

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066913.D
 Acq On : 28 Sep 2020 15:09
 Operator : VA/SY
 Sample : L4158-01
 Misc : 4.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-1

Quant Time: Sep 29 01:39:47 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

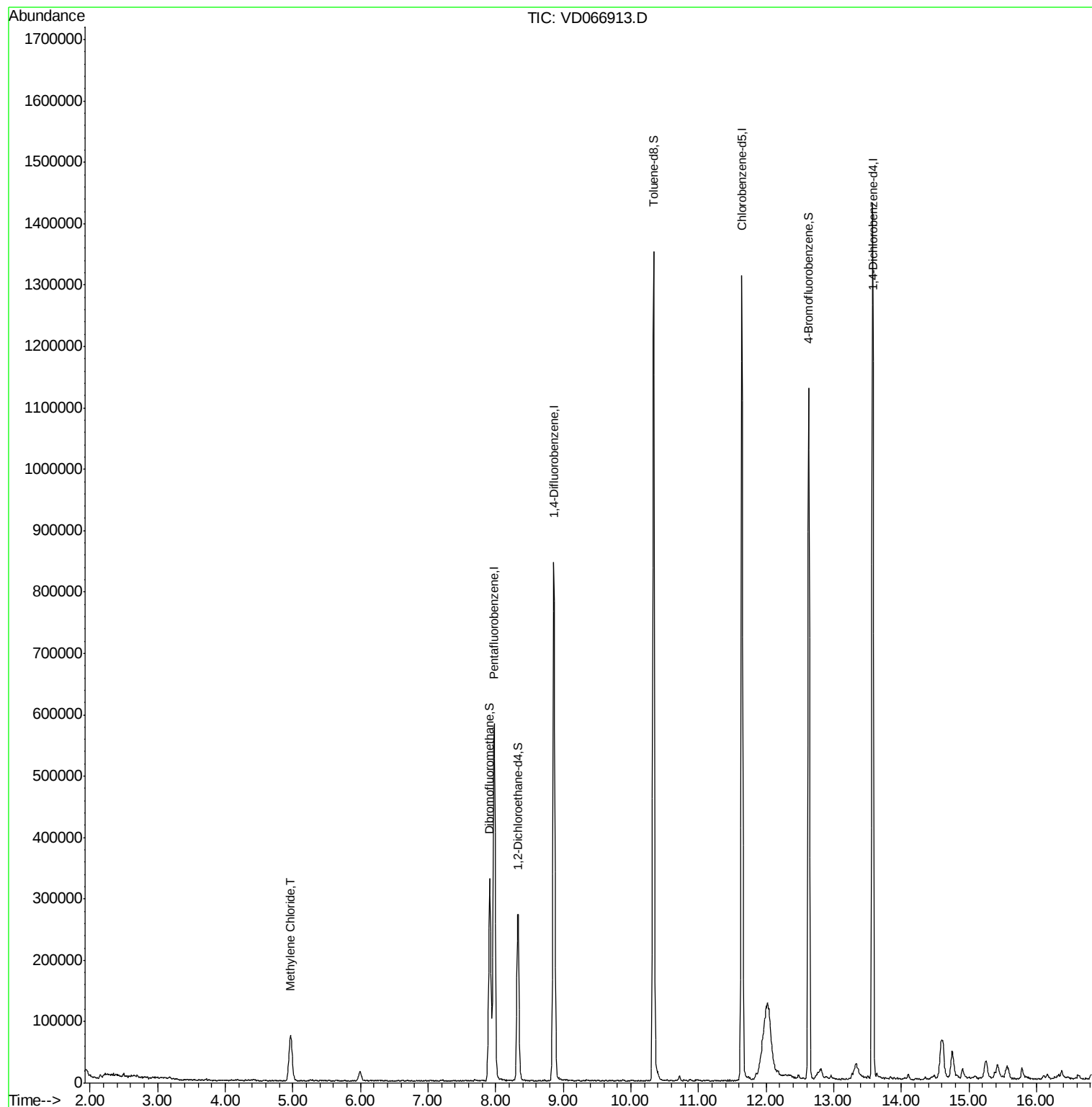
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	427968	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	741168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	767734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	378500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	225401	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	
35) Dibromofluoromethane	7.91	113	237648	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.34	98	894779	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	
62) 4-Bromofluorobenzene	12.63	95	366485	66.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	133.26%	
Target Compounds						
20) Methylene Chloride	4.96	84	63351	8.362	ug/l	Qvalue 91

