

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092320\
 Data File : VD066835.D
 Acq On : 23 Sep 2020 15:28
 Operator : VA/SY
 Sample : L4105-01RE
 Misc : 5.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MTB-SPRE

Quant Time: Sep 23 16:27:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

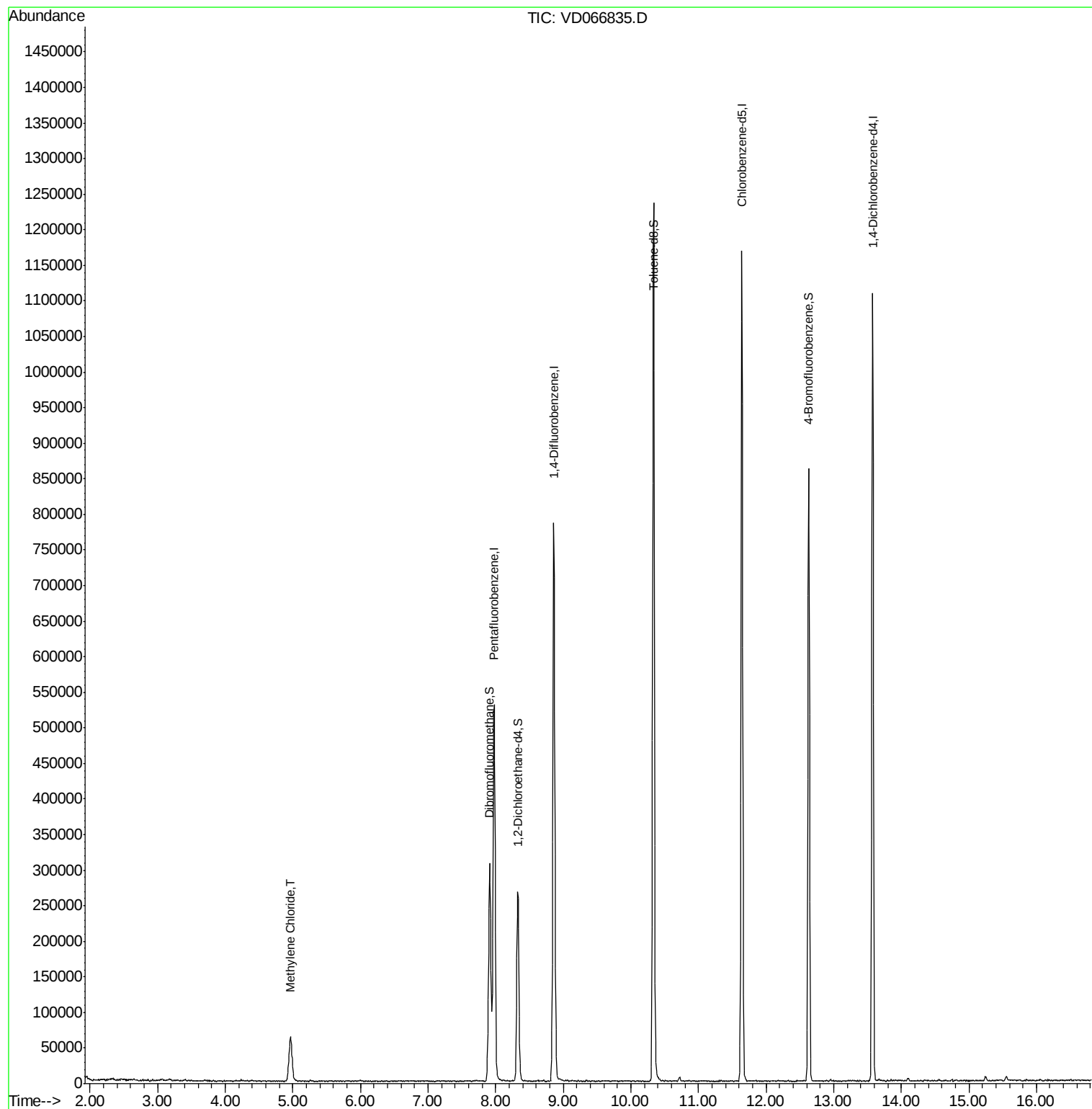
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	377518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	683183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	663706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	214091	57.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.88%	
35) Dibromofluoromethane	7.91	113	218304	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.34	98	831738	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
62) 4-Bromofluorobenzene	12.63	95	279050	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
Target Compounds						
20) Methylene Chloride	4.97	84	49067	6.539	ug/l	Qvalue 94

