

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092520\
 Data File : VD066899.D
 Acq On : 26 Sep 2020 04:28
 Operator : VA/SY
 Sample : L4154-09
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-5(11-13)

Quant Time: Sep 26 07:32:16 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

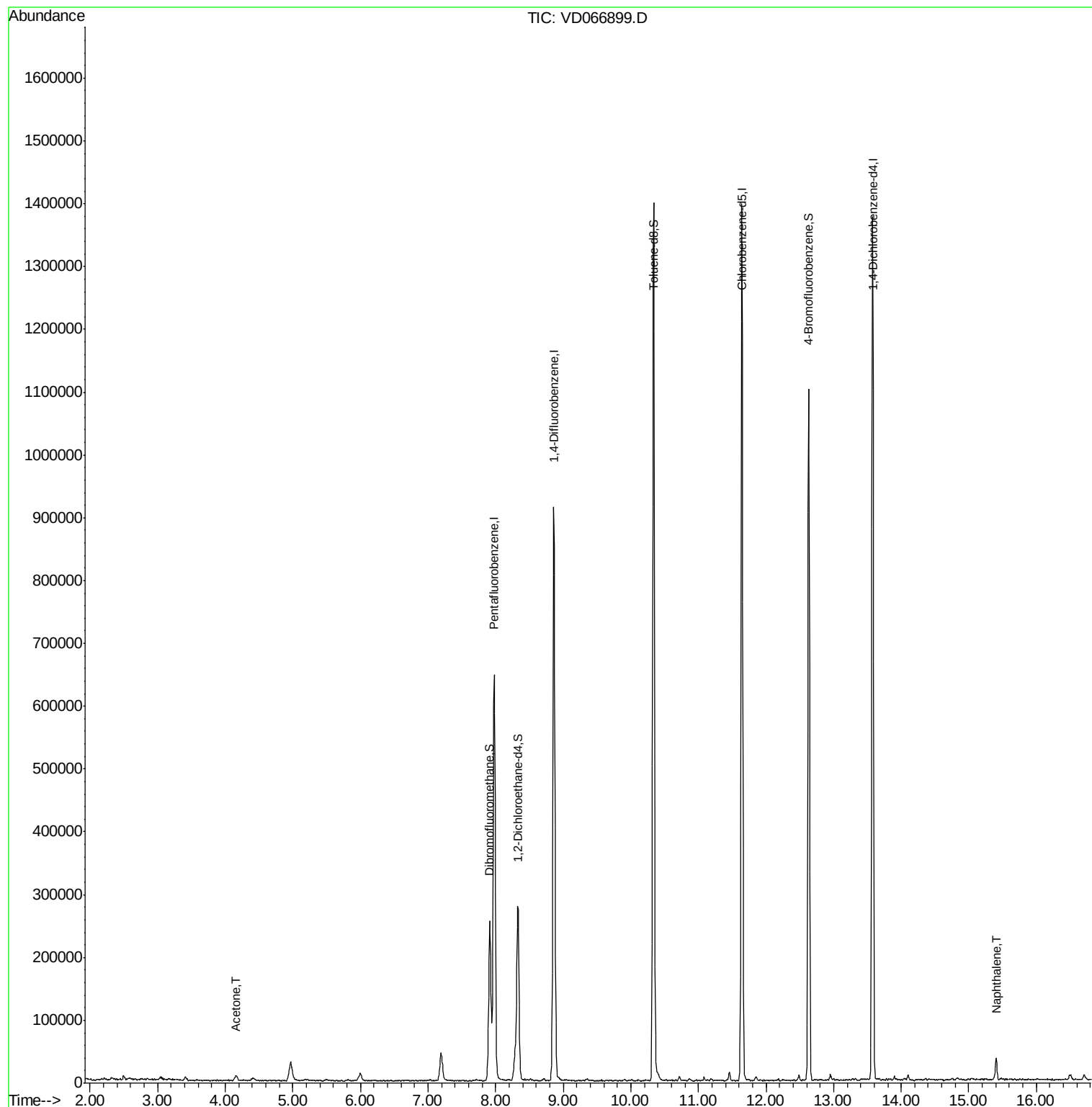
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	466032	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	793439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	790936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	364270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	226163	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
35) Dibromofluoromethane	7.91	113	185877	36.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.64%	
50) Toluene-d8	10.34	98	957999	55.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.40%	
62) 4-Bromofluorobenzene	12.63	95	348899	59.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.52%	
Target Compounds						
16) Acetone	4.16	43	14589	15.077	ug/l #	82
95) Naphthalene	15.40	128	31603	2.843	ug/l	98

