

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067036.D
 Acq On : 02 Oct 2020 15:31
 Operator : VA/SY
 Sample : L4213-08
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-16(11-13)

Quant Time: Oct 03 05:11:09 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

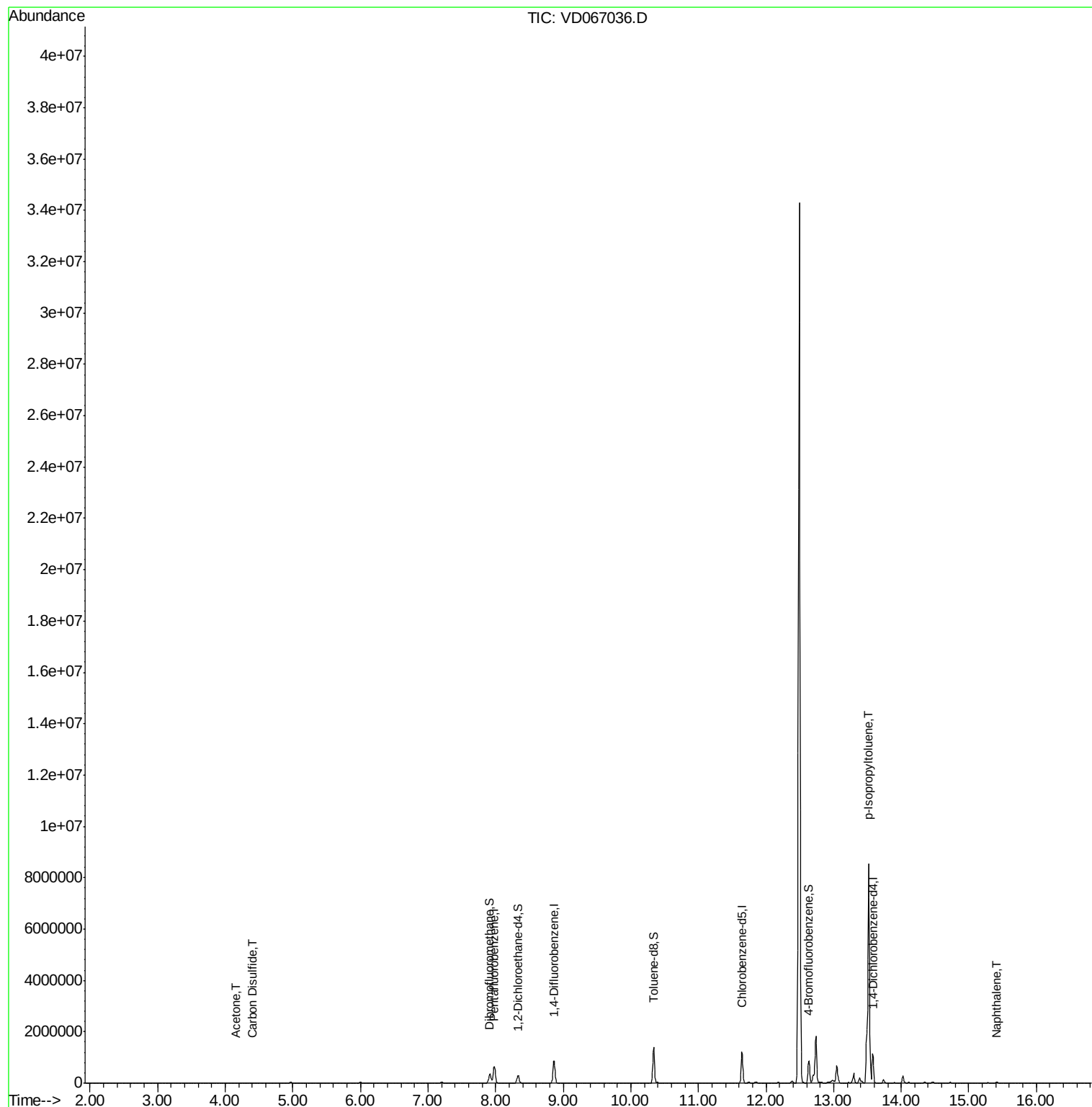
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	493595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	803768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	715270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	304886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	236639	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
35) Dibromofluoromethane	7.91	113	257891	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	10.34	98	952775	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.64	95	294020	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
Target Compounds						
16) Acetone	4.16	43	11849	16.327	ug/l #	84
17) Carbon Disulfide	4.40	76	23039	1.613	ug/l	100
86) p-Isopropyltoluene	13.52	119	4954105	257.620	ug/l	97
95) Naphthalene	15.41	128	30395	3.313	ug/l	99

