

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120418\
 Data File : VN052650.D
 Acq On : 4 Dec 2018 13:20
 Operator : MD\SY
 Sample : J6209-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 12.65

Quant Time: Dec 05 03:07:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1211427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1854912	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1603267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	602783	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	634580	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
35) Dibromofluoromethane	7.59	113	579987	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
50) Toluene-d8	10.09	98	2251499	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.40	95	693194	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	

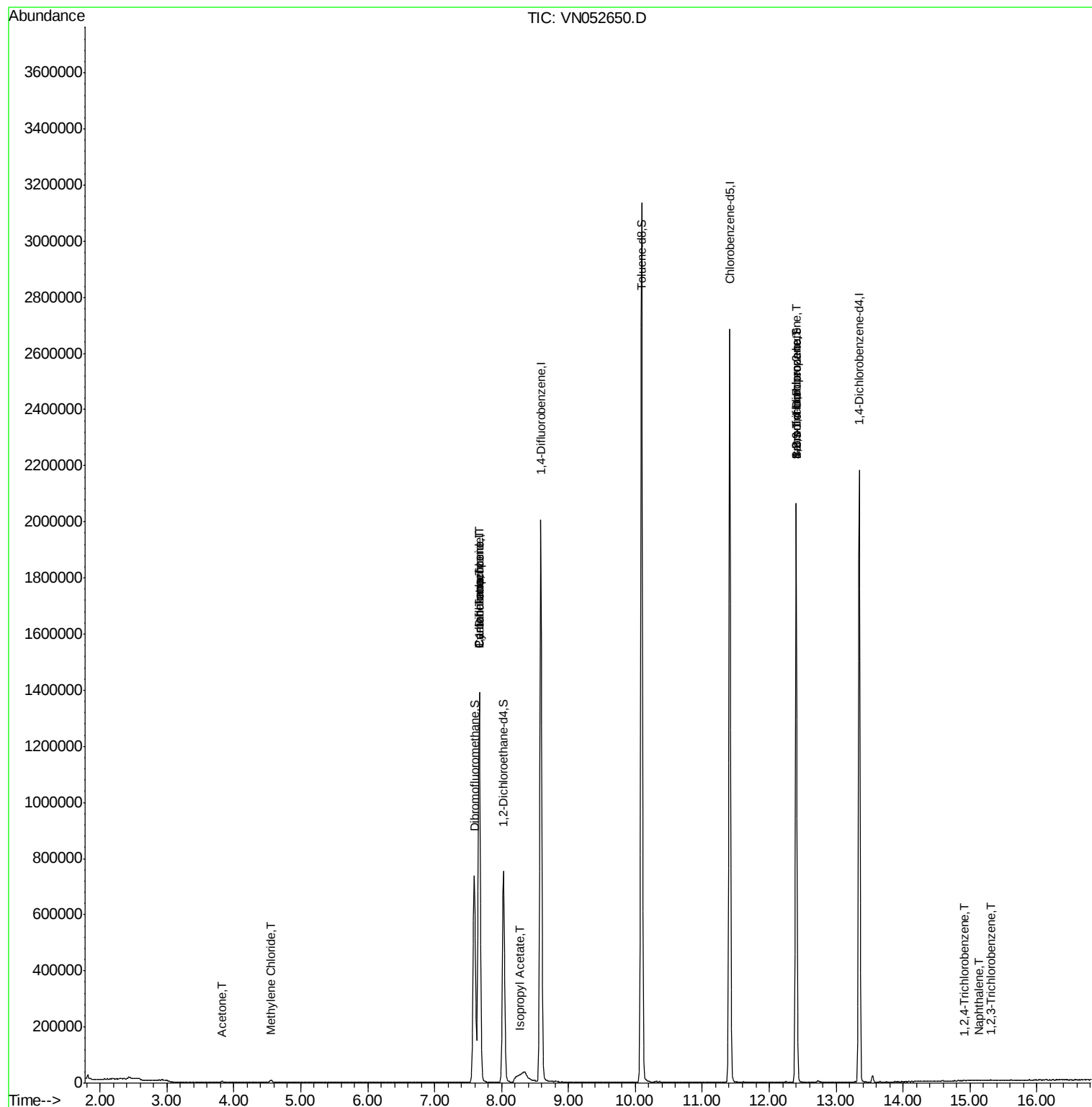
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	7640	2.196	ug/l	99
20) Methylene Chloride	4.55	84	5703	0.419	ug/l	95
31) Cyclohexane	7.67	56	21231	0.574	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	81327	4.643	ug/l #	50
38) Carbon Tetrachloride	7.67	117	107462	6.777	ug/l #	15
43) Isopropyl Acetate	8.27	43	38936	2.152	ug/l #	53
71) Bromoform	12.40	173	4069	0.535	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	334092	35.942	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	334092	120.030	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.91	180	356	2.861	ug/l #	47
95) Naphthalene	15.14	128	2498	3.531	ug/l #	80
96) 1,2,3-Trichlorobenzene	15.31	180	514	2.776	ug/l #	64

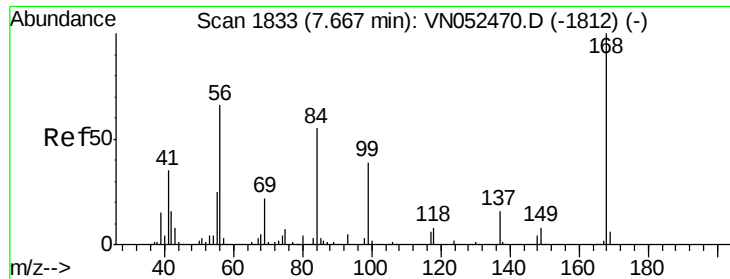
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120418\
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12.65

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052650.D

Acq: 4 Dec 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

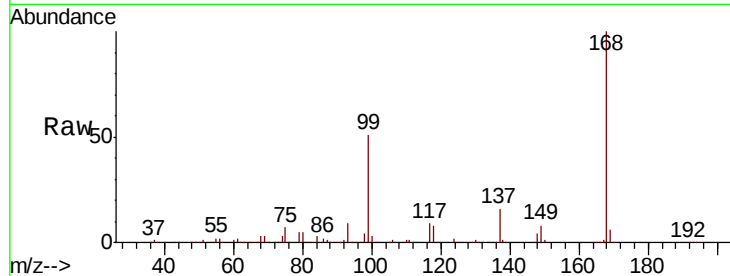
12.65

Tot Ion:168 Resp: 1211427

Ion Ratio Lower Upper

168 100

99 50.5 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1812) (-)

7.67

600000

500000

400000

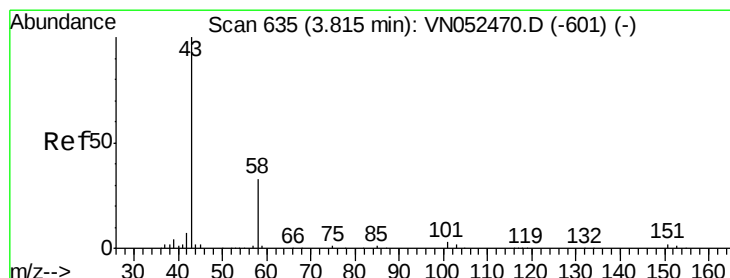
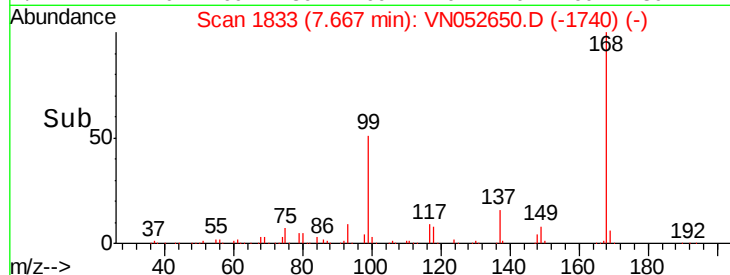
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 2.196 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052650.D

