

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092220\
 Data File : VD066817.D
 Acq On : 22 Sep 2020 18:07
 Operator : VA/SY
 Sample : L4099-05
 Misc : 6.72G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 031

Quant Time: Sep 23 02:53:11 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

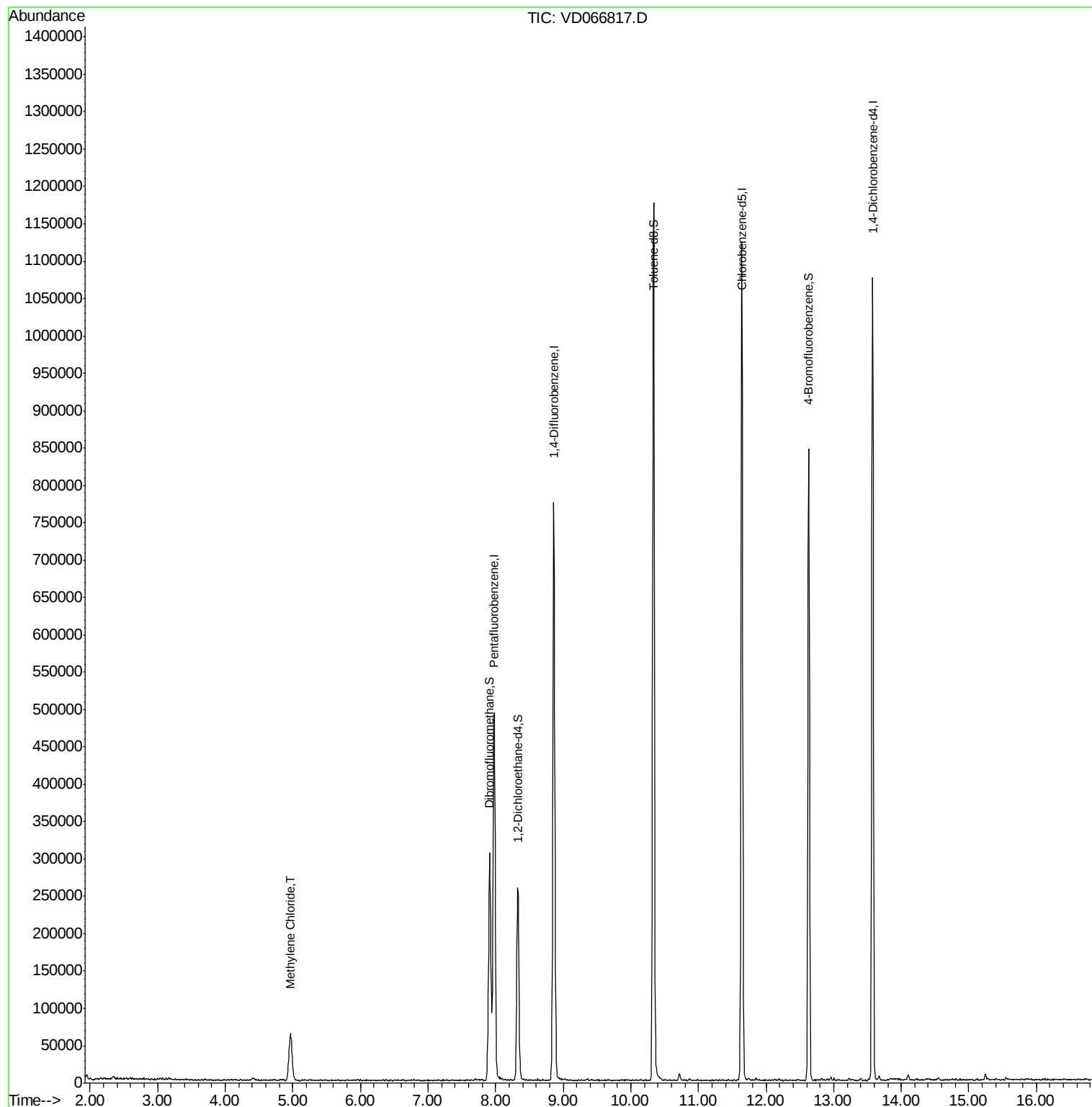
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	357632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	658227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	647465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	281832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	207696	59.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.68%	
35) Dibromofluoromethane	7.91	113	216552	51.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.42%	
50) Toluene-d8	10.34	98	799112	56.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.02%	
62) 4-Bromofluorobenzene	12.63	95	270317	55.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.68%	
Target Compounds						
20) Methylene Chloride	4.97	84	50729	7.738	ug/l	Qvalue 90

