

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057832.D
 Acq On : 10 Sep 2019 3:55
 Operator : JC/SP
 Sample : K4603-35
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-F1-(3.11)

Quant Time: Sep 13 04:46:48 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

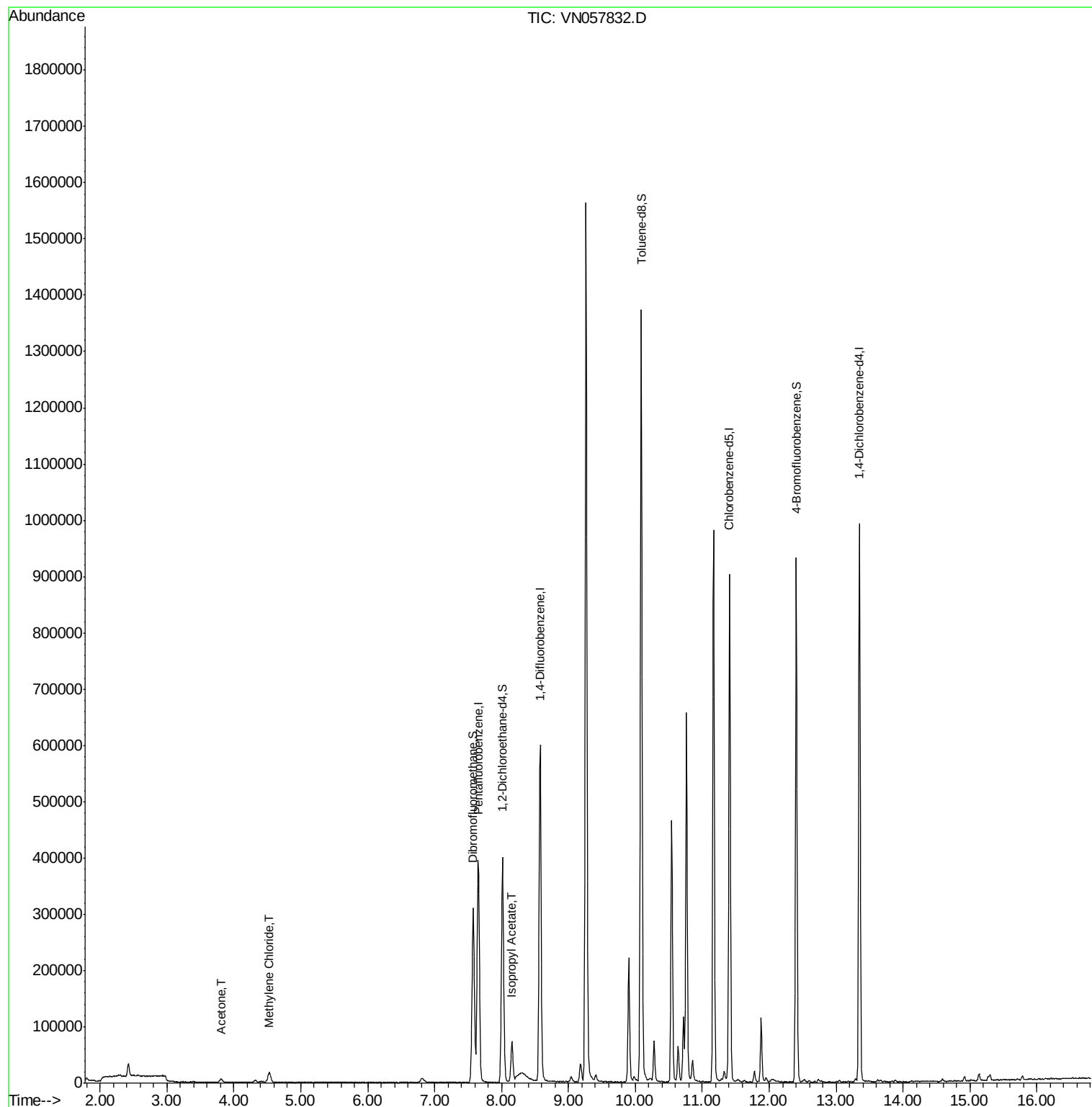
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	308400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	526517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	486522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	244898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	343257	54.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.90%	
35) Dibromofluoromethane	7.58	113	232072	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
50) Toluene-d8	10.09	98	946056	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.40	95	309364	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
Target Compounds						
16) Acetone	3.81	43	8129	3.970	ug/l	90
20) Methylene Chloride	4.54	84	12563	2.042	ug/l	96
43) Isopropyl Acetate	8.15	43	86198	8.125	ug/l #	91