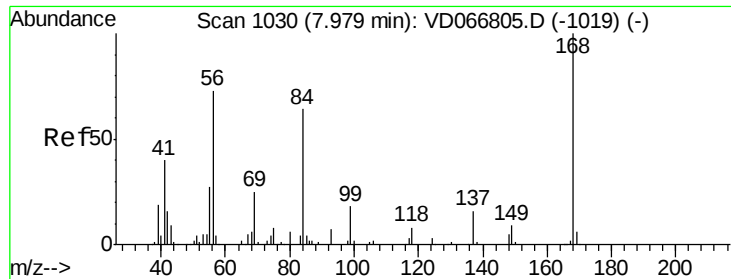
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066913.D

Acq: 28 Sep 2020 15:09

Instrument :

MSVOA_D

ClientSampleId :

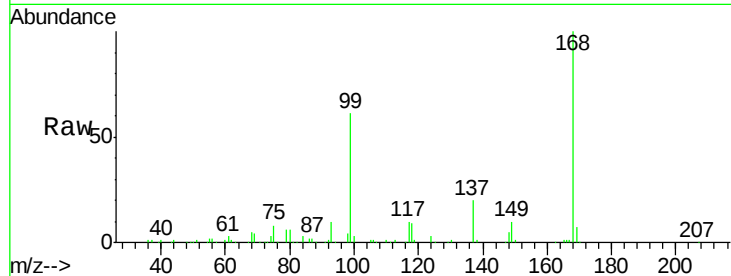
SP-1-1

Tot Ion:168 Resp: 427968

Ion Ratio Lower Upper

168 100

99 60.9 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

200000

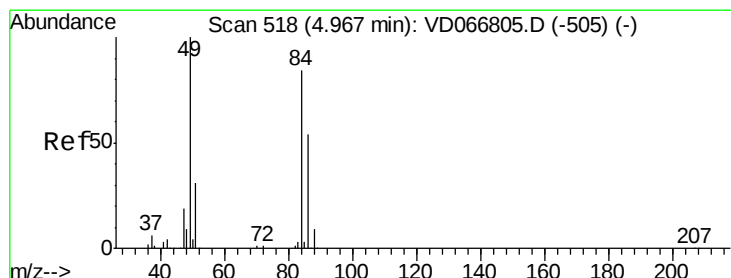
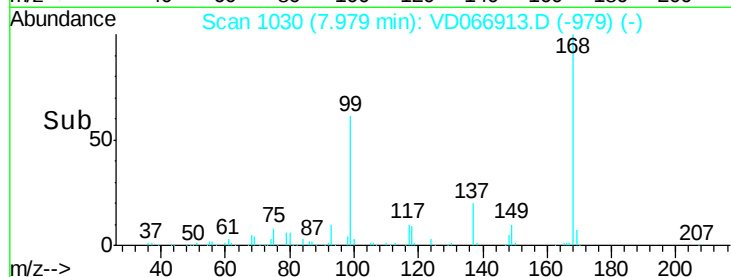
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 8.362 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066913.D