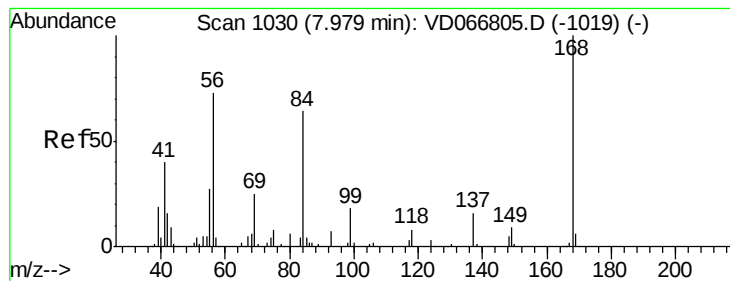
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066817.D

Acq: 22 Sep 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

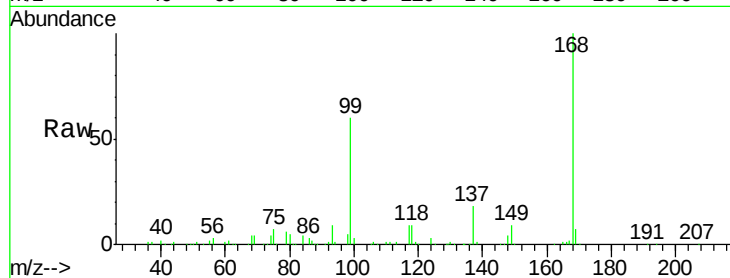
031

Tot Ion:168 Resp: 357632

Ion Ratio Lower Upper

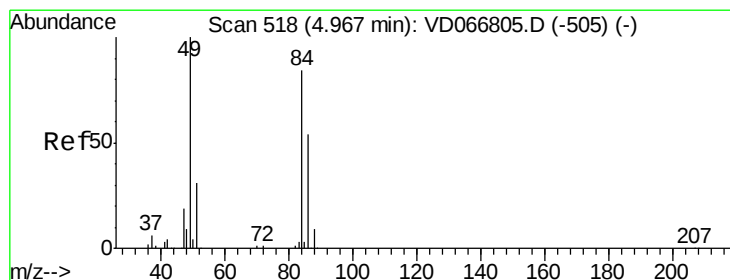
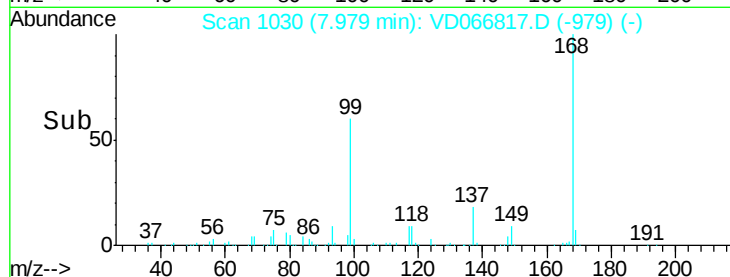
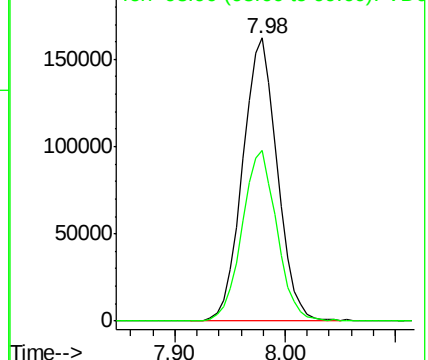
168 100