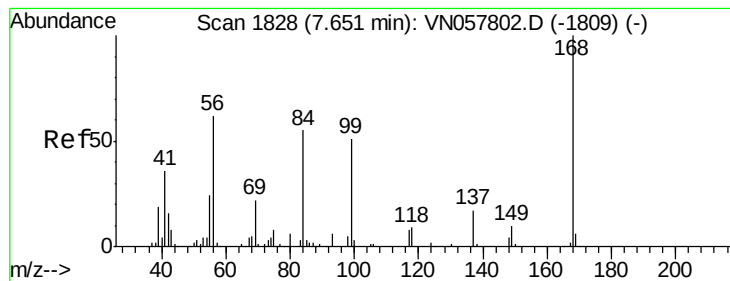
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057832.D

Acq: 10 Sep 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

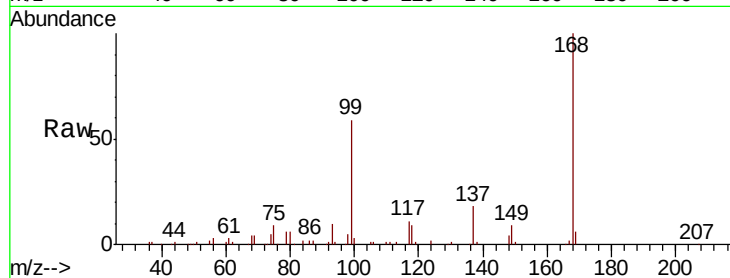
PAR-12-F1-(3.11)

Tot Ion:168 Resp: 308400

Ion Ratio Lower Upper

168 100

99 58.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057832.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN057832.D (-1735) (-)

7.65

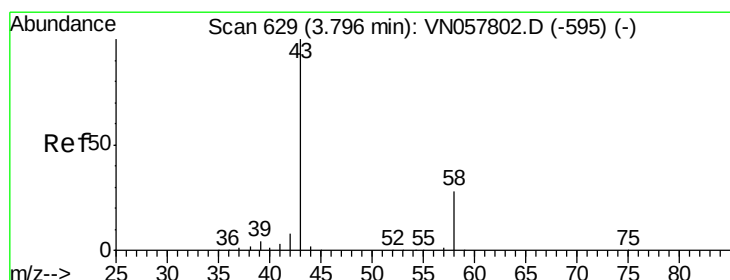
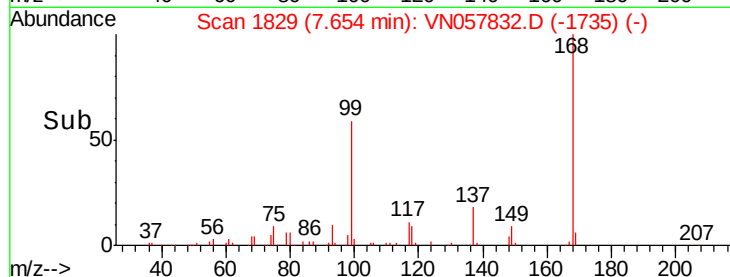
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 3.970 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN057832.D

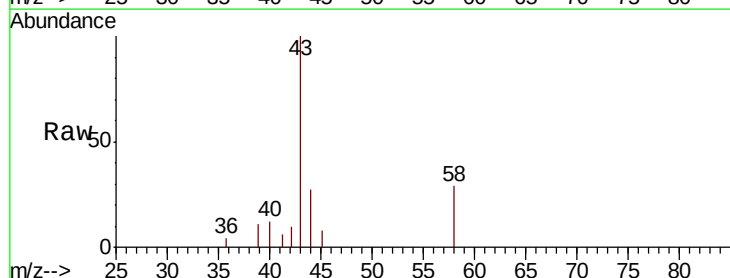
Acq: 10 Sep 2019 3:55

Tgt Ion: 43 Resp: 8129

Ion Ratio Lower Upper

43 100

58 32.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN057832.D (-536) (-)

