

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057427.D
 Acq On : 20 Aug 2019 3:15
 Operator : JC/SP
 Sample : K4386-32
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A1-(0)

Quant Time: Aug 20 09:29:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

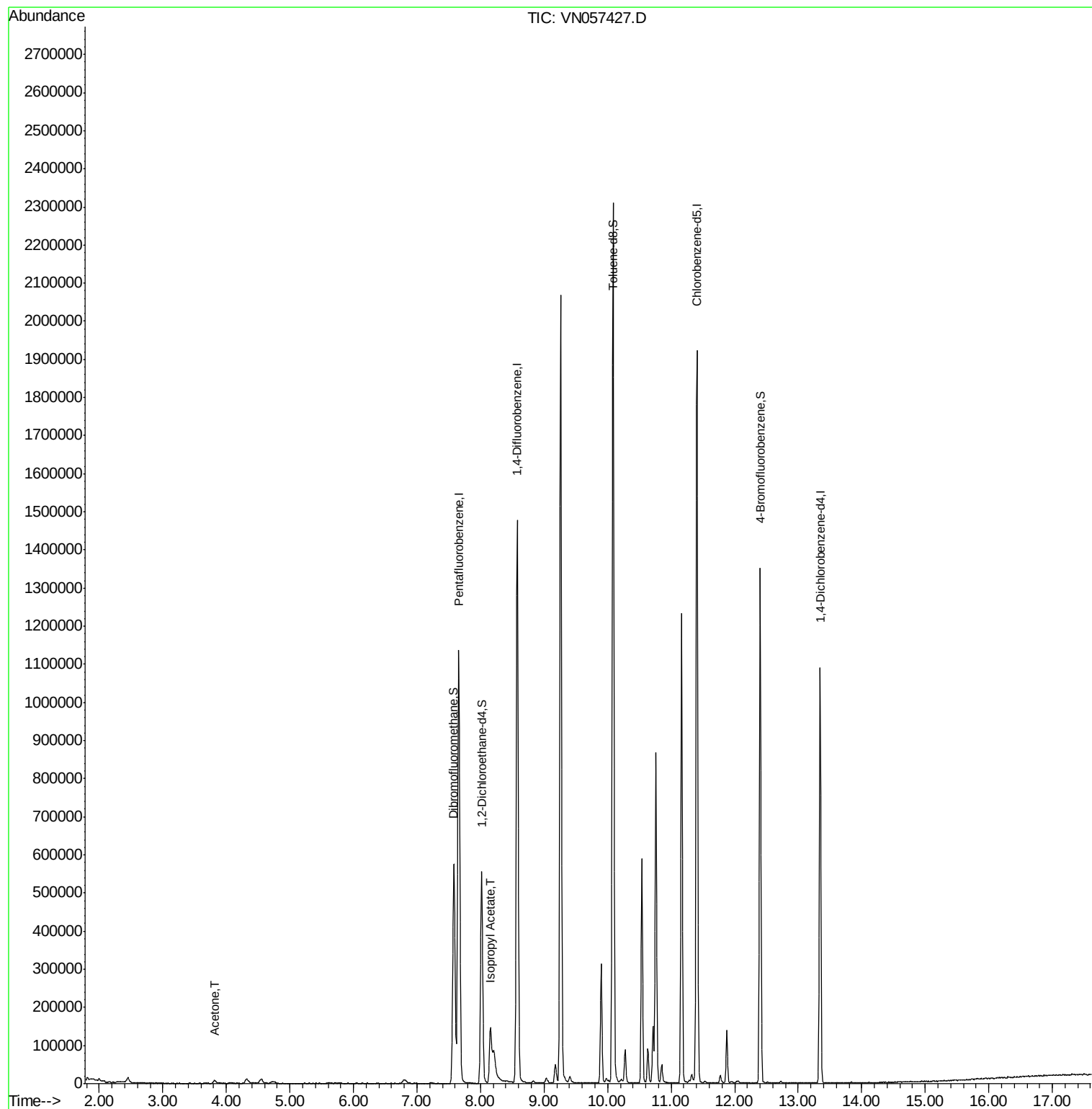
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1051480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1467120	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1254008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	333430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	482517	42.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.42%	
35) Dibromofluoromethane	7.58	113	448439	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
50) Toluene-d8	10.08	98	1704483	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.40	95	457727	36.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.64%	
Target Compounds						
16) Acetone	3.81	43	10881	2.744	ug/l	99
43) Isopropyl Acetate	8.16	43	180251	8.350	ug/l #	83