99 60.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#20

Methylene Chloride

Concen: 7.738 ug/l

RT: 4.97 min Scan# 519

Delta R.T. 0.01 min

Lab File: VD066817.D

Acq: 22 Sep 2020 18:07

Tgt Ion: 84 Resp: 50729

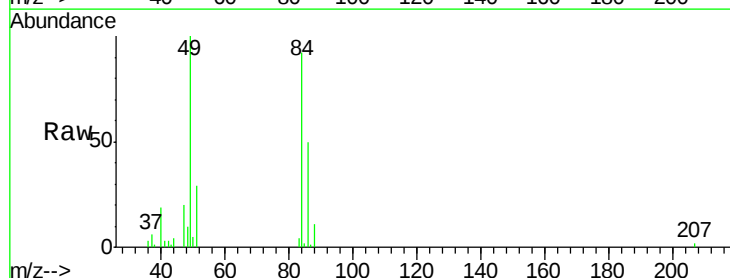
Ion Ratio Lower Upper

84 100

49 109.1 95.4 143.2

51 31.5 29.7 44.5

86 54.6 51.4 77.2

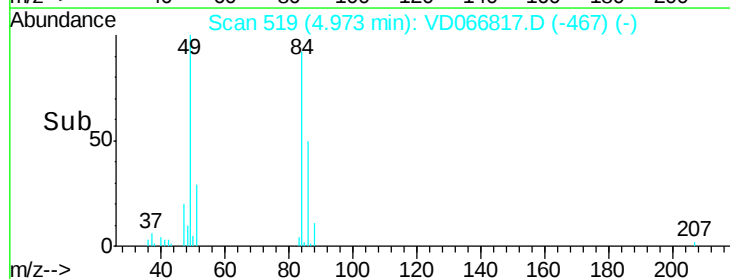
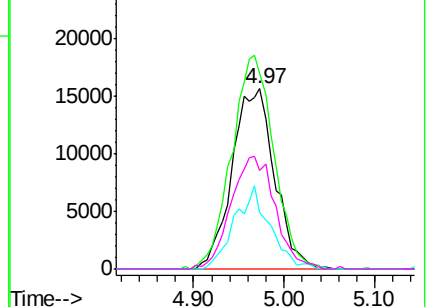


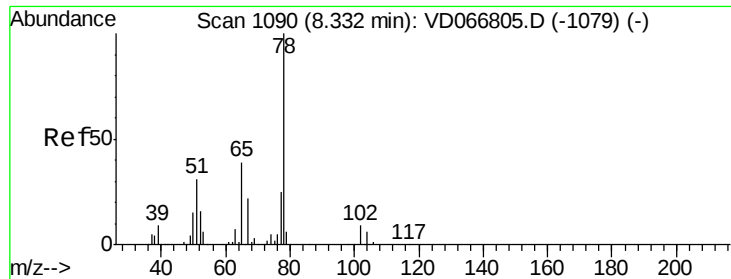
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

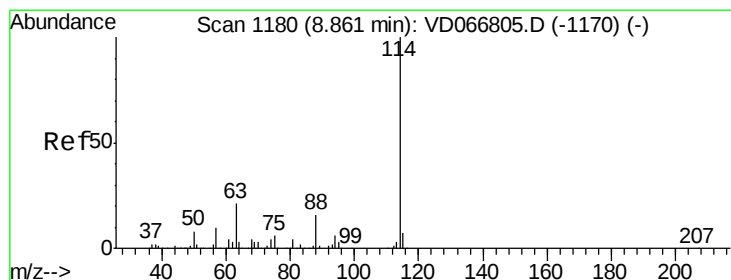
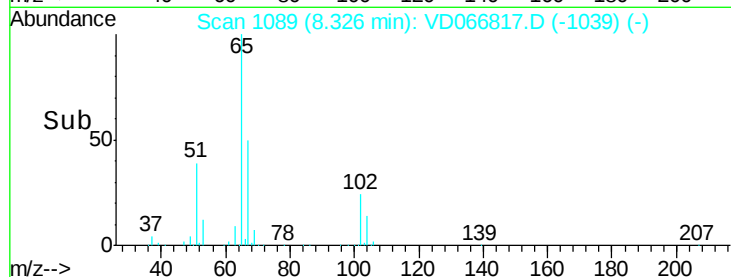
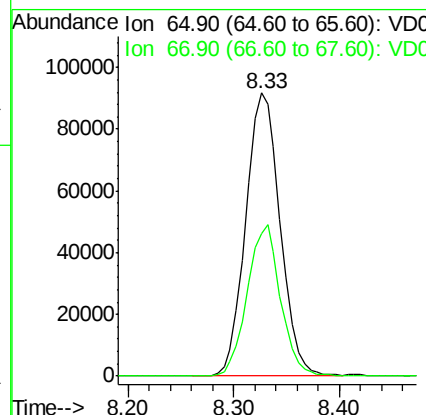
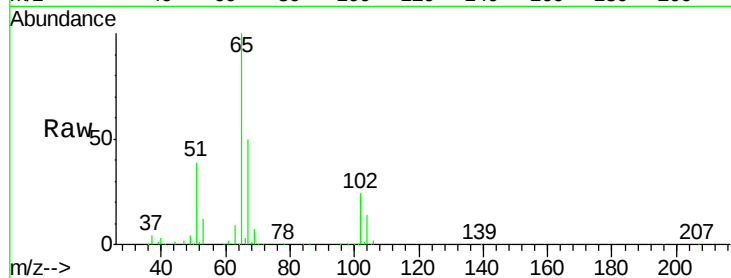




