

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067022.D
 Acq On : 02 Oct 2020 06:05
 Operator : VA/SY
 Sample : L4213-05
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-15(13-14)

Quant Time: Oct 02 06:59:22 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

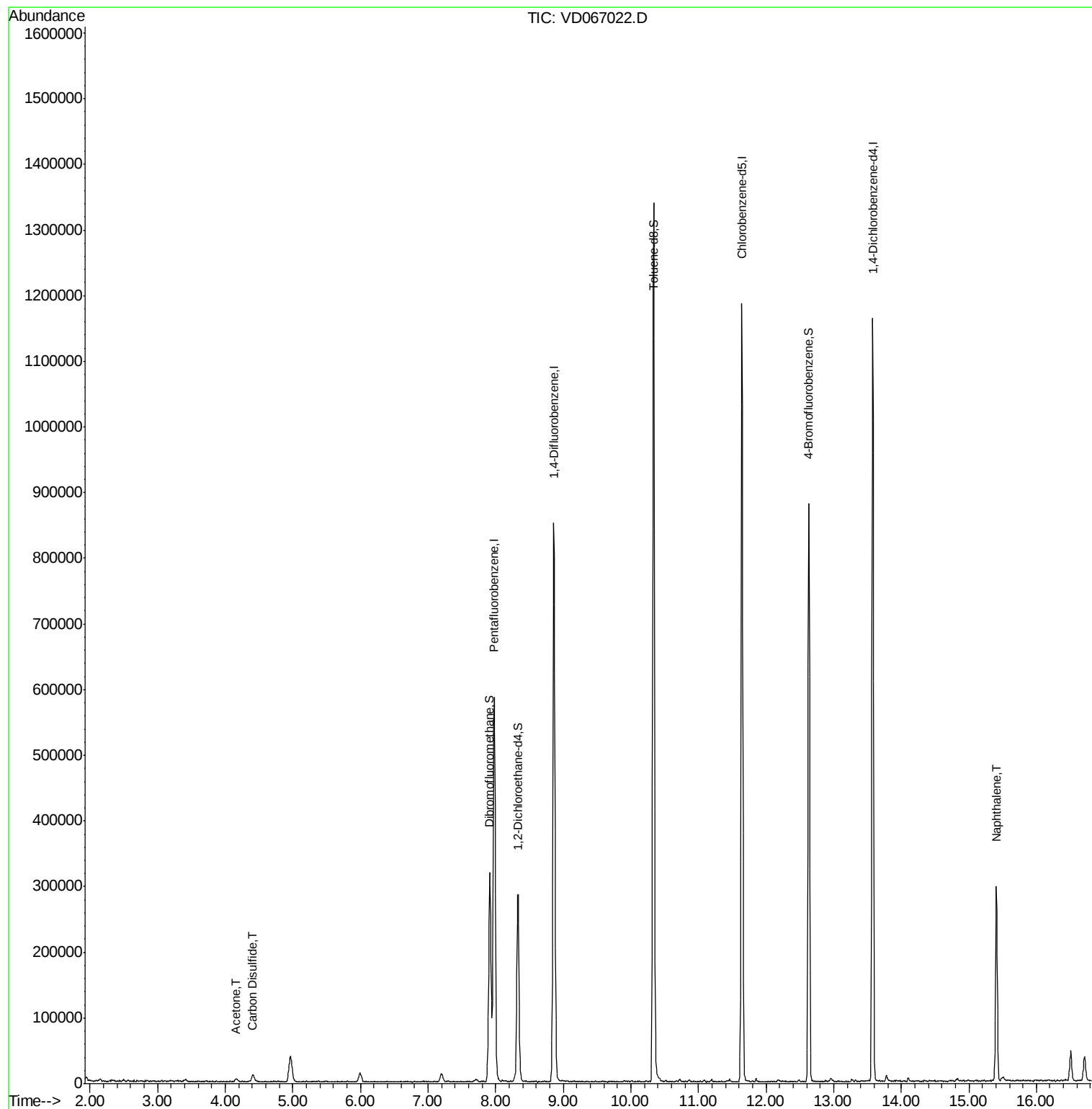
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	438484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	758535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	700641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	304020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	227370	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.68%	
35) Dibromofluoromethane	7.91	113	229817	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
50) Toluene-d8	10.34	98	907719	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.63	95	280725	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
Target Compounds						
16) Acetone	4.16	43	7119	11.042	ug/l #	81
17) Carbon Disulfide	4.41	76	24124	1.902	ug/l	99
95) Naphthalene	15.41	128	257665	28.165	ug/l	99

