

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100520\
 Data File : VD067087.D
 Acq On : 05 Oct 2020 16:52
 Operator : VA/SY
 Sample : L4190-19
 Misc : 6.92G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B18-092920-DP

Quant Time: Oct 06 07:53:50 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	493822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	844311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	746867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	295444	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	238580	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
35) Dibromofluoromethane	7.91	113	268639	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	10.34	98	970645	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	12.64	95	299964	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	

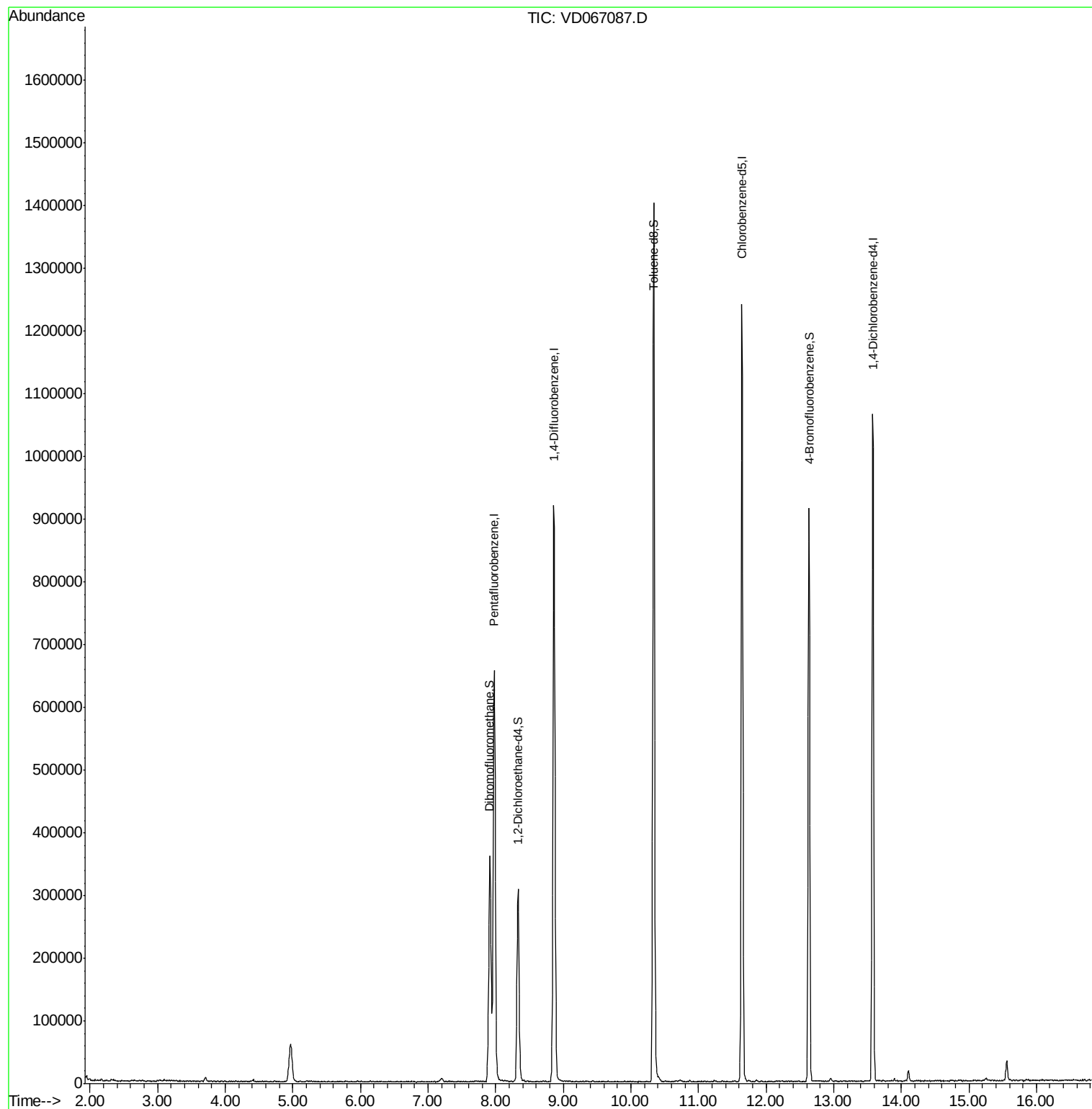
Target Compounds	Qvalue

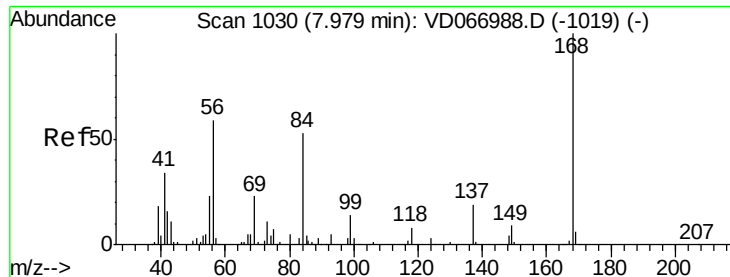
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067087.D

Acq: 05 Oct 2020 16:52

Instrument :

MSVOA_D

ClientSampleId :

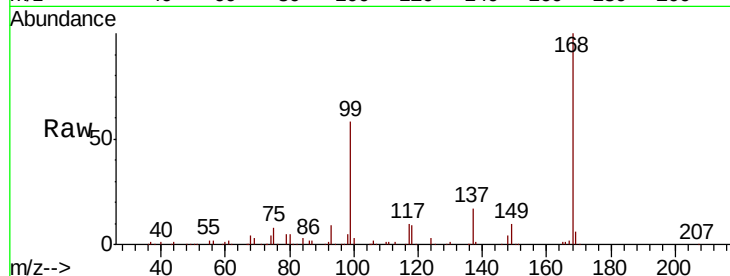
PAV-B18-092920-DP

Tot Ion:168 Resp: 493822

Ion Ratio Lower Upper

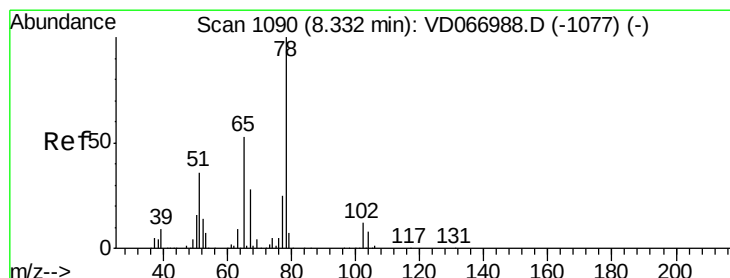
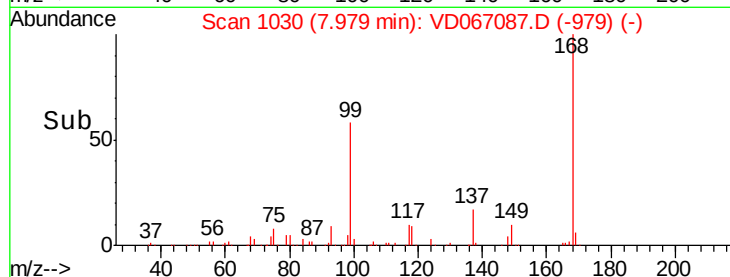
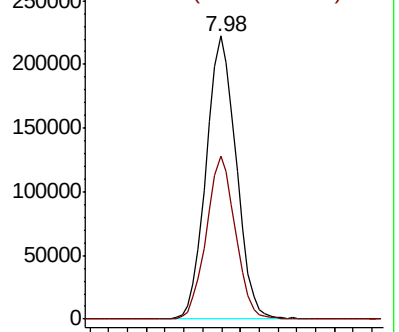
168 100

99 57.7 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: 50.159 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067087.D

