

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091019\
 Data File : VN057837.D
 Acq On : 10 Sep 2019 5:46
 Operator : JC/SP
 Sample : K4622-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-11-A1-(0)

Quant Time: Sep 10 08:38:45 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

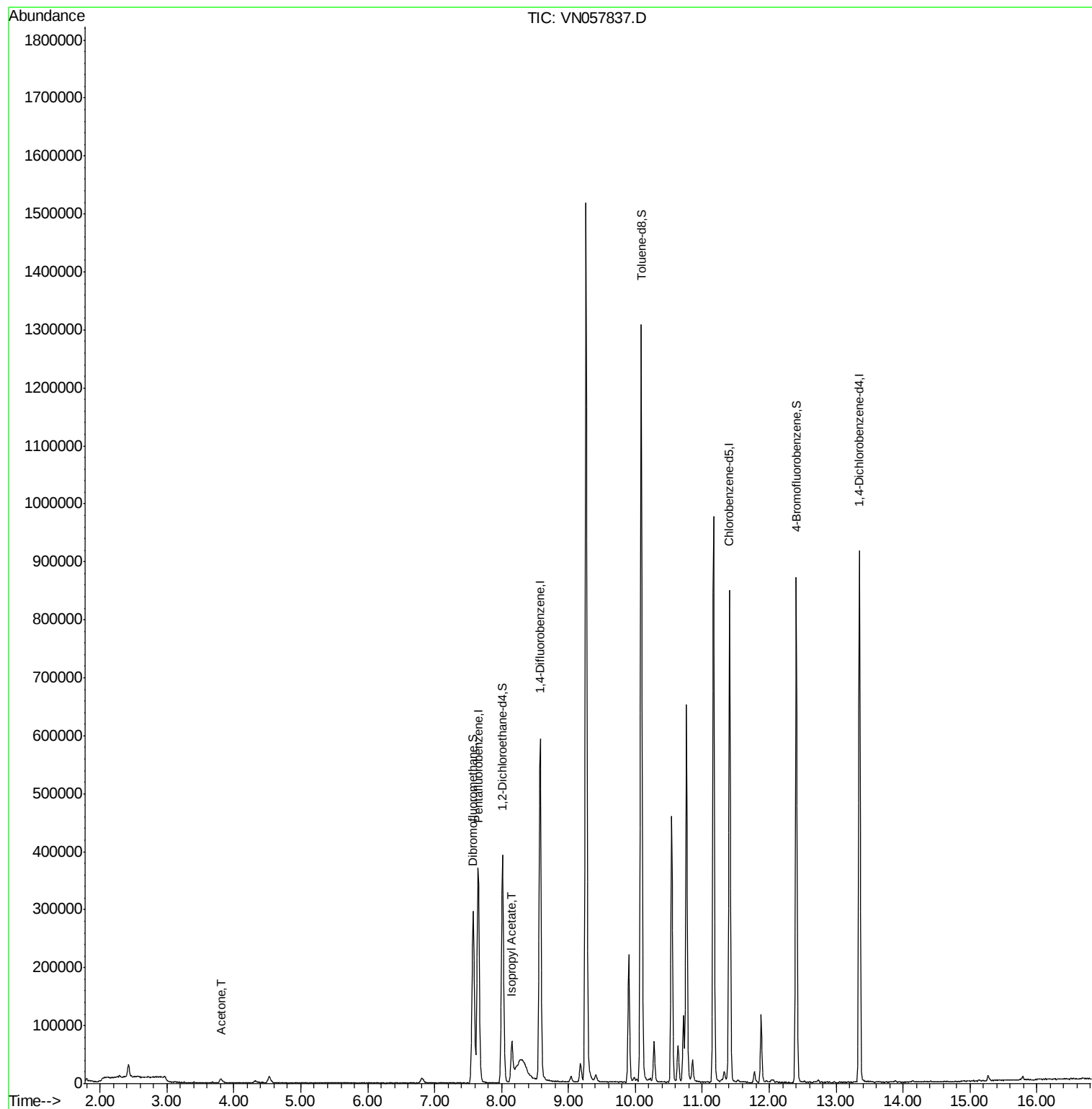
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	287767	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	498132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	452330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	230066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	337541	57.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.82%	
35) Dibromofluoromethane	7.58	113	222562	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	10.08	98	895784	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.40	95	287853	42.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.64%	
Target Compounds						
16) Acetone	3.80	43	12288	6.431	ug/l	97
43) Isopropyl Acetate	8.16	43	94509	9.416	ug/l #	89

