

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067015.D
 Acq On : 02 Oct 2020 02:52
 Operator : VA/SY
 Sample : L4198-28
 Misc : 6.33G/5.00ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-19

Quant Time: Oct 02 04:19:49 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

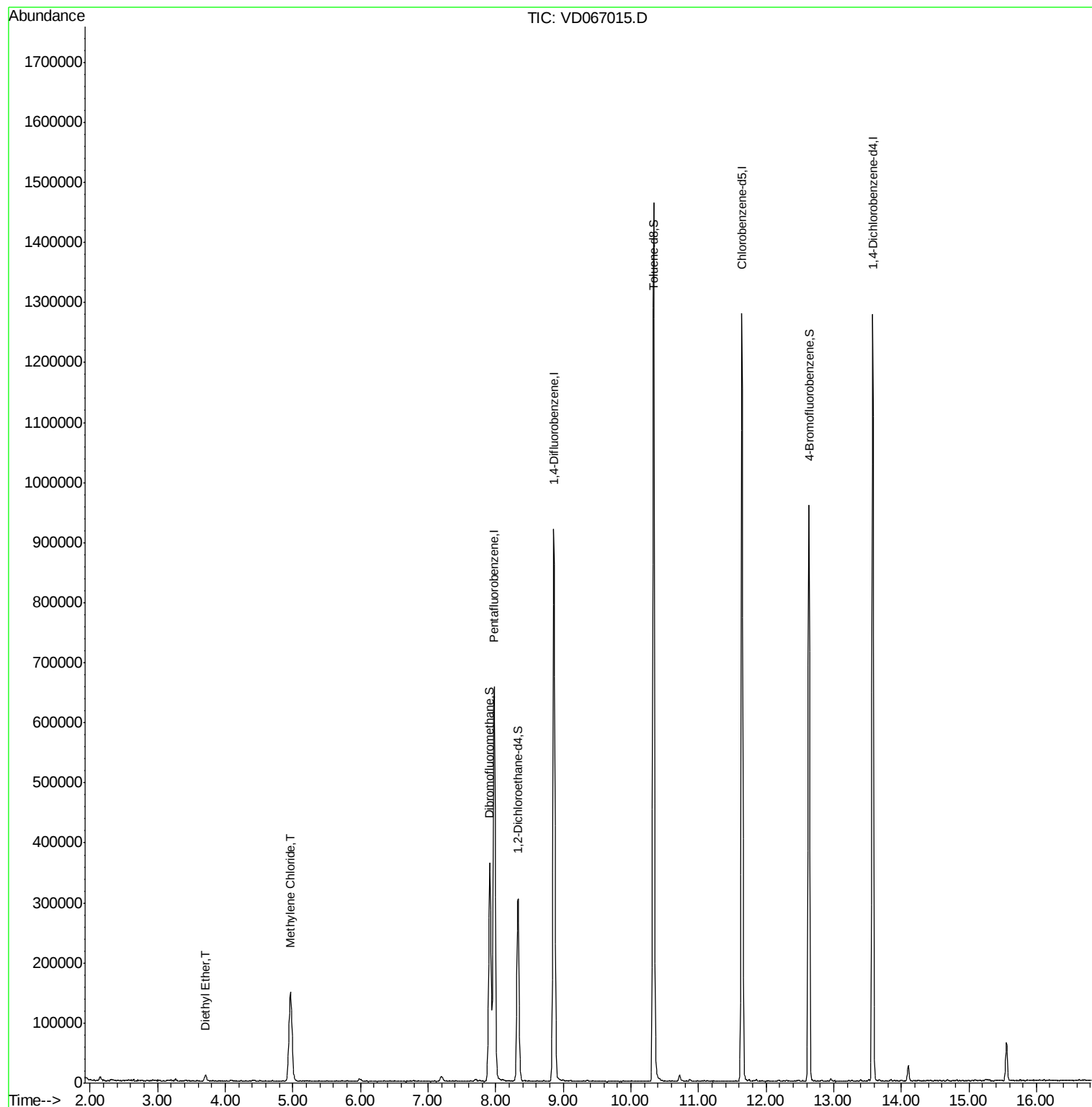
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	493255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	827617	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	760024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	342871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	245046	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
35) Dibromofluoromethane	7.91	113	268367	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	10.34	98	976953	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.63	95	309584	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
Target Compounds						
8) Diethyl Ether	3.71	74	5091	2.346	ug/l	90
20) Methylene Chloride	4.97	84	123870	19.653	ug/l	97