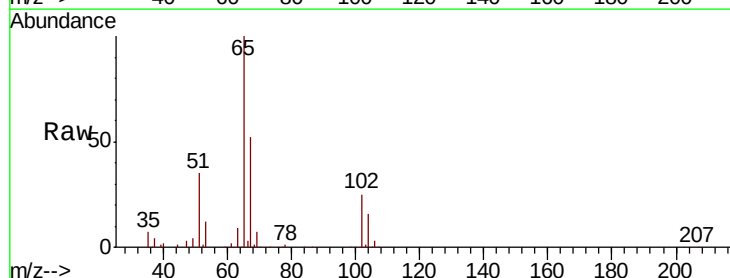
Acq: 05 Oct 2020 16:52

Tgt Ion: 65 Resp: 238580

Ion Ratio Lower Upper

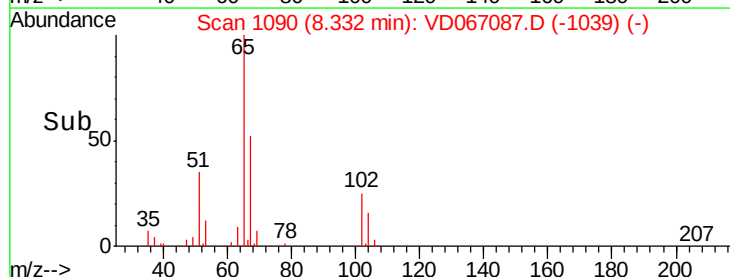
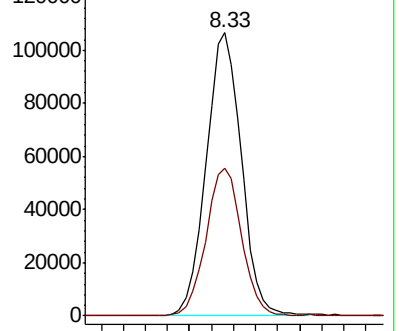
65 100

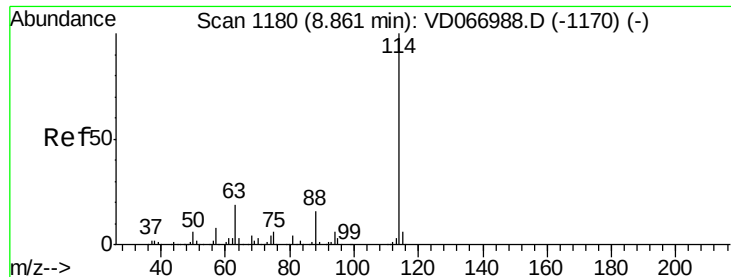
67 52.8 0.0 106.8



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: VD067087.D

Acq: 05 Oct 2020 16:52

Instrument :

MSVOA_D

ClientSampleId :

PAV-B18-092920-DP

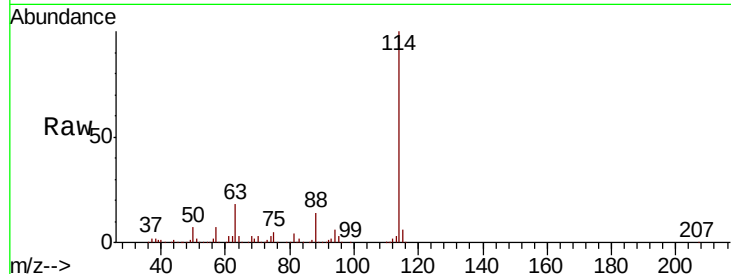
Tot Ion:114 Resp: 844311

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

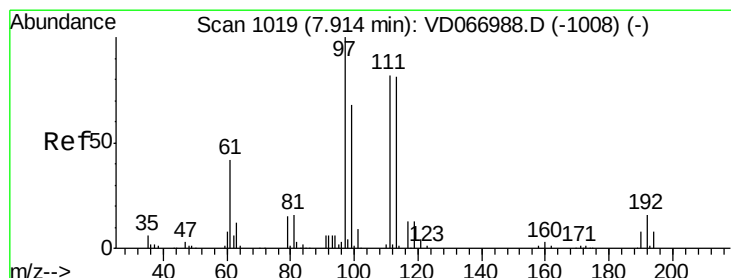
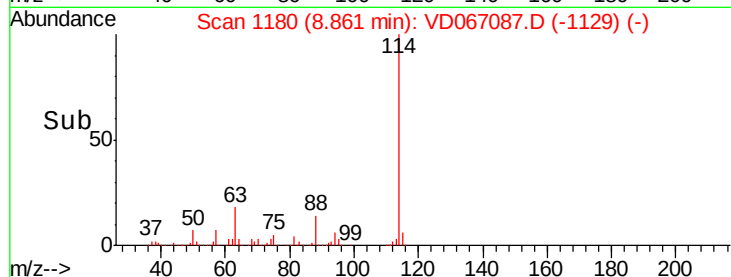
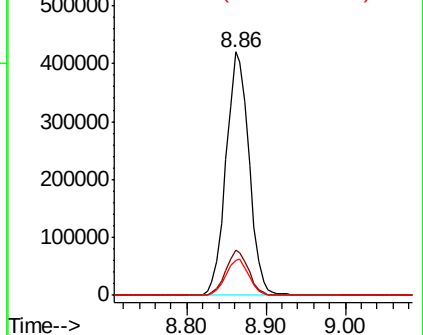
88 14.3 0.0 31.2



