

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066888.D
 Acq On : 25 Sep 2020 23:27
 Operator : VA/SY
 Sample : VD0925SBL02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBL02

Quant Time: Sep 26 06:51:59 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	323493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	588319	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	549880	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231272	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	177523	56.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.14%	
35) Dibromofluoromethane	7.91	113	187029	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.34	98	607564	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.63	95	198652	45.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.00%	

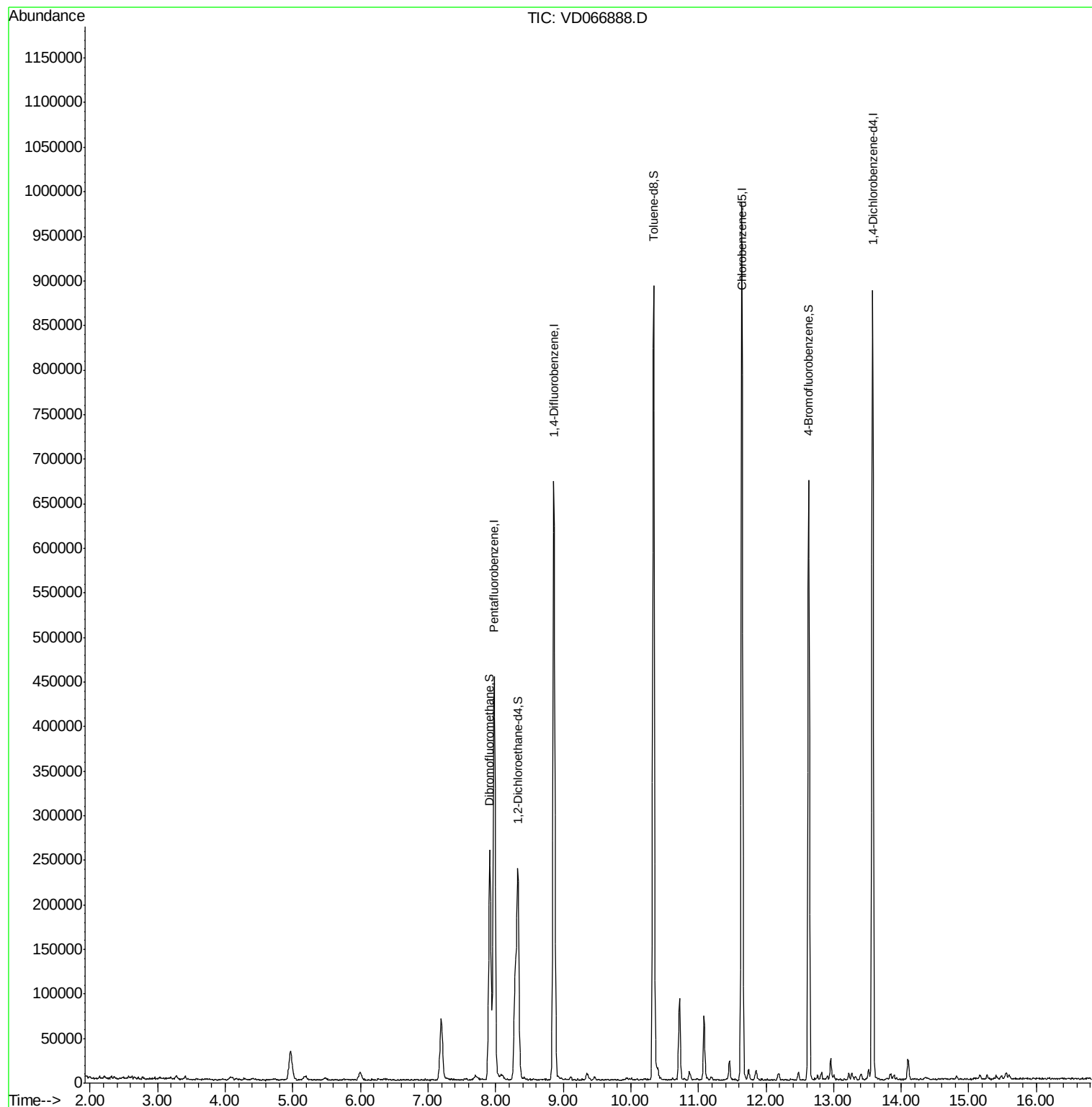
Target Compounds	Qvalue

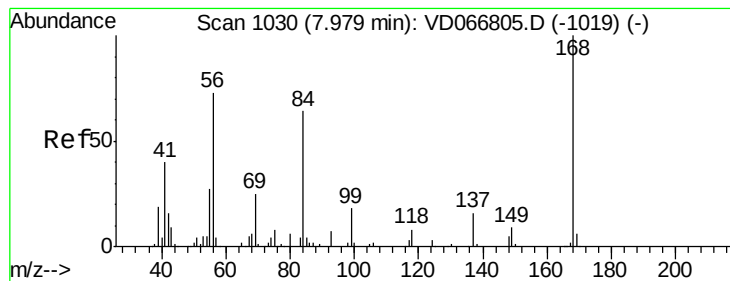
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066888.D

Acq: 25 Sep 2020 23:27

Instrument :

MSVOA_D

ClientSampleId :

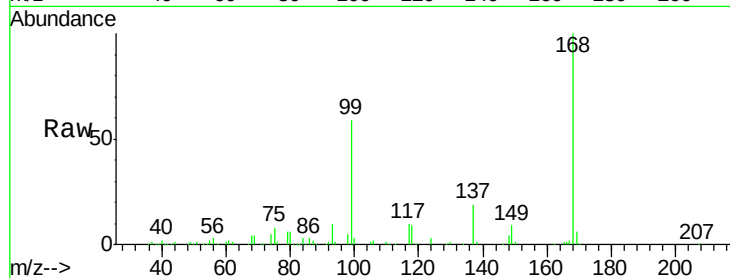
VD0925SBL02

Tot Ion:168 Resp: 323493

Ion Ratio Lower Upper

168 100

99 59.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

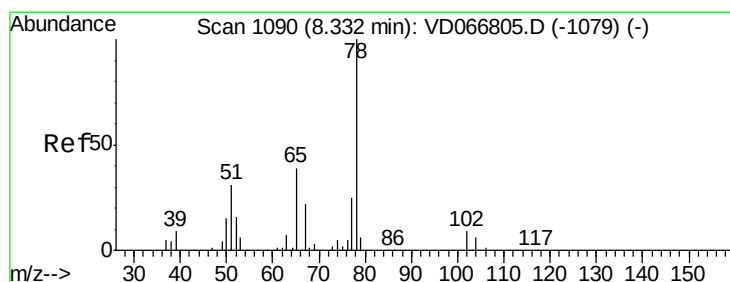
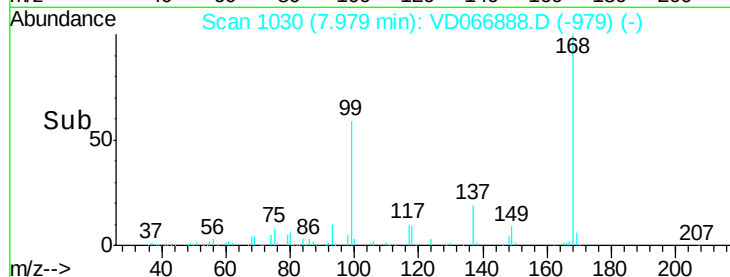
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.068 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066888.D