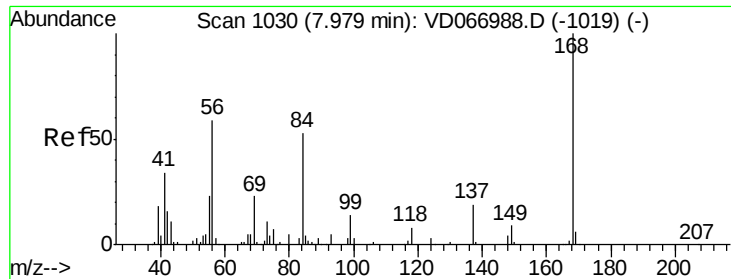
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067015.D

Acq: 02 Oct 2020 02:52

Instrument :

MSVOA_D

ClientSampleId :

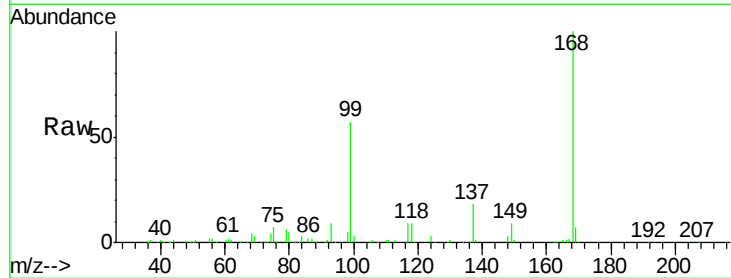
RO-19

Tot Ion:168 Resp: 493255

Ion Ratio Lower Upper

168 100

99 56.8 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

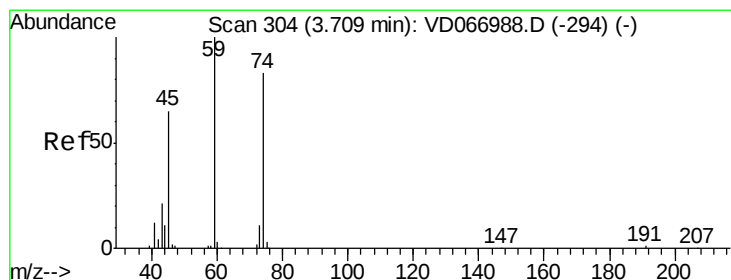
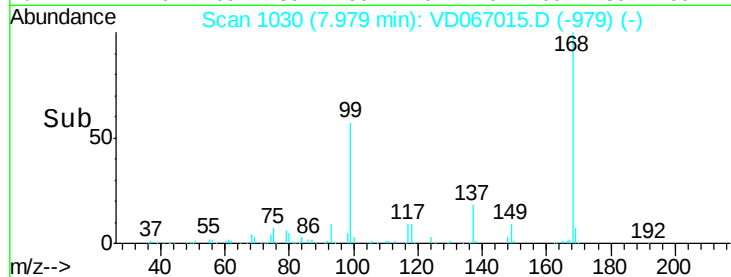
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 2.346 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD067015.D

