

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067085.D
 Acq On : 05 Oct 2020 15:57
 Operator : VA/SY
 Sample : L4190-09
 Misc : 7.15G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B18-092920-0-1

Quant Time: Oct 06 07:50:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	513163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	881564	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	787185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	330904	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	244375	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	7.91	113	272969	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	10.34	98	1018667	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	12.64	95	327609	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	

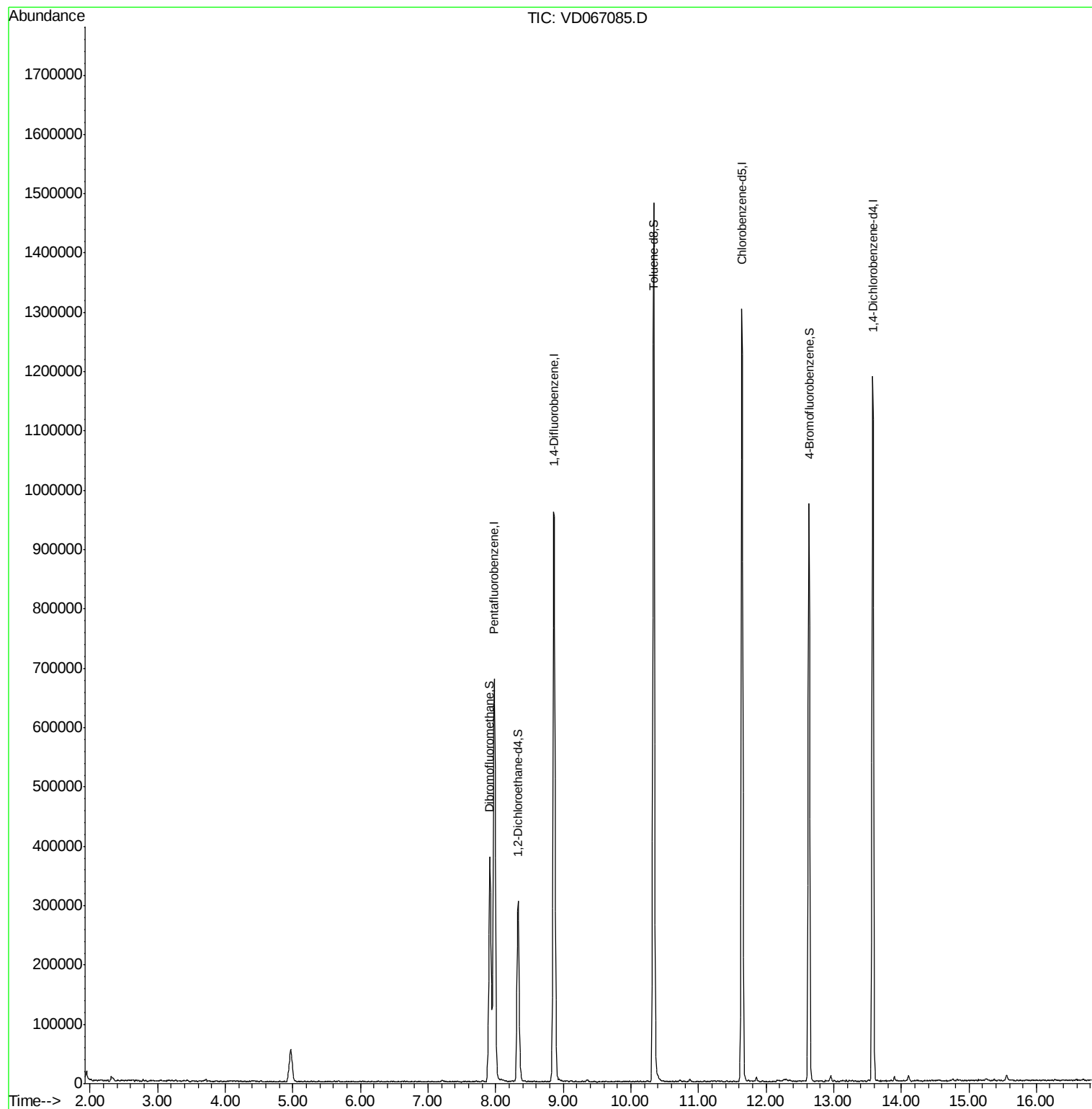
