

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN122718\
 Data File : VN053208.D
 Acq On : 27 Dec 2018 13:16
 Operator : MD\SY
 Sample : J6571-03 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 30061

Quant Time: Dec 28 01:27:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1183289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1810899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1706411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	740744	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	580090	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.59	113	505546	61.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.22%	
50) Toluene-d8	10.09	98	2249840	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.40	95	797574	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

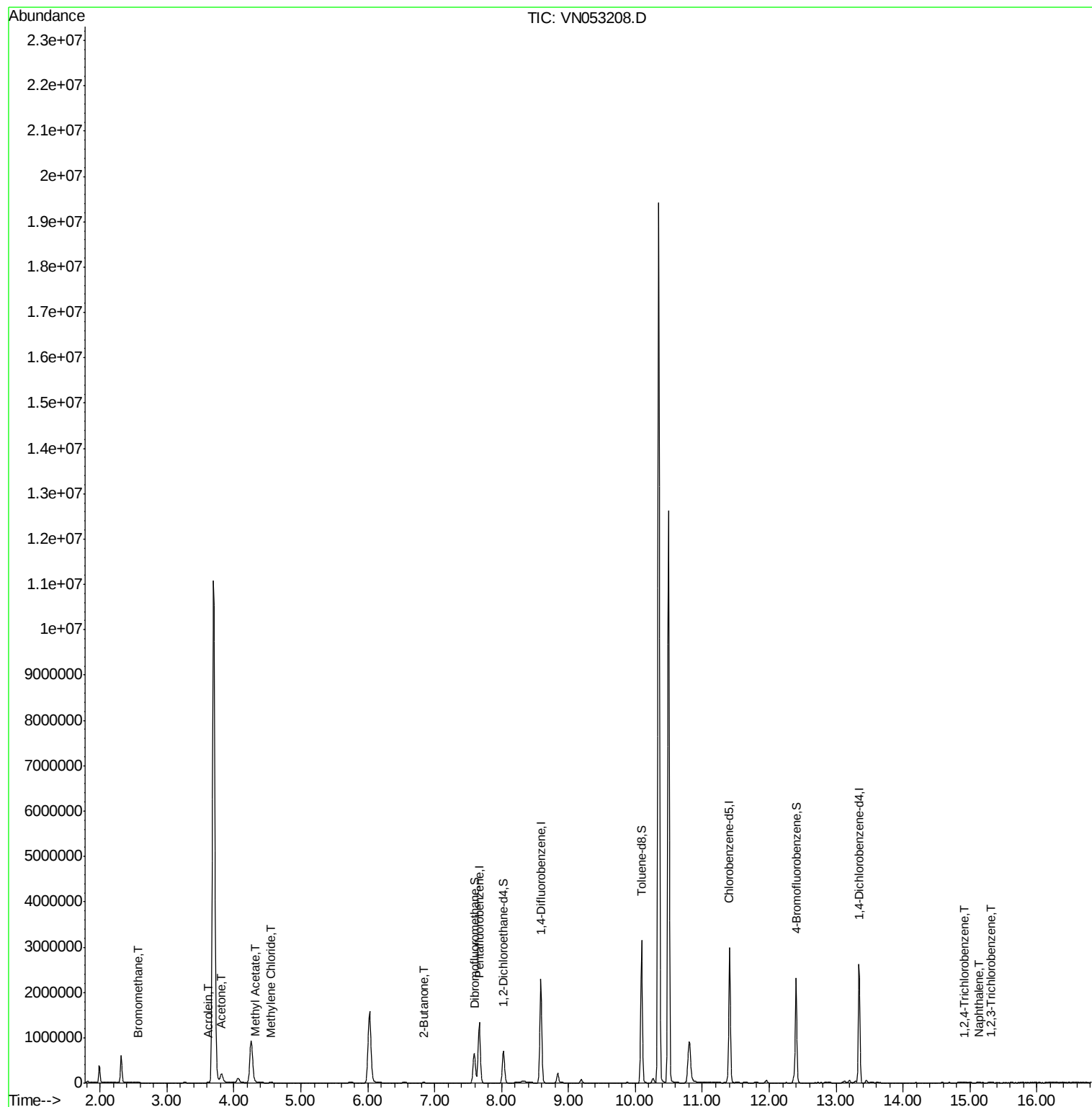
Target Compounds						Qvalue
5) Bromomethane	2.58	94	2533	0.249	ug/l	84
13) Acrolein	3.62	56	25199	37.930	ug/l	100
16) Acetone	3.81	43	278373	118.234	ug/l #	77
18) Methyl Acetate	4.33	43	3237	1.289	ug/l #	87
20) Methylene Chloride	4.56	84	6460	0.503	ug/l	95
25) 2-Butanone	6.84	43	14571	3.688	ug/l	94
93) 1,2,4-Trichlorobenzene	14.91	180	5544	1.008	ug/l	92
95) Naphthalene	15.13	128	14978	1.649	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	5674	0.977	ug/l	89

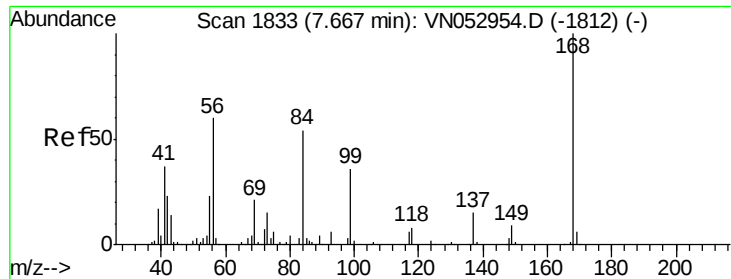
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN122718\
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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: VN053208.D

Acq: 27 Dec 2018 13:16

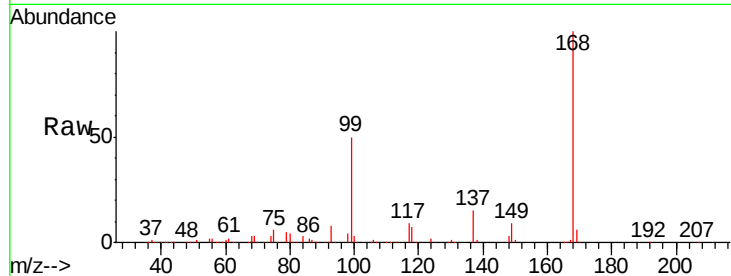
Instrument :
MSVOA_N
ClientSampled :
30061

