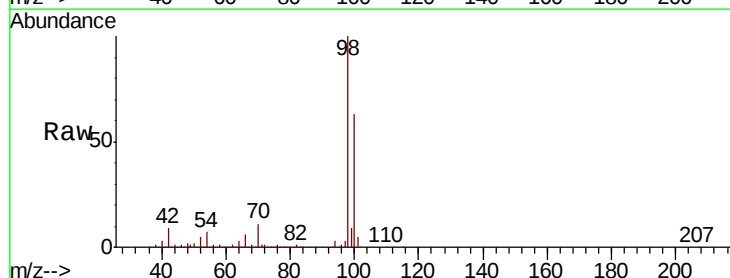


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

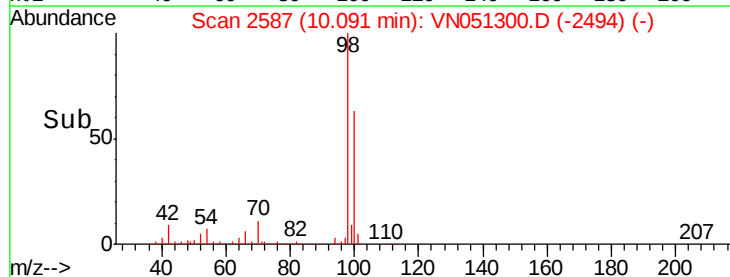
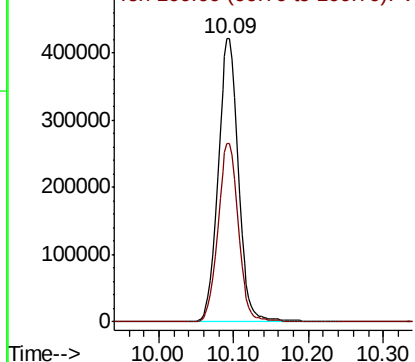


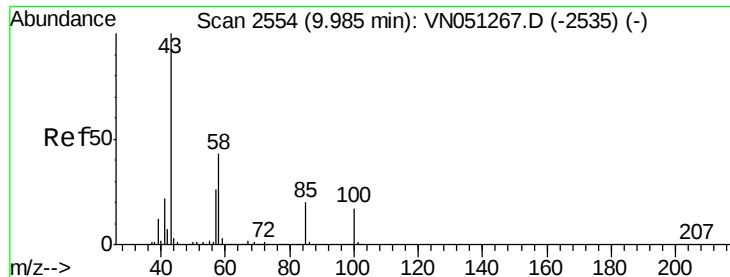
#50
Toluene-d8
Concen: 44.707 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051300.D
Acq: 18 Sep 2018 16:14

Tgt Ion: 98 Resp: 789064
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

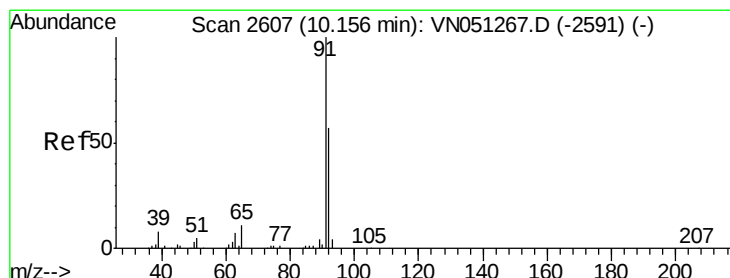
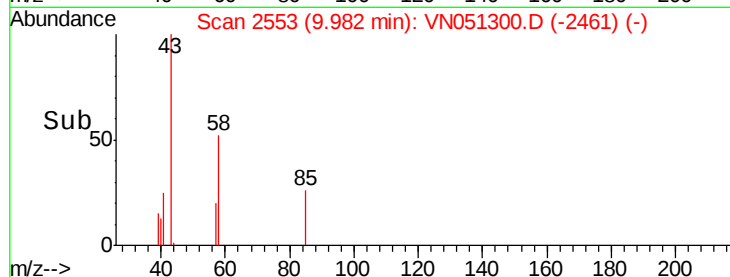
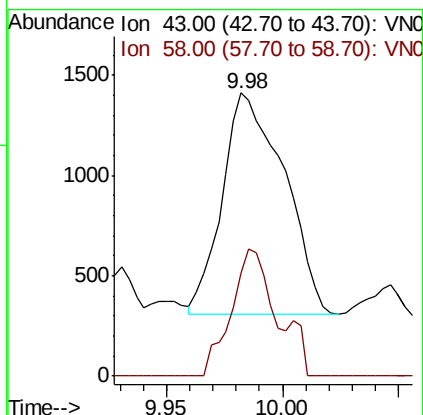
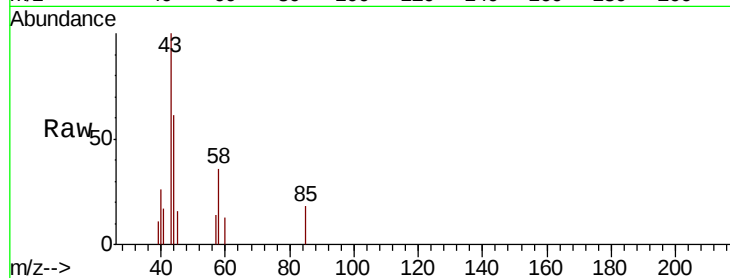




#51
 4-Methyl-2-Pentanone
 Concen: 0.669 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN051300.D
 Acq: 18 Sep 2018 16:14

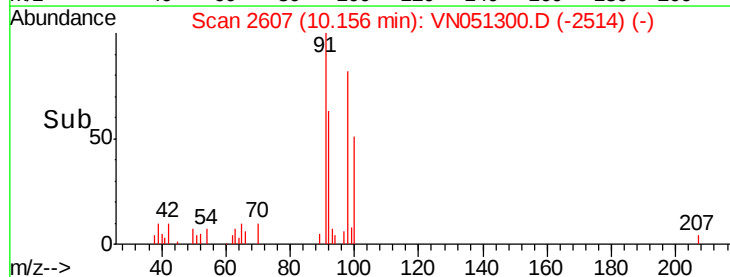
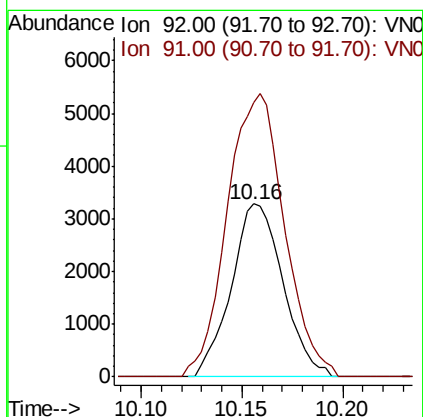
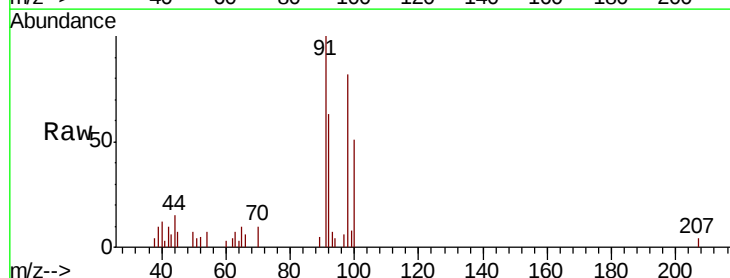
Instrument :
 MSVOA_N
 ClientSampled :
 153

