

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066785.D
 Acq On : 21 Sep 2020 16:20
 Operator : VA/SY
 Sample : L4076-01
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-ROC

Quant Time: Sep 22 01:18:50 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	424013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	745733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	712842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	316408	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	228283	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
35) Dibromofluoromethane	7.91	113	236462	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
50) Toluene-d8	10.34	98	888180	54.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.06%	
62) 4-Bromofluorobenzene	12.63	95	298743	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	

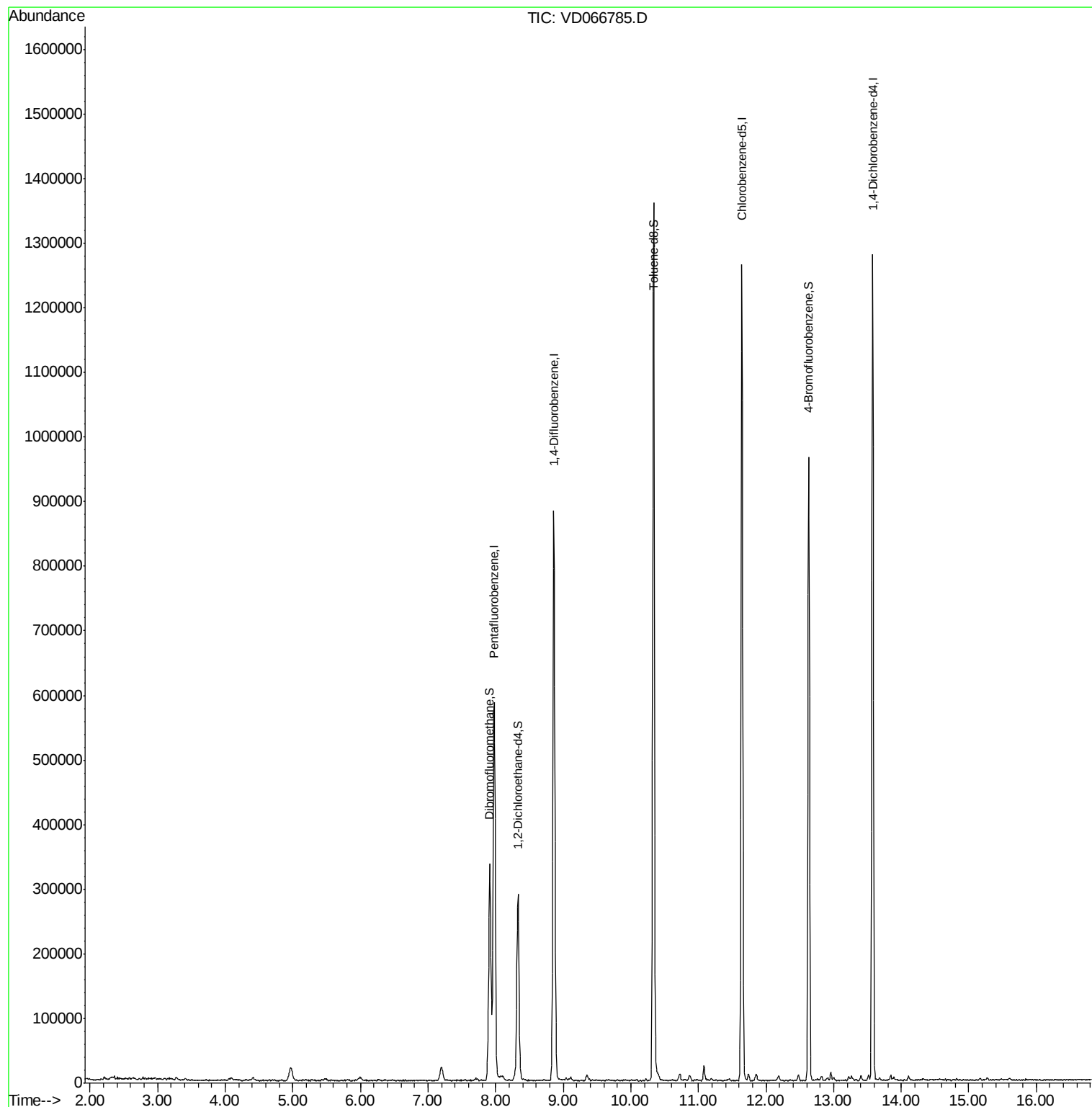
Target Compounds	Qvalue

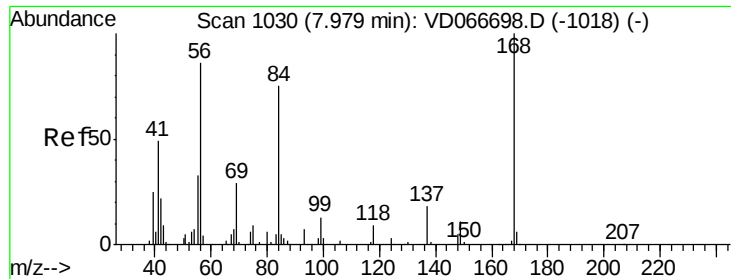
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066785.D

Acq: 21 Sep 2020 16:20

Instrument :

MSVOA_D

ClientSampleId :

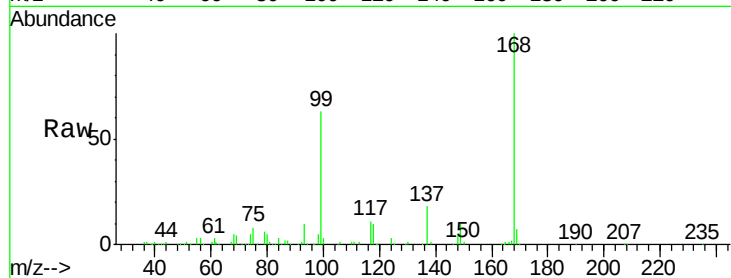
TS-ROC

Tot Ion:168 Resp: 424013

Ion Ratio Lower Upper

168 100

99 63.0 54.4 81.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

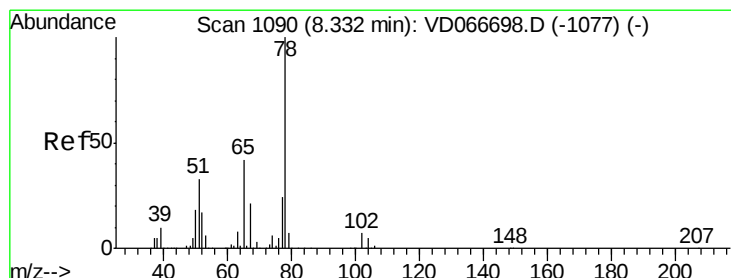
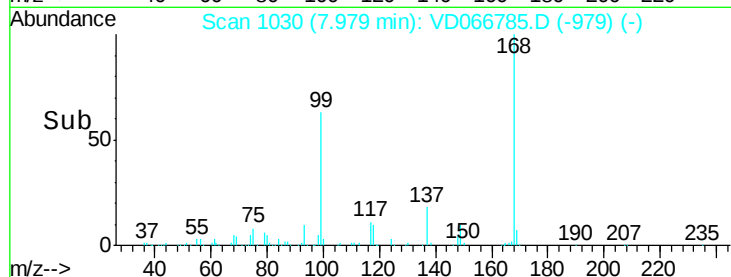
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.461 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066785.D