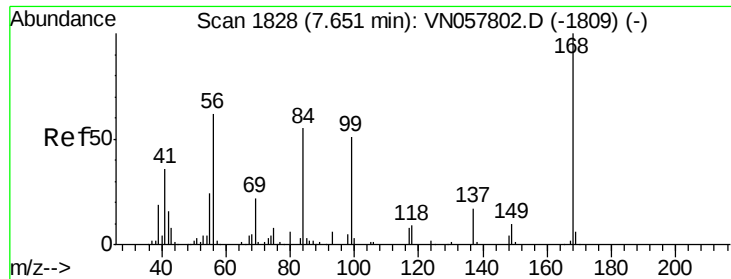
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057837.D

Acq: 10 Sep 2019 5:46

Instrument :

MSVOA_N

ClientSampled :

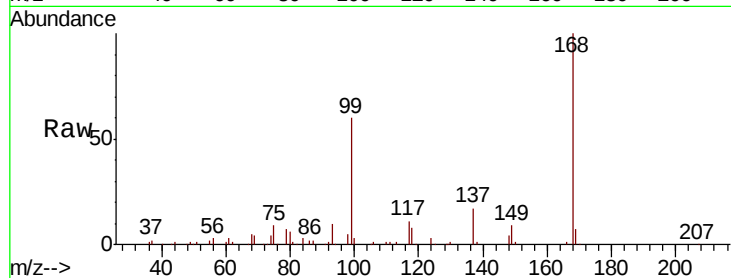
PAR-11-A1-(0)

Tot Ion:168 Resp: 287767

Ion Ratio Lower Upper

168 100

99 60.3 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

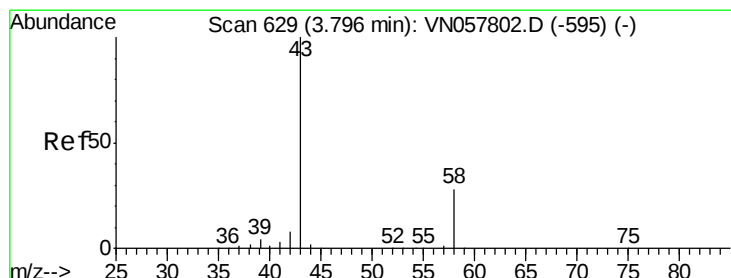
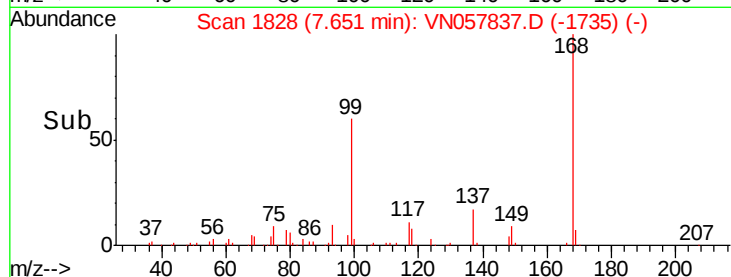
7.65