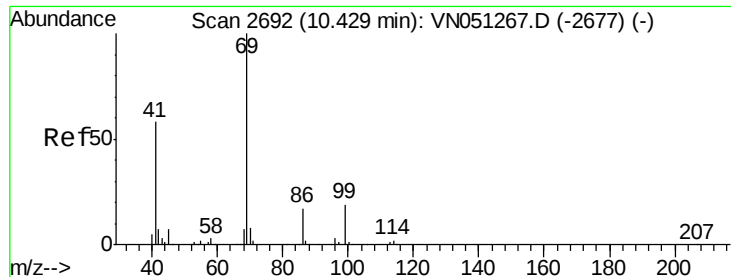
Tgt Ion: 43 Resp: 2043
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.8 50.6



#52
 Toluene
 Concen: 0.496 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN051300.D
 Acq: 18 Sep 2018 16:14

Tgt Ion: 92 Resp: 5875
 Ion Ratio Lower Upper
 92 100
 91 181.1 139.2 208.8





#56

Ethyl methacrylate

Concen: 2.273 ug/l

RT: 10.23 min Scan# 2630

Delta R.T. -0.20 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_N

ClientSampled :

153

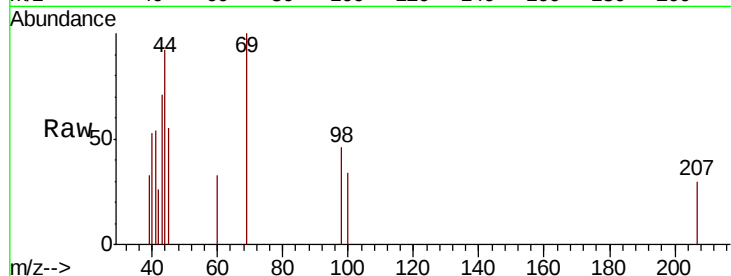
Tgt Ion: 69 Resp: 1158

Ion Ratio Lower Upper

69 100

41 37.2 47.4 71.0#

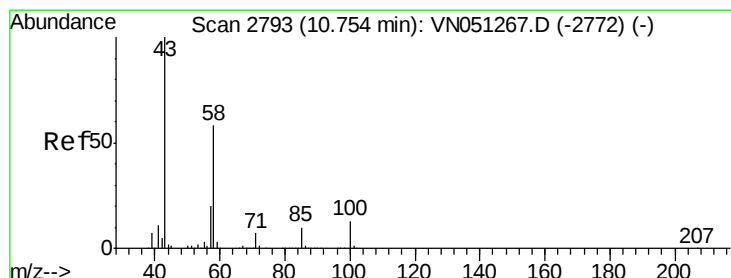
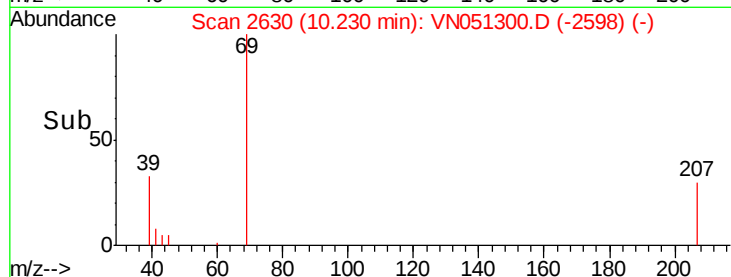
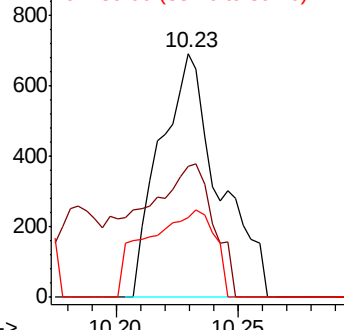
39 41.5 23.7 35.5#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 1.076 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN051300.D

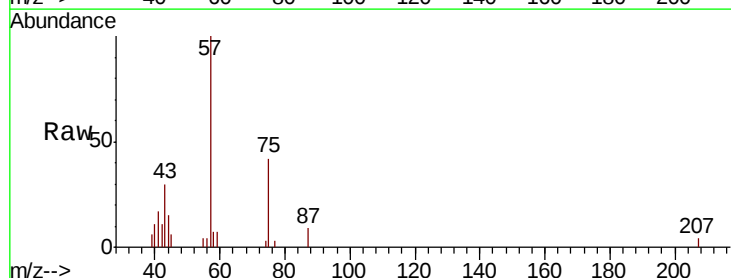
Acq: 18 Sep 2018 16:14

Tgt Ion: 43 Resp: 2163

Ion Ratio Lower Upper

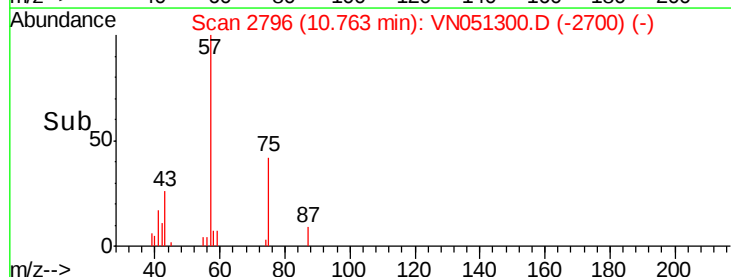
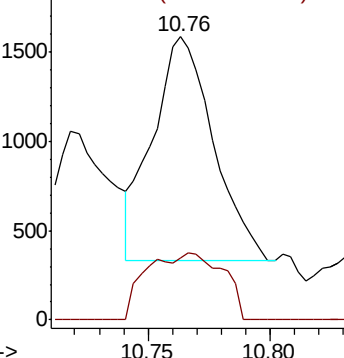
43 100

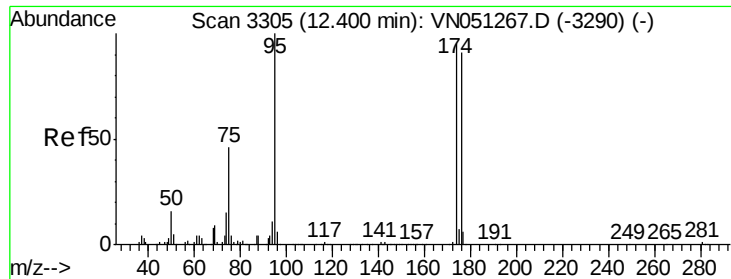
58 37.7 28.9 86.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.085 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_N

ClientSampleId :