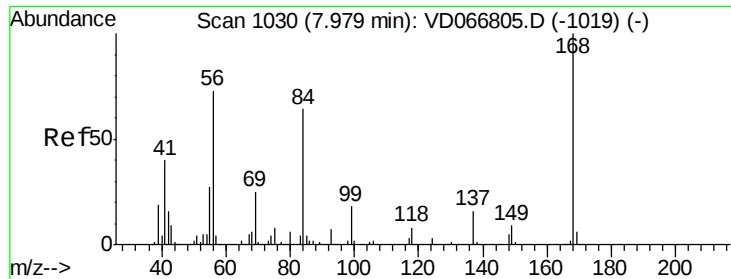
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

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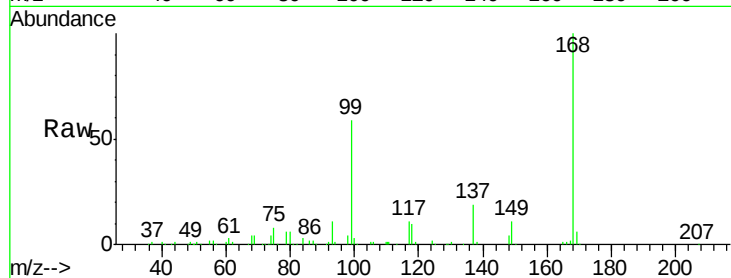
MTB-SPRE

Tot Ion:168 Resp: 377518

Ion Ratio Lower Upper

168 100

99 58.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

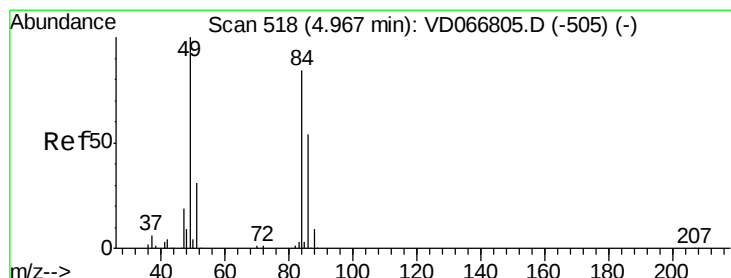
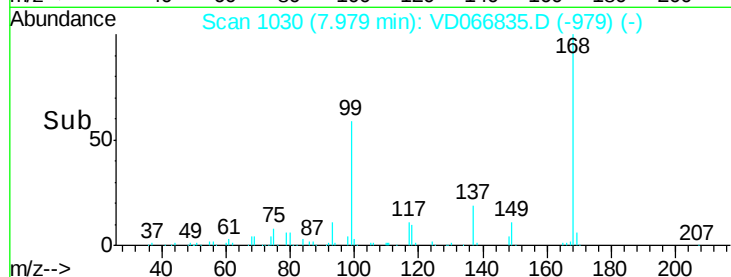
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.539 ug/l