Target Compounds	Qvalue

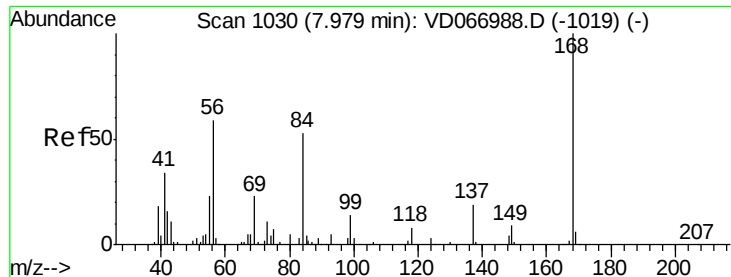
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100520\
Data File : VD067085.D
Acq On : 05 Oct 2020 15:57
Operator : VA/SY
Sample : L4190-09
Misc : 7.15G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PAV-B18-092920-0-1

Quant Time: Oct 06 07:50:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067085.D

Acq: 05 Oct 2020 15:57

Instrument :

MSVOA_D

ClientSampleId :

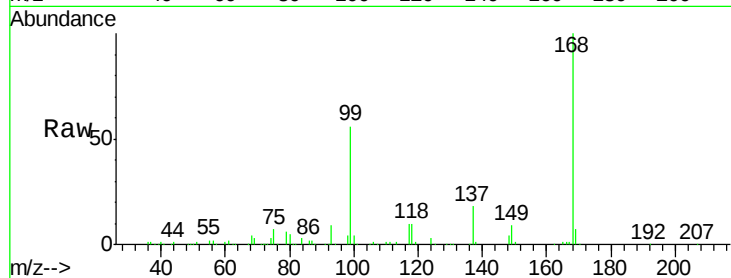
PAV-B18-092920-0-1

Tot Ion:168 Resp: 513163

Ion Ratio Lower Upper

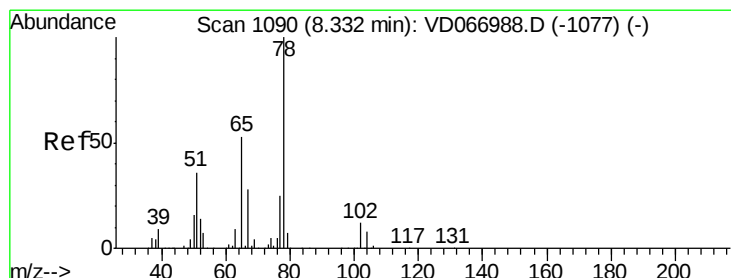
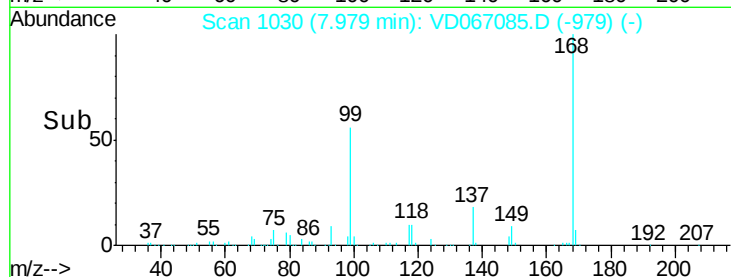
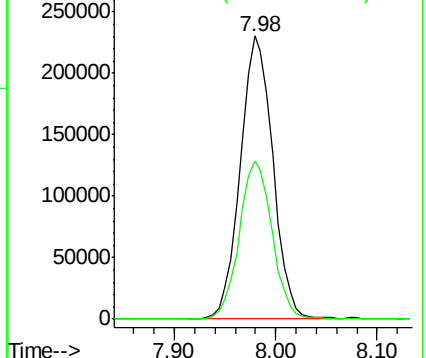
168 100

99 55.7 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.441 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067085.D

