

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066787.D
 Acq On : 21 Sep 2020 17:15
 Operator : VA/SY
 Sample : L4017-11
 Misc : 5.51G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-11

Quant Time: Sep 22 01:24:29 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	387324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	700640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	677769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	307713	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	225569	54.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.16%	
35) Dibromofluoromethane	7.91	113	229328	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
50) Toluene-d8	10.34	98	845832	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	
62) 4-Bromofluorobenzene	12.63	95	296316	56.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.18%	

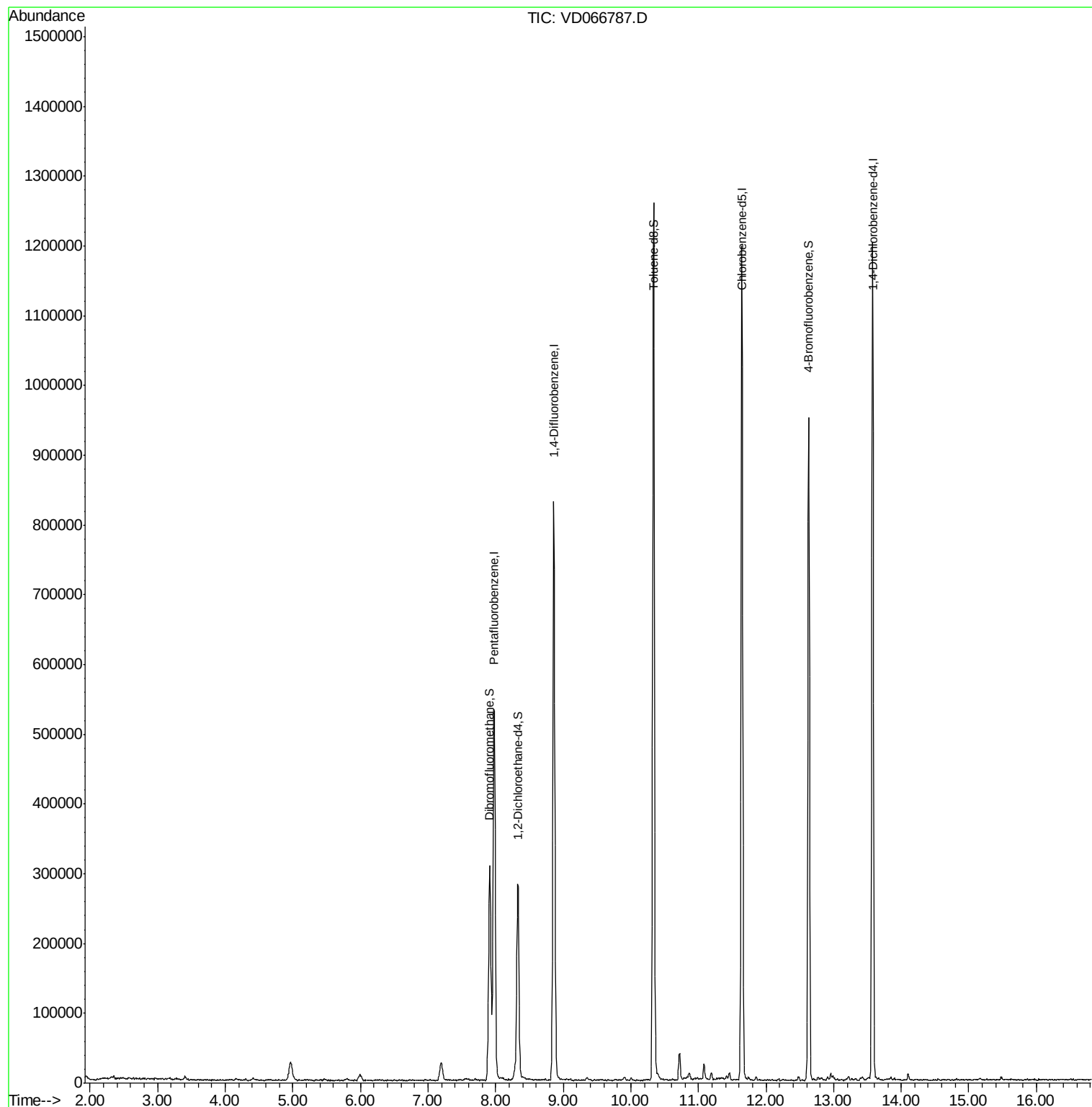
Target Compounds	Qvalue

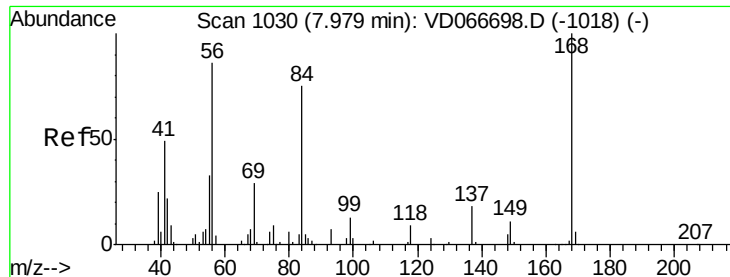
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066787.D

Acq: 21 Sep 2020 17:15

Instrument :

MSVOA_D

ClientSampleId :

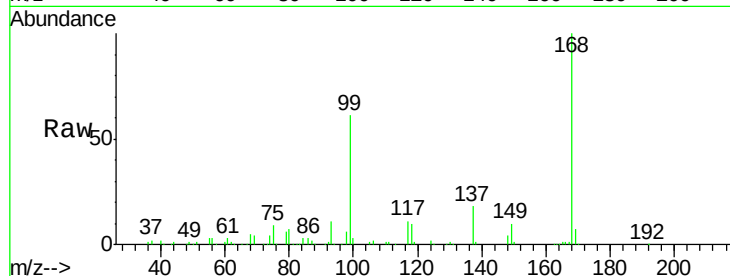
SS-11

Tot Ion:168 Resp: 387324

Ion Ratio Lower Upper

168 100

99 61.1 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

150000

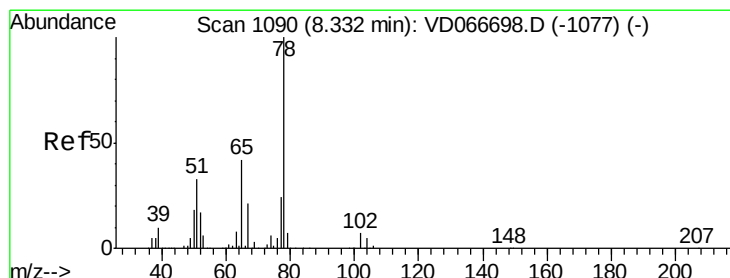
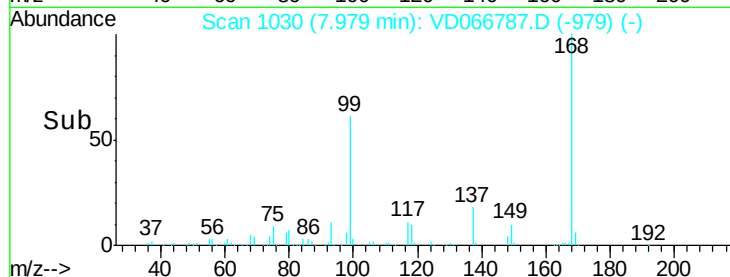
100000

50000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 54.584 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066787.D