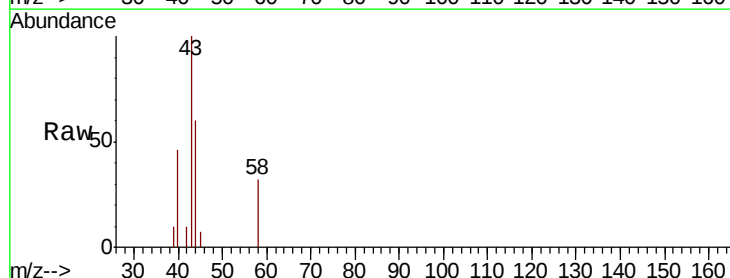
Acq: 4 Dec 2018 13:20

Tgt Ion: 43 Resp: 7640

Ion Ratio Lower Upper

43 100

58 31.9 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-601) (-)

3.82

2500

2000

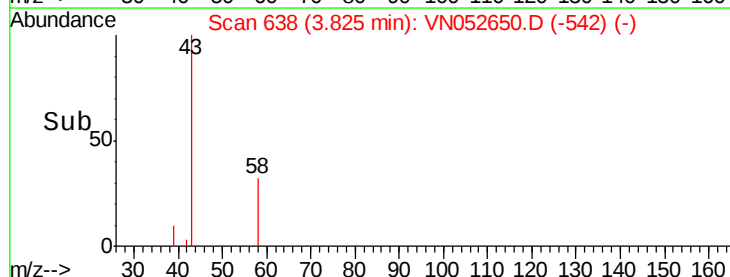
1500

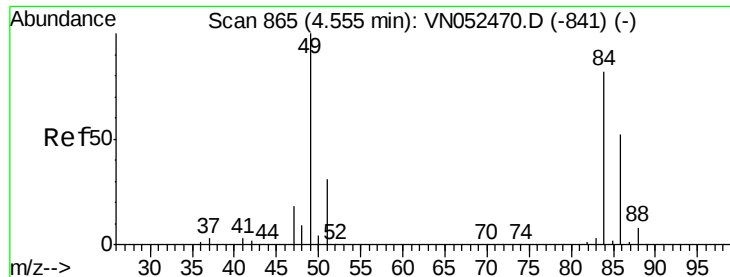
1000

500

0

Time--> 3.75 3.80 3.85 3.90

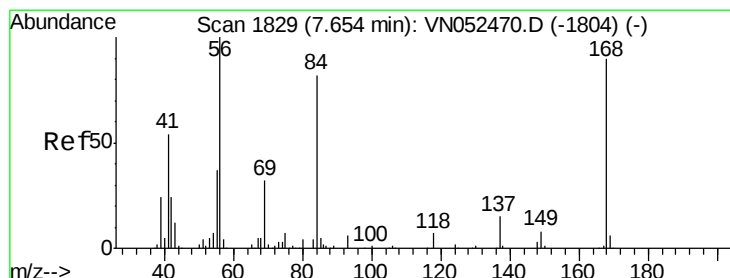
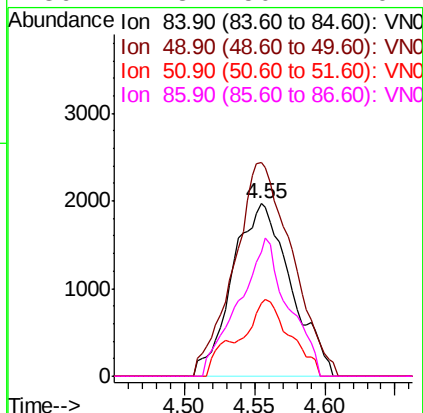
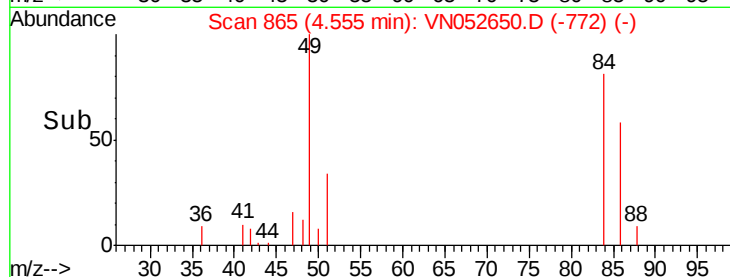
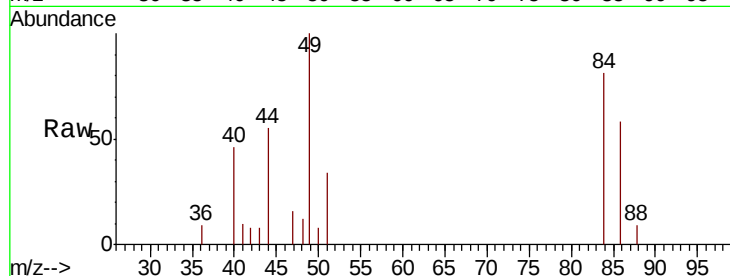




#20
Methvlene Chloride
Concen: 0.419 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052650.D
Acq: 4 Dec 2018 13:20

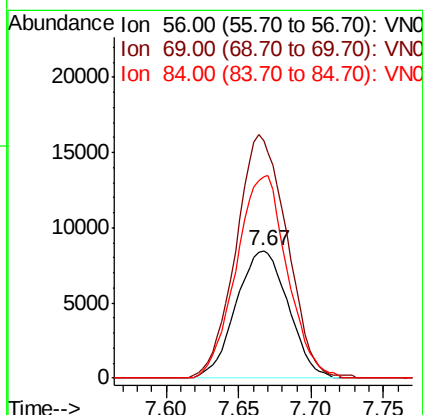
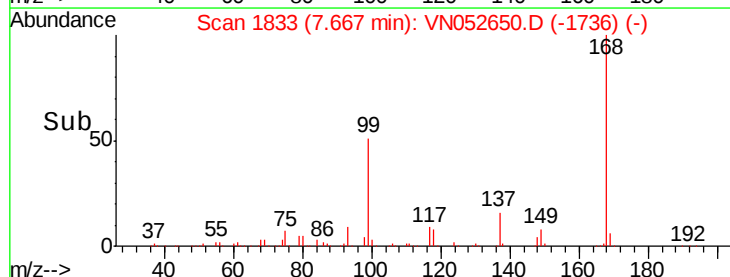
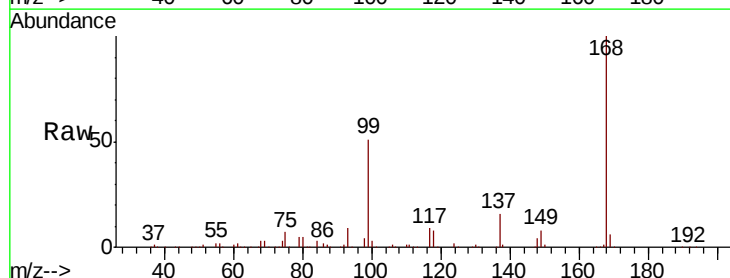
Instrument :
MSVOA_N
ClientSampleId :
12.65