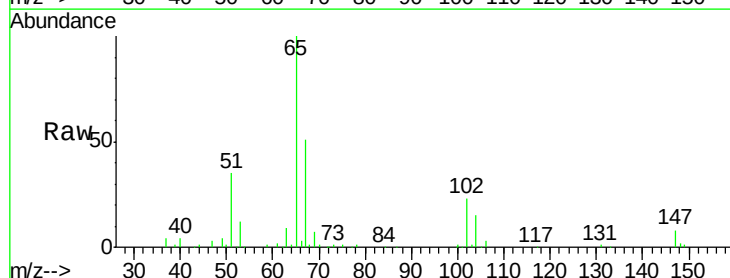
Acq: 25 Sep 2020 23:27

Tgt Ion: 65 Resp: 177523

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

60000

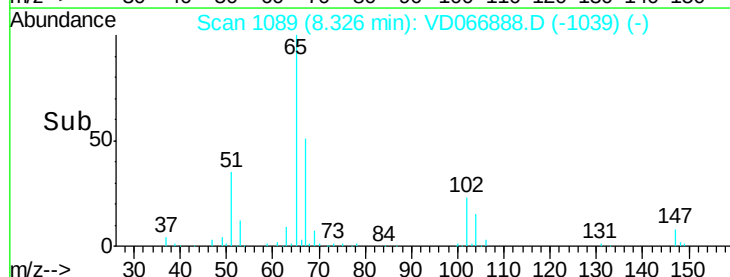
40000

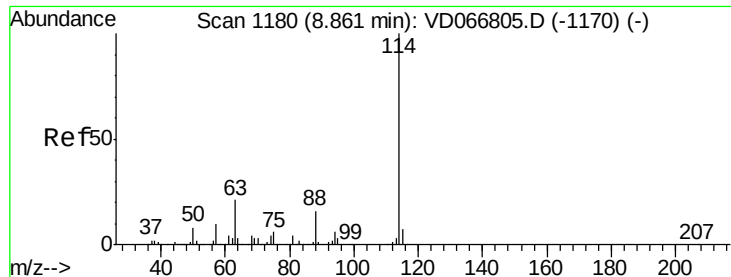
20000

0

8.25 8.30 8.35 8.40

Time-->

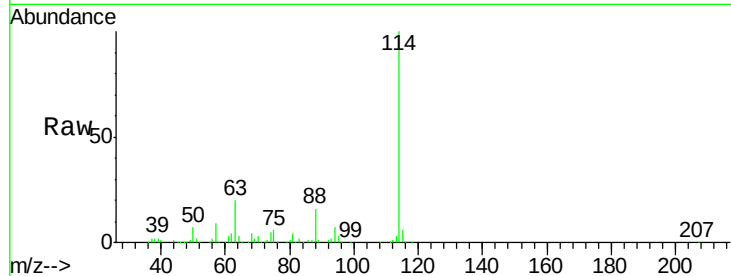




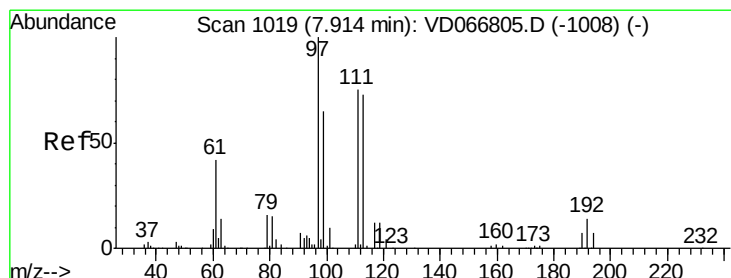
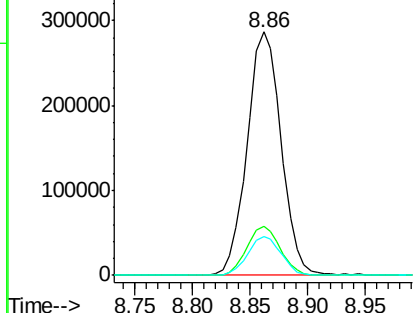
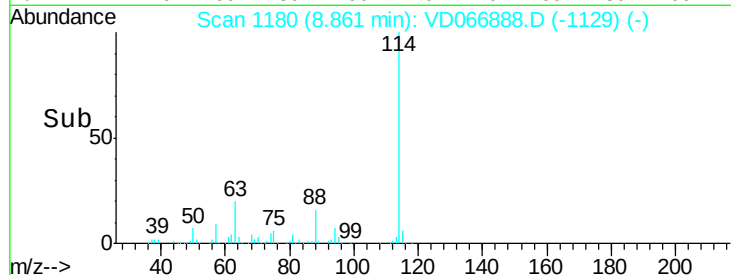
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066888.D
 Acq: 25 Sep 2020 23:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0925SBL02