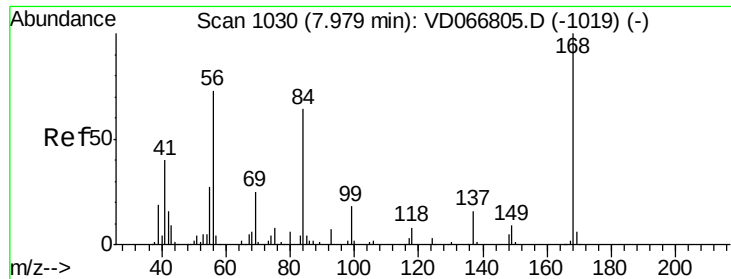
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066899.D

Acq: 26 Sep 2020 04:28

Instrument :

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ClientSampleId :

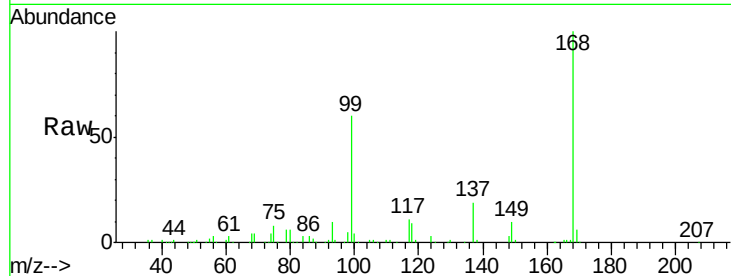
B-5(11-13)

Tot Ion:168 Resp: 466032

Ion Ratio Lower Upper

168 100

99 59.8 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

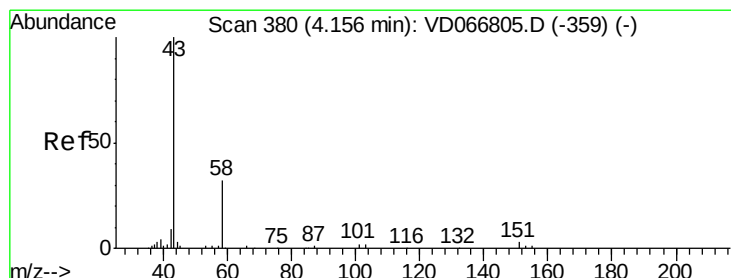
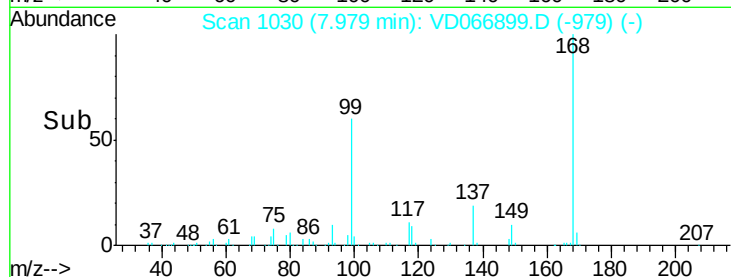
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 15.077 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066899.D