Acq: 28 Sep 2020 15:09

Tgt Ion: 84 Resp: 63351

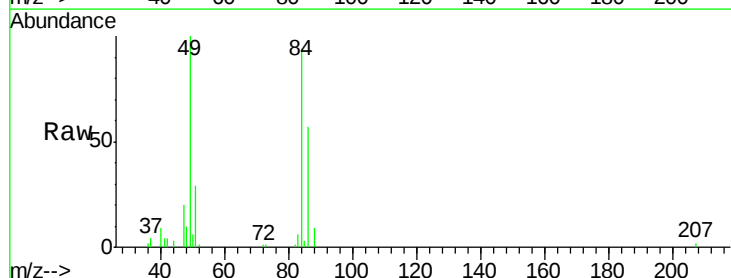
Ion Ratio Lower Upper

84 100

49 106.8 95.4 143.2

51 31.0 29.7 44.5

86 60.4 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

4.96

30000

25000

20000

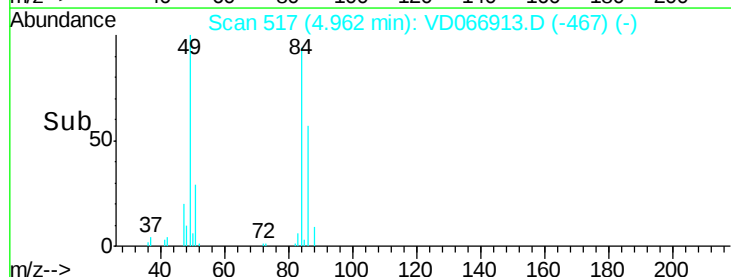
15000

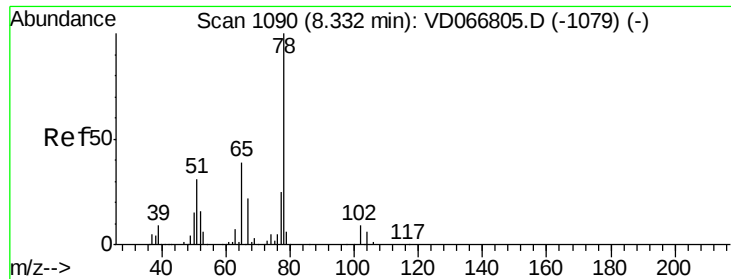
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 53.811 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066913.D

Acq: 28 Sep 2020 15:09

Instrument :

MSVOA_D

ClientSampled :

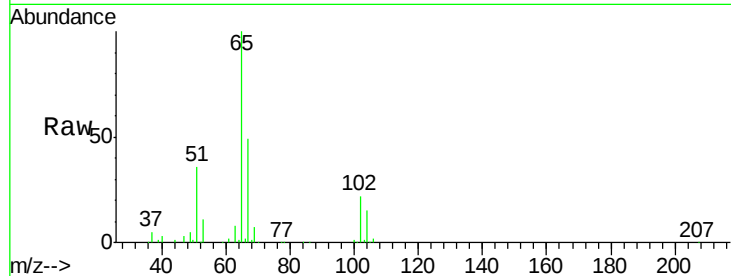
SP-1-1

Tot Ion: 65 Resp: 225401

Ion Ratio Lower Upper

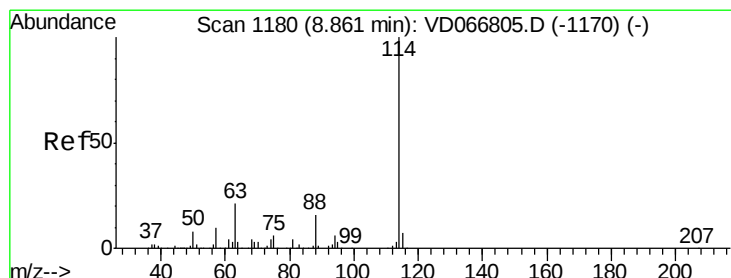
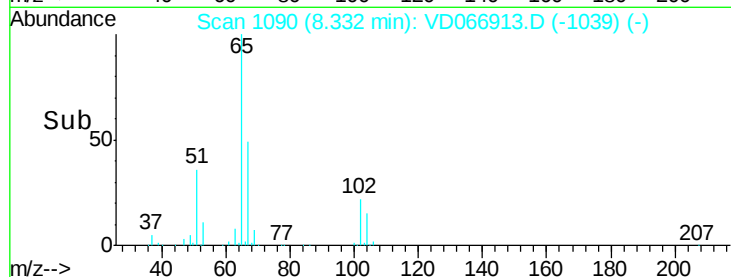
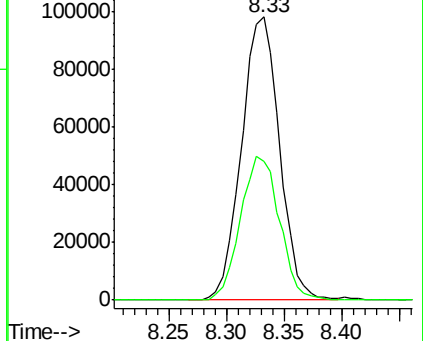
65 100