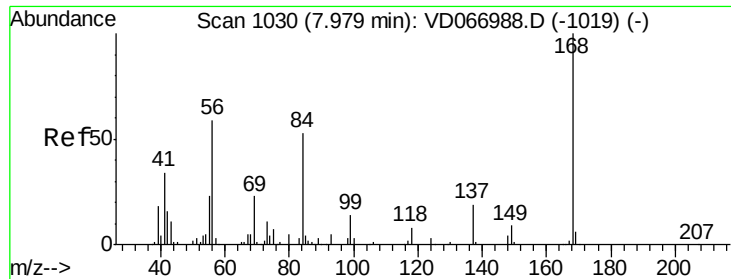
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067036.D

Acq: 02 Oct 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

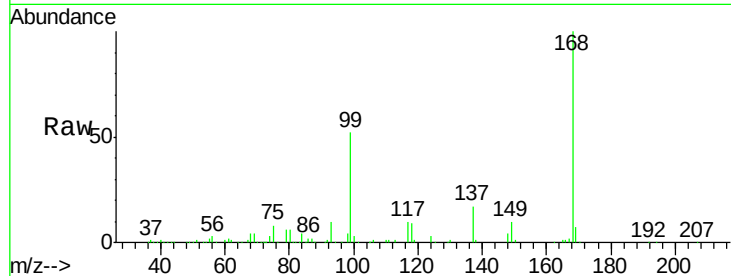
B-16(11-13)

Tot Ion:168 Resp: 493595

Ion Ratio Lower Upper

168 100

99 52.1 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

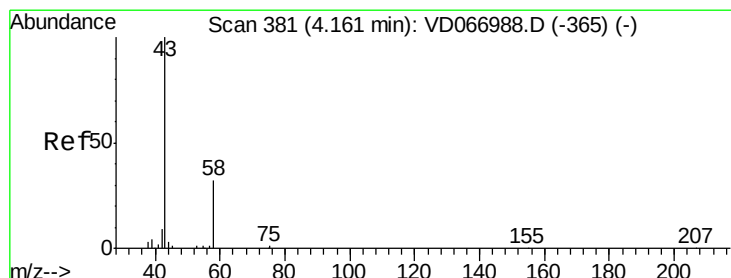
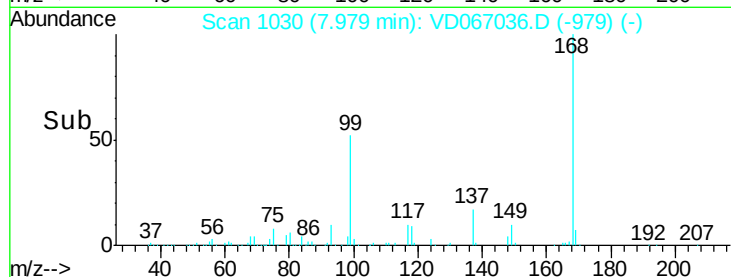
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 16.327 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067036.D

