

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067014.D
 Acq On : 02 Oct 2020 02:24
 Operator : VA/SY
 Sample : L4198-22
 Misc : 6.79G/5.00ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-17

Quant Time: Oct 02 04:18:09 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

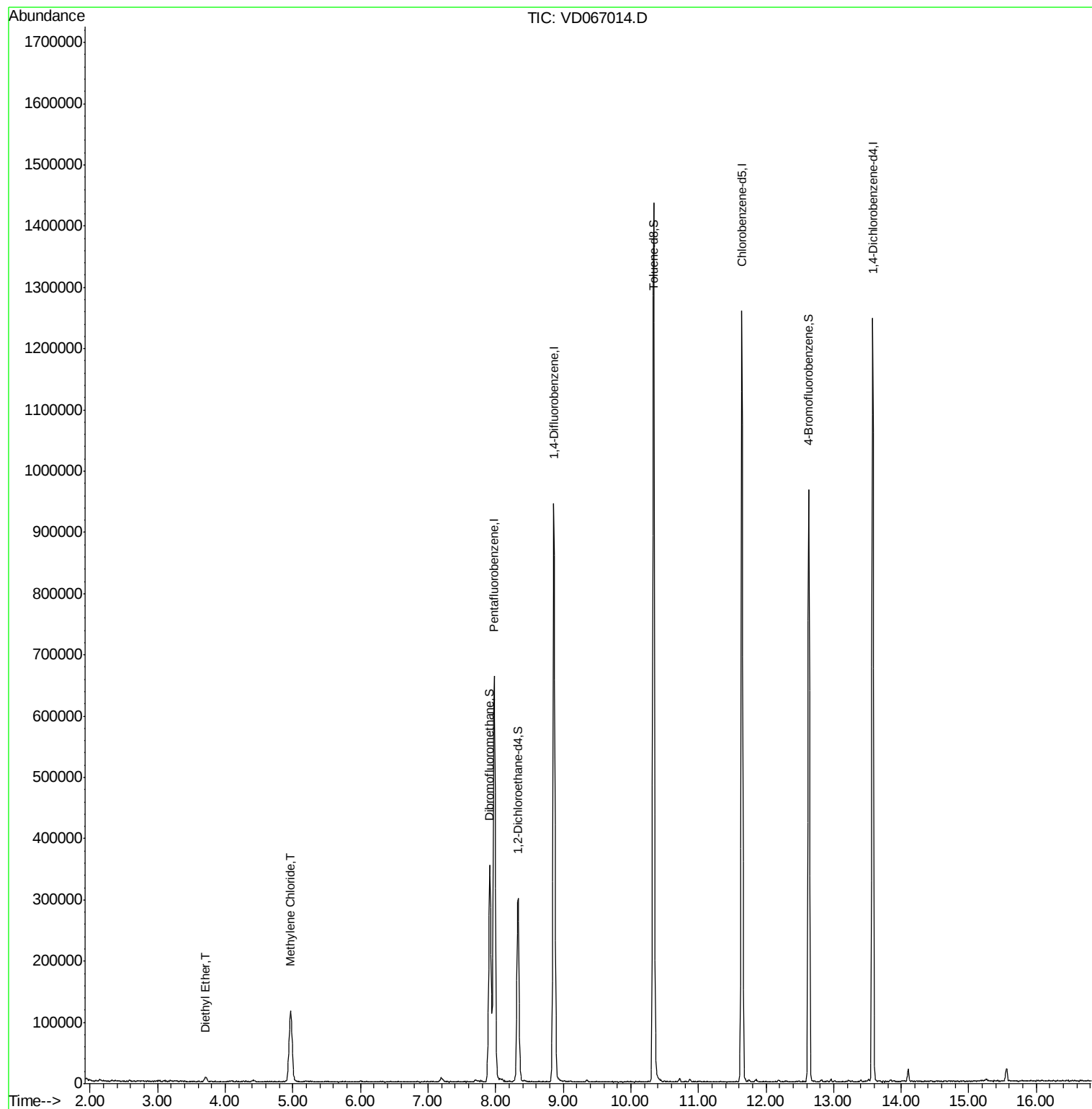
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	491933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	822124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	749152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	340418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	244182	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
35) Dibromofluoromethane	7.91	113	262812	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	10.34	98	970717	49.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.63	95	310919	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
Target Compounds						
8) Diethyl Ether	3.70	74	4281	1.978	ug/l	97
20) Methylene Chloride	4.97	84	98202	13.877	ug/l	96

