

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081219\
 Data File : VN057224.D
 Acq On : 12 Aug 2019 18:52
 Operator : JC/SP
 Sample : K4229-23
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2S-C3-(0)

Quant Time: Aug 13 03:08:39 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

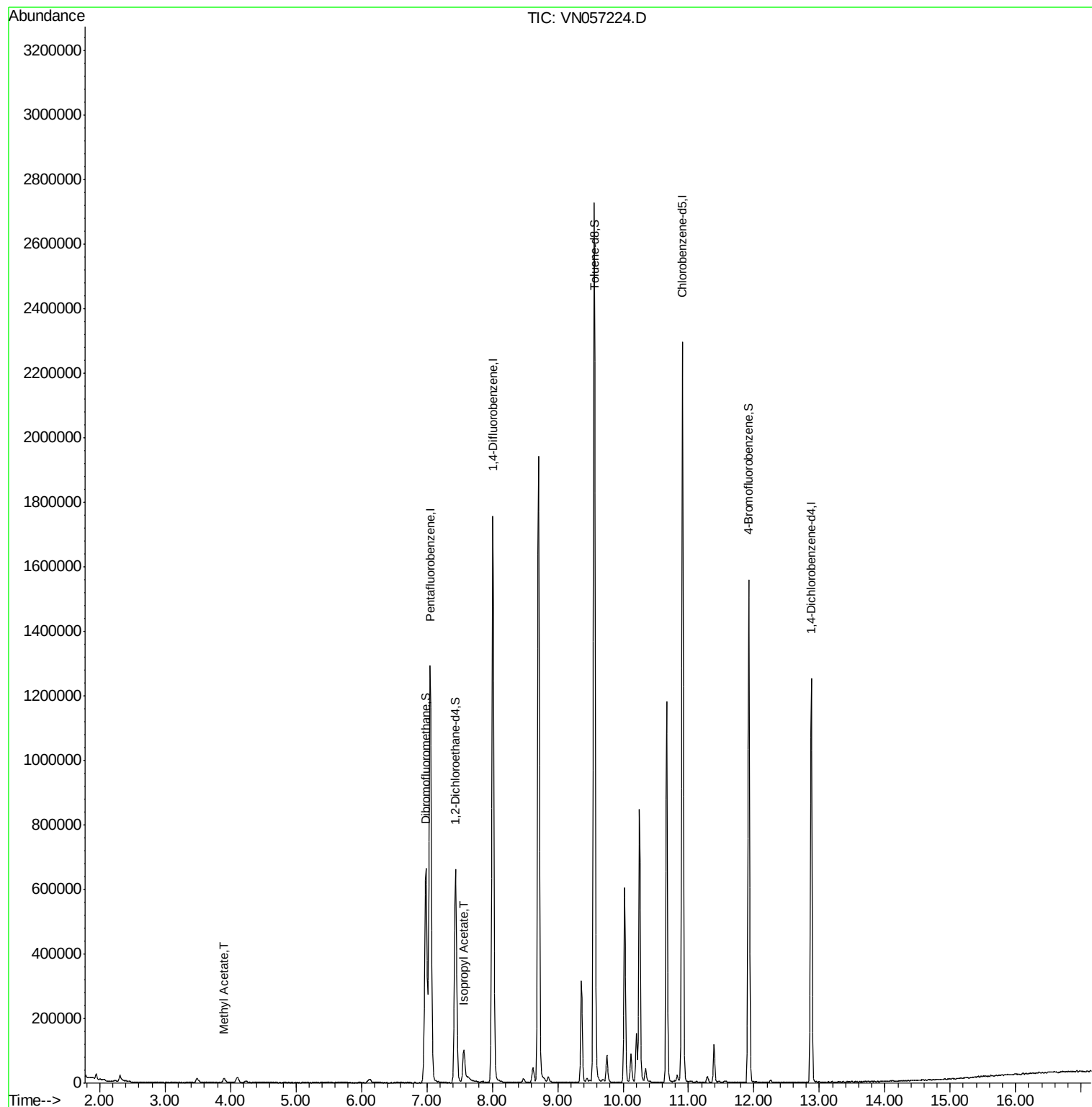
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1253146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	1754585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1462033	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.88	152	372761	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	593250	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
35) Dibromofluoromethane	6.99	113	534111	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
50) Toluene-d8	9.56	98	2050955	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	11.92	95	537894	39.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.26%	
Target Compounds						
18) Methyl Acetate	3.90	43	23190	1.361	ug/l #	80
43) Isopropyl Acetate	7.56	43	130858	6.439	ug/l #	86