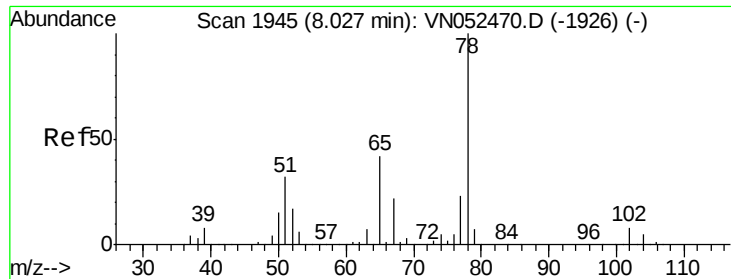
Tot Ion:	84	Resp:	5703
Ion	Ratio	Lower	Upper
84	100		
49	123.8	98.0	147.0
51	42.1	30.1	45.1
86	72.3	50.7	76.1



#31
Cyclohexane
Concen: 0.574 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN052650.D
Acq: 4 Dec 2018 13:20

Tgt Ion:	56	Resp:	21231
Ion	Ratio	Lower	Upper
56	100		
69	186.0	25.8	38.6#
84	158.1	65.3	97.9#

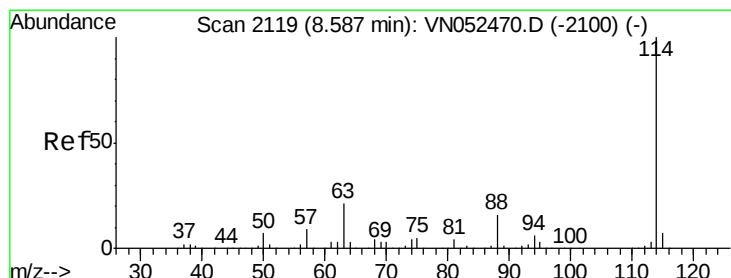
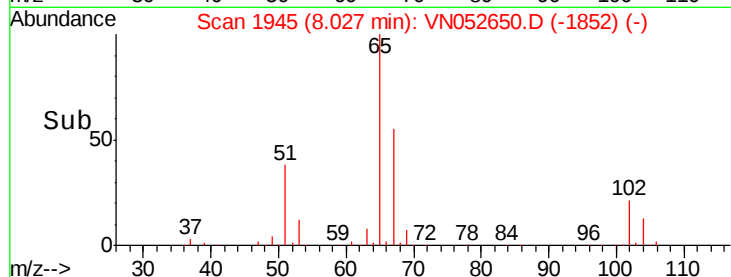
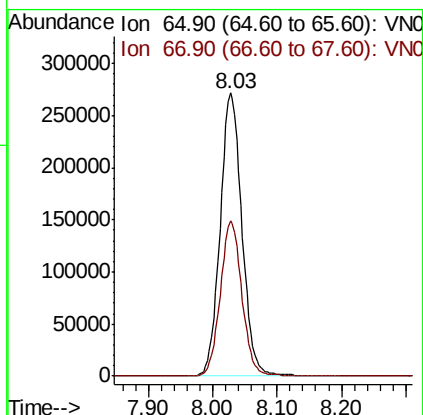
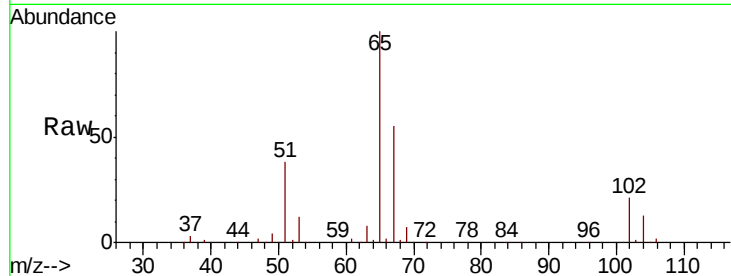




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052650.D
 Acq: 4 Dec 2018 13:20

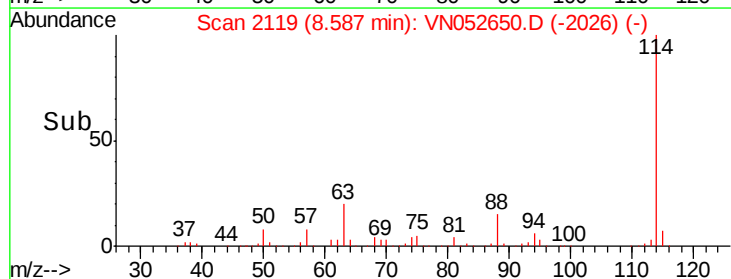
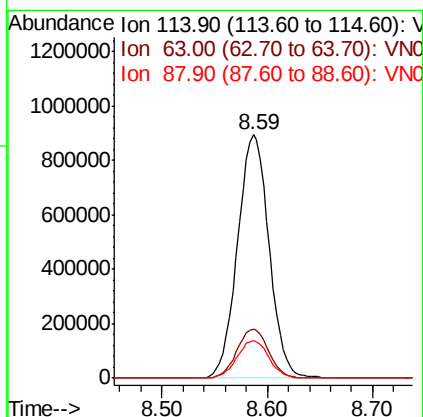
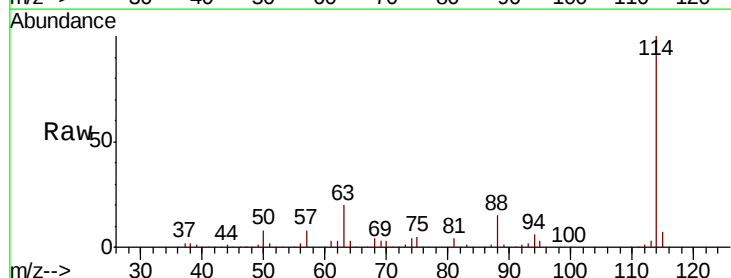
Instrument :
 MSVOA_N
 ClientSampleId :
 12.65

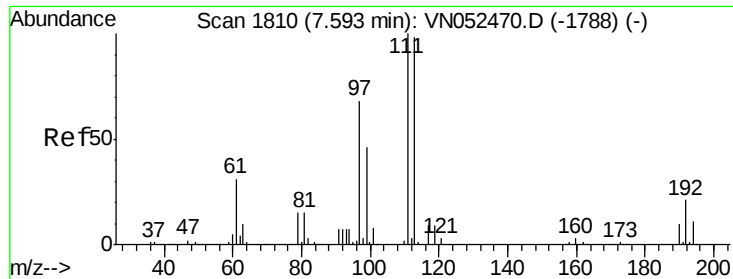
Tot Ion: 65 Resp: 634580
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052650.D
 Acq: 4 Dec 2018 13:20

Tgt Ion: 114 Resp: 1854912
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.8
 88 15.4 0.0 31.6

