

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067128.D
 Acq On : 07 Oct 2020 01:51
 Operator : VA/SY
 Sample : L4273-01
 Misc : 5.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

Quant Time: Oct 07 02:27:33 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

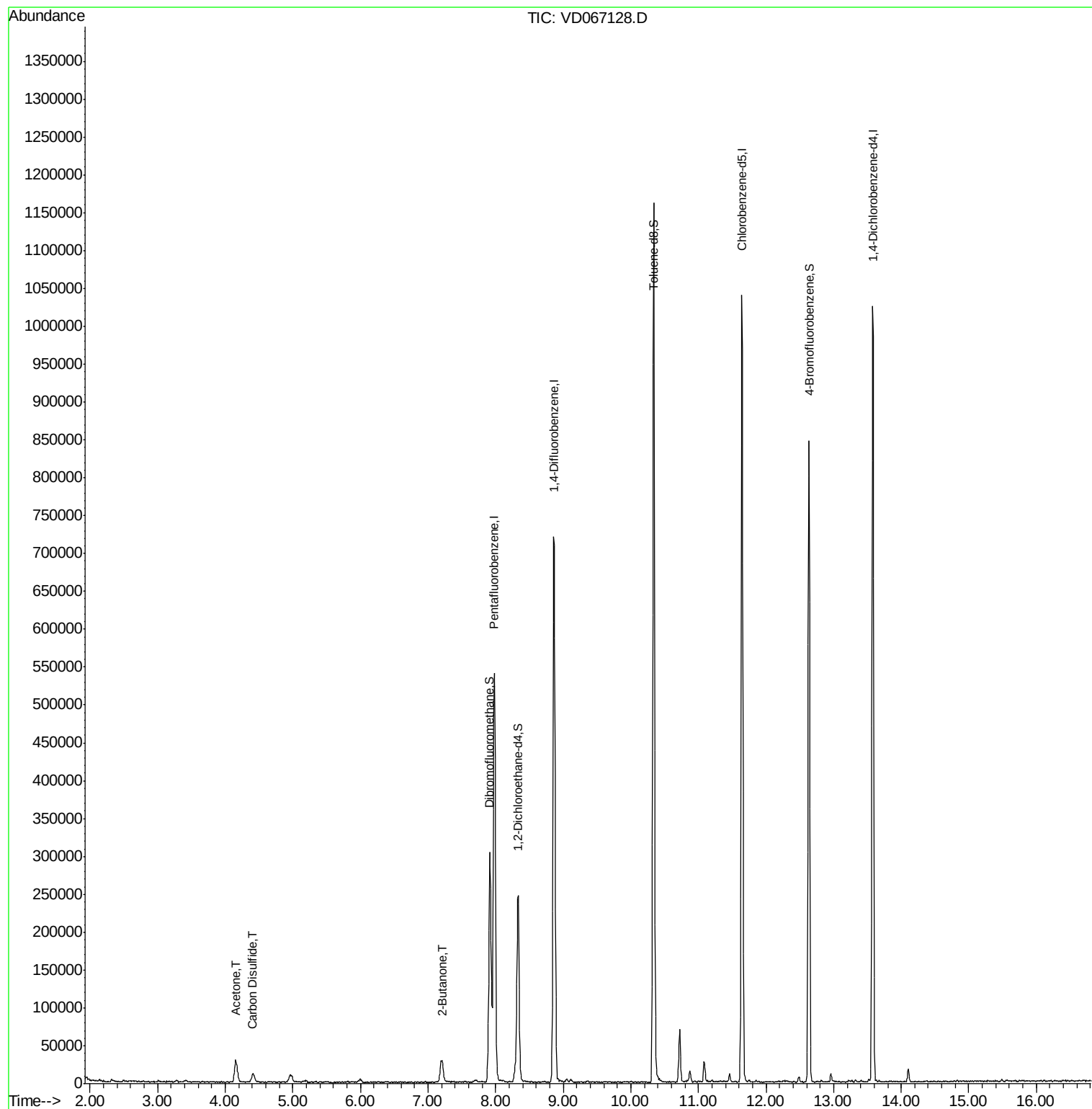
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	412293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	668702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	624104	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	289575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	203930	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
35) Dibromofluoromethane	7.91	113	214121	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
50) Toluene-d8	10.34	98	788262	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	12.64	95	263108	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
Target Compounds						
16) Acetone	4.16	43	54510	89.920	ug/l	92
17) Carbon Disulfide	4.41	76	23784	1.994	ug/l #	91
25) 2-Butanone	7.21	43	12780	14.870	ug/l	94