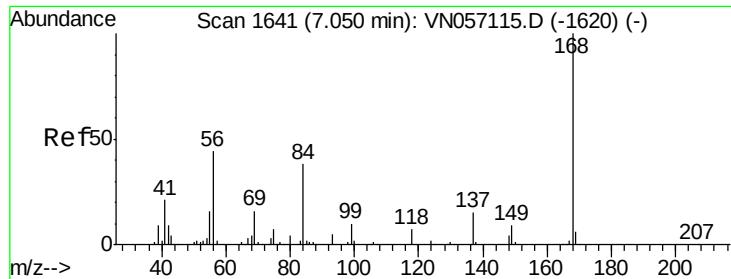
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VN057224.D

Acq: 12 Aug 2019 18:52

Instrument :

MSVOA_N

ClientSampled :

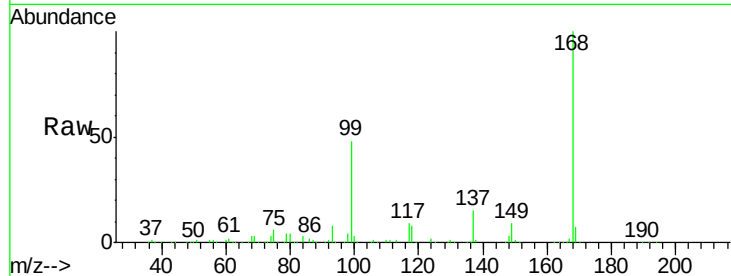
2S-C3-(0)

Tot Ion:168 Resp: 1253146

Ion Ratio Lower Upper

168 100

99 48.5 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.05

500000

400000

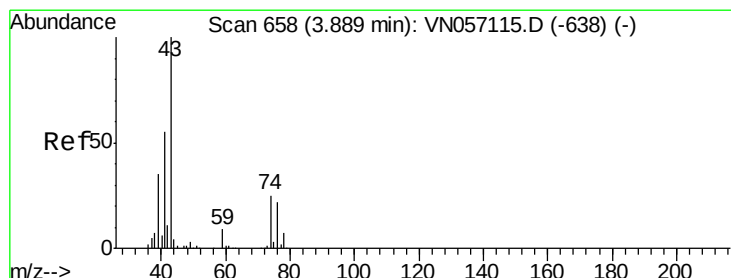
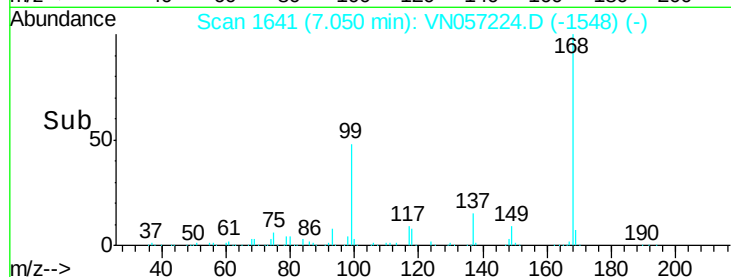
300000