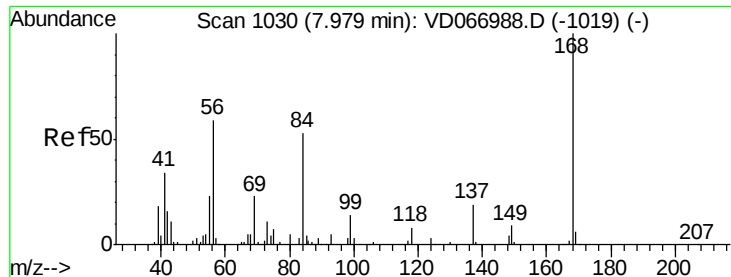
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100120\
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Operator : VA/SY
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B-15(13-14)

Quant Time: Oct 02 06:59:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
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: VD067022.D

Acq: 02 Oct 2020 06:05

Instrument :

MSVOA_D

ClientSampleId :

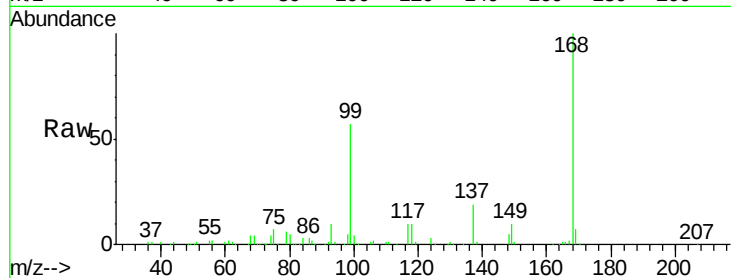
B-15(13-14)

Tot Ion:168 Resp: 438484

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

200000

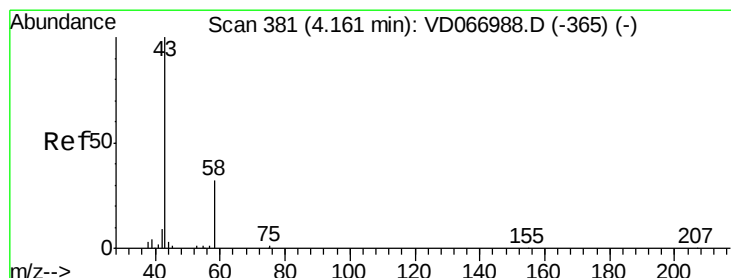
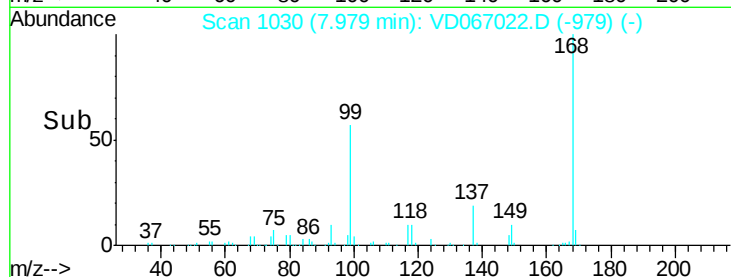
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 11.042 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067022.D