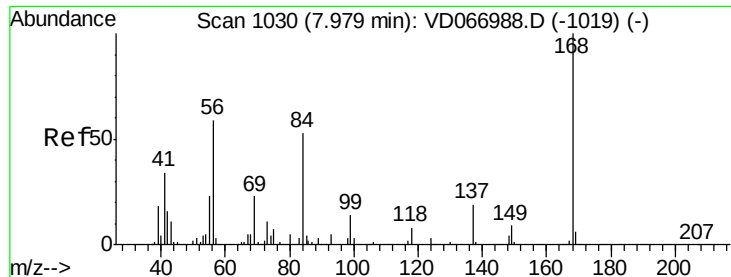
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100620\
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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# 1031

Delta R.T. 0.01 min

Lab File: VD067128.D

Acq: 07 Oct 2020 01:51

Instrument :

MSVOA_D

ClientSampleId :

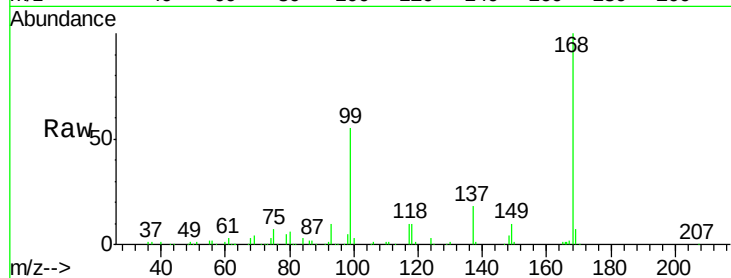
SB-1

Tot Ion:168 Resp: 412293

Ion Ratio Lower Upper

168 100

99 54.6 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

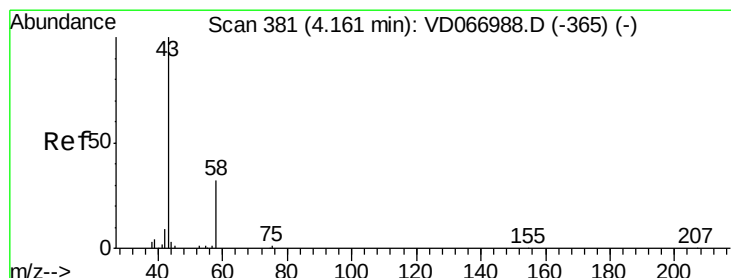
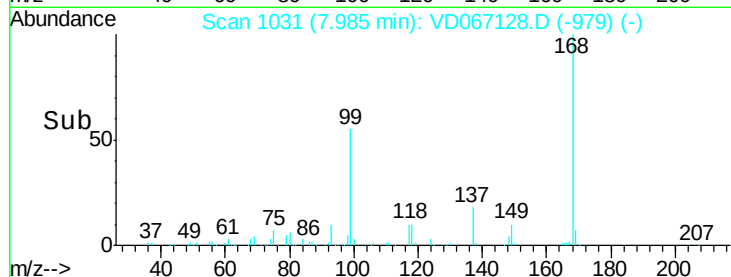
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 89.920 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.01 min

