

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080919\
 Data File : VN057156.D
 Acq On : 9 Aug 2019 19:11
 Operator : JC/SP
 Sample : K4290-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP-1

Quant Time: Aug 10 08:13:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

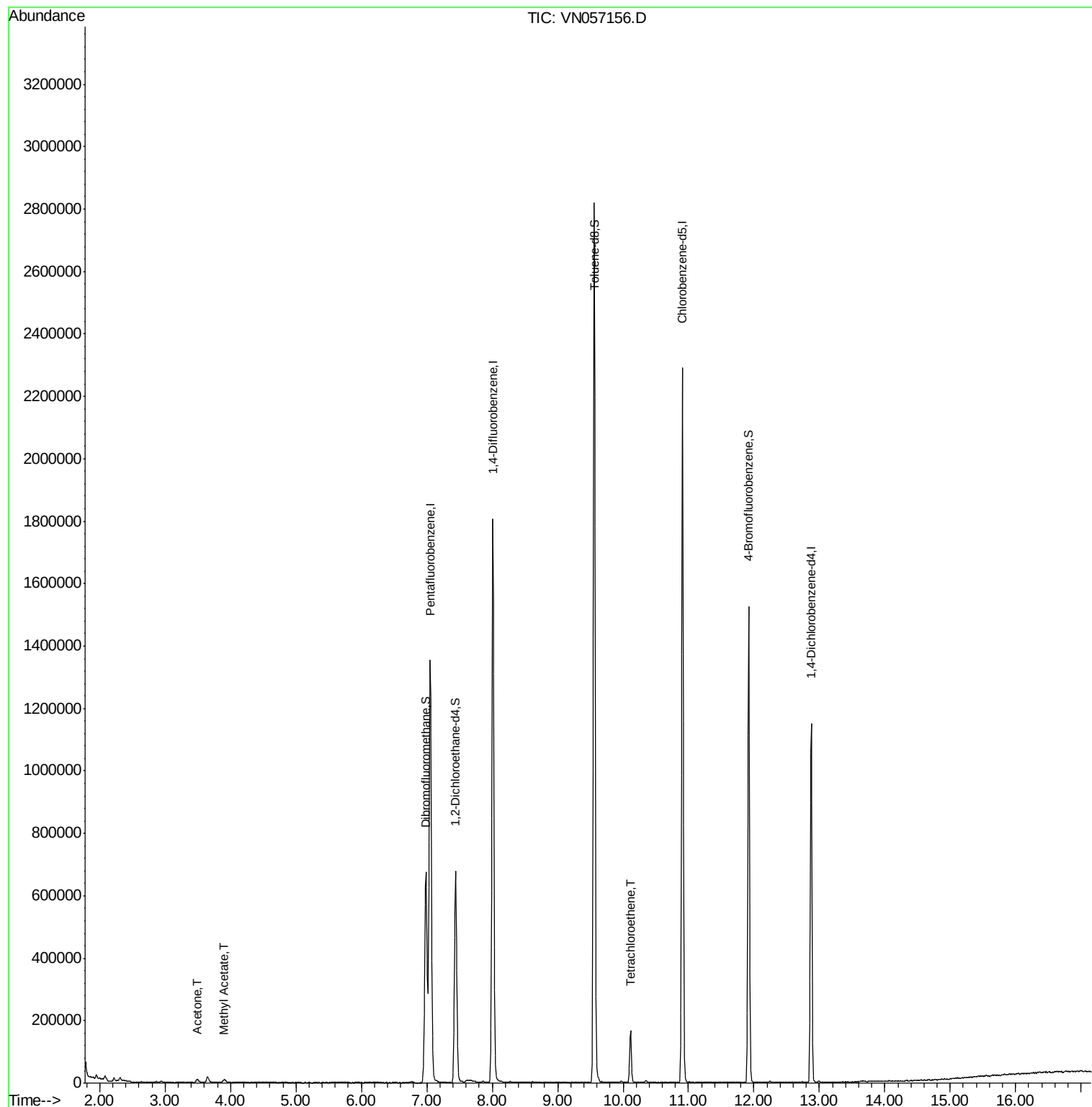
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1304531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1801737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1475736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	348536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	606240	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
35) Dibromofluoromethane	6.99	113	543427	48.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.12%	
50) Toluene-d8	9.56	98	2086852	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.92	95	529810	38.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.02%	
Target Compounds						
16) Acetone	3.48	43	14418	3.559	ug/l	99
18) Methyl Acetate	3.90	43	19093	0.937	ug/l #	76
64) Tetrachloroethene	10.11	164	43723	3.563	ug/l	94