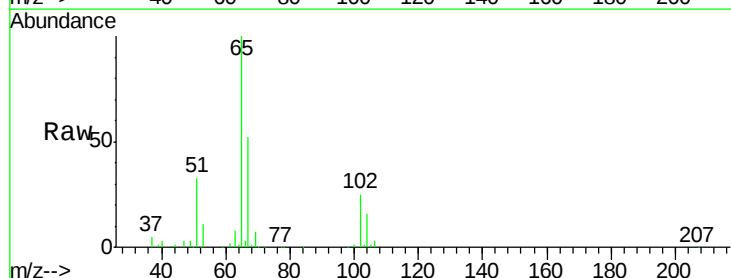
Acq: 05 Oct 2020 15:57

Tgt Ion: 65 Resp: 244375

Ion Ratio Lower Upper

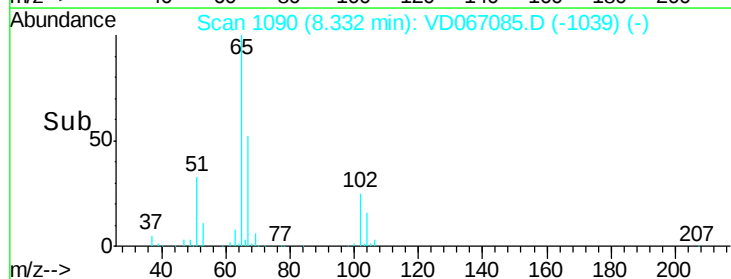
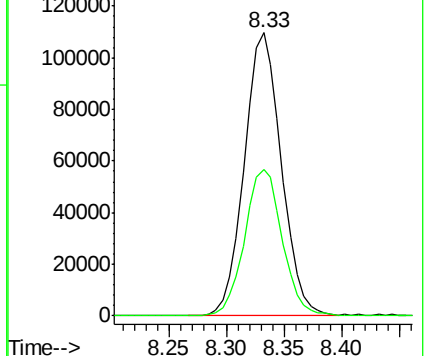
65 100

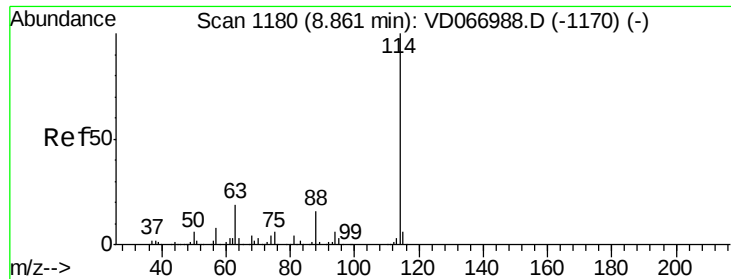
67 52.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

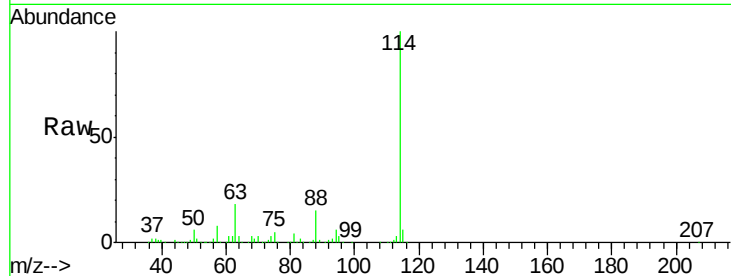




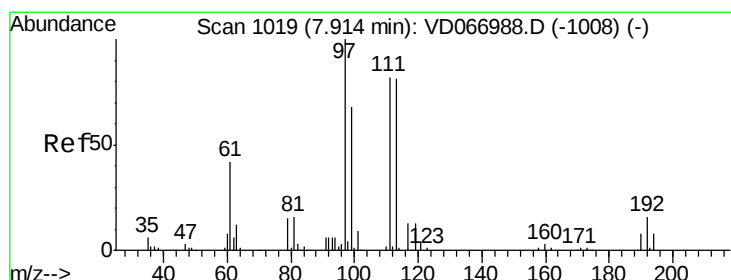
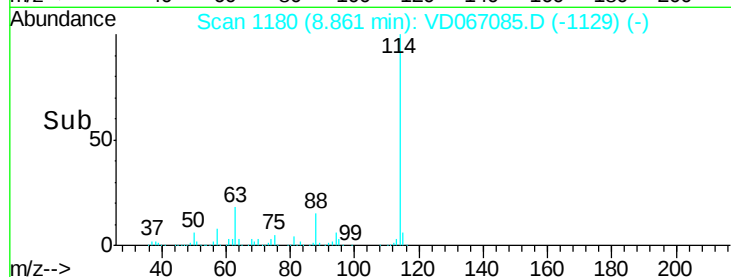
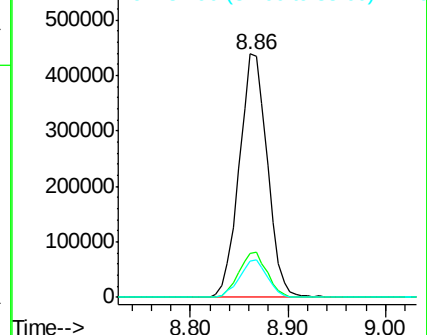
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067085.D
 Acq: 05 Oct 2020 15:57