Lab File: VD067128.D

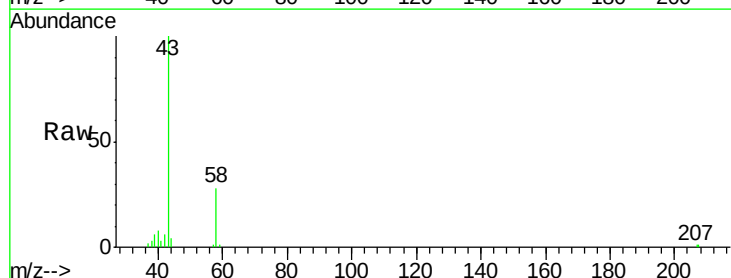
Acq: 07 Oct 2020 01:51

Tgt Ion: 43 Resp: 54510

Ion Ratio Lower Upper

43 100

58 27.7 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

20000

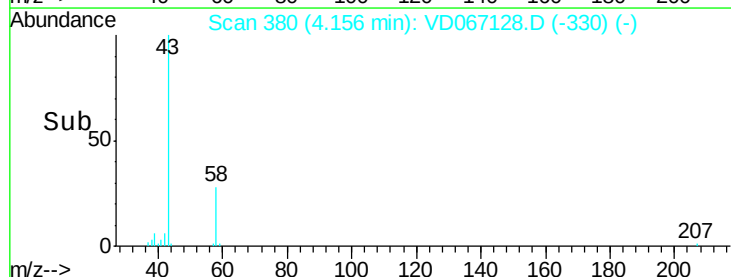
15000

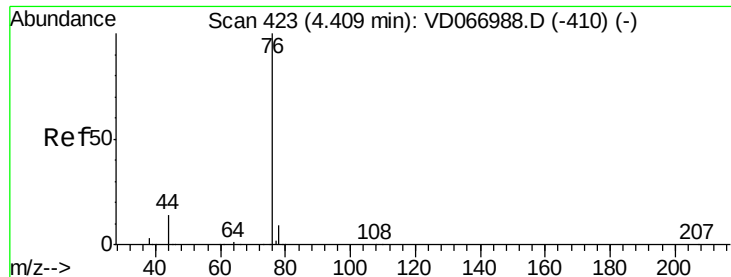
10000

5000

0

Time-->





#17

Carbon Disulfide

Concen: 1.994 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD067128.D

Acq: 07 Oct 2020 01:51

Instrument :

MSVOA_D

ClientSampleId :

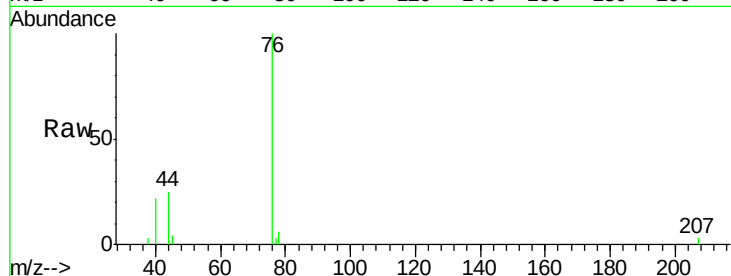
SB-1

Tot Ion: 76 Resp: 23784

Ion Ratio Lower Upper

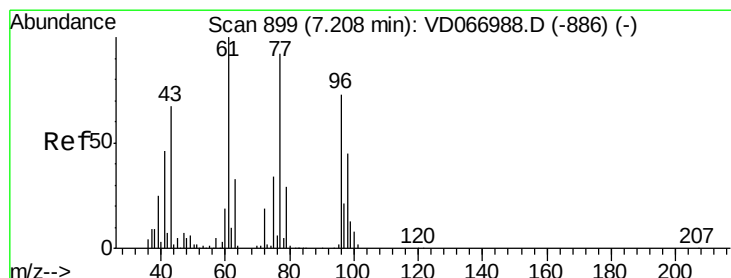
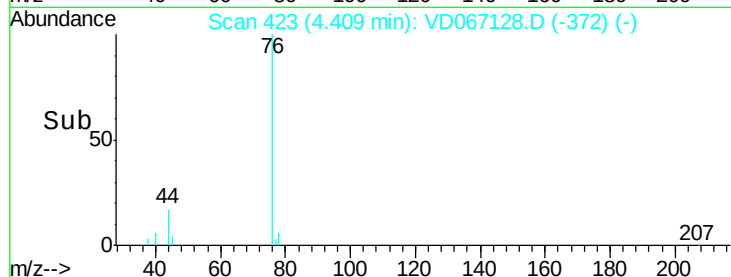
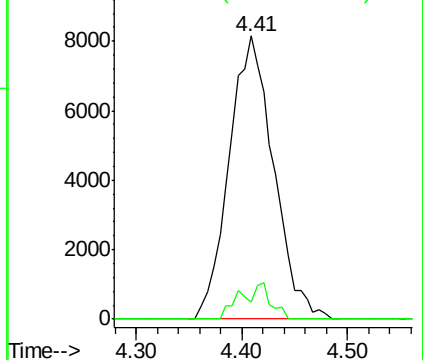
76 100

