

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091720\
 Data File : VD066748.D
 Acq On : 17 Sep 2020 16:55
 Operator : VA/SY
 Sample : L4062-03
 Misc : 3.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-NI4-1

Quant Time: Sep 28 08:20:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	294514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	534829	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	530637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	241364	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	205936	65.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.08%	
35) Dibromofluoromethane	7.91	113	190809	58.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.38%	
50) Toluene-d8	10.34	98	663332	56.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.56%	
62) 4-Bromofluorobenzene	12.63	95	236655	58.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.38%	

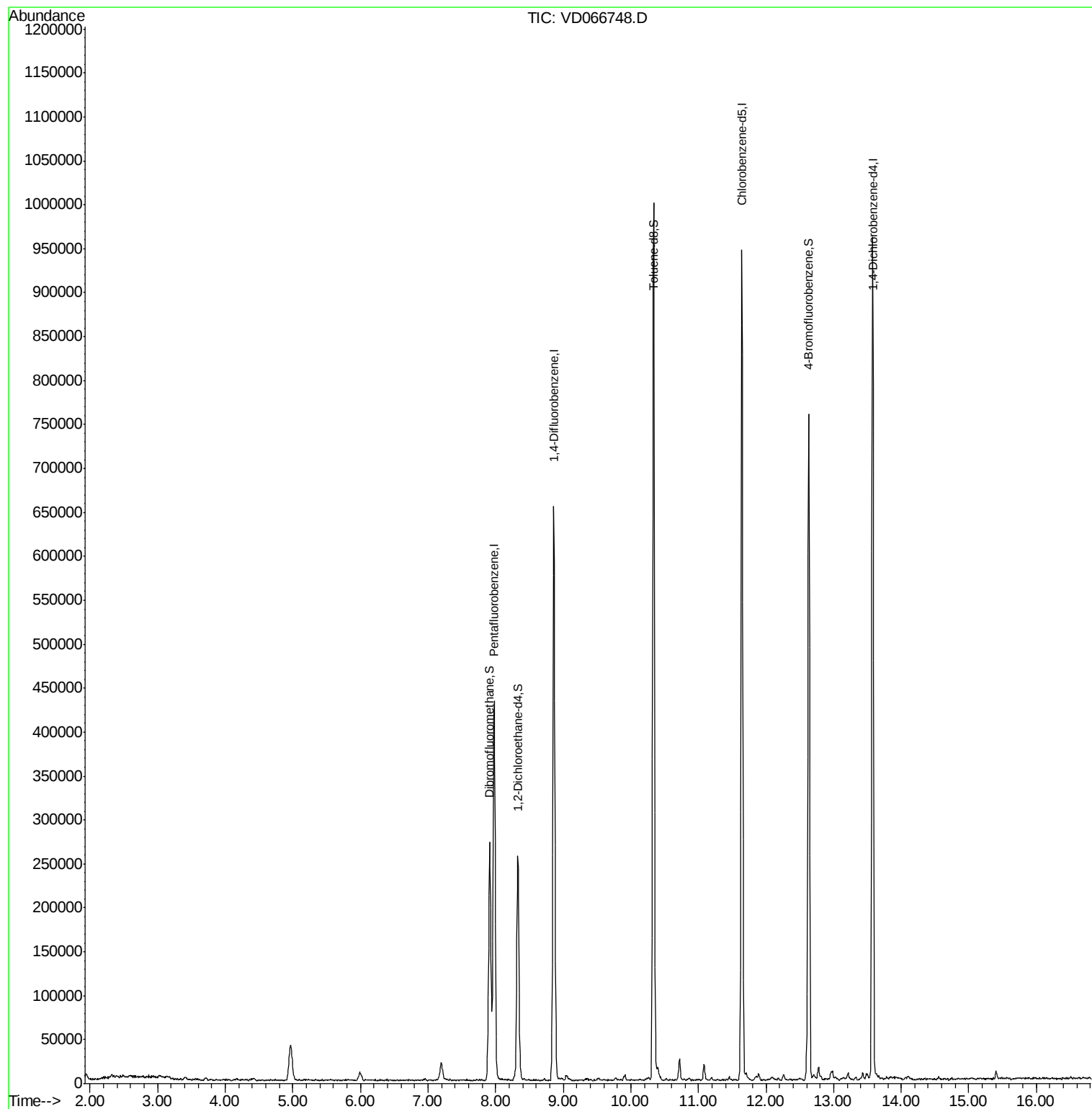
Target Compounds	Qvalue

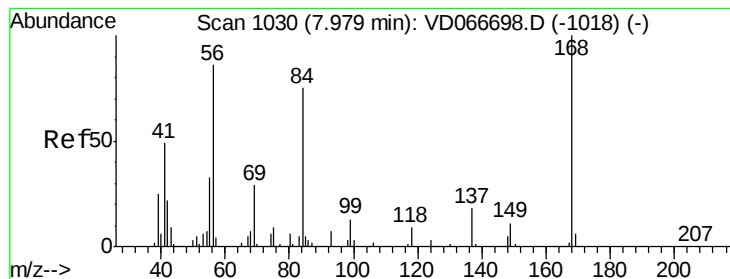
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066748.D

Acq: 17 Sep 2020 16:55

Instrument :

MSVOA_D

ClientSampleId :

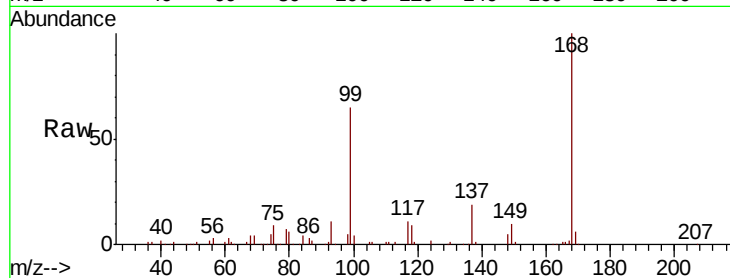
EROC-NI4-1

Tot Ion:168 Resp: 294514

Ion Ratio Lower Upper

168 100

99 64.7 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

150000

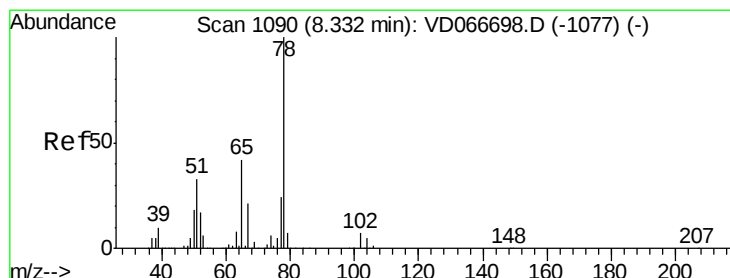
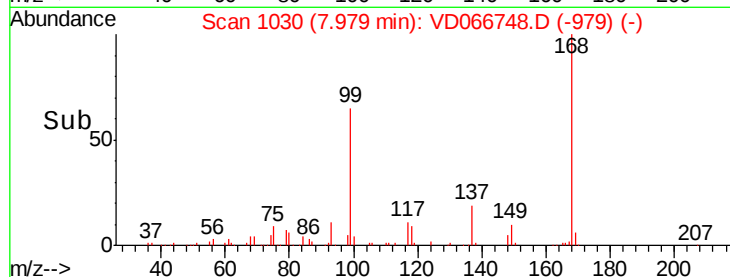
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 65.537 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066748.D

