

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057825.D
 Acq On : 10 Sep 2019 00:38
 Operator : JC/SP
 Sample : K4603-33
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-F3-(0)

Quant Time: Sep 13 04:42:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

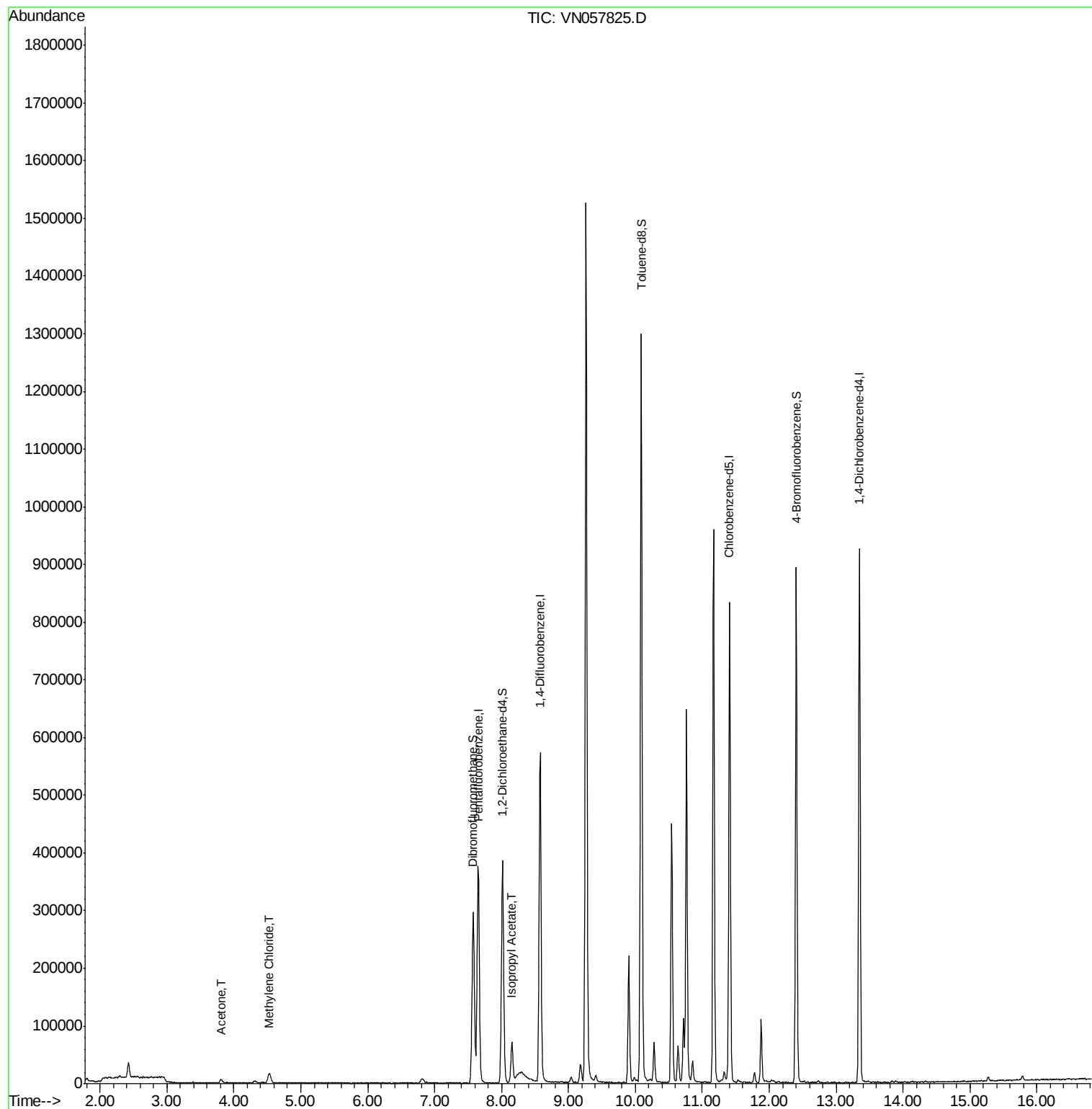
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	289396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	494724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	457150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	227785	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	333968	56.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.96%	
35) Dibromofluoromethane	7.58	113	223140	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.08	98	898142	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.40	95	295528	43.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.48%	
Target Compounds						
16) Acetone	3.81	43	10440	5.433	ug/l	90
20) Methylene Chloride	4.53	84	12244	2.170	ug/l	96
43) Isopropyl Acetate	8.15	43	83422	8.368	ug/l #	90