78 6.2 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#25

2-Butanone

Concen: 14.870 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067128.D

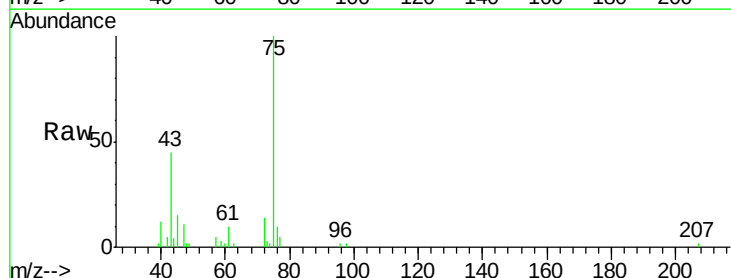
Acq: 07 Oct 2020 01:51

Tgt Ion: 43 Resp: 12780

Ion Ratio Lower Upper

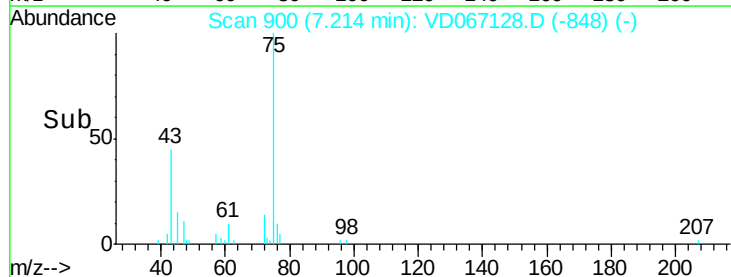
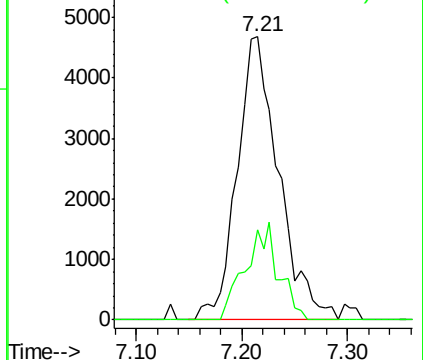
43 100

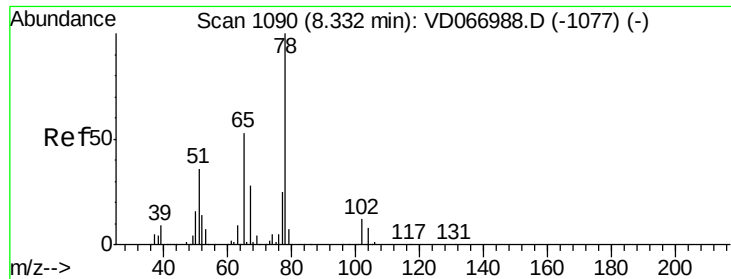
72 31.7 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