Tot Ion:114	Resp:	588319
Ion Ratio	Lower	Upper
114 100		
63 20.3	0.0	42.6
88 15.9	0.0	32.6

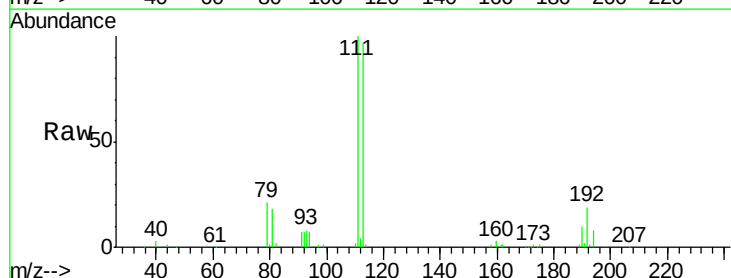


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

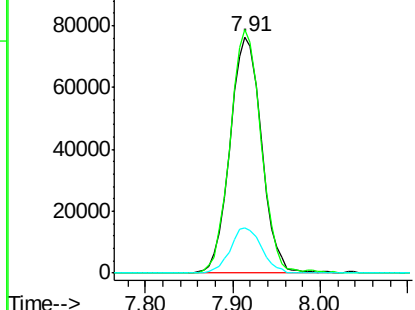
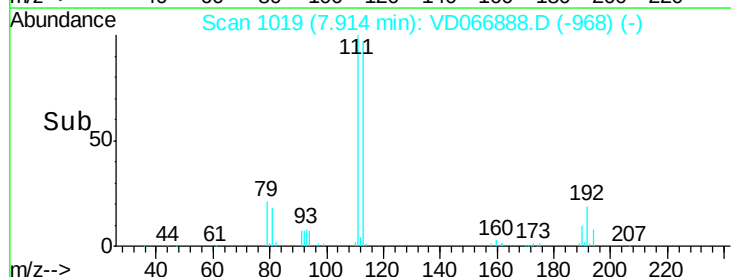


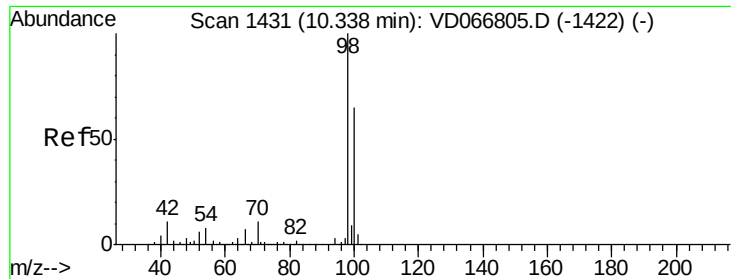
#35
 Dibromofluoromethane
 Concen: 49.969 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066888.D
 Acq: 25 Sep 2020 23:27

Tgt Ion:113	Resp:	187029
Ion Ratio	Lower	Upper
113 100		
111 100.5	81.8	122.8
192 19.0	14.4	21.6



