

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100820\
 Data File : VD067198.D
 Acq On : 08 Oct 2020 16:53
 Operator : VA/SY
 Sample : L4311-01
 Misc : 6.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B10-100720-0-1

Quant Time: Oct 09 03:32:08 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

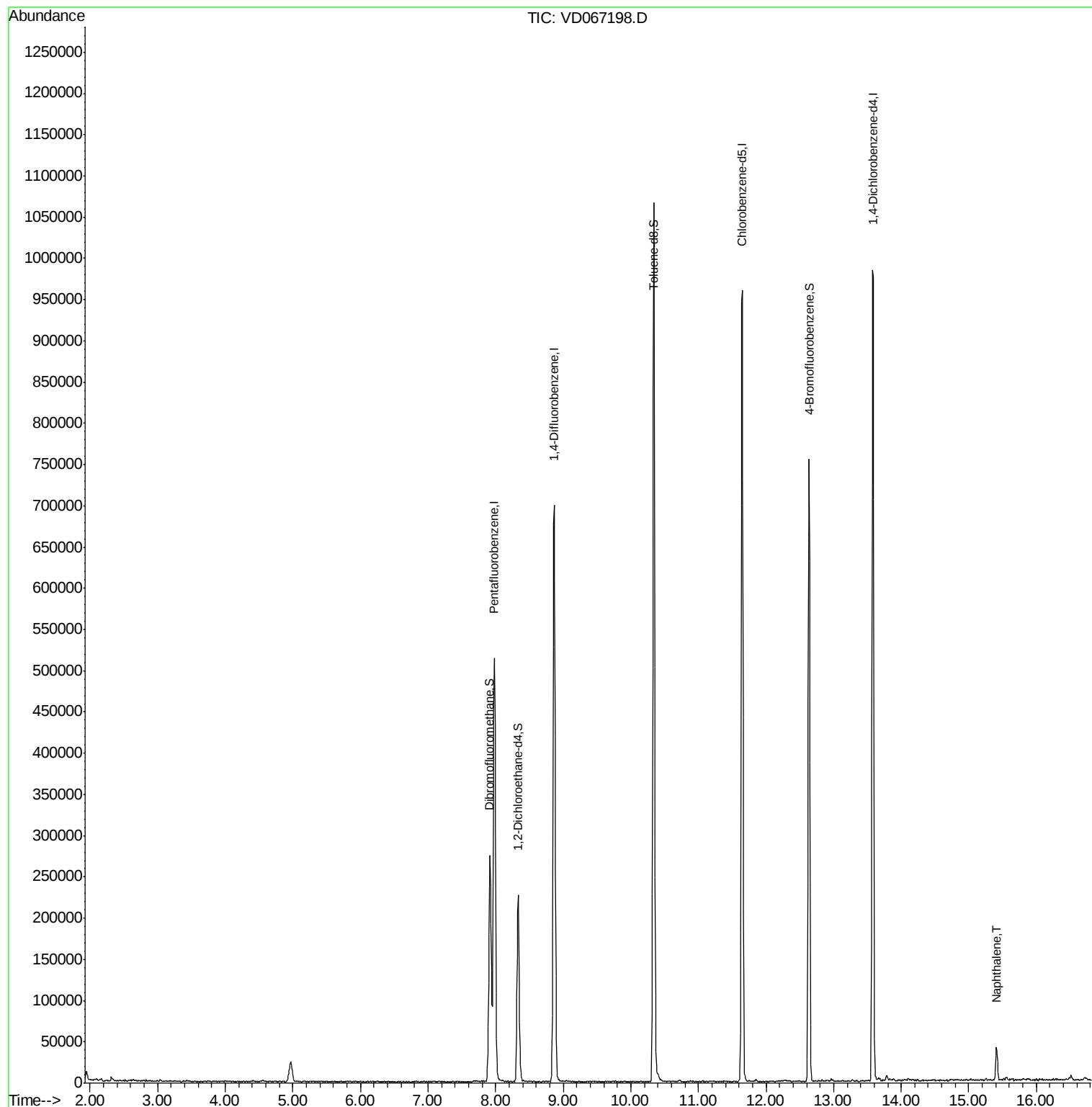
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	399786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	637135	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	587027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	277108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	189564	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
35) Dibromofluoromethane	7.91	113	200408	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.34	98	754910	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.64	95	246962	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
Target Compounds						
95) Naphthalene	15.41	128	35369	4.242	ug/l	Qvalue 98