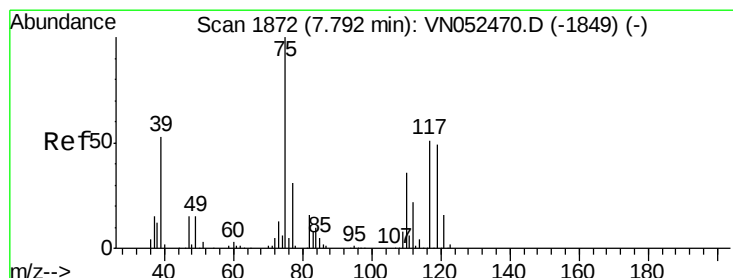
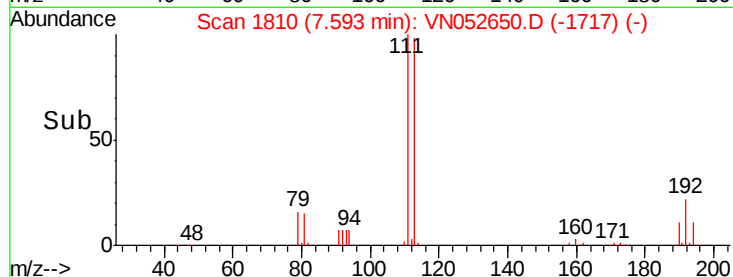
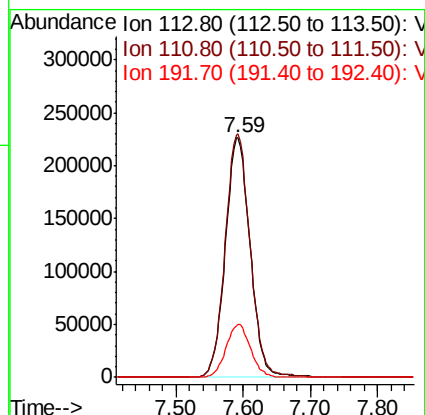
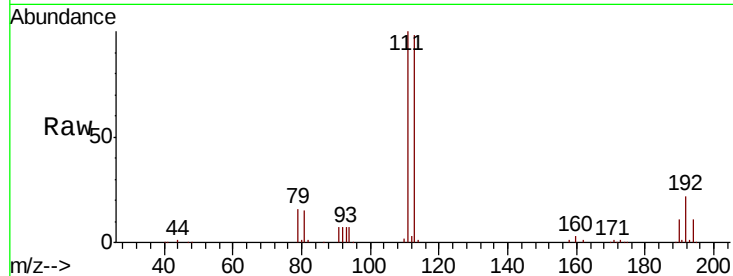




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052650.D
 Acq: 4 Dec 2018 13:20

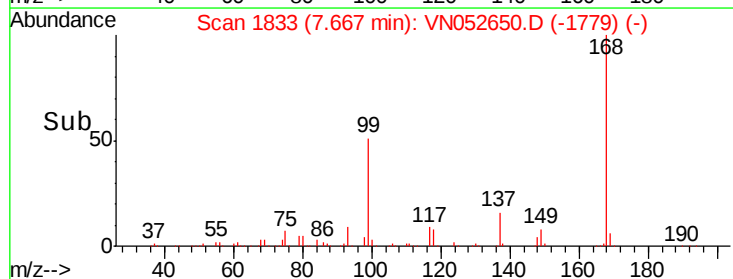
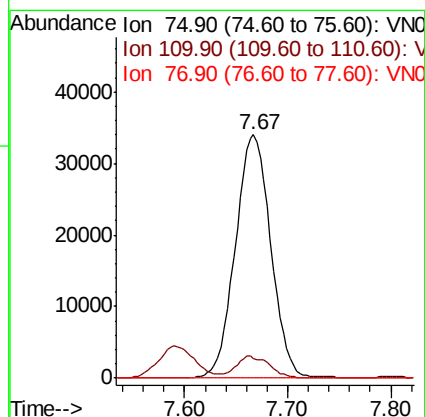
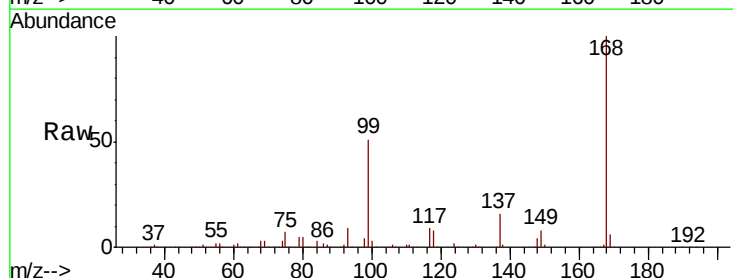
Instrument :
 MSVOA_N
 ClientSampleId :
 12.65

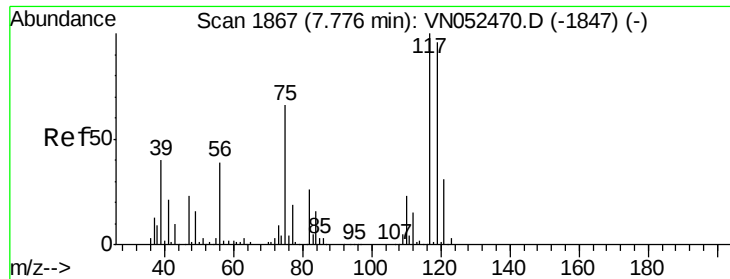
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	22.0	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 4.643 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN052650.D
 Acq: 4 Dec 2018 13:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.5	52.6#
77	0.0	24.5	36.7#





#38

Carbon Tetrachloride

Concen: 6.777 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN052650.D

Acq: 4 Dec 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

12.65

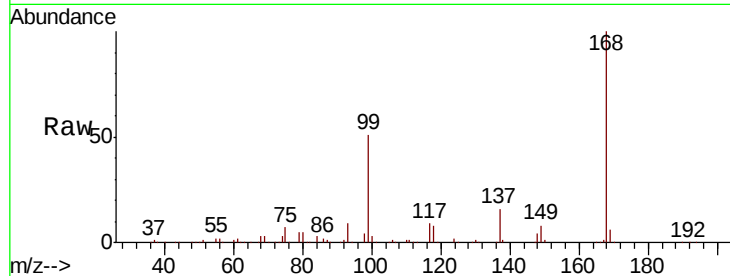
Tot Ion:117 Resp: 107462

Ion Ratio Lower Upper

117 100

119 4.4 76.8 115.2#

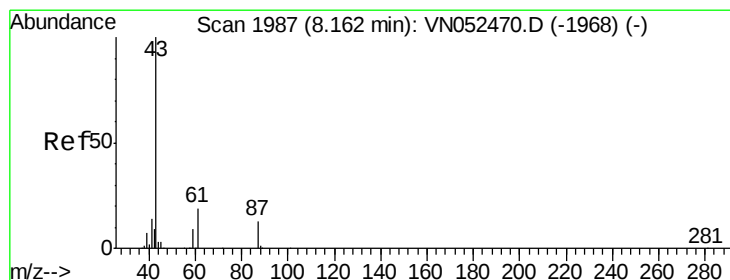
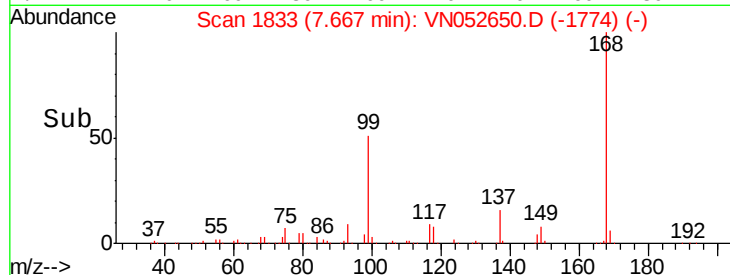
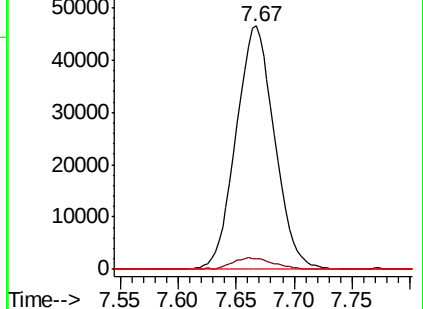
121 0.0 24.9 37.3#



