

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066106.D
 Acq On : 30 Jul 2020 12:51
 Operator : VA/SY
 Sample : L3489-12
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-12

Quant Time: Jul 31 02:54:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

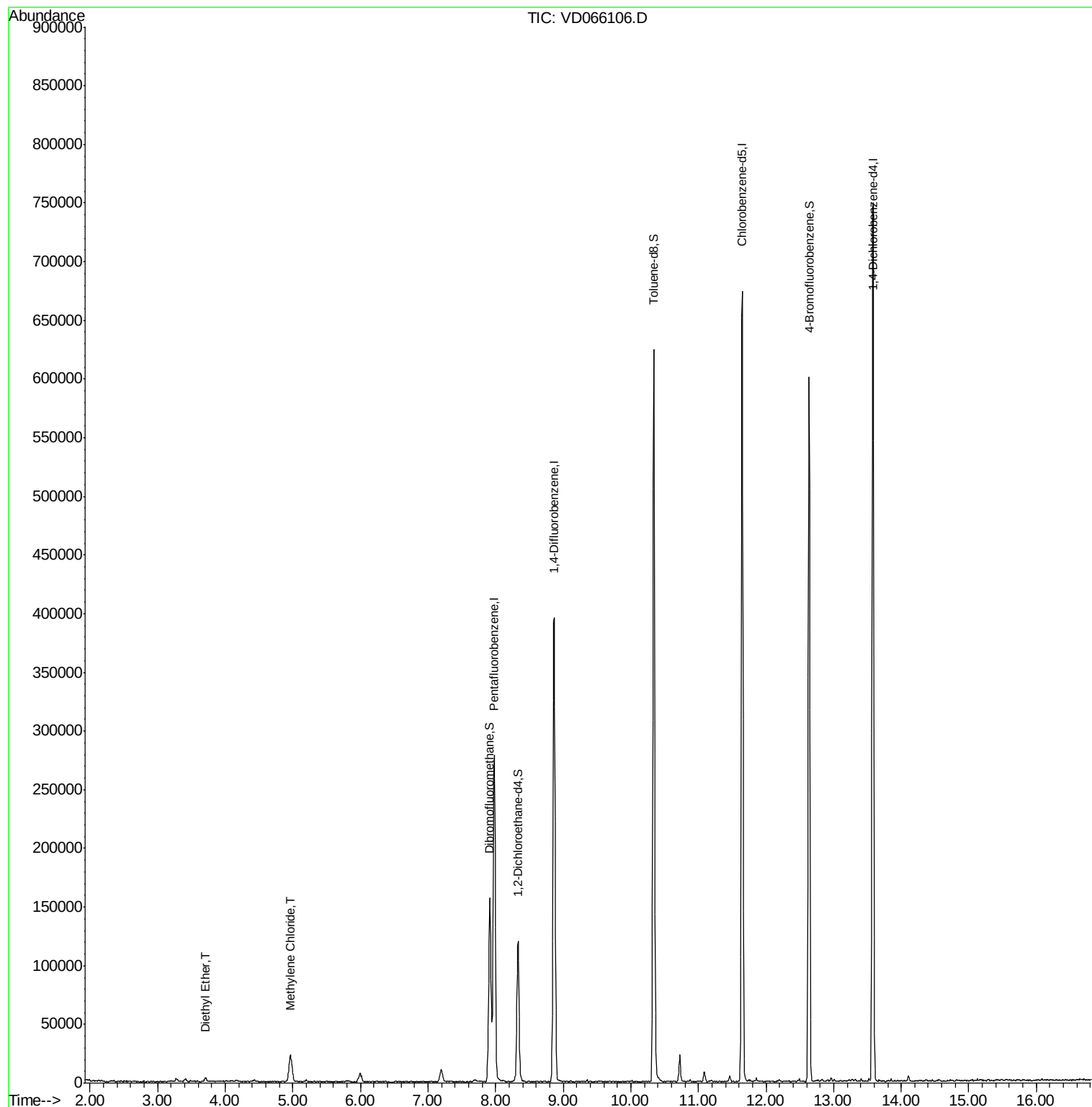
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	221209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	357352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	391637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	213685	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	98814	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
35) Dibromofluoromethane	7.91	113	108483	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
50) Toluene-d8	10.34	98	434606	53.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.66%	
62) 4-Bromofluorobenzene	12.64	95	178427	63.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.46%	
Target Compounds						
8) Diethyl Ether	3.70	74	1643	1.873	ug/l	50
20) Methylene Chloride	4.96	84	18737	6.735	ug/l #	84