100000

50000

0

Time-->



#16

Acetone

Concen: 6.431 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057837.D

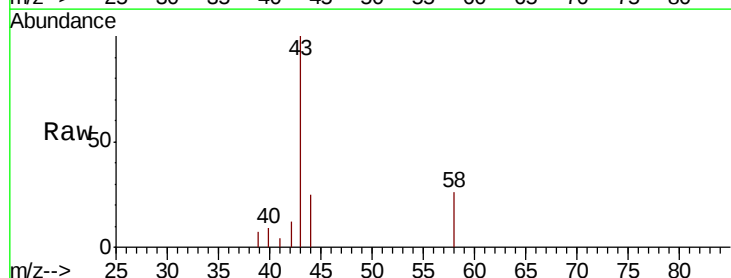
Acq: 10 Sep 2019 5:46

Tgt Ion: 43 Resp: 12288

Ion Ratio Lower Upper

43 100

58 26.3 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.80

5000

4000

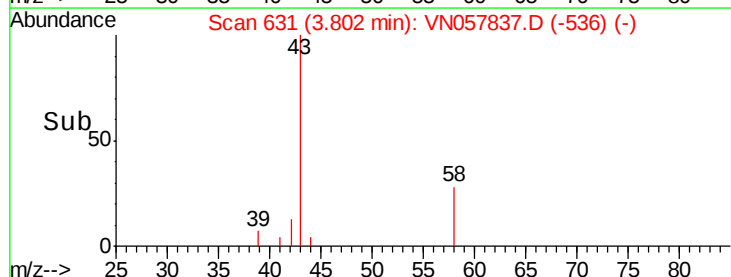
3000

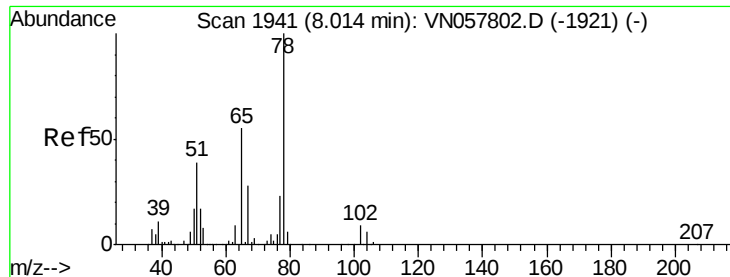
2000

1000

0

Time-->

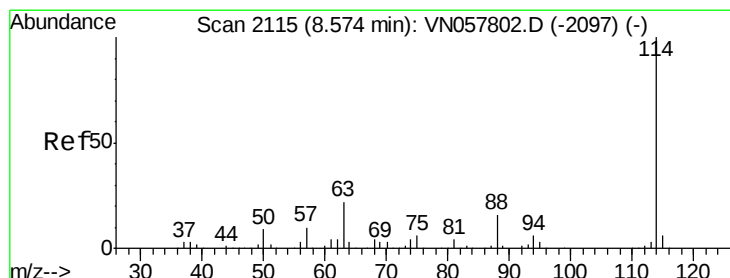
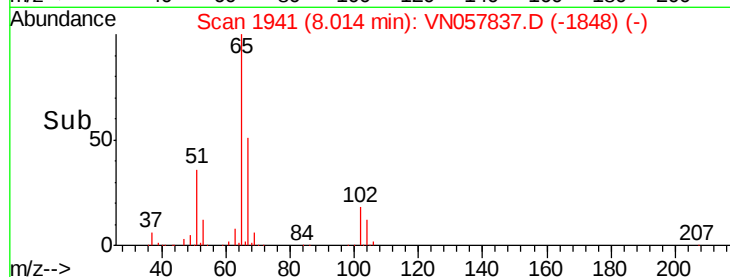
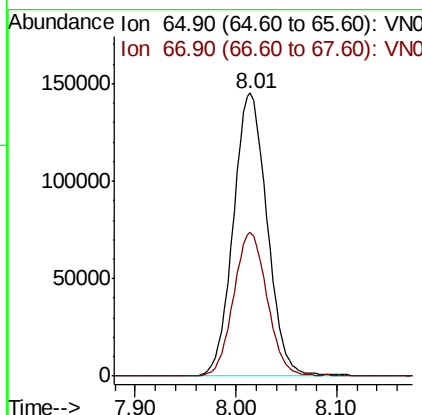
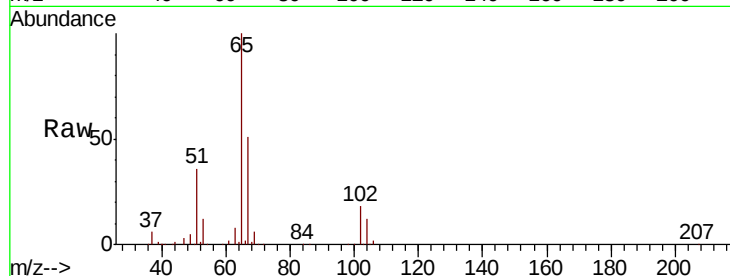




#33
 1,2-Dichloroethane-d4
 Concen: 57.912 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057837.D
 Acq: 10 Sep 2019 5:46