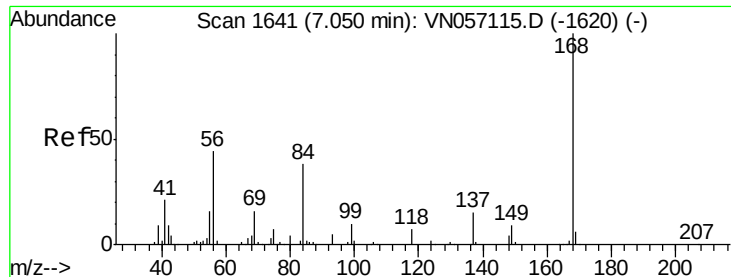
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057156.D

Acq: 9 Aug 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

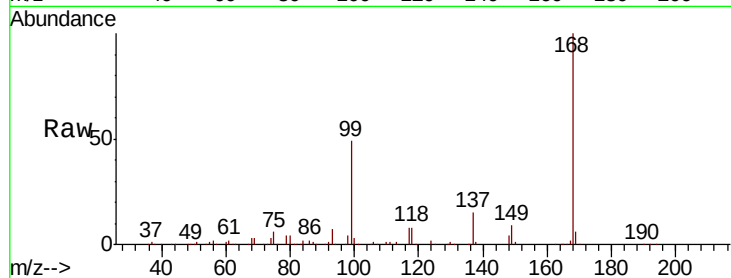
WP-1

Tot Ion:168 Resp: 1304531

Ion Ratio Lower Upper

168 100

99 48.5 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

600000

500000

400000

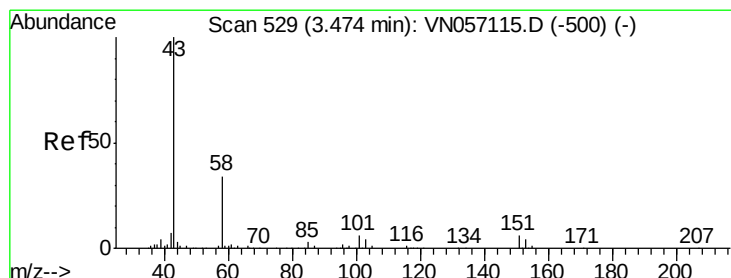
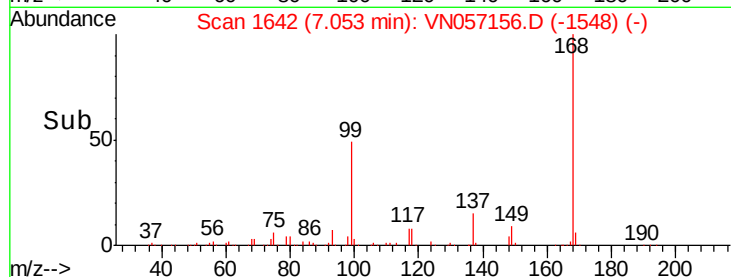
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 3.559 ug/l

RT: 3.48 min Scan# 531

Delta R.T. 0.01 min

Lab File: VN057156.D

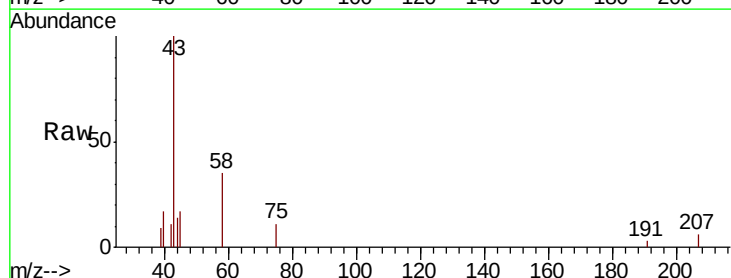
Acq: 9 Aug 2019 19:11

Tgt Ion: 43 Resp: 14418

Ion Ratio Lower Upper

43 100

58 35.1 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057115.D (-500) (-)

Ion 58.00 (57.70 to 58.70): VN057115.D (-500) (-)

