

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067039.D
 Acq On : 02 Oct 2020 16:53
 Operator : VA/SY
 Sample : L4213-11
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-3

Quant Time: Oct 03 05:18:19 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

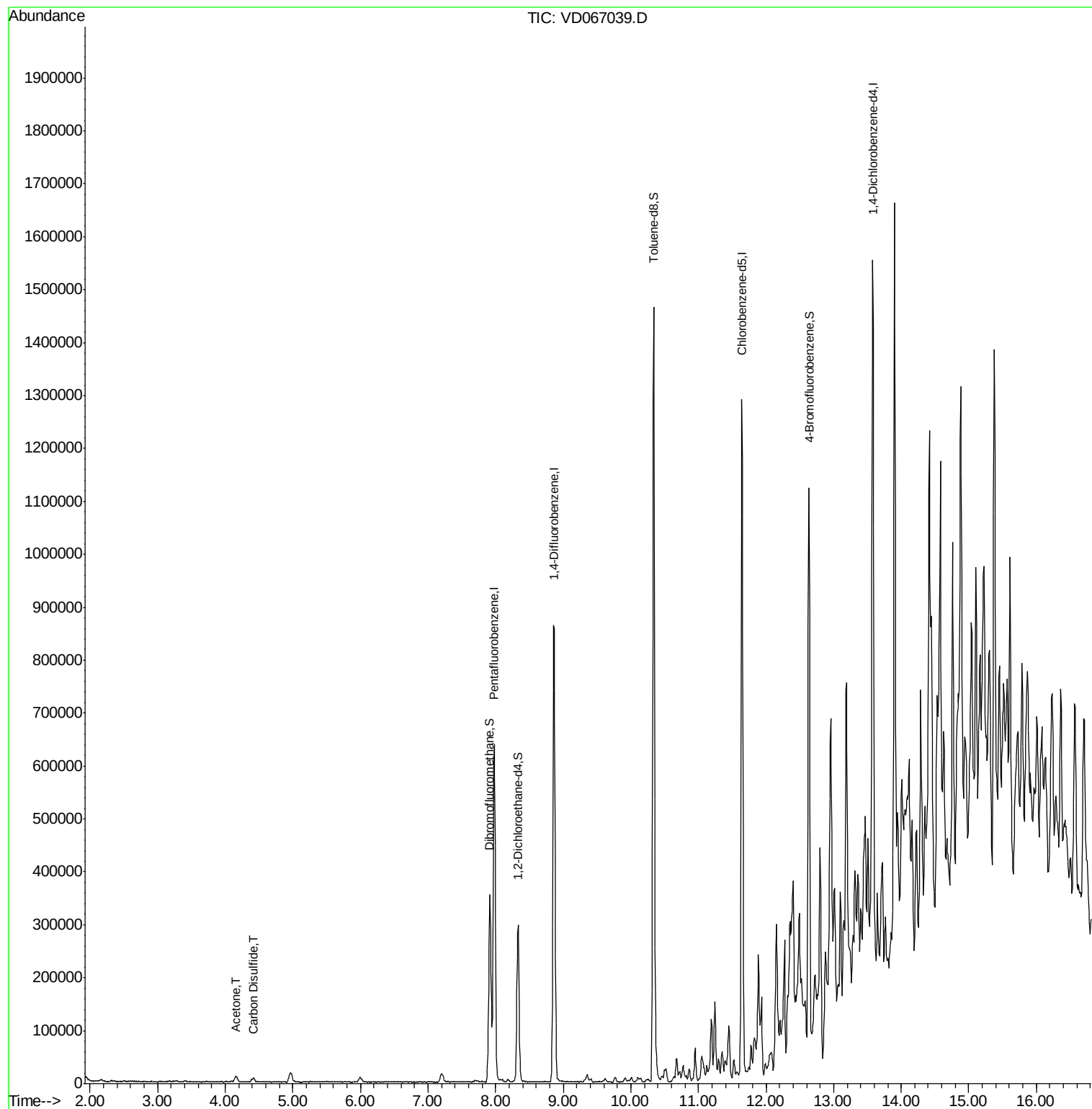
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	473599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	797801	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	772045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	364037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	240134	52.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.28%	
35) Dibromofluoromethane	7.91	113	257912	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.76%	
50) Toluene-d8	10.34	98	960060	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.63	95	349605	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
Target Compounds						
16) Acetone	4.16	43	20455	29.375	ug/l	92
17) Carbon Disulfide	4.41	76	17071	1.246	ug/l #	91