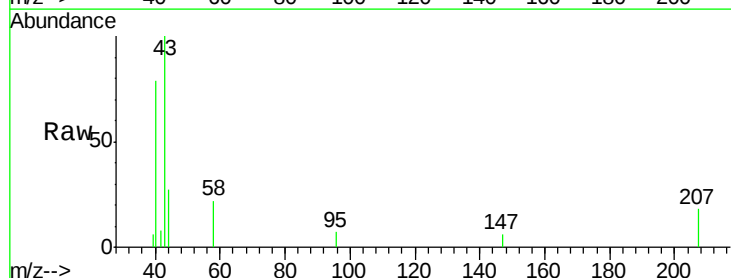
Acq: 02 Oct 2020 06:05

Tgt Ion: 43 Resp: 7119

Ion Ratio Lower Upper

43 100

58 21.7 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

3000

2500

2000

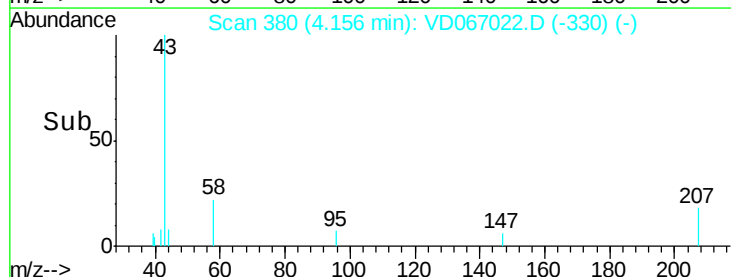
1500

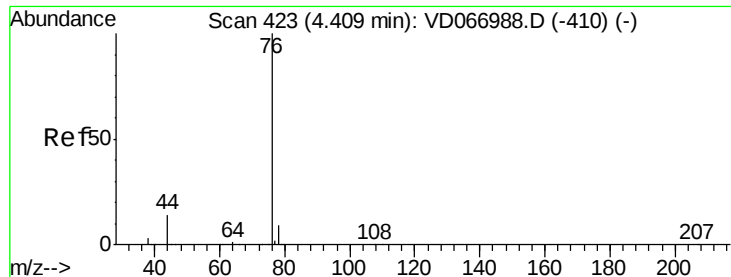
1000

500

0

Time-->

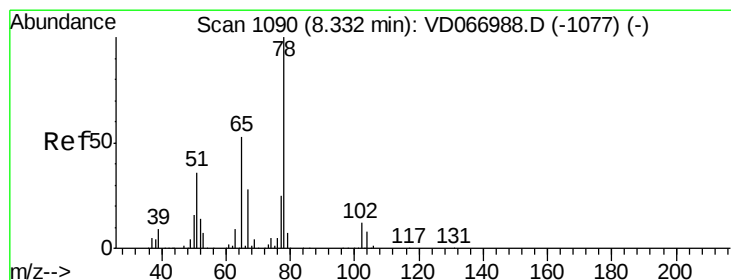
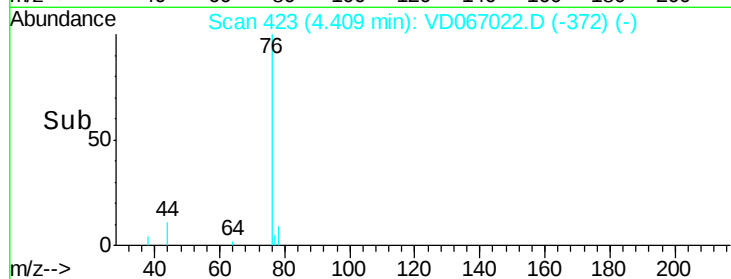
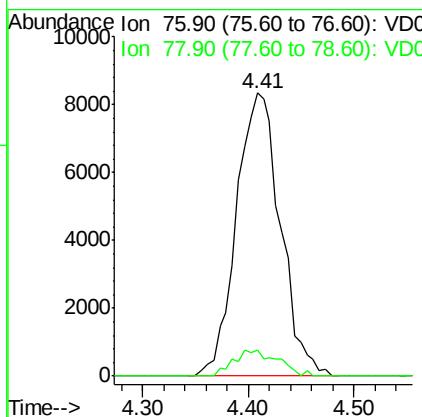
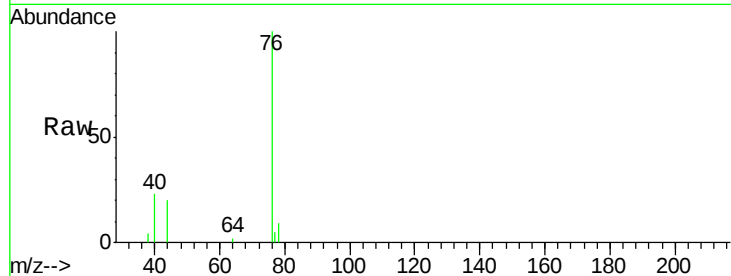




#17
Carbon Disulfide
Concen: 1.902 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD067022.D
Acq: 02 Oct 2020 06:05