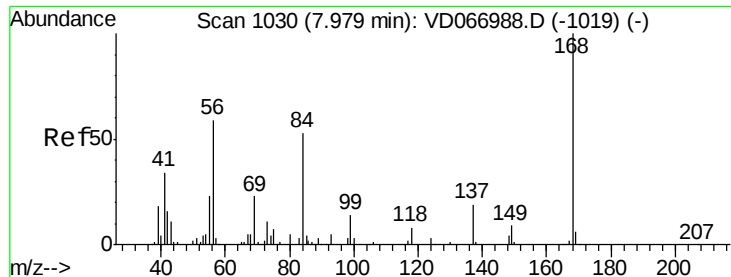
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD067198.D

Acq: 08 Oct 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

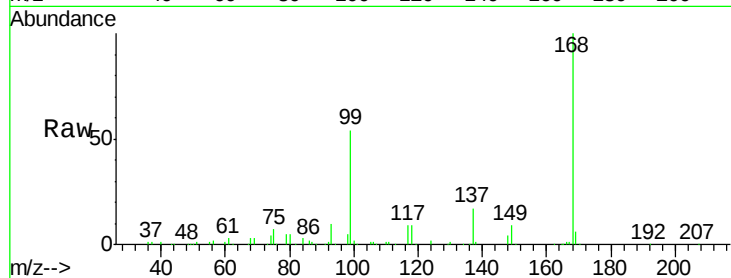
PAV-B10-100720-0-1

Tot Ion:168 Resp: 399786

Ion Ratio Lower Upper

168 100

99 53.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

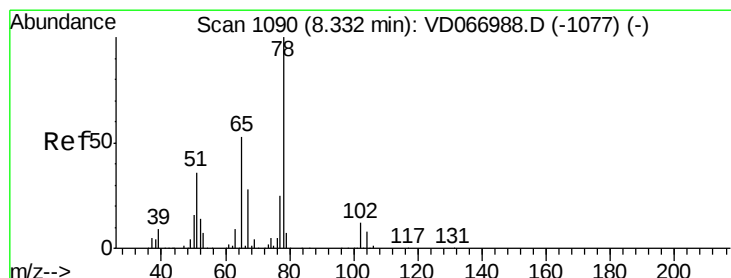
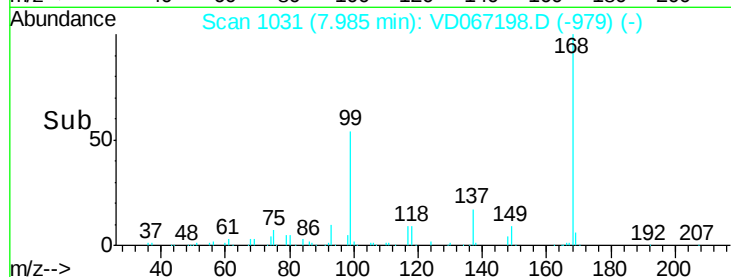
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.228 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067198.D