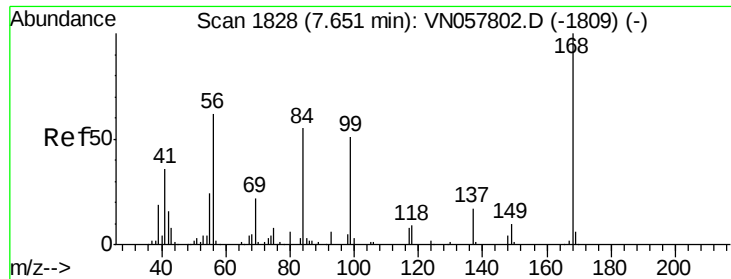
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057825.D

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MSVOA_N

ClientSampleId :

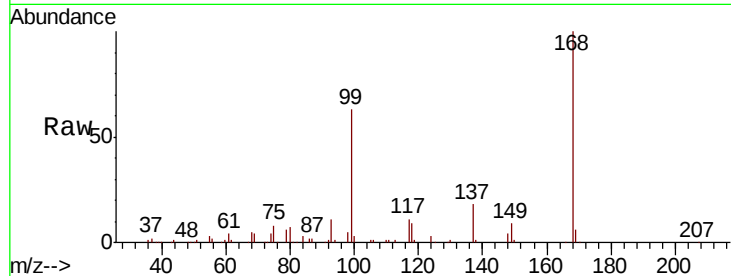
PAR-12-F3-(0)

Tot Ion:168 Resp: 289396

Ion Ratio Lower Upper

168 100

99 63.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

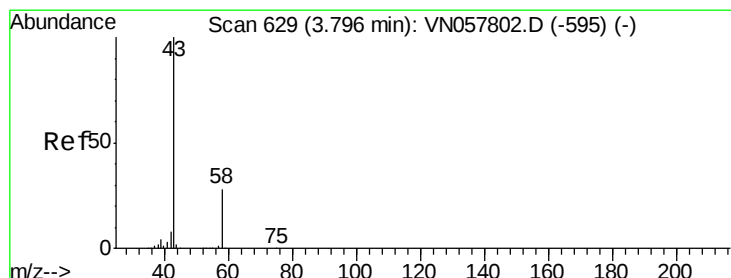
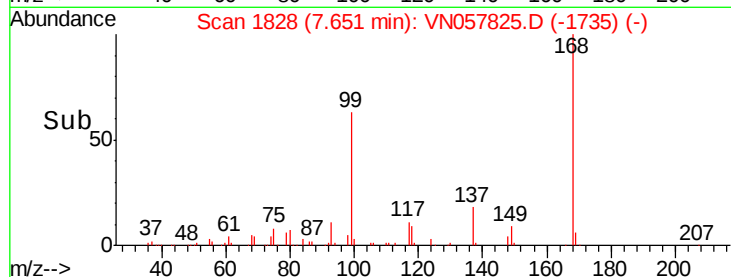
7.65