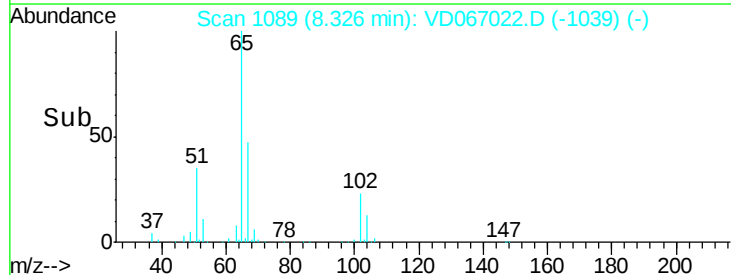
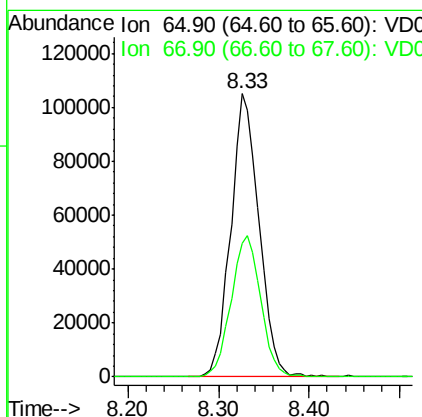
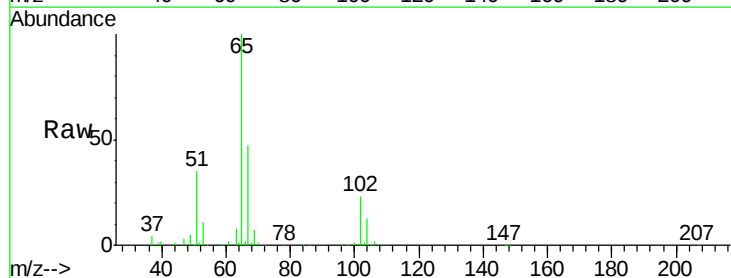
Instrument :
MSVOA_D
ClientSampleId :
B-15(13-14)

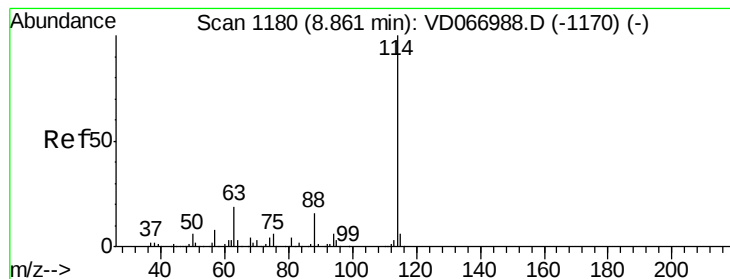
Tot Ion: 76 Resp: 24124
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#33
1,2-Dichloroethane-d4
Concen: 53.835 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD067022.D
Acq: 02 Oct 2020 06:05

Tgt Ion: 65 Resp: 227370
Ion Ratio Lower Upper
65 100
67 52.0 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: VD067022.D

Acq: 02 Oct 2020 06:05

Instrument :

MSVOA_D

ClientSampleId :

B-15(13-14)