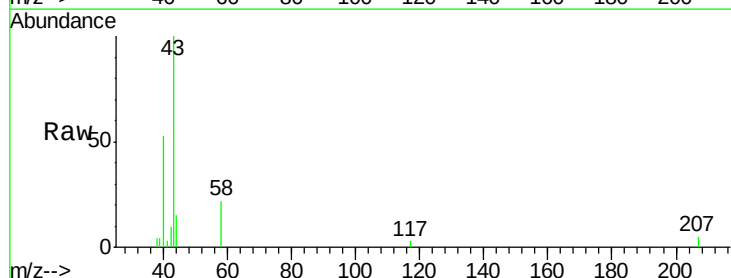
Acq: 26 Sep 2020 04:28

Tgt Ion: 43 Resp: 14589

Ion Ratio Lower Upper

43 100

58 21.8 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

6000

5000

4000

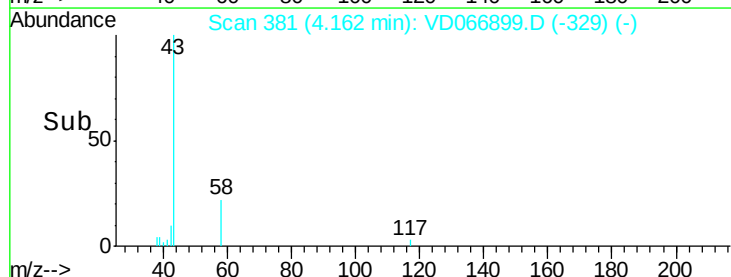
3000

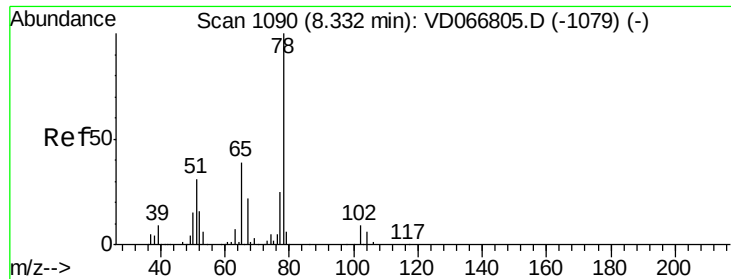
2000

1000

0

Time-->

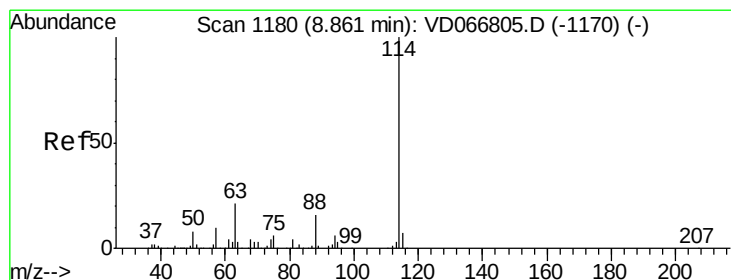
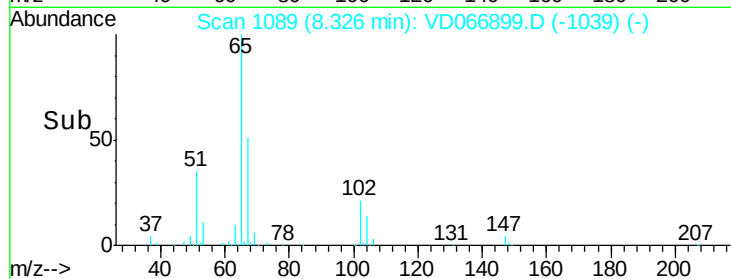
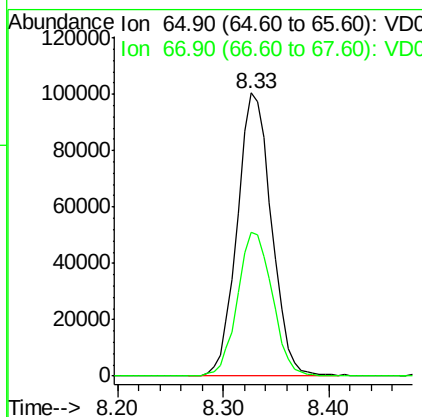
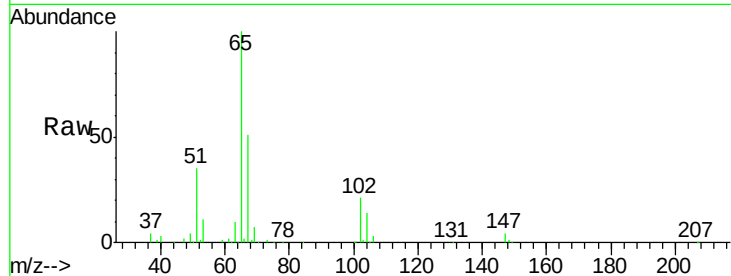




#33
 1,2-Dichloroethane-d4
 Concen: 49.583 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066899.D
 Acq: 26 Sep 2020 04:28