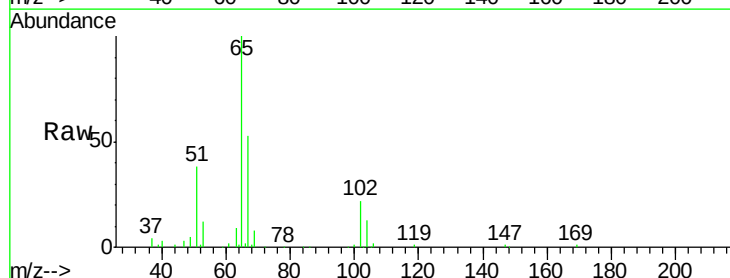
Acq: 21 Sep 2020 17:15

Tgt Ion: 65 Resp: 225569

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

100000

80000

60000

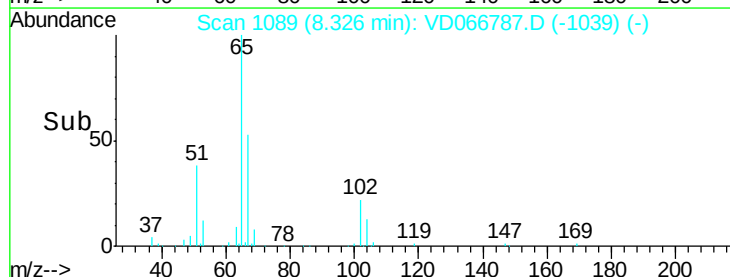
40000

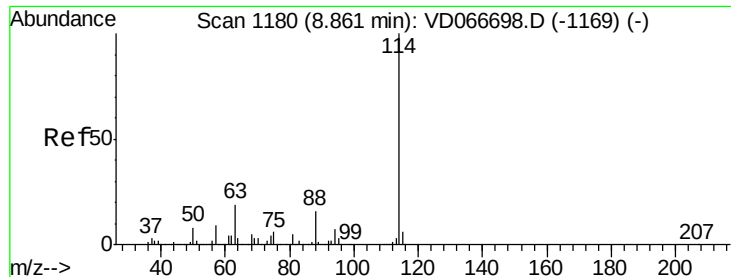
20000

0

Time-->

8.25 8.30 8.35 8.40

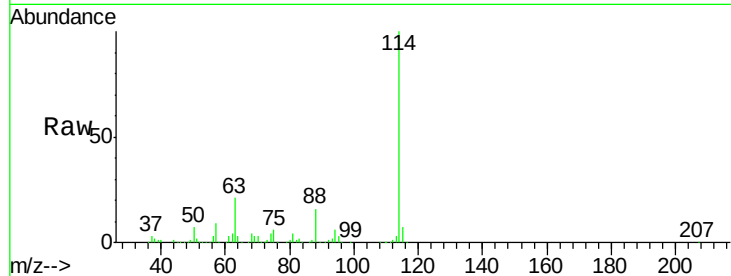




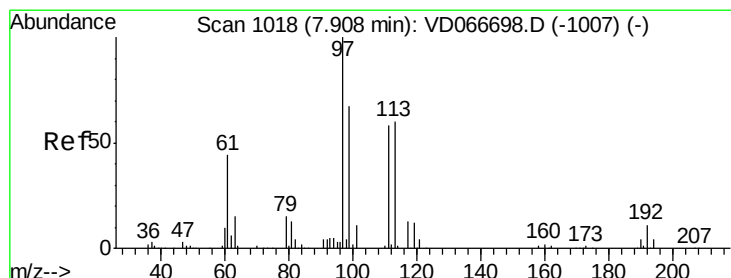
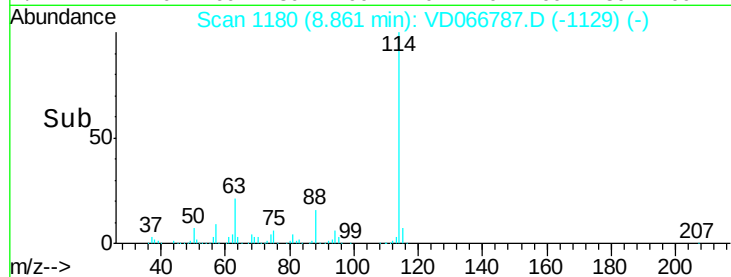
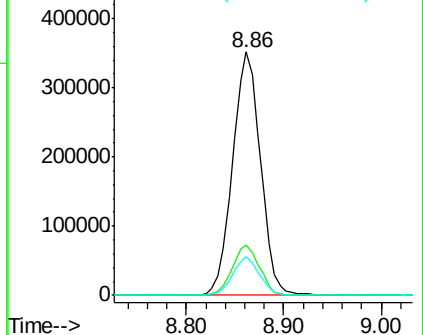
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066787.D
 Acq: 21 Sep 2020 17:15