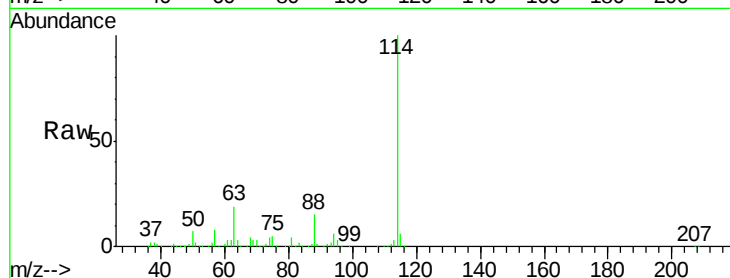
Tot Ion:114 Resp: 758535

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

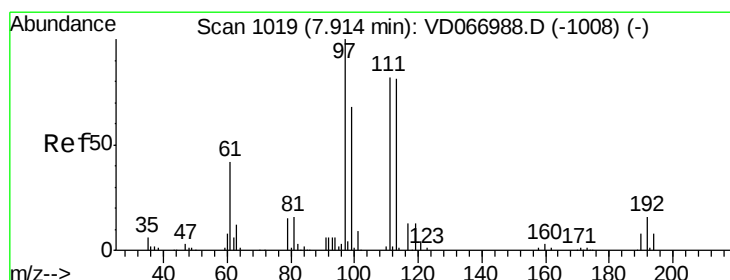
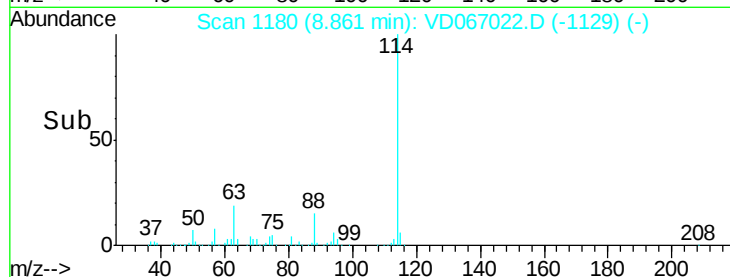
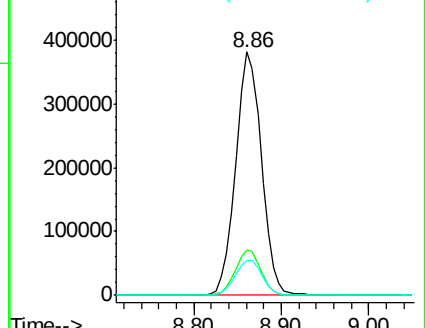
88 14.5 0.0 31.2



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: 46.278 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD067022.D

Acq: 02 Oct 2020 06:05

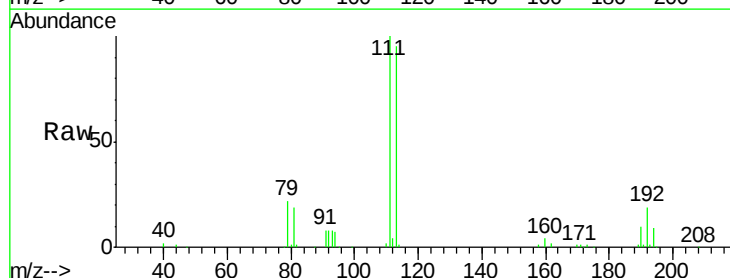
Tgt Ion:113 Resp: 229817

Ion Ratio Lower Upper

113 100

111 104.1 83.0 124.4

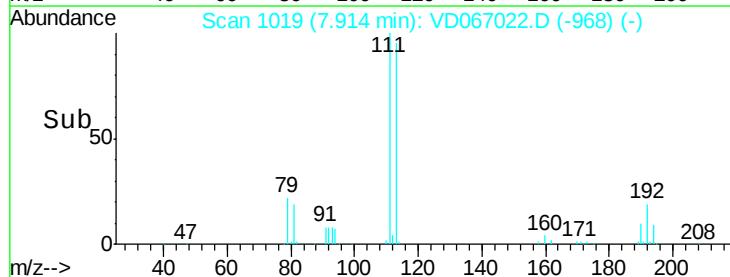
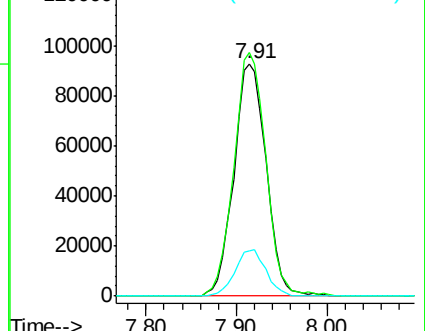
192 19.4 15.5 23.3