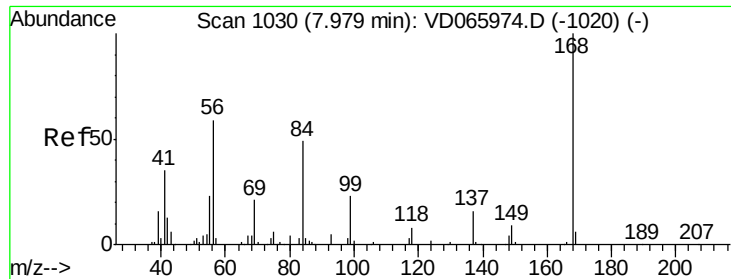
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Acq: 30 Jul 2020 12:51

Instrument :

MSVOA_D

ClientSampleId :

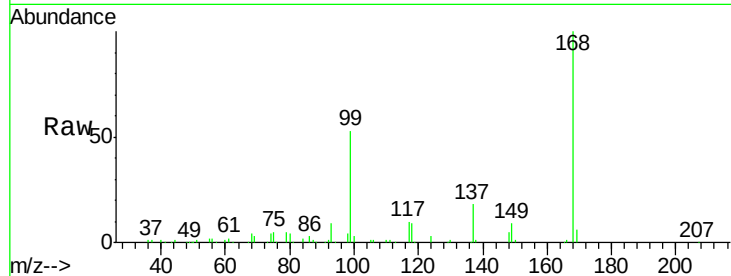
CS-12

Tot Ion:168 Resp: 221209

Ion Ratio Lower Upper

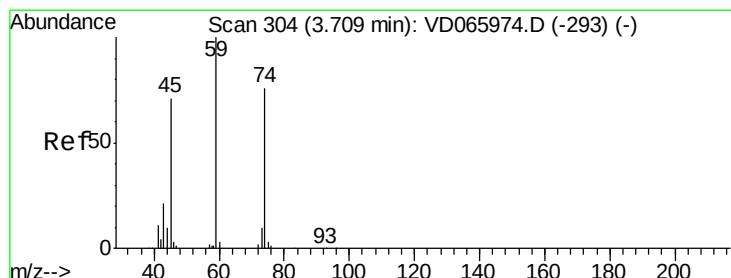
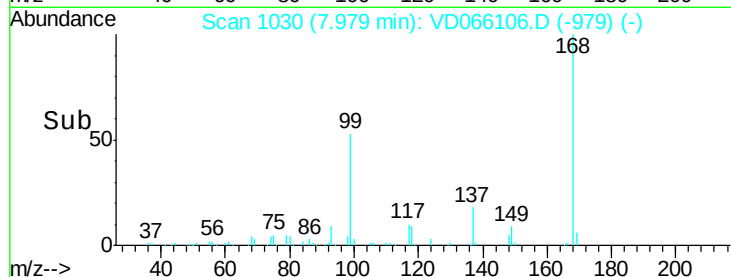
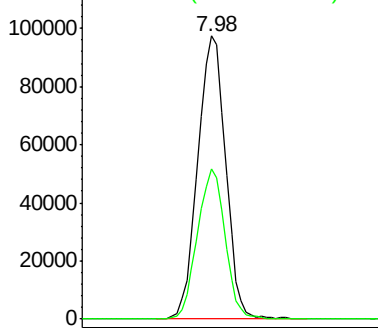
168 100