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: 48.600 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067087.D

Acq: 05 Oct 2020 16:52

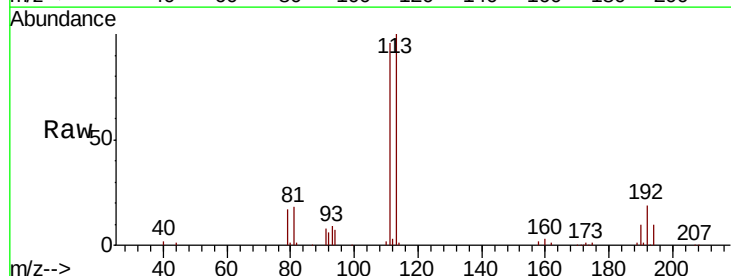
Tgt Ion:113 Resp: 268639

Ion Ratio Lower Upper

113 100

111 101.6 83.0 124.4

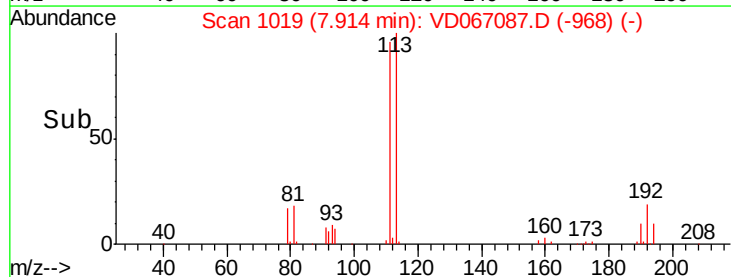
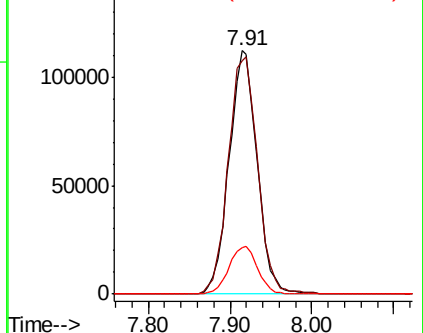
192 19.8 15.5 23.3

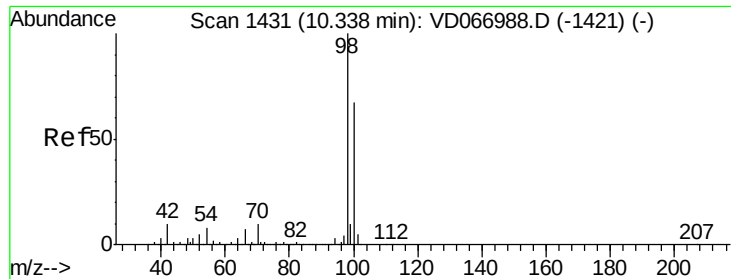


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.191 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067087.D

Acq: 05 Oct 2020 16:52

Instrument :

MSVOA_D

ClientSampleId :