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B18-092920-0-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	38.4
88	15.0	0.0	31.2

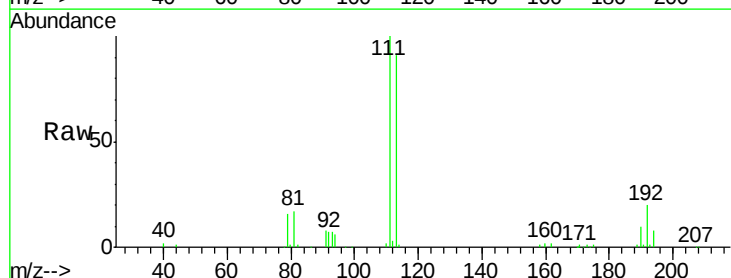


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

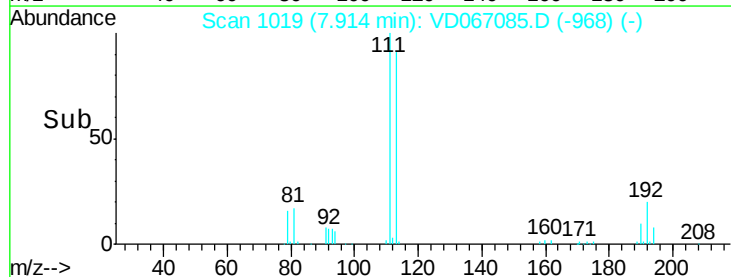
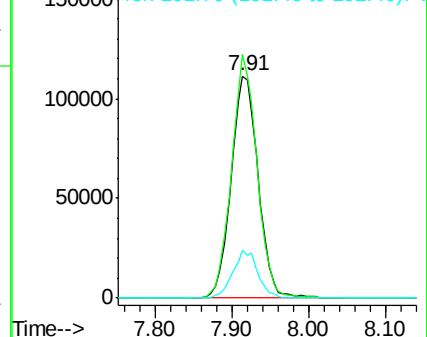


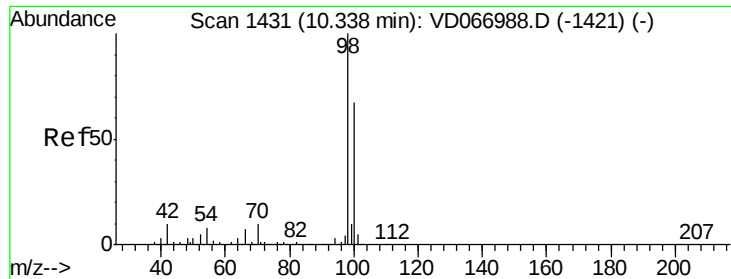
#35
 Dibromofluoromethane
 Concen: 47.297 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067085.D
 Acq: 05 Oct 2020 15:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.0	124.4
192	19.9	15.5	23.3



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: 48.438 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067085.D

Acq: 05 Oct 2020 15:57

Instrument :

MSVOA_D

ClientSampleId :