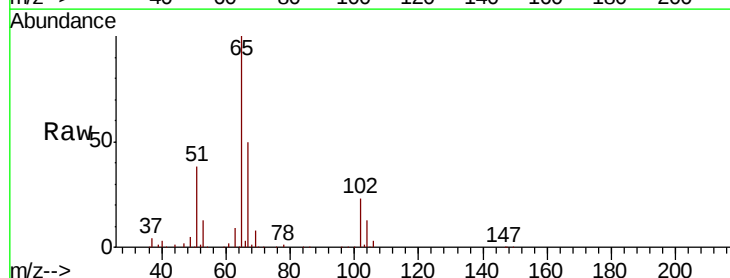
Acq: 17 Sep 2020 16:55

Tgt Ion: 65 Resp: 205936

Ion Ratio Lower Upper

65 100

67 50.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): V

Ion 66.90 (66.60 to 67.60): V

8.33

100000

80000

60000

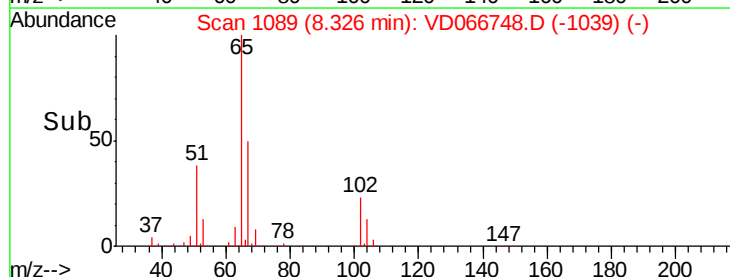
40000

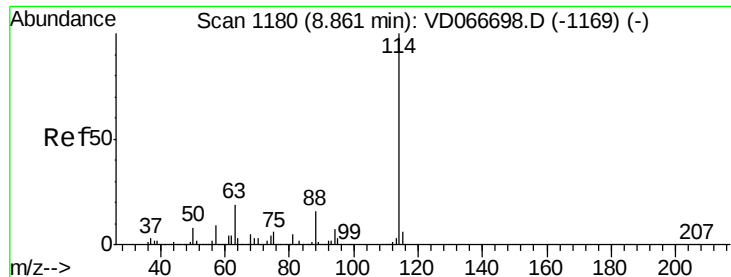
20000

0

8.20 8.30 8.40

Time-->

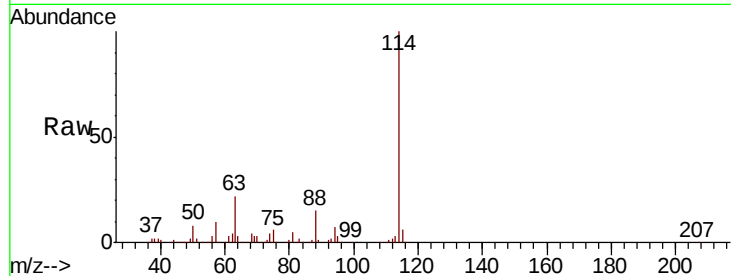




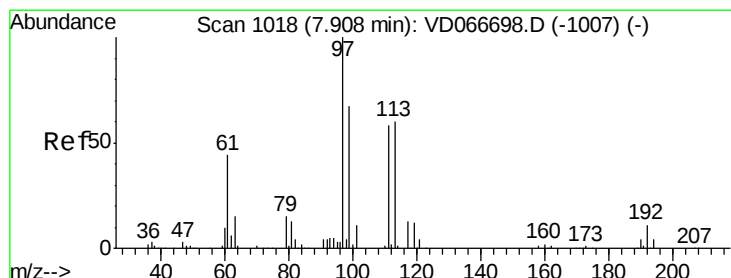
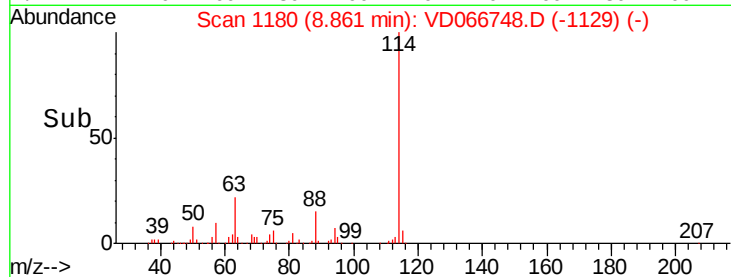
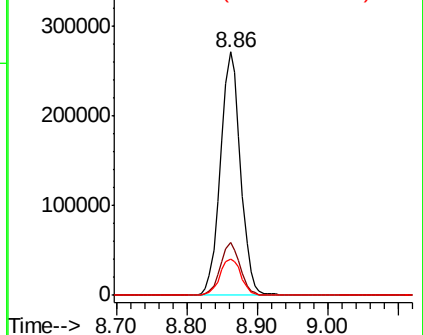
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066748.D
 Acq: 17 Sep 2020 16:55