67 52.1 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: VD066913.D

Acq: 28 Sep 2020 15:09

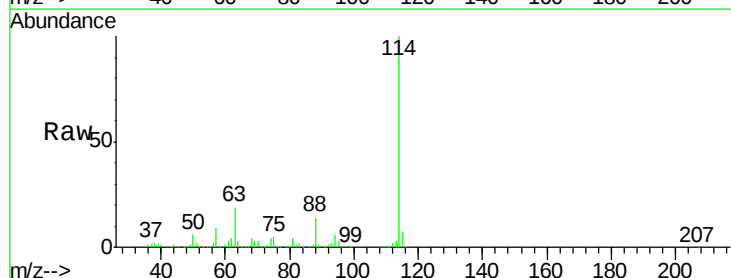
Tgt Ion: 114 Resp: 741168

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

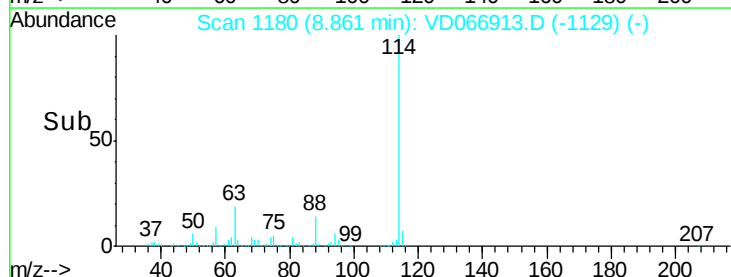
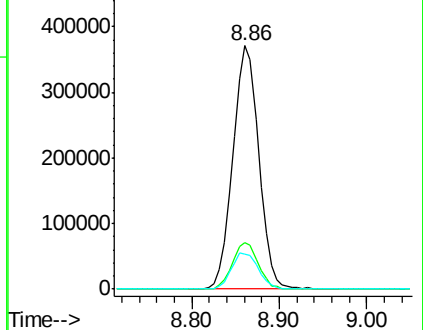
88 14.5 0.0 32.6