3.48

6000

5000

4000

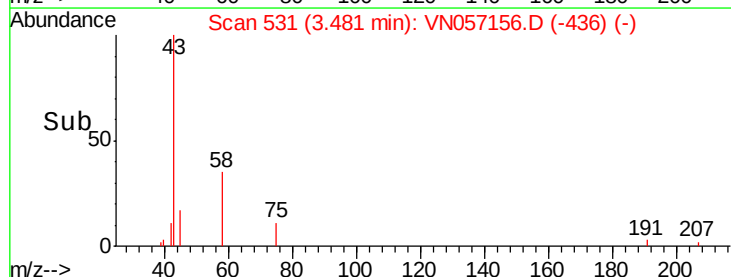
3000

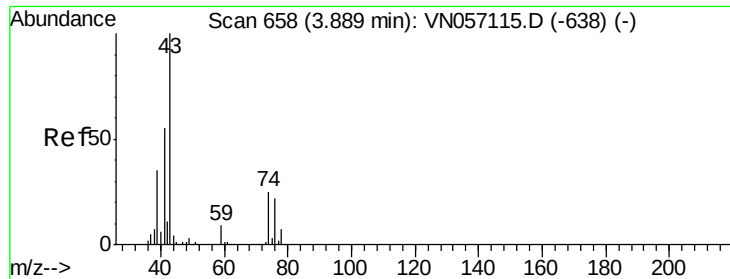
2000

1000

0

Time--> 3.40 3.45 3.50 3.55

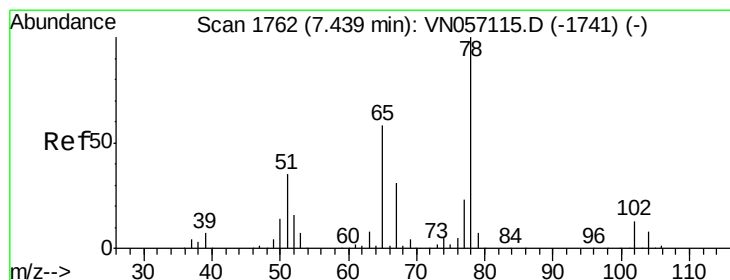
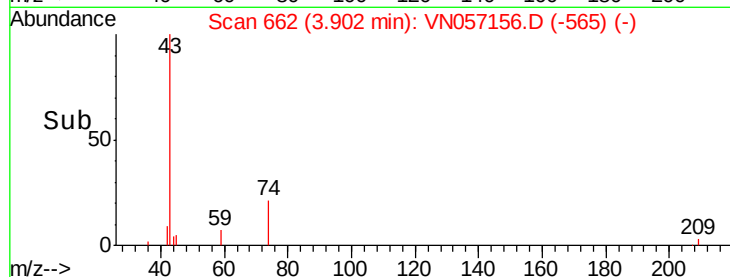
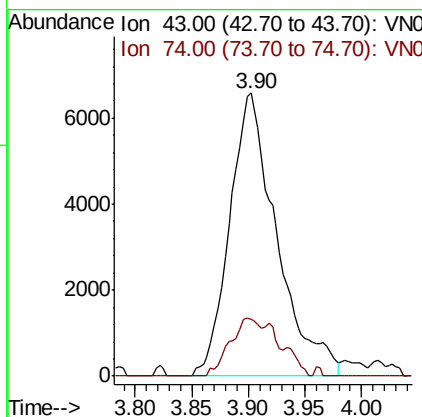
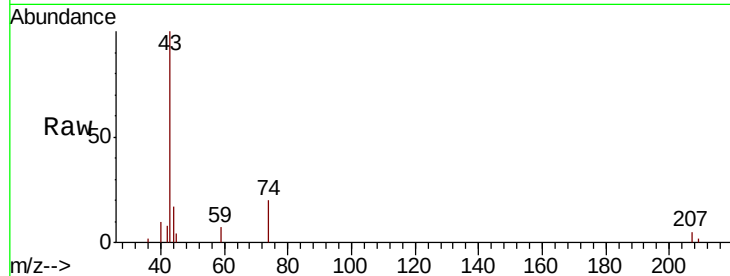




#18
Methvl Acetate
Concen: 0.937 ug/l
RT: 3.90 min Scan# 662
Delta R.T. 0.01 min
Lab File: VN057156.D
Acq: 9 Aug 2019 19:11