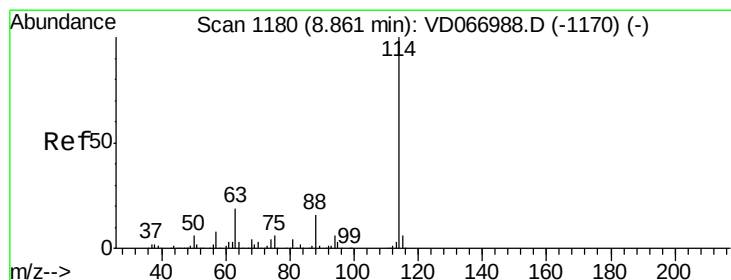
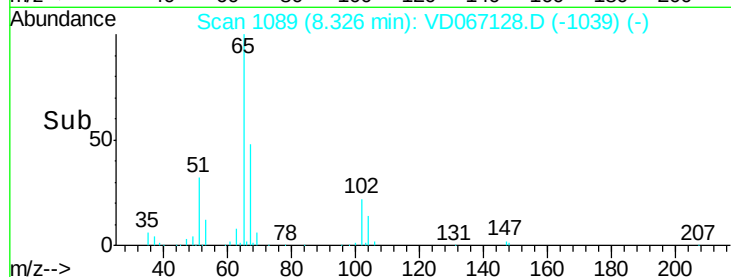
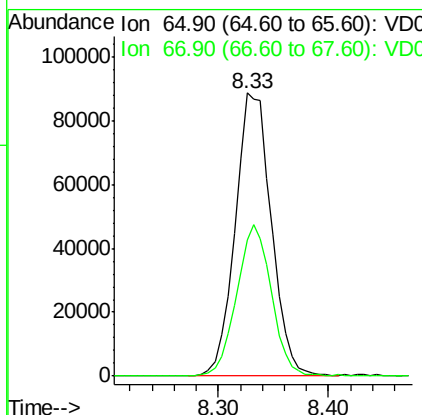
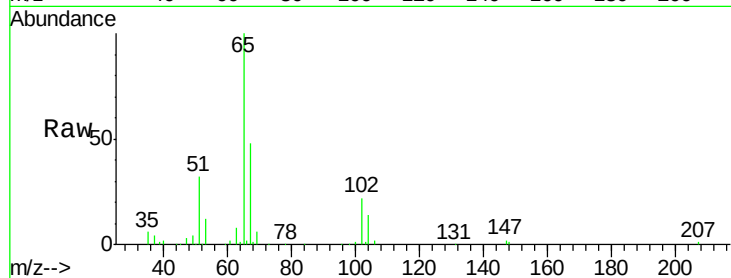




#33
 1,2-Dichloroethane-d4
 Concen: 51.352 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD067128.D
 Acq: 07 Oct 2020 01:51

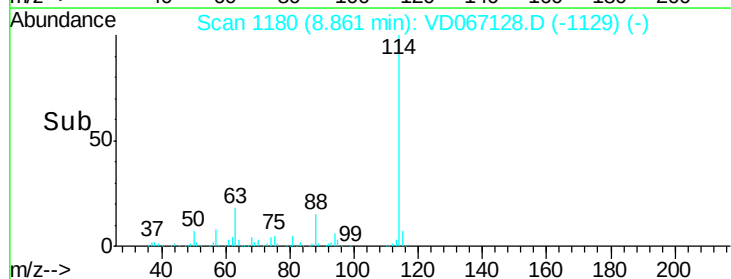
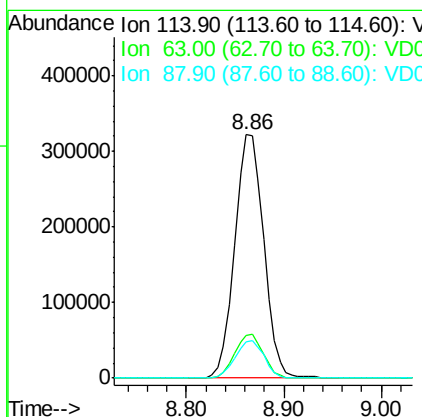
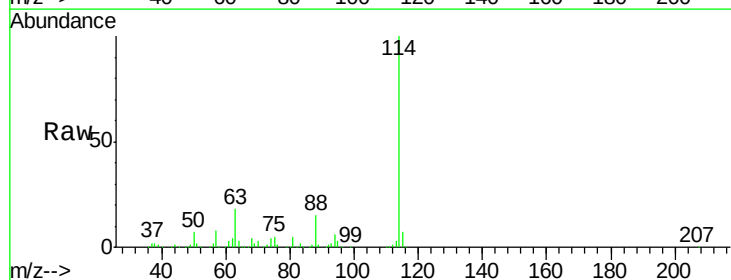
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1

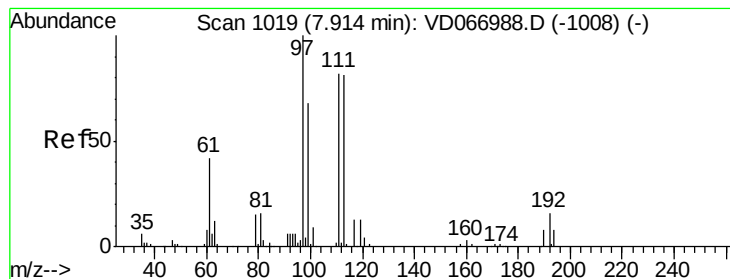
Tot Ion: 65 Resp: 203930
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD067128.D
 Acq: 07 Oct 2020 01:51