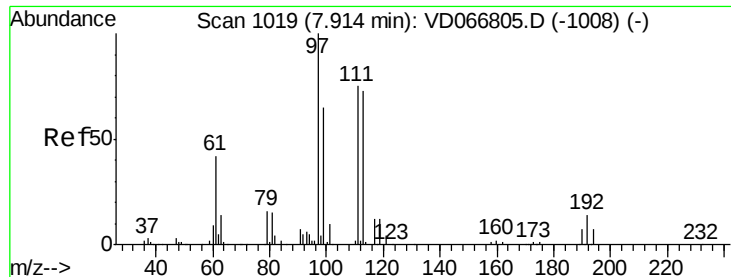


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

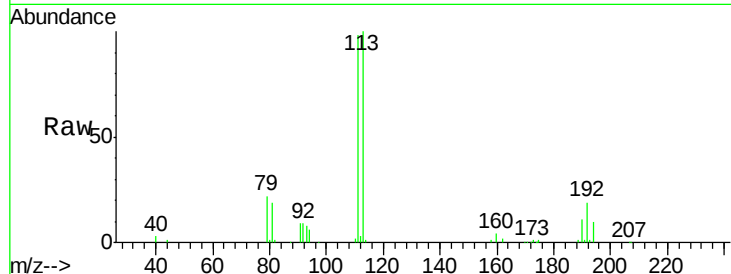




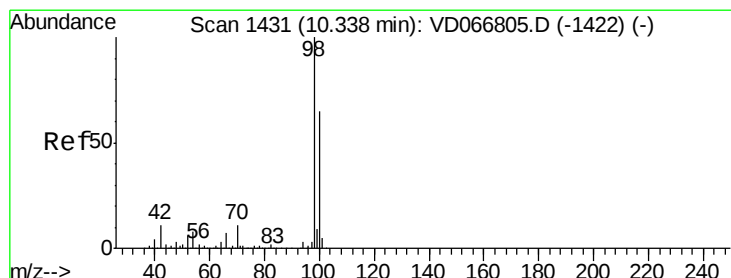
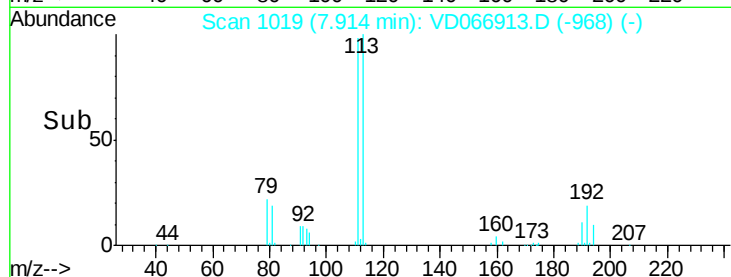
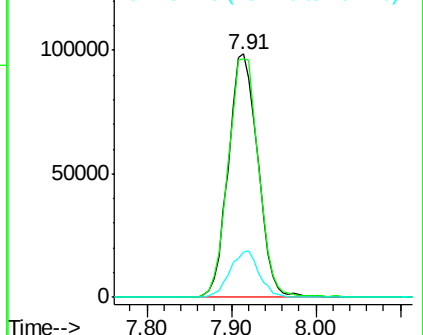
#35
Dibromofluoromethane
Concen: 50.399 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066913.D
Acq: 28 Sep 2020 15:09

Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.8
192	18.6	14.4	21.6

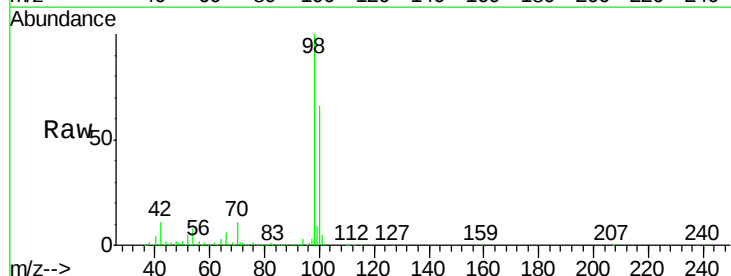


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

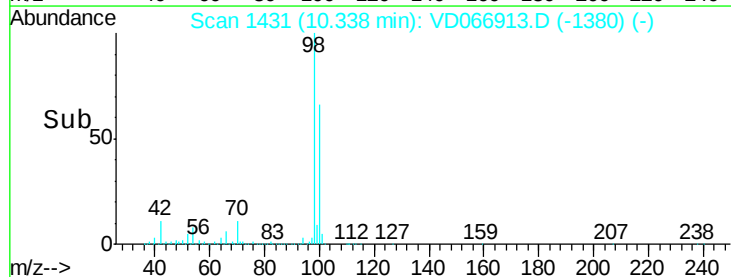
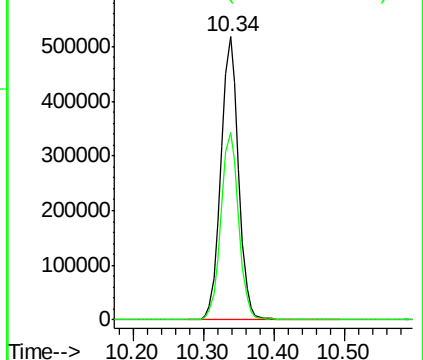


