

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101520\
 Data File : VD067280.D
 Acq On : 15 Oct 2020 13:43
 Operator : VA/SY
 Sample : L4392-01
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Oct 16 01:48:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	137718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	234764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	236090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	115864	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	95930	69.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	139.06%	
35) Dibromofluoromethane	7.91	113	82158	52.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.18%	
50) Toluene-d8	10.34	98	282406	49.95	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.64	95	94943	48.29	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.58%	

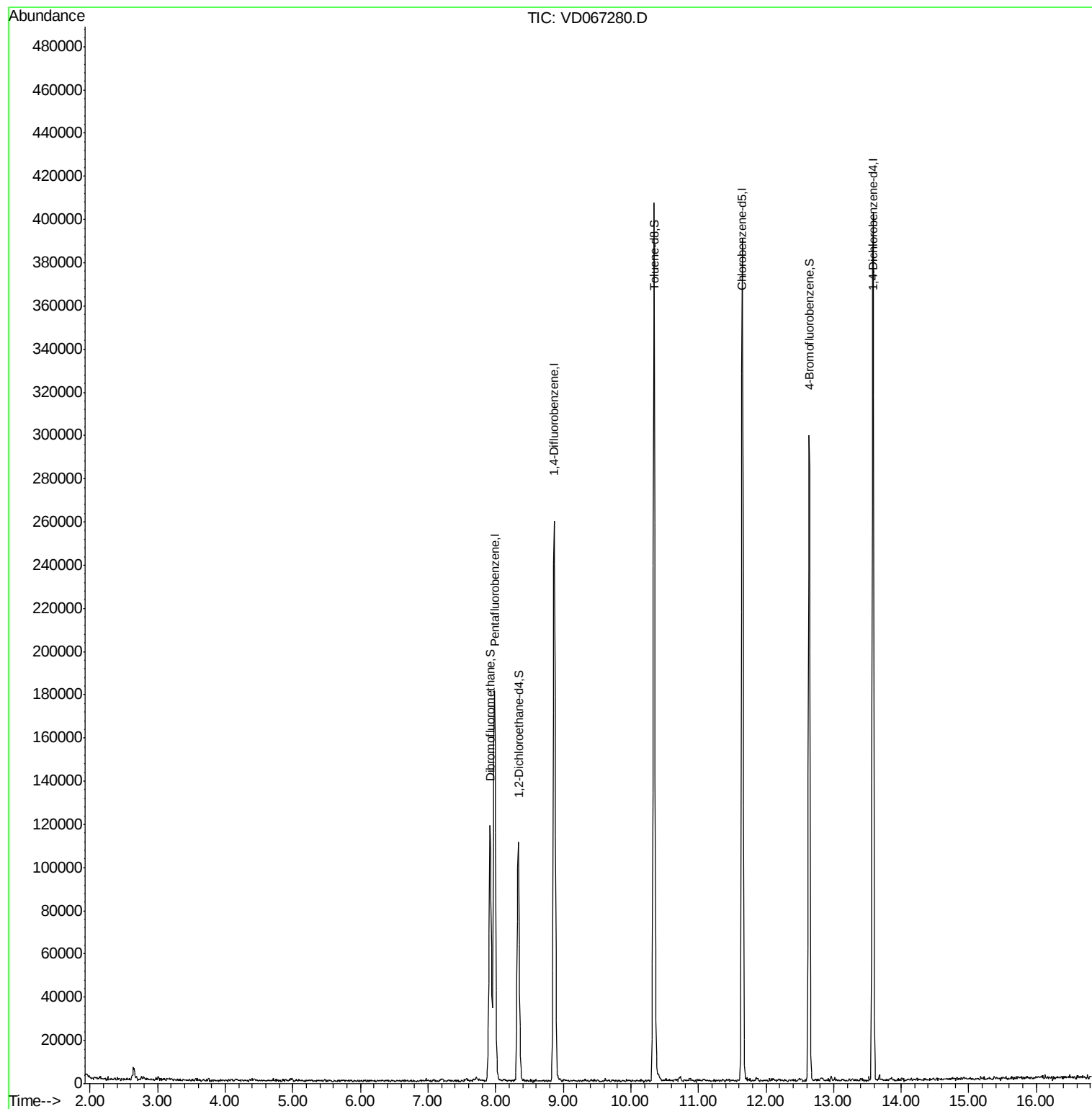
Target Compounds	Qvalue

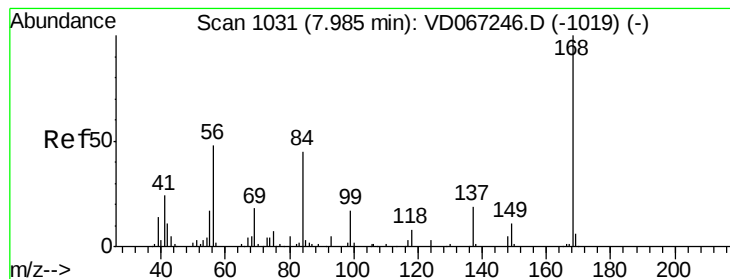
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067280.D

Acq: 15 Oct 2020 13:43

Instrument :

MSVOA_D

ClientSampleId :

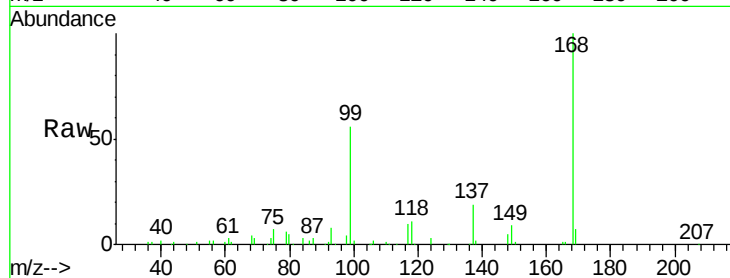
TP-1

Tot Ion:168 Resp: 137718

Ion Ratio Lower Upper

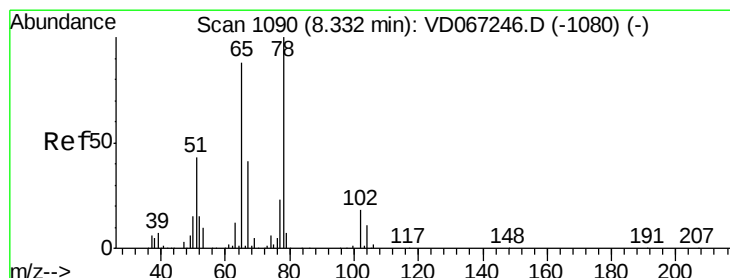
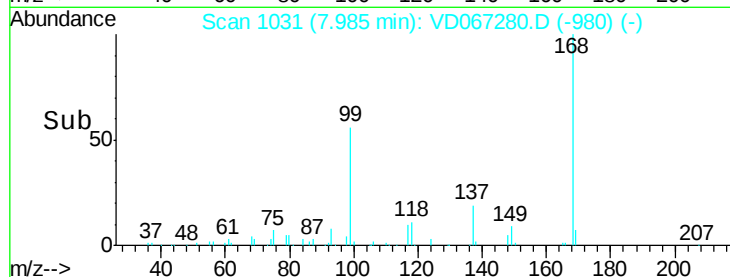
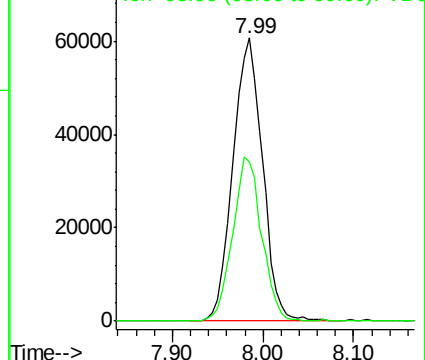
168 100

99 56.3 45.9 68.9



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: 69.528 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067280.D