Tgt Ion:168 Resp: 1183289

Ion Ratio Lower Upper

168 100

99 49.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

600000

500000

400000

300000

200000

100000

0

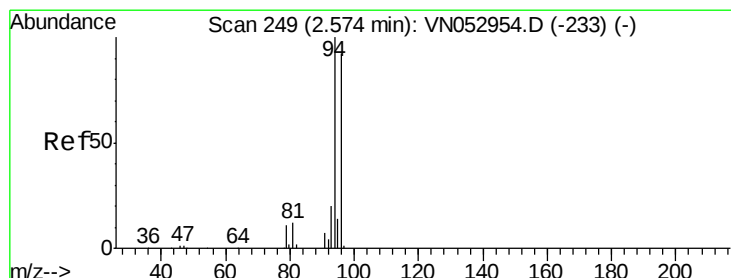
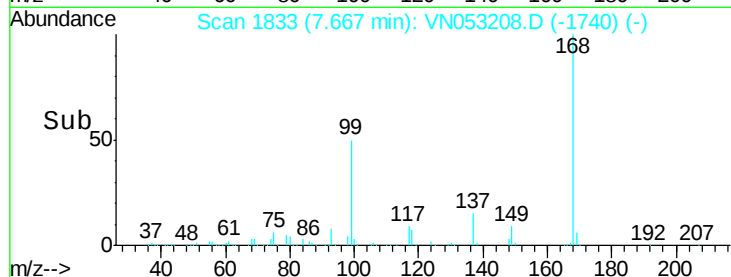
7.67

7.60

7.70

7.80

Time-->



#5

Bromomethane

Concen: 0.249 ug/l

RT: 2.58 min Scan# 251

Delta R.T. 0.01 min

Lab File: VN053208.D

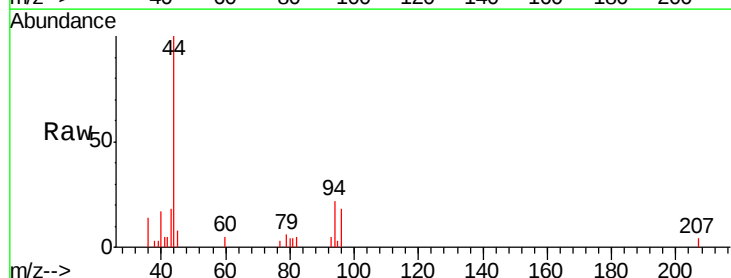
Acq: 27 Dec 2018 13:16

Tgt Ion: 94 Resp: 2533

Ion Ratio Lower Upper

94 100

96 78.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

1000

500

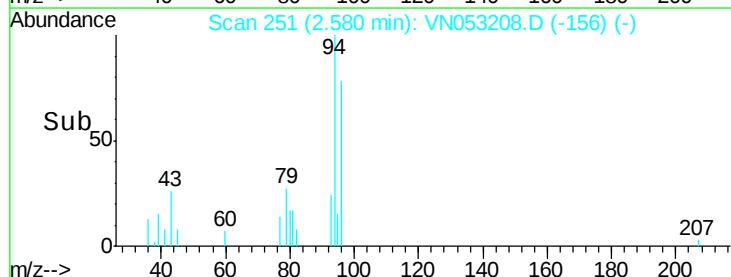
0

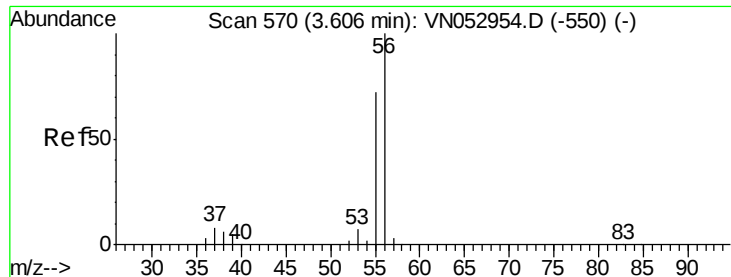
2.58

2.55

2.60

Time-->





#13

Acrolein

Concen: 37.930 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN053208.D

Acq: 27 Dec 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

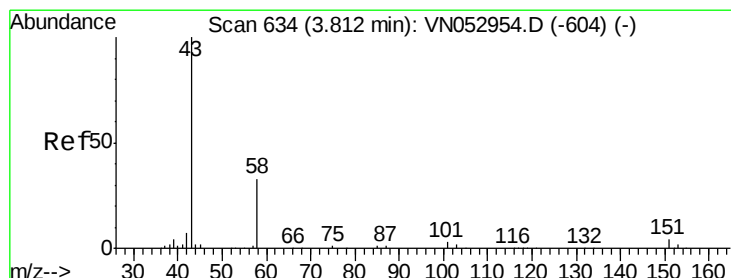
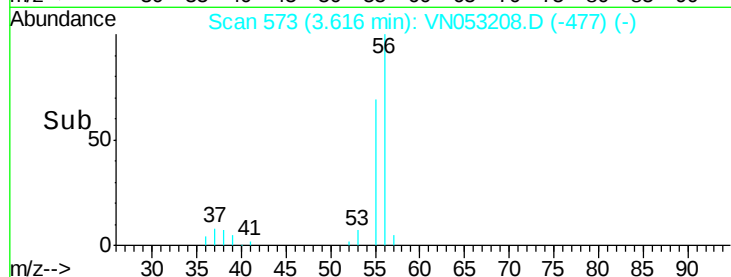
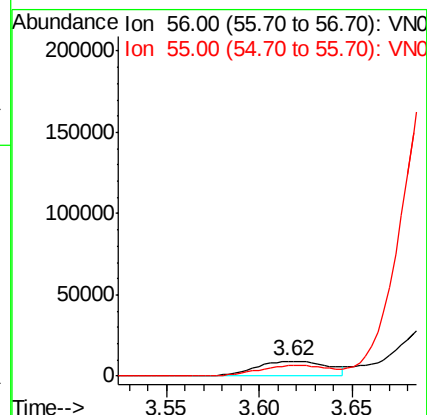
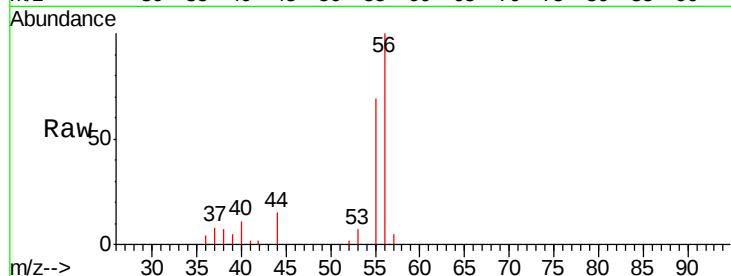
30061