RT: 4.97 min Scan# 518

Delta R.T. 0.00 min

Lab File: VD066835.D

Acq: 23 Sep 2020 15:28

Tgt Ion: 84 Resp: 49067

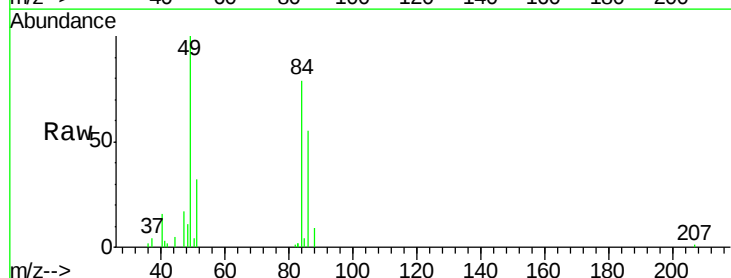
Ion Ratio Lower Upper

84 100

49 126.5 95.4 143.2

51 40.8 29.7 44.5

86 69.5 51.4 77.2



Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

4.97

30000

25000

20000

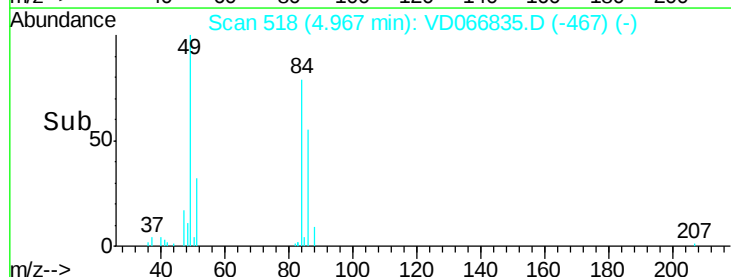
15000

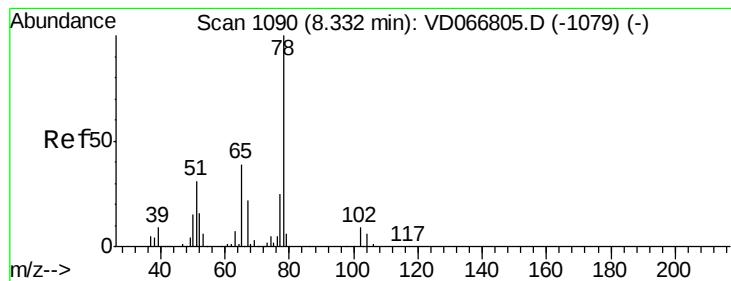
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 57.941 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066835.D

Acq: 23 Sep 2020 15:28

Instrument :

MSVOA_D

ClientSampleId :

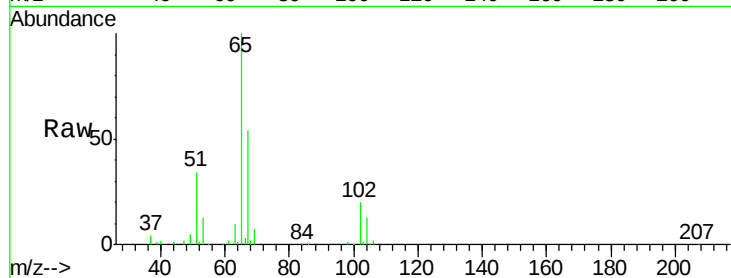
MTB-SPRE

Tot Ion: 65 Resp: 214091

Ion Ratio Lower Upper

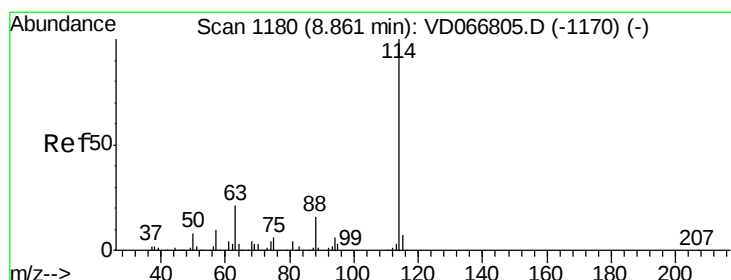
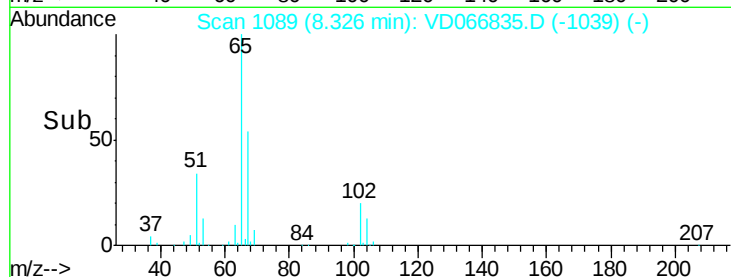
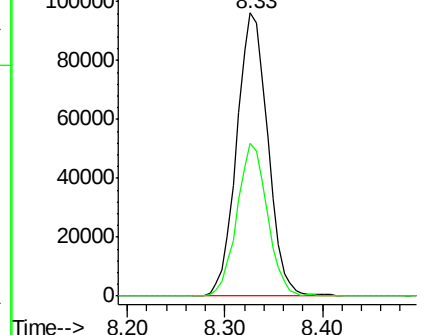
65 100