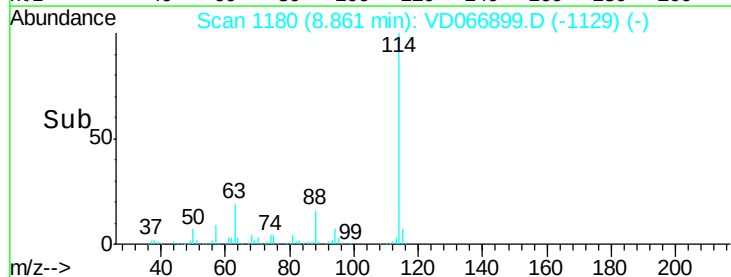
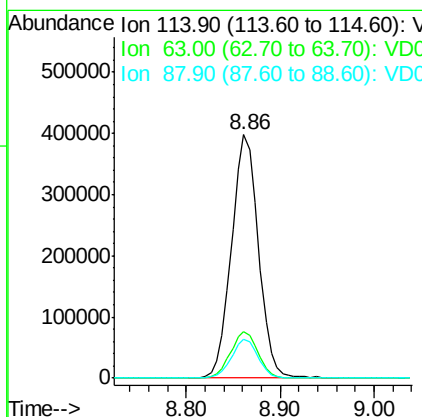
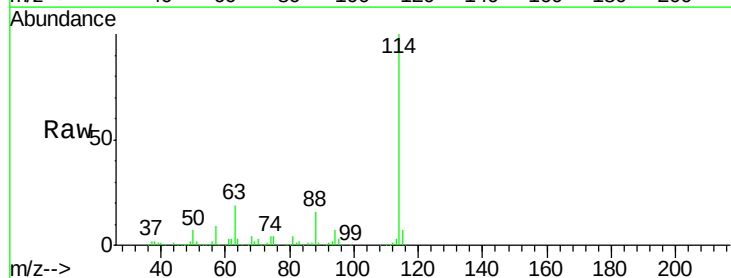
Instrument :
 MSVOA_D
 ClientSampleId :
 B-5(11-13)

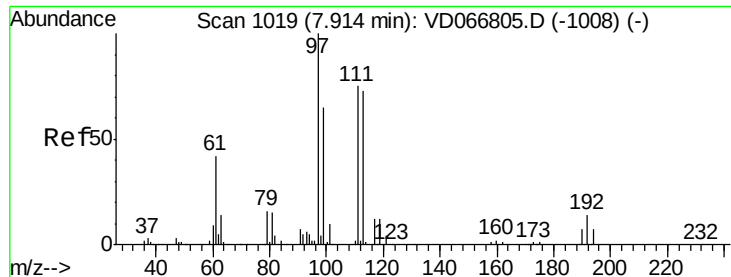
Tot Ion: 65 Resp: 226163
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066899.D
 Acq: 26 Sep 2020 04:28

Tgt Ion: 114 Resp: 793439
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.6
 88 15.9 0.0 32.6

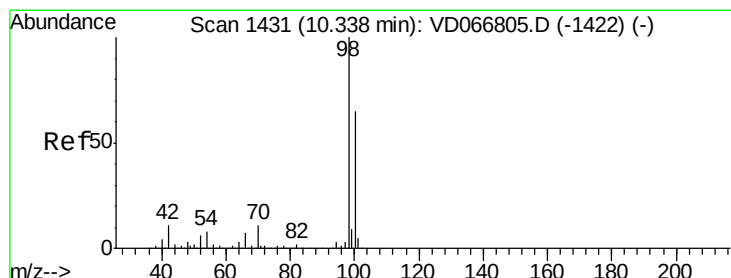
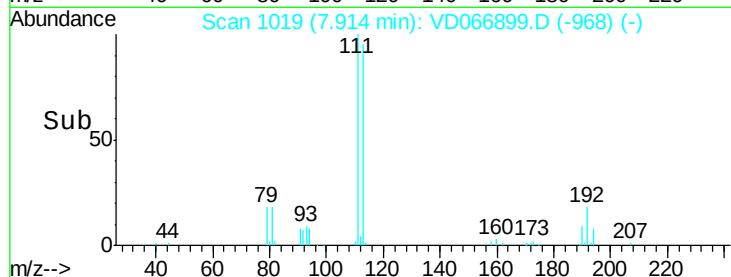
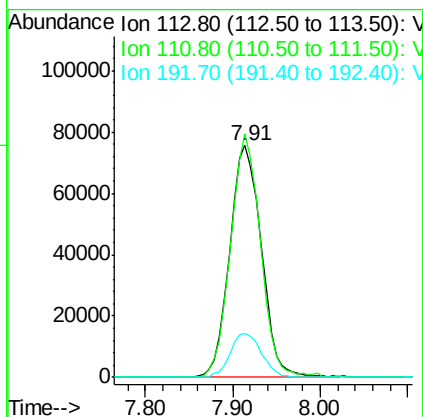
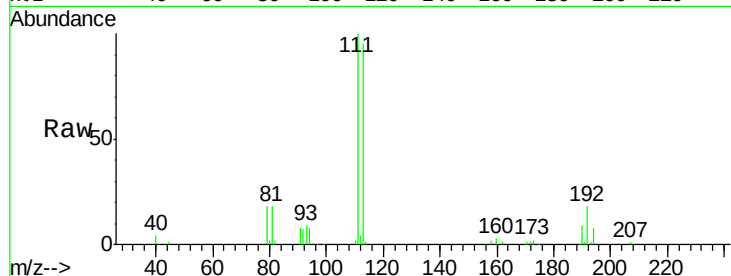