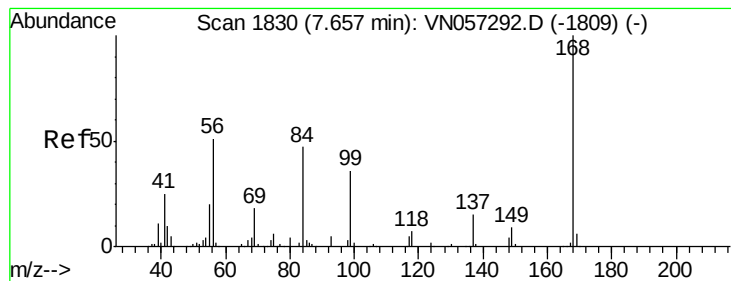
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampled :

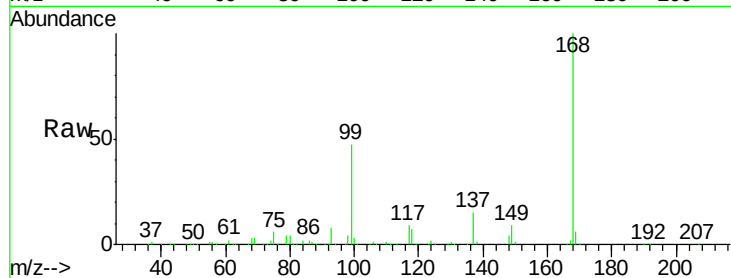
T6-A1-(0)

Tot Ion:168 Resp: 1051480

Ion Ratio Lower Upper

168 100

99 47.0 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

400000

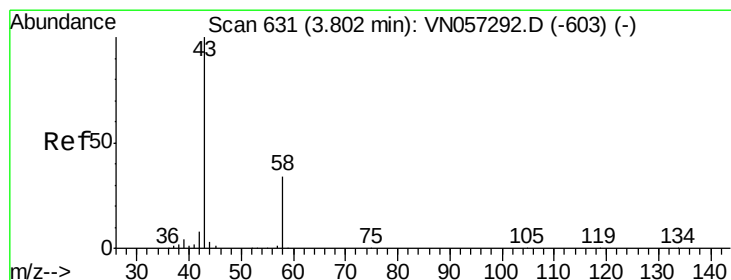
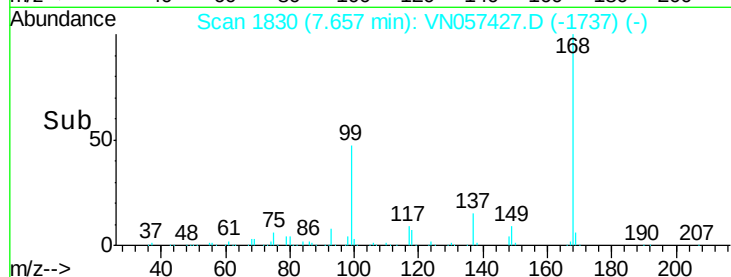
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 2.744 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057427.D