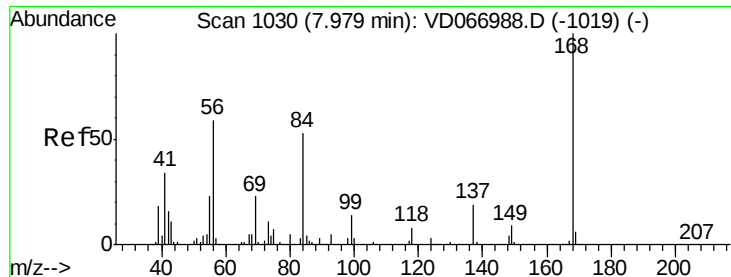
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067014.D

Acq: 02 Oct 2020 02:24

Instrument :

MSVOA_D

ClientSampleId :

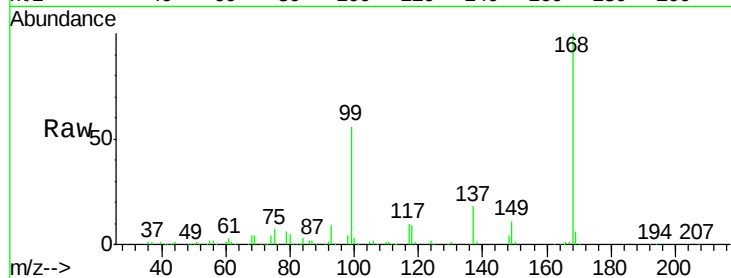
RO-17

Tot Ion:168 Resp: 491933

Ion Ratio Lower Upper

168 100

99 55.9 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

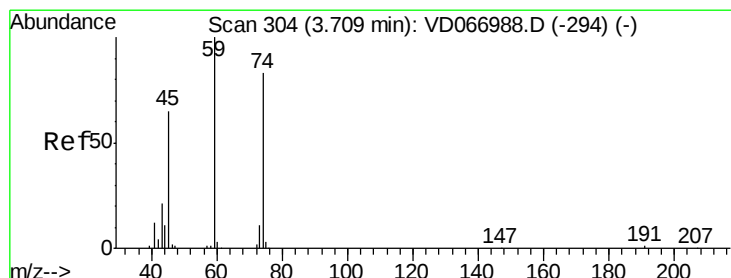
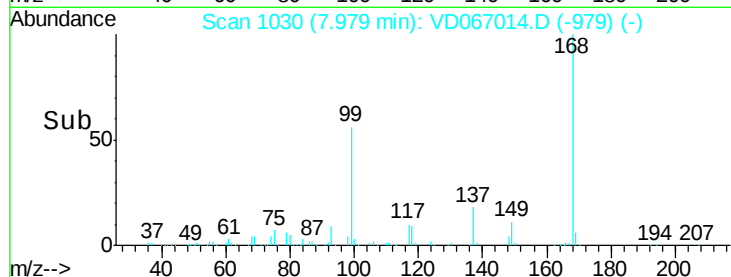
100000

50000

0

7.90 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 1.978 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD067014.D