Ion 58.00 (57.70 to 58.70): VN057832.D (-536) (-)

3.81

4000

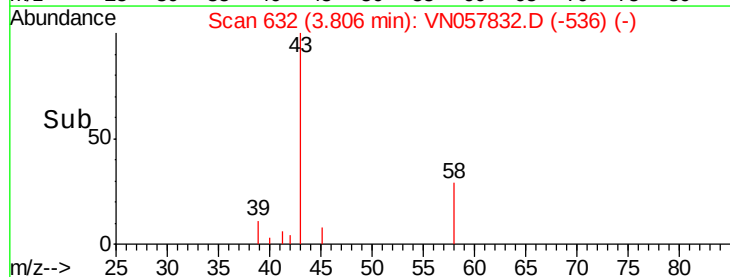
3000

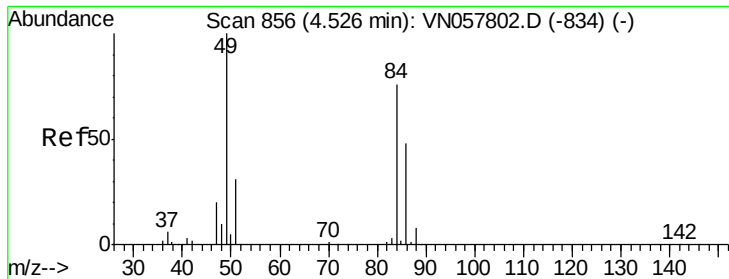
2000

1000

0

Time--> 3.75 3.80 3.85

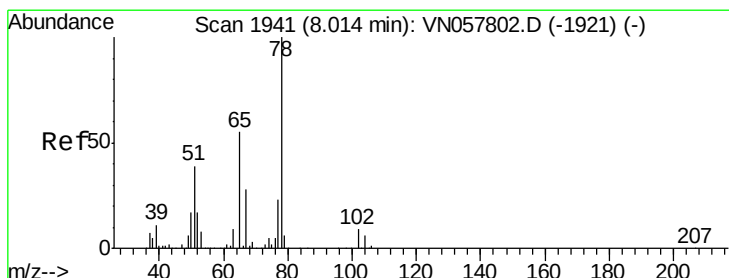
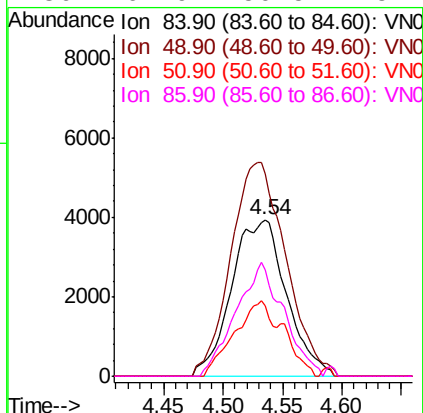
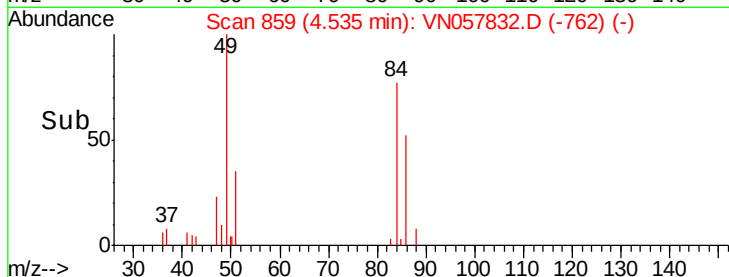
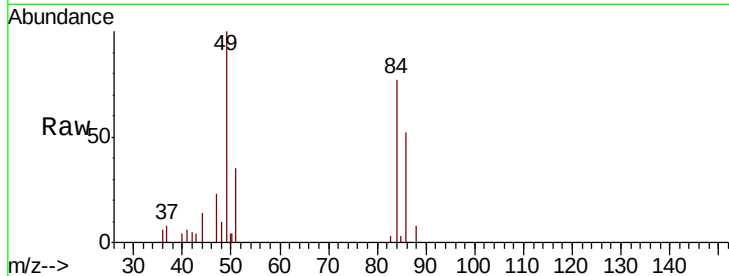