#35
 Dibromofluoromethane
 Concen: 36.823 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066899.D
 Acq: 26 Sep 2020 04:28

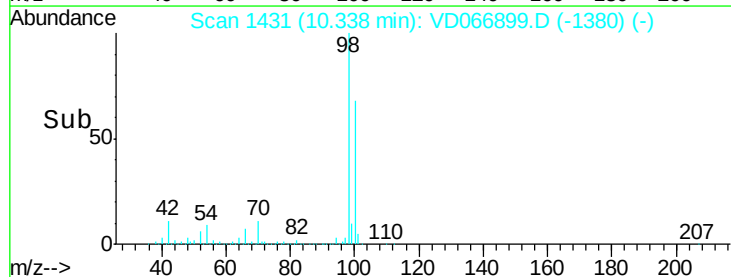
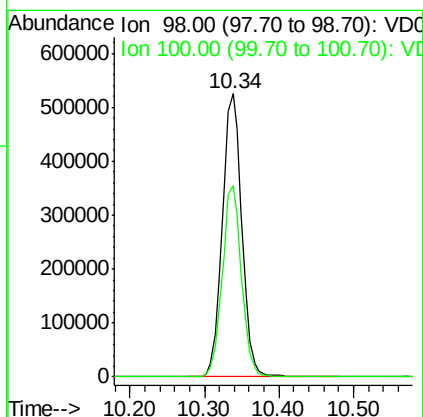
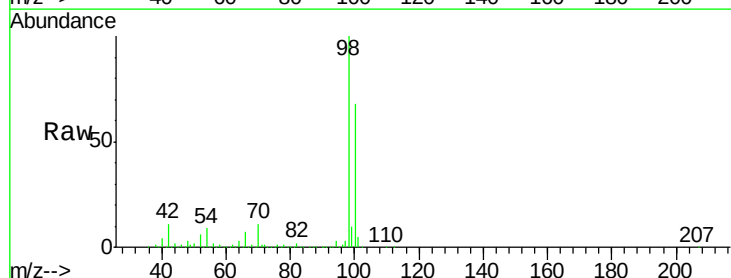
Instrument :
 MSVOA_D
 ClientSampleId :
 B-5(11-13)

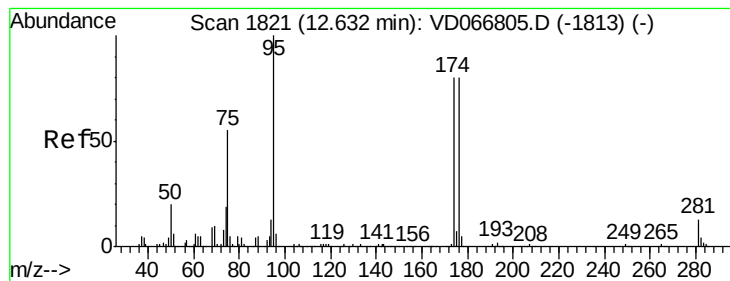
Tot Ion	Ratio	Lower	Upper
113	100		
111	99.5	81.8	122.8
192	18.8	14.4	21.6



#50
 Toluene-d8
 Concen: 55.701 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. 0.00 min
 Lab File: VD066899.D
 Acq: 26 Sep 2020 04:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 59.258 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VD066899.D

Acq: 26 Sep 2020 04:28

Instrument :

MSVOA_D

ClientSampleId :