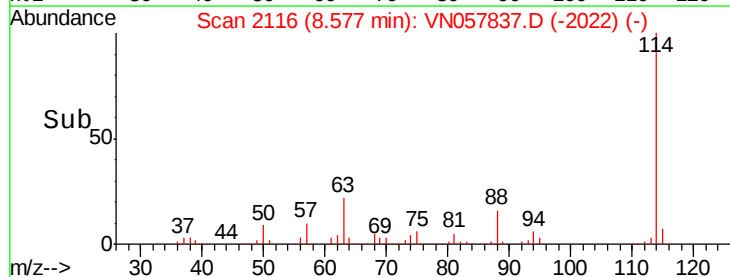
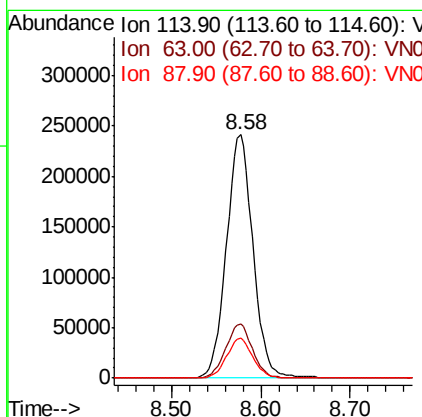
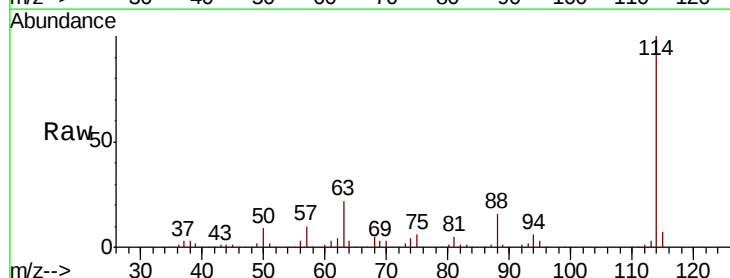
Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-11-A1-(0)

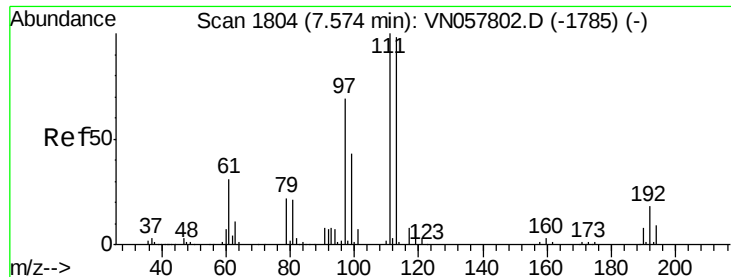
Tot Ion: 65 Resp: 337541
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057837.D
 Acq: 10 Sep 2019 5:46

Tgt Ion: 114 Resp: 498132
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 44.0
 88 16.2 0.0 31.4

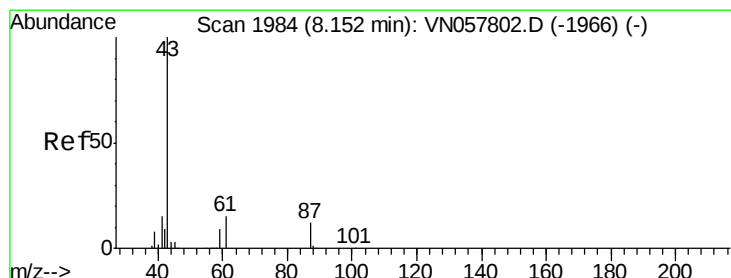
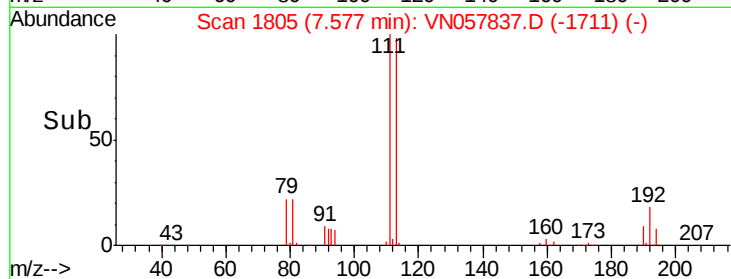
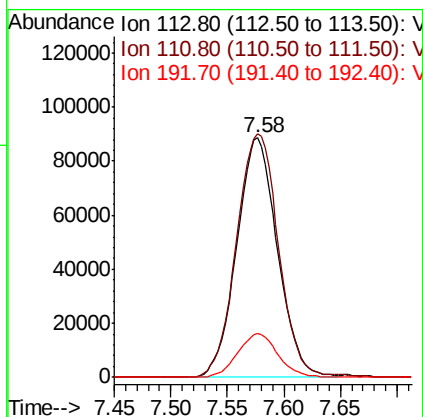
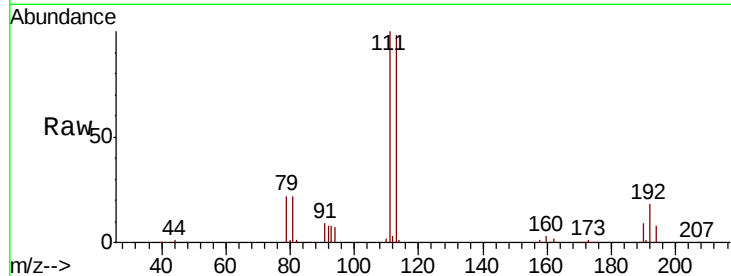