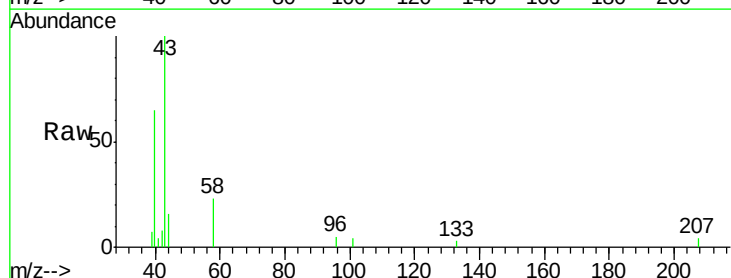
Acq: 02 Oct 2020 15:31

Tgt Ion: 43 Resp: 11849

Ion Ratio Lower Upper

43 100

58 23.4 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

5000

4000

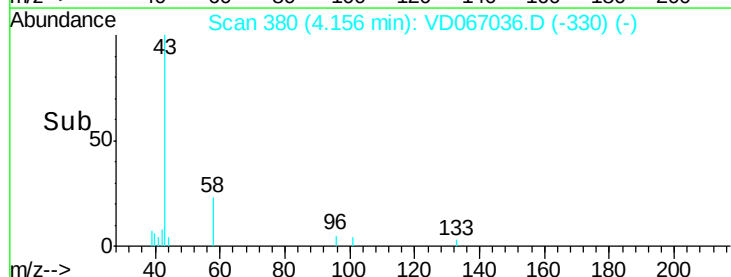
3000

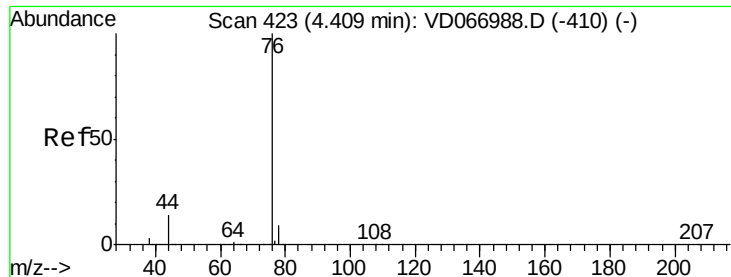
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 1.613 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD067036.D

Acq: 02 Oct 2020 15:31

Instrument :

MSVOA_D

ClientSampleId :

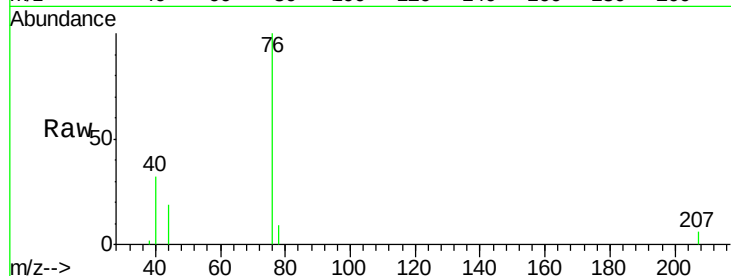
B-16(11-13)

Tot Ion: 76 Resp: 23039

Ion Ratio Lower Upper

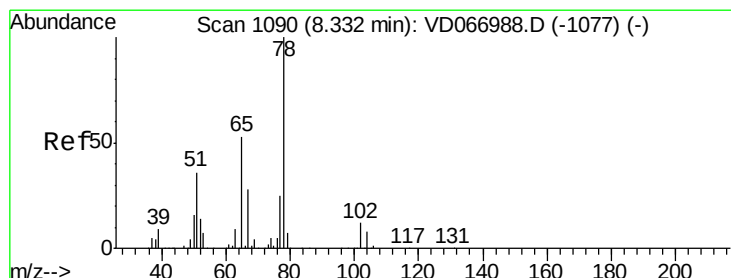
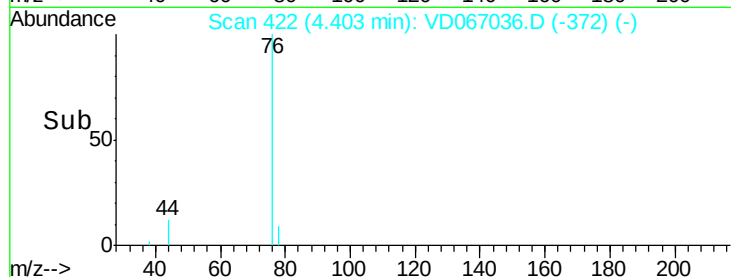
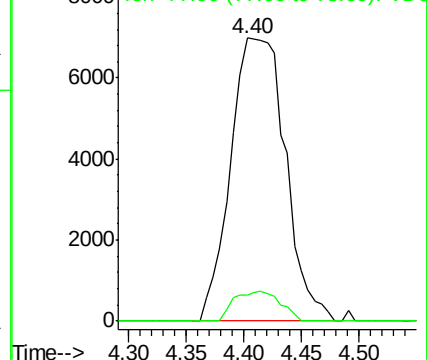
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 49.774 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067036.D