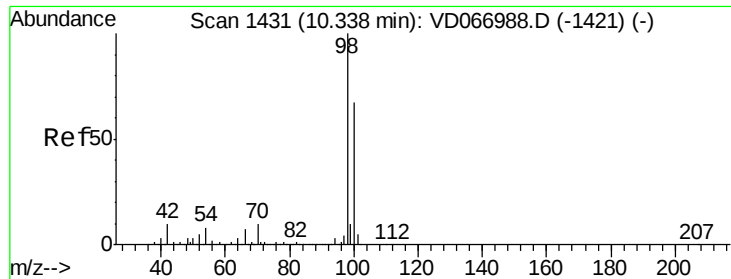


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

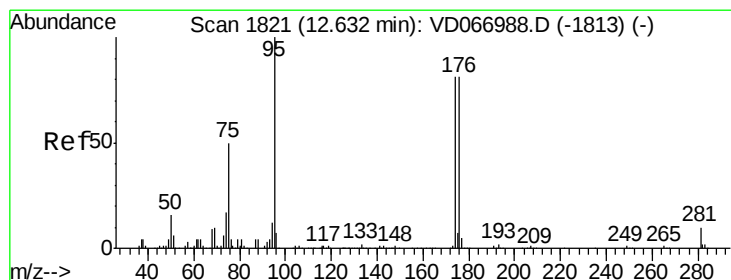
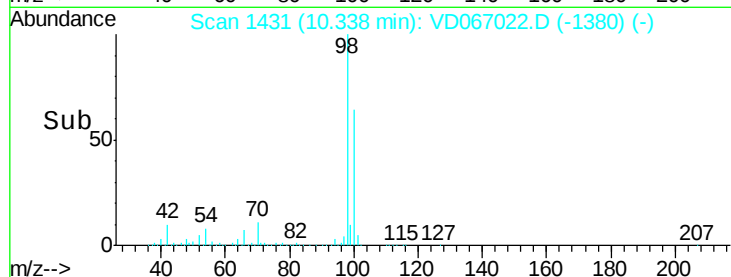
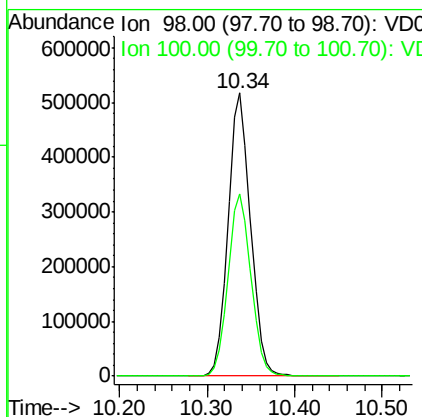
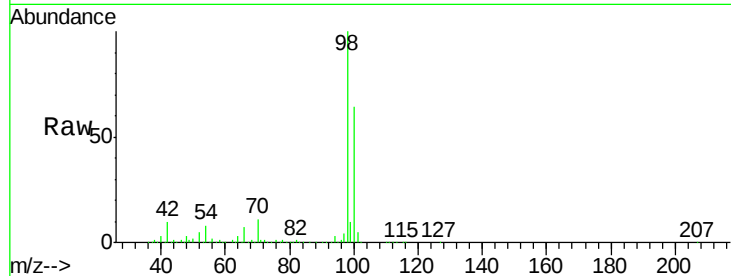




#50
Toluene-d8
Concen: 50.163 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD067022.D
Acq: 02 Oct 2020 06:05

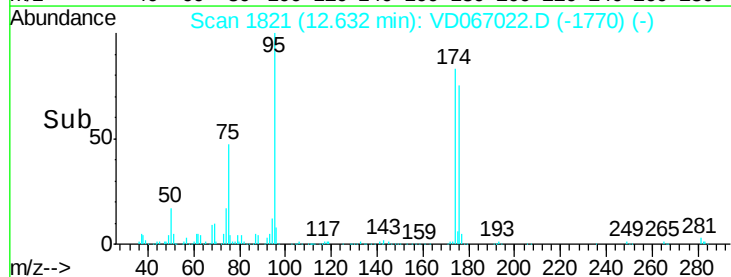
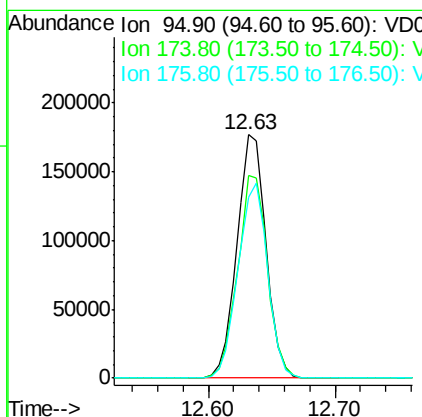
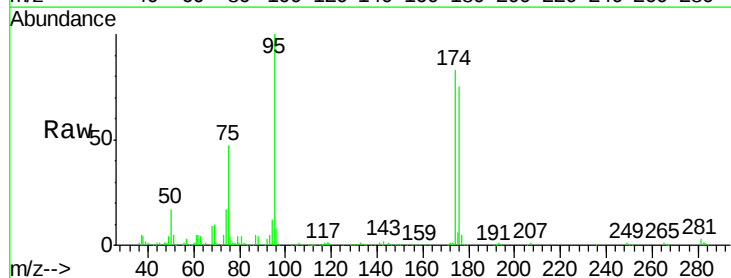
Instrument :
MSVOA_D
ClientSampleId :
B-15(13-14)