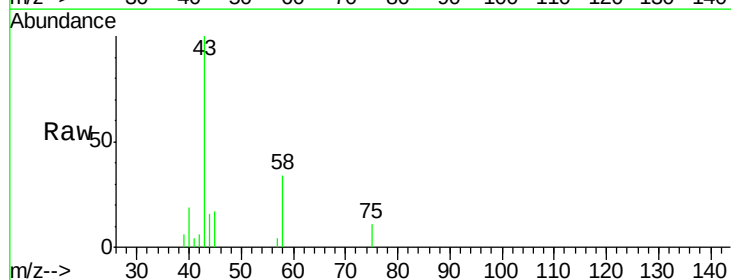
Acq: 20 Aug 2019 3:15

Tgt Ion: 43 Resp: 10881

Ion Ratio Lower Upper

43 100

58 34.4 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.81

4000

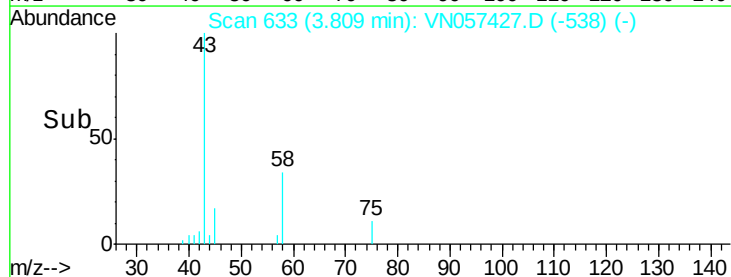
3000

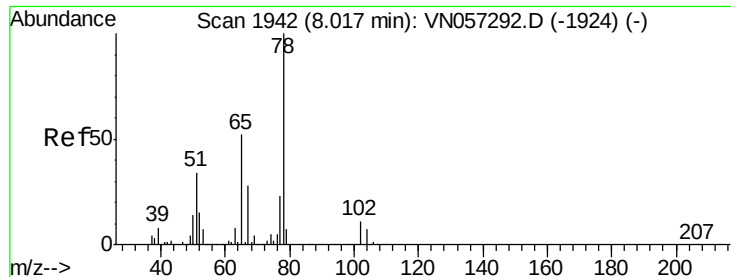
2000

1000

0

Time-->

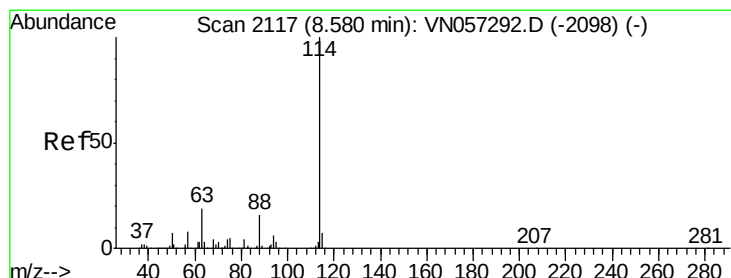
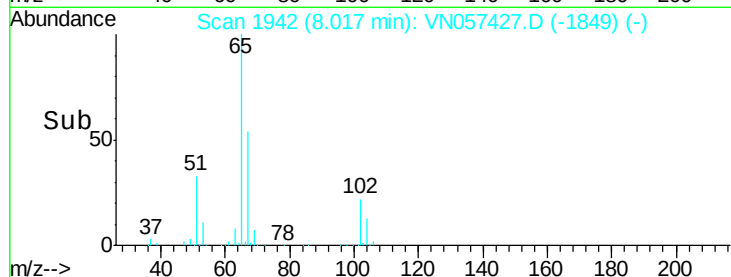
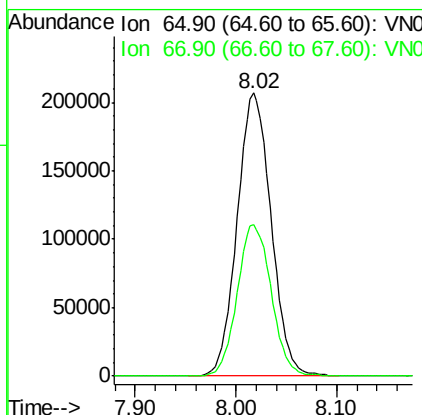
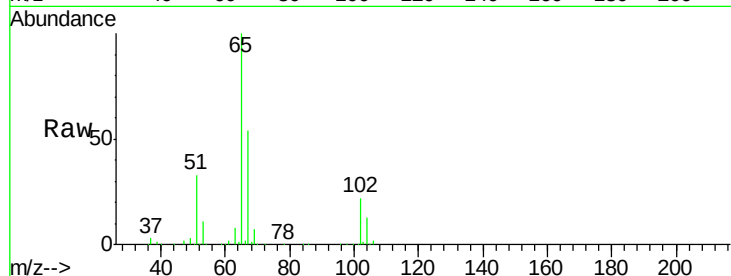




#33
 1,2-Dichloroethane-d4
 Concen: 42.212 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057427.D
 Acq: 20 Aug 2019 3:15