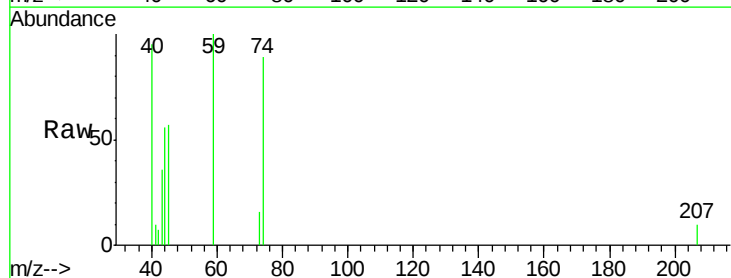
Acq: 02 Oct 2020 02:52

Tgt Ion: 74 Resp: 5091

Ion Ratio Lower Upper

74 100

45 95.4 43.1 129.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

3.71

2500

2000

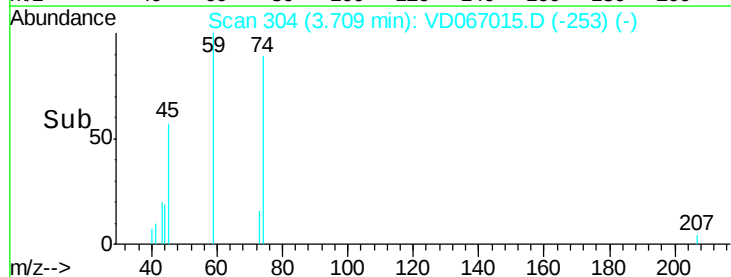
1500

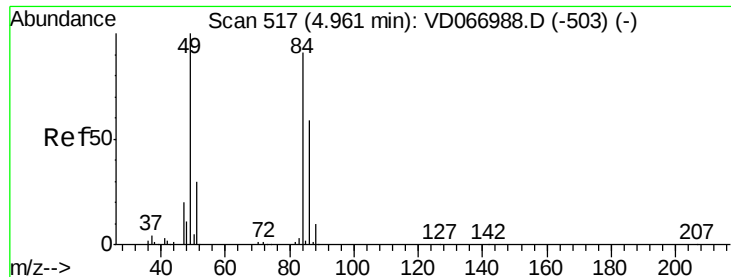
1000

500

0

Time-->

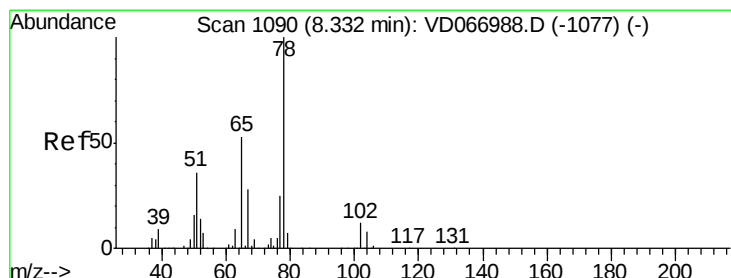
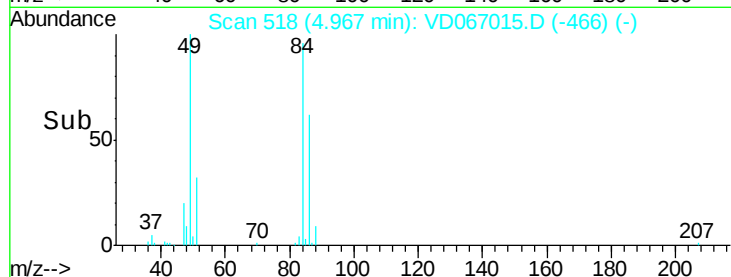
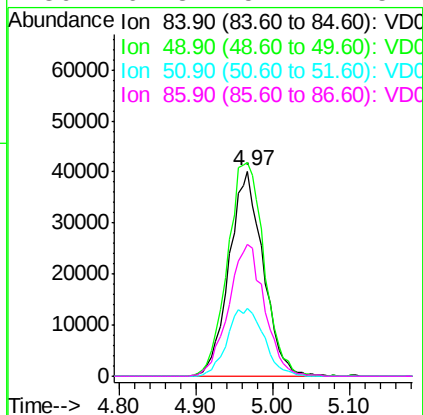
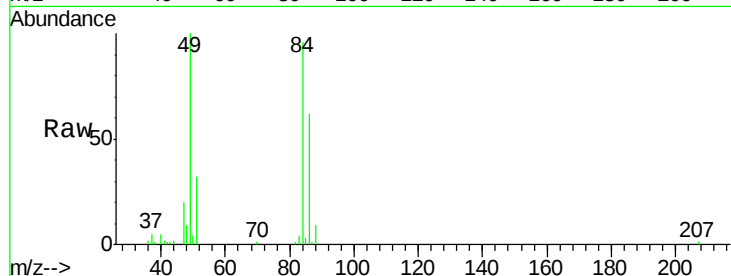