200000

100000

0

Time--> 6.90 7.00 7.10 7.20



#18

Methyl Acetate

Concen: 1.361 ug/l

RT: 3.90 min Scan# 662

Delta R.T. 0.01 min

Lab File: VN057224.D

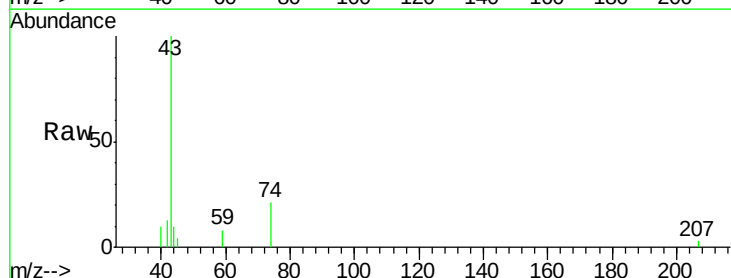
Acq: 12 Aug 2019 18:52

Tgt Ion: 43 Resp: 23190

Ion Ratio Lower Upper

43 100

74 15.2 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

3.90

10000

8000

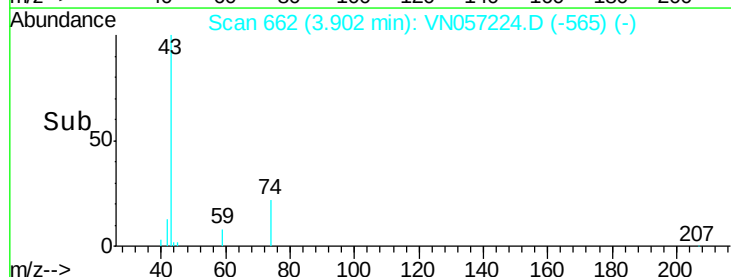
6000

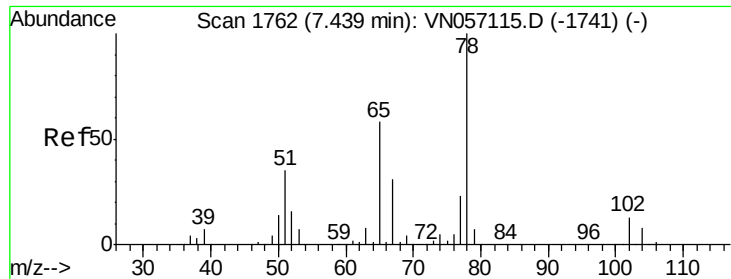
4000

2000

0

Time--> 3.80 3.85 3.90 3.95 4.00

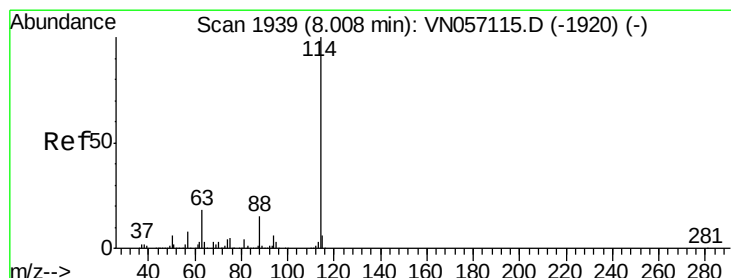
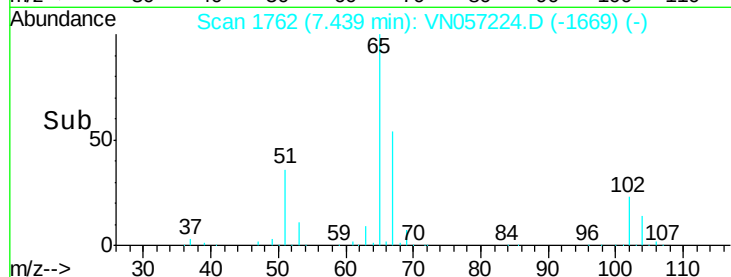
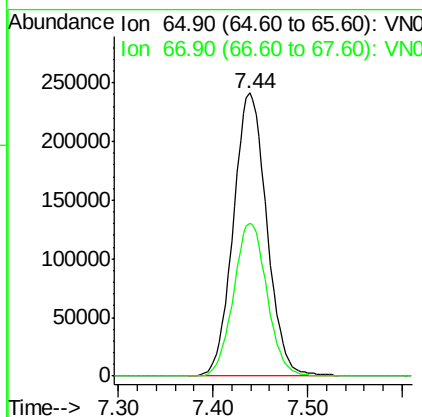
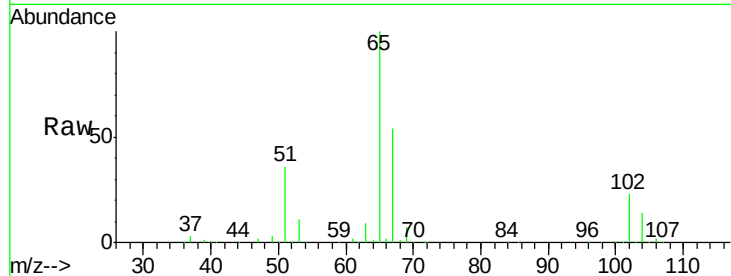