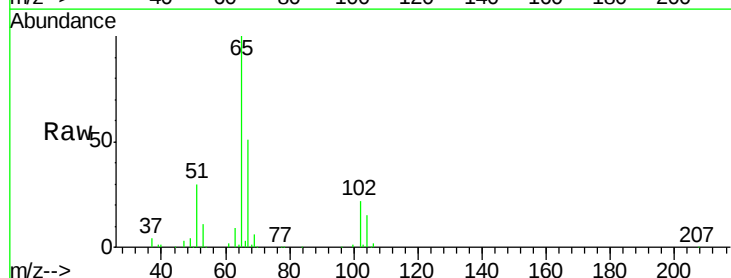
Acq: 08 Oct 2020 16:53

Tgt Ion: 65 Resp: 189564

Ion Ratio Lower Upper

65 100

67 50.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

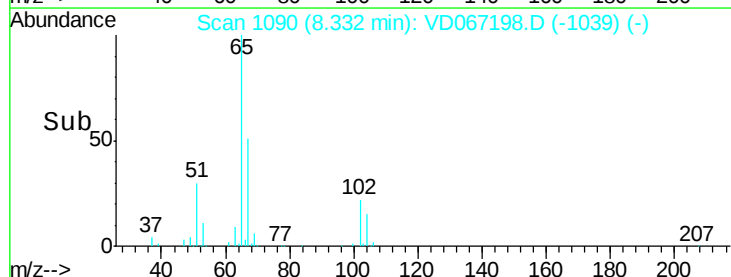
60000

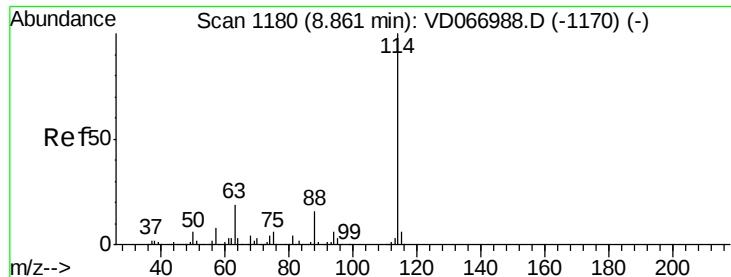
40000

20000

0

Time-->

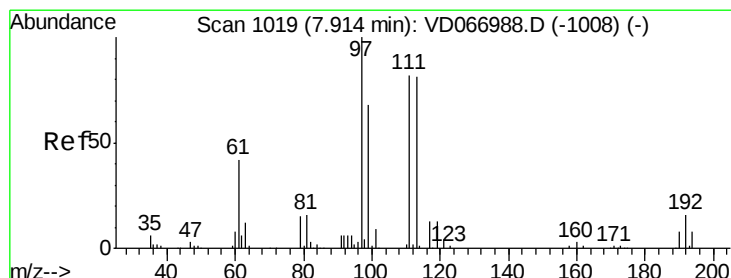
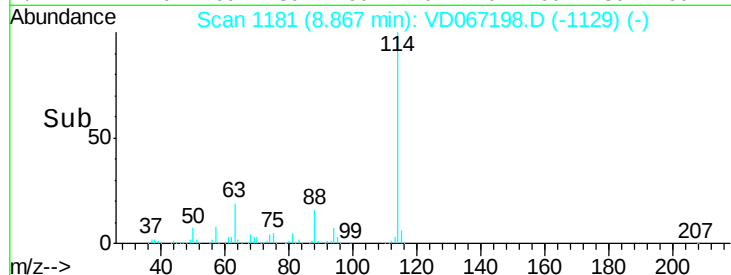
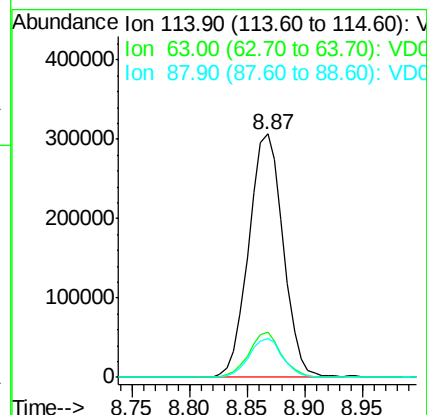
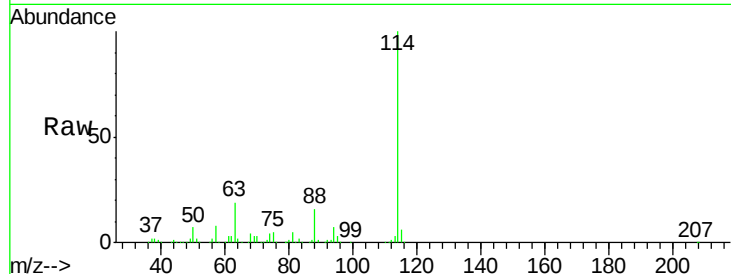