100000

50000

0

Time-->



#16

Acetone

Concen: 5.433 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057825.D

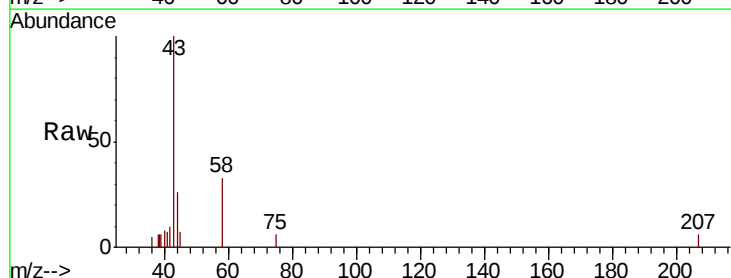
Acq: 10 Sep 2019 00:38

Tgt Ion: 43 Resp: 10440

Ion Ratio Lower Upper

43 100

58 32.7 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

4000

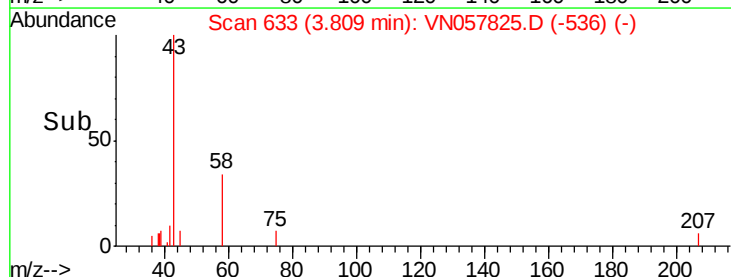
3000

2000

1000

0

Time-->

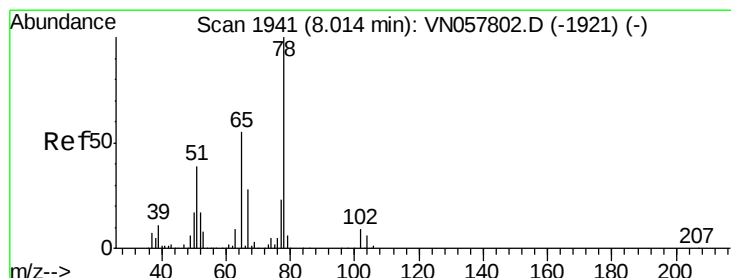
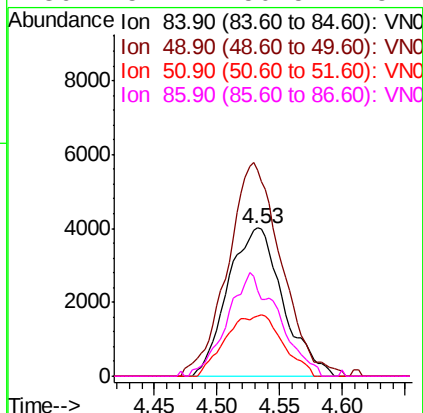
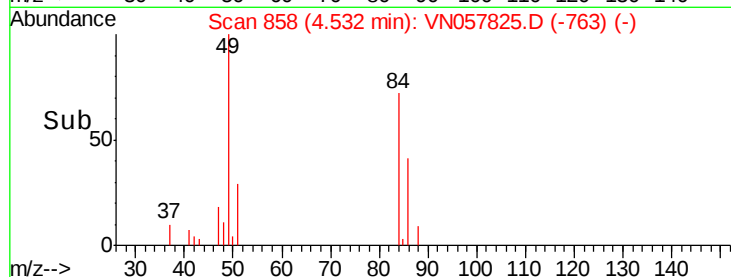
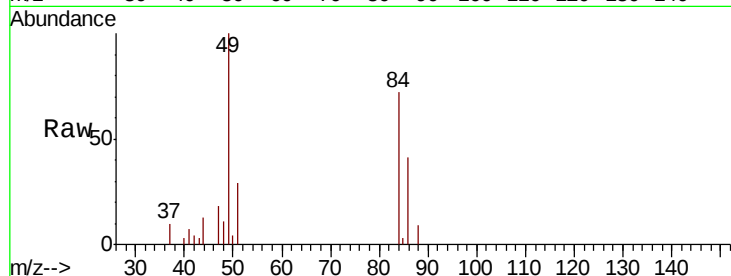




#20
Methvlene Chloride
Concen: 2.170 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN057825.D
Acq: 10 Sep 2019 00:38