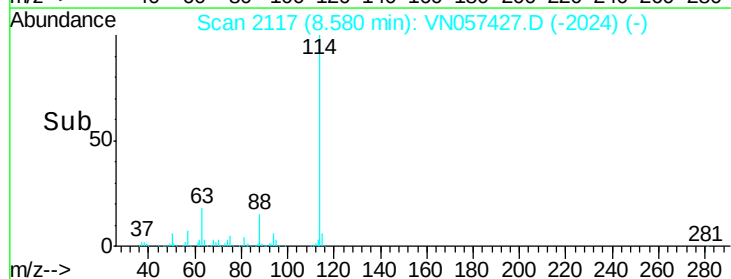
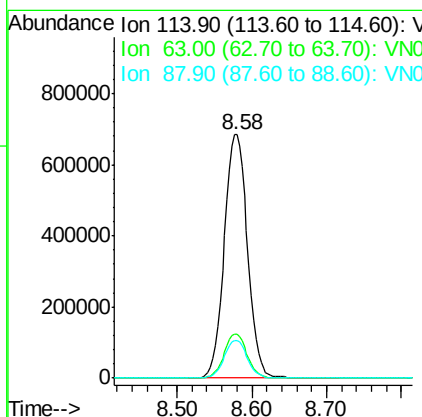
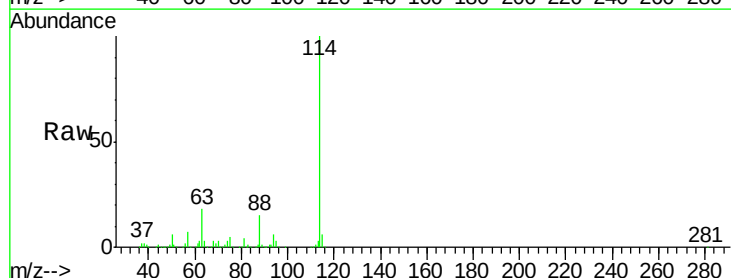
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A1-(0)

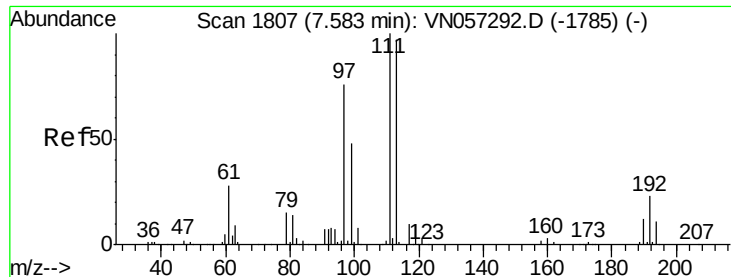
Tot Ion: 65 Resp: 482517
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN057427.D
 Acq: 20 Aug 2019 3:15

Tgt Ion: 114 Resp: 1467120
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.8
 88 15.4 0.0 31.4

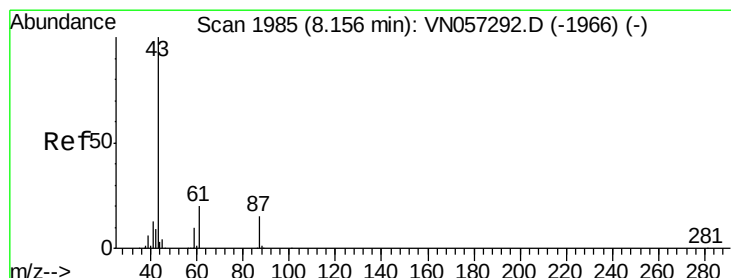
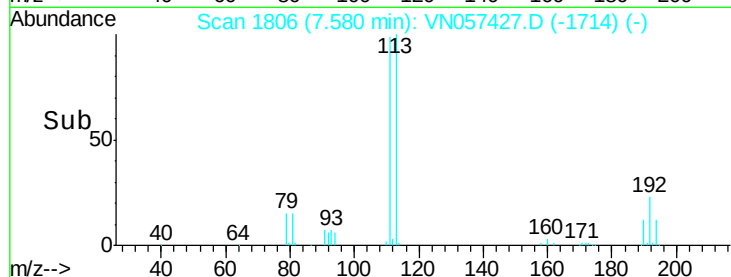
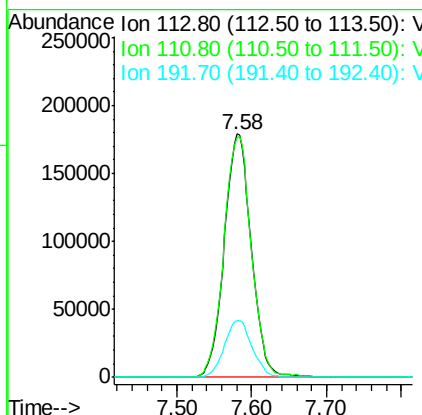
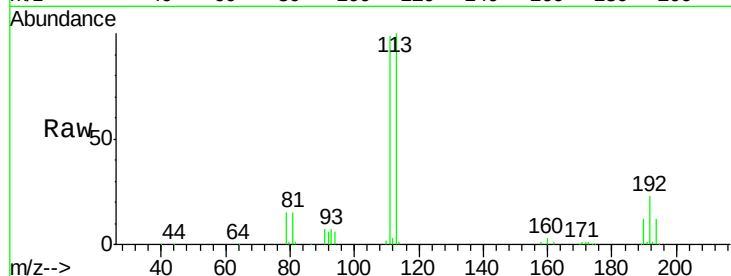