99 53.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#8

Diethyl Ether

Concen: 1.873 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD066106.D

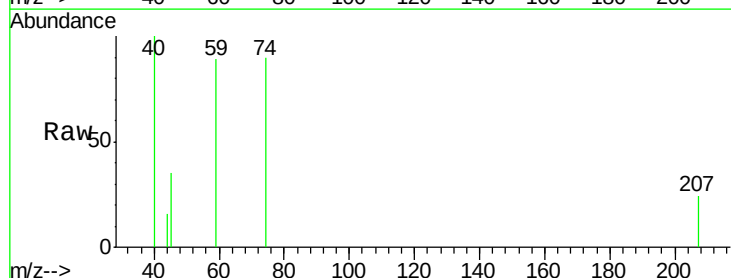
Acq: 30 Jul 2020 12:51

Tgt Ion: 74 Resp: 1643

Ion Ratio Lower Upper

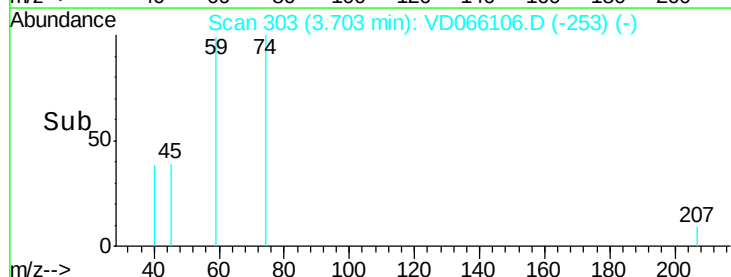
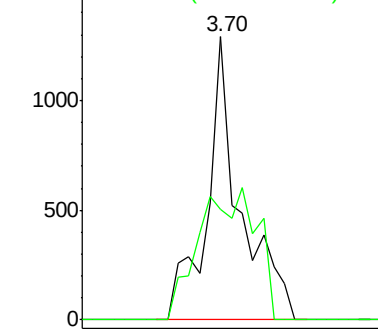
74 100

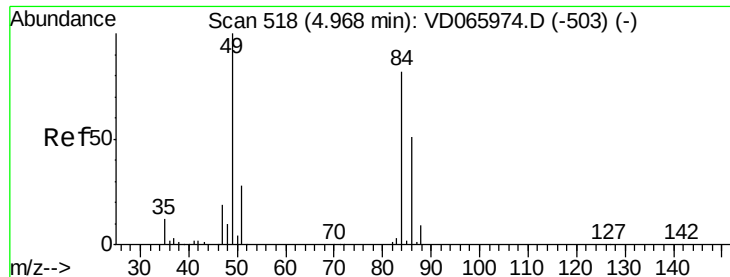
45 50.0 49.9 149.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC