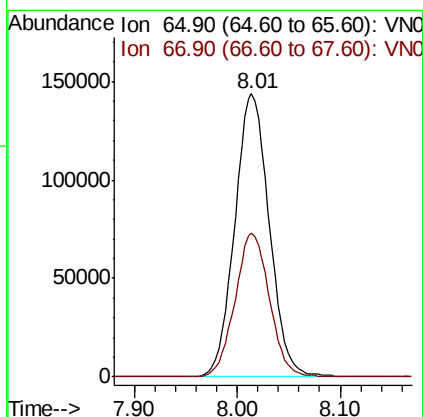
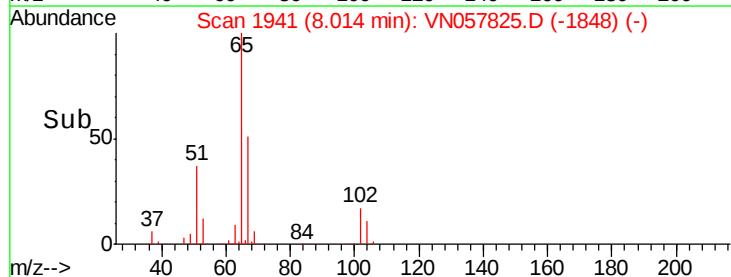
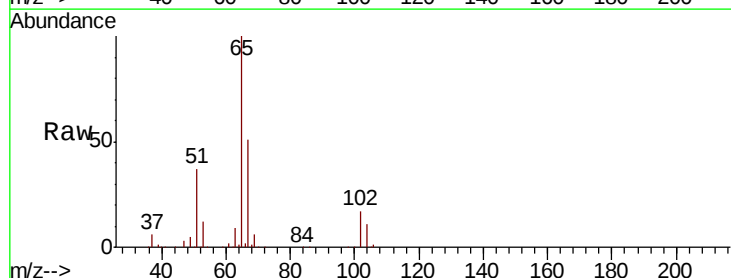
Instrument :
MSVOA_N
ClientSampleId :
PAR-12-F3-(0)

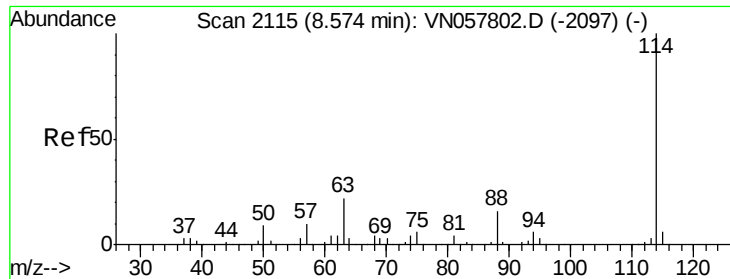
Tot Ion: 84 Resp: 12244
Ion Ratio Lower Upper
84 100
49 134.3 104.8 157.2
51 40.7 33.0 49.4
86 57.7 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 56.977 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057825.D
Acq: 10 Sep 2019 00:38