Tgt Ion: 56 Resp: 25199

Ion Ratio Lower Upper

56 100

55 70.6 56.6 85.0



#16

Acetone

Concen: 118.234 ug/l

RT: 3.81 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053208.D

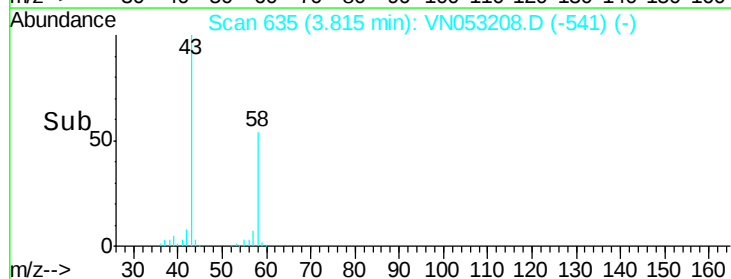
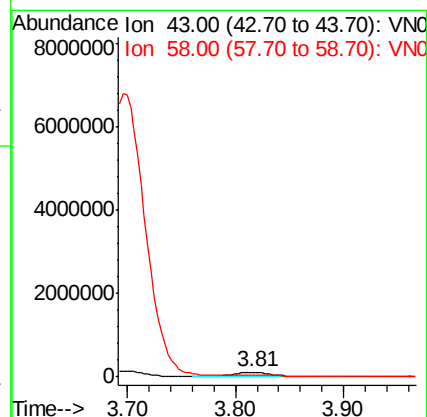
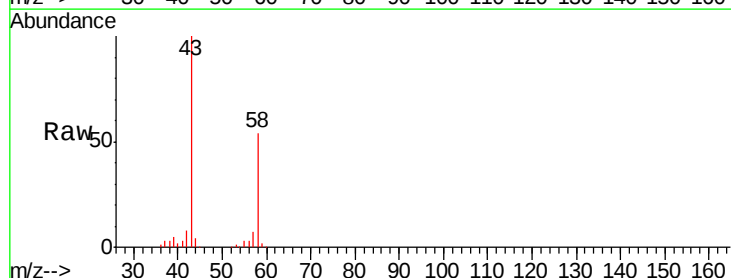
Acq: 27 Dec 2018 13:16

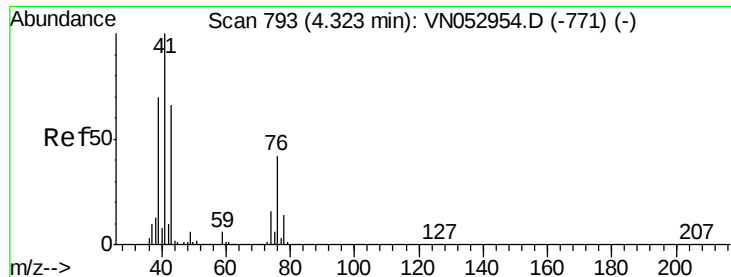
Tgt Ion: 43 Resp: 278373

Ion Ratio Lower Upper

43 100

58 44.7 25.4 38.0#

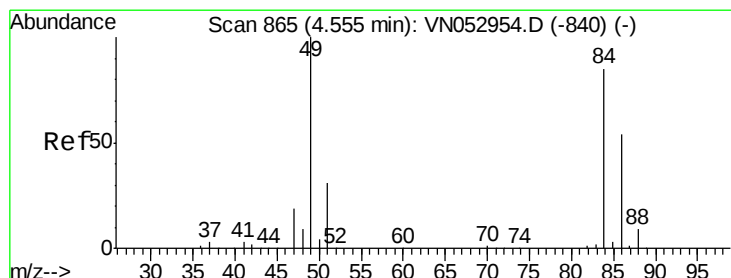
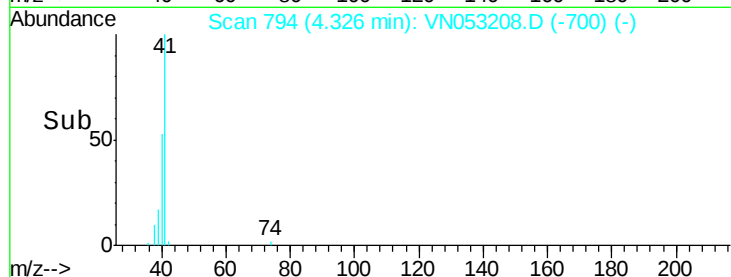
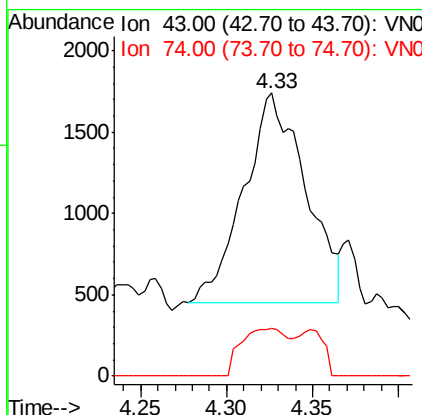
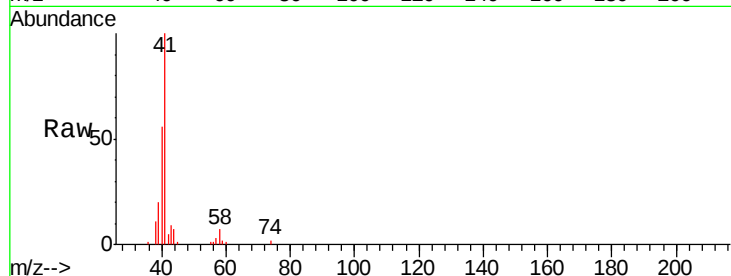