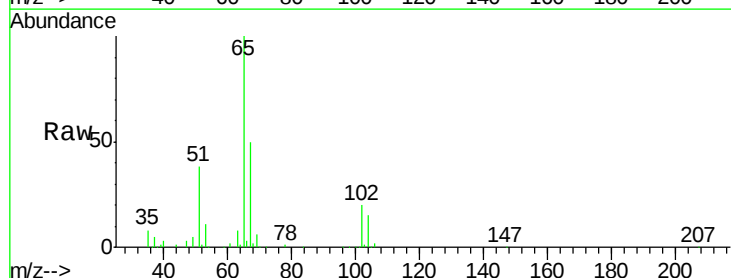
Acq: 21 Sep 2020 16:20

Tgt Ion: 65 Resp: 228283

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

120000

100000

80000

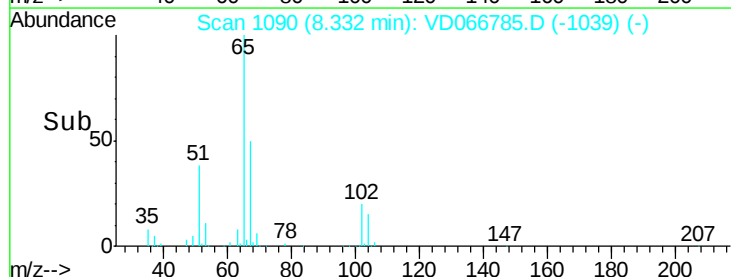
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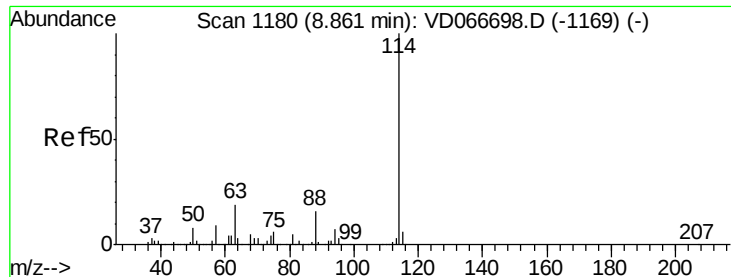
40000

20000

0

Time-->

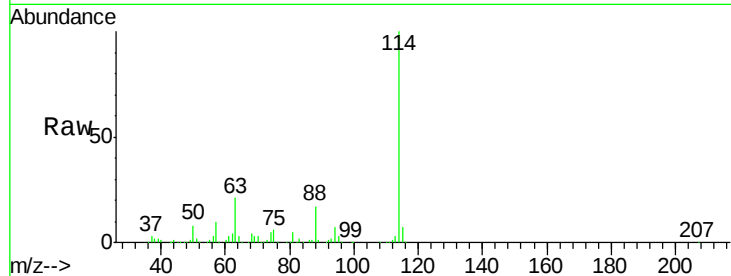




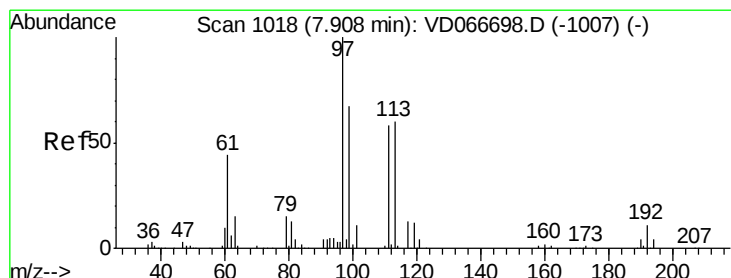
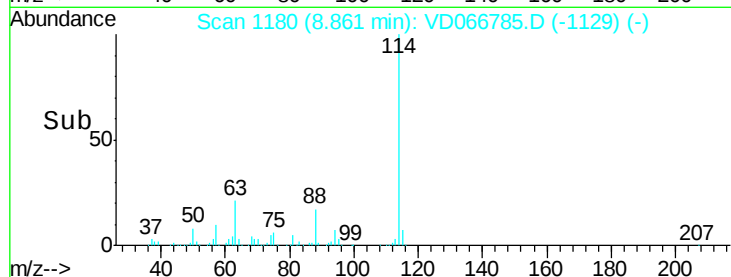
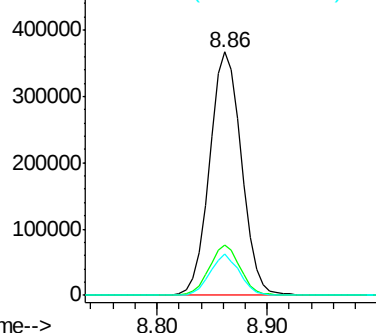
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VD066785.D
 Acq: 21 Sep 2020 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-ROC