#20
Methylene Chloride
Concen: 2.042 ug/l
RT: 4.54 min Scan# 859
Delta R.T. 0.01 min
Lab File: VN057832.D
Acq: 10 Sep 2019 3:55

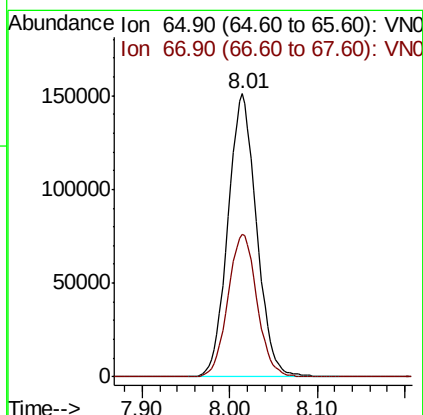
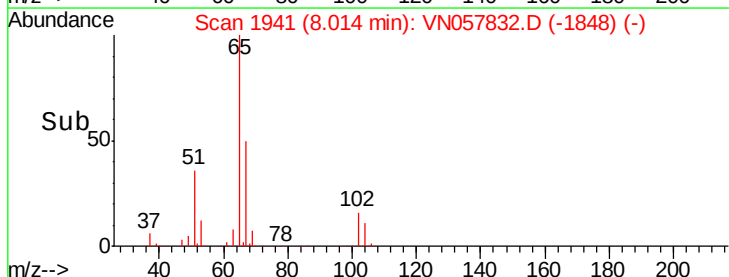
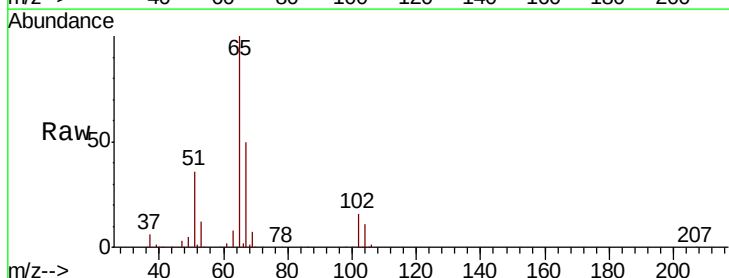
Instrument :
MSVOA_N
ClientSampleId :
PAR-12-F1-(3.11)

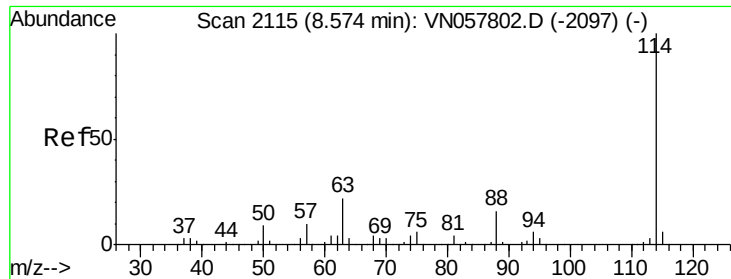
Tot Ion:	84	Resp:	12563
Ion	Ratio	Lower	Upper
84	100		
49	129.4	104.8	157.2
51	45.2	33.0	49.4
86	67.9	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 54.953 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057832.D
Acq: 10 Sep 2019 3:55

Tgt Ion:	65	Resp:	343257
Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	104.0