#20
Methvlene Chloride
Concen: 19.653 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067015.D
Acq: 02 Oct 2020 02:52

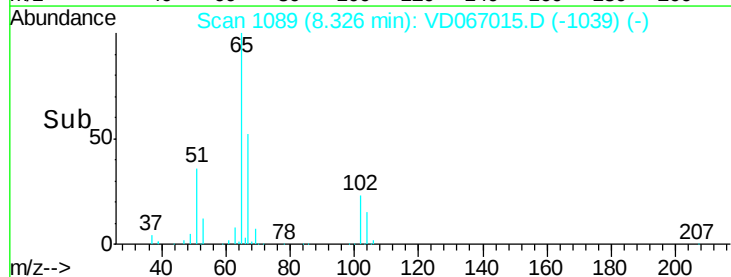
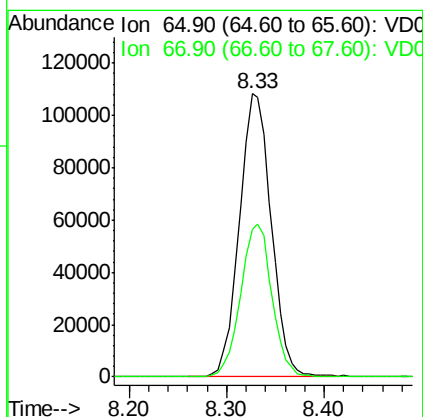
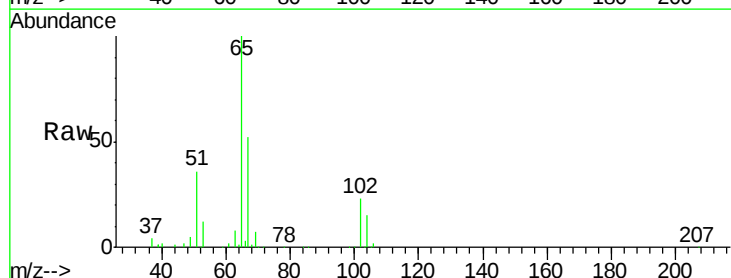
Instrument :
MSVOA_D
ClientSampled :
RO-19

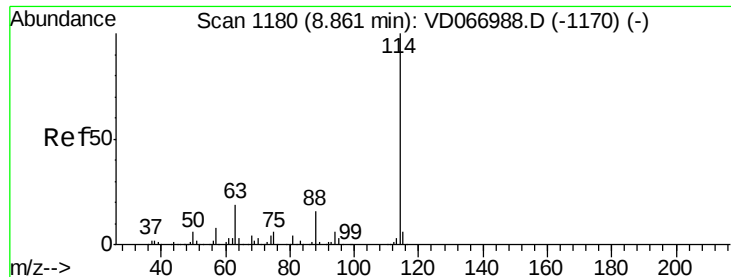
Tot Ion: 84 Resp: 123870
Ion Ratio Lower Upper
84 100
49 104.0 88.2 132.2
51 33.0 26.6 39.8
86 64.3 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 51.578 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD067015.D
Acq: 02 Oct 2020 02:52