153

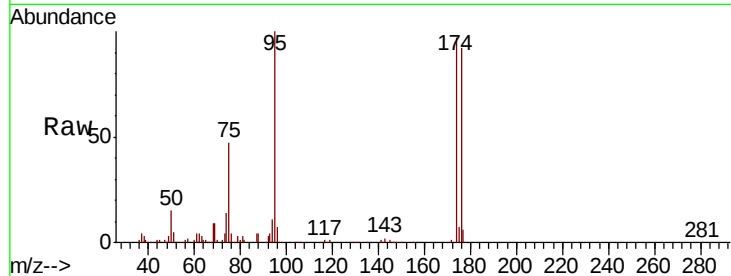
Tgt Ion: 95 Resp: 208190

Ion Ratio Lower Upper

95 100

174 96.9 0.0 189.6

176 93.1 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN051267.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051267.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051267.D (-3290) (-)

12.40

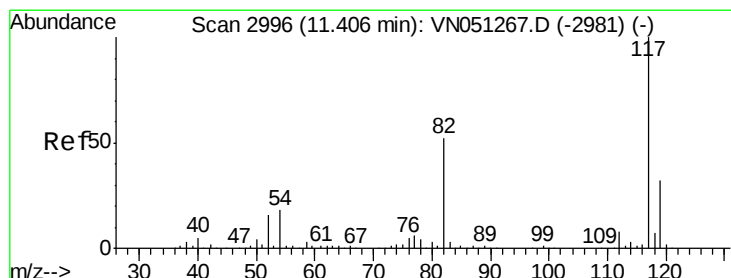
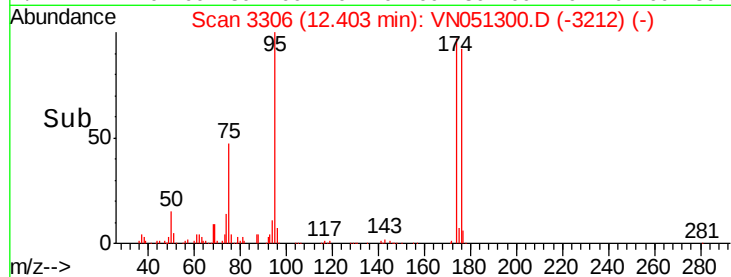
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

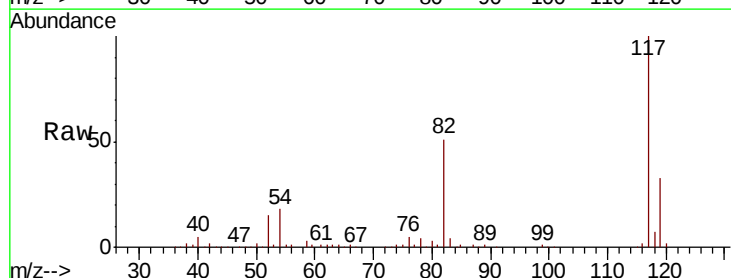
Tgt Ion: 117 Resp: 493117

Ion Ratio Lower Upper

117 100

82 51.4 41.8 62.8

119 32.8 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN051267.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051267.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051267.D (-2981) (-)

11.41

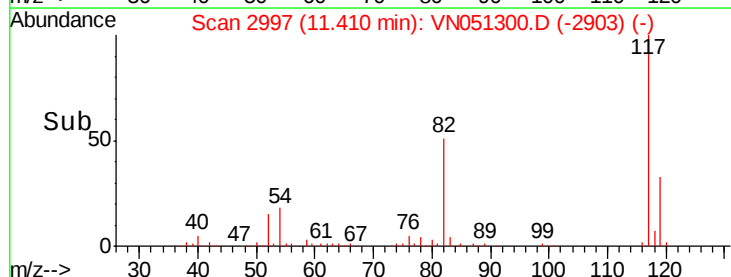
300000

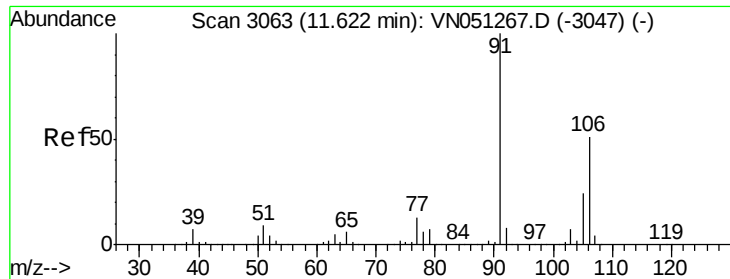
200000

100000

0

Time-->

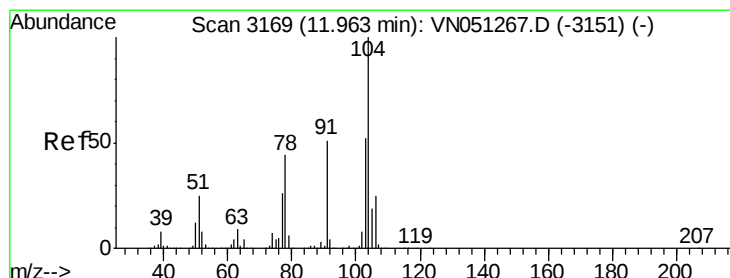
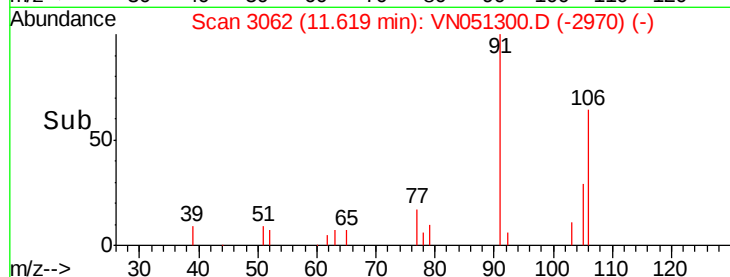
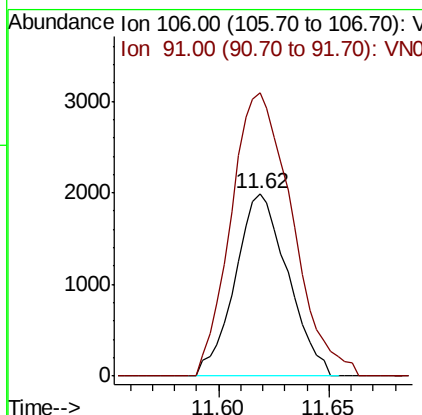
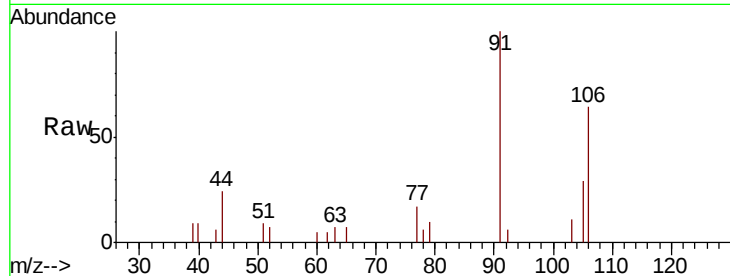