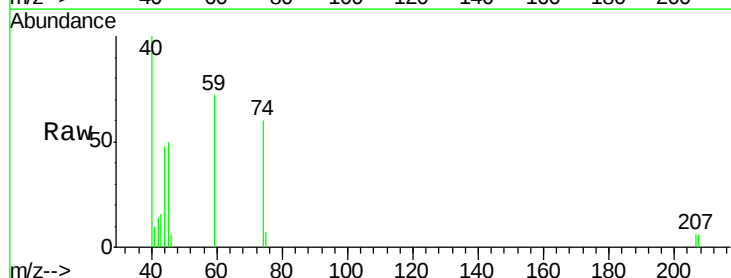
Acq: 02 Oct 2020 02:24

Tgt Ion: 74 Resp: 4281

Ion Ratio Lower Upper

74 100

45 88.7 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.70

1500

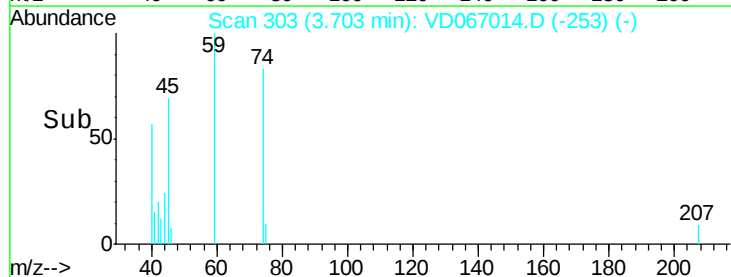
1000

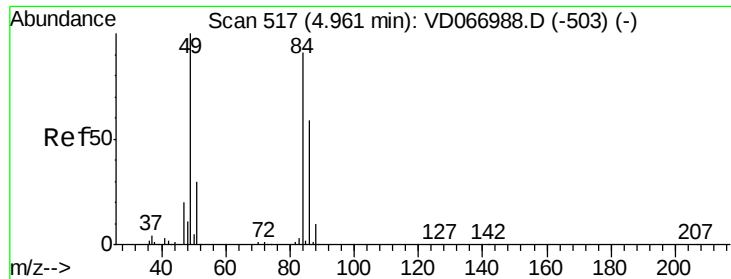
500

0

3.65 3.70 3.75

Time-->

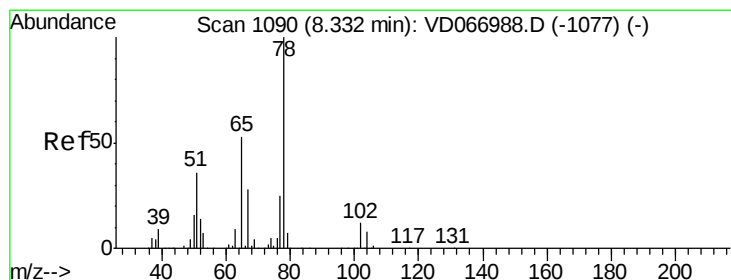
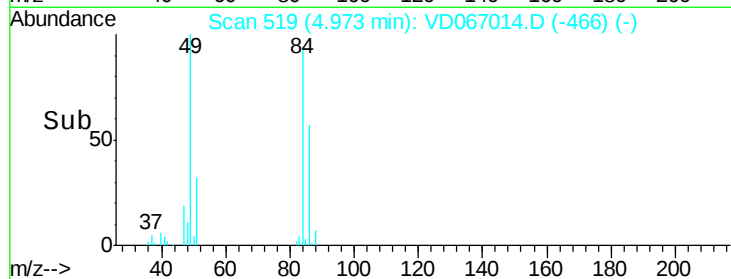
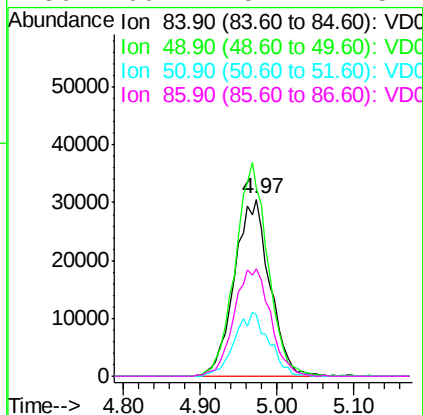
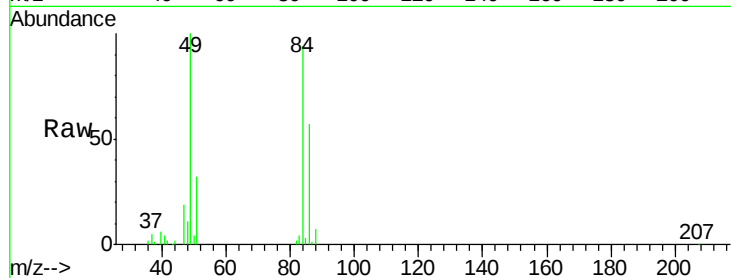




#20
Methvlene Chloride
Concen: 13.877 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067014.D
Acq: 02 Oct 2020 02:24