#33
 1,2-Dichloroethane-d4
 Concen: 59.336 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066817.D
 Acq: 22 Sep 2020 18:07

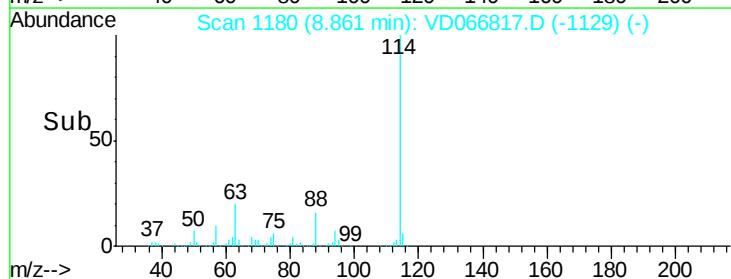
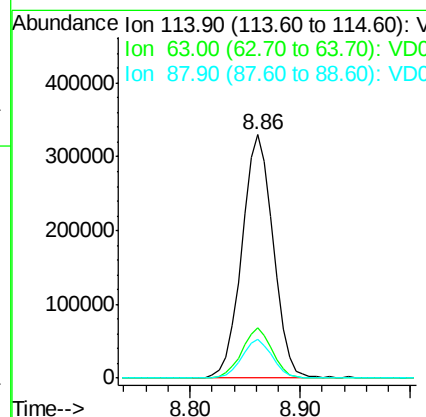
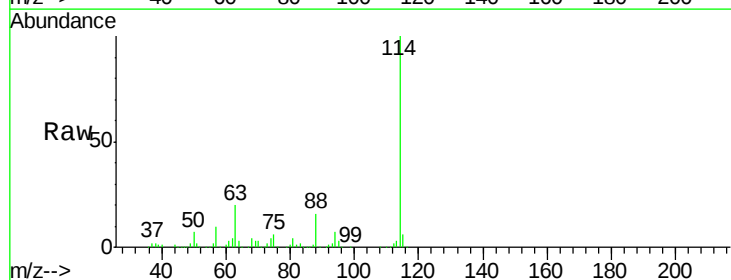
Instrument :
 MSVOA_D
 ClientSampled :
 031

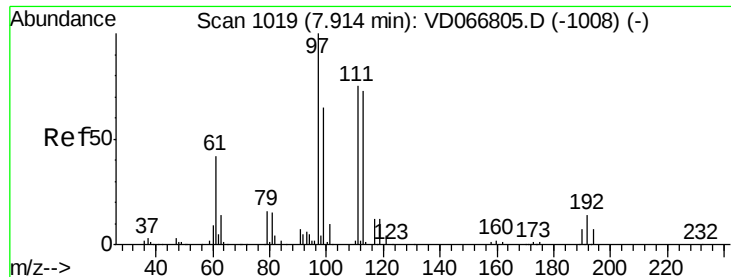
Tot Ion: 65 Resp: 207696
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066817.D
 Acq: 22 Sep 2020 18:07

Tgt Ion: 114 Resp: 658227
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.6
 88 16.0 0.0 32.6