67 52.6 0.0 107.2



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: VD066835.D

Acq: 23 Sep 2020 15:28

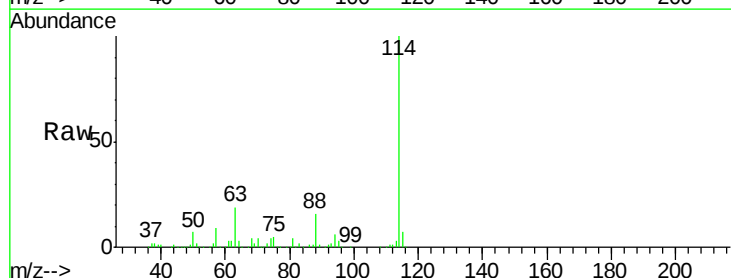
Tgt Ion: 114 Resp: 683183

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

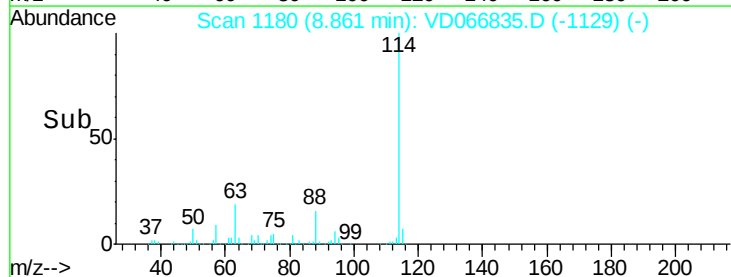
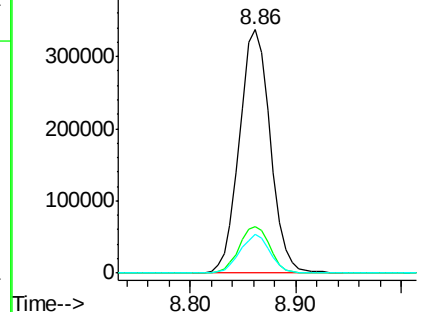
88 16.1 0.0 32.6