#18
Methyl Acetate
Concen: 1.289 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053208.D
Acq: 27 Dec 2018 13:16

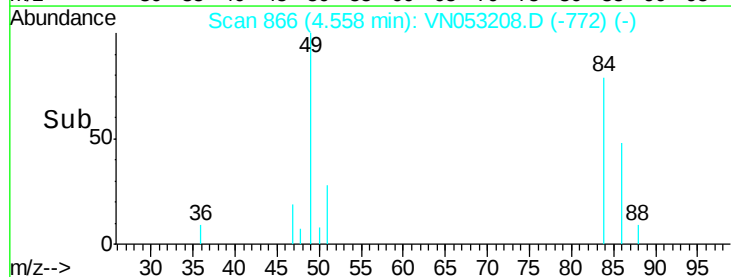
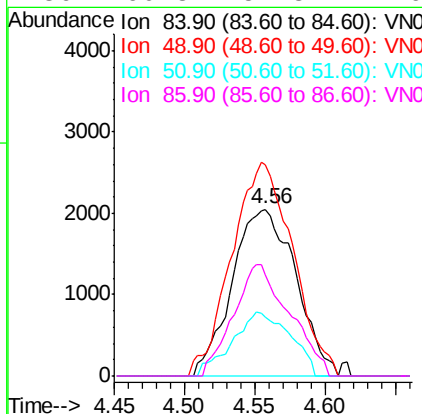
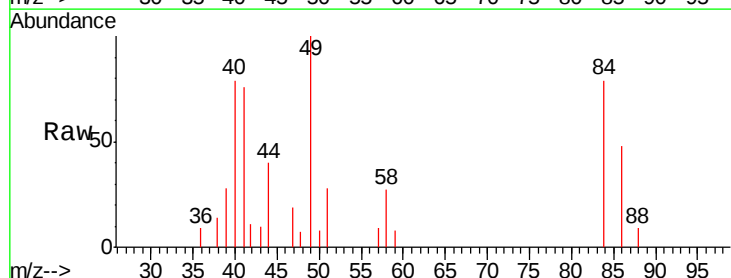
Instrument :
MSVOA_N
ClientSampleId :
30061

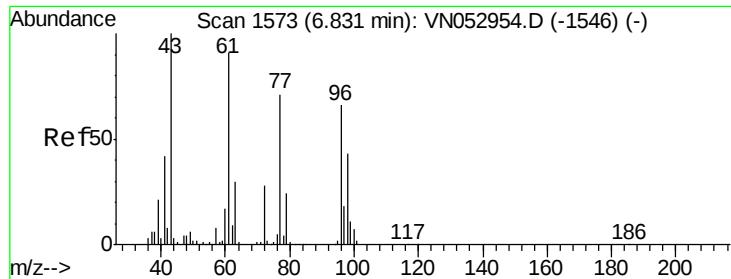
Tgt Ion: 43 Resp: 3237
Ion Ratio Lower Upper
43 100
74 17.8 19.2 28.8#



#20
Methylene Chloride
Concen: 0.503 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053208.D
Acq: 27 Dec 2018 13:16

Tgt Ion: 84 Resp: 6460
Ion Ratio Lower Upper
84 100
49 126.1 96.8 145.2
51 35.3 29.9 44.9
86 60.8 51.8 77.6

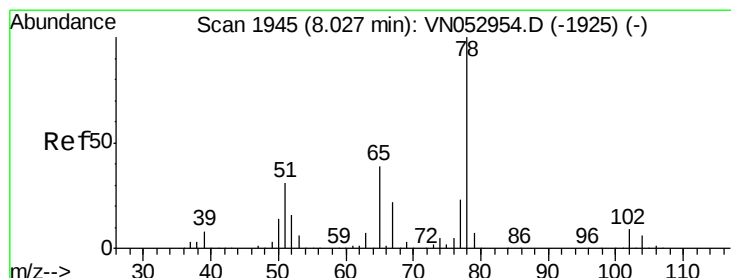
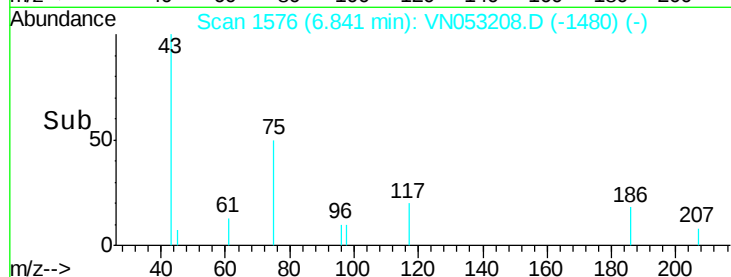
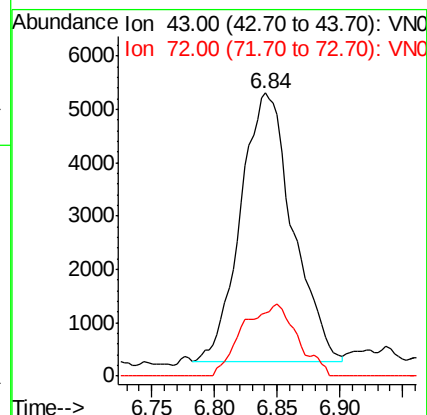
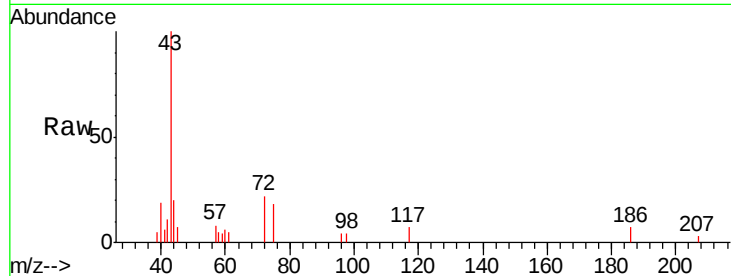




#25
2-Butanone
Concen: 3.688 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.01 min
Lab File: VN053208.D
Acq: 27 Dec 2018 13:16