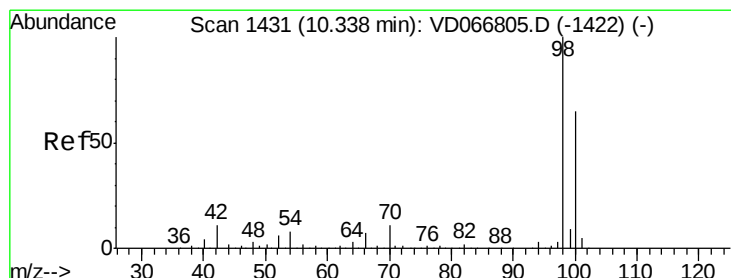
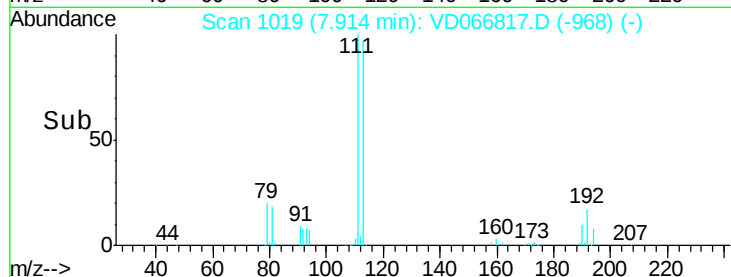
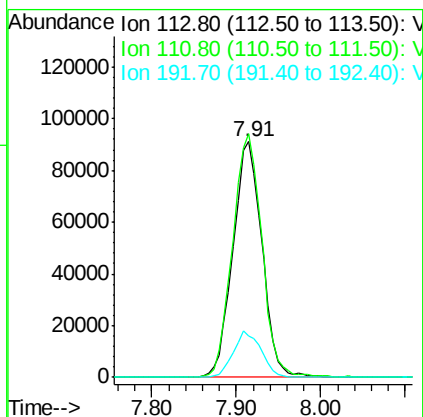
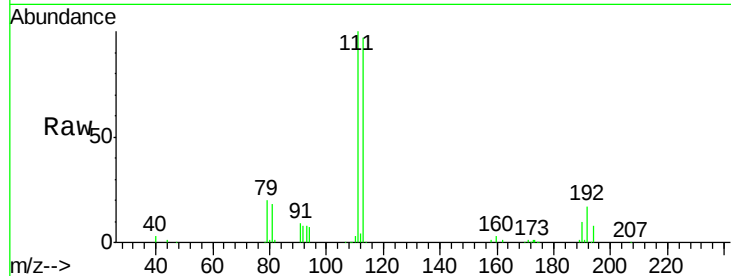




#35
Dibromofluoromethane
Concen: 51.712 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD066817.D
Acq: 22 Sep 2020 18:07

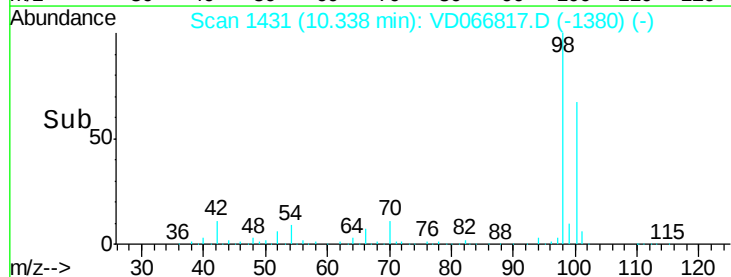
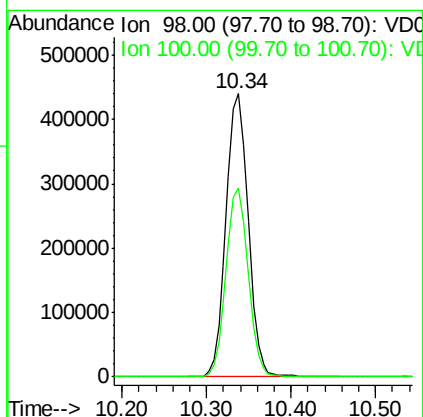
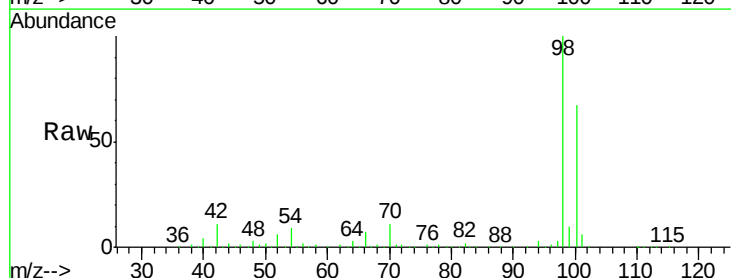
Instrument :
MSVOA_D
ClientSampleId :
031