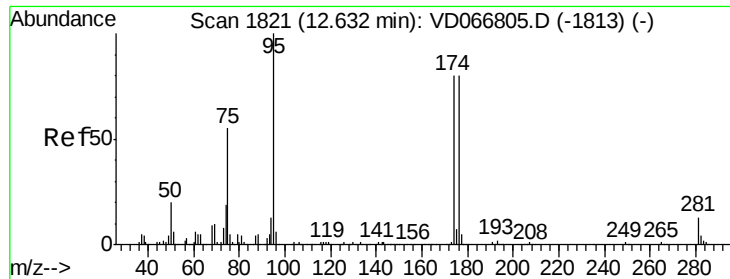
#50
Toluene-d8
Concen: 55.694 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066913.D
Acq: 28 Sep 2020 15:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

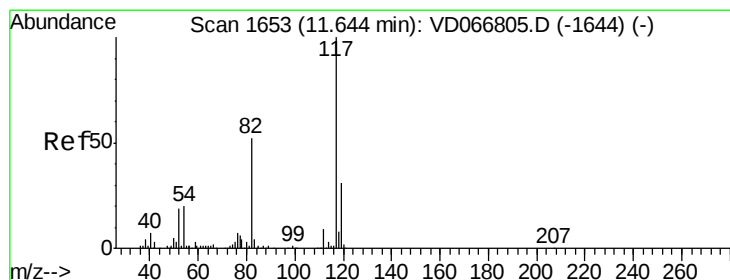
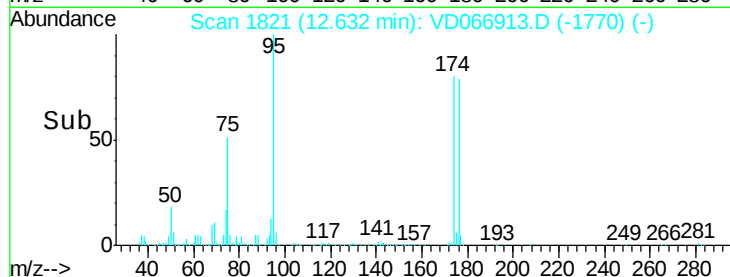
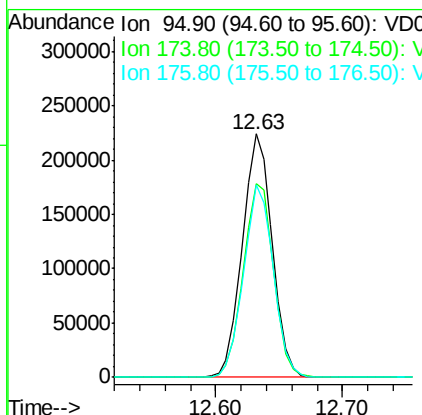
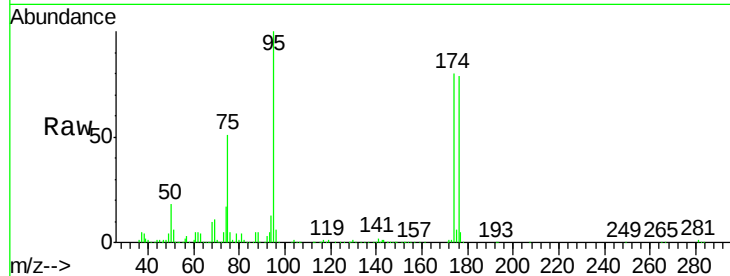




#62
4-Bromofluorobenzene
Concen: 66.635 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066913.D
Acq: 28 Sep 2020 15:09