Tgt Ion: 65 Resp: 245046
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.8

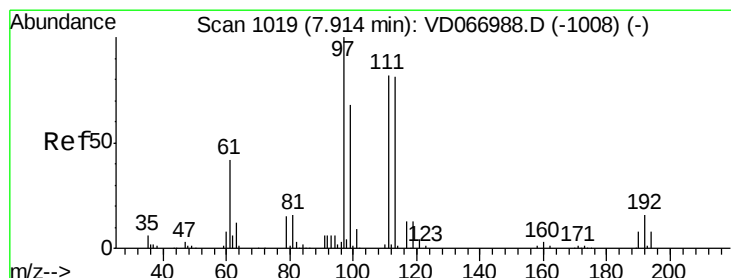
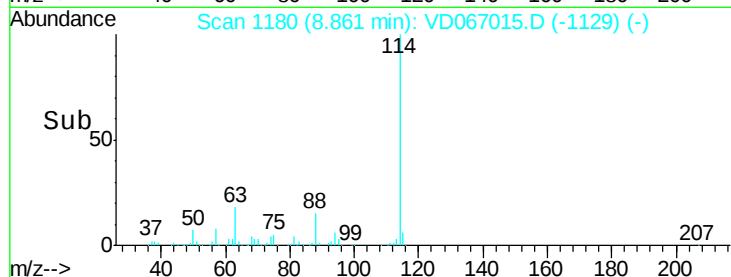
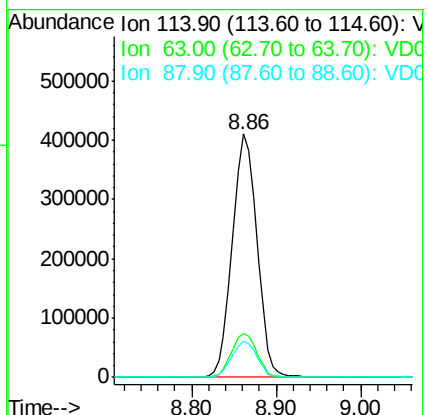
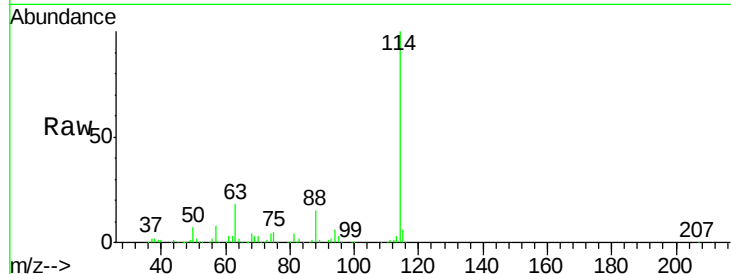




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD067015.D
Acq: 02 Oct 2020 02:52