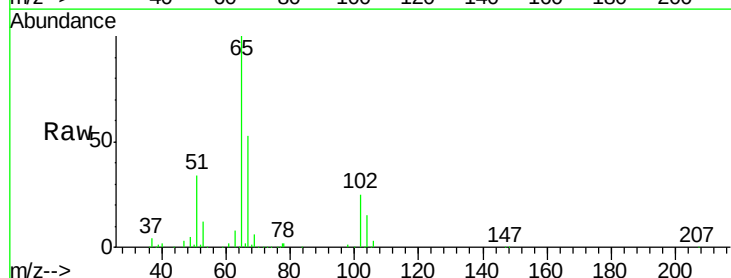
Acq: 02 Oct 2020 15:31

Tgt Ion: 65 Resp: 236639

Ion Ratio Lower Upper

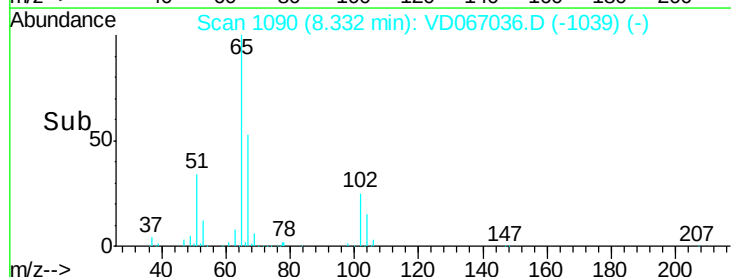
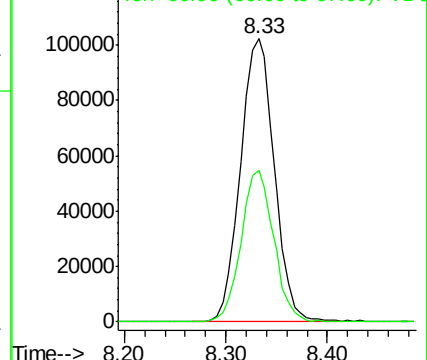
65 100

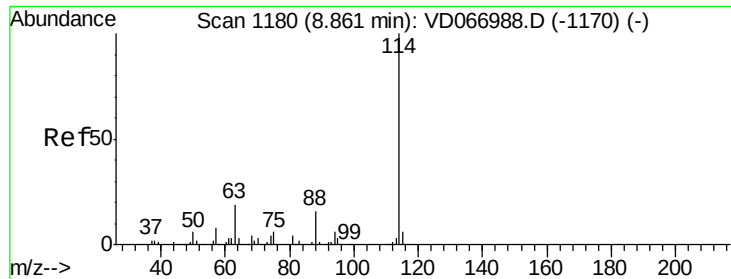
67 51.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

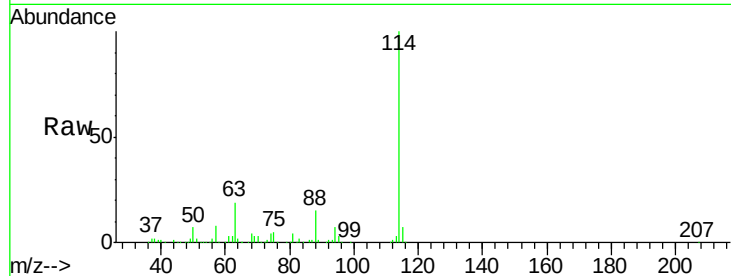




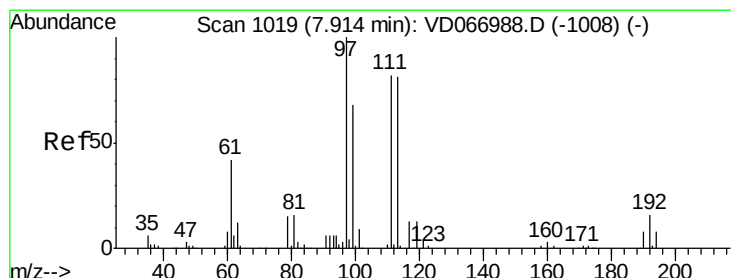
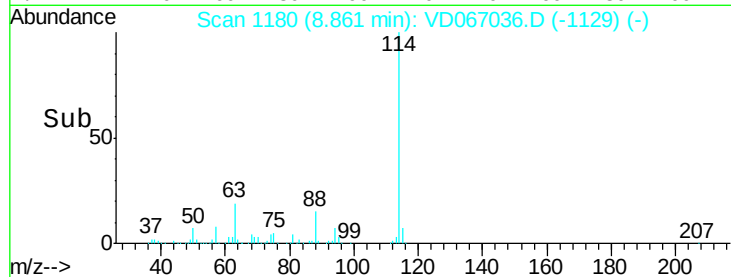
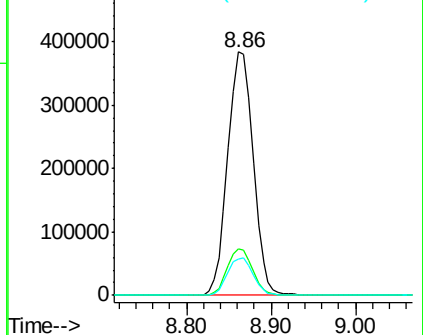
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067036.D
 Acq: 02 Oct 2020 15:31