#35
 Dibromofluoromethane
 Concen: 48.409 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057837.D
 Acq: 10 Sep 2019 5:46

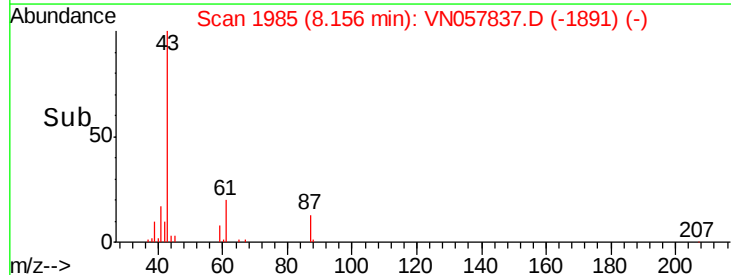
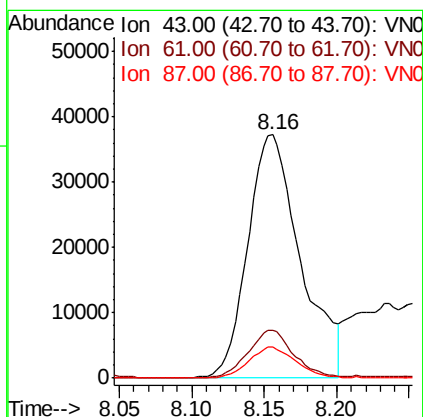
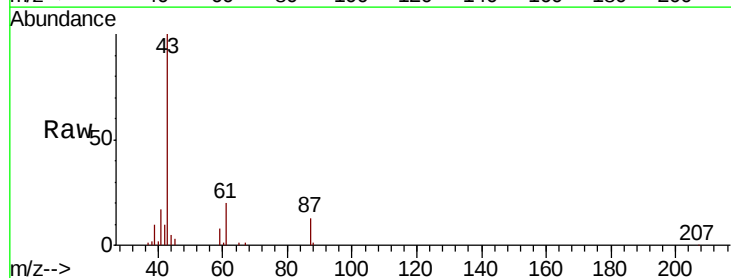
Instrument :
 MSVOA_N
 ClientSampleId :
 PAR-11-A1-(0)

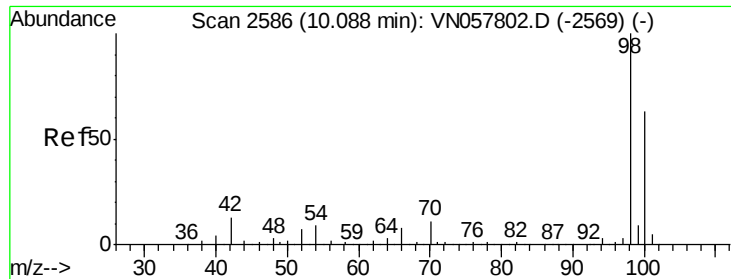
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.3	121.9
192	17.9	14.6	22.0



#43
 Isopropyl Acetate
 Concen: 9.416 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057837.D
 Acq: 10 Sep 2019 5:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.0	20.1	30.1#
87	11.2	9.5	14.3