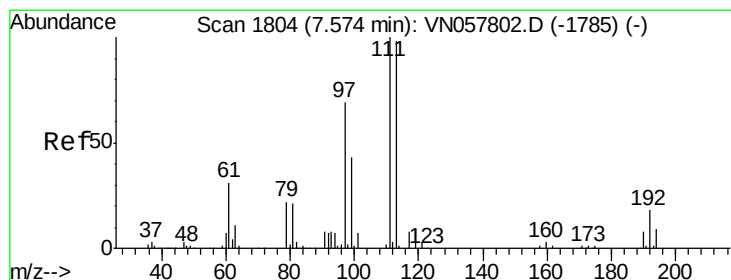
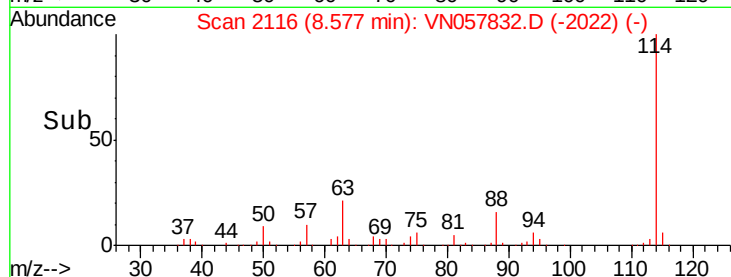
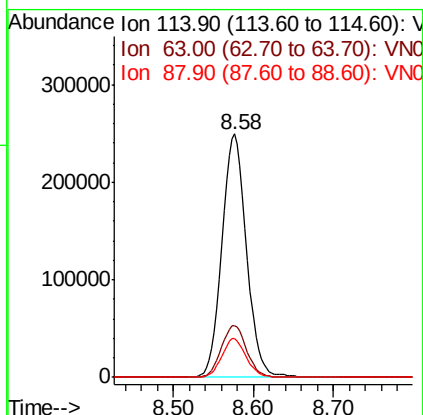
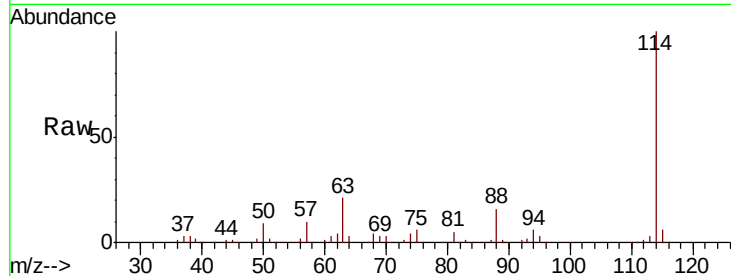




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057832.D
 Acq: 10 Sep 2019 3:55

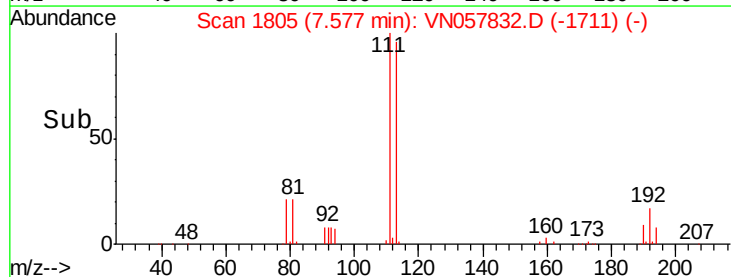
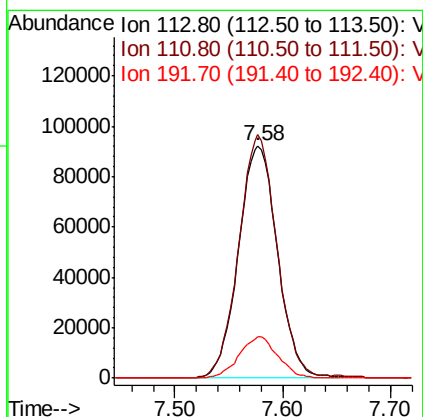
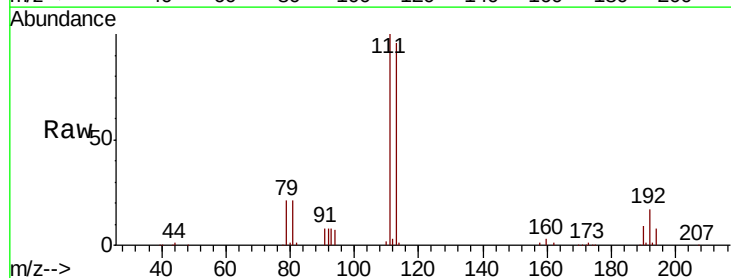
Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-12-F1-(3.11)

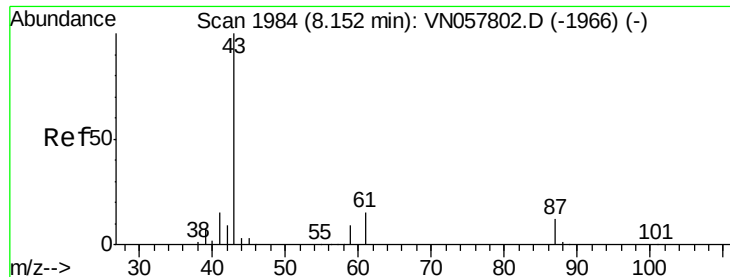
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.0
88	16.0	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 47.756 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057832.D
 Acq: 10 Sep 2019 3:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.3	121.9
192	17.7	14.6	22.0