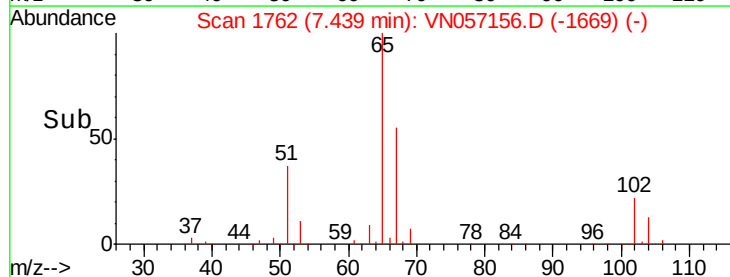
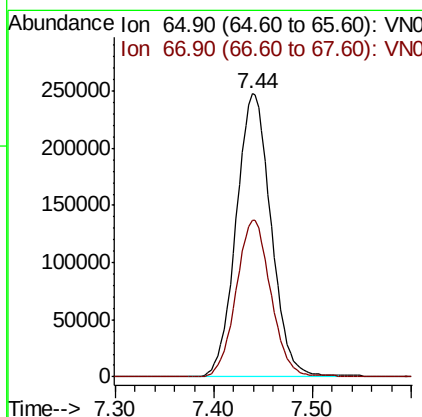
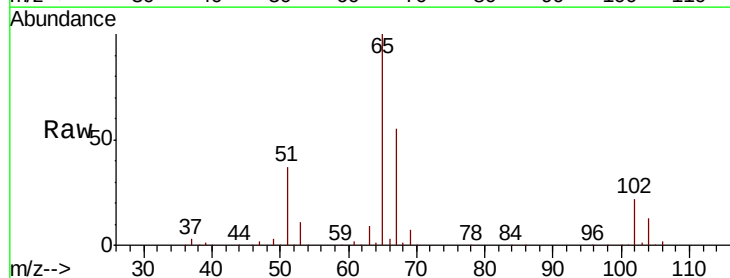
Instrument :
MSVOA_N
ClientSampleId :
WP-1

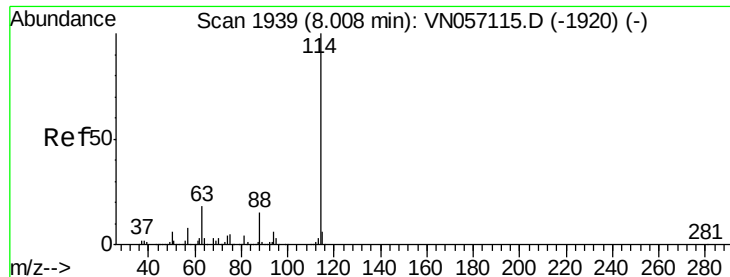
Tot Ion: 43 Resp: 19093
Ion Ratio Lower Upper
43 100
74 13.1 20.2 30.4#



#33
1,2-Dichloroethane-d4
Concen: 45.187 ug/l
RT: 7.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VN057156.D
Acq: 9 Aug 2019 19:11

Tgt Ion: 65 Resp: 606240
Ion Ratio Lower Upper
65 100
67 54.8 0.0 108.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN057156.D