#68
m/p-Xylenes
Concen: 0.438 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051300.D
Acq: 18 Sep 2018 16:14

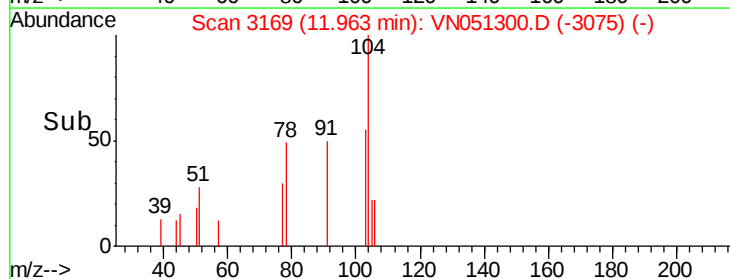
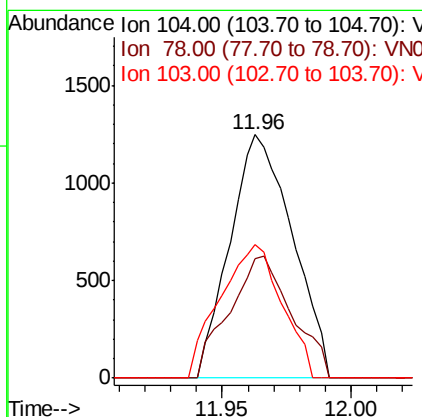
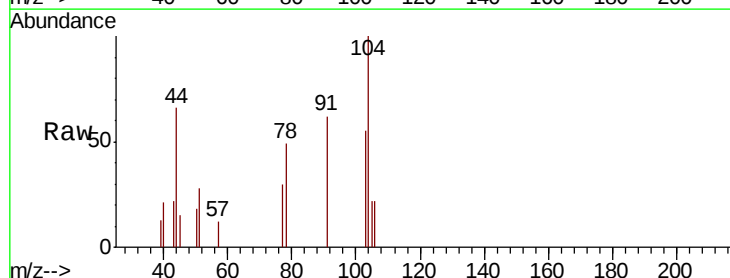
Instrument :
MSVOA_N
ClientSampled :
153

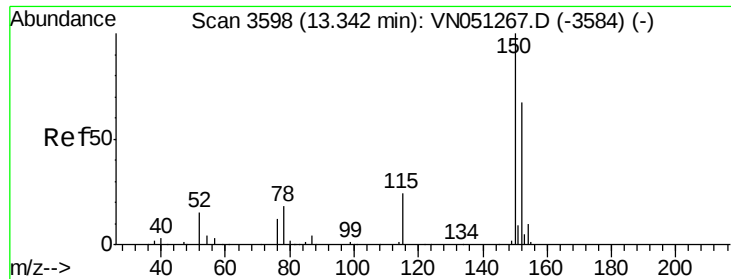
Tgt Ion:106 Resp: 3306
Ion Ratio Lower Upper
106 100
91 180.0 158.6 238.0



#70
Styrene
Concen: 1.405 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051300.D
Acq: 18 Sep 2018 16:14

Tgt Ion:104 Resp: 2100
Ion Ratio Lower Upper
104 100
78 50.1 38.1 57.1
103 54.3 44.8 67.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_N

ClientSampleId :

153

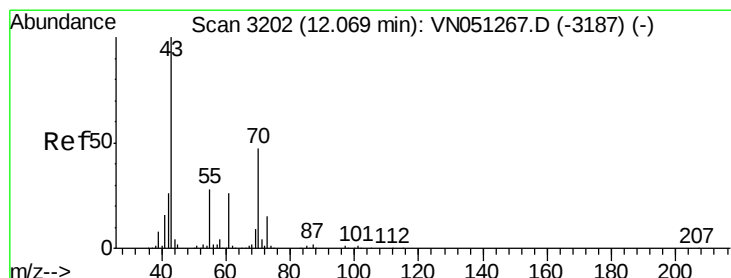
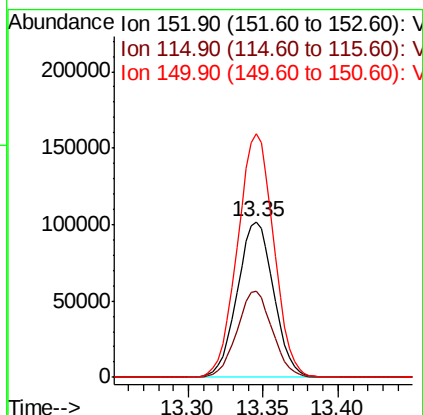
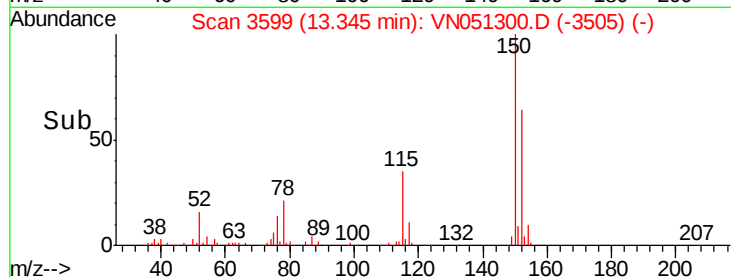
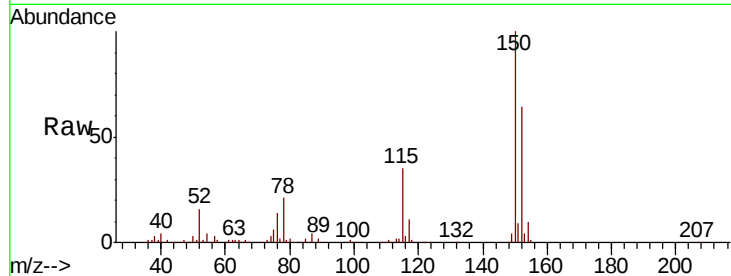
Tgt Ion:152 Resp: 171665