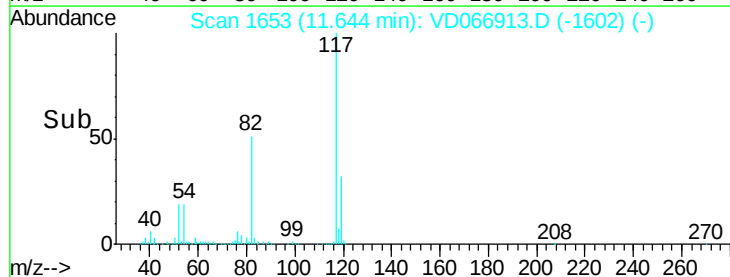
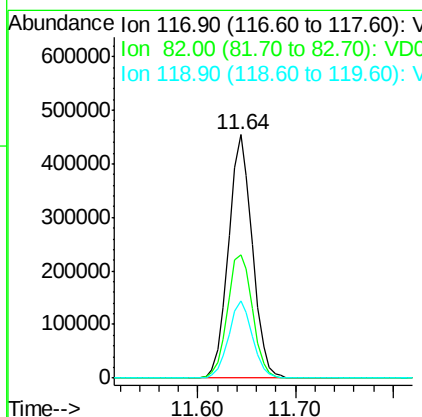
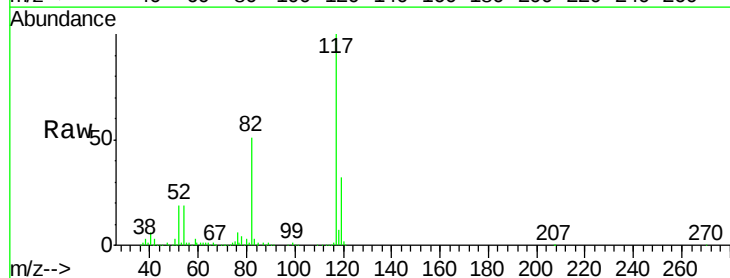
Instrument :
MSVOA_D
ClientSampleId :
SP-1-1

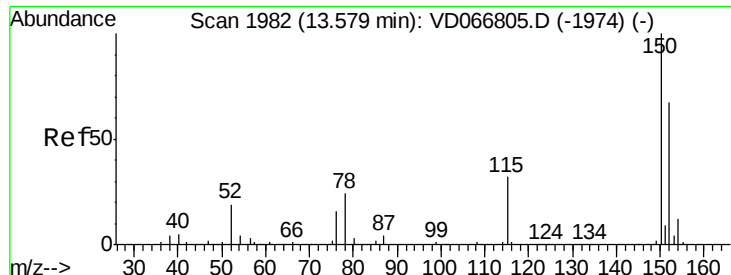
Tot Ion	Ratio	Lower	Upper
95	100		
174	81.0	0.0	159.8
176	78.7	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066913.D
Acq: 28 Sep 2020 15:09

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.8	62.6
119	31.8	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: VD066913.D

Acq: 28 Sep 2020 15:09

Instrument :

MSVOA_D

ClientSampleId :

SP-1-1

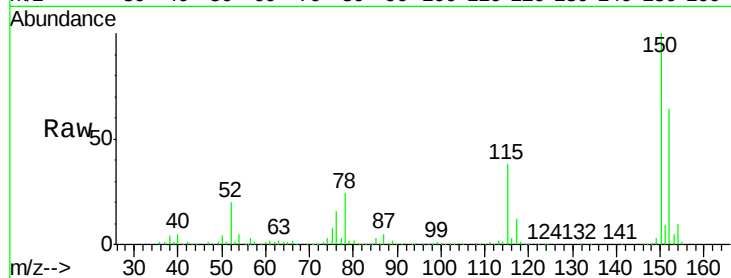
Tot Ion:152 Resp: 378500

Ion Ratio Lower Upper

152 100

115 60.6 30.3 91.0

150 156.7 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