Tgt Ion: 114 Resp: 668702
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 38.4
 88 14.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.910 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067128.D

Acq: 07 Oct 2020 01:51

Instrument :

MSVOA_D

ClientSampleId :

SB-1

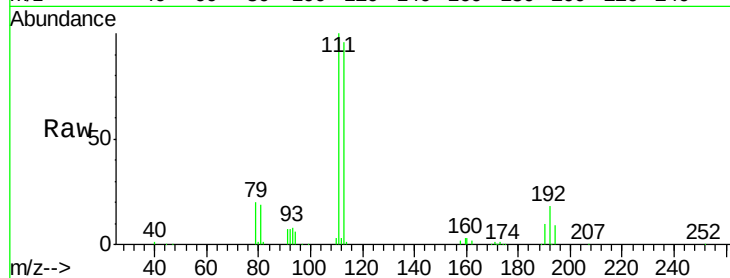
Tot Ion:113 Resp: 214121

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

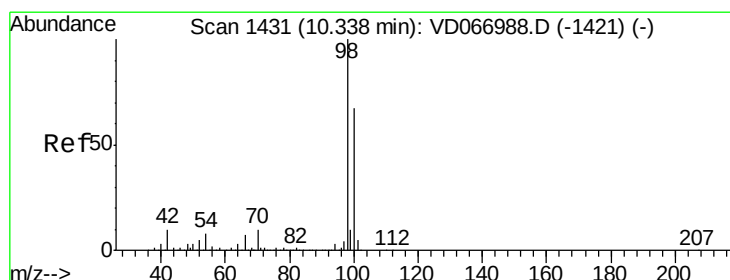
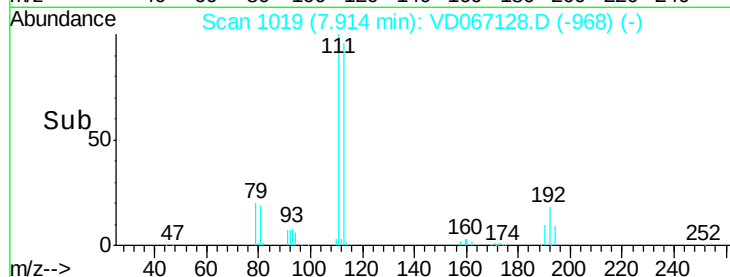
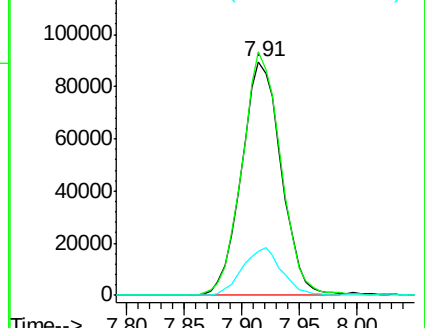
192 20.0 15.5 23.3



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: 49.413 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD067128.D