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	37.6
88	17.2	0.0	32.2

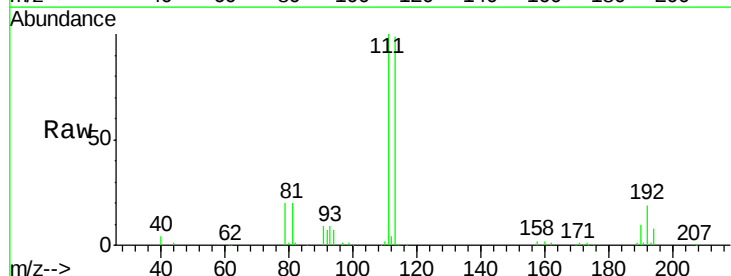


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

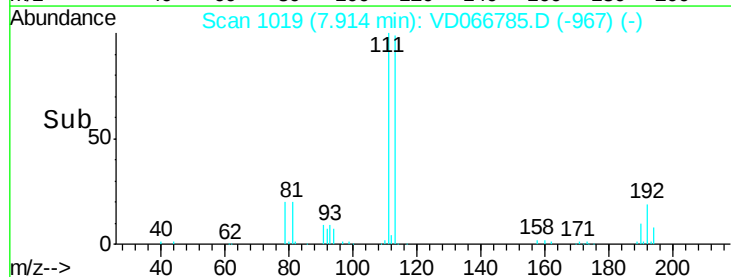
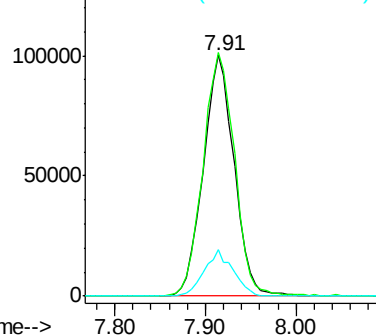


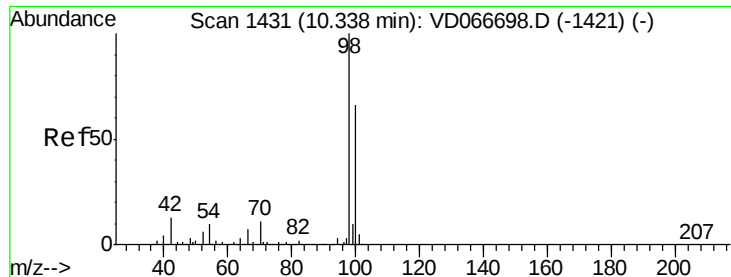
#35
 Dibromofluoromethane
 Concen: 51.719 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066785.D
 Acq: 21 Sep 2020 16:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.2	124.8
192	18.0	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