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-11

Tot Ion:114 Resp: 700640
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.6
 88 16.0 0.0 32.2

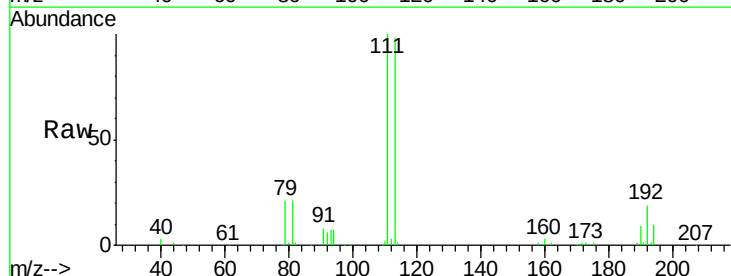


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

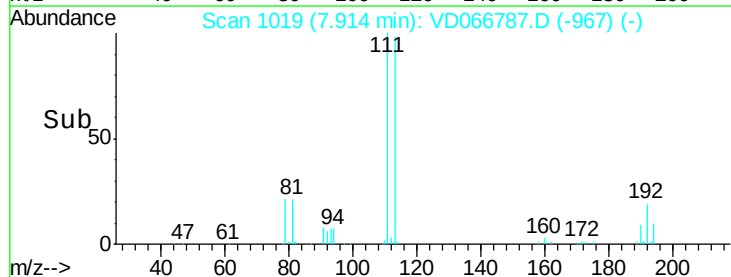
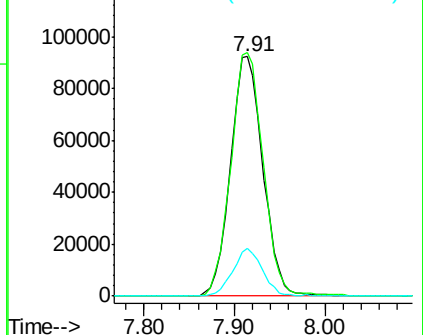


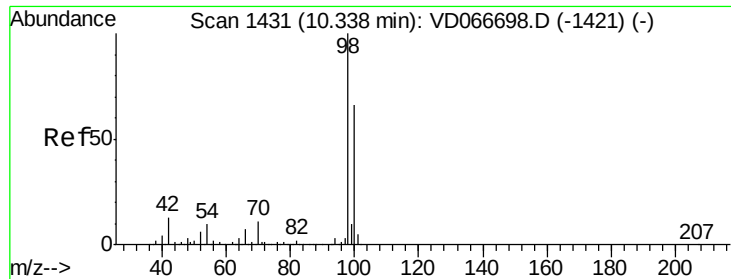
#35
 Dibromofluoromethane
 Concen: 53.387 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066787.D
 Acq: 21 Sep 2020 17:15

Tgt Ion:113 Resp: 229328
 Ion Ratio Lower Upper
 113 100
 111 101.6 83.2 124.8
 192 18.3 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