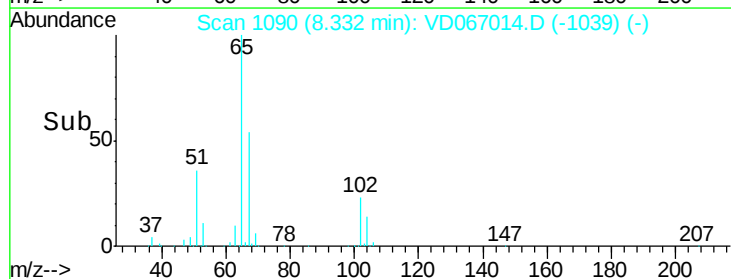
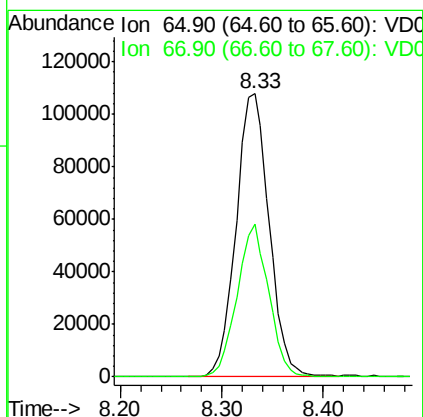
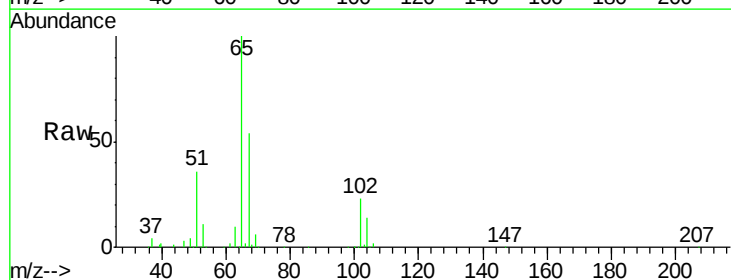
Instrument :
MSVOA_D
ClientSampleId :
RO-17

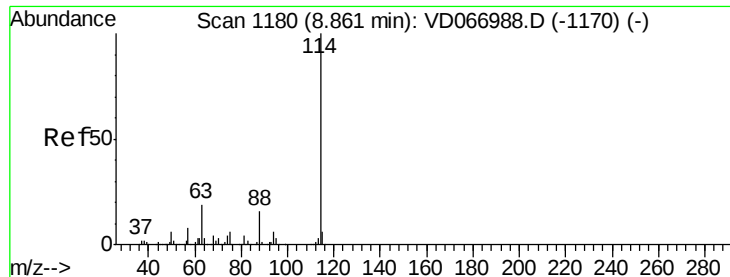
Tot Ion: 84 Resp: 98202
Ion Ratio Lower Upper
84 100
49 106.2 88.2 132.2
51 34.3 26.6 39.8
86 60.4 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 51.534 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067014.D
Acq: 02 Oct 2020 02:24