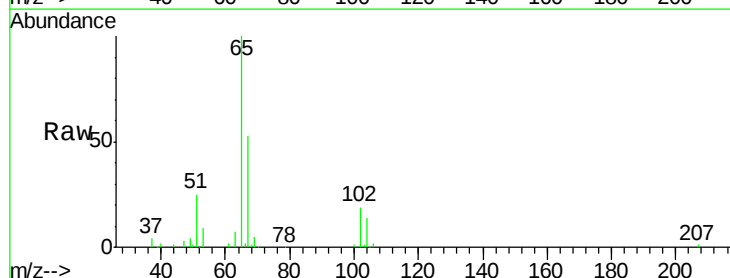
Acq: 15 Oct 2020 13:43

Tgt Ion: 65 Resp: 95930

Ion Ratio Lower Upper

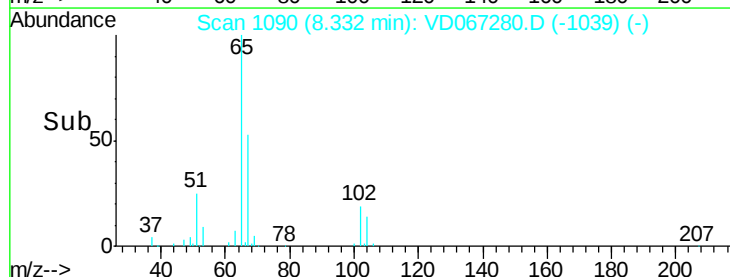
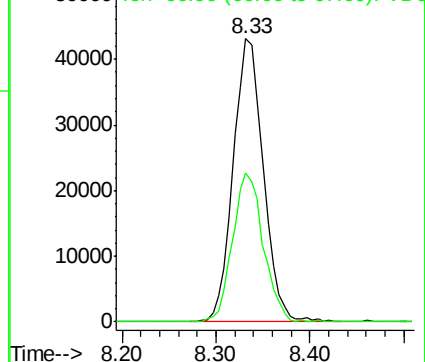
65 100

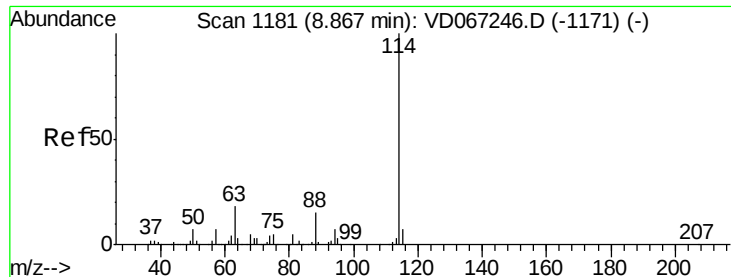
67 53.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