#43

Isopropyl Acetate

Concen: 8.125 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057832.D

Acq: 10 Sep 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-F1-(3.11)

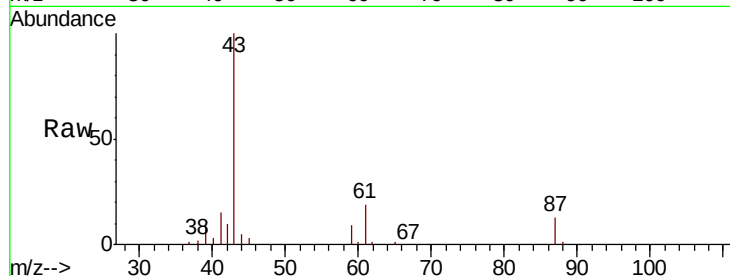
Tot Ion: 43 Resp: 86198

Ion Ratio Lower Upper

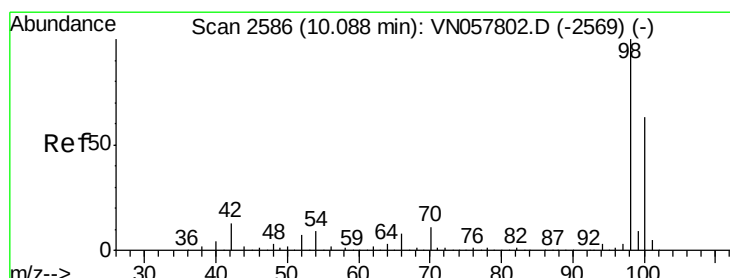
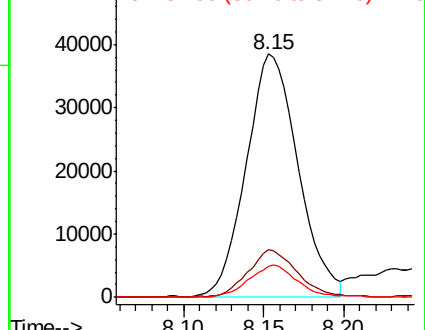
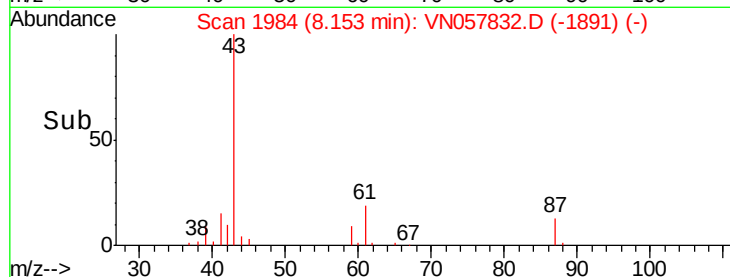
43 100

61 18.7 20.1 30.1#

87 12.4 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057832.D (-1891) (-)