Tgt Ion: 65 Resp: 244182
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.8

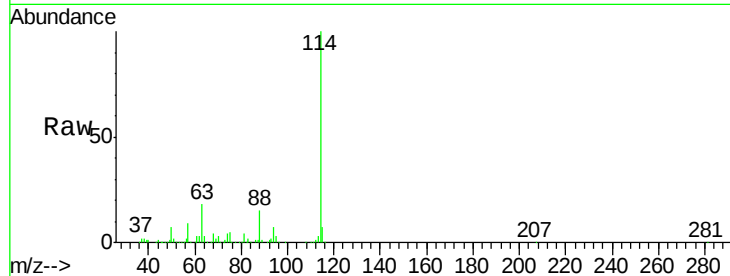




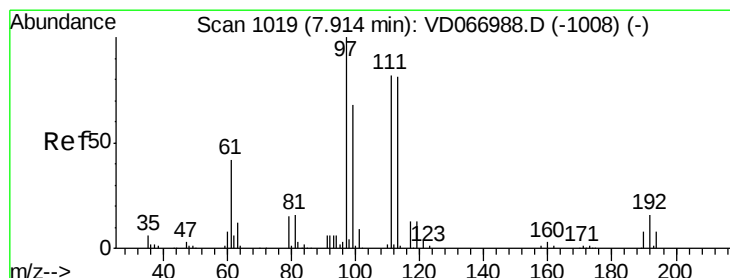
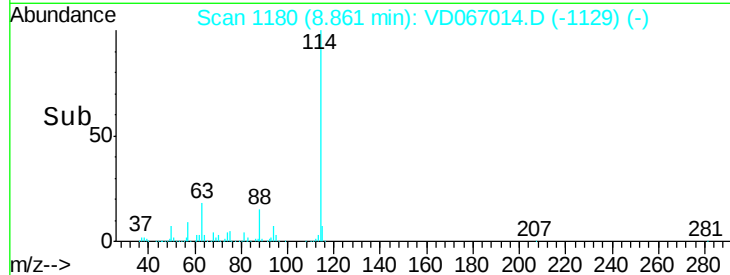
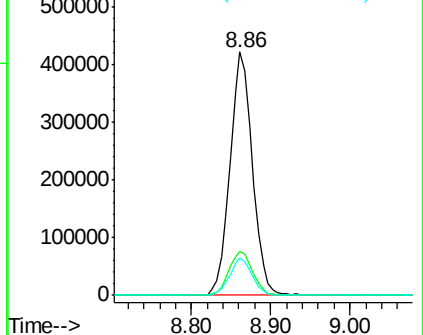
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067014.D
 Acq: 02 Oct 2020 02:24

Instrument :
 MSVOA_D
 ClientSampled :
 RO-17

Tot Ion:114 Resp: 822124
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 38.4
 88 15.2 0.0 31.2

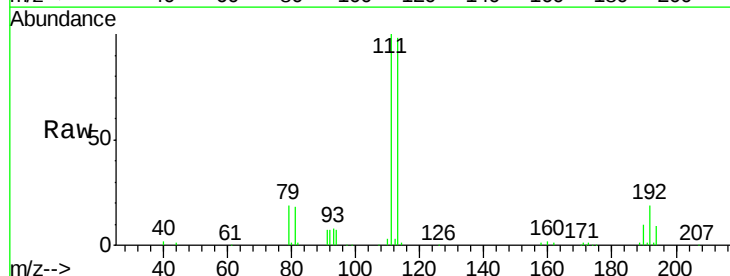


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

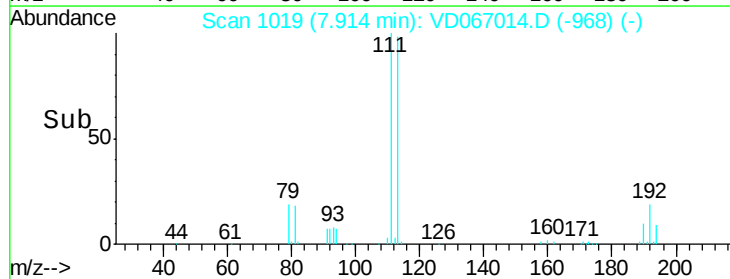
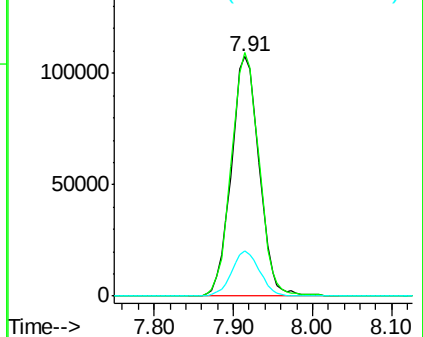


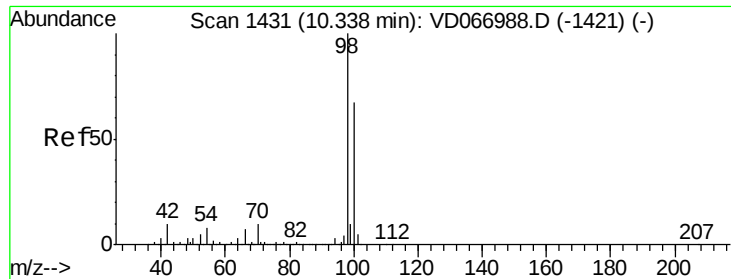
#35
 Dibromofluoromethane
 Concen: 48.829 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067014.D
 Acq: 02 Oct 2020 02:24

Tgt Ion:113 Resp: 262812
 Ion Ratio Lower Upper
 113 100
 111 100.8 83.0 124.4
 192 18.7 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