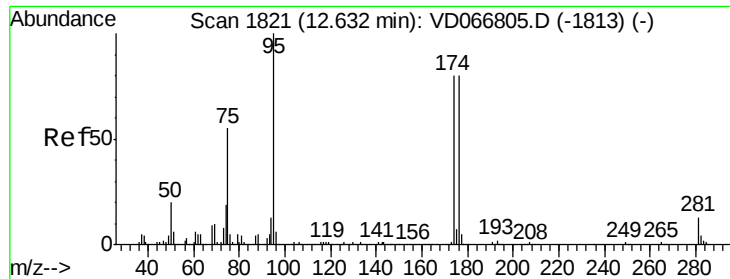
Tot Ion:113 Resp: 216552
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.8
192 18.9 14.4 21.6



#50
Toluene-d8
Concen: 56.007 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066817.D
Acq: 22 Sep 2020 18:07

Tgt Ion: 98 Resp: 799112
Ion Ratio Lower Upper
98 100
100 66.7 52.2 78.2

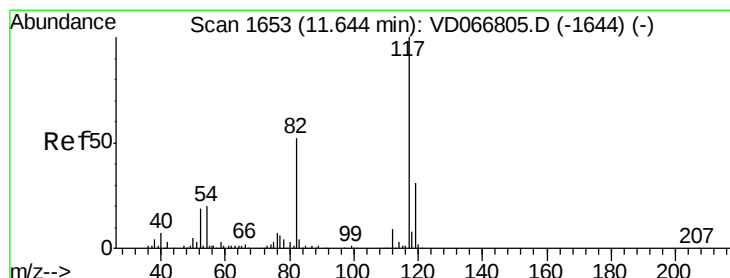
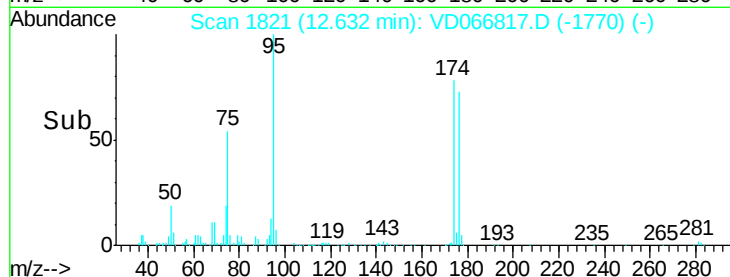
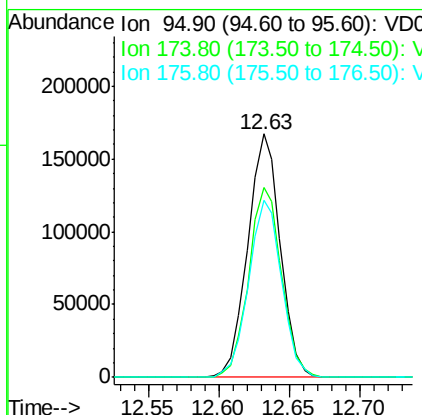
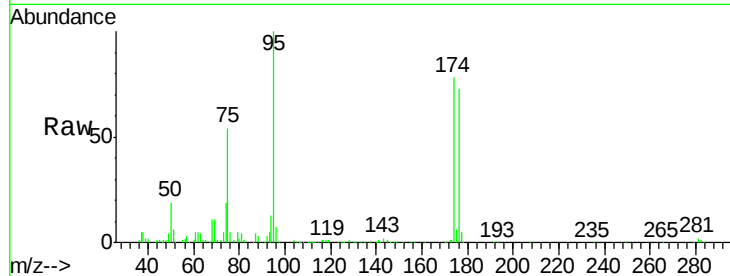