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



#43

Isopropyl Acetate

Concen: 2.152 ug/l

RT: 8.27 min Scan# 2019

Delta R.T. 0.10 min

Lab File: VN052650.D

Acq: 4 Dec 2018 13:20

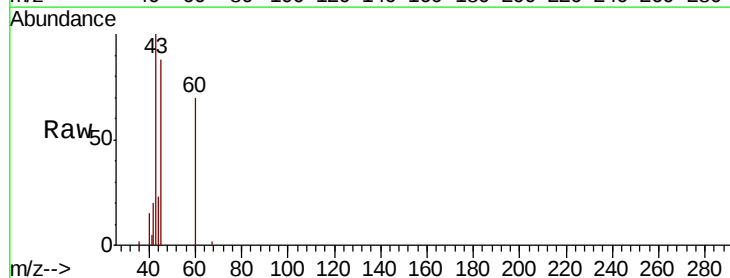
Tgt Ion: 43 Resp: 38936

Ion Ratio Lower Upper

43 100

61 1.3 24.1 36.1#

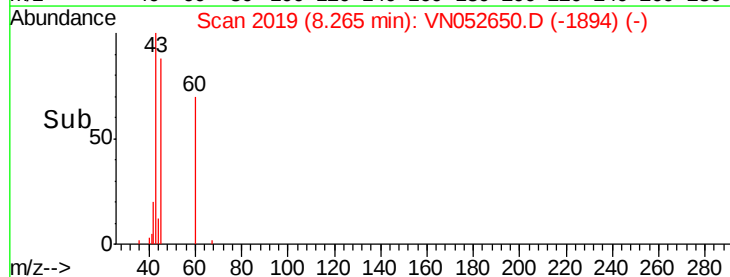
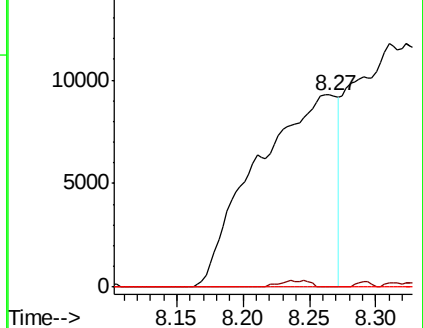
87 0.0 10.6 15.8#

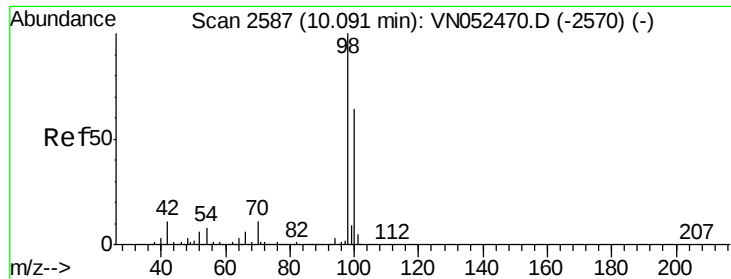


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052650.D

Acq: 4 Dec 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

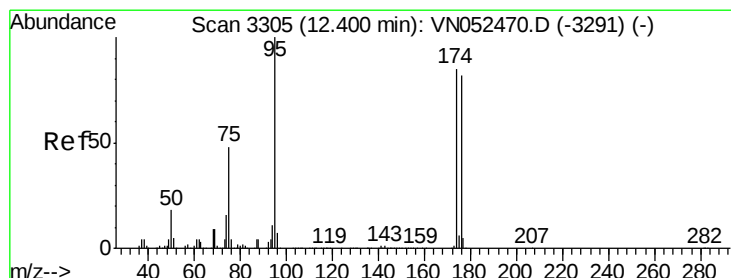
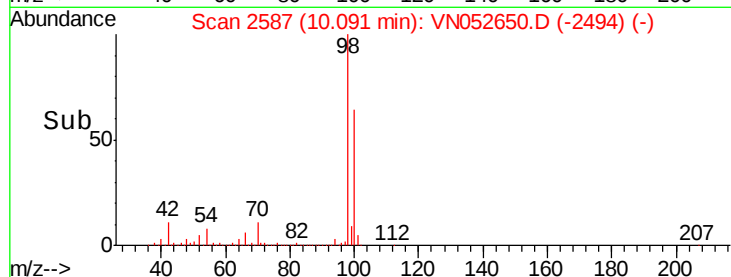
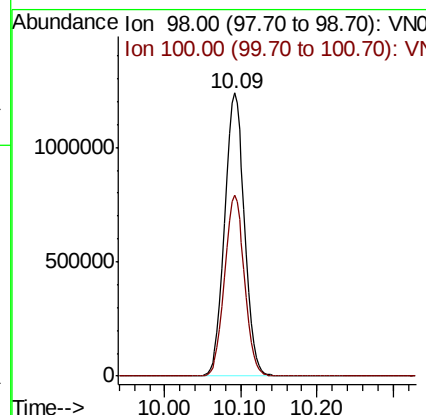
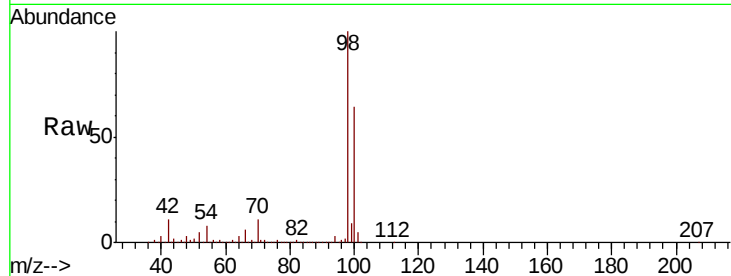
12.65

Tot Ion: 98 Resp: 2251499

Ion Ratio Lower Upper

98 100

100 63.9 51.3 76.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052650.D

Acq: 4 Dec 2018 13:20

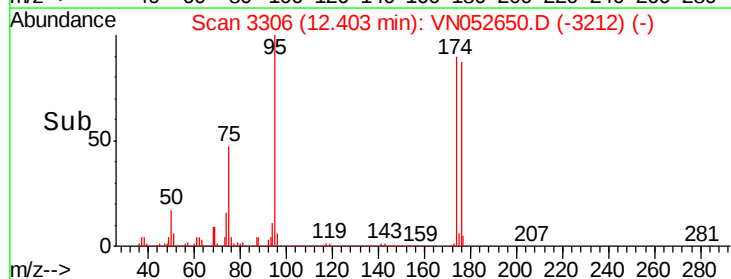
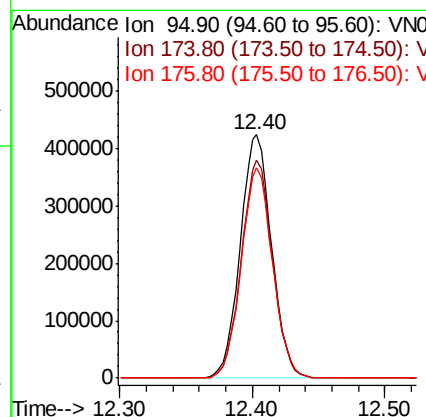
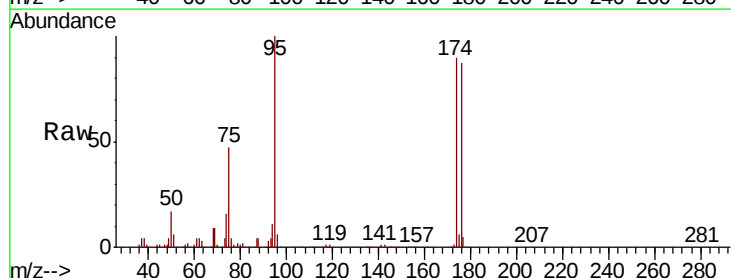
Tgt Ion: 95 Resp: 693194