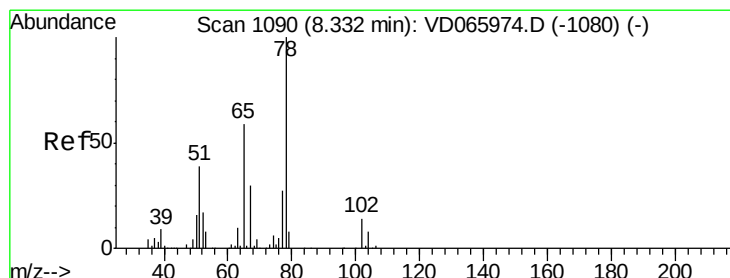
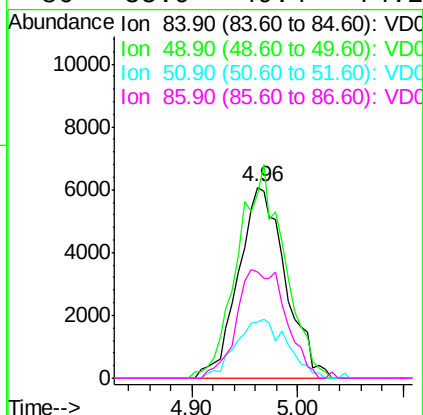
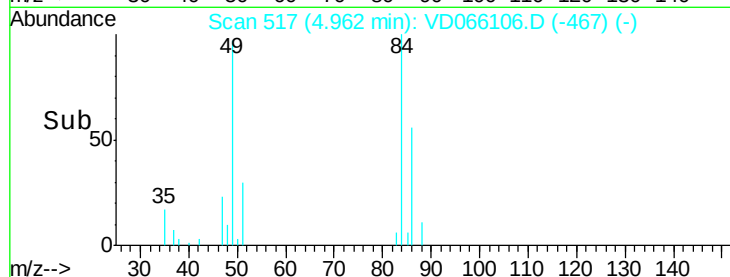
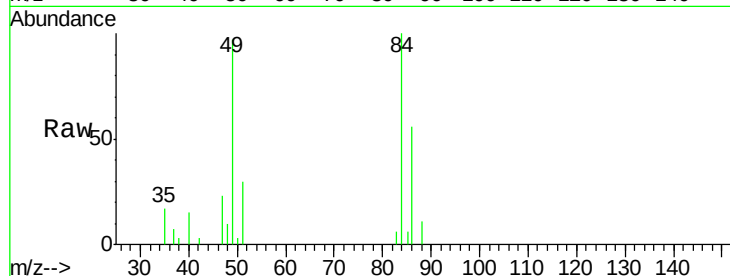




#20
Methylene Chloride
Concen: 6.735 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066106.D
Acq: 30 Jul 2020 12:51

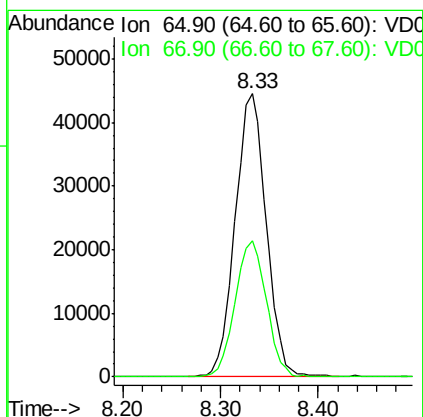
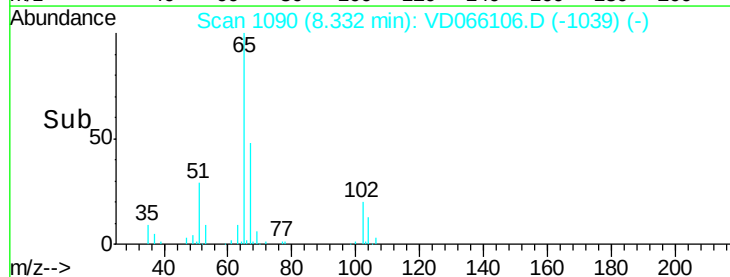
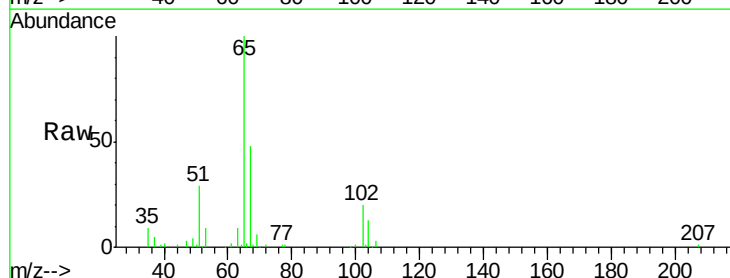
Instrument :
MSVOA_D
ClientSampleId :
CS-12