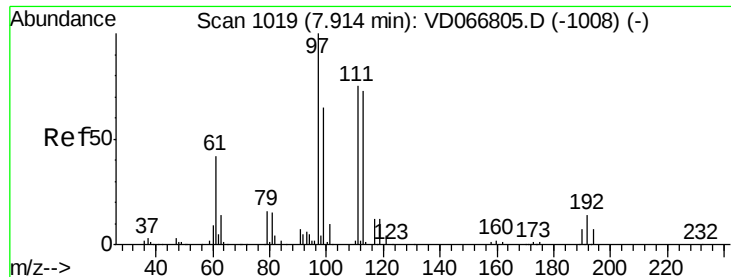


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

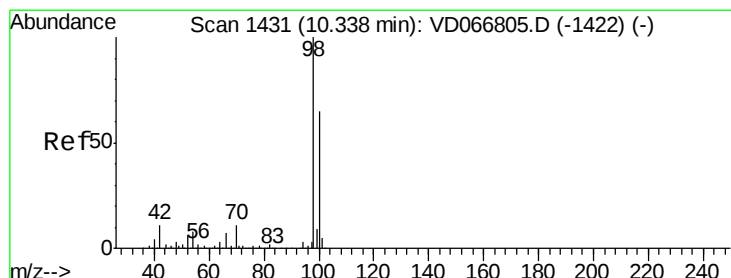
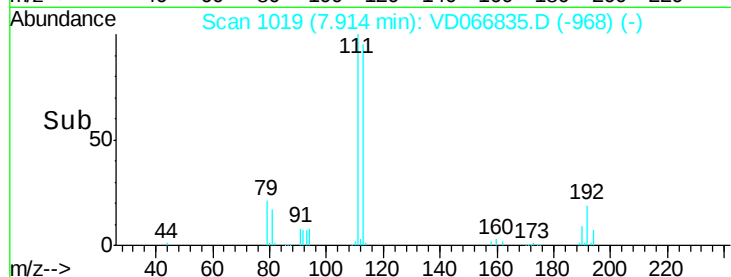
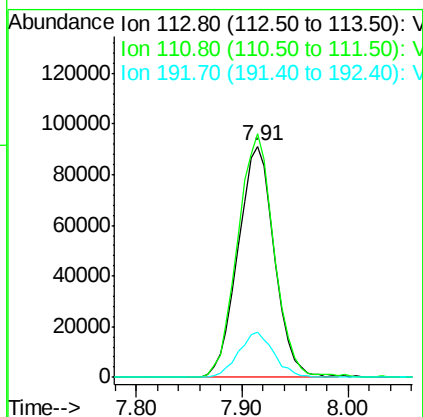
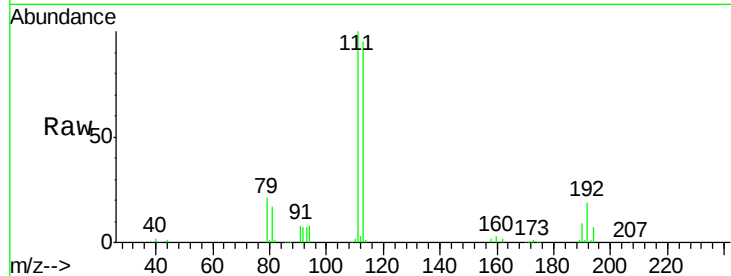




#35
 Dibromofluoromethane
 Concen: 50.226 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD066835.D
 Acq: 23 Sep 2020 15:28

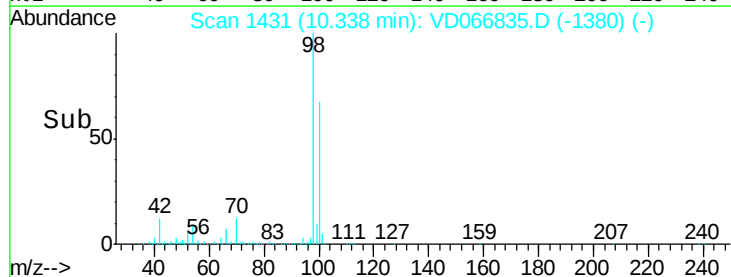
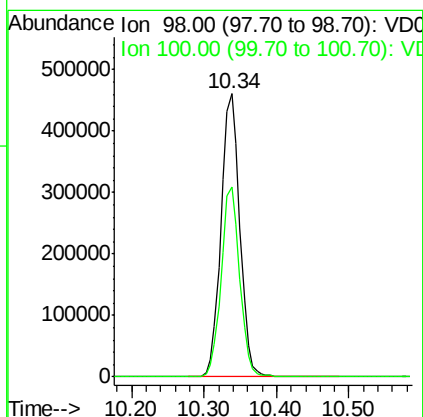
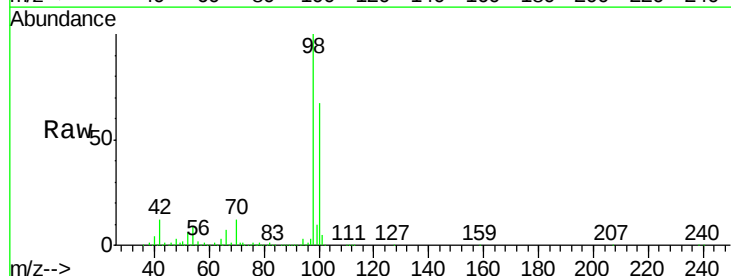
Instrument :
 MSVOA_D
 ClientSampleId :
 MTB-SPRE