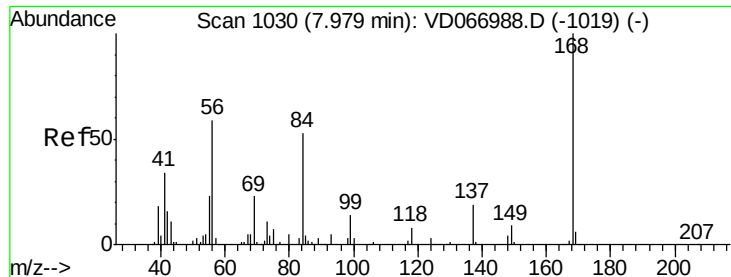
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
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: VD067039.D

Acq: 02 Oct 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

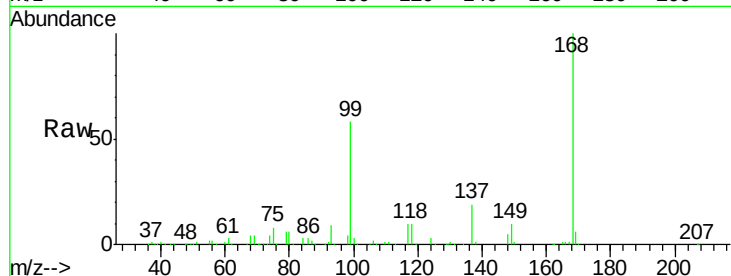
DUP-3

Tot Ion:168 Resp: 473599

Ion Ratio Lower Upper

168 100

99 58.3 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

200000

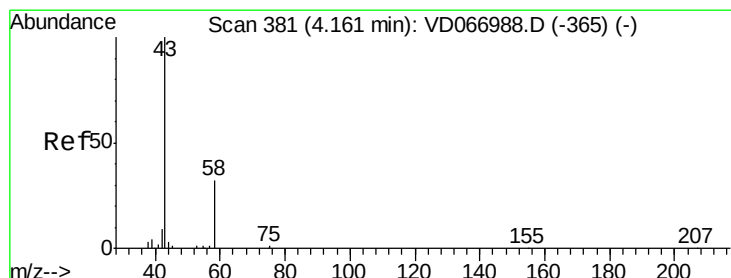
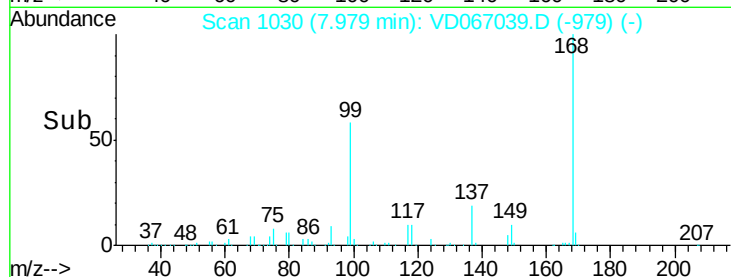
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 29.375 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067039.D