#62
4-Bromofluorobenzene
Concen: 55.342 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066817.D
Acq: 22 Sep 2020 18:07

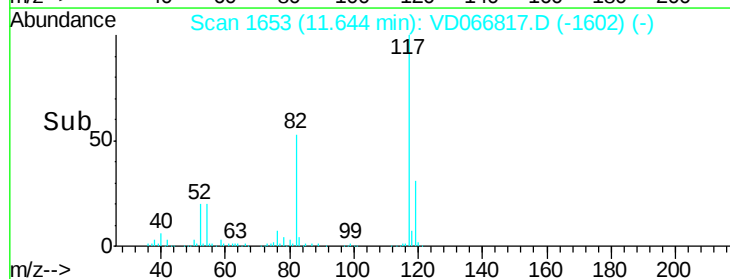
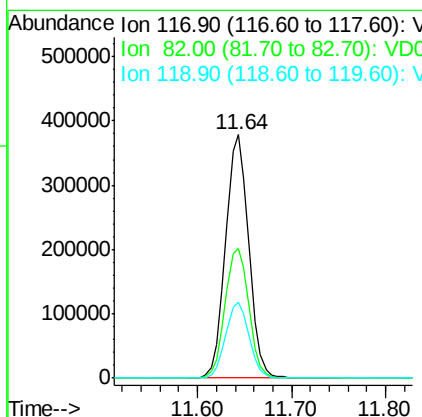
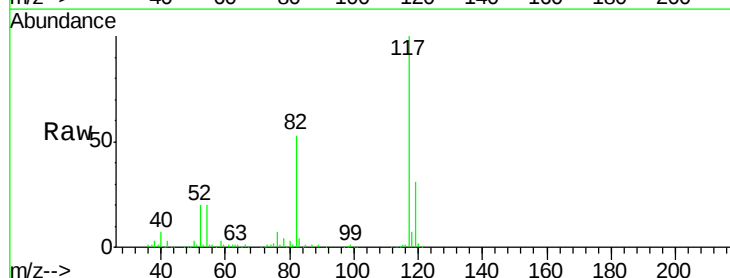
Instrument :
MSVOA_D
ClientSampleId :
031

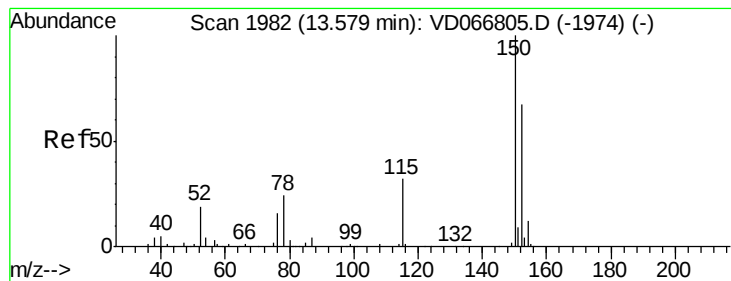
Tot Ion	95	Resp	270317
Ion Ratio	Lower	Upper	
95	100		
174	78.8	0.0	159.8
176	73.9	0.0	154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066817.D
Acq: 22 Sep 2020 18:07

Tgt Ion	117	Resp	647465
Ion Ratio	Lower	Upper	
117	100		
82	53.2	41.8	62.6
119	31.4	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: VD066817.D

Acq: 22 Sep 2020 18:07

Instrument :

MSVOA_D

ClientSampleId :

031

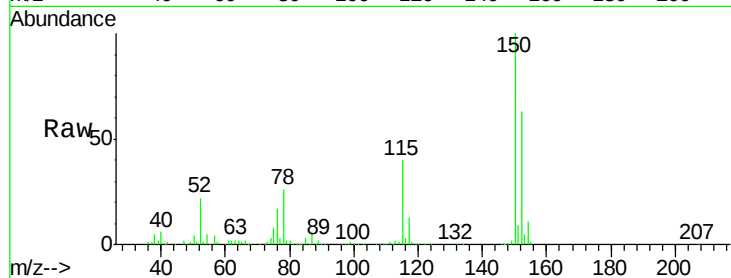
Tot Ion:152 Resp: 281832

Ion Ratio Lower Upper

152 100

115 60.5 30.3 91.0

150 157.5 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