Tgt Ion: 65 Resp: 333968
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.0

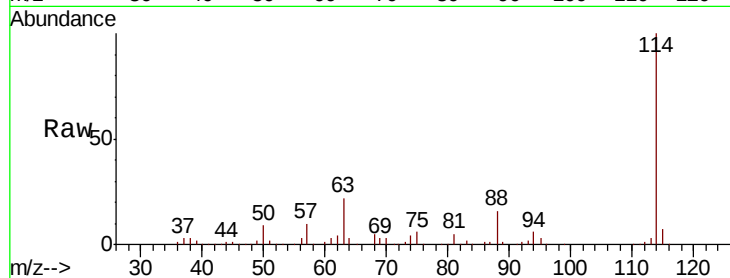




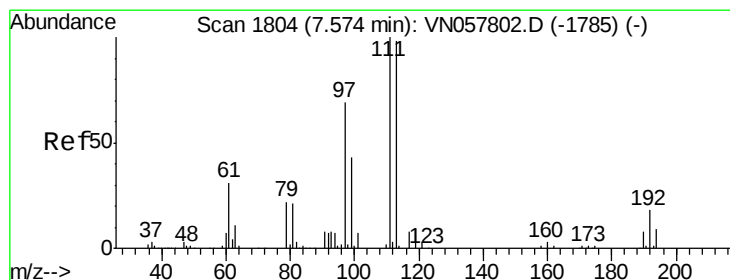
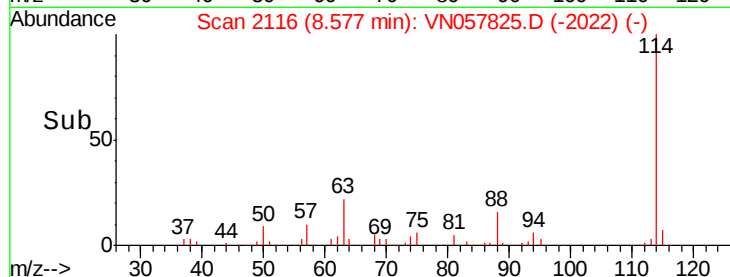
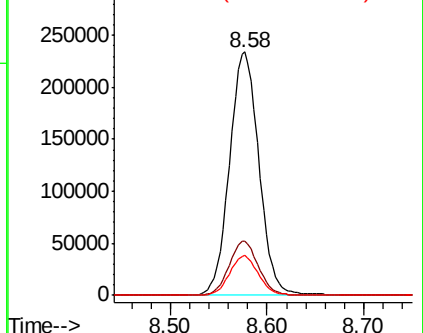
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057825.D
 Acq: 10 Sep 2019 00:38

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-F3-(0)

Tot Ion:114 Resp: 494724
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.0
 88 16.3 0.0 31.4

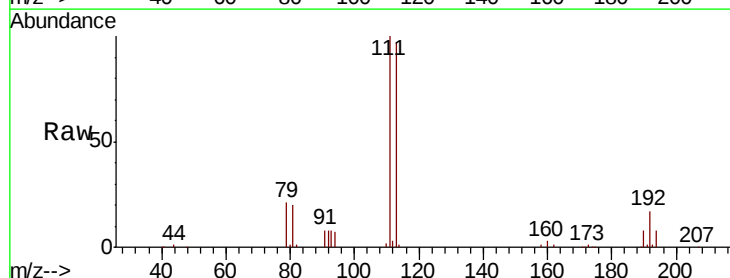


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

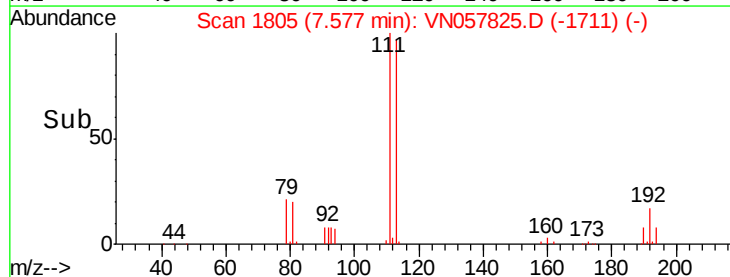
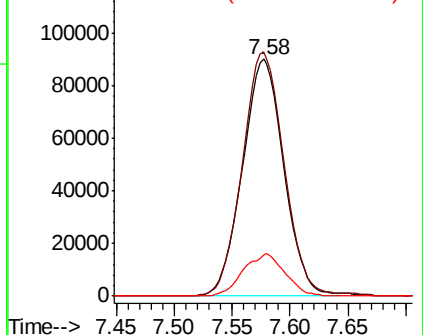


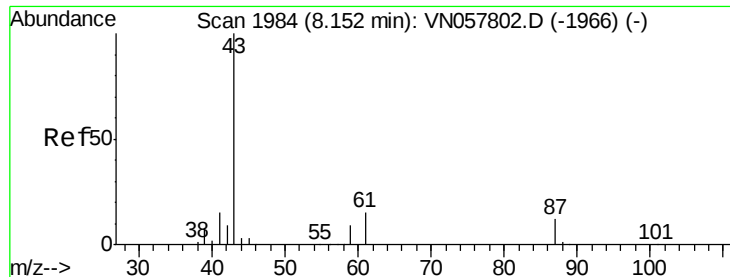
#35
 Dibromofluoromethane
 Concen: 48.869 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057825.D
 Acq: 10 Sep 2019 00:38