#35
 Dibromofluoromethane
 Concen: 46.629 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057427.D
 Acq: 20 Aug 2019 3:15

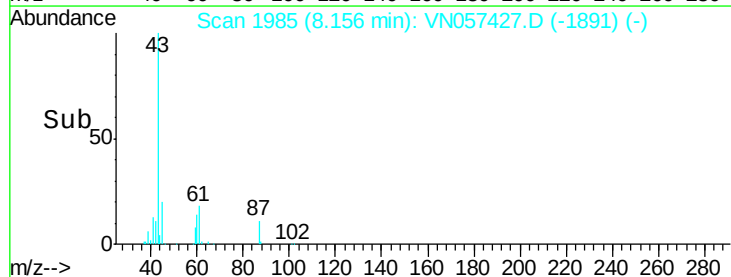
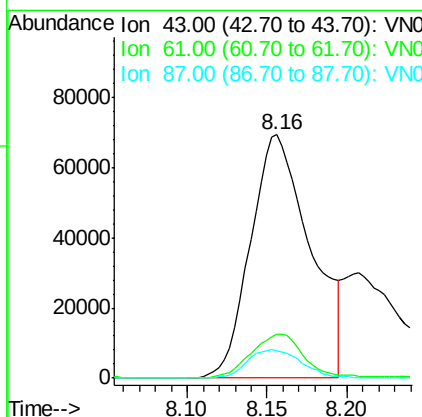
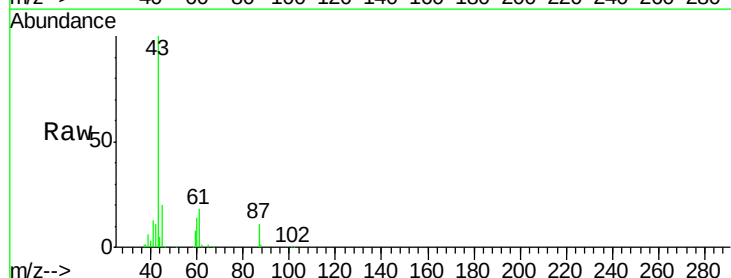
Instrument :
 MSVOA_N
 ClientSampleId :
 T6-A1-(0)

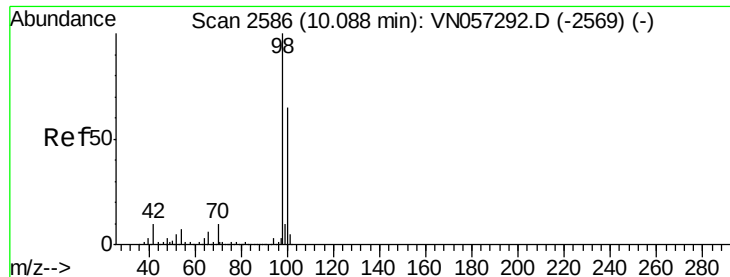
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.1	123.1
192	24.0	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 8.350 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057427.D
 Acq: 20 Aug 2019 3:15

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.0	21.6	32.4#
87	10.4	11.4	17.0#





#50

Toluene-d8

Concen: 48.457 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

Instrument :

MSVOA_N

ClientSampled :