Instrument :
 MSVOA_D
 ClientSampleId :
 B-16(11-13)

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	15.1	0.0	31.2

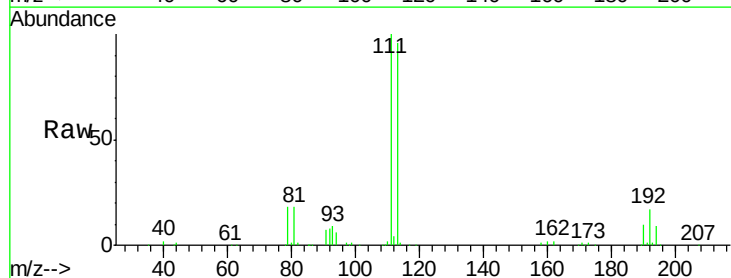


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

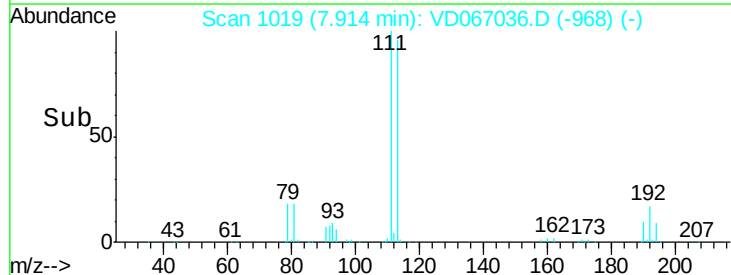
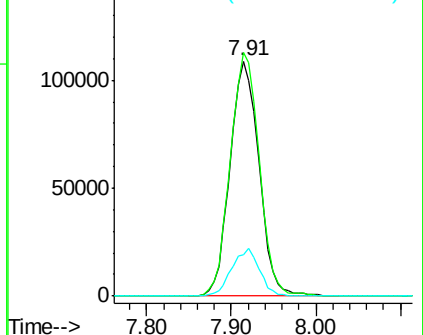


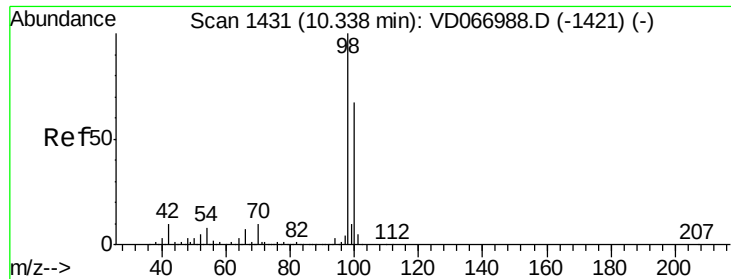
#35
 Dibromofluoromethane
 Concen: 49.009 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD067036.D
 Acq: 02 Oct 2020 15:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.0	124.4
192	19.5	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

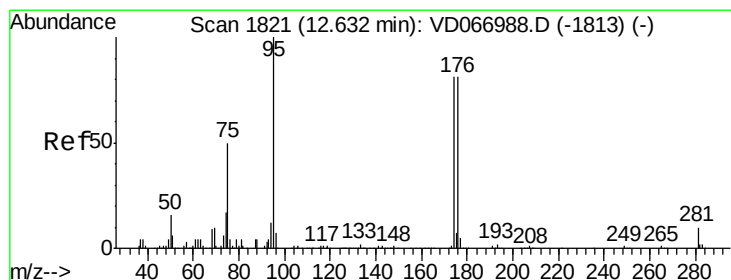
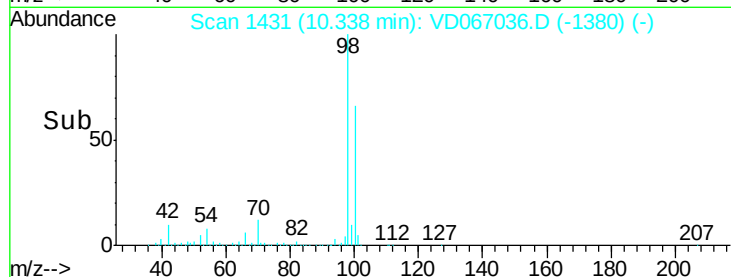
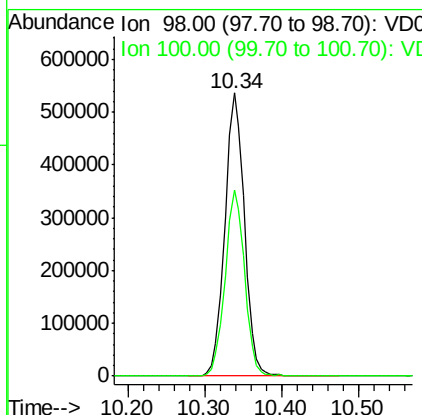
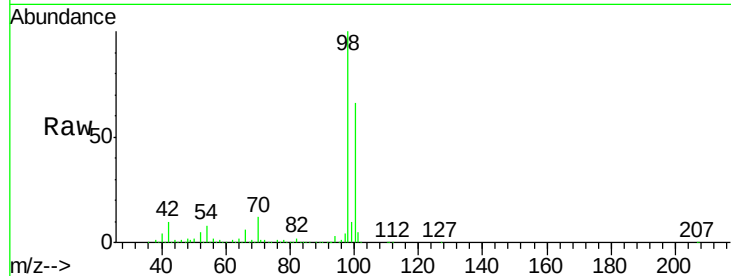