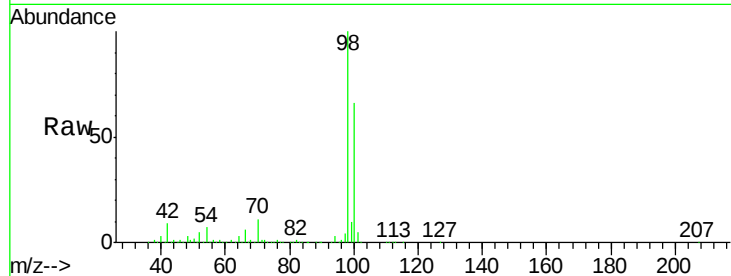
PAV-B18-092920-0-1

Tot Ion: 98 Resp: 1018667

Ion Ratio Lower Upper

98 100

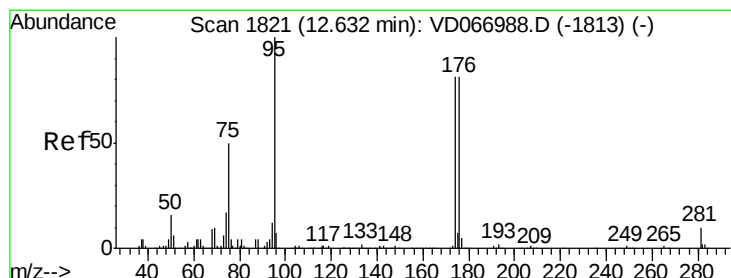
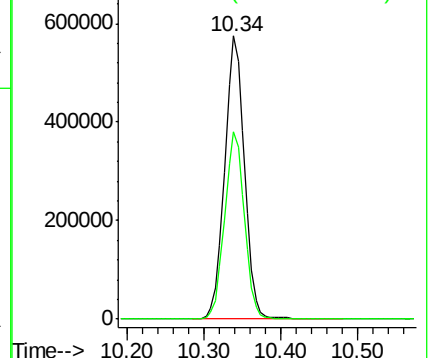
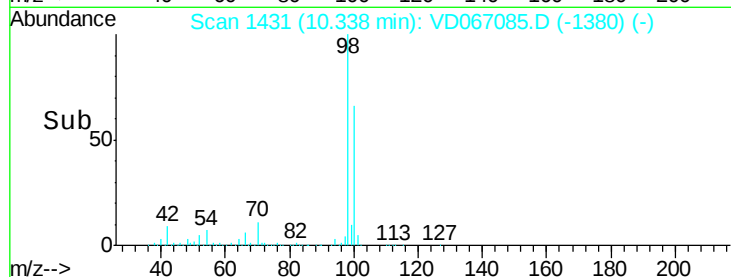
100 66.5 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34



#62

4-Bromofluorobenzene

Concen: 45.888 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067085.D

Acq: 05 Oct 2020 15:57

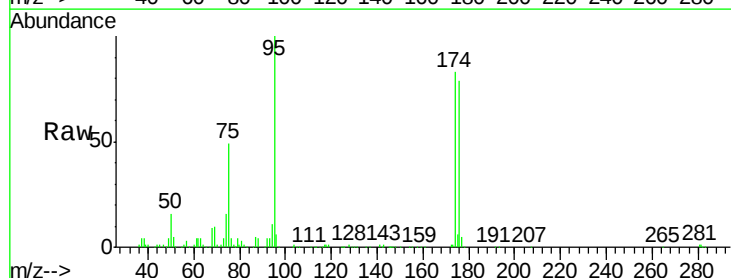
Tgt Ion: 95 Resp: 327609

Ion Ratio Lower Upper

95 100

174 83.8 0.0 167.6

176 79.5 0.0 162.4

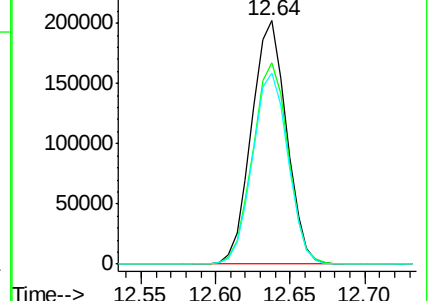
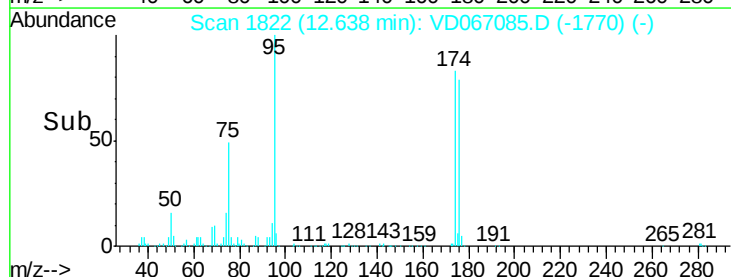