Ion Ratio Lower Upper

152 100

115 53.9 27.1 81.2

150 156.0 0.0 349.0



#74

N-ethyl acetate

Concen: 0.216 ug/l

RT: 12.04 min Scan# 3192

Delta R.T. -0.03 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

Tgt Ion: 43 Resp: 641

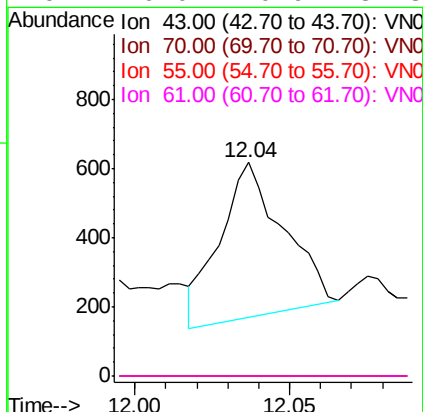
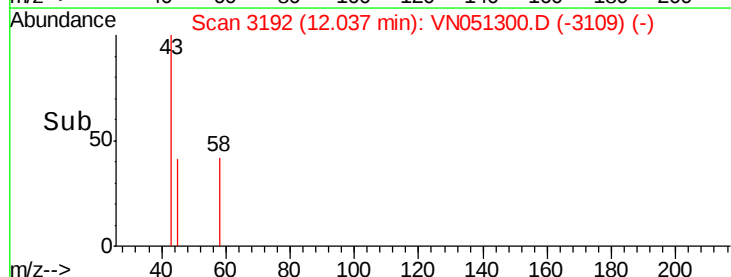
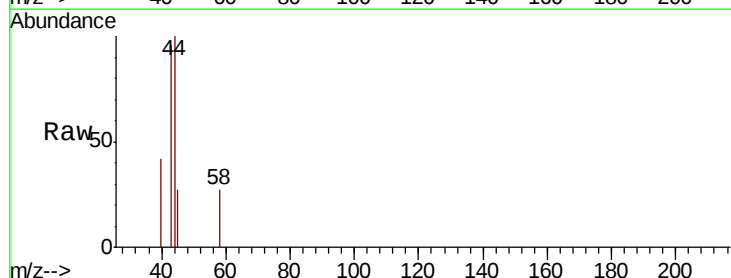
Ion Ratio Lower Upper

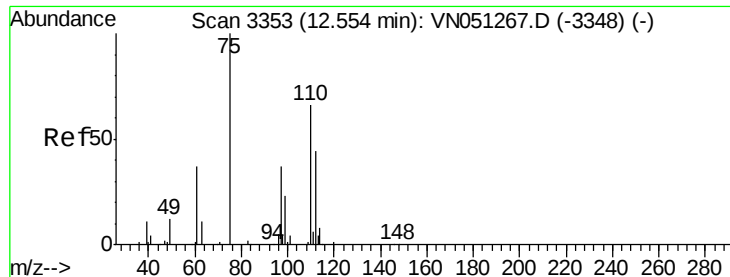
43 100

70 0.0 37.8 56.6#

55 0.0 22.6 34.0#

61 0.0 20.9 31.3#





#76

1,2,3-Trichloropropane

Concen: 40.478 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_N

ClientSampleId :

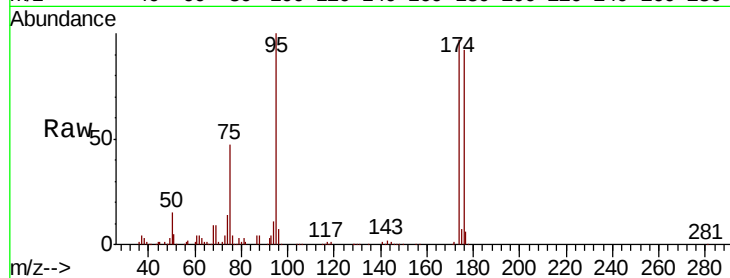
153

Tgt Ion: 75 Resp: 96239

Ion Ratio Lower Upper

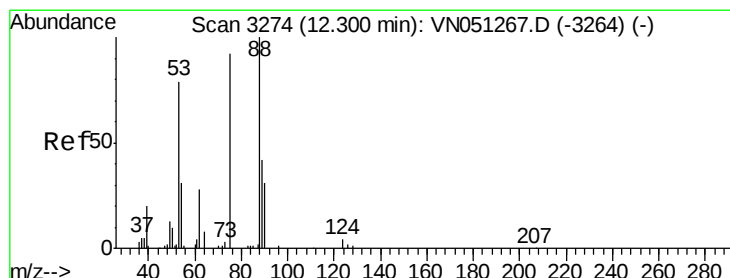
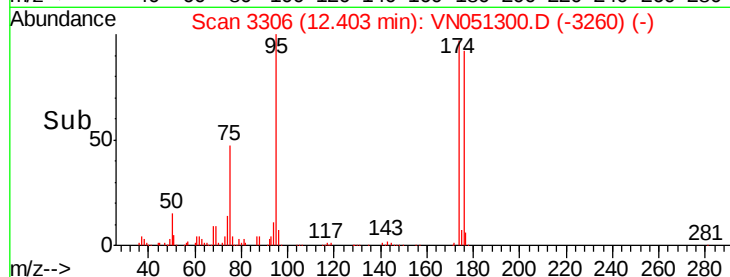
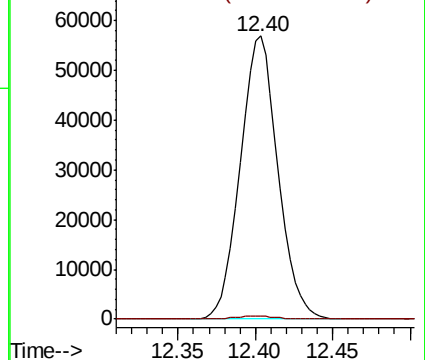
75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 124.515 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

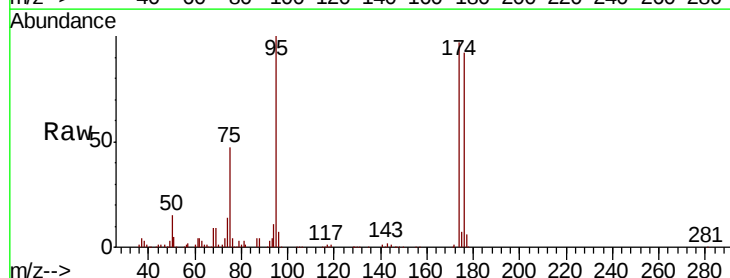
Tgt Ion: 75 Resp: 96239

Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

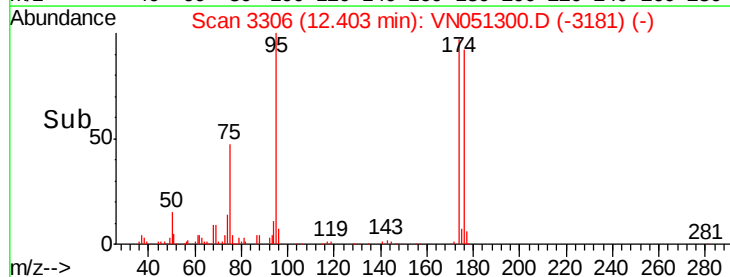
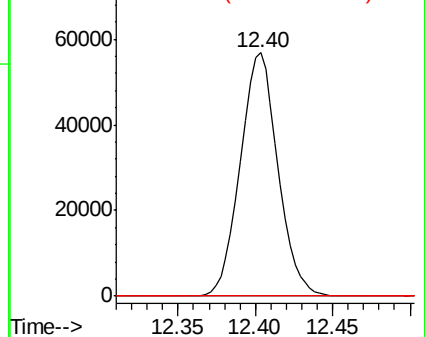
89 0.0 36.9 55.3#