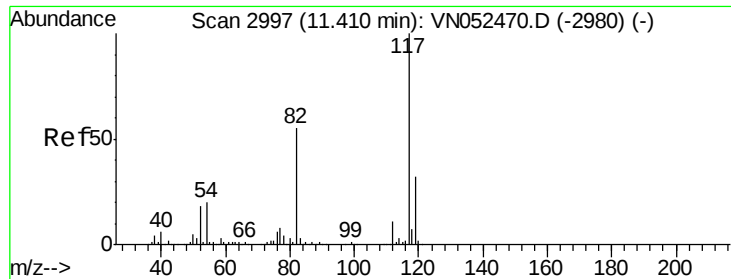
Ion Ratio Lower Upper

95 100

174 89.1 0.0 173.0

176 86.6 0.0 166.2

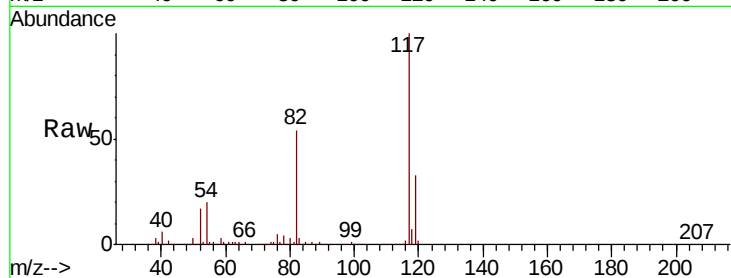




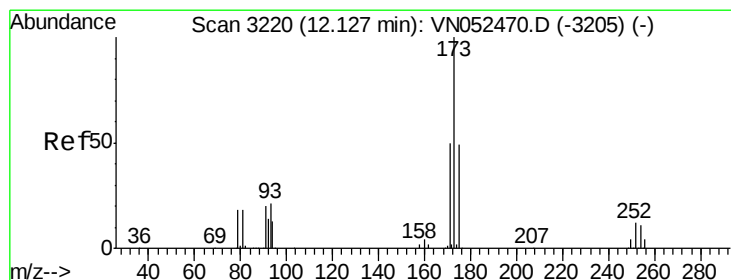
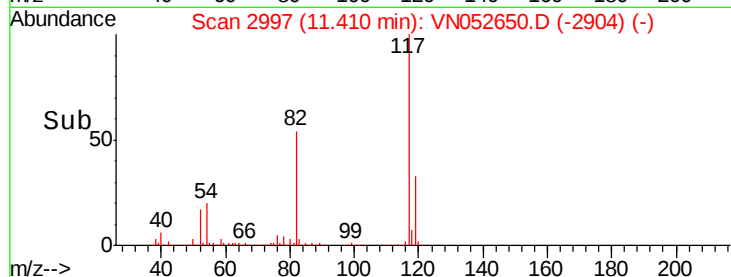
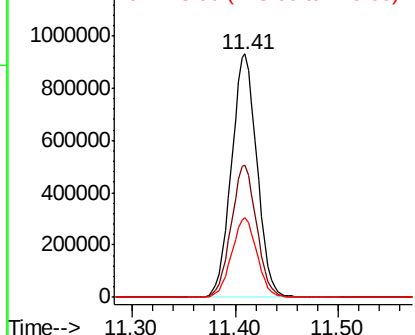
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052650.D
Acq: 4 Dec 2018 13:20

Instrument :
MSVOA_N
ClientSampleId :
12.65

Tot Ion:117 Resp: 1603267
Ion Ratio Lower Upper
117 100
82 54.2 43.6 65.4
119 32.5 25.4 38.2

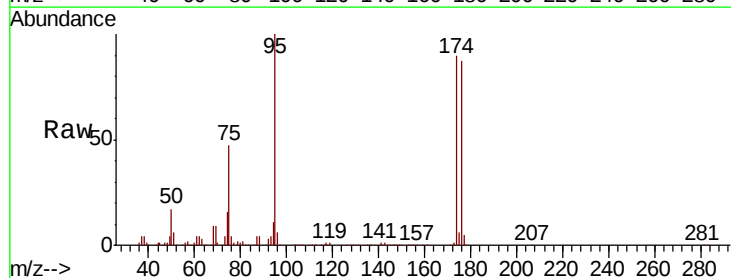


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

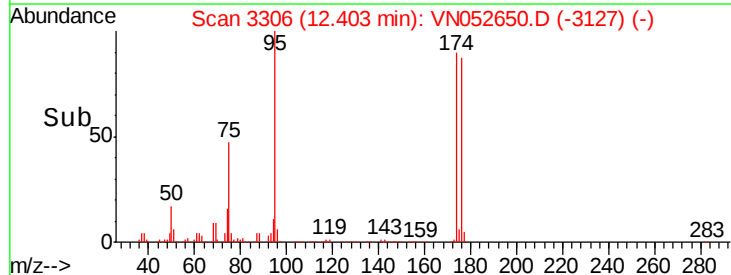
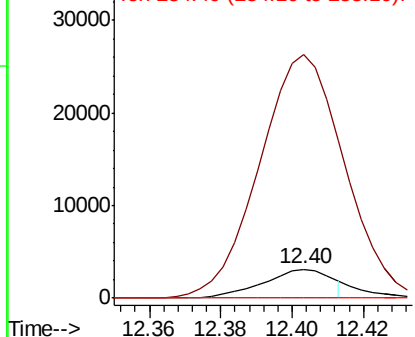


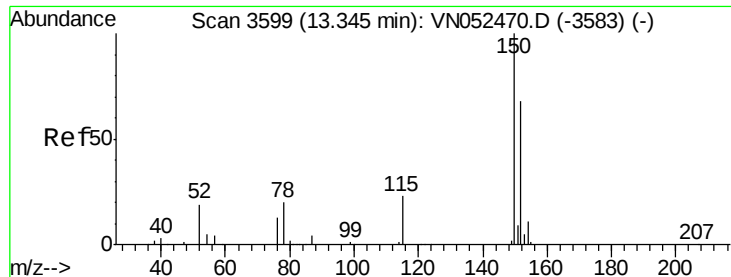
#71
Bromoform
Concen: 0.535 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN052650.D
Acq: 4 Dec 2018 13:20

Tgt Ion:173 Resp: 4069
Ion Ratio Lower Upper
173 100
175 909.3 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: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052650.D