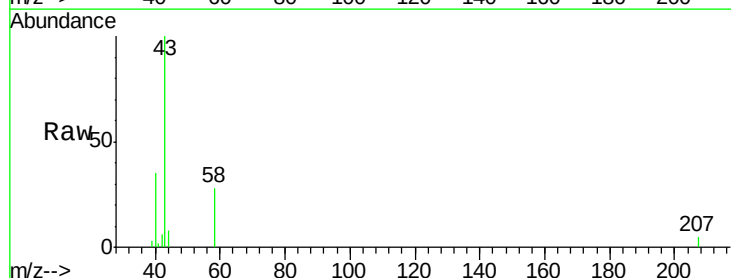
Acq: 02 Oct 2020 16:53

Tgt Ion: 43 Resp: 20455

Ion Ratio Lower Upper

43 100

58 27.8 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

8000

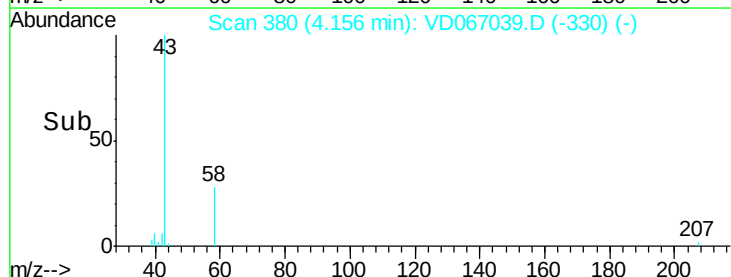
6000

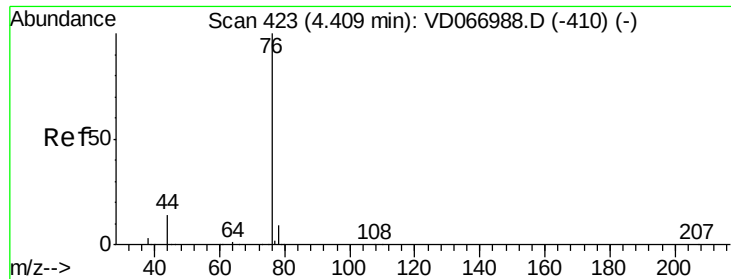
4000

2000

0

Time-->

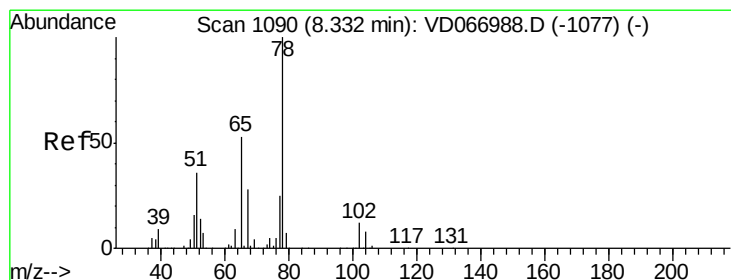
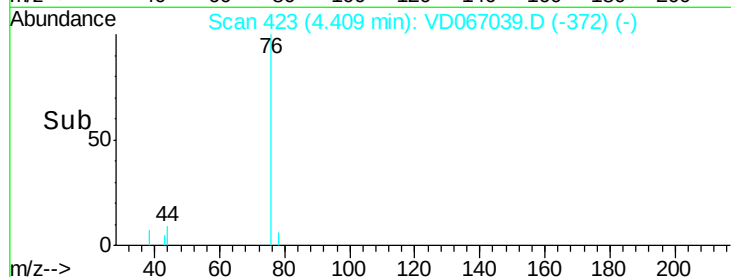
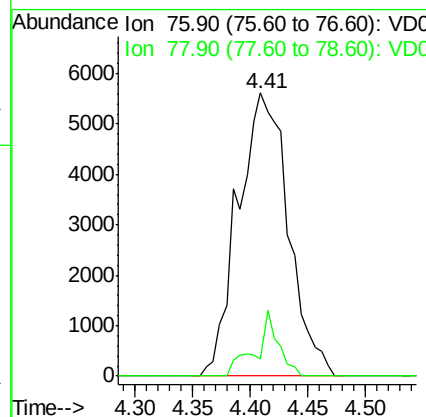
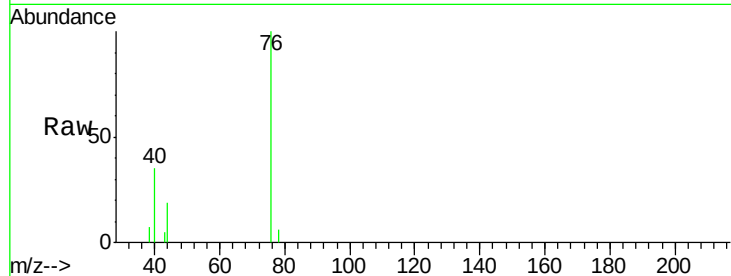




#17
Carbon Disulfide
Concen: 1.246 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067039.D
Acq: 02 Oct 2020 16:53