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VD067198.D
 Acq: 08 Oct 2020 16:53

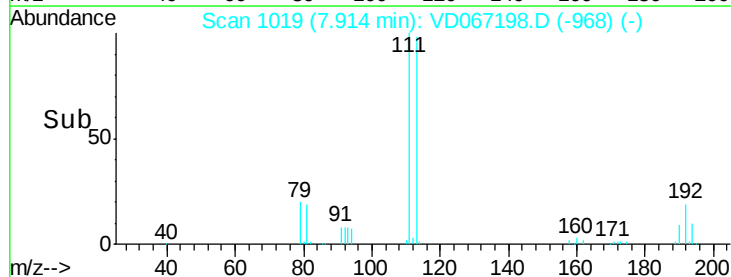
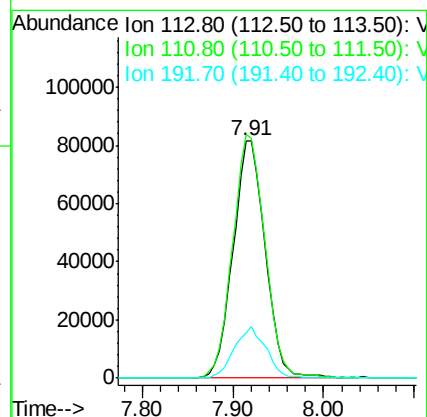
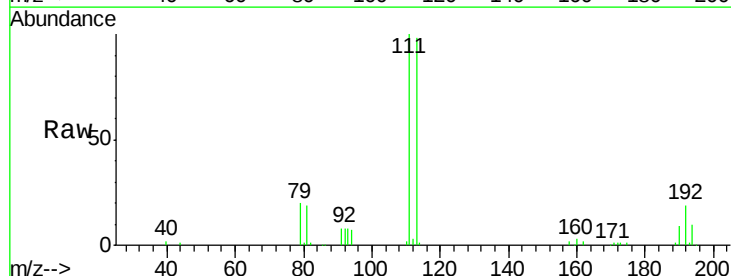
Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B10-100720-0-1

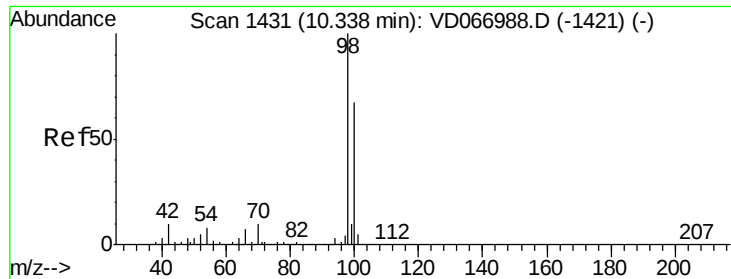
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.4
88	15.9	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 48.046 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067198.D
 Acq: 08 Oct 2020 16:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.0	124.4
192	21.2	15.5	23.3