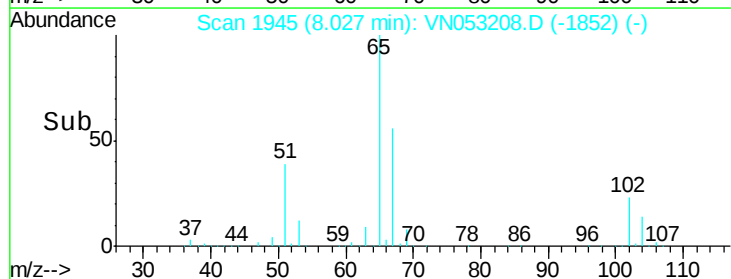
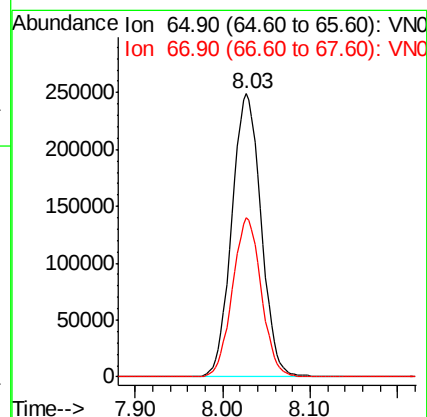
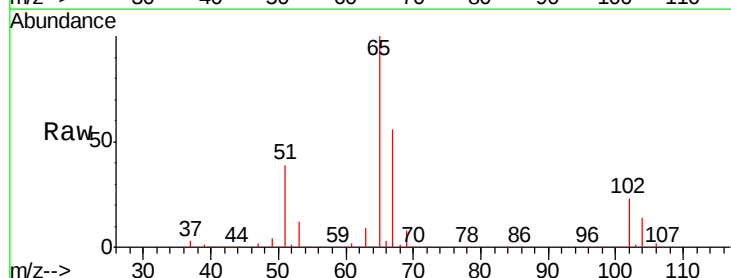
Instrument :
MSVOA_N
ClientSampled :
30061

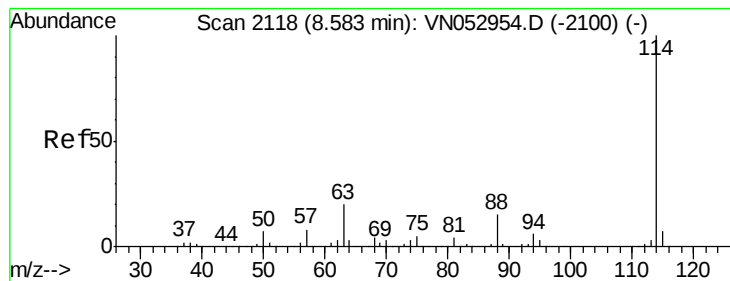
Tgt Ion: 43 Resp: 14571
Ion Ratio Lower Upper
43 100
72 23.4 21.0 31.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053208.D
Acq: 27 Dec 2018 13:16

Tgt Ion: 65 Resp: 580090
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053208.D

Acq: 27 Dec 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

30061

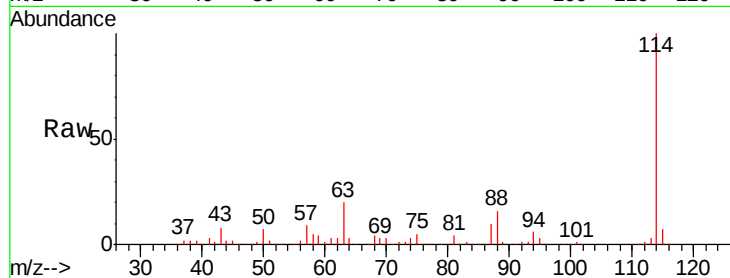
Tgt Ion:114 Resp: 1810899

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

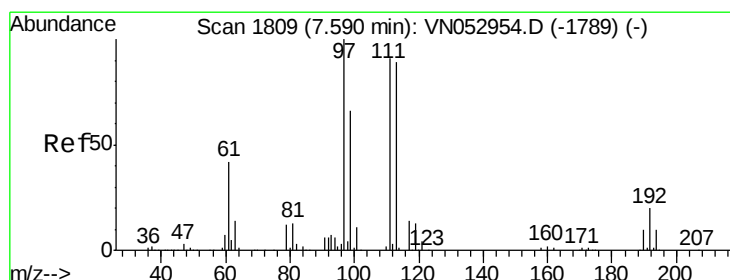
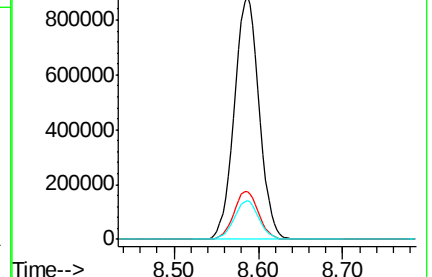
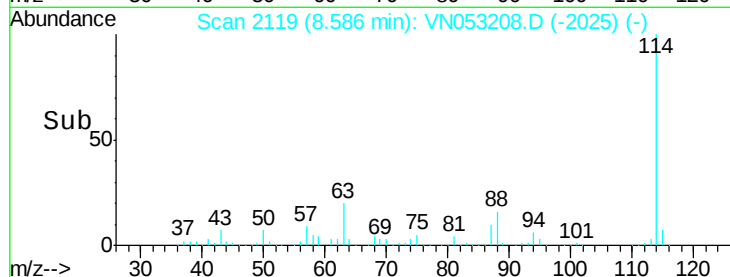
88 15.9 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053208.D

