

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067115.D
 Acq On : 06 Oct 2020 18:35
 Operator : VA/SY
 Sample : L4272-48
 Misc : 7.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-9-(3.5)

Quant Time: Oct 07 01:51:21 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	393481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	665730	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	618995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	286090	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	205369	54.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.38%	
35) Dibromofluoromethane	7.91	113	222434	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
50) Toluene-d8	10.34	98	784471	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.64	95	263382	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

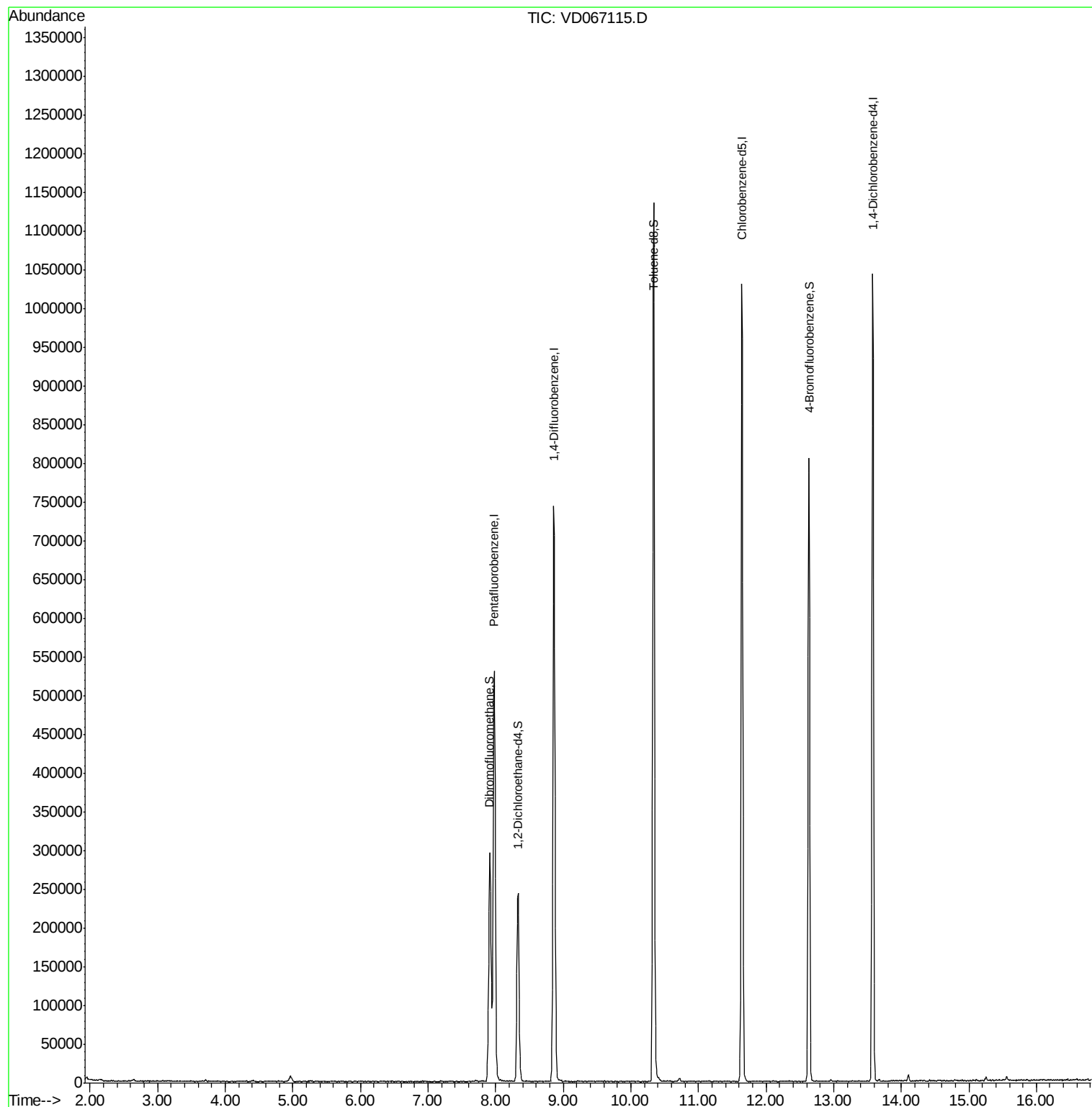
Target Compounds	Qvalue

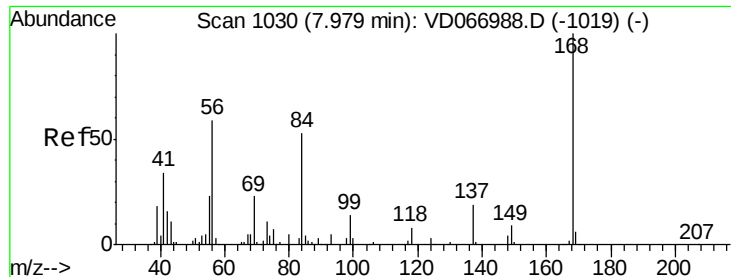
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067115.D

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Instrument :

MSVOA_D

ClientSampleId :

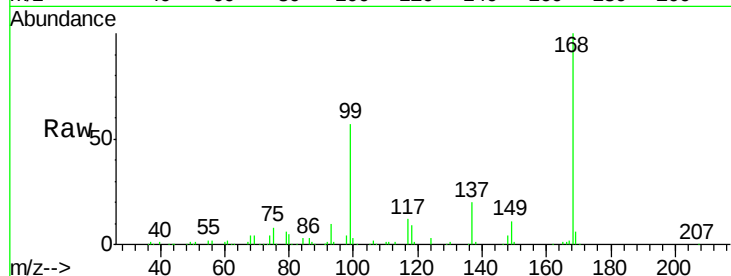
SC-9-(3.5)

Tot Ion:168 Resp: 393481

Ion Ratio Lower Upper

168 100

99 57.4 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

200000

150000

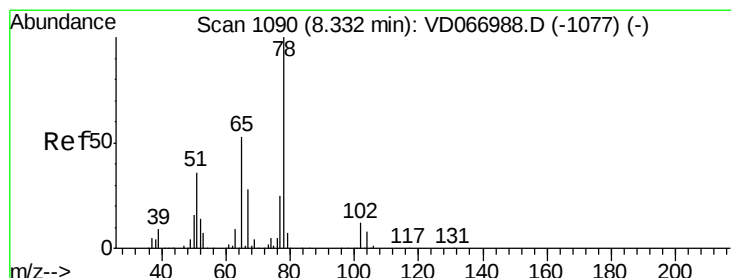
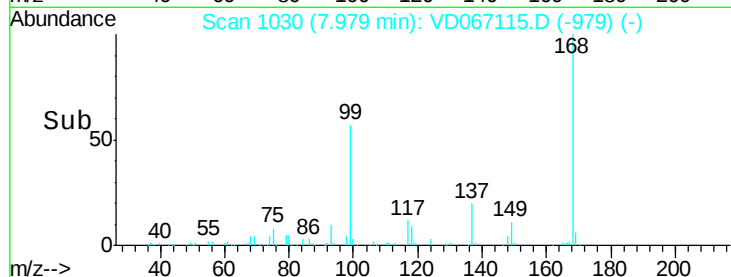
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.187 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067115.D