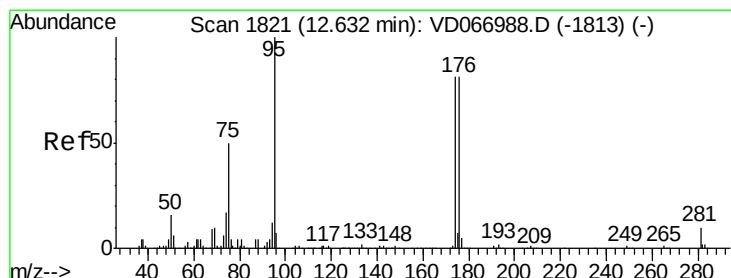
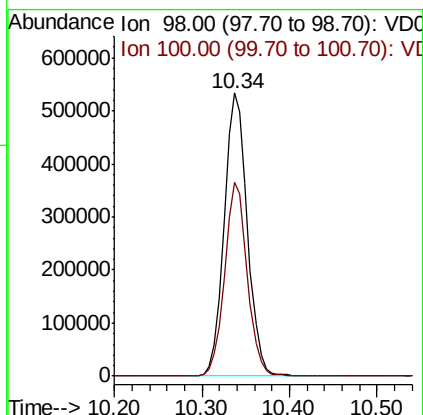
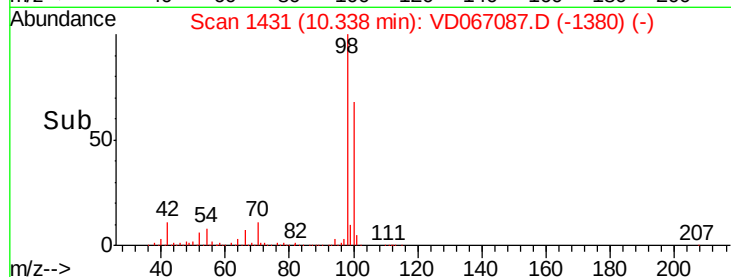
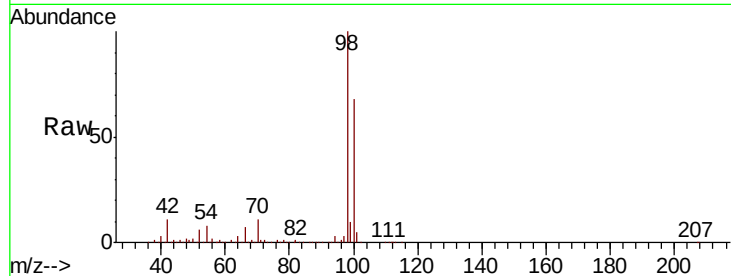
PAV-B18-092920-DP

Tot Ion: 98 Resp: 970645

Ion Ratio Lower Upper

98 100

100 66.7 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 43.870 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067087.D

Acq: 05 Oct 2020 16:52

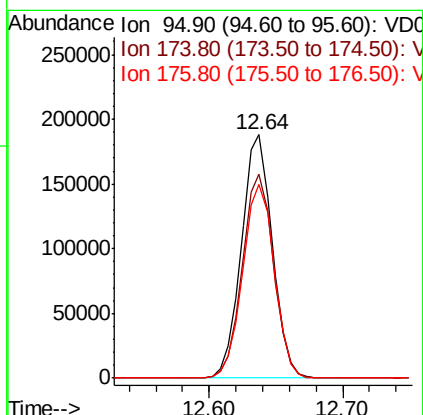
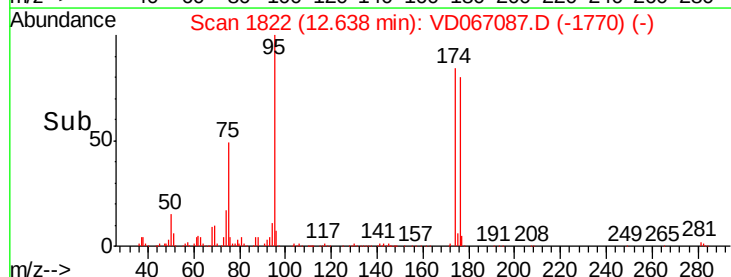
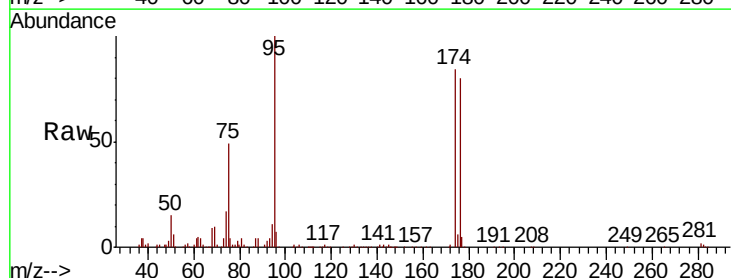
Tgt Ion: 95 Resp: 299964