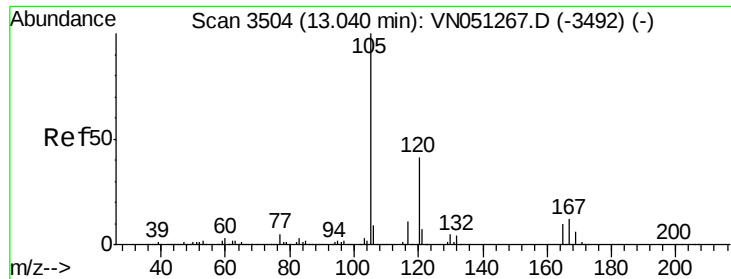


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

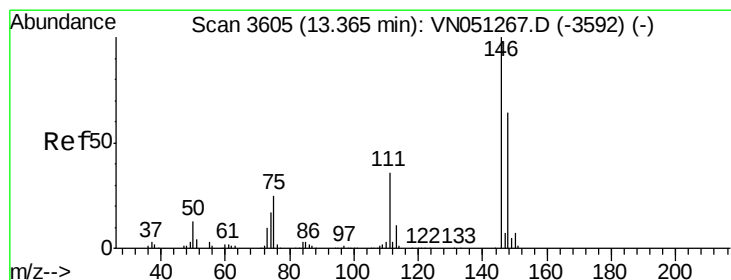
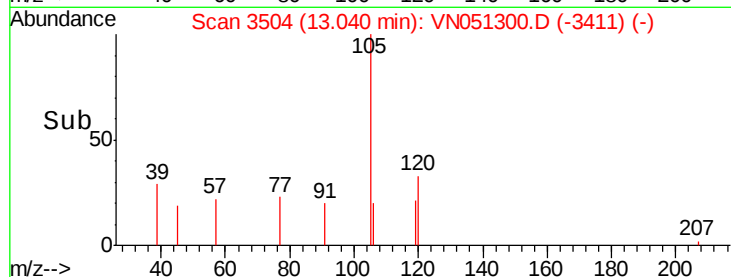
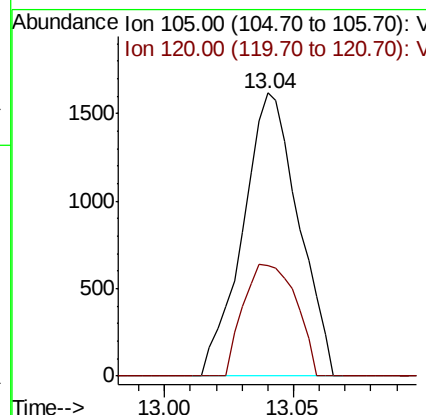
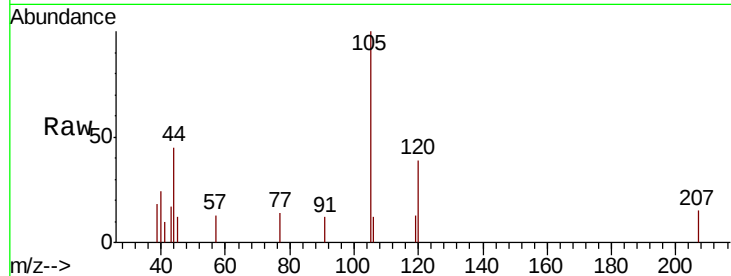




#84
 1,2,4-Trimethylbenzene
 Concen: 0.216 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051300.D
 Acq: 18 Sep 2018 16:14

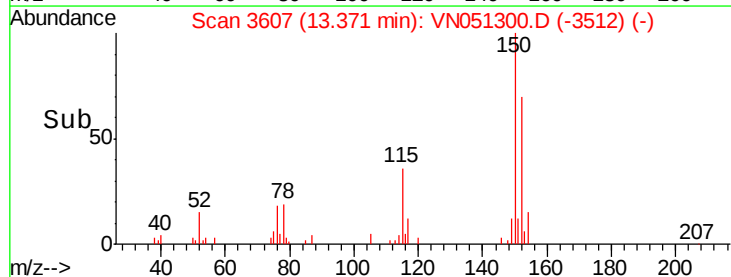
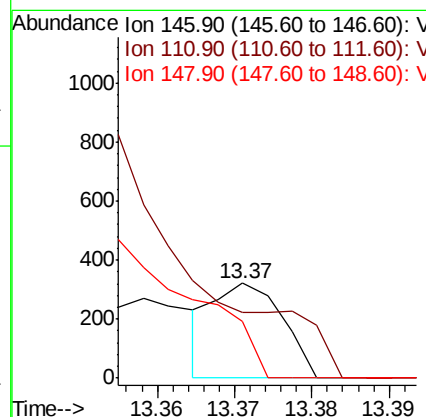
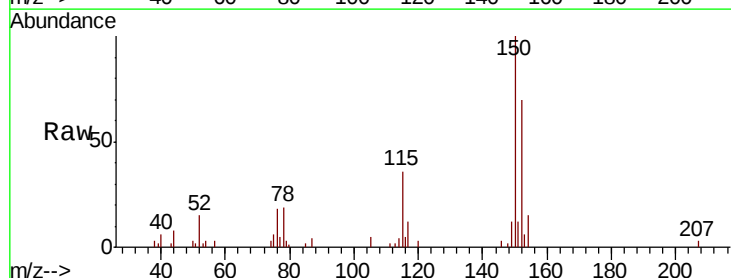
Instrument :
 MSVOA_N
 ClientSampleId :
 153

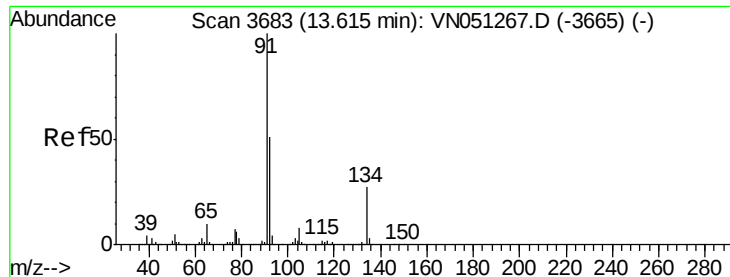
Tgt Ion:105 Resp: 2433
 Ion Ratio Lower Upper
 105 100
 120 37.4 23.5 70.6



#88
 1,4-Dichlorobenzene
 Concen: 0.444 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.01 min
 Lab File: VN051300.D
 Acq: 18 Sep 2018 16:14

Tgt Ion:146 Resp: 198
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.2 54.6#
 148 0.0 31.9 95.7#





#89

n-Butylbenzene

Concen: 2.048 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.01 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_N

ClientSampleId :