Acq: 4 Dec 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

12.65

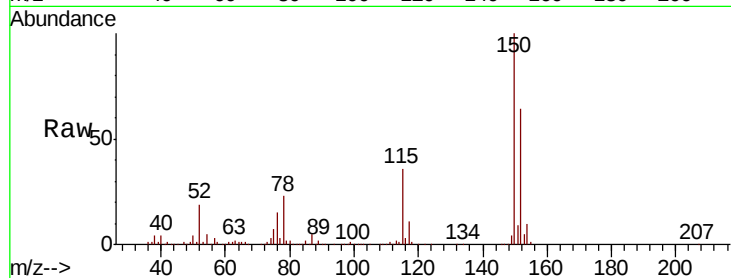
Tot Ion:152 Resp: 602783

Ion Ratio Lower Upper

152 100

115 56.0 28.4 85.2

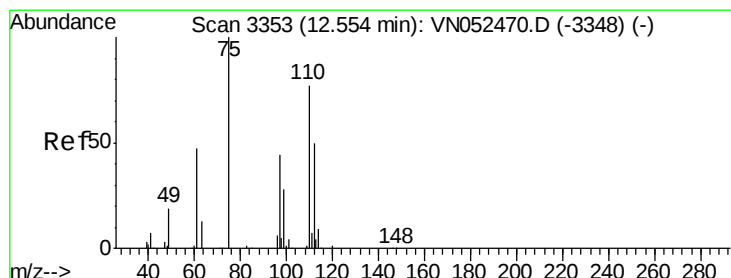
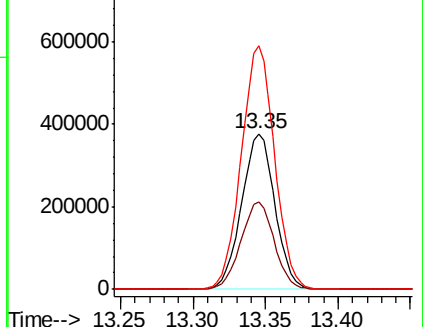
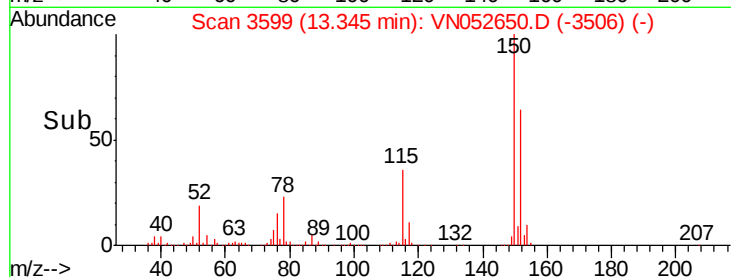
150 156.3 0.0 346.0



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: 35.942 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN052650.D

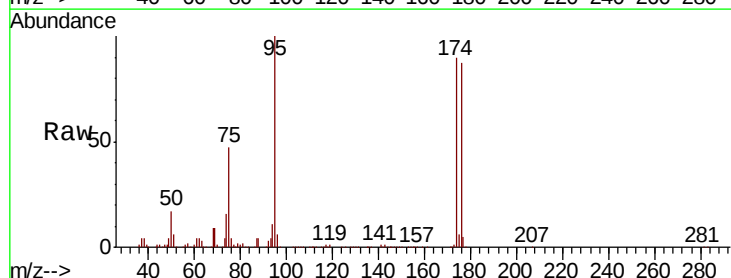
Acq: 4 Dec 2018 13:20

Tgt Ion: 75 Resp: 334092

Ion Ratio Lower Upper

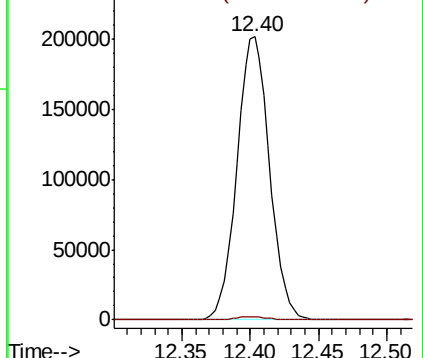
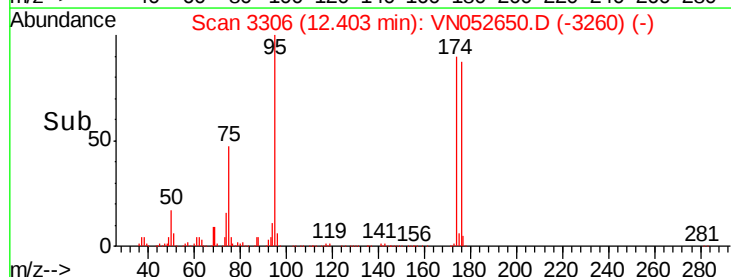
75 100

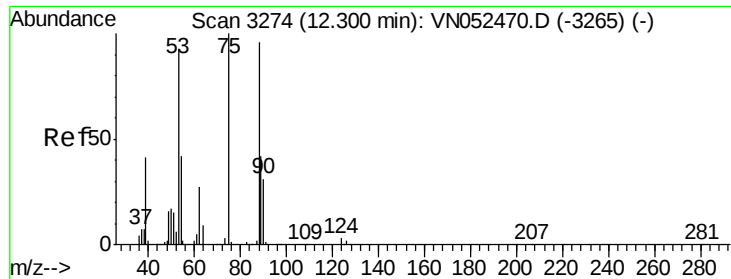
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

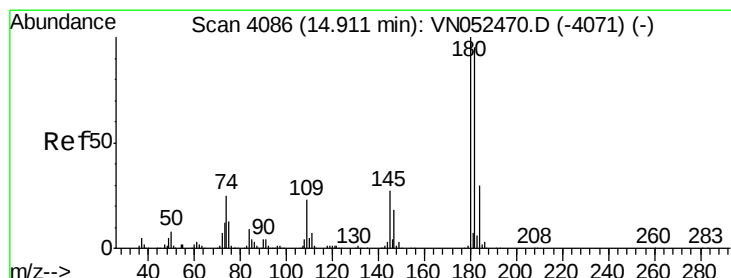
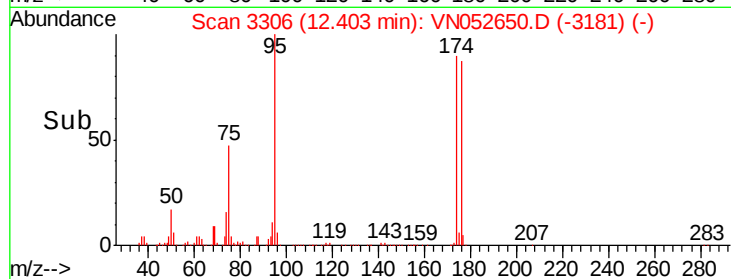
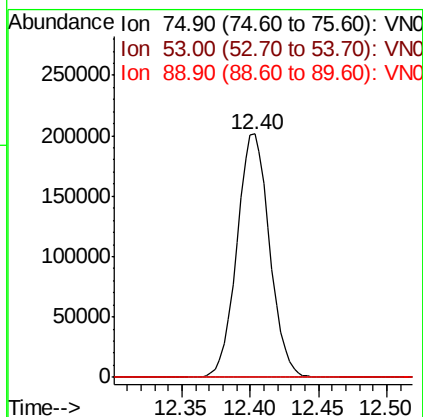
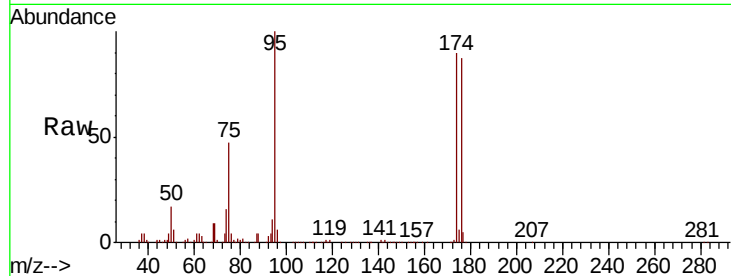