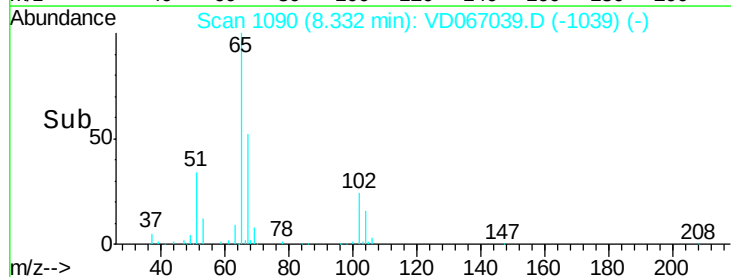
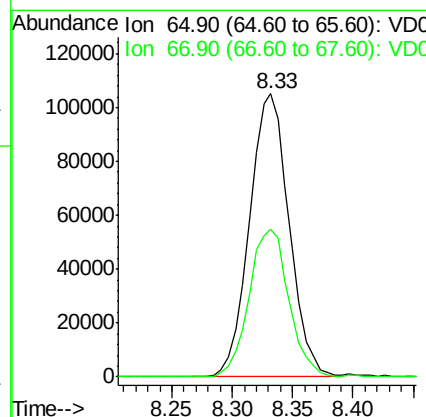
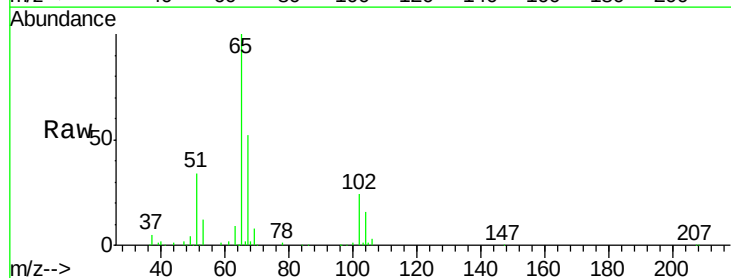
Instrument :
MSVOA_D
ClientSampled :
DUP-3

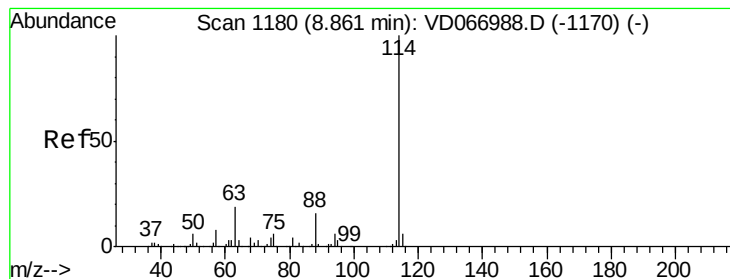
Tot Ion: 76 Resp: 17071
Ion Ratio Lower Upper
76 100
78 6.1 7.5 11.3#



#33
1,2-Dichloroethane-d4
Concen: 52.642 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD067039.D
Acq: 02 Oct 2020 16:53

Tgt Ion: 65 Resp: 240134
Ion Ratio Lower Upper
65 100
67 52.3 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: VD067039.D