Instrument :
 MSVOA_D
 ClientSampleId :
 EROC-NI4-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	37.6
88	15.1	0.0	32.2

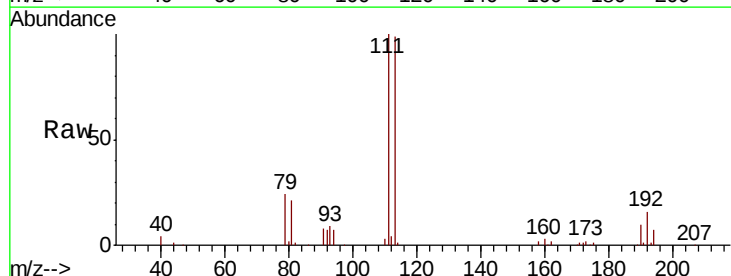


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

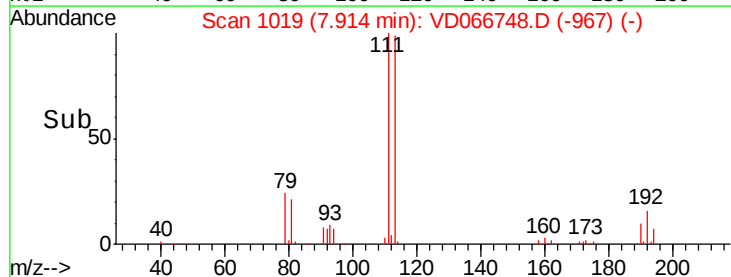
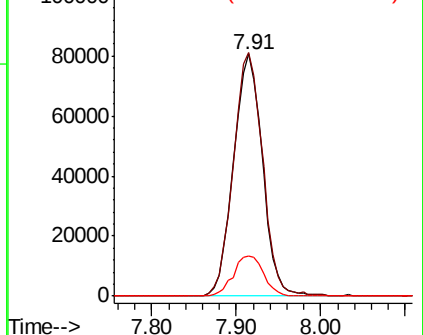


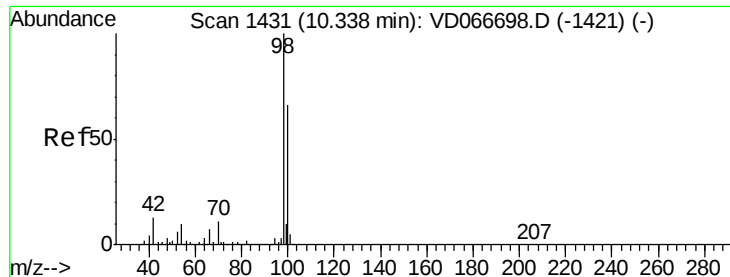
#35
 Dibromofluoromethane
 Concen: 58.191 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066748.D
 Acq: 17 Sep 2020 16:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.2	124.8
192	17.3	14.8	22.2