Acq: 27 Dec 2018 13:16

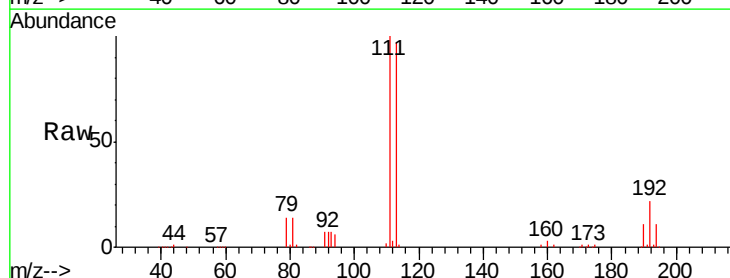
Tgt Ion:113 Resp: 505546

Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

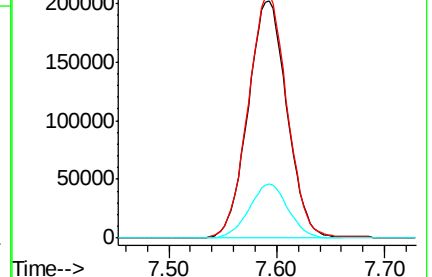
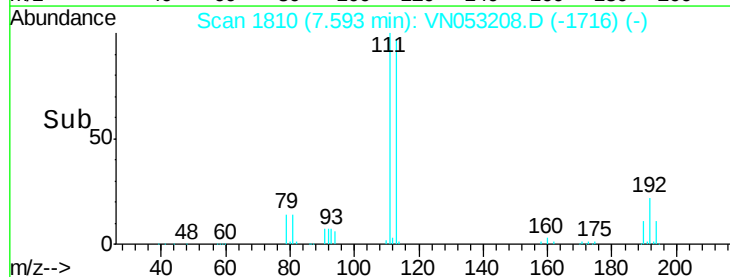
192 22.8 17.5 26.3

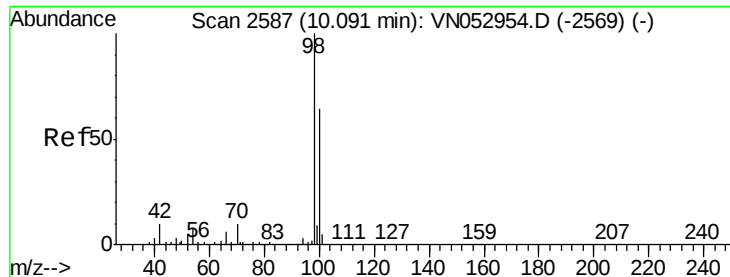


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053208.D

Acq: 27 Dec 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

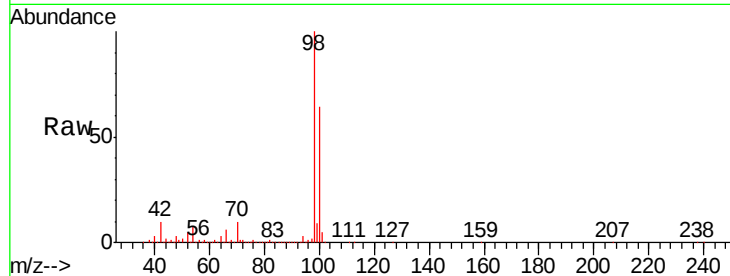
30061

Tgt Ion: 98 Resp: 2249840

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN053208.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053208.D (-2494) (-)

10.09

1500000

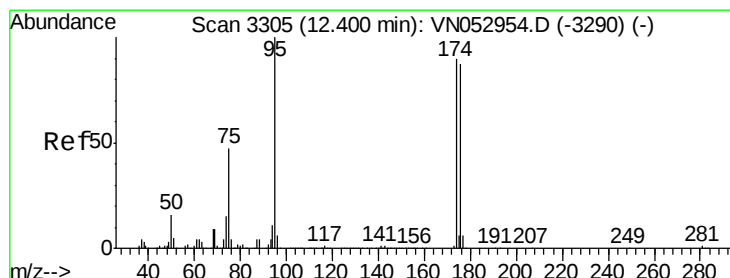
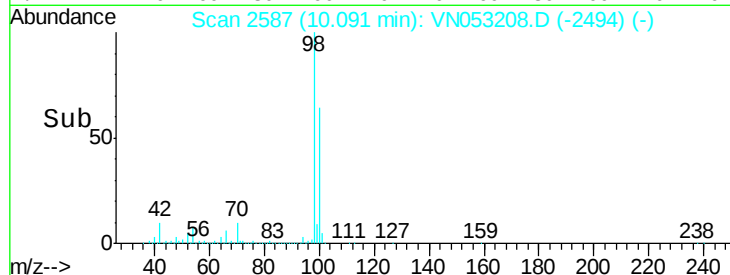
1000000

500000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053208.D

Acq: 27 Dec 2018 13:16

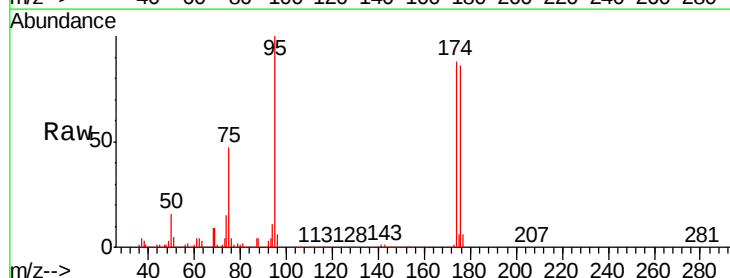
Tgt Ion: 95 Resp: 797574

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.8

176 87.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN053208.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053208.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053208.D (-3212) (-)