#50

Toluene-d8

Concen: 49.667 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067198.D

Acq: 08 Oct 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

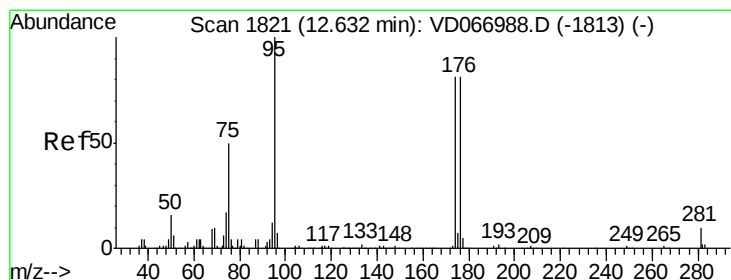
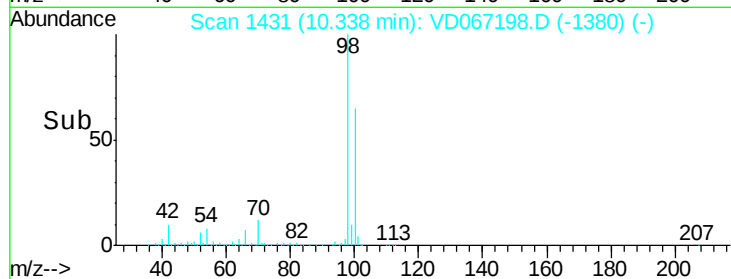
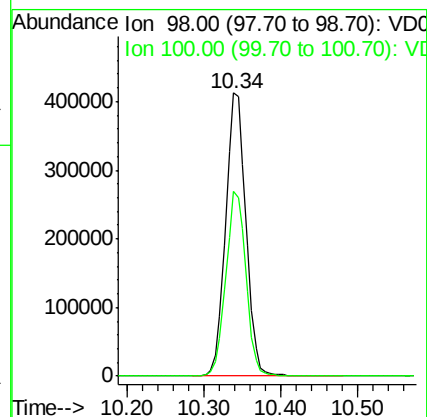
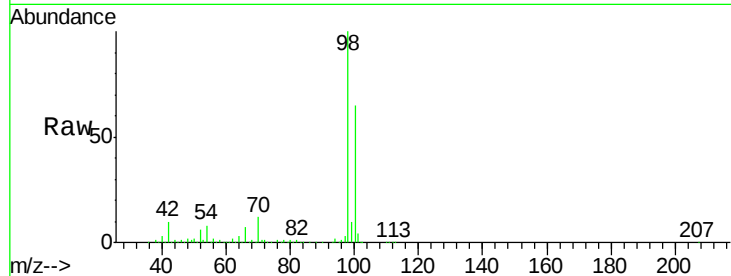
PAV-B10-100720-0-1

Tot Ion: 98 Resp: 754910

Ion Ratio Lower Upper

98 100

100 64.8 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 47.862 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.01 min

Lab File: VD067198.D

Acq: 08 Oct 2020 16:53

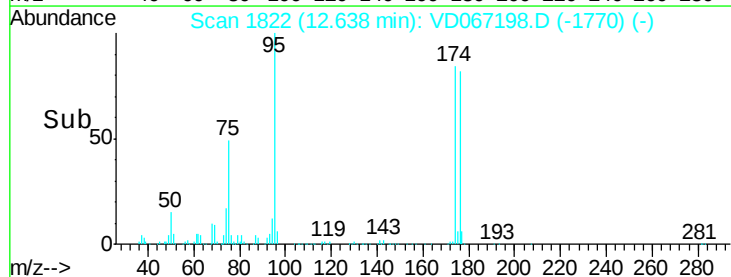
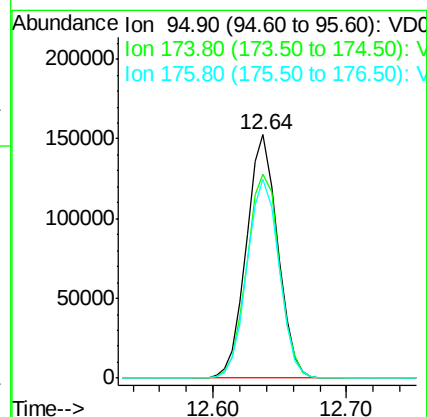
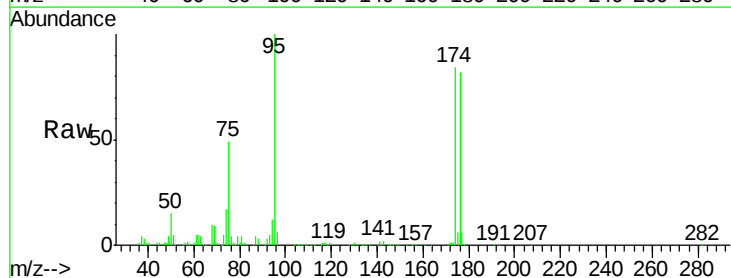
Tgt Ion: 95 Resp: 246962