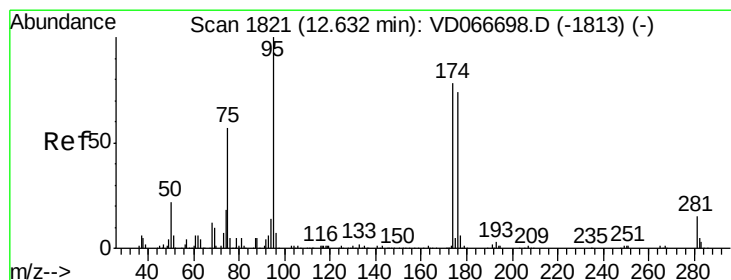
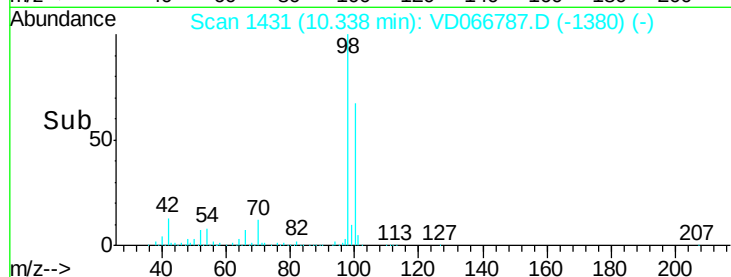
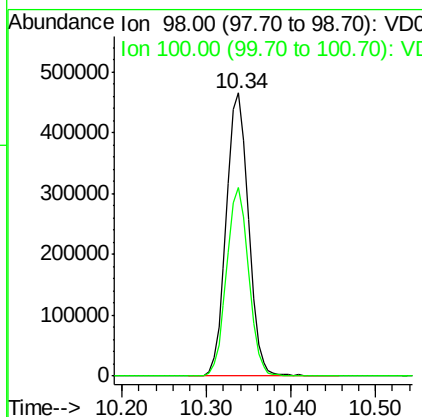
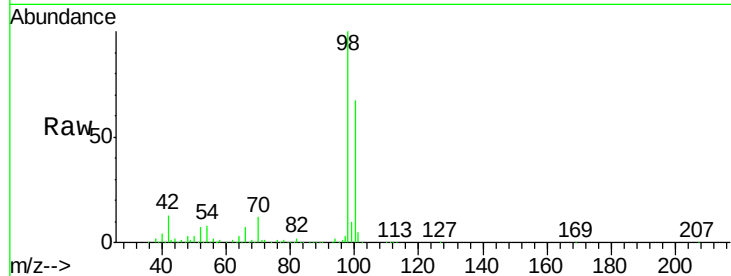




#50
Toluene-d8
Concen: 55.268 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066787.D
Acq: 21 Sep 2020 17:15

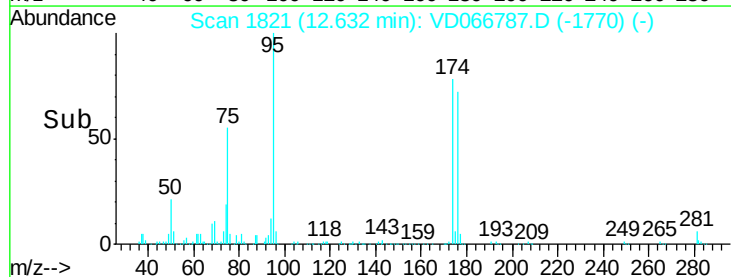
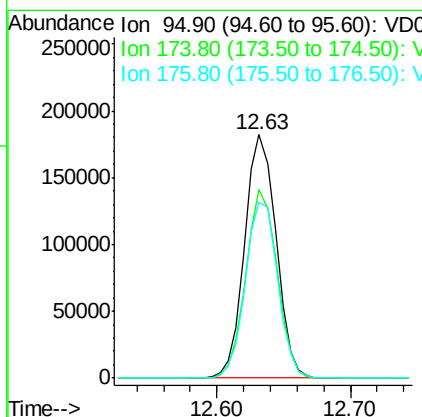
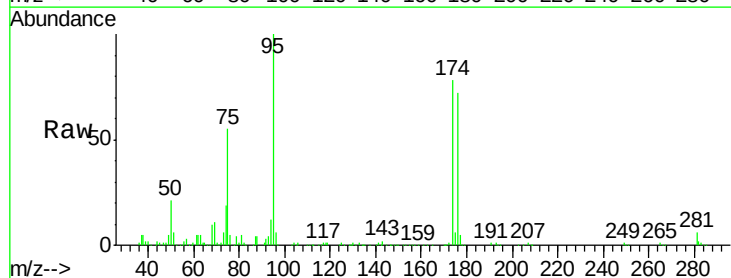
Instrument :
MSVOA_D
ClientSampled :
SS-11