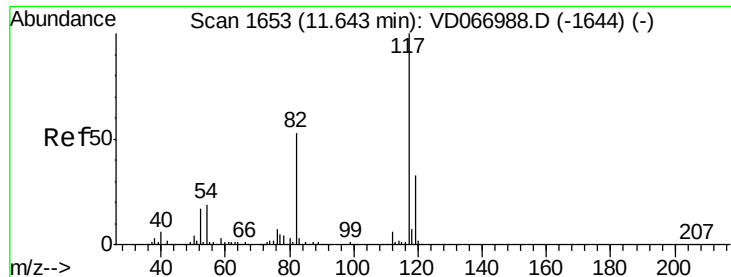
Ion Ratio Lower Upper

95 100

174 84.7 0.0 167.6

176 81.3 0.0 162.4

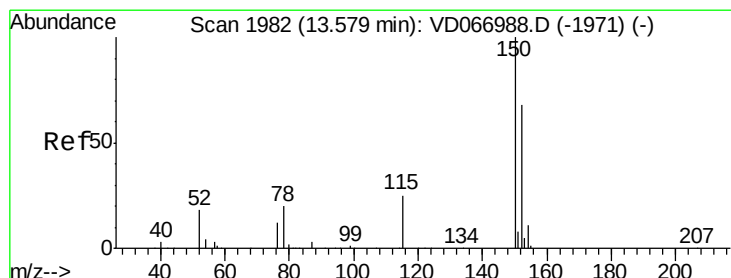
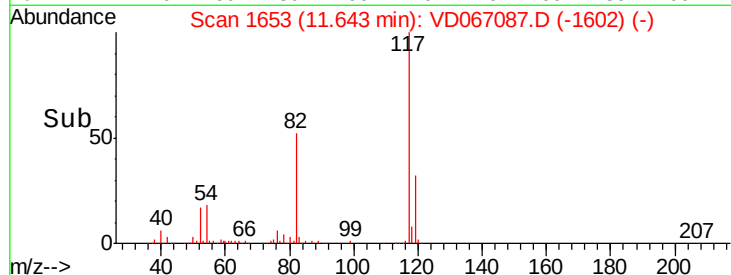
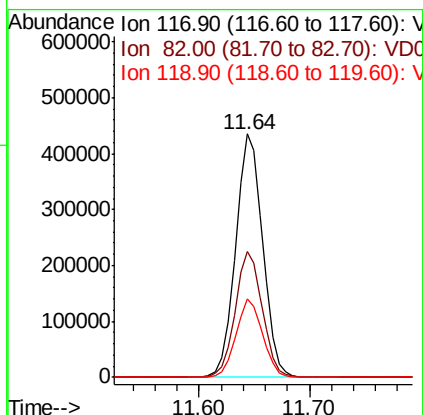
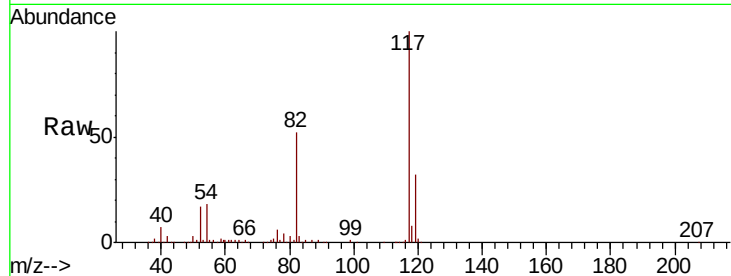




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067087.D
Acq: 05 Oct 2020 16:52

Instrument :
MSVOA_D
ClientSampleId :
PAV-B18-092920-DP

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.6	63.8
119	32.4	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: VD067087.D
Acq: 05 Oct 2020 16:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.6	88.8
150	160.1	0.0	344.8