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

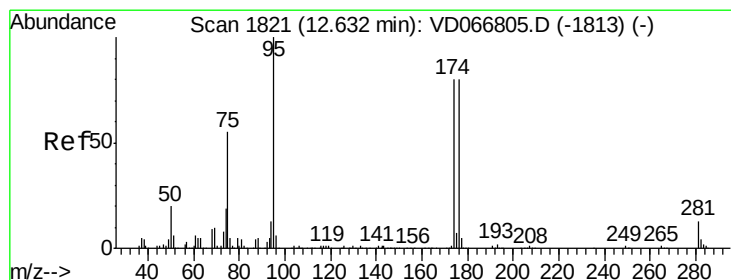
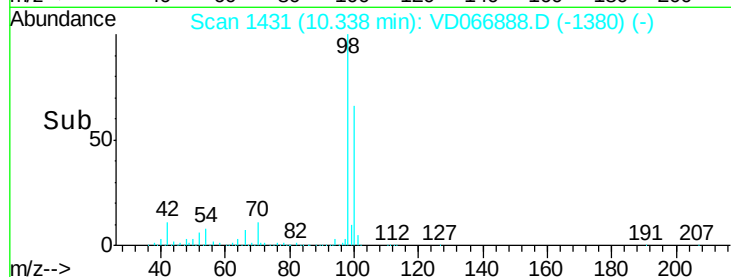
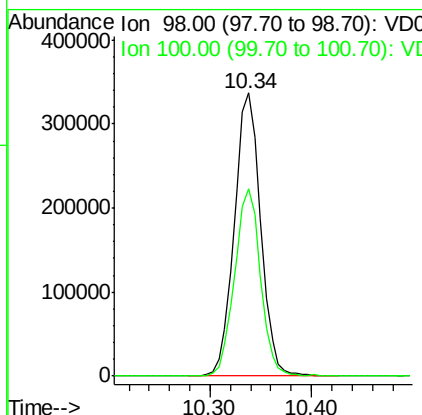
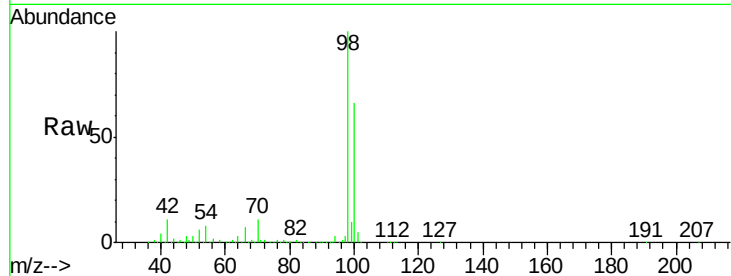




#50
Toluene-d8
Concen: 47.642 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066888.D
Acq: 25 Sep 2020 23:27

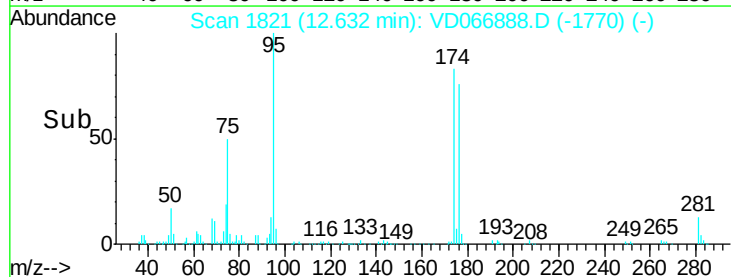
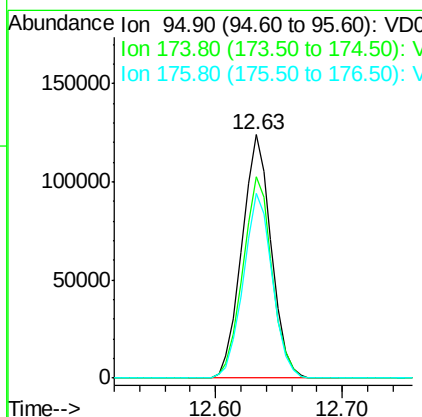
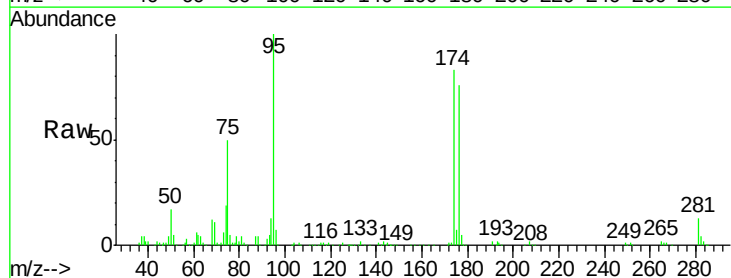
Instrument :
MSVOA_D
ClientSampleId :
VD0925SBL02