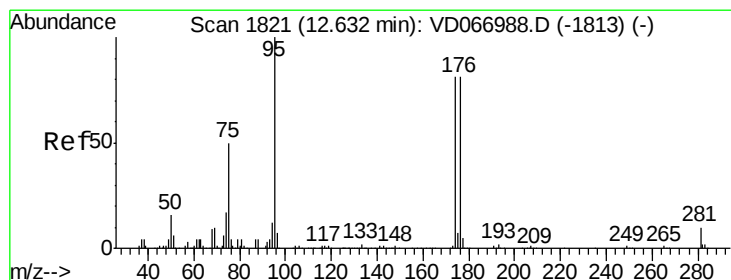
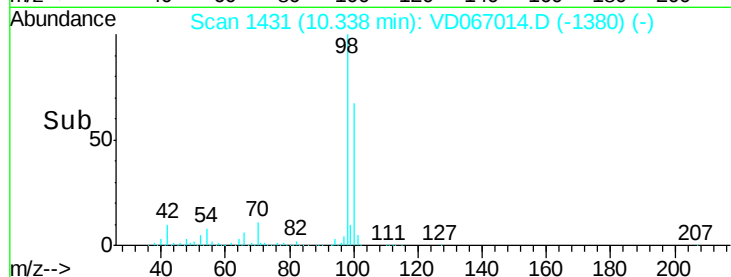
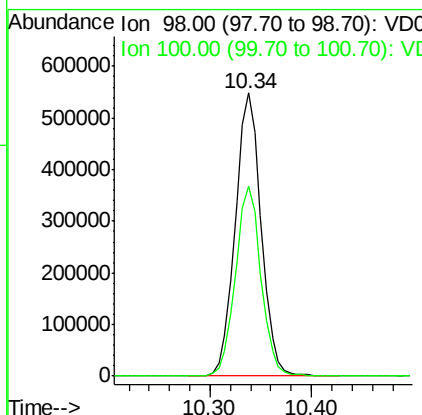
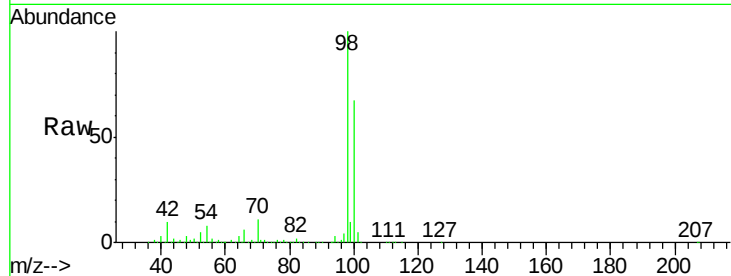




#50
Toluene-d8
Concen: 49.495 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067014.D
Acq: 02 Oct 2020 02:24

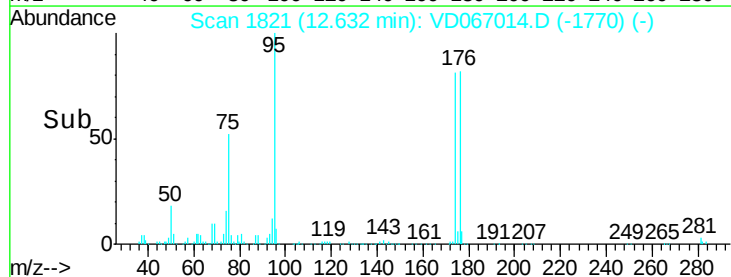
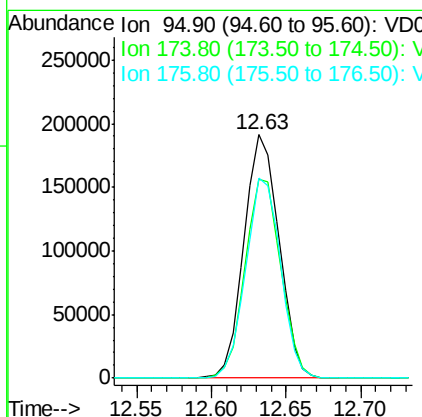
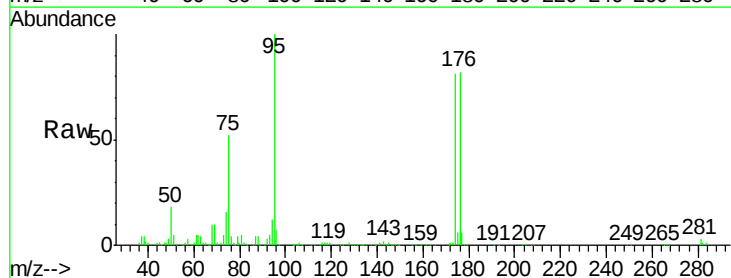
Instrument :
MSVOA_D
ClientSampleId :
RO-17