Acq: 9 Aug 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

WP-1

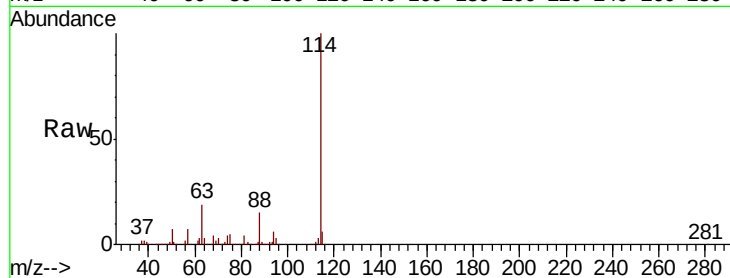
Tot Ion:114 Resp: 1801737

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.2

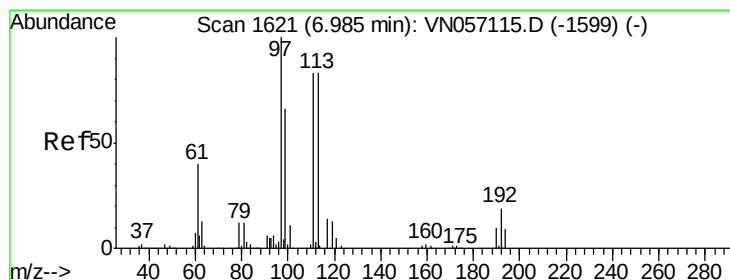
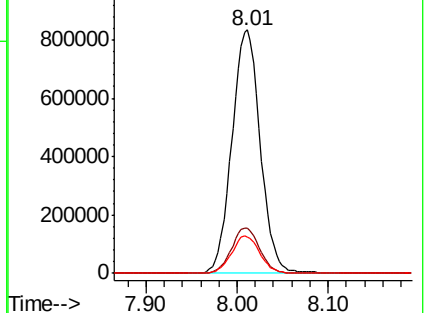
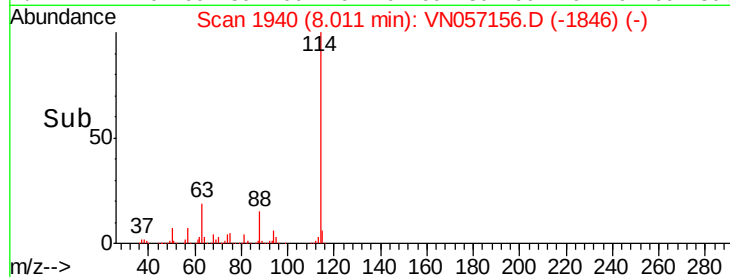
88 14.9 0.0 30.0



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: 48.065 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VN057156.D

Acq: 9 Aug 2019 19:11

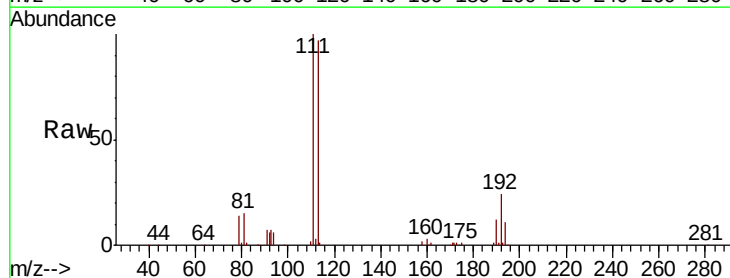
Tgt Ion:113 Resp: 543427

Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

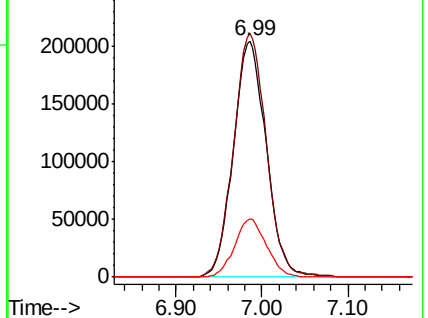
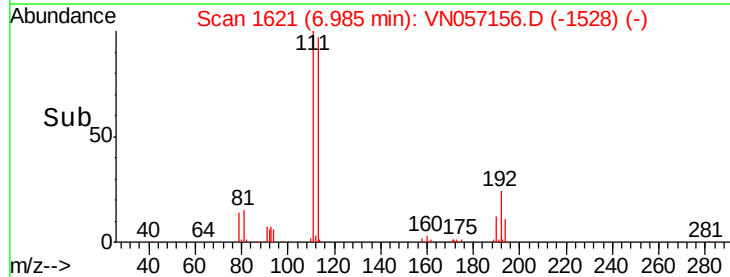
192 24.0 19.0 28.4