#81
trans-1,4-Dichloro-2-butene
Concen: 120.030 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN052650.D
Acq: 4 Dec 2018 13:20

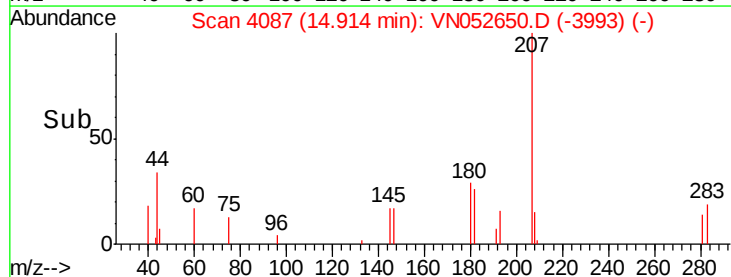
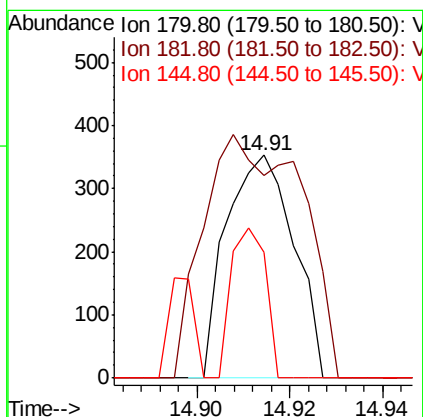
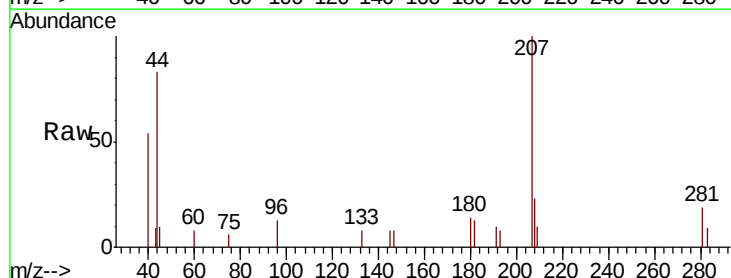
Instrument :
MSVOA_N
ClientSampled :
12.65

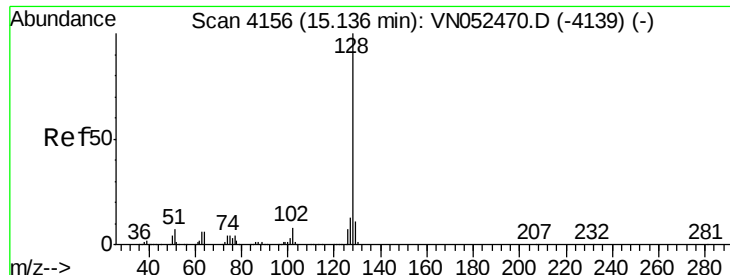
Tot Ion: 75 Resp: 334092
Ion Ratio Lower Upper
75 100
53 0.0 77.4 116.0#
89 0.0 35.4 53.2#



#93
1,2,4-Trichlorobenzene
Concen: 2.861 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.00 min
Lab File: VN052650.D
Acq: 4 Dec 2018 13:20

Tgt Ion: 180 Resp: 356
Ion Ratio Lower Upper
180 100
182 158.7 47.8 143.4#
145 34.6 14.1 42.3





#95

Naphthalene

Concen: 3.531 ug/l

RT: 15.14 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN052650.D

Acq: 4 Dec 2018 13:20

Instrument :

MSVOA_N

ClientSampleId :

12.65

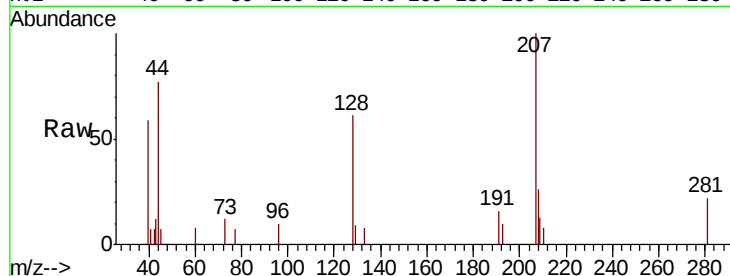
Tot Ion:128 Resp: 2498

Ion Ratio Lower Upper

128 100

127 1.2 10.2 15.2#

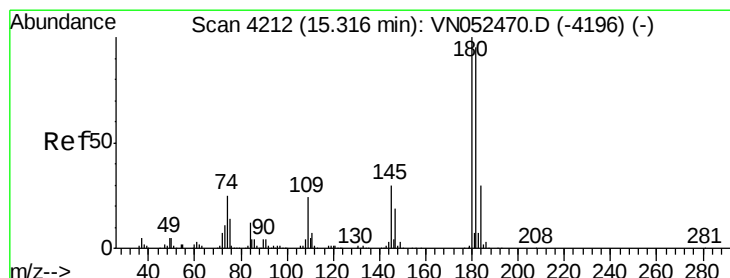
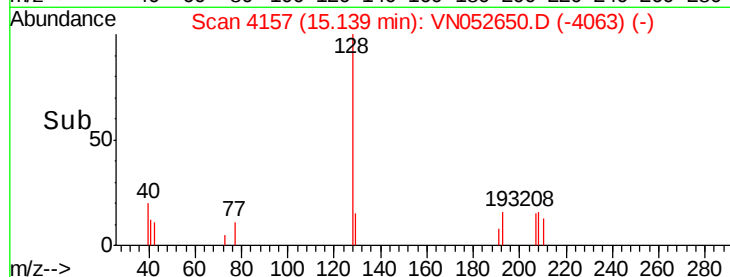
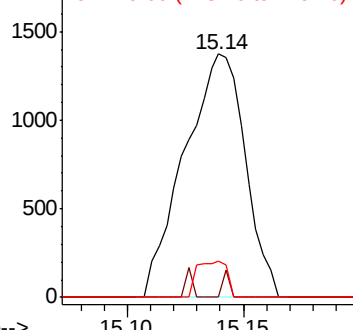
129 7.4 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 2.776 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN052650.D

Acq: 4 Dec 2018 13:20

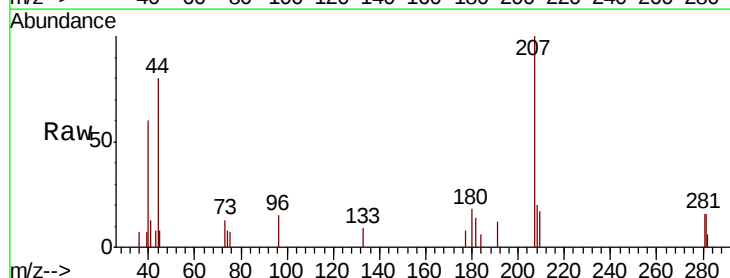
Tgt Ion:180 Resp: 514

Ion Ratio Lower Upper

180 100

182 125.1 47.8 143.3

145 0.0 15.2 45.5#



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