#50

Toluene-d8

Concen: 50.183 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057837.D

Acq: 10 Sep 2019 5:46

Instrument :

MSVOA_N

ClientSampleId :

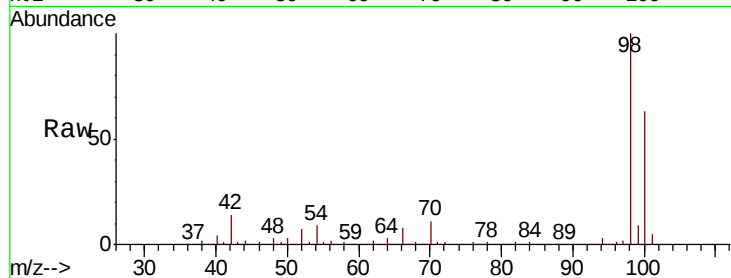
PAR-11-A1-(0)

Tot Ion: 98 Resp: 895784

Ion Ratio Lower Upper

98 100

100 63.0 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057837.D (-2493) (-)

10.08

500000

400000

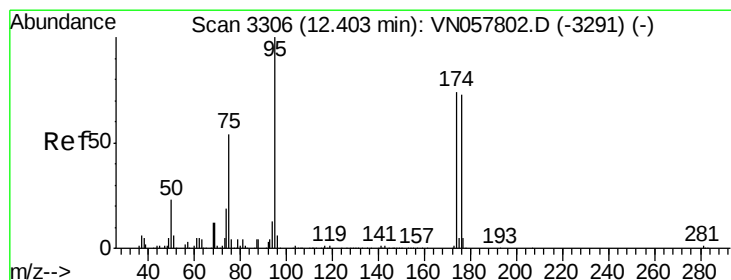
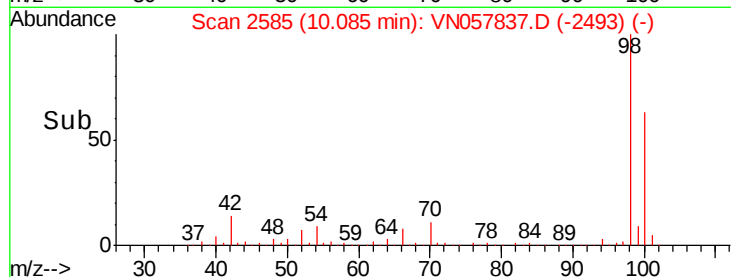
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.316 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057837.D

Acq: 10 Sep 2019 5:46

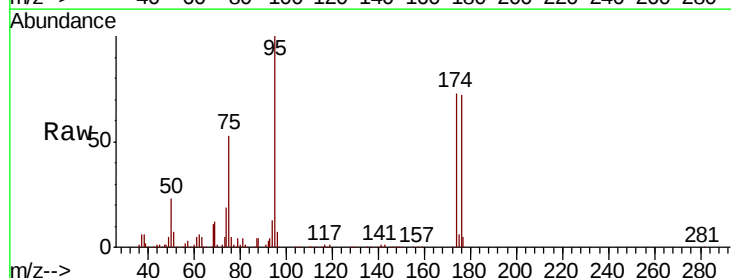
Tgt Ion: 95 Resp: 287853

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.2

176 72.8 0.0 146.0



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

Ion 173.80 (173.50 to 174.50): VN057837.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN057837.D (-3213) (-)