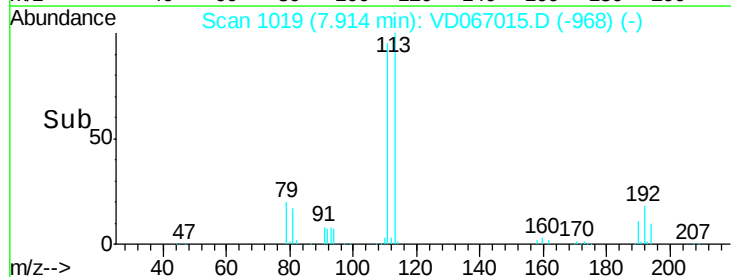
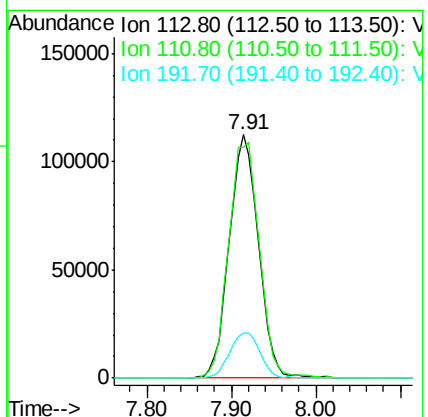
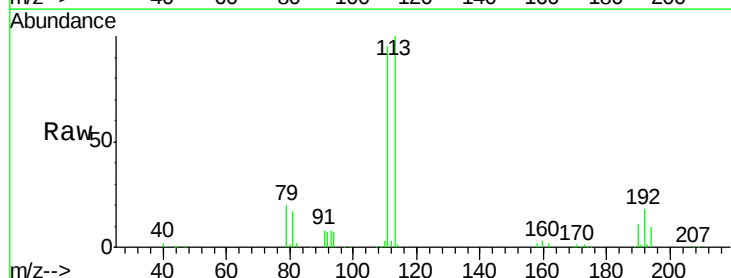
Instrument :
MSVOA_D
ClientSampleId :
RO-19

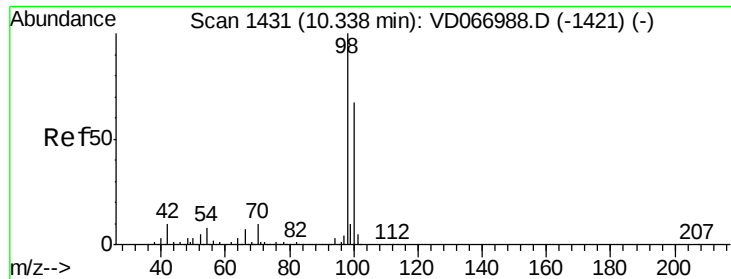
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	38.4
88	15.1	0.0	31.2



#35
Dibromofluoromethane
Concen: 49.530 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067015.D
Acq: 02 Oct 2020 02:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.0	124.4
192	19.2	15.5	23.3

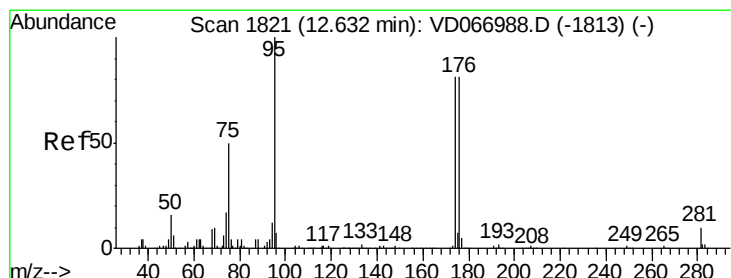
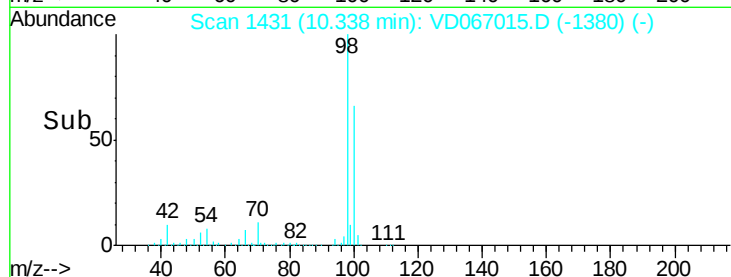
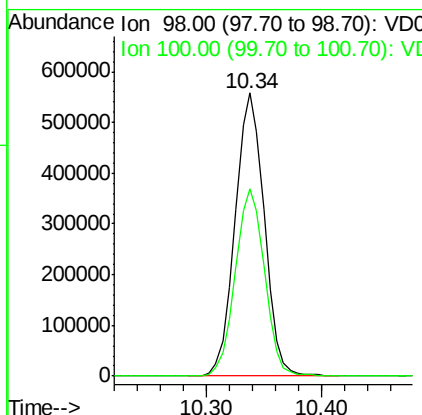
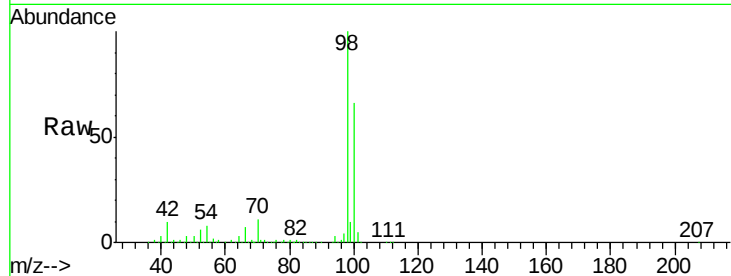