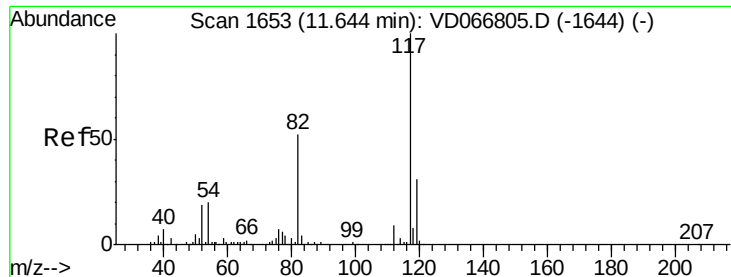
Tot Ion: 98 Resp: 607564
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 45.503 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066888.D
Acq: 25 Sep 2020 23:27

Tgt Ion: 95 Resp: 198652
Ion Ratio Lower Upper
95 100
174 82.5 0.0 159.8
176 74.9 0.0 154.4

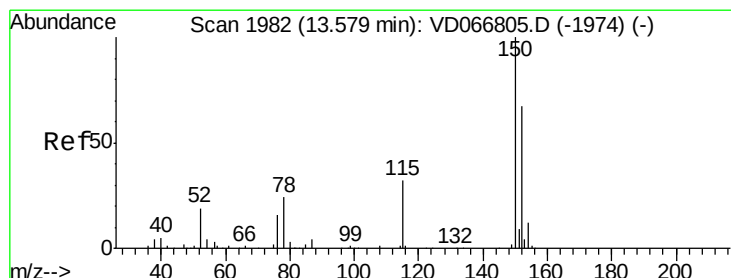
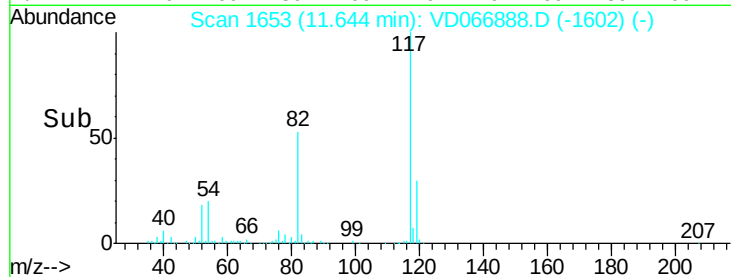
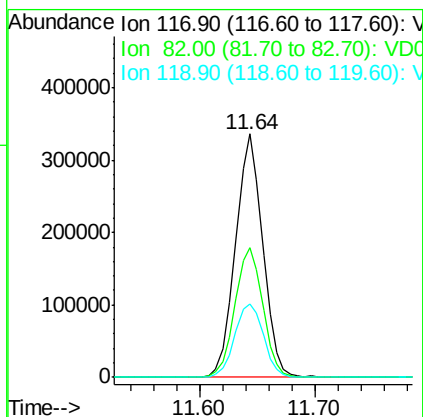
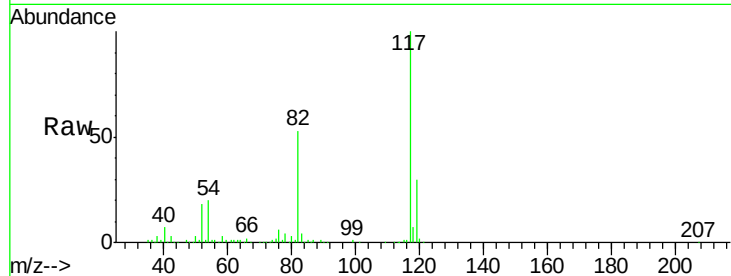




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066888.D
Acq: 25 Sep 2020 23:27

Instrument :
MSVOA_D
ClientSampleId :
VD0925SBL02

Tot Ion:117 Resp: 549880
Ion Ratio Lower Upper
117 100
82 53.4 41.8 62.6
119 30.3 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066888.D
Acq: 25 Sep 2020 23:27

Tgt Ion:152 Resp: 231272
Ion Ratio Lower Upper
152 100
115 60.1 30.3 91.0
150 158.1 0.0 346.2