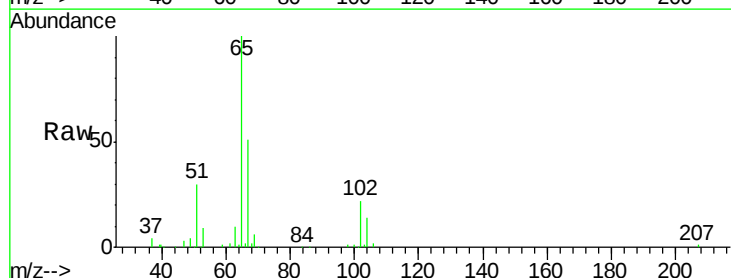
Acq: 06 Oct 2020 18:35

Tgt Ion: 65 Resp: 205369

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

100000

80000

60000

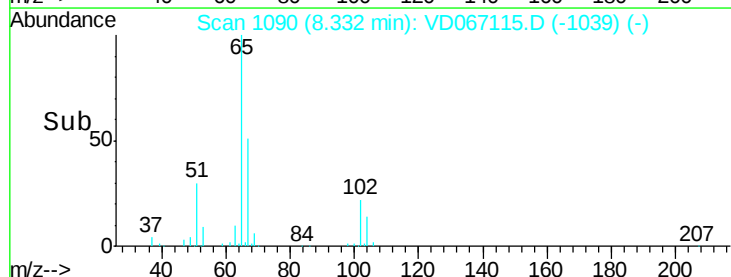
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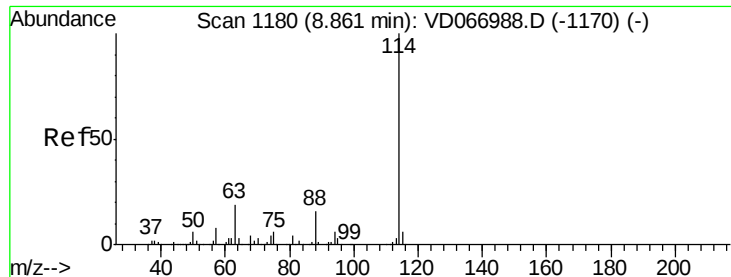
20000

0

8.20 8.30 8.40

Time-->

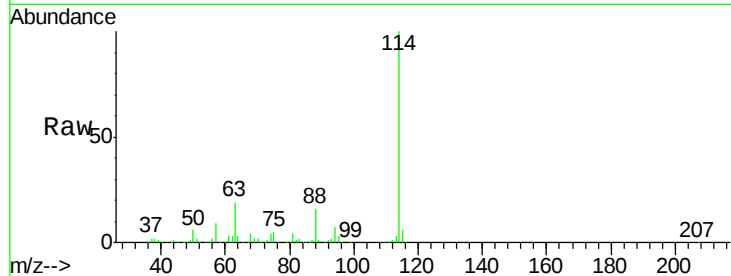




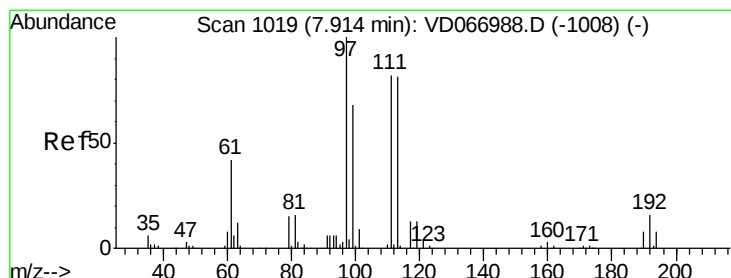
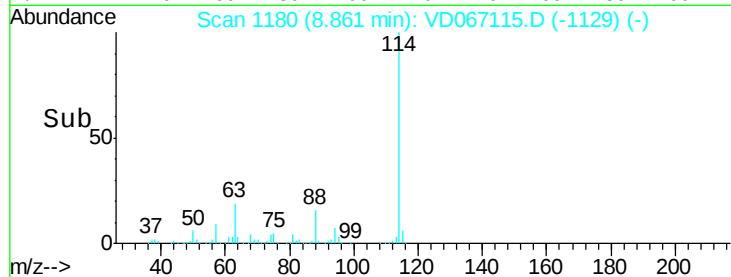
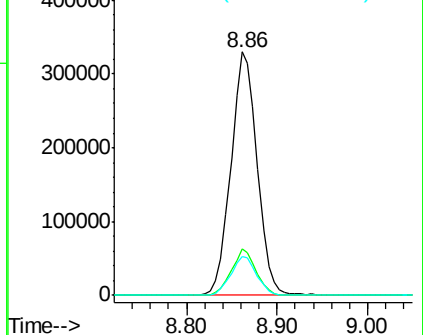
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067115.D
 Acq: 06 Oct 2020 18:35