153

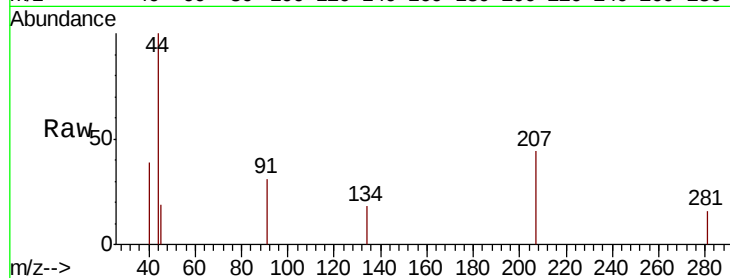
Tgt Ion: 91 Resp: 284

Ion Ratio Lower Upper

91 100

92 0.0 25.8 77.4#

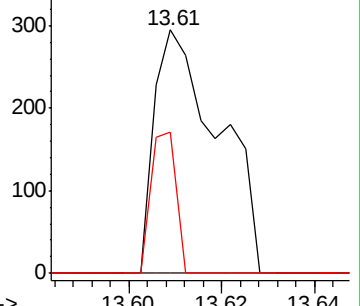
134 22.9 13.7 41.0



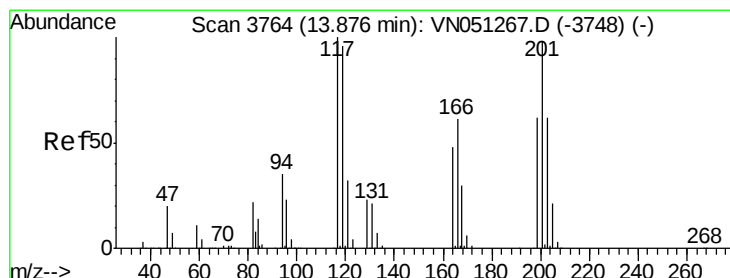
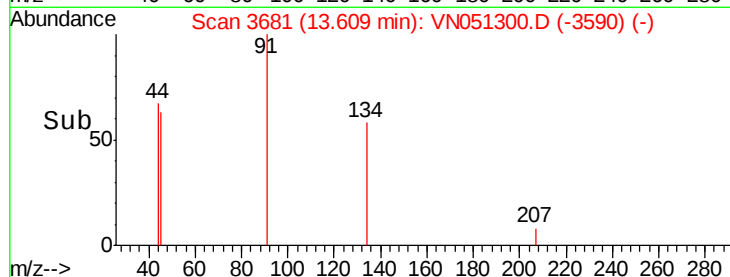
Abundance Ion 91.00 (90.70 to 91.70): VN051267.D (-3665) (-)

Ion 92.00 (91.70 to 92.70): VN051267.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN051267.D (-3665) (-)



Time-->



#90

Hexachloroethane

Concen: Below Cal

RT: 13.99 min Scan# 3800

Delta R.T. 0.12 min

Lab File: VN051300.D

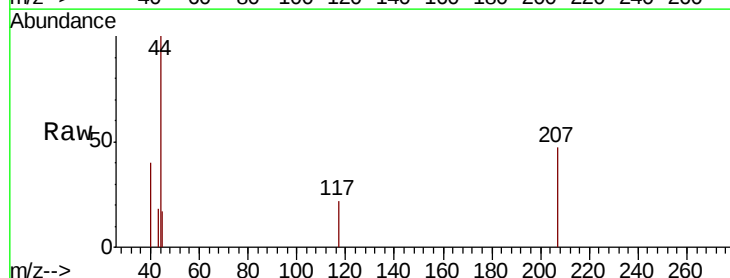
Acq: 18 Sep 2018 16:14

Tgt Ion: 117 Resp: 148

Ion Ratio Lower Upper

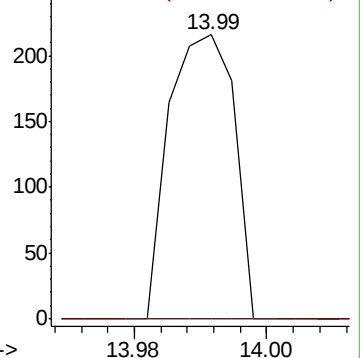
117 100

201 0.0 48.4 145.3#

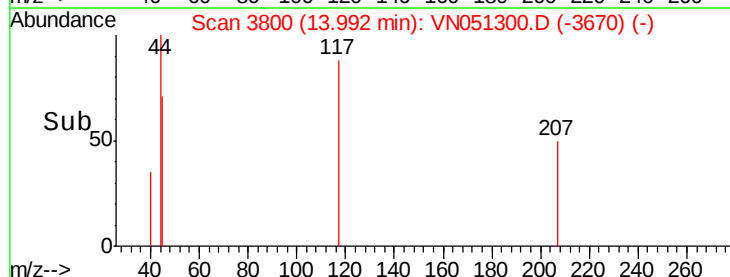


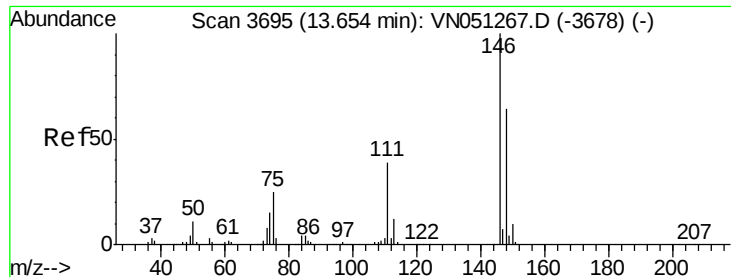
Abundance Ion 116.80 (116.50 to 117.50): VN051267.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN051267.D (-3748) (-)



Time-->





#91

1,2-Dichlorobenzene

Concen: Below Cal

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_N

ClientSampleId :

153

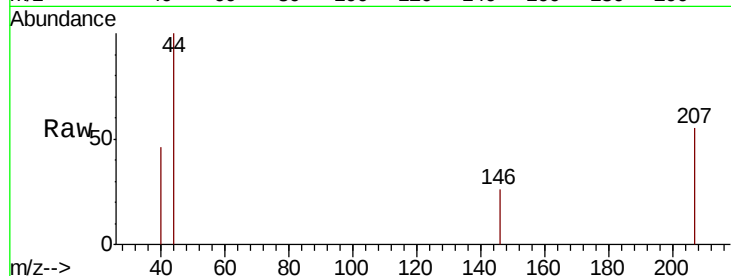
Tgt Ion:146 Resp: 104

Ion Ratio Lower Upper

146 100

111 0.0 19.6 58.7#

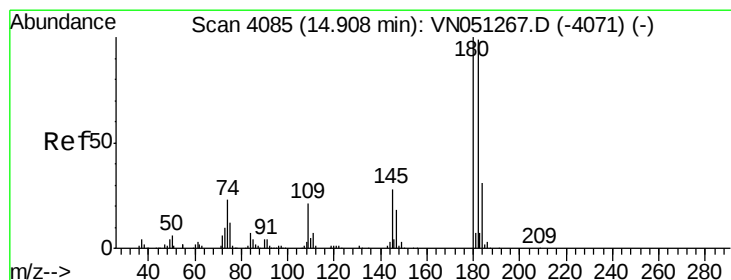
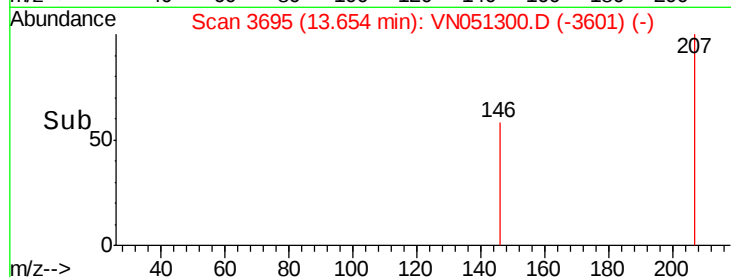
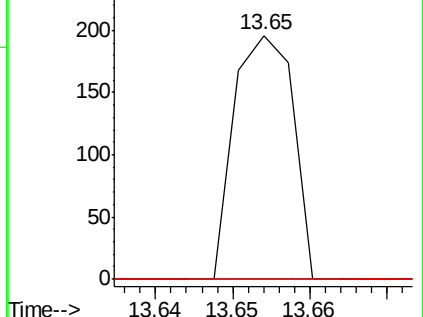
148 0.0 31.9 95.9#