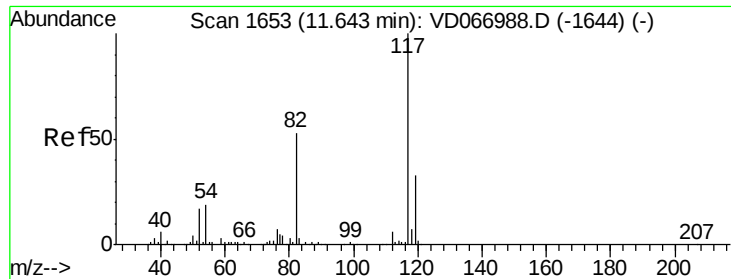
Tot Ion: 98 Resp: 907719
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.699 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067022.D
Acq: 02 Oct 2020 06:05

Tgt Ion: 95 Resp: 280725
Ion Ratio Lower Upper
95 100
174 85.0 0.0 167.6
176 81.5 0.0 162.4

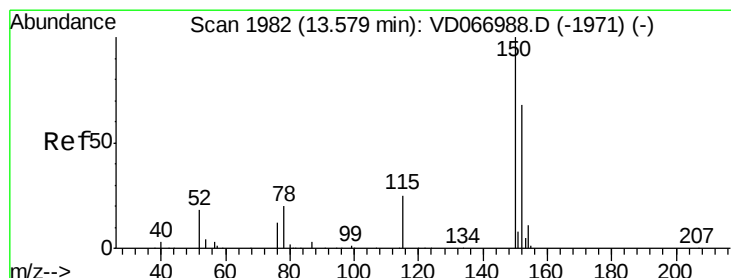
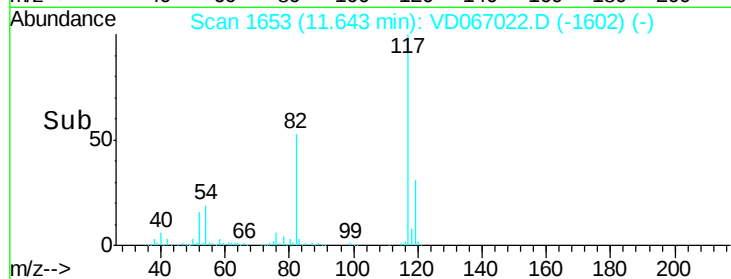
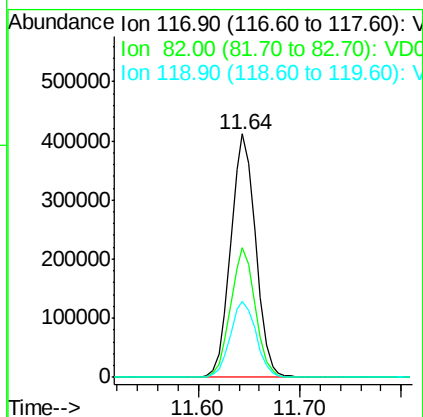
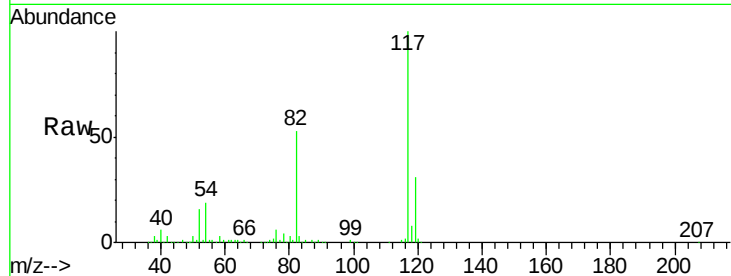




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067022.D
Acq: 02 Oct 2020 06:05