#50
Toluene-d8
Concen: 49.690 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067036.D
Acq: 02 Oct 2020 15:31

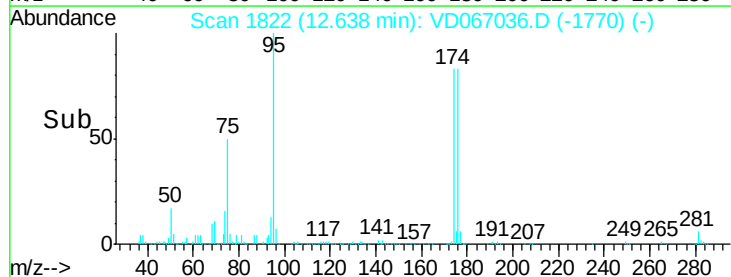
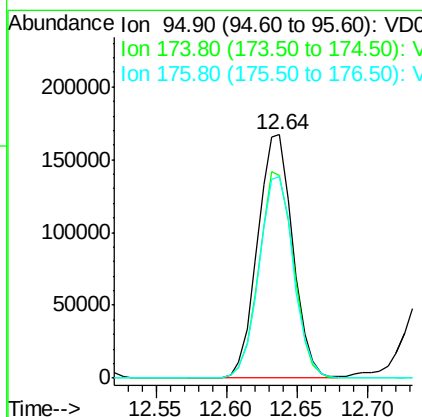
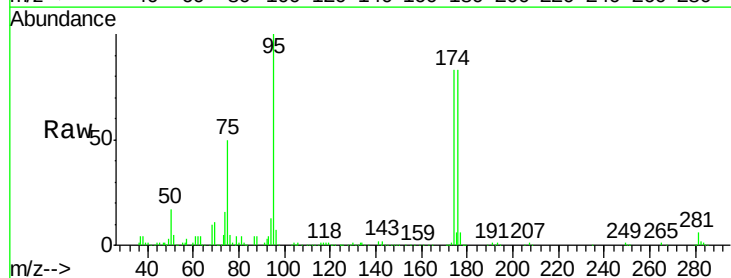
Instrument :
MSVOA_D
ClientSampleId :
B-16(11-13)

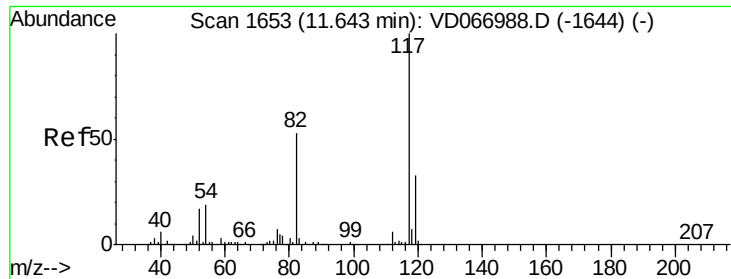
Tot Ion: 98 Resp: 952775
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.169 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067036.D
Acq: 02 Oct 2020 15:31

Tgt Ion: 95 Resp: 294020
Ion Ratio Lower Upper
95 100
174 82.8 0.0 167.6
176 81.2 0.0 162.4