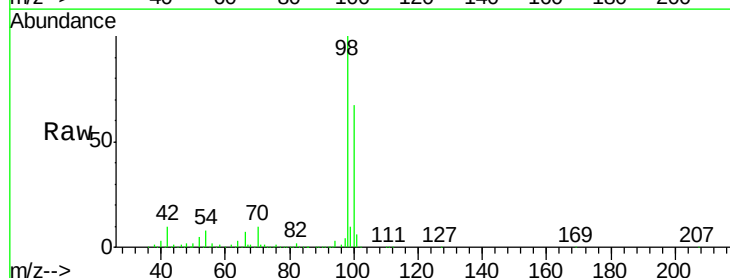
Acq: 07 Oct 2020 01:51

Tgt Ion: 98 Resp: 788262

Ion Ratio Lower Upper

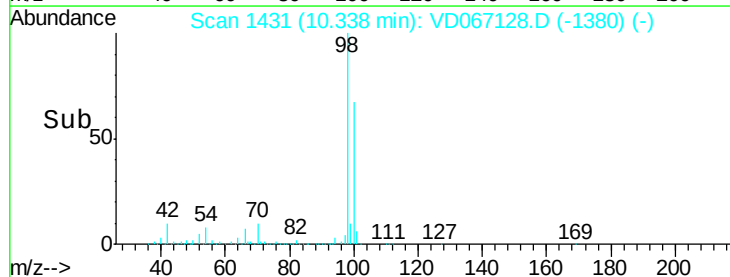
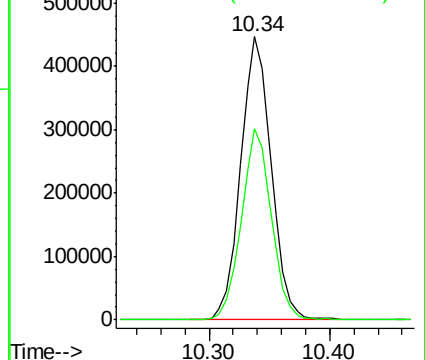
98 100

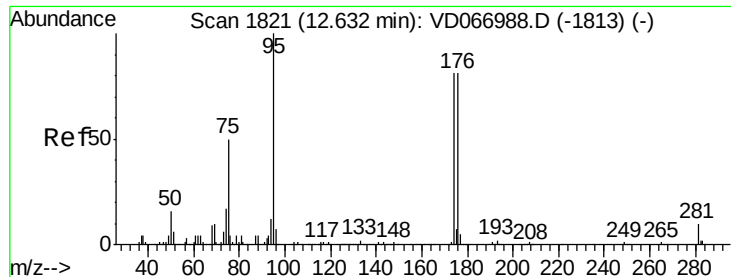
100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V

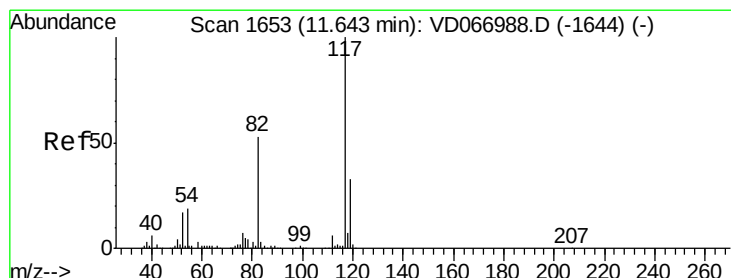
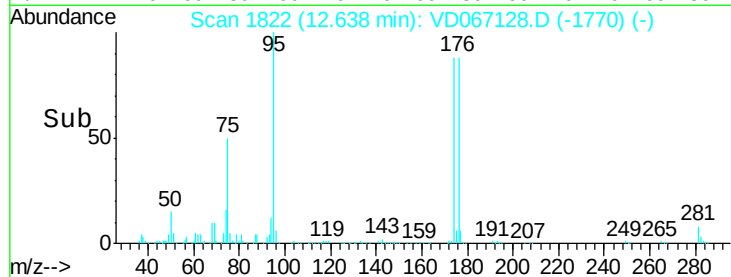
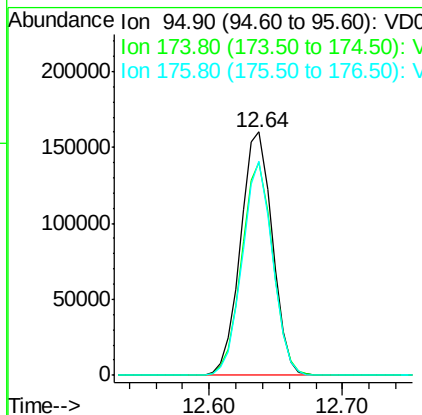
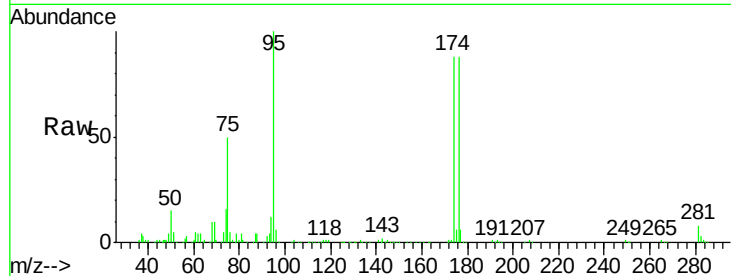