#50
Toluene-d8
Concen: 49.482 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067015.D
Acq: 02 Oct 2020 02:52

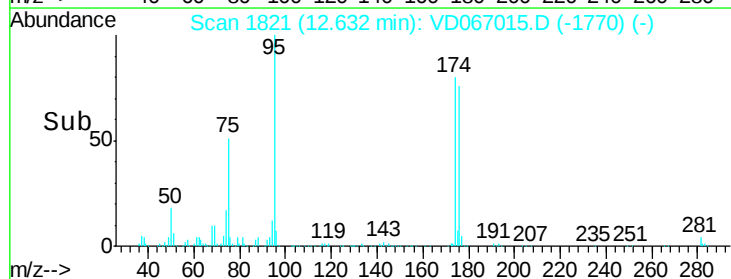
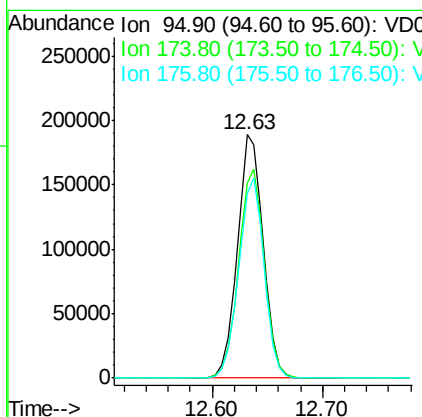
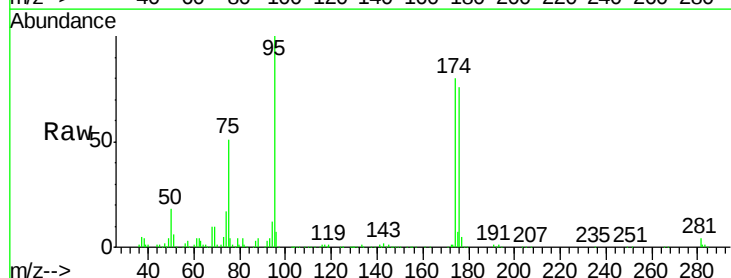
Instrument :
MSVOA_D
ClientSampleId :
RO-19

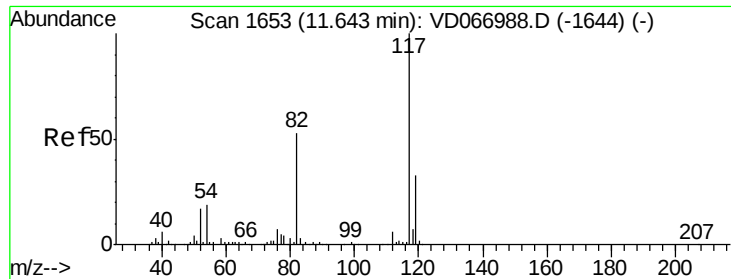
Tot Ion: 98 Resp: 976953
Ion Ratio Lower Upper
98 100
100 66.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.190 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067015.D
Acq: 02 Oct 2020 02:52