#33
 1,2-Dichloroethane-d4
 Concen: 46.032 ug/l
 RT: 7.44 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VN057224.D
 Acq: 12 Aug 2019 18:52

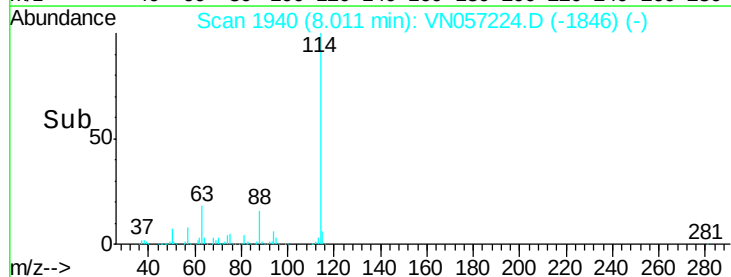
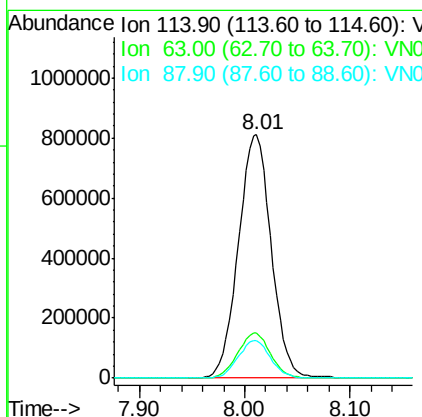
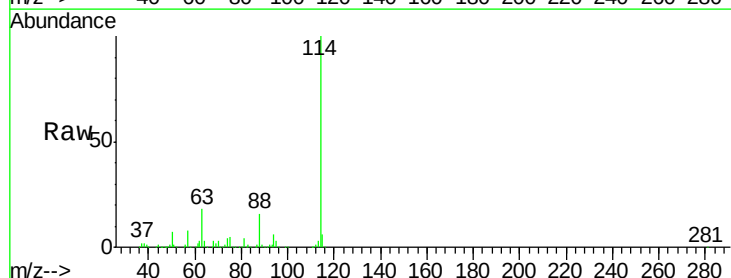
Instrument :
 MSVOA_N
 ClientSampleId :
 2S-C3-(0)

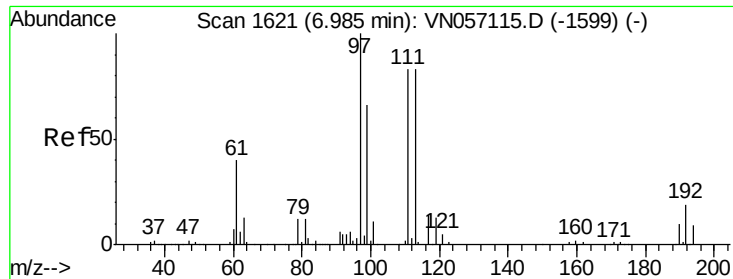
Tot Ion: 65 Resp: 593250
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN057224.D
 Acq: 12 Aug 2019 18:52