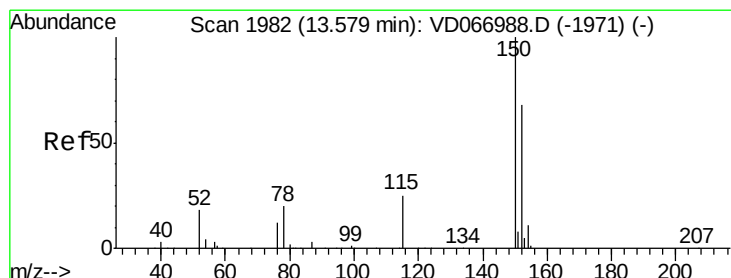
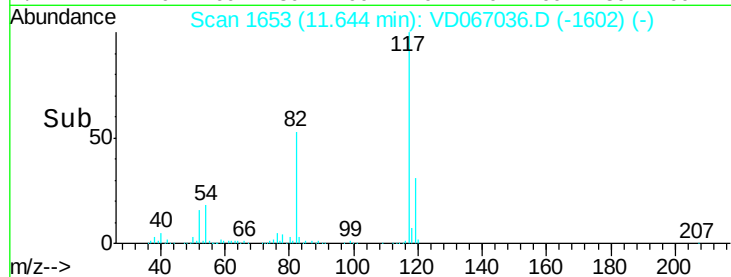
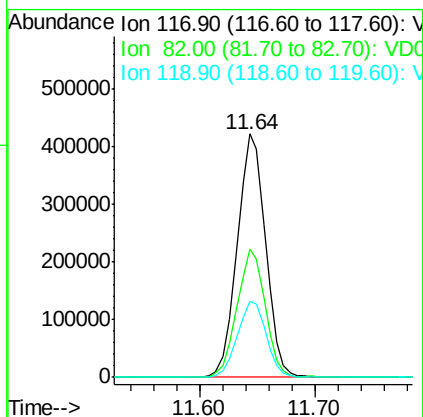
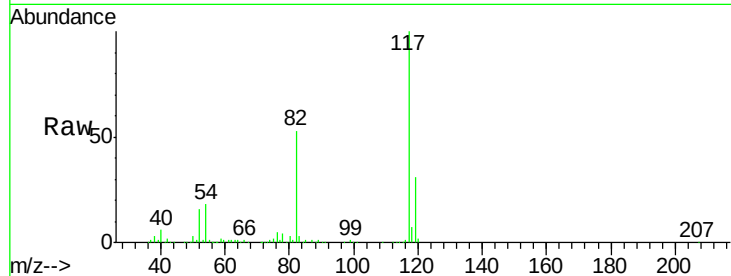




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067036.D
Acq: 02 Oct 2020 15:31

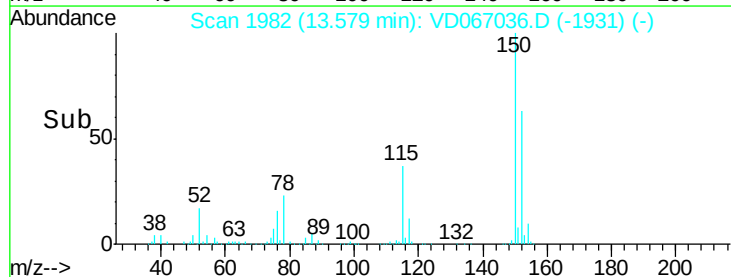
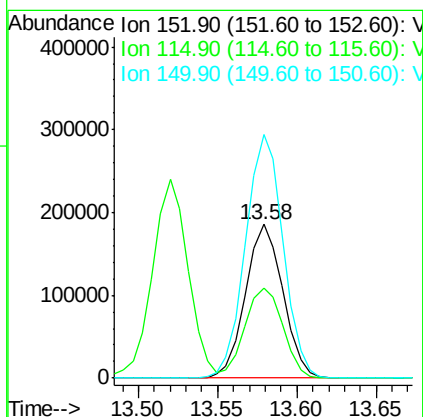
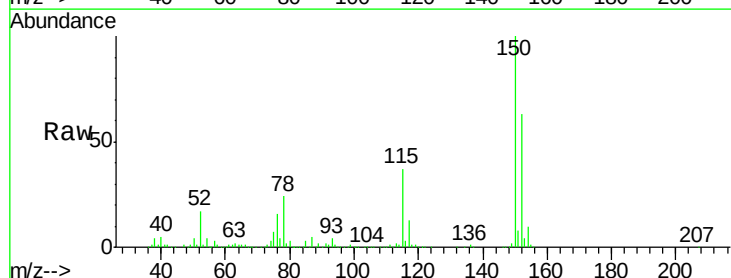
Instrument :
MSVOA_D
ClientSampled :
B-16(11-13)