Acq: 02 Oct 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

DUP-3

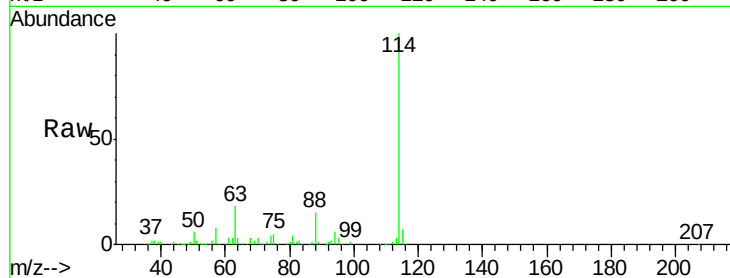
Tot Ion:114 Resp: 797801

Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

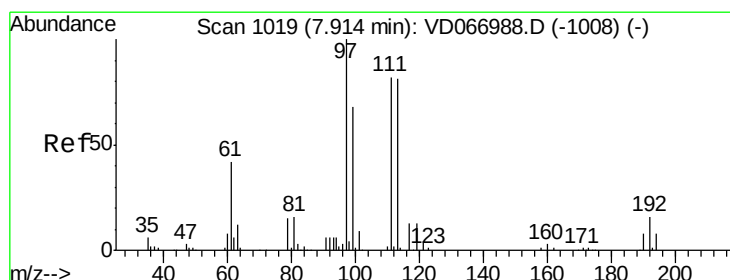
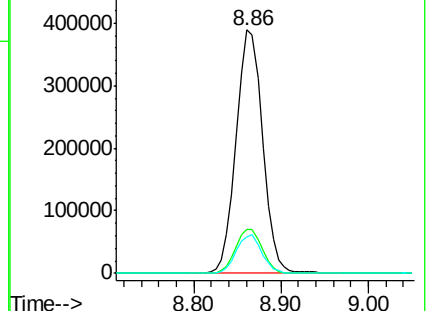
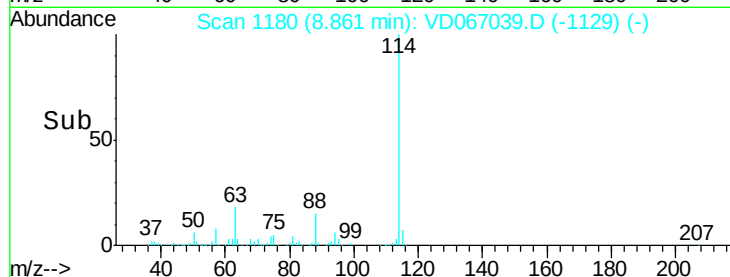
88 14.9 0.0 31.2



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: 49.380 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067039.D

Acq: 02 Oct 2020 16:53

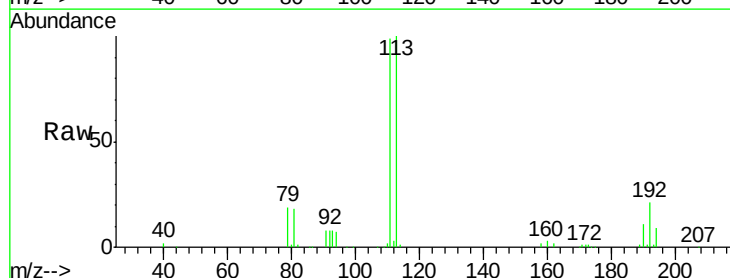
Tgt Ion:113 Resp: 257912

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

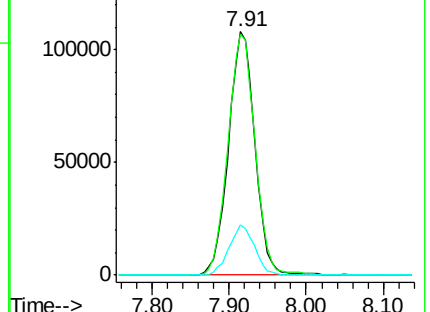
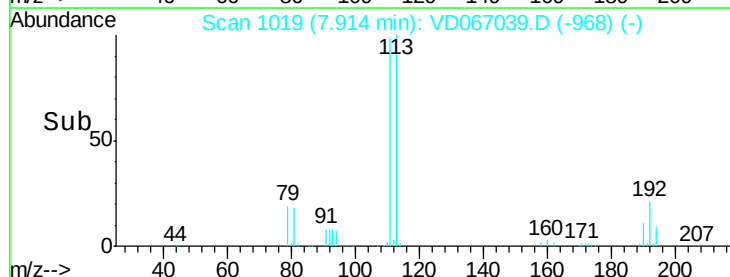
192 19.8 15.5 23.3