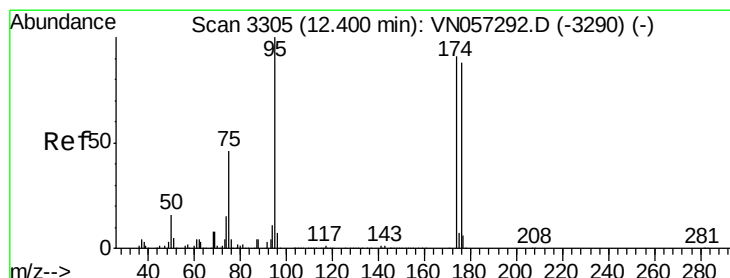
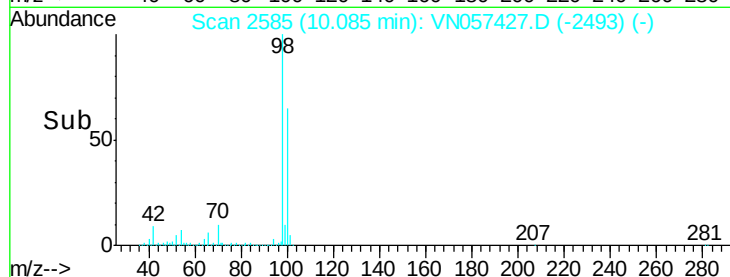
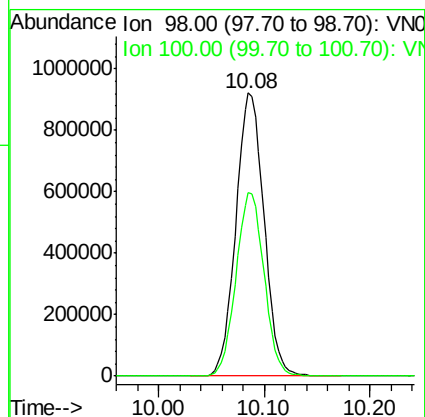
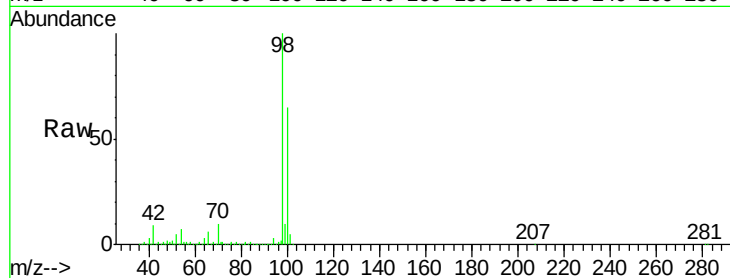
T6-A1-(0)

Tot Ion: 98 Resp: 1704483

Ion Ratio Lower Upper

98 100

100 64.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 36.822 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057427.D

Acq: 20 Aug 2019 3:15

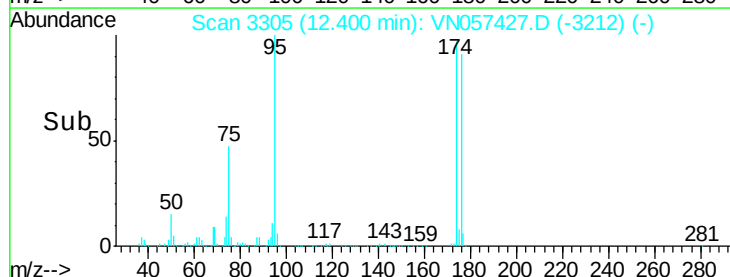
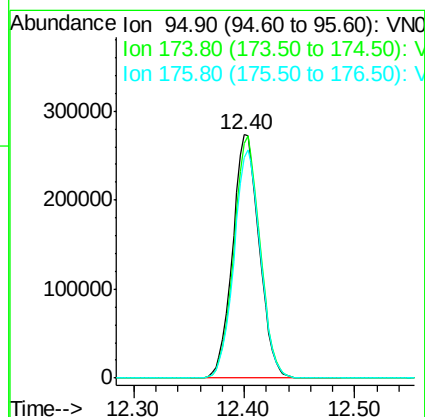
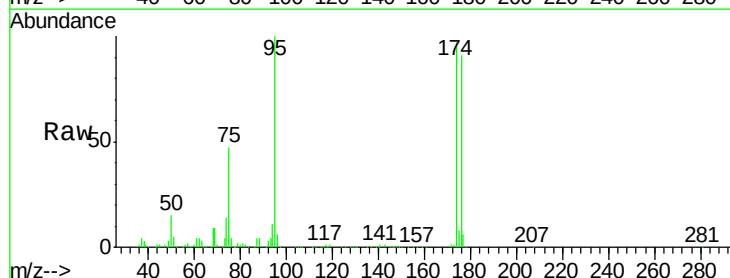
Tgt Ion: 95 Resp: 457727