Tgt Ion: 95 Resp: 309584
Ion Ratio Lower Upper
95 100
174 85.6 0.0 167.6
176 80.9 0.0 162.4

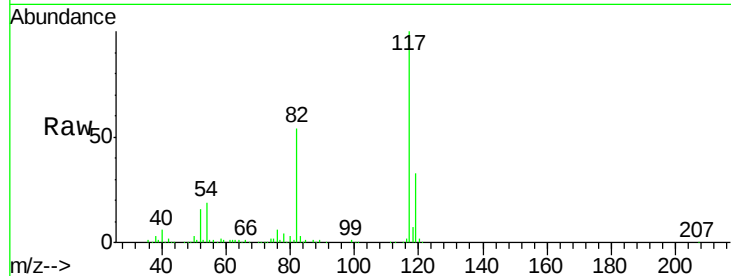




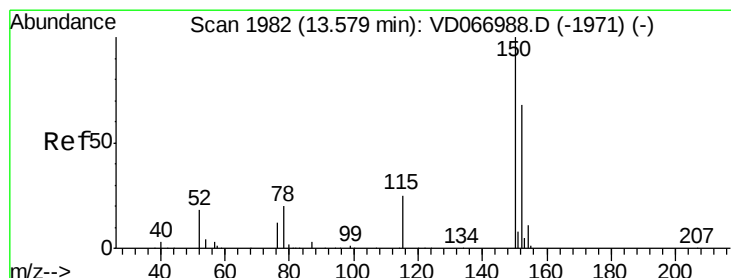
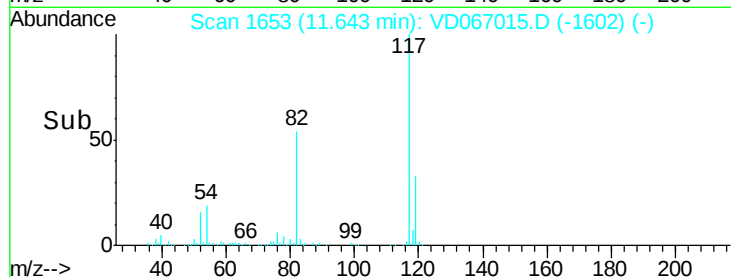
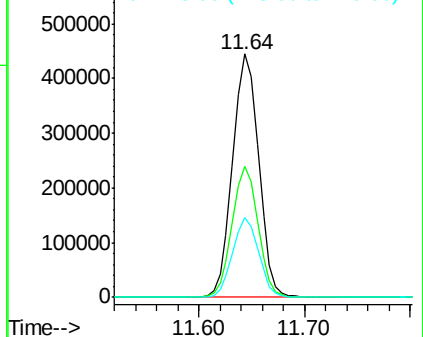
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067015.D
Acq: 02 Oct 2020 02:52

Instrument :
MSVOA_D
ClientSampleId :
RO-19

Tot Ion:117 Resp: 760024
Ion Ratio Lower Upper
117 100
82 53.7 42.6 63.8
119 32.6 26.3 39.5

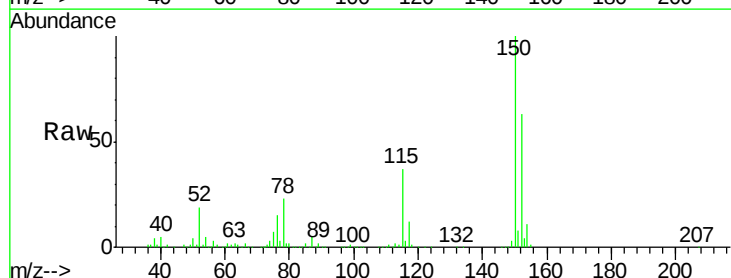


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067015.D
Acq: 02 Oct 2020 02:52

Tgt Ion:152 Resp: 342871
Ion Ratio Lower Upper
152 100
115 58.5 29.6 88.8
150 156.8 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