#50

Toluene-d8

Concen: 50.142 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057832.D

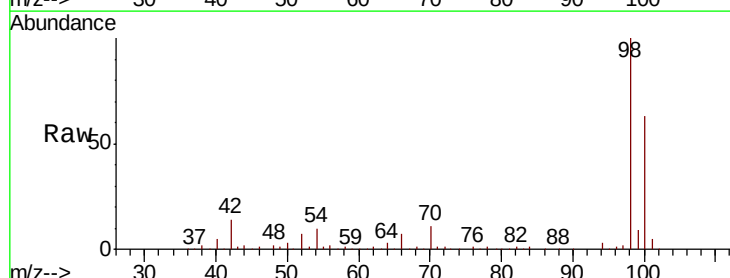
Acq: 10 Sep 2019 3:55

Tgt Ion: 98 Resp: 946056

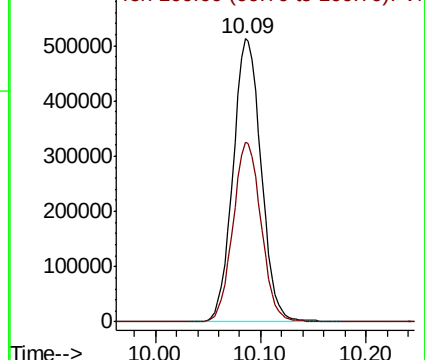
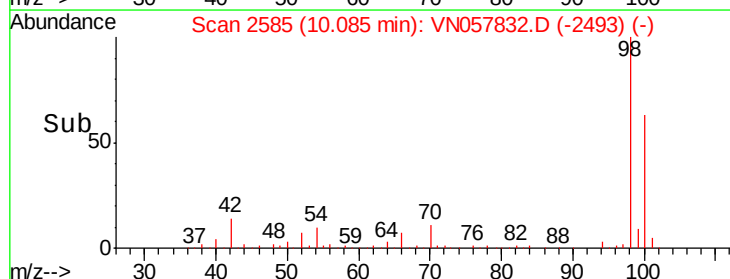
Ion Ratio Lower Upper

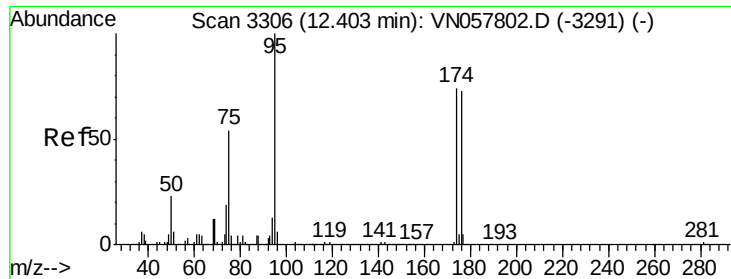
98 100

100 63.7 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057832.D (-2493) (-)

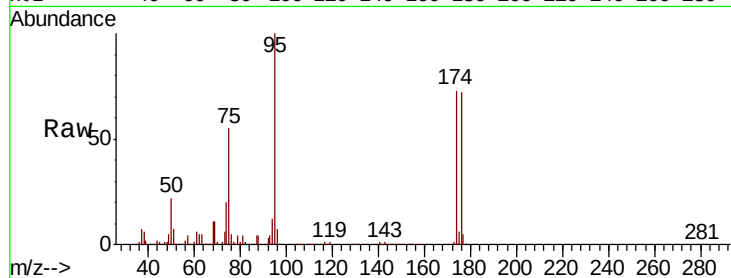




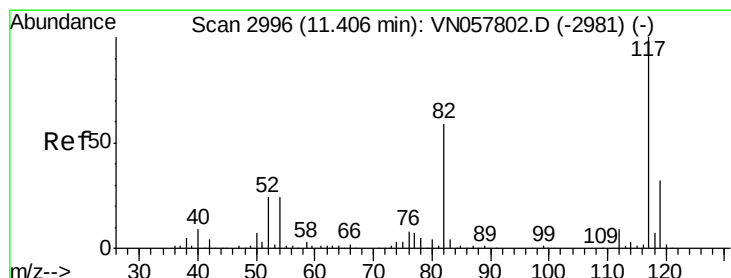
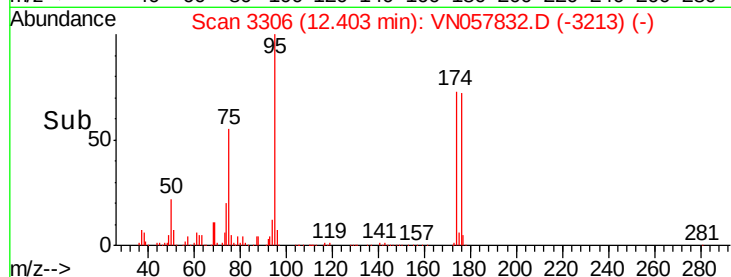
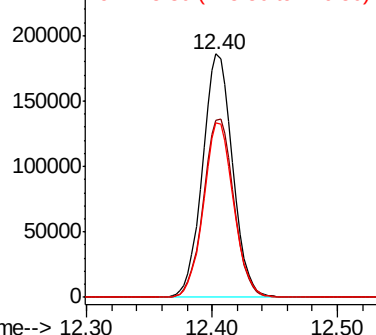
#62
4-Bromofluorobenzene
Concen: 43.026 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057832.D
Acq: 10 Sep 2019 3:55