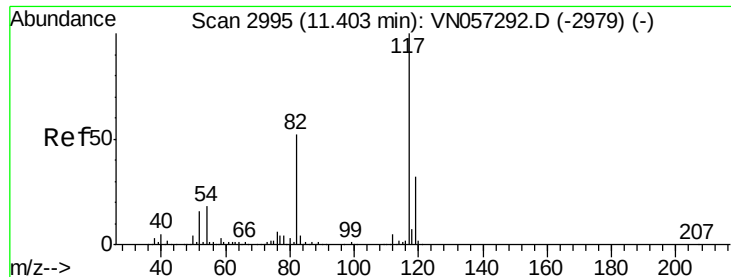
Ion Ratio Lower Upper

95 100

174 97.5 0.0 185.0

176 92.8 0.0 181.0

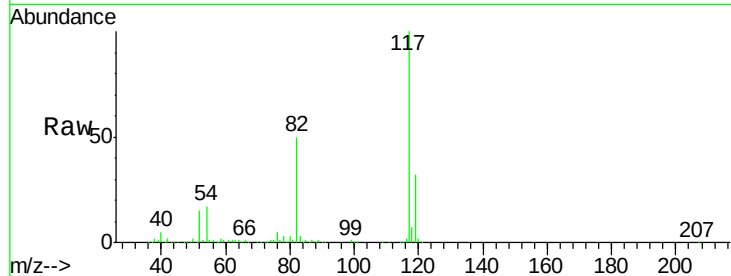




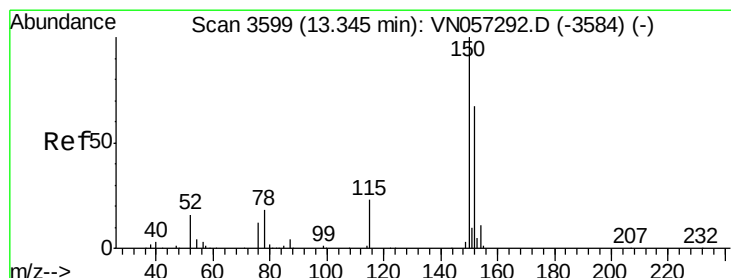
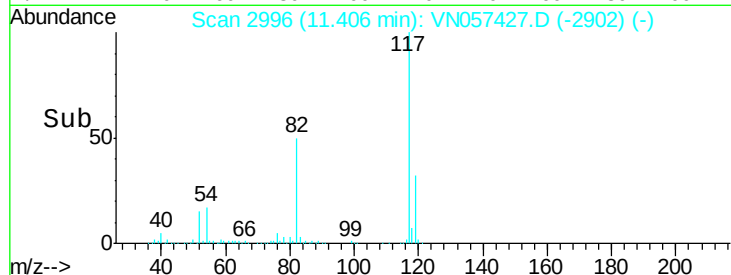
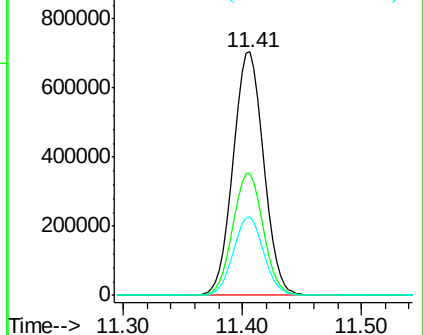
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057427.D
Acq: 20 Aug 2019 3:15

Instrument :
MSVOA_N
ClientSampled :
T6-A1-(0)

Tot Ion:117 Resp: 1254008
Ion Ratio Lower Upper
117 100
82 50.0 41.2 61.8
119 32.1 25.8 38.8

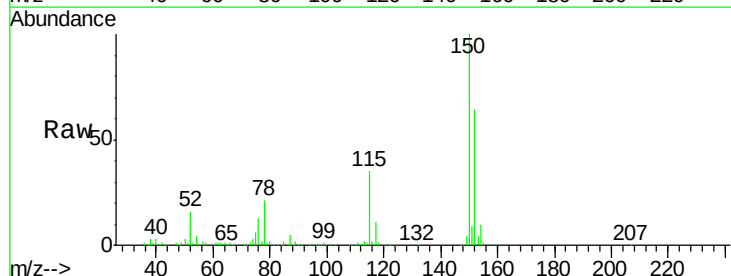


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN057427.D
Acq: 20 Aug 2019 3:15

Tgt Ion:152 Resp: 333430
Ion Ratio Lower Upper
152 100
115 53.8 27.3 81.9
150 155.5 0.0 344.4



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