B-5(11-13)

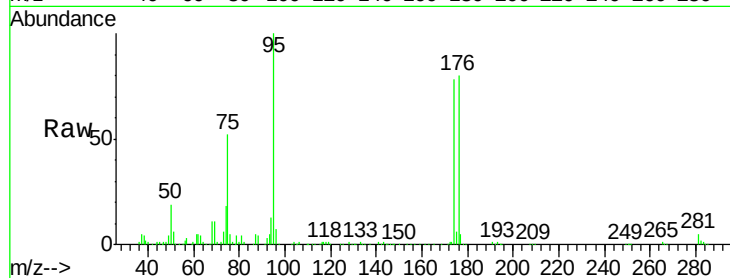
Tot Ion: 95 Resp: 348899

Ion Ratio Lower Upper

95 100

174 80.1 0.0 159.8

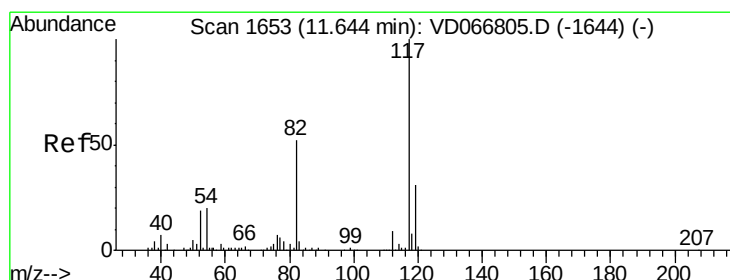
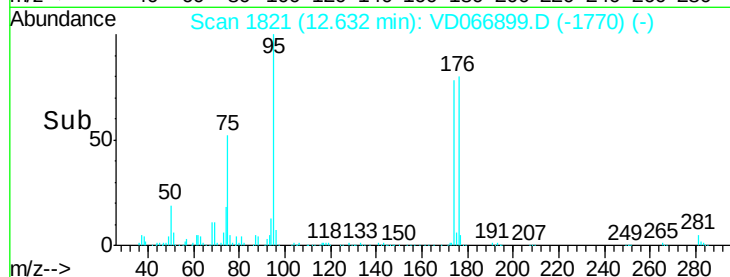
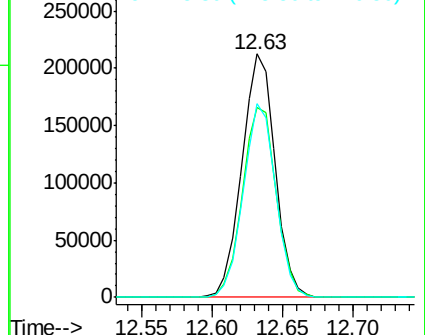
176 78.2 0.0 154.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.64 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VD066899.D

Acq: 26 Sep 2020 04:28

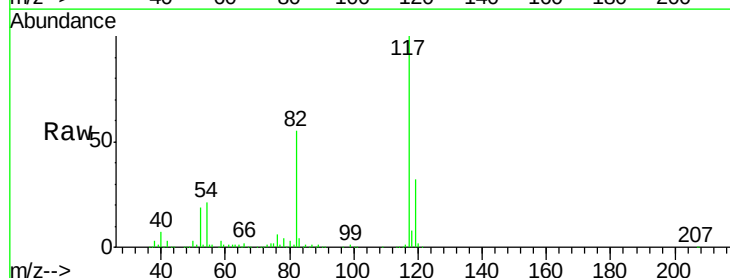
Tgt Ion: 117 Resp: 790936

Ion Ratio Lower Upper

117 100

82 54.7 41.8 62.6

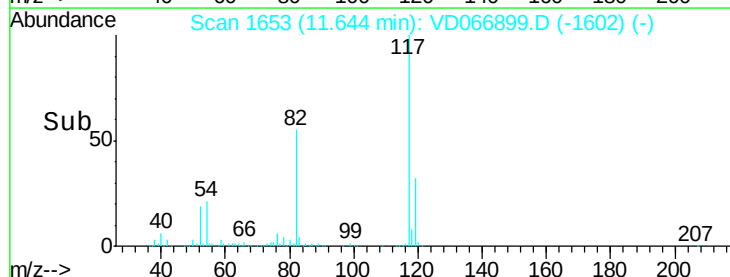
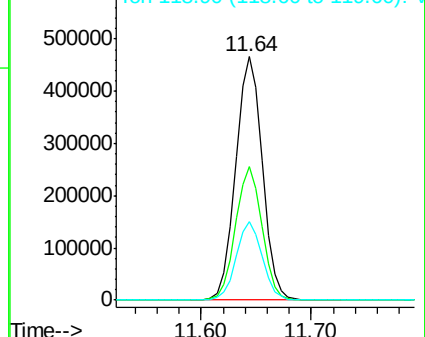
119 32.4 24.6 37.0