Instrument :
MSVOA_N
ClientSampleId :
PAR-12-F1-(3.11)

Tot Ion	95	Resp	309364
Ion Ratio	100		
Lower			
Upper			
174	74.4	0.0	150.2
176	71.8	0.0	146.0

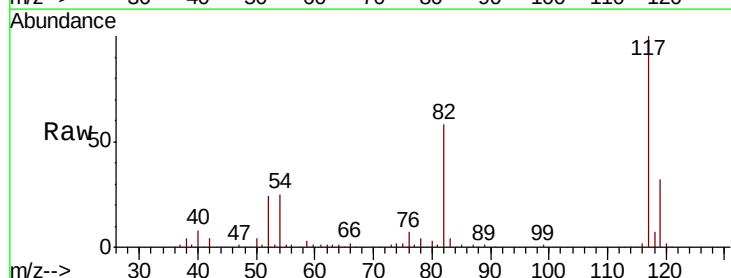


Abundance Ion 94.90 (94.60 to 95.60): VN057802.D (-3291) (-)

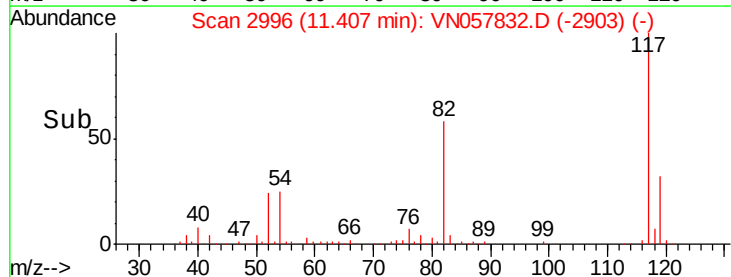
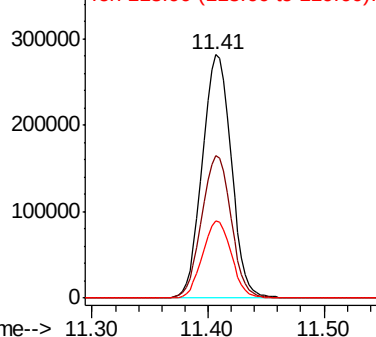


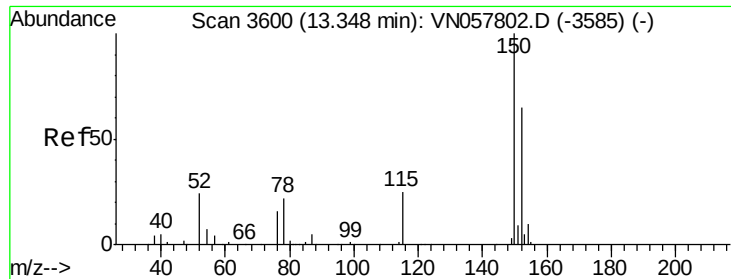
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057832.D
Acq: 10 Sep 2019 3:55

Tgt Ion	117	Resp	486522
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower <td></td> <td></td> <td></td>			
Upper <td></td> <td></td> <td></td>			
82	58.3	47.2	70.8
119	31.8	25.3	37.9



Abundance Ion 116.90 (116.60 to 117.60): VN057802.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057832.D

Acq: 10 Sep 2019 3:55

Instrument :

MSVOA_N

ClientSampleId :

PAR-12-F1-(3.11)

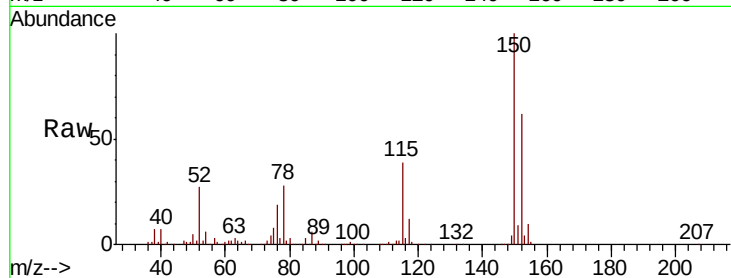
Tot Ion:152 Resp: 244898

Ion Ratio Lower Upper

152 100

115 61.9 30.3 91.0

150 159.8 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