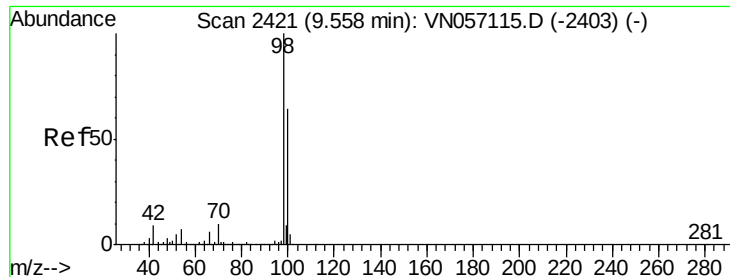


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

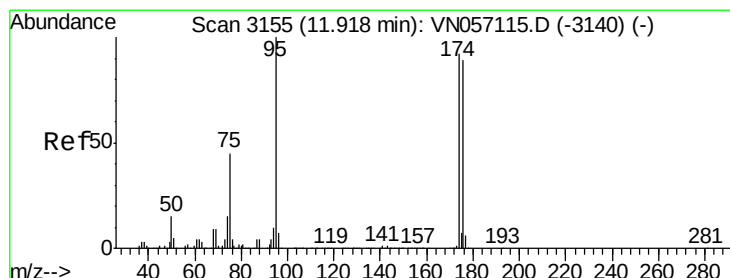
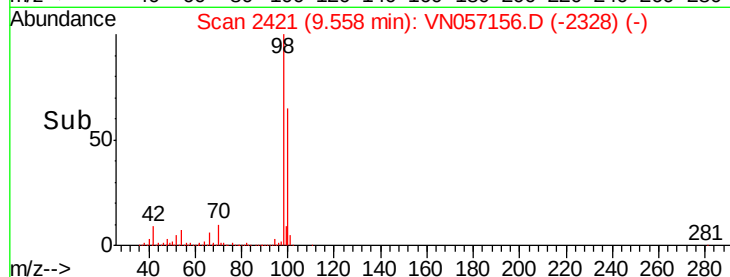
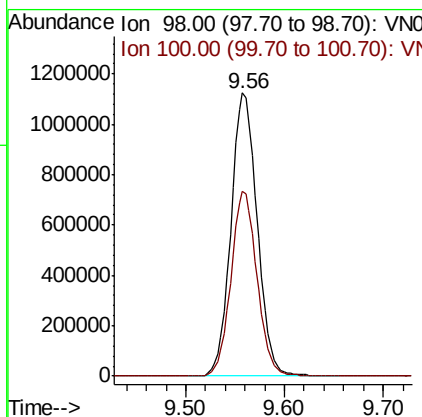
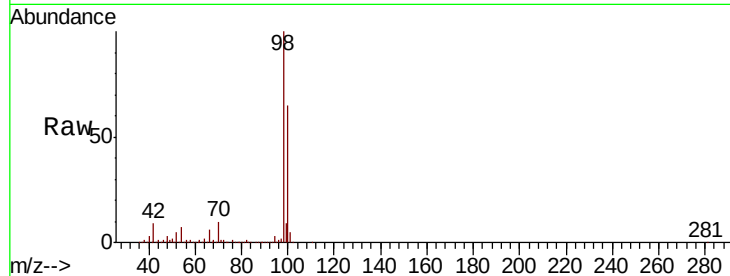




#50
Toluene-d8
Concen: 48.245 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. 0.00 min
Lab File: VN057156.D
Acq: 9 Aug 2019 19:11

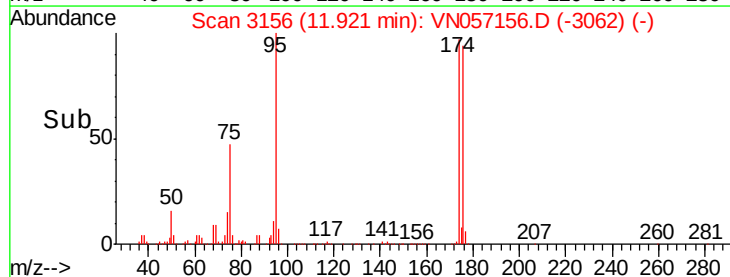
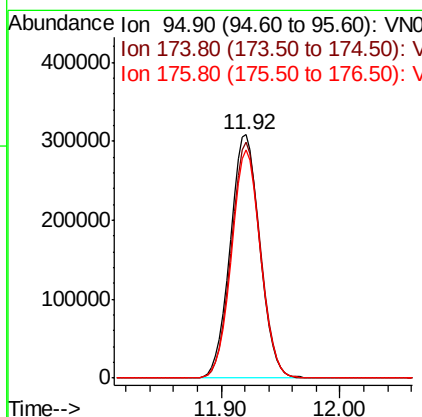
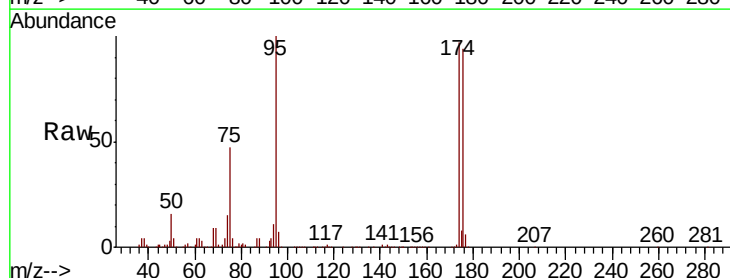
Instrument :
MSVOA_N
ClientSampleId :
WP-1