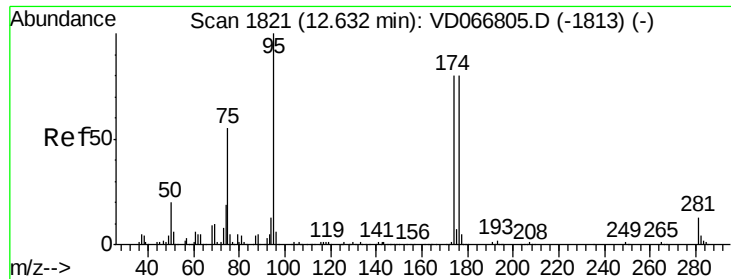
Tot Ion:113 Resp: 218304
 Ion Ratio Lower Upper
 113 100
 111 105.5 81.8 122.8
 192 19.0 14.4 21.6



#50
 Toluene-d8
 Concen: 56.164 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD066835.D
 Acq: 23 Sep 2020 15:28

Tgt Ion: 98 Resp: 831738
 Ion Ratio Lower Upper
 98 100
 100 65.9 52.2 78.2

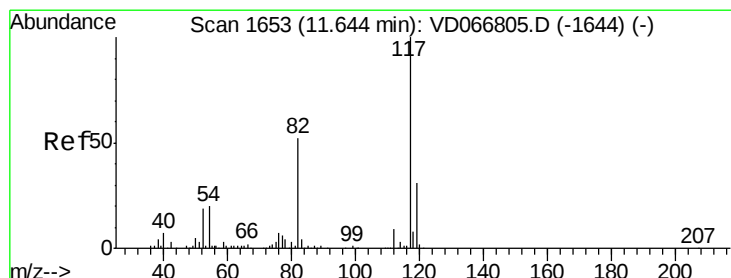
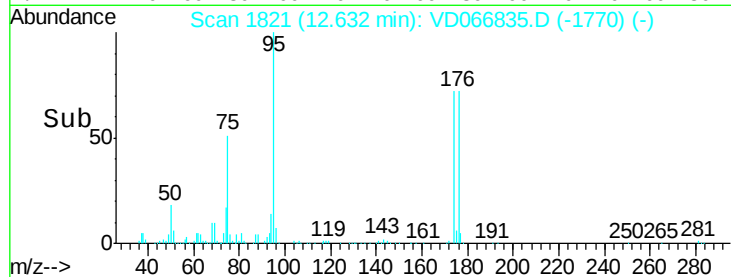
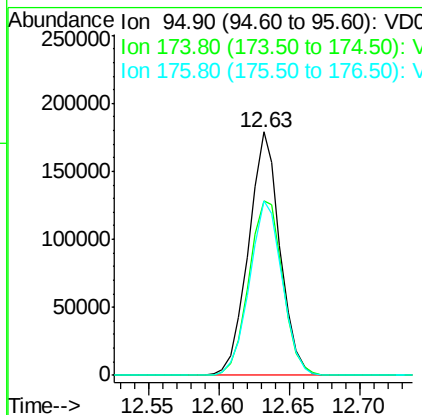
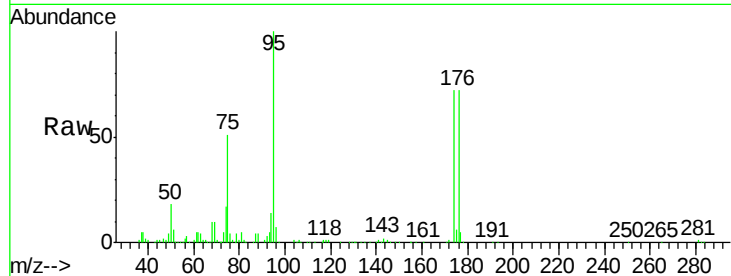




#62
4-Bromofluorobenzene
Concen: 55.043 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066835.D
Acq: 23 Sep 2020 15:28