600000

500000

400000

300000

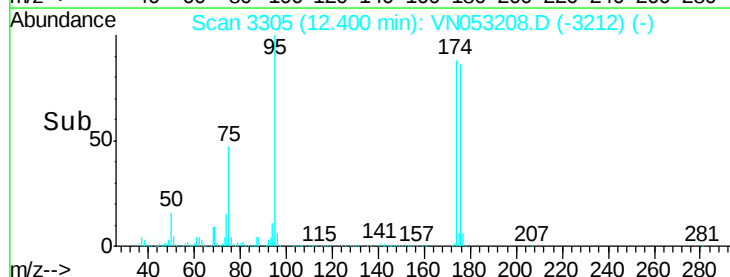
200000

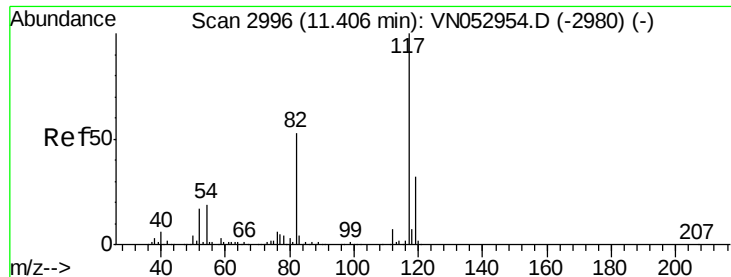
100000

0

Time-->

12.30 12.40 12.50

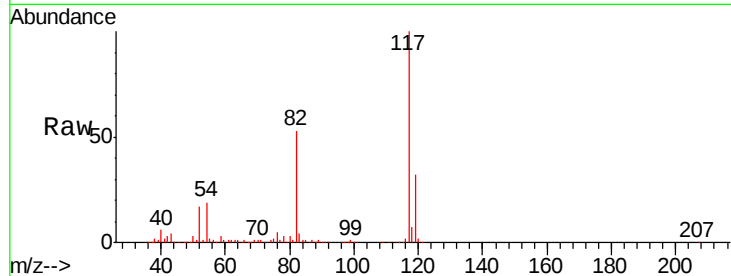




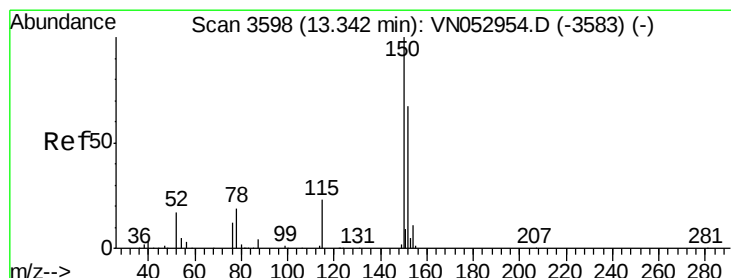
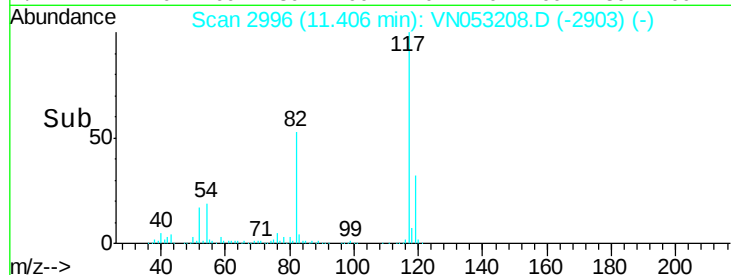
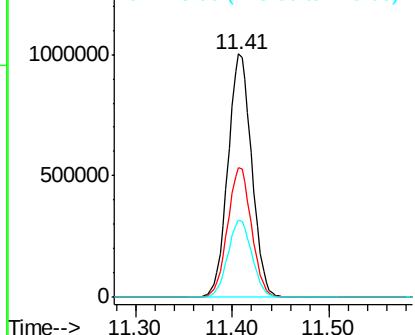
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053208.D
Acq: 27 Dec 2018 13:16

Instrument :
MSVOA_N
ClientSampleId :
30061

Tgt Ion:117 Resp: 1706411
Ion Ratio Lower Upper
117 100
82 53.4 42.8 64.2
119 31.9 25.5 38.3

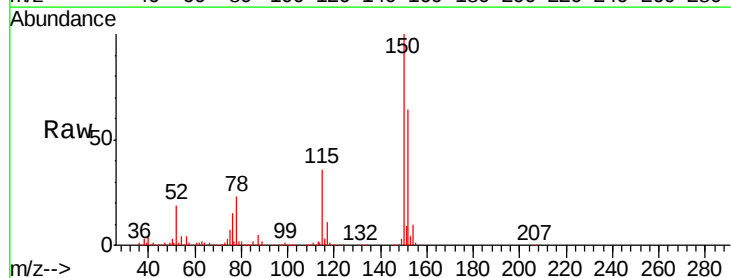


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

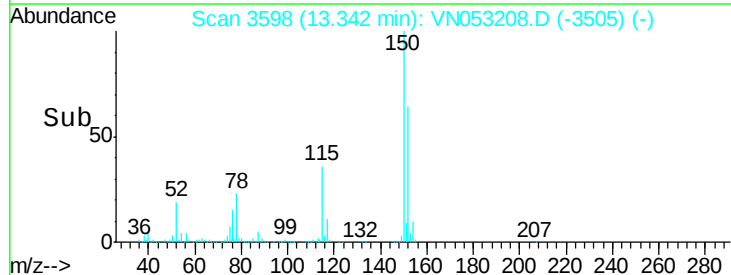
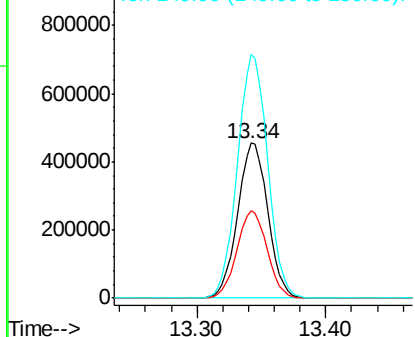


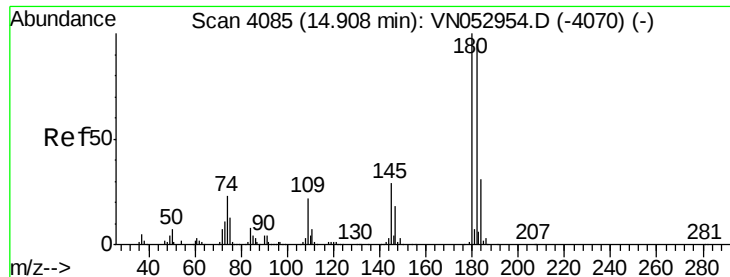
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053208.D
Acq: 27 Dec 2018 13:16

Tgt Ion:152 Resp: 740744
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 157.3 0.0 347.8