Tgt Ion: 114 Resp: 1754585
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.2
 88 15.6 0.0 30.0

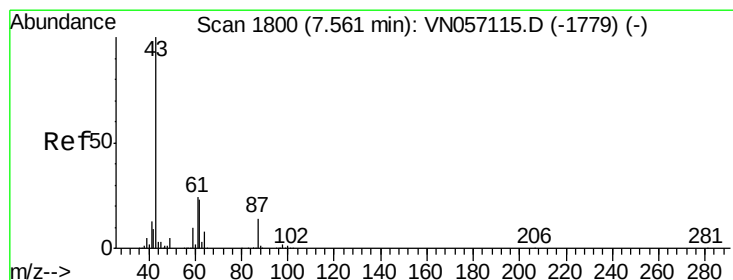
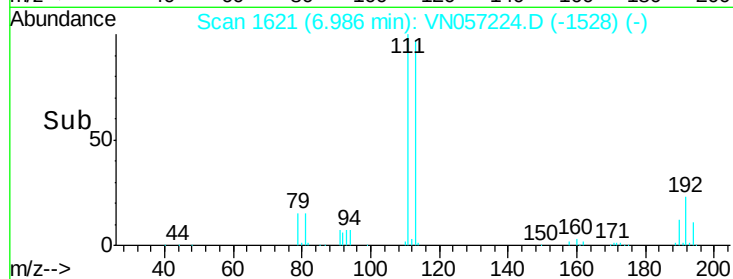
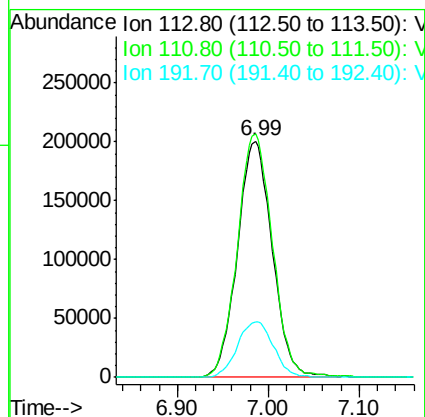
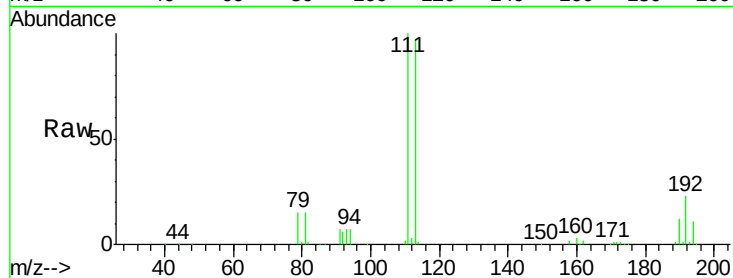




#35
 Dibromofluoromethane
 Concen: 48.510 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VN057224.D
 Acq: 12 Aug 2019 18:52