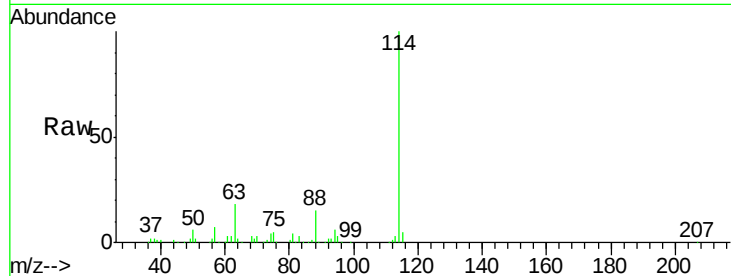




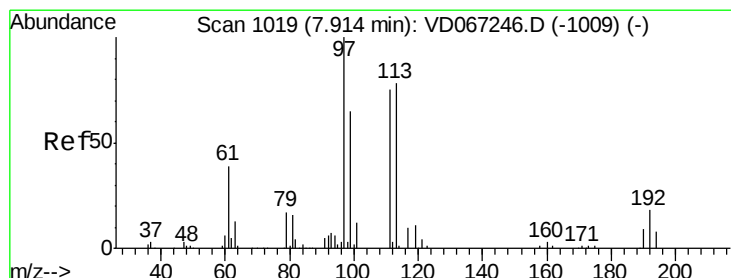
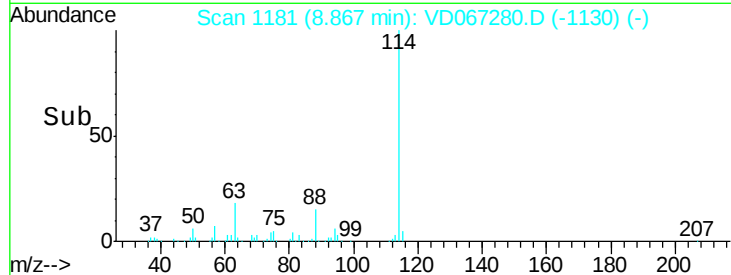
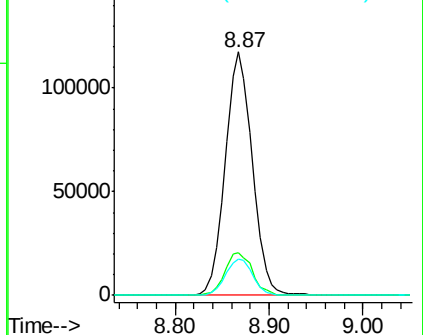
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067280.D
 Acq: 15 Oct 2020 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	35.0
88	14.9	0.0	30.6

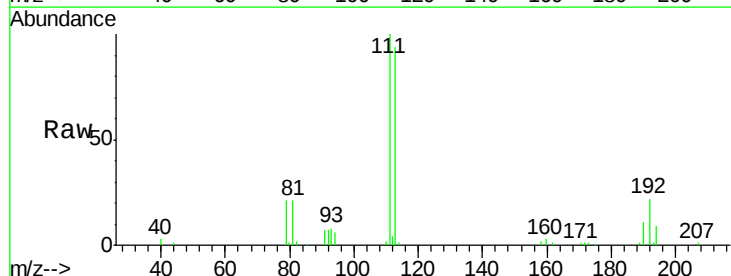


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

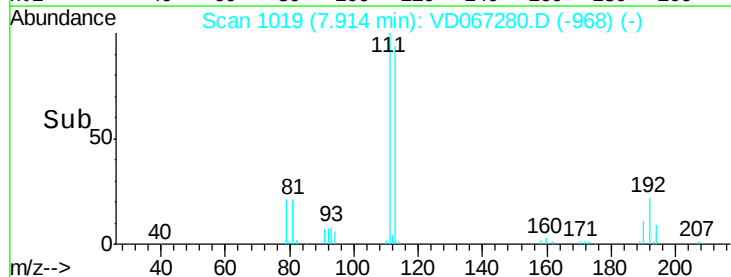
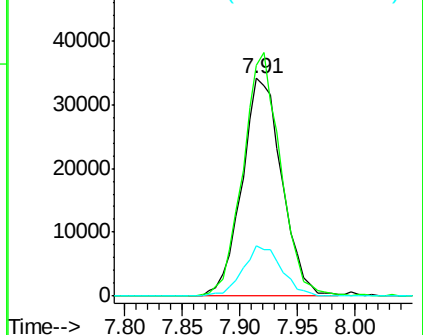


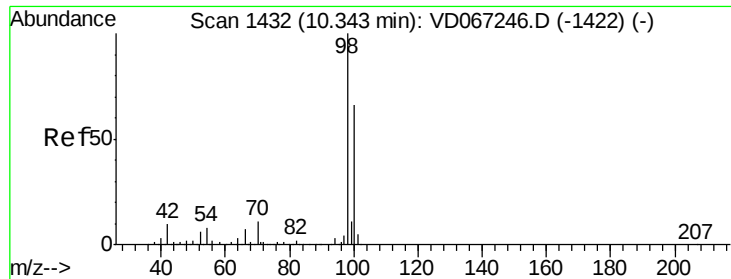
#35
 Dibromofluoromethane
 Concen: 52.586 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067280.D
 Acq: 15 Oct 2020 13:43

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.5	81.6	122.4
192	22.2	17.0	25.4