#62
4-Bromofluorobenzene
Concen: 48.585 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.01 min
Lab File: VD067128.D
Acq: 07 Oct 2020 01:51

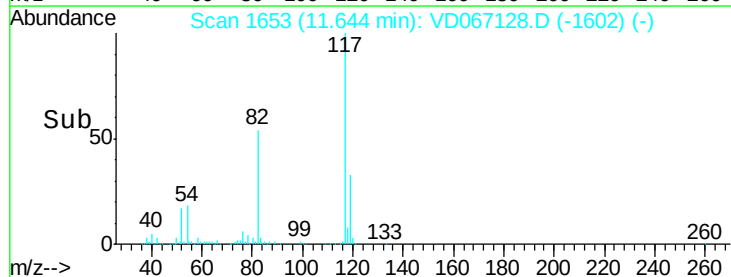
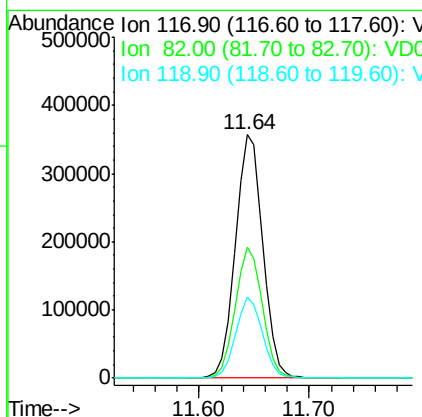
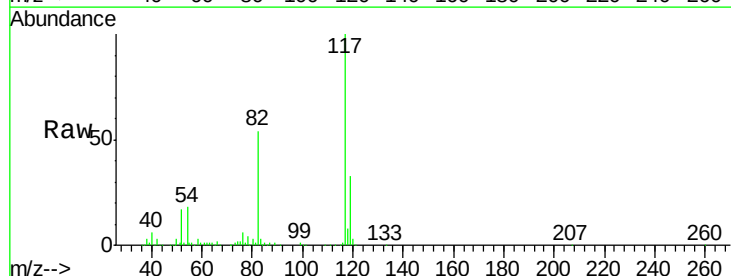
Instrument :
MSVOA_D
ClientSampleId :
SB-1

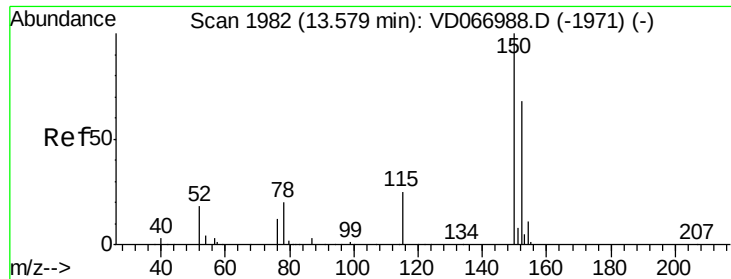
Tot Ion	95	Resp	263108
Ion Ratio	Lower	Upper	
95	100		
174	85.6	0.0	167.6
176	83.7	0.0	162.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067128.D
Acq: 07 Oct 2020 01:51

Tgt Ion	117	Resp	624104
Ion Ratio	Lower	Upper	
117	100		
82	53.6	42.6	63.8
119	33.3	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: VD067128.D

Acq: 07 Oct 2020 01:51

Instrument :

MSVOA_D

ClientSampleId :

SB-1

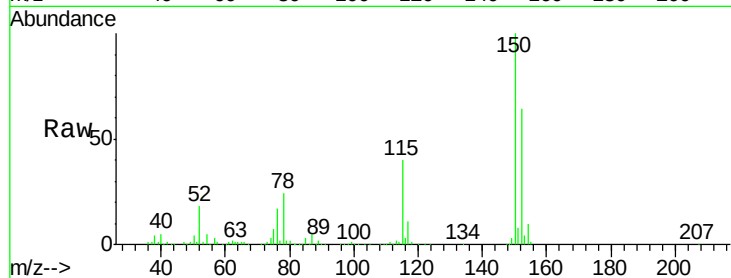
Tot Ion:152 Resp: 289575

Ion Ratio Lower Upper

152 100

115 58.7 29.6 88.8

150 157.0 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