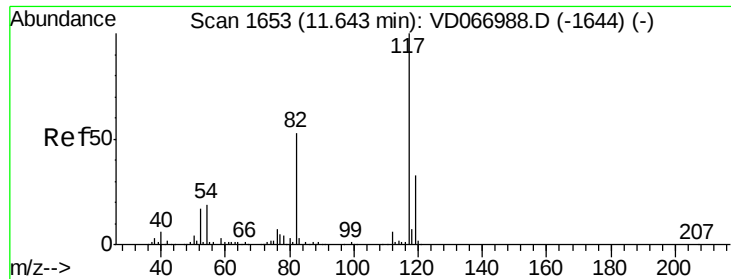
Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

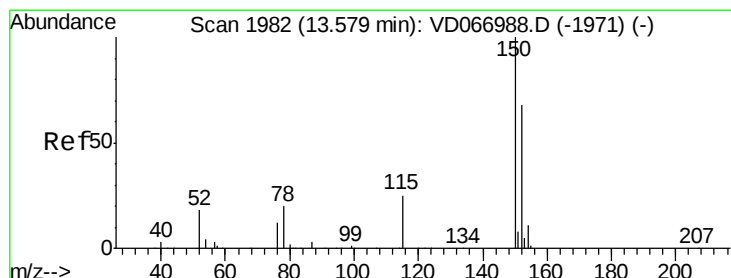
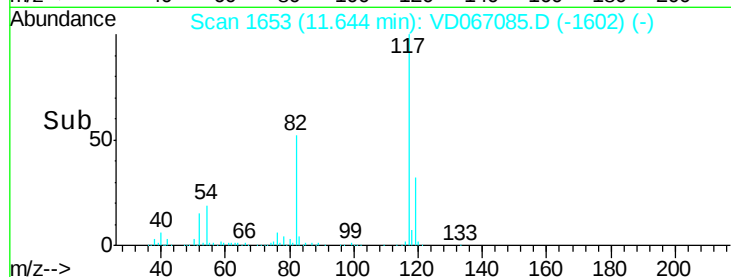
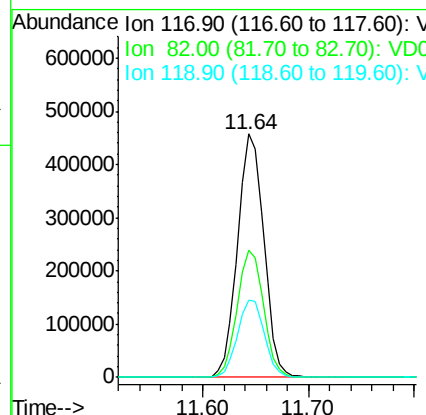
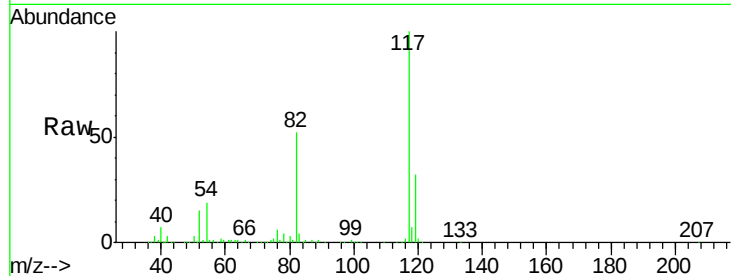




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067085.D
Acq: 05 Oct 2020 15:57

Instrument :
MSVOA_D
ClientSampleId :
PAV-B18-092920-0-1

Tot Ion:117 Resp: 787185
Ion Ratio Lower Upper
117 100
82 52.3 42.6 63.8
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067085.D
Acq: 05 Oct 2020 15:57

Tgt Ion:152 Resp: 330904
Ion Ratio Lower Upper
152 100
115 59.6 29.6 88.8
150 159.9 0.0 344.8