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



#93

1,2,4-Trichlorobenzene

Concen: 5.067 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

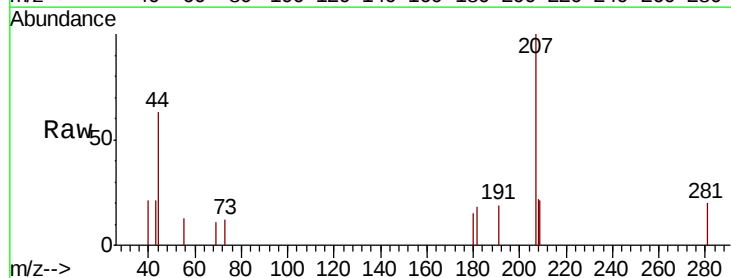
Tgt Ion:180 Resp: 111

Ion Ratio Lower Upper

180 100

182 160.4 48.5 145.6#

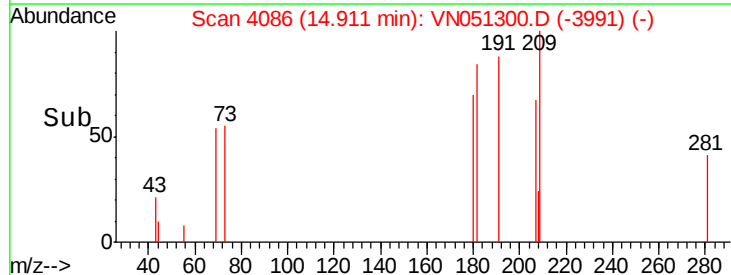
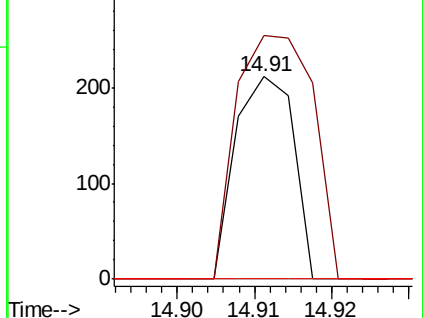
145 0.0 14.0 41.9#

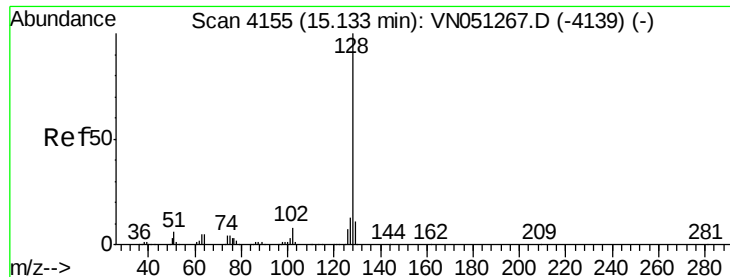


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 27.865 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

Instrument :

MSVOA_N

ClientSampleId :

153

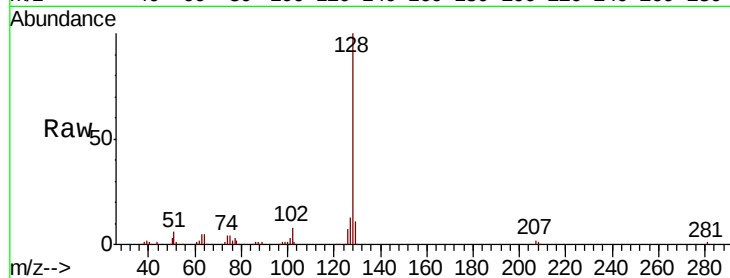
Tgt Ion:128 Resp: 133719

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

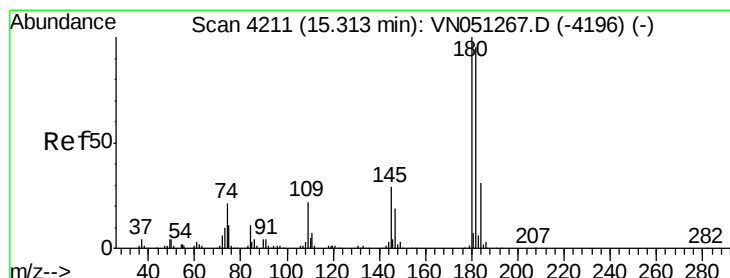
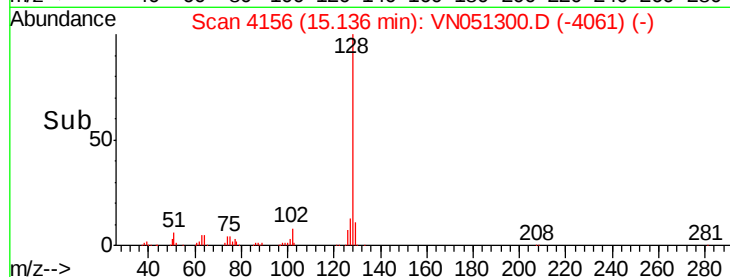
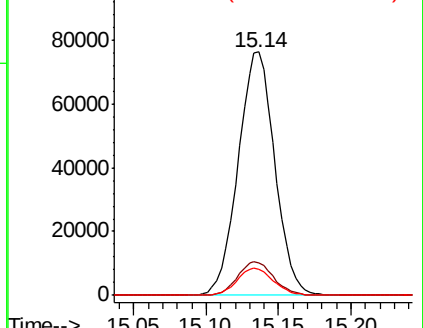
129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 3.959 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN051300.D

Acq: 18 Sep 2018 16:14

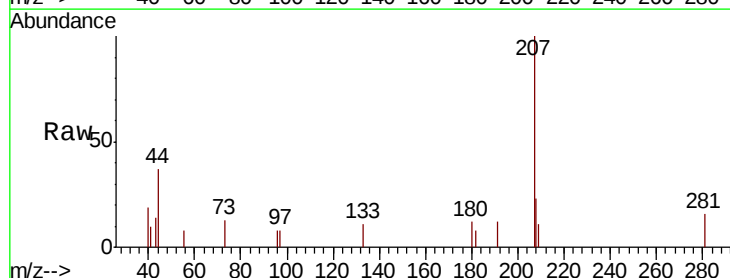
Tgt Ion:180 Resp: 285

Ion Ratio Lower Upper

180 100

182 56.1 47.5 142.6

145 0.0 14.8 44.4#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