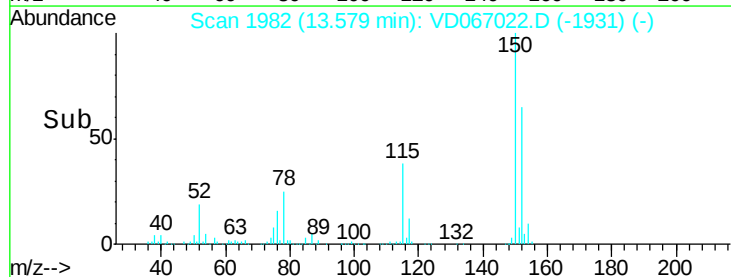
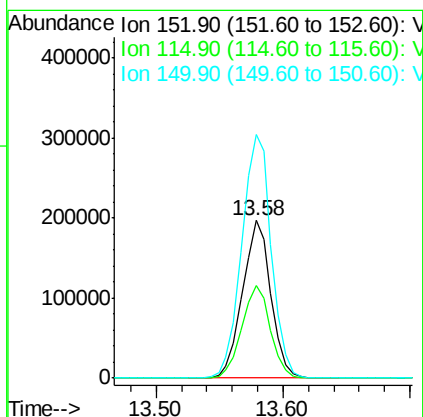
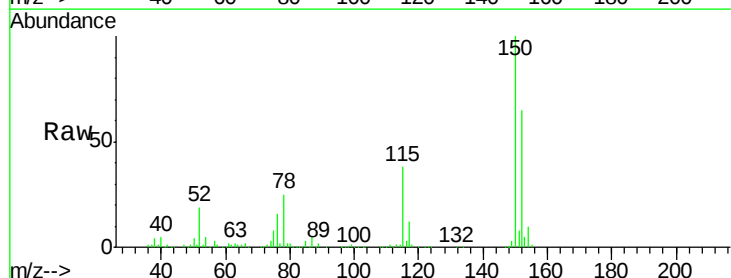
Instrument :
MSVOA_D
ClientSampled :
B-15(13-14)

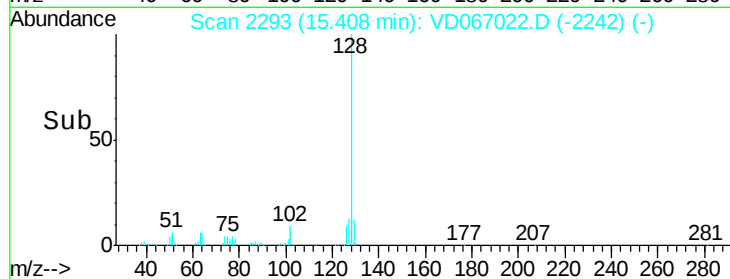
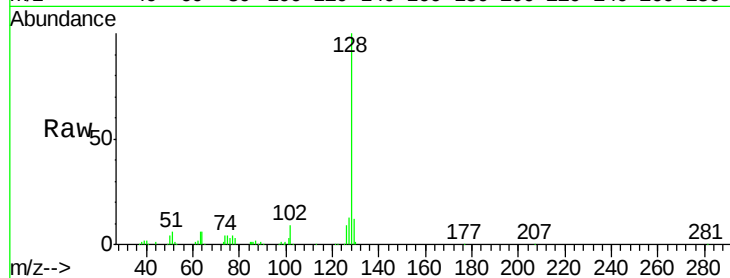
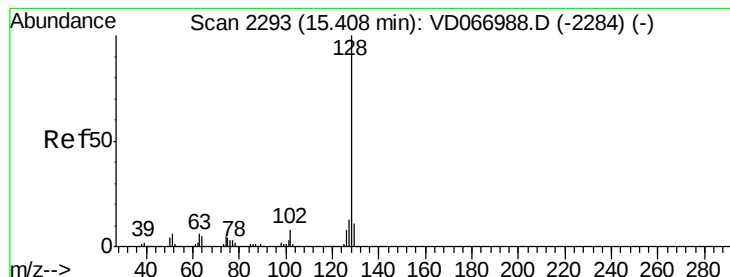
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.6	63.8
119	31.4	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD067022.D
Acq: 02 Oct 2020 06:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.6	88.8
150	161.0	0.0	344.8





#95

Naphthalene

Concen: 28.165 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD067022.D

Acq: 02 Oct 2020 06:05

Instrument :

MSVOA_D

ClientSampleId :

B-15(13-14)

Tot Ion:128 Resp: 257665

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.5 8.6 13.0