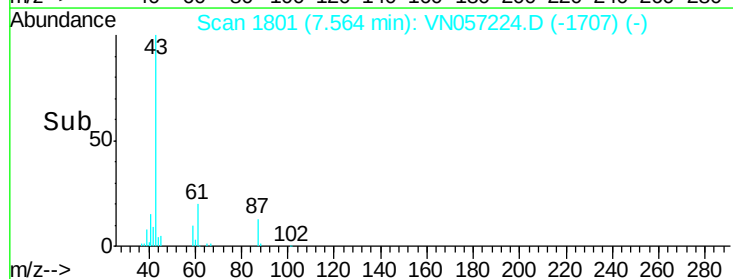
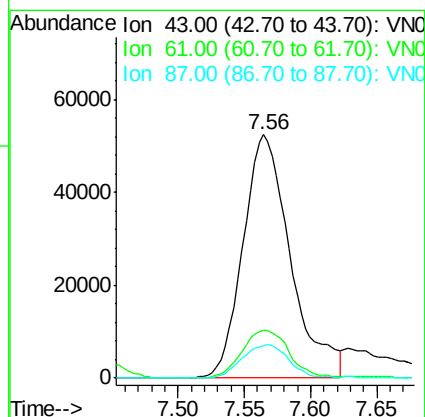
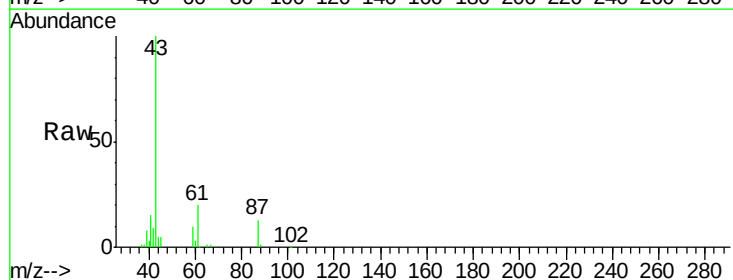
Instrument :
 MSVOA_N
 ClientSampled :
 2S-C3-(0)

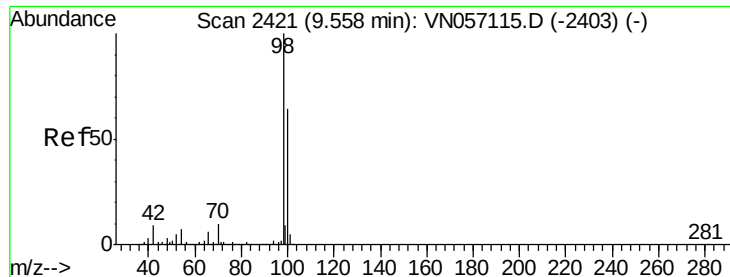
Tot Ion:113 Resp: 534111
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.3 121.9
 192 24.4 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 6.439 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN057224.D
 Acq: 12 Aug 2019 18:52

Tgt Ion: 43 Resp: 130858
 Ion Ratio Lower Upper
 43 100
 61 19.7 24.2 36.2#
 87 13.3 11.8 17.8

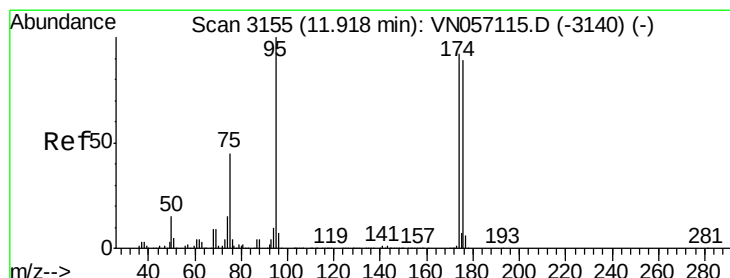
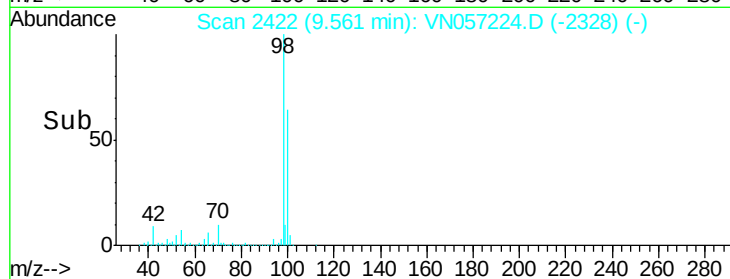
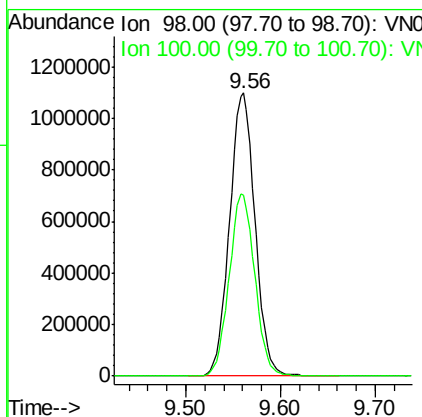
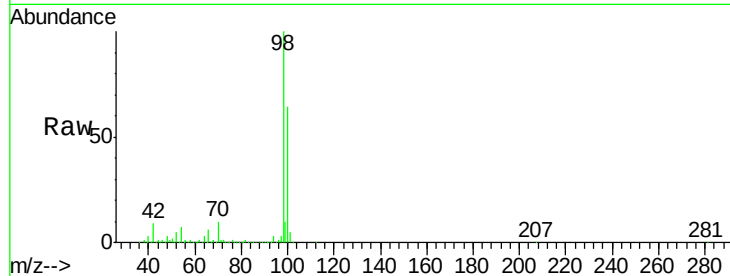