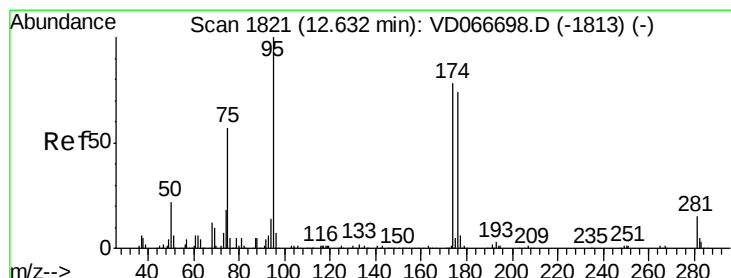
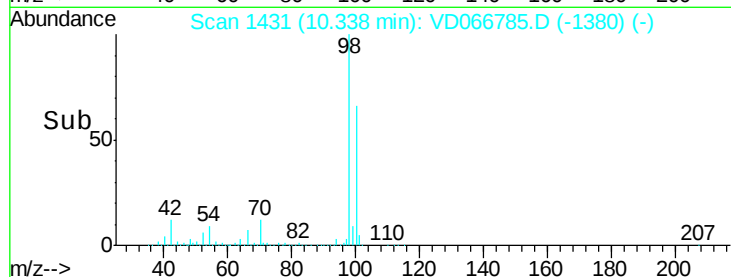
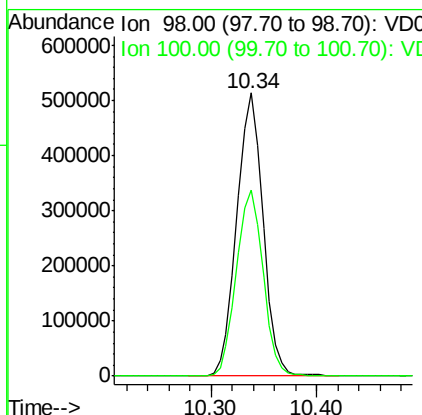
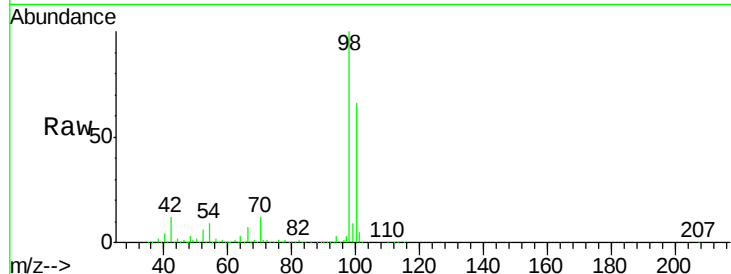




#50
Toluene-d8
Concen: 54.526 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066785.D
Acq: 21 Sep 2020 16:20

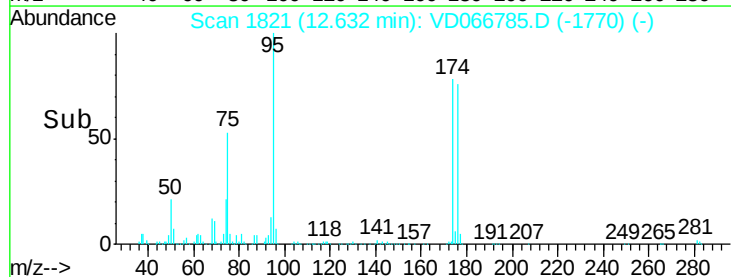
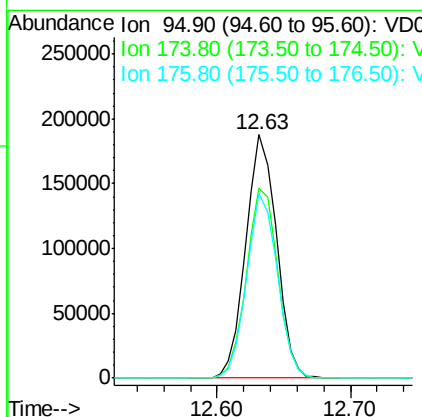
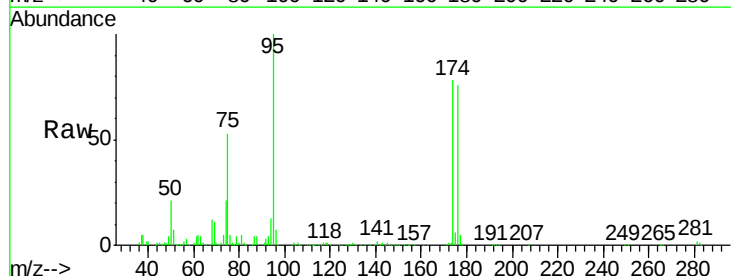
Instrument :
MSVOA_D
ClientSampleId :
TS-ROC