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-9-(3.5)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	15.7	0.0	31.2

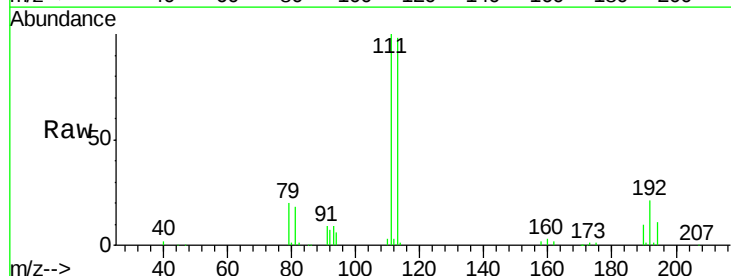


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

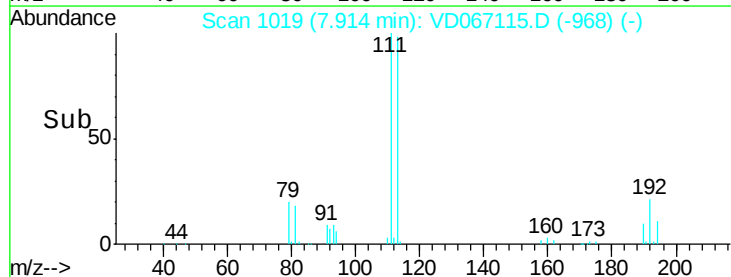
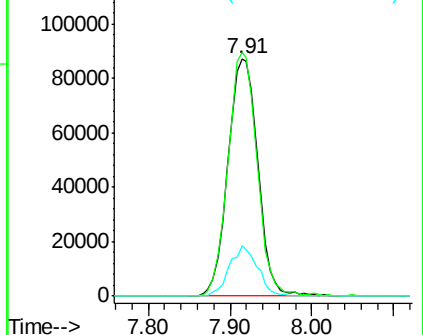


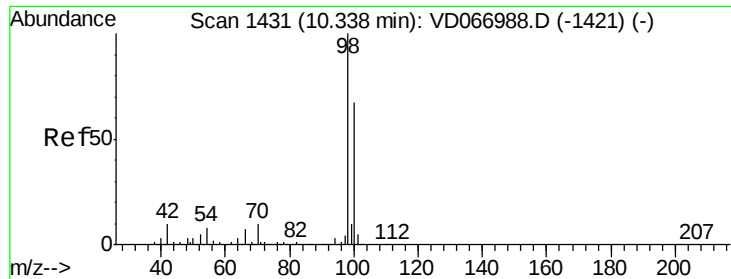
#35
 Dibromofluoromethane
 Concen: 51.036 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067115.D
 Acq: 06 Oct 2020 18:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	99.4	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