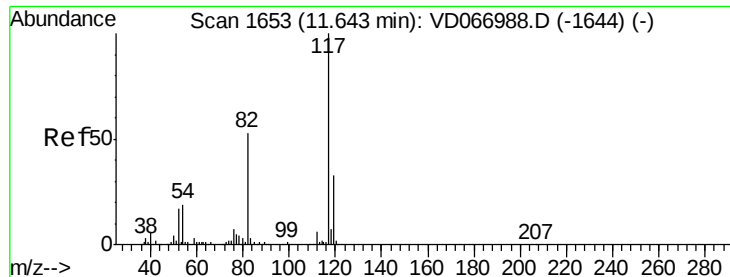
Ion Ratio Lower Upper

95 100

174 87.5 0.0 167.6

176 83.4 0.0 162.4

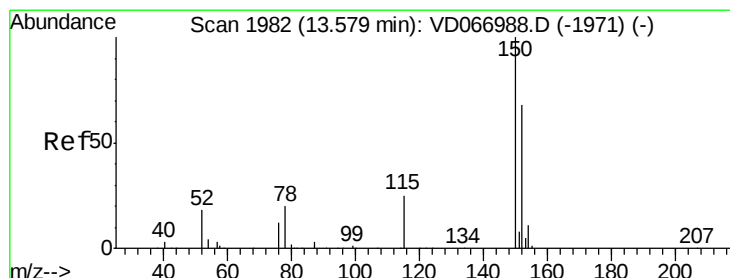
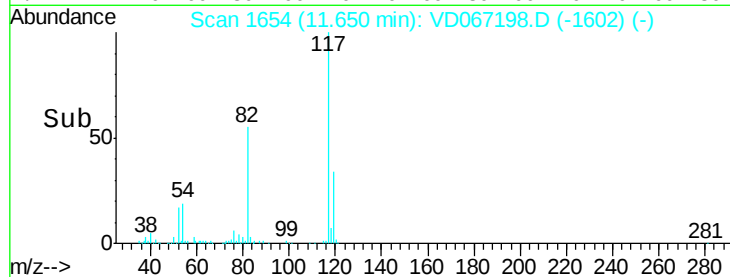
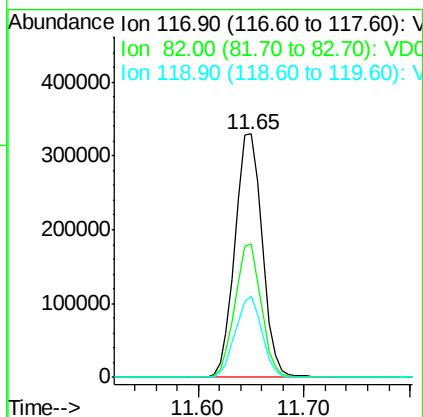
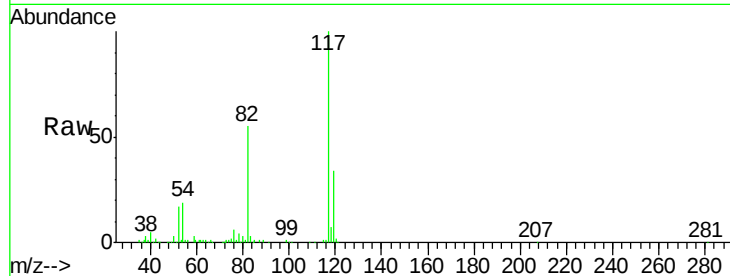




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067198.D
Acq: 08 Oct 2020 16:53