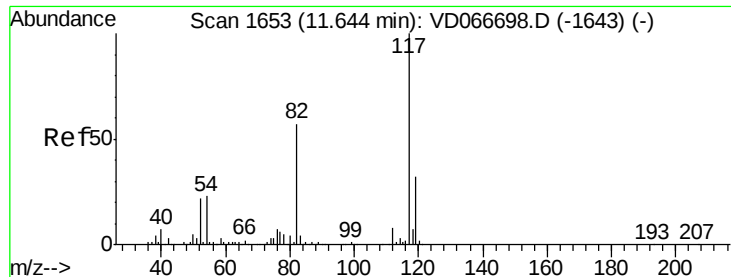
Tot Ion: 98 Resp: 888180
Ion Ratio Lower Upper
98 100
100 66.8 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.131 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066785.D
Acq: 21 Sep 2020 16:20

Tgt Ion: 95 Resp: 298743
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.6
176 75.5 0.0 150.2

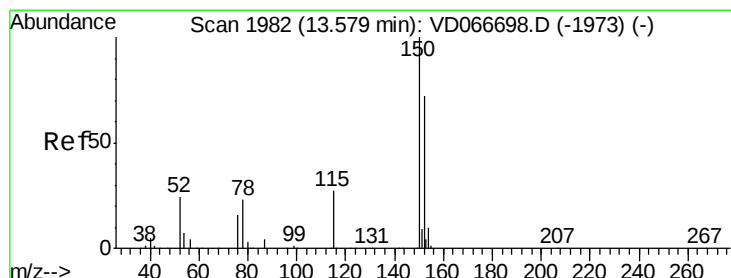
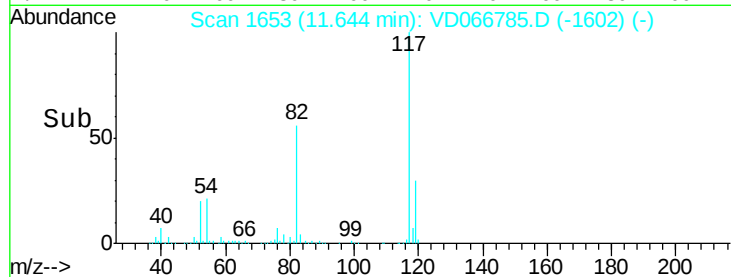
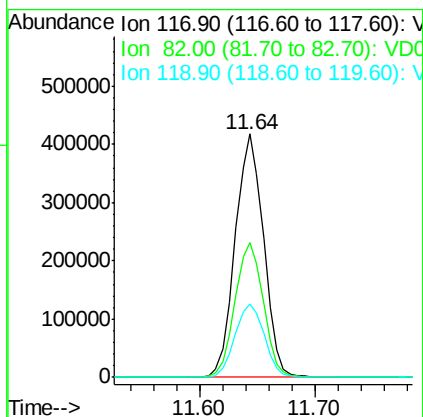
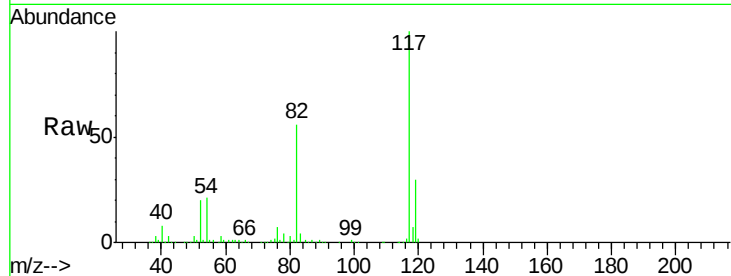




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066785.D
Acq: 21 Sep 2020 16:20

Instrument :
MSVOA_D
ClientSampled :
TS-ROC

Tot Ion:117 Resp: 712842
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 30.3 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: VD066785.D
Acq: 21 Sep 2020 16:20

Tgt Ion:152 Resp: 316408
Ion Ratio Lower Upper
152 100
115 61.3 30.5 91.5
150 157.3 0.0 344.6