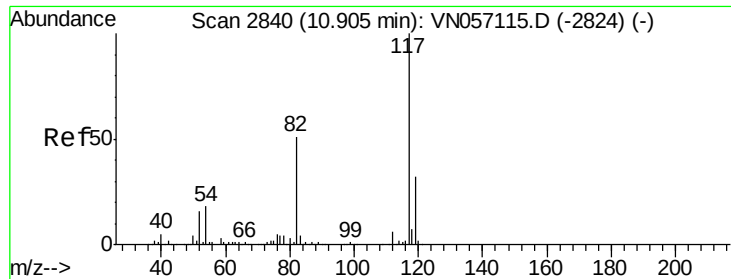
Tot Ion: 98 Resp: 2086852
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 38.014 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057156.D
Acq: 9 Aug 2019 19:11

Tgt Ion: 95 Resp: 529810
Ion Ratio Lower Upper
95 100
174 95.8 0.0 185.0
176 92.1 0.0 181.2

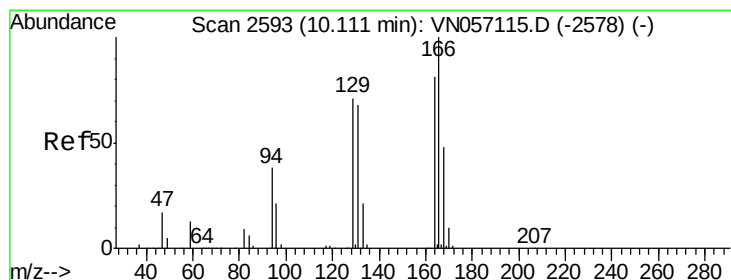
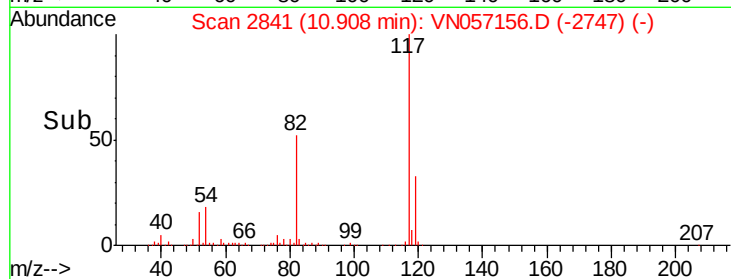
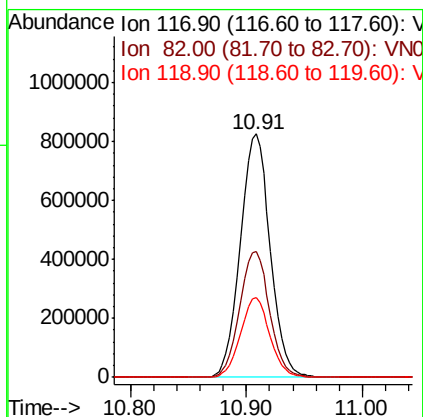
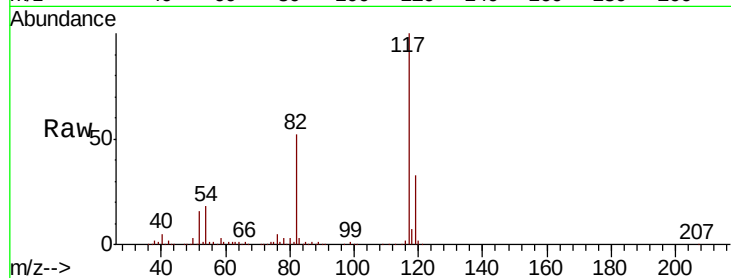




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057156.D
Acq: 9 Aug 2019 19:11