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

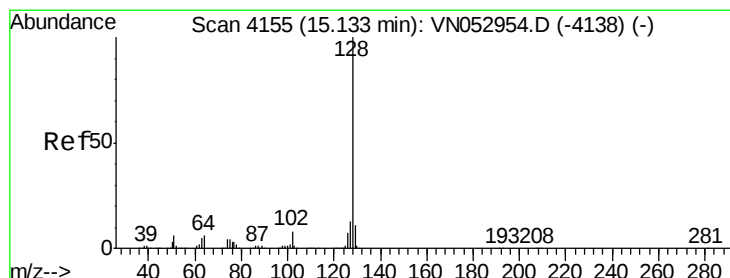
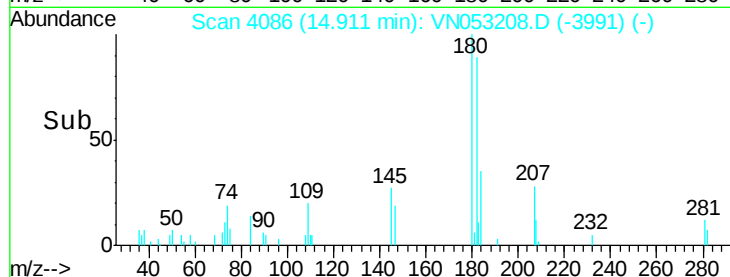
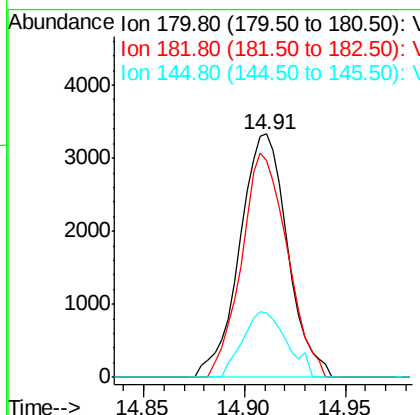
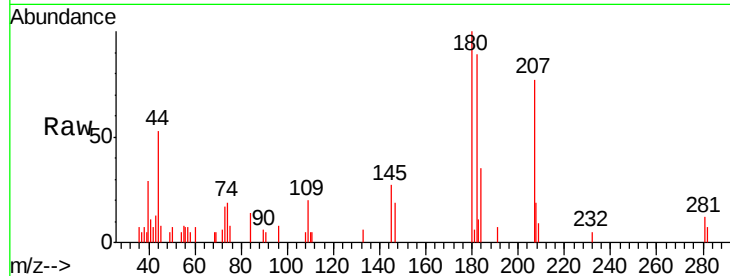




#93
 1,2,4-Trichlorobenzene
 Concen: 1.008 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053208.D
 Acq: 27 Dec 2018 13:16

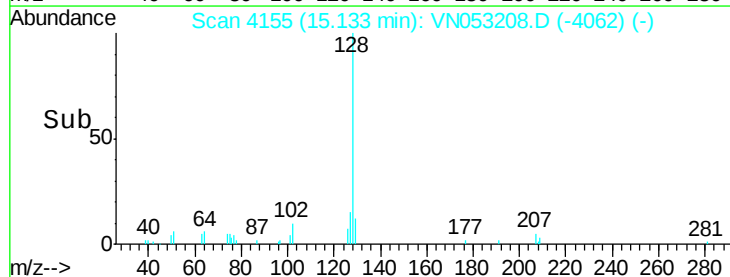
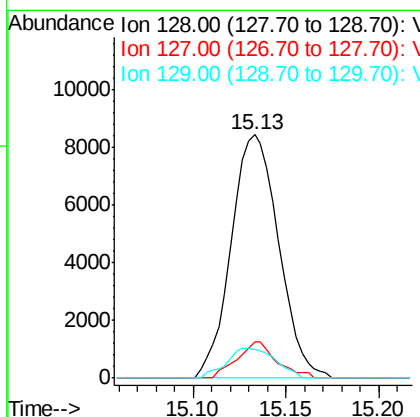
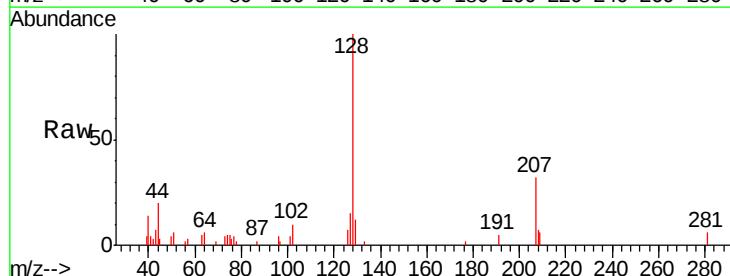
Instrument :
 MSVOA_N
 ClientSampled :
 30061

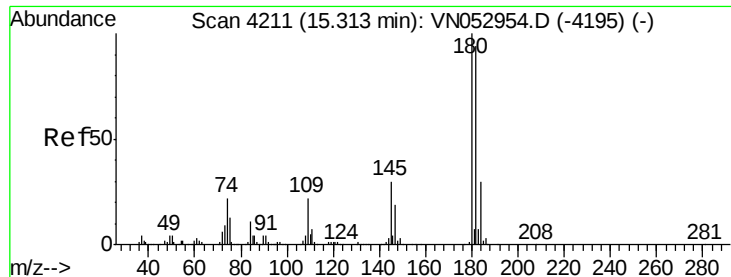
Tgt Ion:180 Resp: 5544
 Ion Ratio Lower Upper
 180 100
 182 87.9 47.8 143.3
 145 24.9 14.2 42.6



#95
 Naphthalene
 Concen: 1.649 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. -0.00 min
 Lab File: VN053208.D
 Acq: 27 Dec 2018 13:16

Tgt Ion:128 Resp: 14978
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.2 15.4
 129 12.6 8.6 13.0

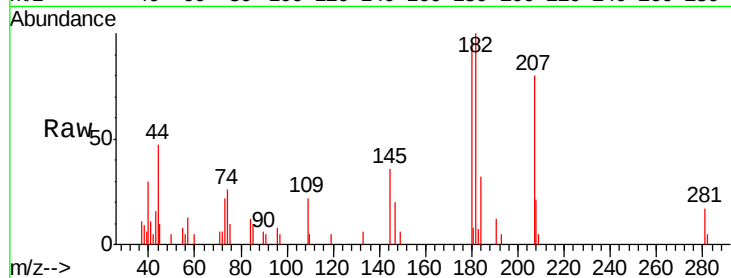




#96
 1,2,3-Trichlorobenzene
 Concen: 0.977 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. -0.00 min
 Lab File: VN053208.D
 Acq: 27 Dec 2018 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 30061

Tgt Ion	Ratio	Lower	Upper
180	100		
182	107.2	47.9	143.7
145	35.0	15.0	45.0



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