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

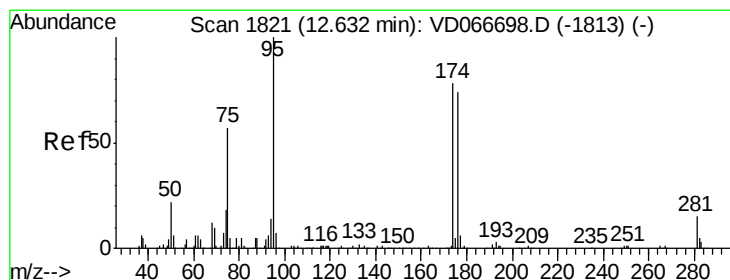
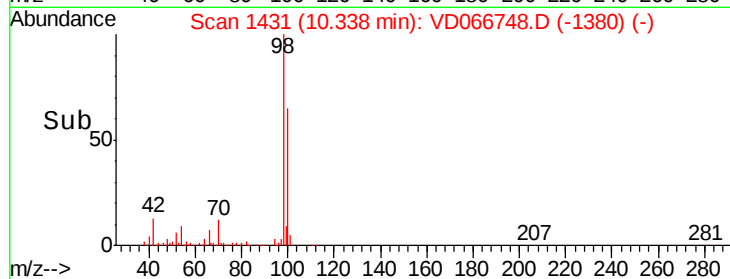
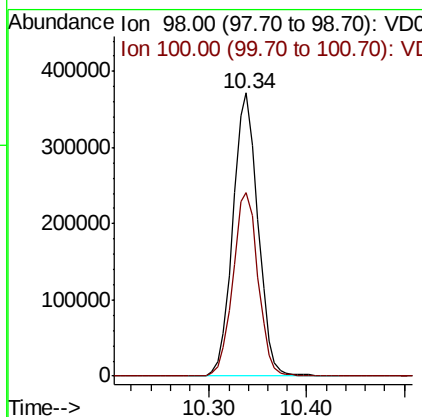
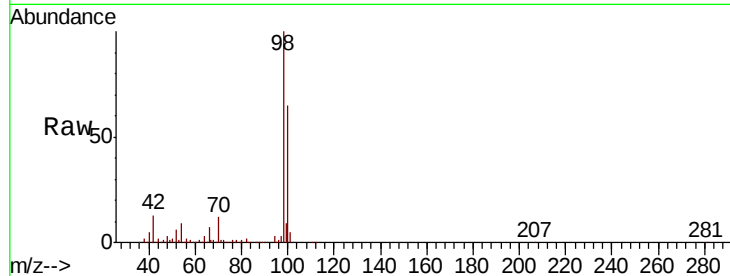




#50
Toluene-d8
Concen: 56.781 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

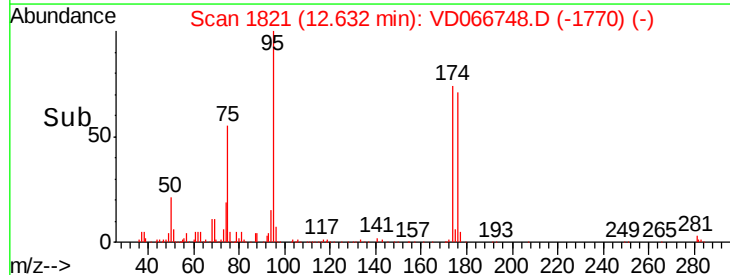
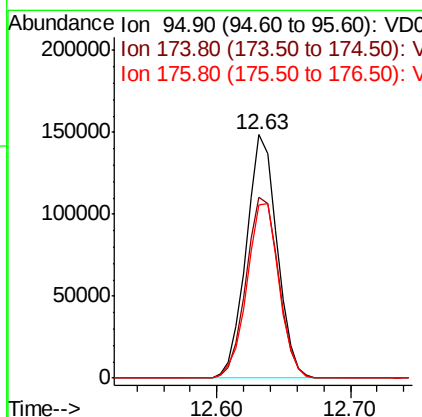
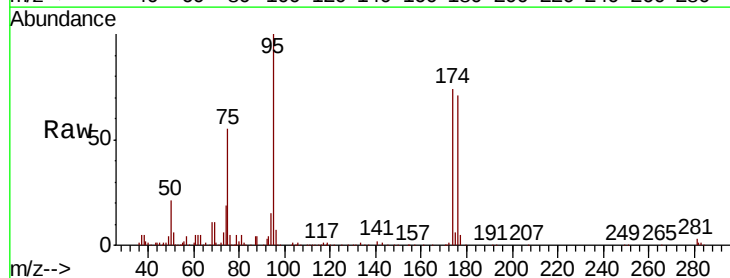
Instrument :
MSVOA_D
ClientSampleId :
EROC-NI4-1