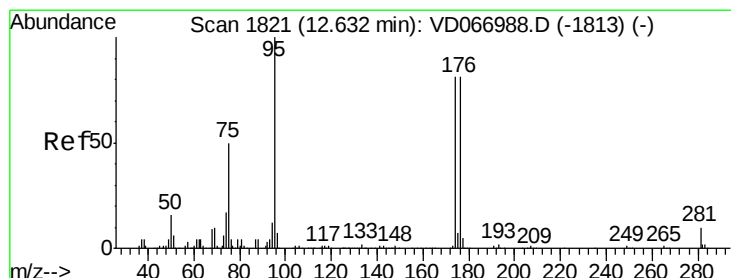
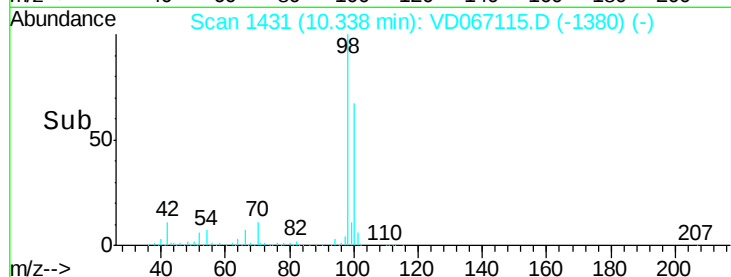
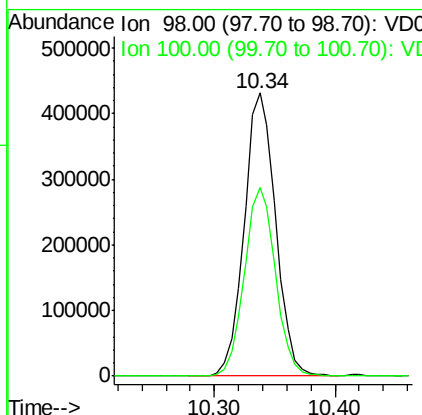
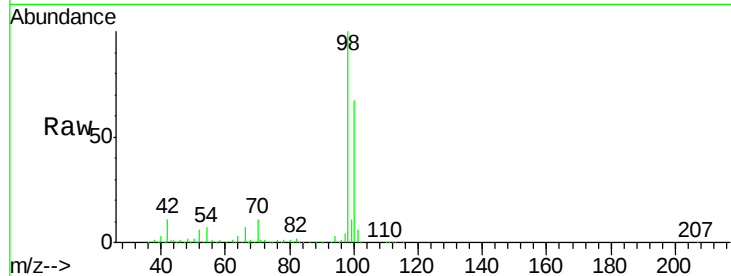




#50
Toluene-d8
Concen: 49.395 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067115.D
Acq: 06 Oct 2020 18:35

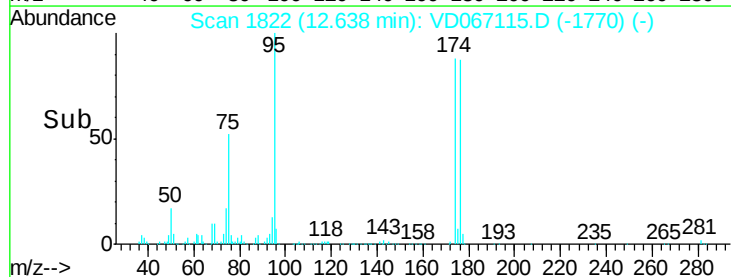
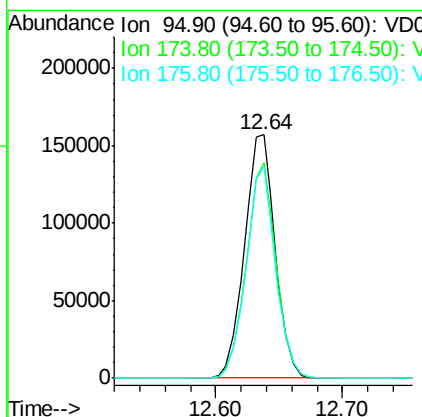
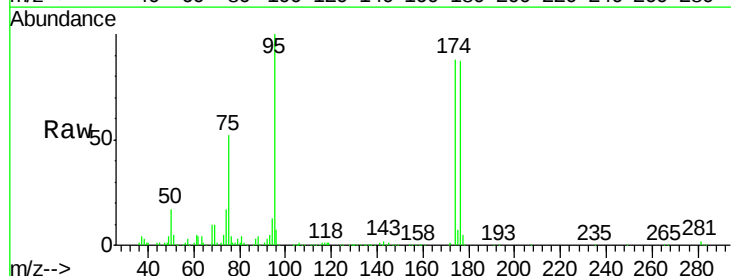
Instrument :
MSVOA_D
ClientSampleId :
SC-9-(3.5)

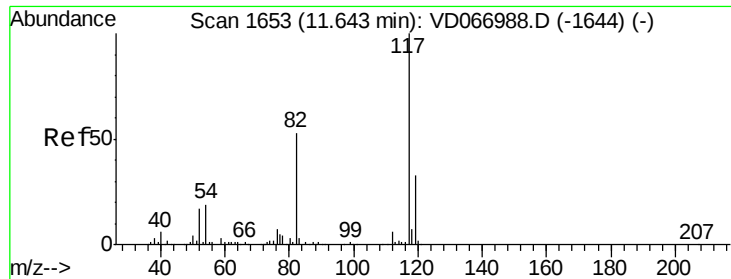
Tot Ion: 98 Resp: 784471
Ion Ratio Lower Upper
98 100
100 66.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 48.852 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067115.D
Acq: 06 Oct 2020 18:35