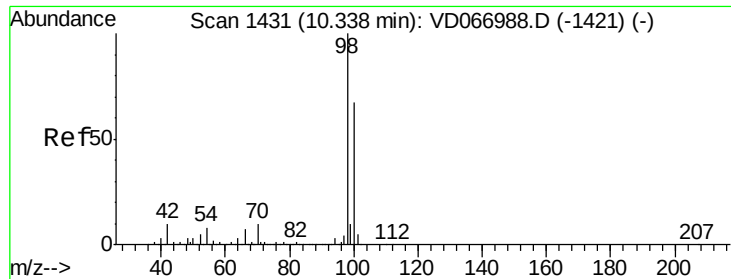


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

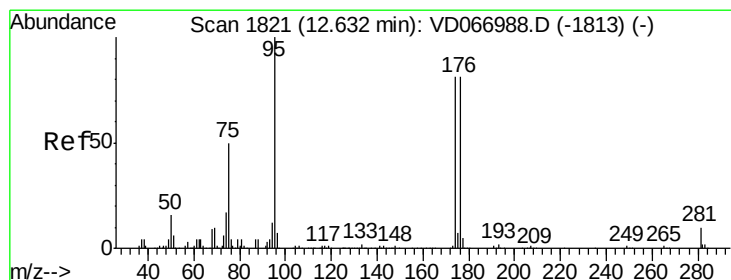
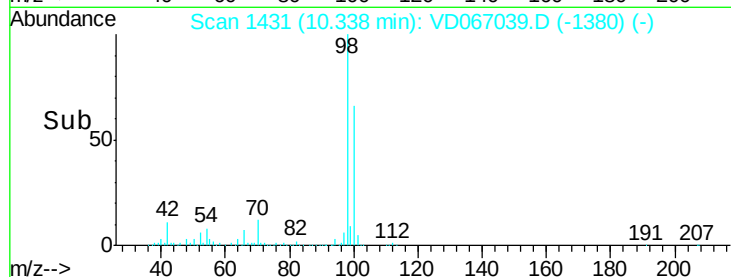
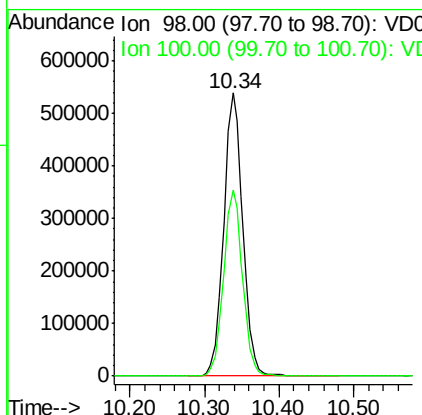
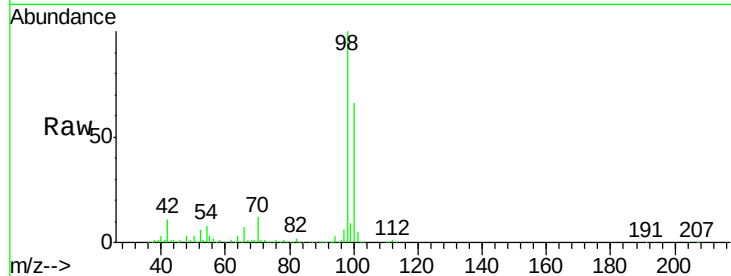




#50
Toluene-d8
Concen: 50.444 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067039.D
Acq: 02 Oct 2020 16:53

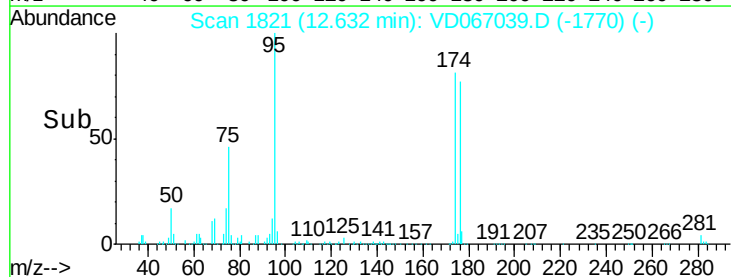
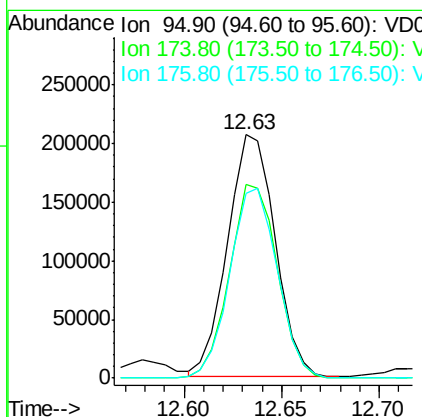
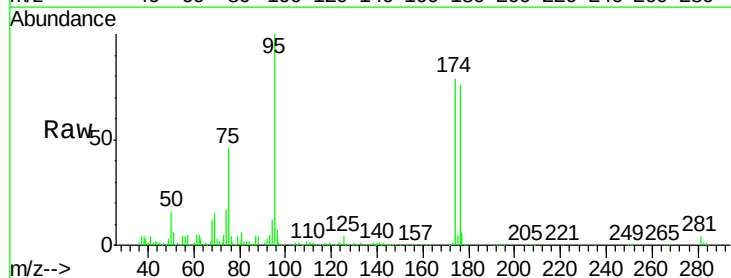
Instrument :
MSVOA_D
ClientSampleId :
DUP-3