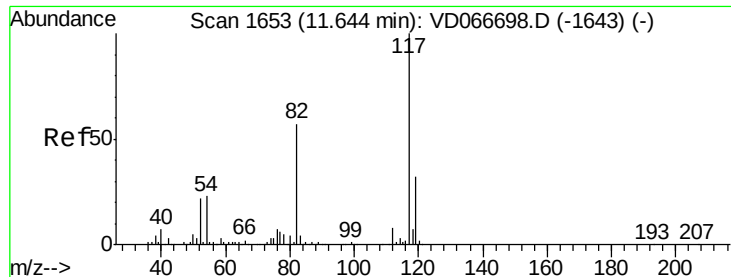
Tot Ion: 98 Resp: 845832
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 56.091 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066787.D
Acq: 21 Sep 2020 17:15

Tgt Ion: 95 Resp: 296316
Ion Ratio Lower Upper
95 100
174 77.1 0.0 156.6
176 74.2 0.0 150.2

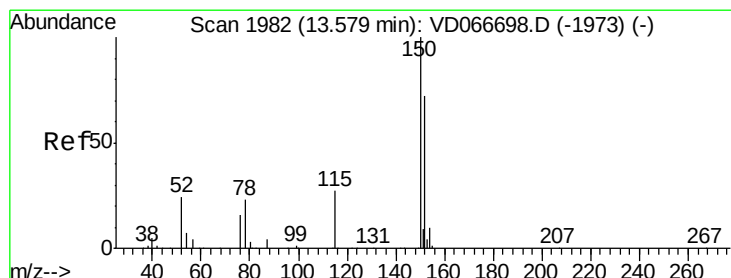
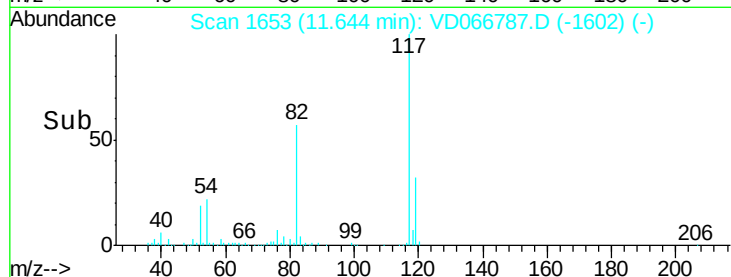
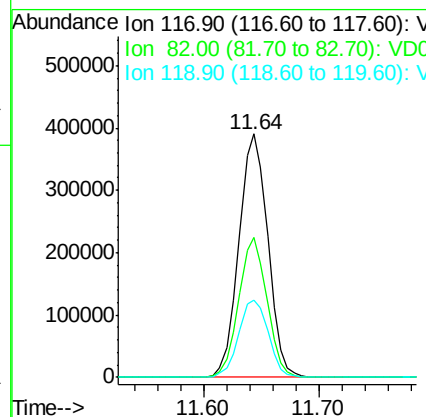
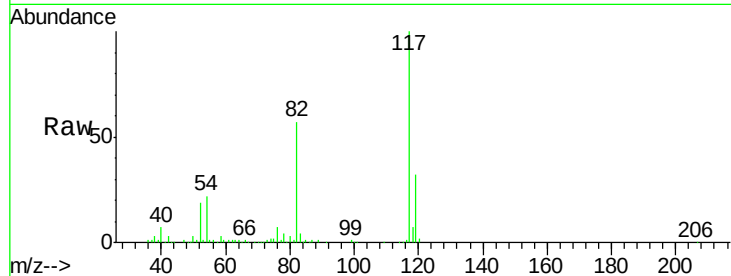




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066787.D
Acq: 21 Sep 2020 17:15

Instrument :
MSVOA_D
ClientSampleId :
SS-11

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.4	68.0
119	32.0	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: VD066787.D
Acq: 21 Sep 2020 17:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	30.5	91.5
150	156.9	0.0	344.6