Tgt Ion: 95 Resp: 263382
Ion Ratio Lower Upper
95 100
174 85.8 0.0 167.6
176 83.3 0.0 162.4

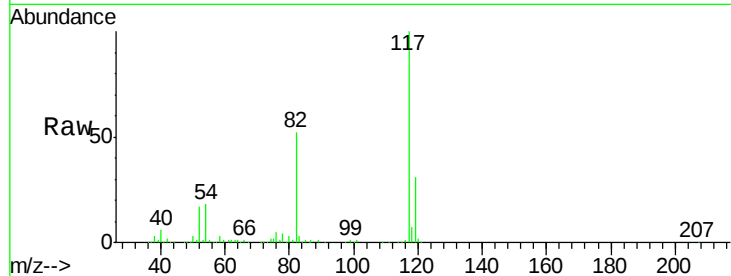




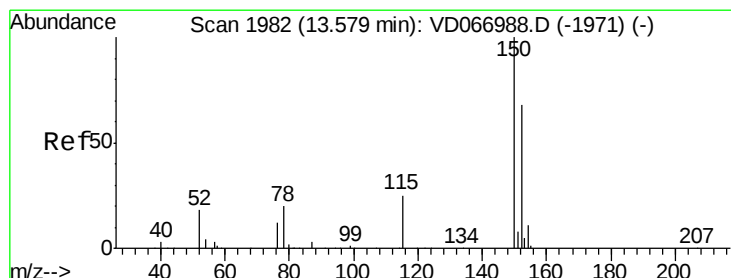
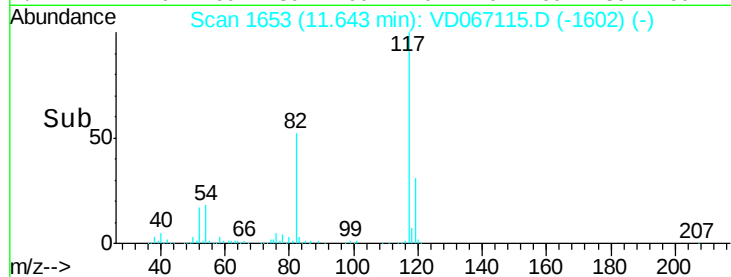
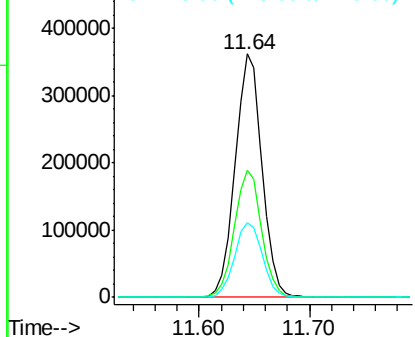
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067115.D
Acq: 06 Oct 2020 18:35

Instrument :
MSVOA_D
ClientSampleID :
SC-9-(3.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	42.6	63.8
119	30.9	26.3	39.5

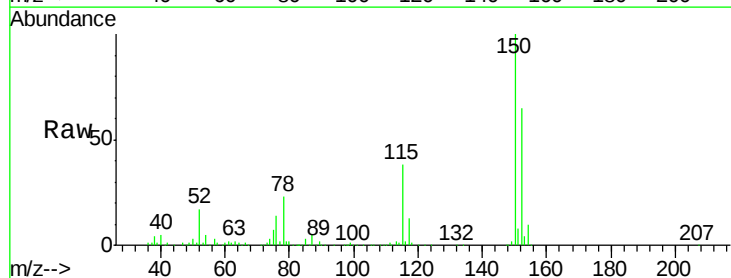


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067115.D
Acq: 06 Oct 2020 18:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.6	88.8
150	158.7	0.0	344.8



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