Tgt Ion:113 Resp: 223140
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.3 121.9
 192 18.1 14.6 22.0



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





#43

Isopropyl Acetate

Concen: 8.368 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057825.D

Acq: 10 Sep 2019 00:38

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-F3-(0)

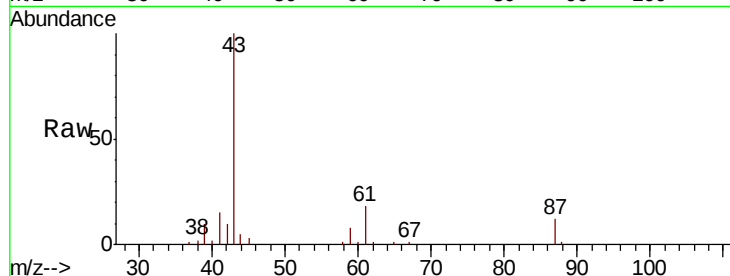
Tot Ion: 43 Resp: 83422

Ion Ratio Lower Upper

43 100

61 18.3 20.1 30.1#

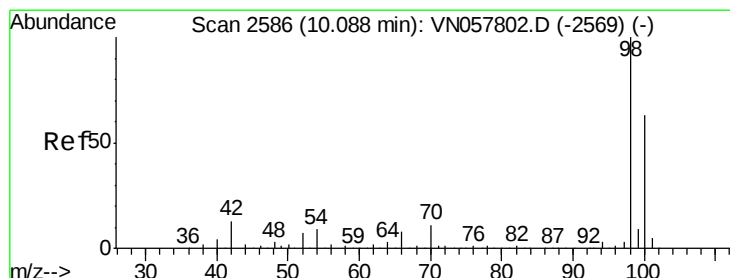
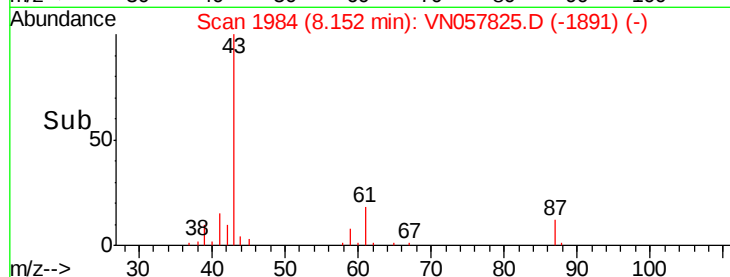
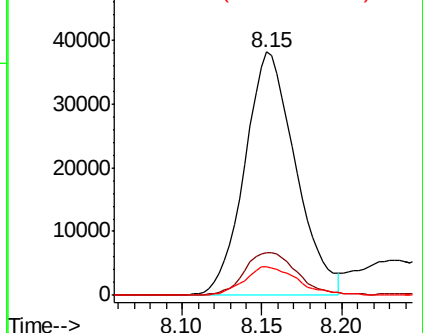
87 12.4 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 50.662 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057825.D