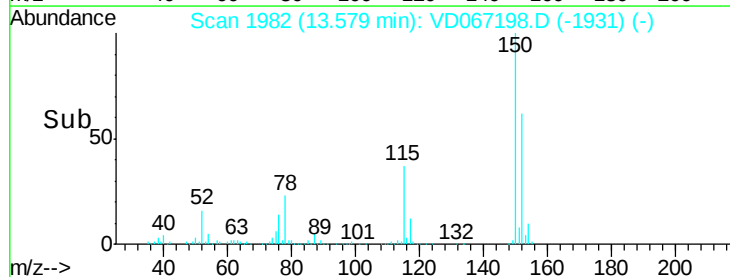
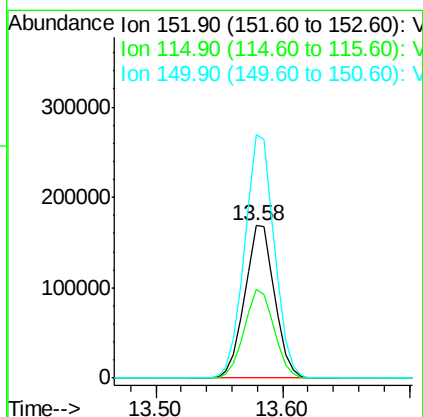
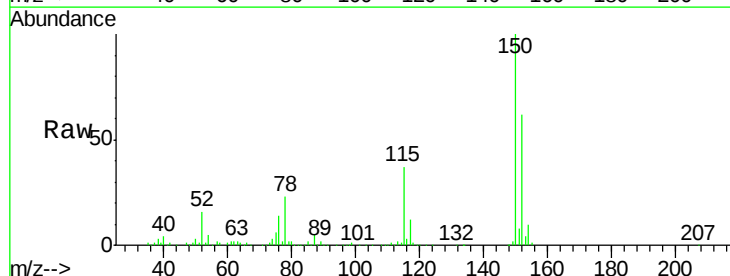
Instrument :
MSVOA_D
ClientSampleId :
PAV-B10-100720-0-1

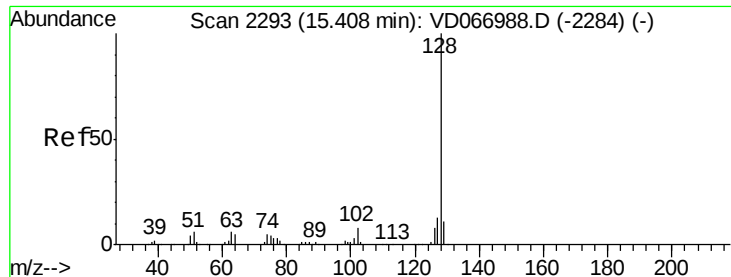
Tot Ion:117 Resp: 587027
Ion Ratio Lower Upper
117 100
82 54.6 42.6 63.8
119 33.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067198.D
Acq: 08 Oct 2020 16:53

Tgt Ion:152 Resp: 277108
Ion Ratio Lower Upper
152 100
115 58.2 29.6 88.8
150 158.8 0.0 344.8

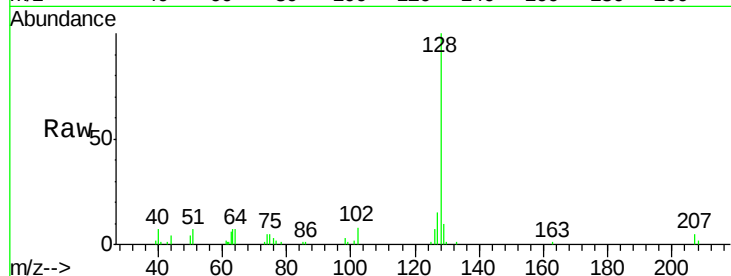




#95
 Naphthalene
 Concen: 4.242 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: VD067198.D
 Acq: 08 Oct 2020 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 PAV-B10-100720-0-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.3	15.5
129	10.5	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