#50
Toluene-d8
Concen: 48.689 ug/l
RT: 9.56 min Scan# 2422
Delta R.T. 0.00 min
Lab File: VN057224.D
Acq: 12 Aug 2019 18:52

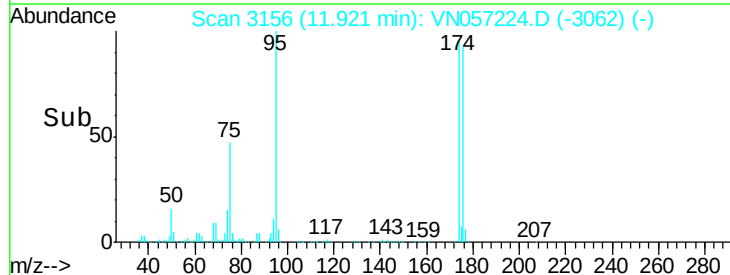
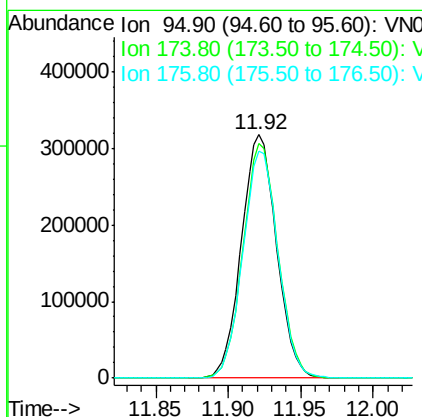
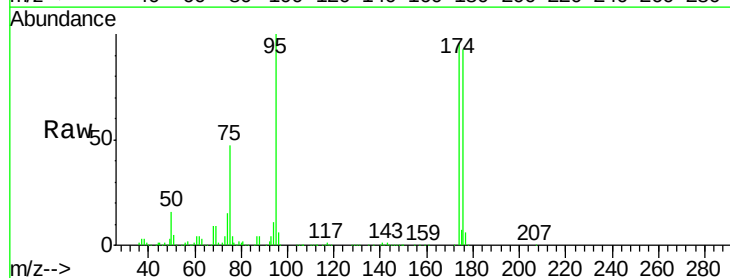
Instrument :
MSVOA_N
ClientSampleId :
2S-C3-(0)