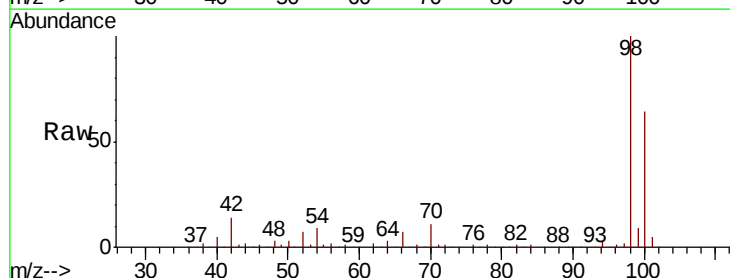
Acq: 10 Sep 2019 00:38

Tgt Ion: 98 Resp: 898142

Ion Ratio Lower Upper

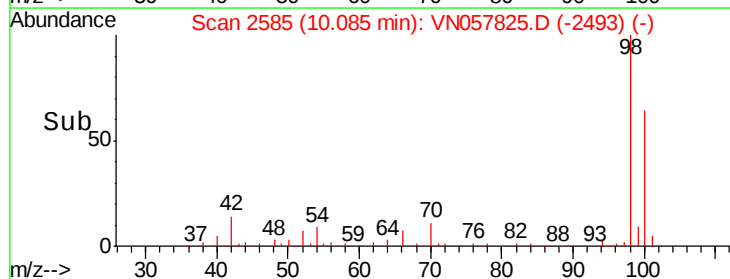
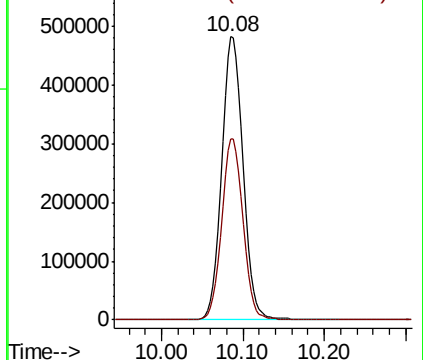
98 100

100 63.9 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.743 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057825.D

Acq: 10 Sep 2019 00:38

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-F3-(0)

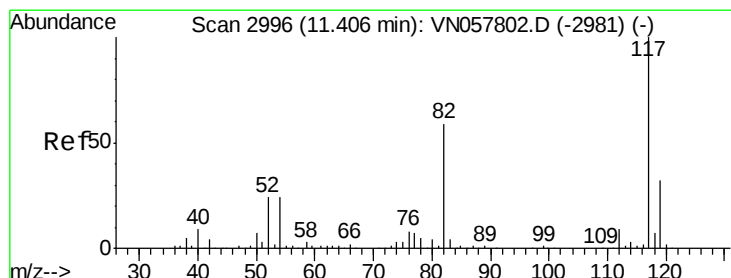
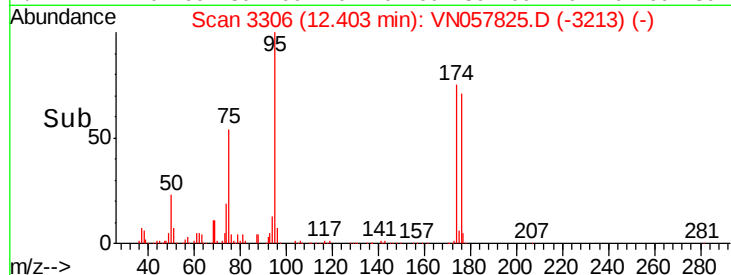
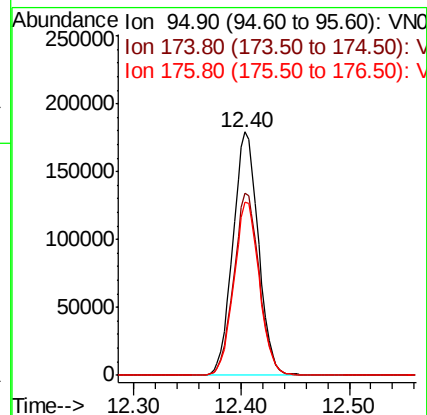
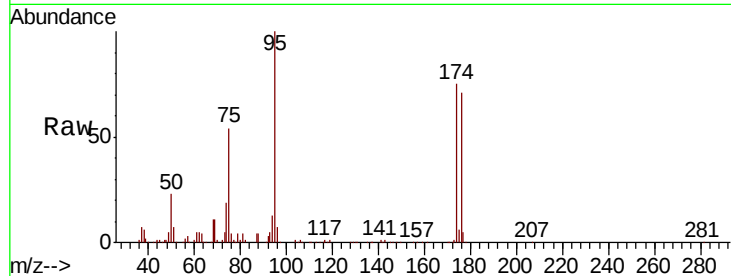
Tot Ion: 95 Resp: 295528