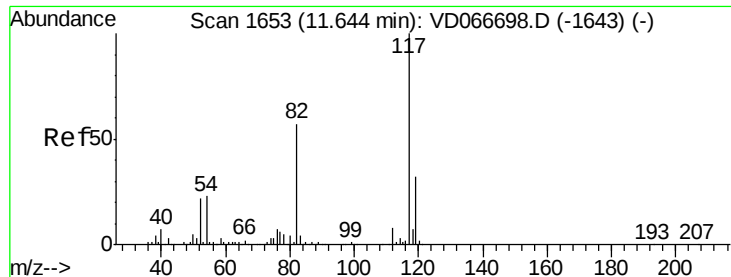
Tot Ion: 98 Resp: 663332
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 58.686 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

Tgt Ion: 95 Resp: 236655
Ion Ratio Lower Upper
95 100
174 78.0 0.0 156.6
176 74.5 0.0 150.2

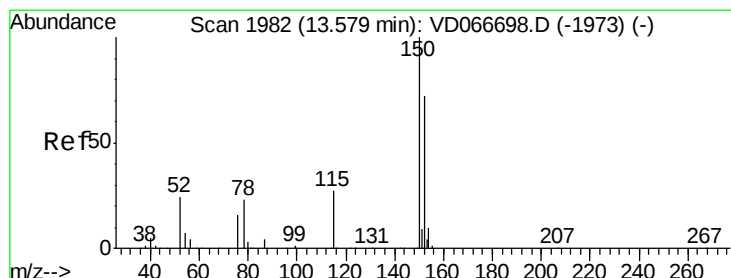
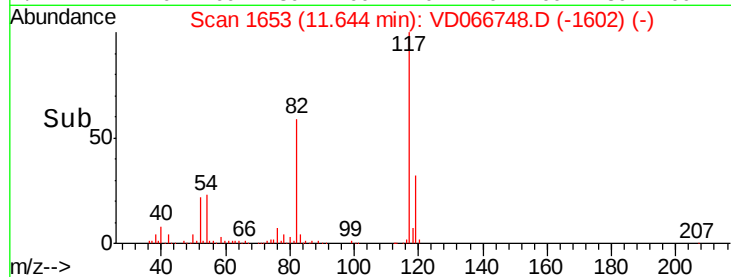
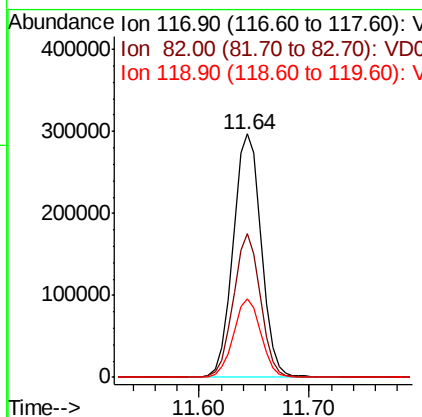
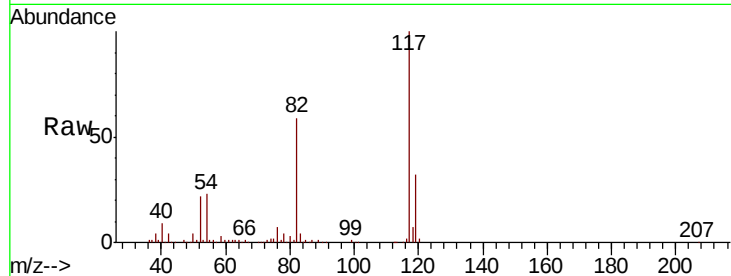




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

Instrument :
MSVOA_D
ClientSampleId :
EROC-NI4-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.9	45.4	68.0
119	32.1	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066748.D
Acq: 17 Sep 2020 16:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.5	91.5
150	158.5	0.0	344.6