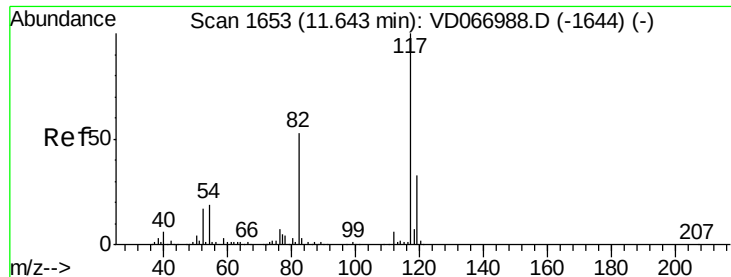
Tot Ion: 98 Resp: 960060
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 54.110 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067039.D
Acq: 02 Oct 2020 16:53

Tgt Ion: 95 Resp: 349605
Ion Ratio Lower Upper
95 100
174 80.3 0.0 167.6
176 78.5 0.0 162.4

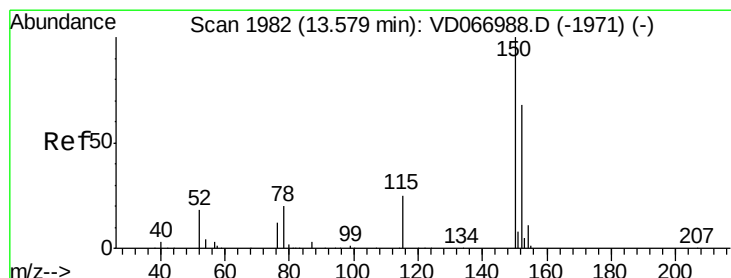
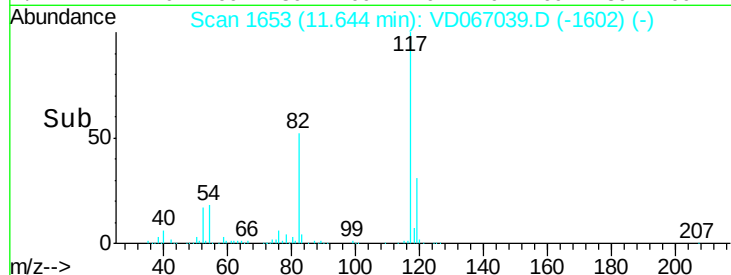
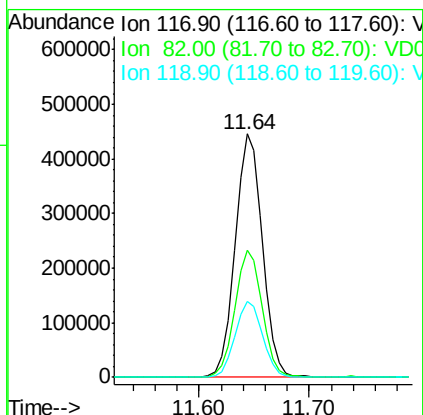
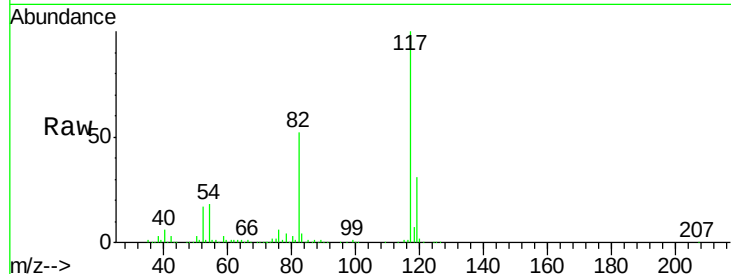




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067039.D
Acq: 02 Oct 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
DUP-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.6	63.8
119	31.3	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: VD067039.D
Acq: 02 Oct 2020 16:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.6	29.6	88.8
150	152.1	0.0	344.8