Ion Ratio Lower Upper

95 100

174 75.0 0.0 150.2

176 71.2 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN057825.D

Acq: 10 Sep 2019 00:38

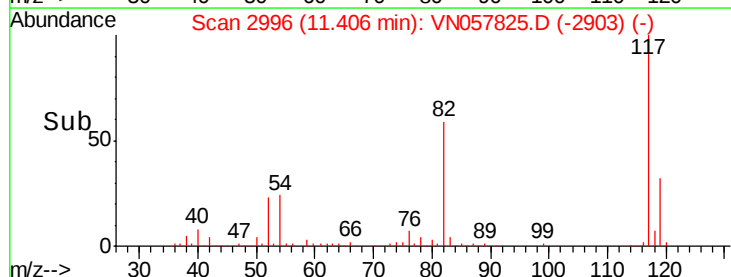
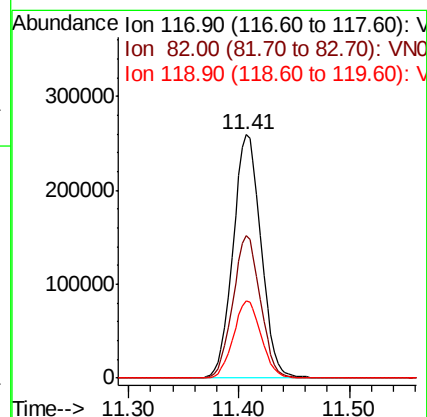
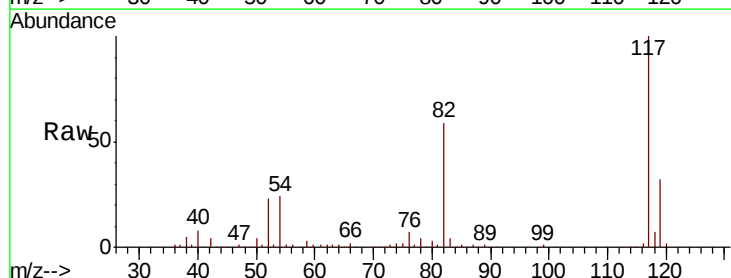
Tgt Ion: 117 Resp: 457150

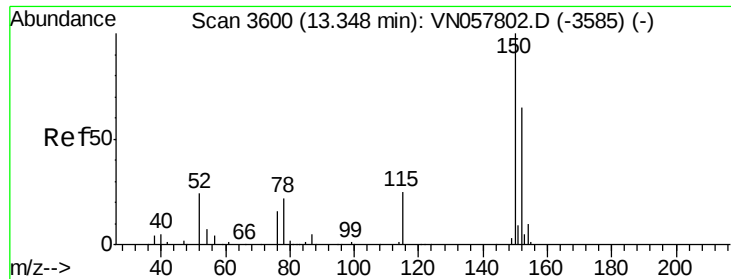
Ion Ratio Lower Upper

117 100

82 58.7 47.2 70.8

119 31.6 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057825.D

Acq: 10 Sep 2019 00:38

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-F3-(0)

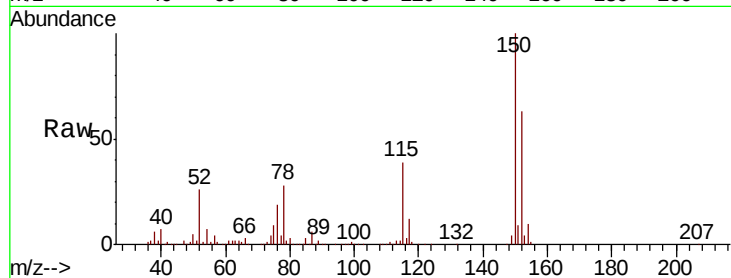
Tot Ion:152 Resp: 227785

Ion Ratio Lower Upper

152 100

115 61.0 30.3 91.0

150 158.2 0.0 352.4



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