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

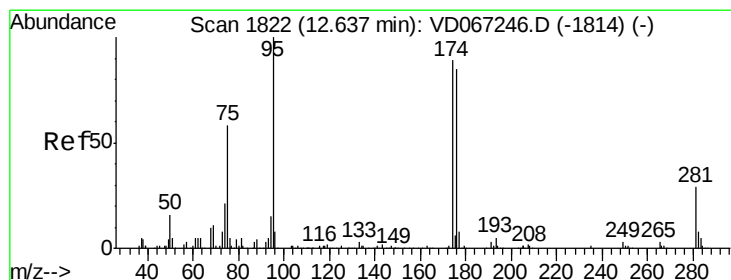
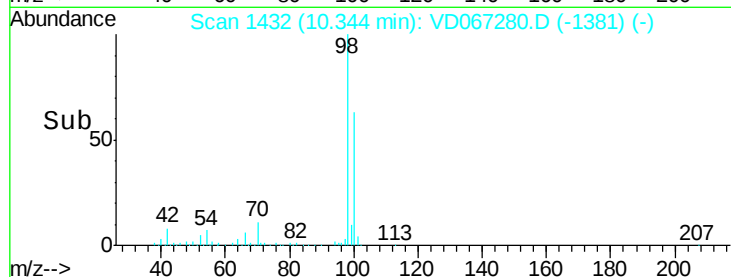
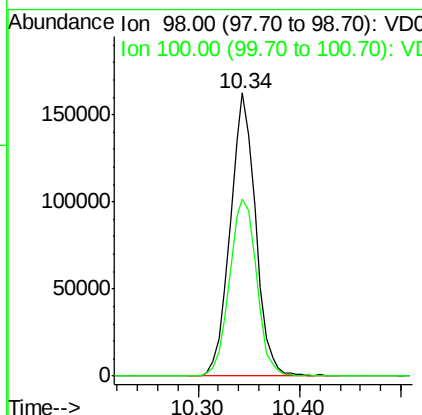
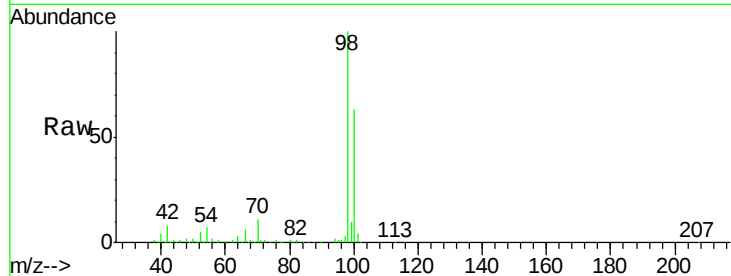




#50
Toluene-d8
Concen: 49.948 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067280.D
Acq: 15 Oct 2020 13:43

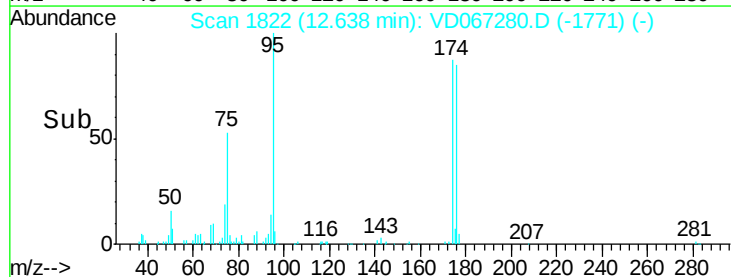
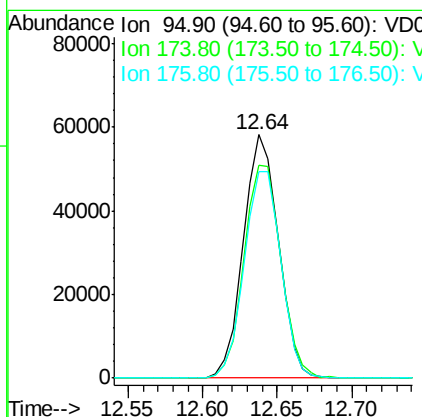
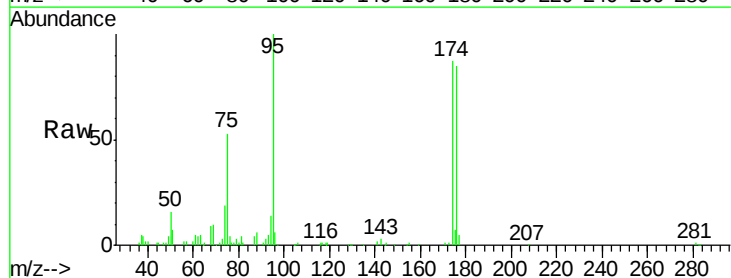
Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion: 98 Resp: 282406
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.292 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067280.D
Acq: 15 Oct 2020 13:43