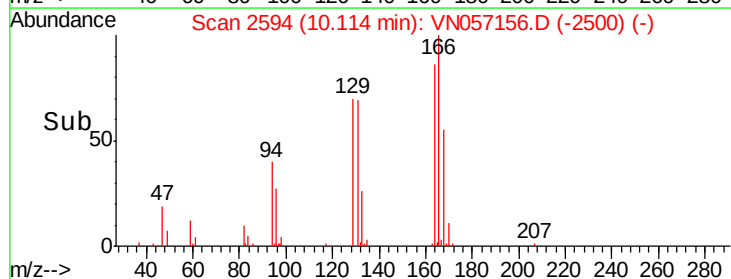
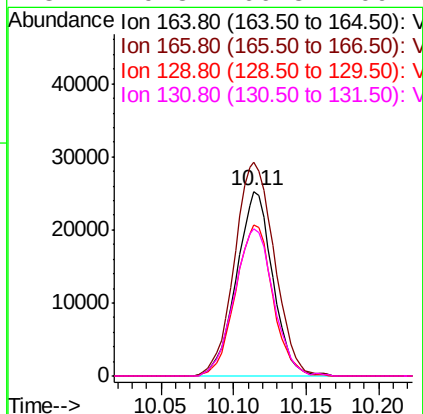
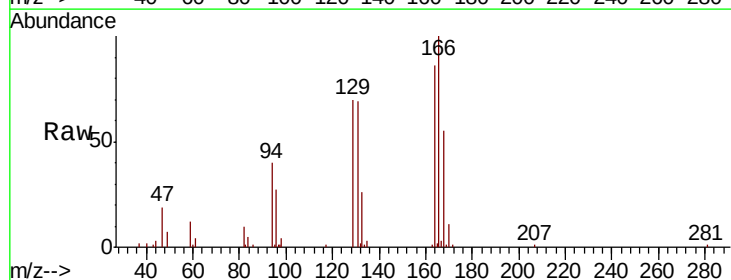
Instrument :
MSVOA_N
ClientSampled :
WP-1

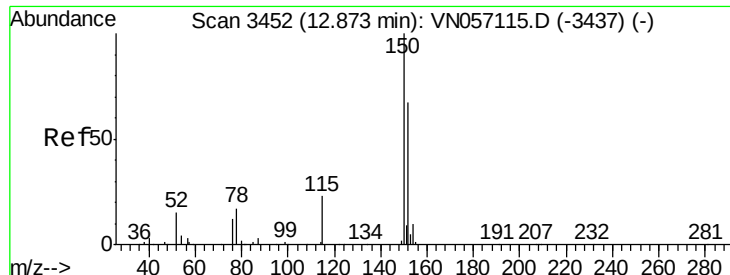
Tot Ion:117 Resp: 1475736
Ion Ratio Lower Upper
117 100
82 51.5 40.8 61.2
119 32.6 25.7 38.5



#64
Tetrachloroethene
Concen: 3.563 ug/l
RT: 10.11 min Scan# 2594
Delta R.T. 0.00 min
Lab File: VN057156.D
Acq: 9 Aug 2019 19:11

Tgt Ion:164 Resp: 43723
Ion Ratio Lower Upper
164 100
166 115.7 98.3 147.5
129 81.5 69.8 104.6
131 79.8 66.8 100.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.88 min Scan# 3453

Delta R.T. 0.00 min

Lab File: VN057156.D

Acq: 9 Aug 2019 19:11

Instrument :

MSVOA_N

ClientSampleId :

WP-1

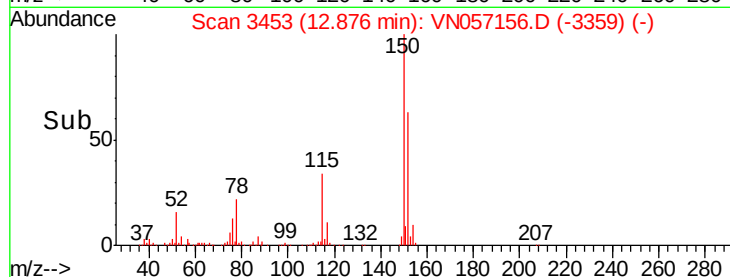
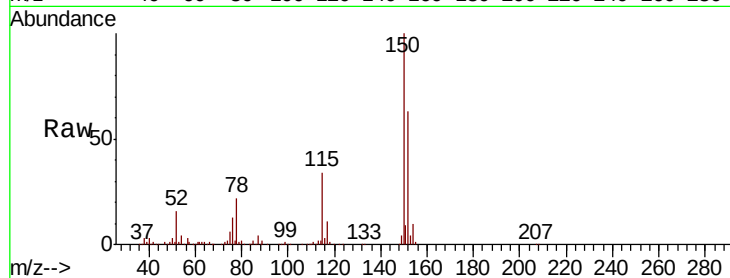
Tot Ion:152 Resp: 348536

Ion Ratio Lower Upper

152 100

115 55.2 27.5 82.5

150 158.7 0.0 341.6



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