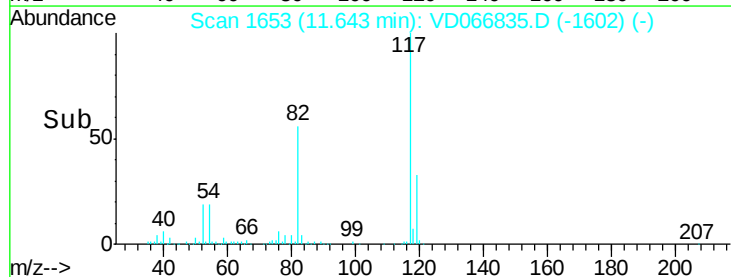
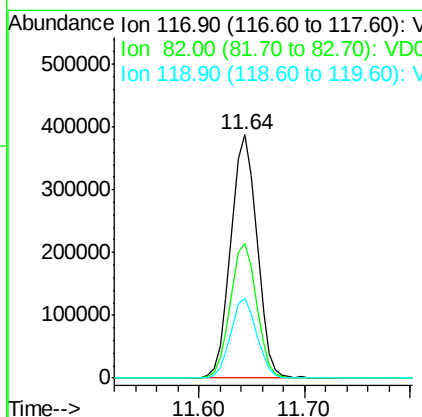
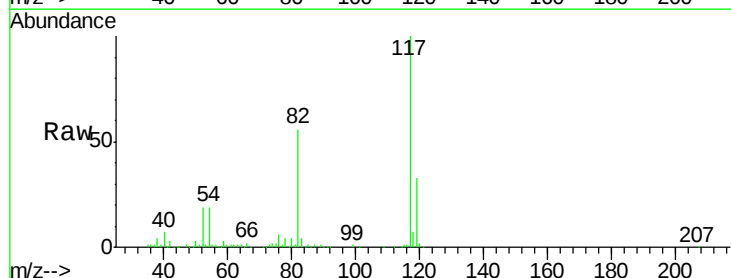
Instrument :
MSVOA_D
ClientSampleId :
MTB-SPRE

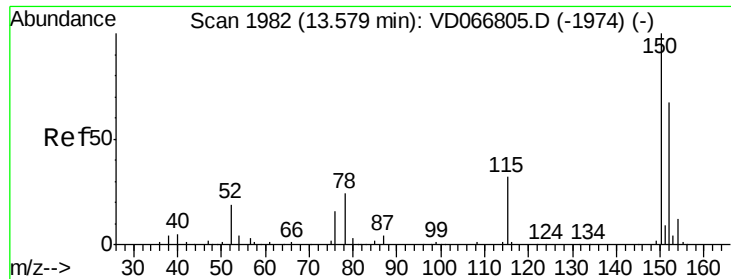
Tot Ion	95	Resp	279050
Ion Ratio	Lower	Upper	
95	100		
174	77.6	0.0	159.8
176	74.9	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066835.D
Acq: 23 Sep 2020 15:28

Tgt Ion	117	Resp	663706
Ion Ratio	Lower	Upper	
117	100		
82	55.6	41.8	62.6
119	32.7	24.6	37.0

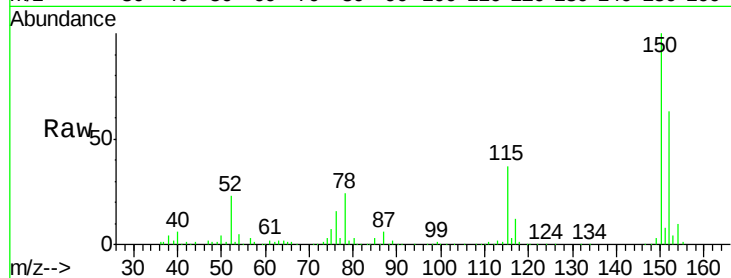




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: VD066835.D
 Acq: 23 Sep 2020 15:28

Instrument :
 MSVOA_D
 ClientSampleId :
 MTB-SPRE

Tot Ion:152 Resp: 287470
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.3 91.0
 150 156.9 0.0 346.2



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