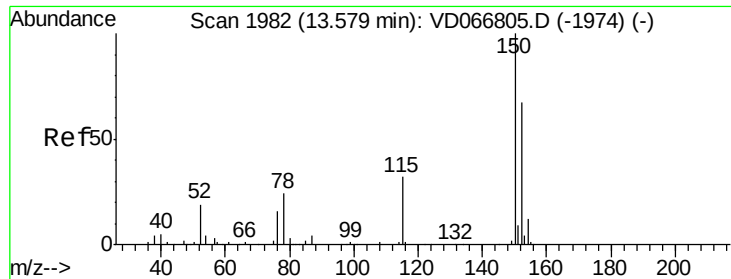


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

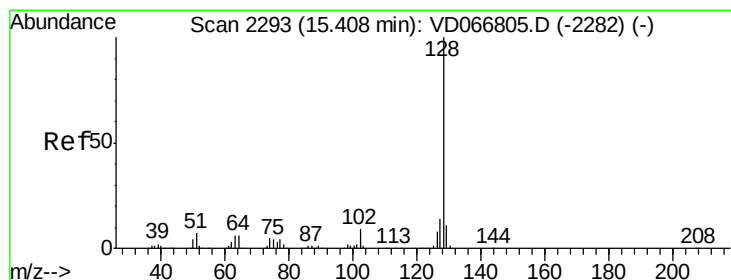
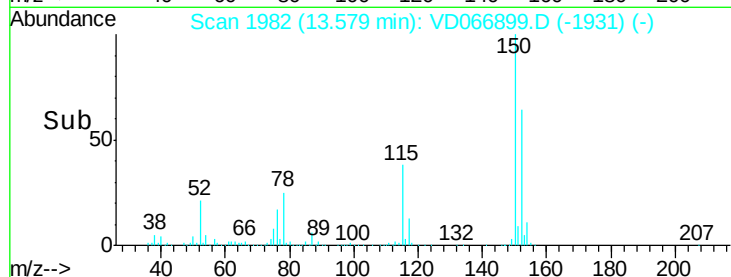
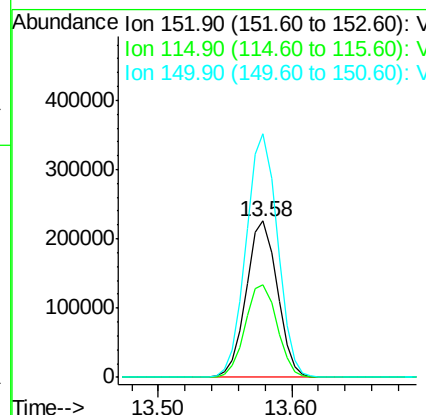
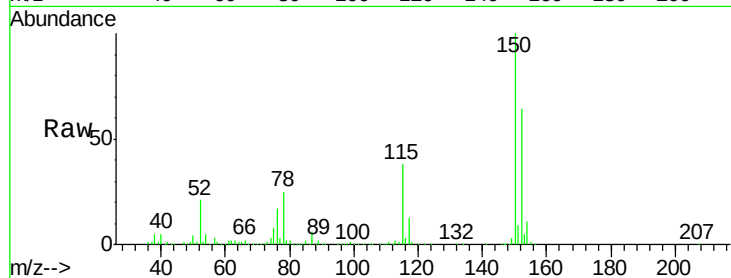




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD066899.D
 Acq: 26 Sep 2020 04:28

Instrument :
 MSVOA_D
 ClientSampleId :
 B-5(11-13)

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.3	91.0
150	157.2	0.0	346.2



#95
 Naphthalene
 Concen: 2.843 ug/l
 RT: 15.40 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: VD066899.D
 Acq: 26 Sep 2020 04:28

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.8	10.6	16.0
129	11.4	8.9	13.3