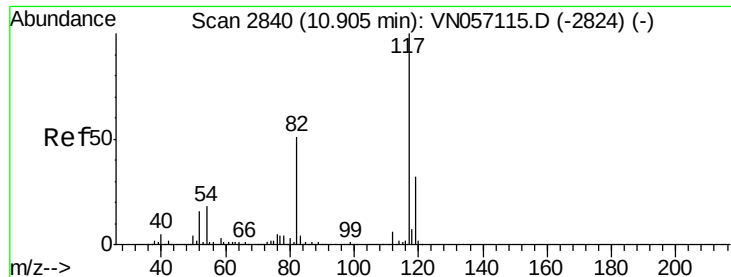
Tot Ion: 98 Resp: 2050955
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 39.631 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN057224.D
Acq: 12 Aug 2019 18:52

Tgt Ion: 95 Resp: 537894
Ion Ratio Lower Upper
95 100
174 95.6 0.0 185.0
176 93.5 0.0 181.2

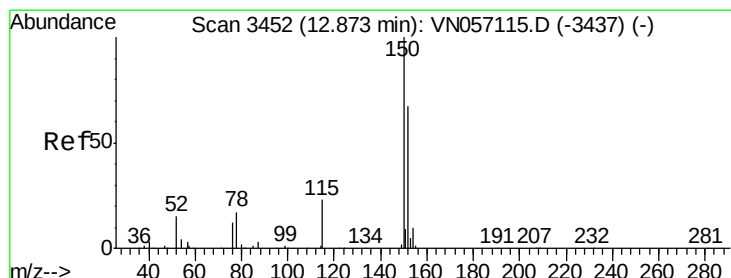
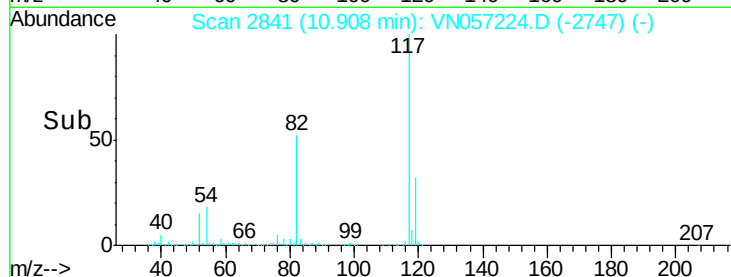
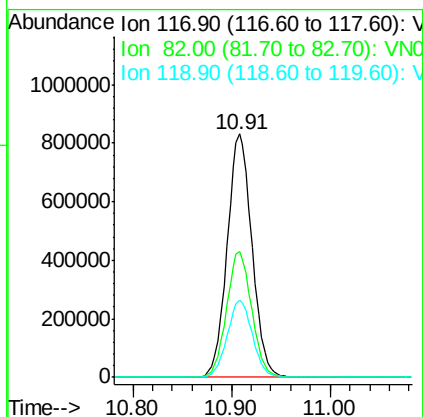
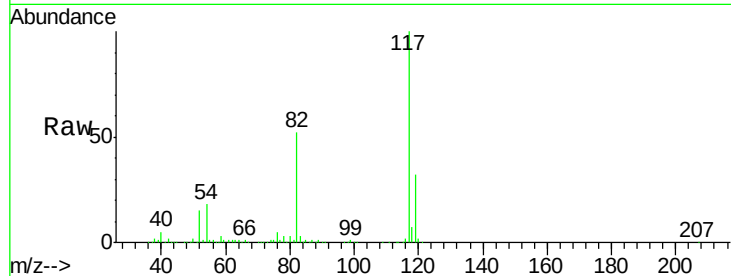




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.91 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN057224.D
Acq: 12 Aug 2019 18:52

Instrument :
MSVOA_N
ClientSampleId :
2S-C3-(0)

Tot Ion:117 Resp: 1462033
Ion Ratio Lower Upper
117 100
82 51.6 40.8 61.2
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.88 min Scan# 3453
Delta R.T. 0.00 min
Lab File: VN057224.D
Acq: 12 Aug 2019 18:52

Tgt Ion:152 Resp: 372761
Ion Ratio Lower Upper
152 100
115 54.6 27.5 82.5
150 155.3 0.0 341.6