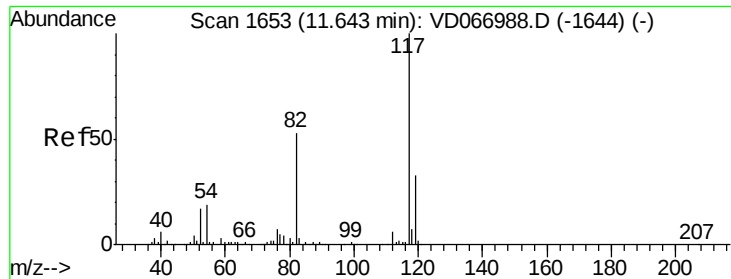
Tot Ion: 98 Resp: 970717
Ion Ratio Lower Upper
98 100
100 66.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.699 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067014.D
Acq: 02 Oct 2020 02:24

Tgt Ion: 95 Resp: 310919
Ion Ratio Lower Upper
95 100
174 83.4 0.0 167.6
176 81.7 0.0 162.4

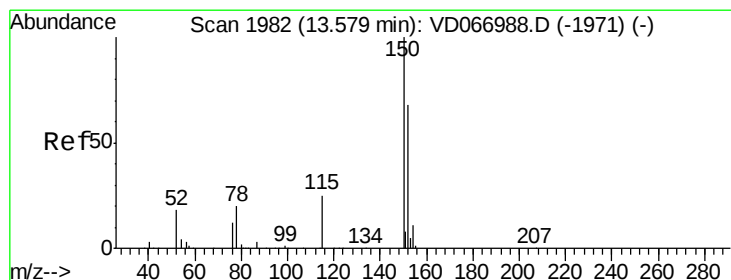
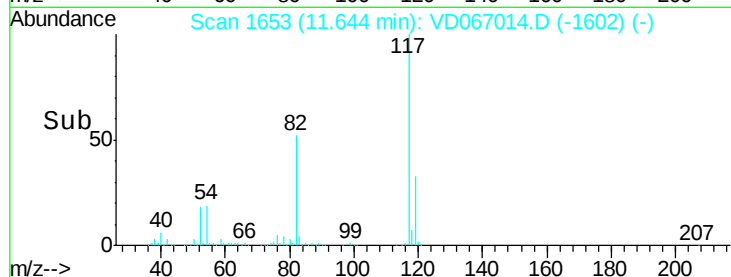
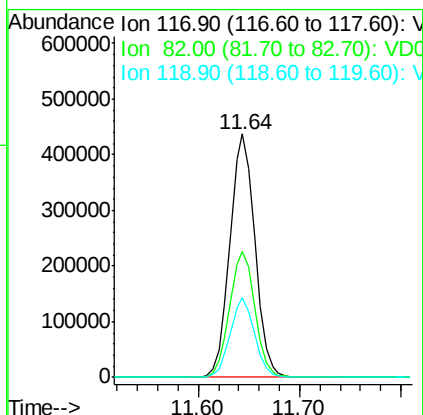
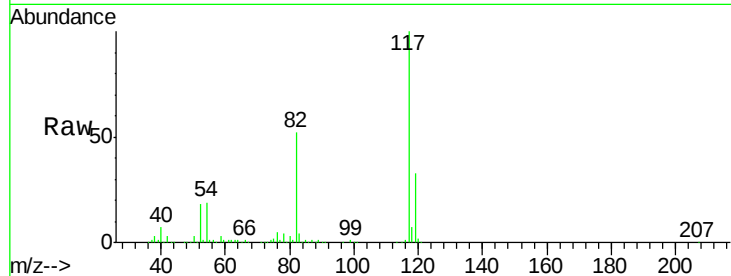




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067014.D
Acq: 02 Oct 2020 02:24

Instrument :
MSVOA_D
ClientSampled :
RO-17

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.6	63.8
119	32.9	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: VD067014.D
Acq: 02 Oct 2020 02:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.6	88.8
150	155.8	0.0	344.8