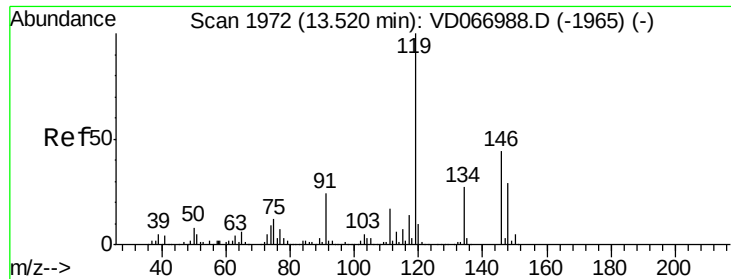
Tot Ion:117 Resp: 715270
Ion Ratio Lower Upper
117 100
82 52.9 42.6 63.8
119 31.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067036.D
Acq: 02 Oct 2020 15:31

Tgt Ion:152 Resp: 304886
Ion Ratio Lower Upper
152 100
115 59.9 29.6 88.8
150 159.2 0.0 344.8

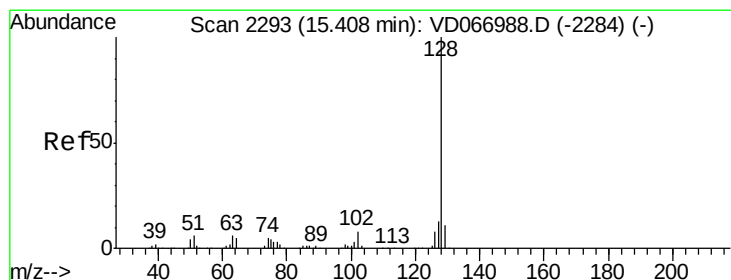
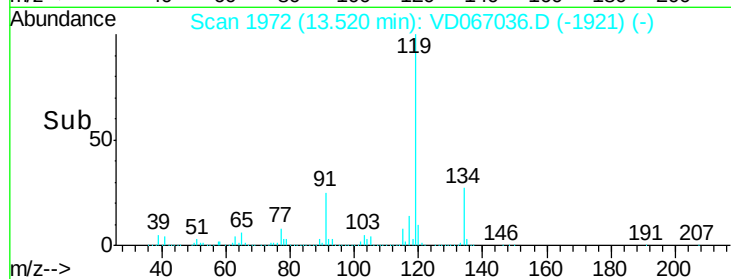
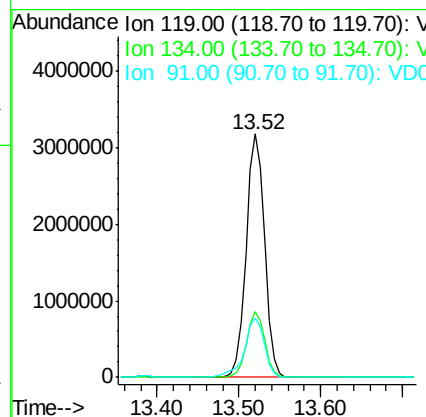
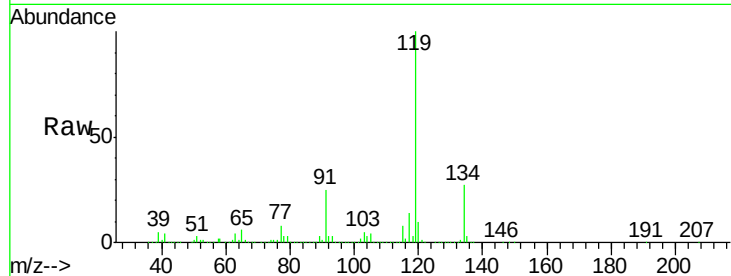




#86
 p-Isopropyltoluene
 Concen: 257.620 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067036.D
 Acq: 02 Oct 2020 15:31

Instrument :
 MSVOA_D
 ClientSampleId :
 B-16(11-13)

Tot Ion:119 Resp: 4954105
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.1
 91 26.2 11.7 35.1



#95
 Naphthalene
 Concen: 3.313 ug/l
 RT: 15.41 min Scan# 2293
 Delta R.T. 0.00 min
 Lab File: VD067036.D
 Acq: 02 Oct 2020 15:31

Tgt Ion:128 Resp: 30395
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.3 15.5
 129 10.0 8.6 13.0