Tgt Ion: 95 Resp: 94943
Ion Ratio Lower Upper
95 100
174 91.8 0.0 175.2
176 88.4 0.0 168.6

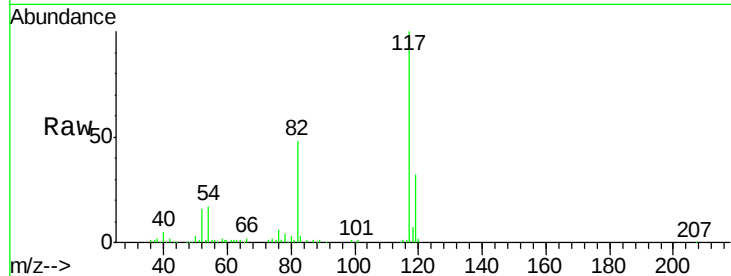




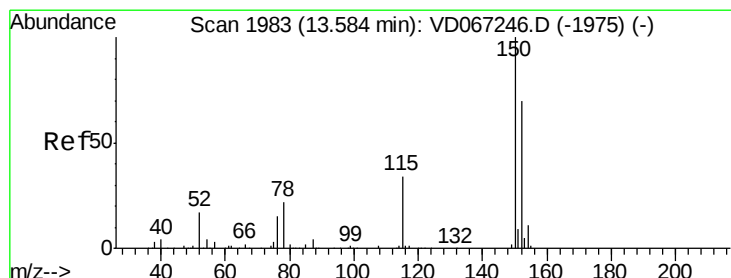
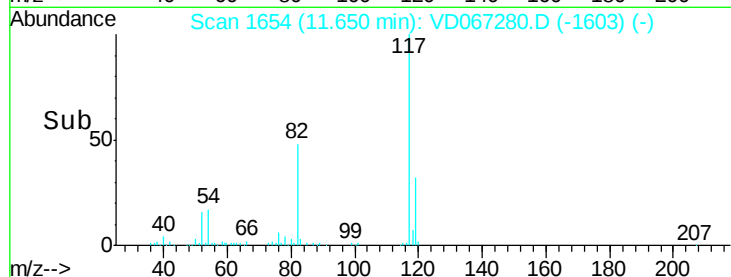
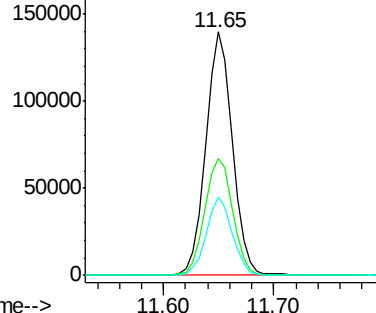
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067280.D
Acq: 15 Oct 2020 13:43

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tot Ion:117 Resp: 236090
Ion Ratio Lower Upper
117 100
82 48.1 39.9 59.9
119 32.3 24.9 37.3

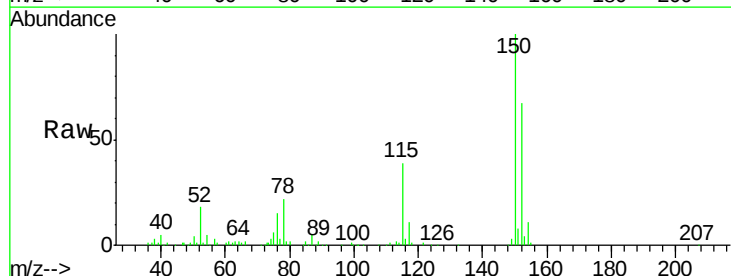


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067280.D
Acq: 15 Oct 2020 13:43

Tgt Ion:152 Resp: 115864
Ion Ratio Lower Upper
152 100
115 58.9 29.3 87.9
150 151.5 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