12.40

200000

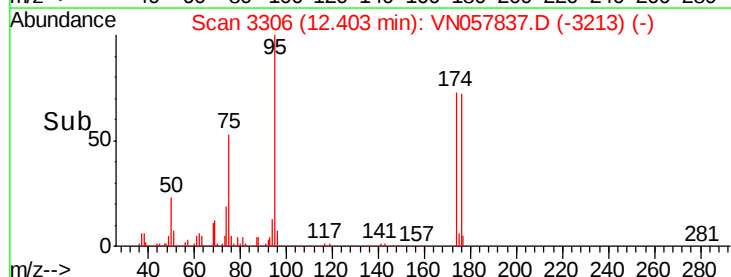
150000

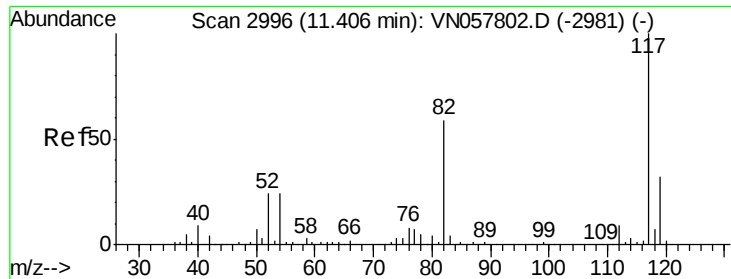
100000

50000

0

Time-->

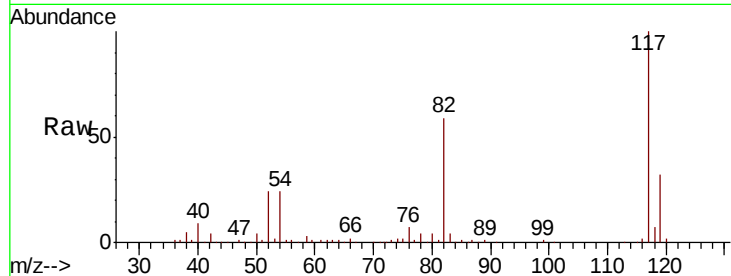




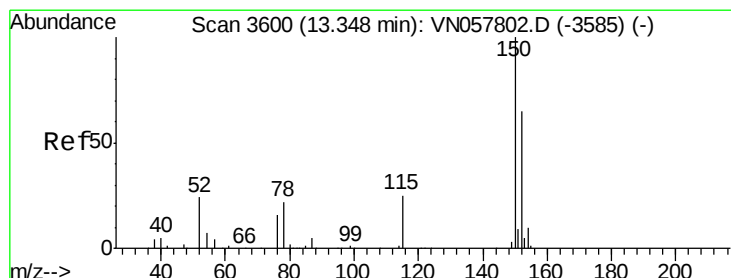
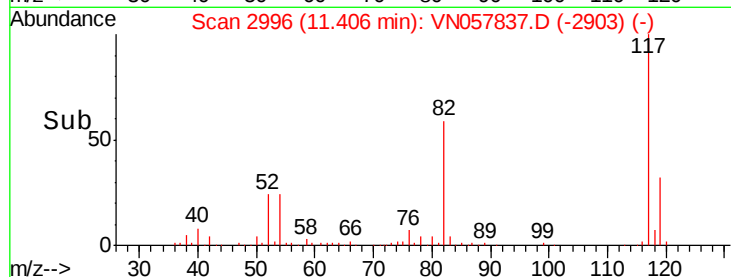
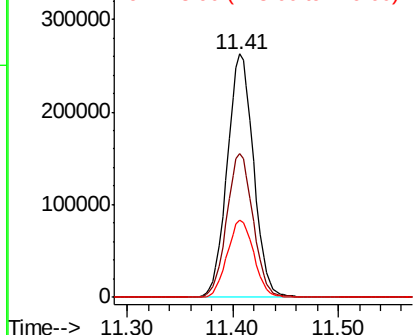
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057837.D
Acq: 10 Sep 2019 5:46

Instrument :
MSVOA_N
ClientSampleId :
PAR-11-A1-(0)

Tot Ion:117 Resp: 452330
Ion Ratio Lower Upper
117 100
82 59.3 47.2 70.8
119 31.8 25.3 37.9

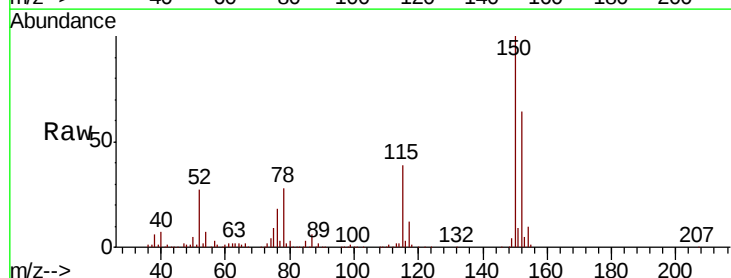


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN057837.D
Acq: 10 Sep 2019 5:46

Tgt Ion:152 Resp: 230066
Ion Ratio Lower Upper
152 100
115 60.4 30.3 91.0
150 156.9 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