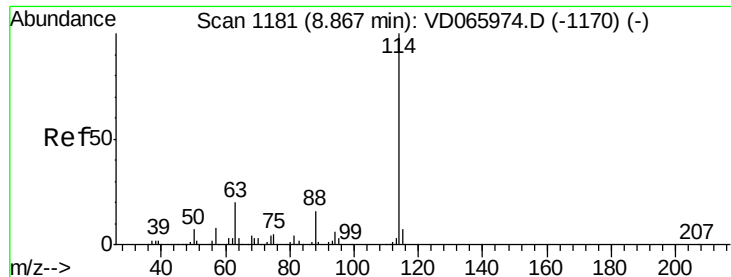
Tot Ion: 84 Resp: 18737
Ion Ratio Lower Upper
84 100
49 96.8 97.7 146.5#
51 29.8 27.4 41.2
86 55.9 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 54.898 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066106.D
Acq: 30 Jul 2020 12:51

Tgt Ion: 65 Resp: 98814
Ion Ratio Lower Upper
65 100
67 48.3 0.0 105.0

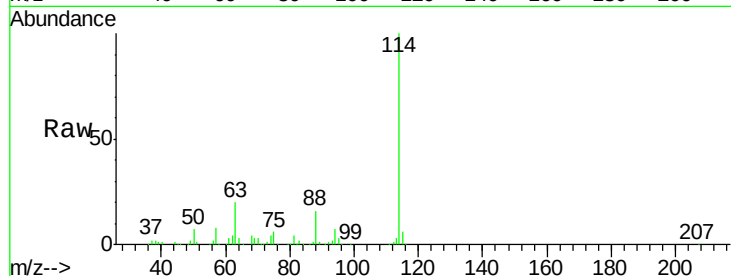




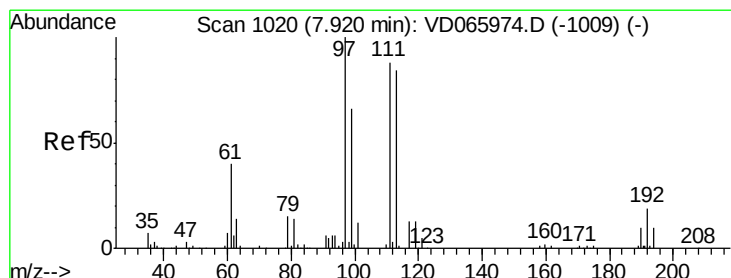
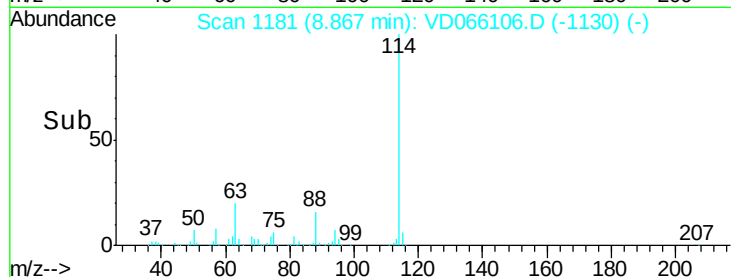
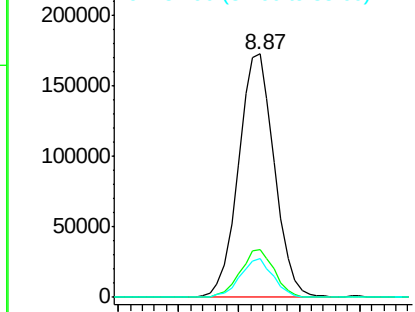
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD066106.D
 Acq: 30 Jul 2020 12:51

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-12

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.6
88	15.8	0.0	31.2

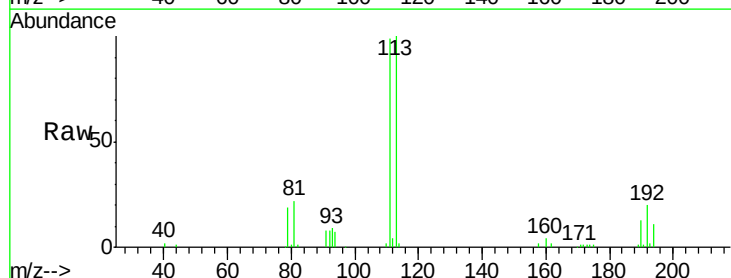


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

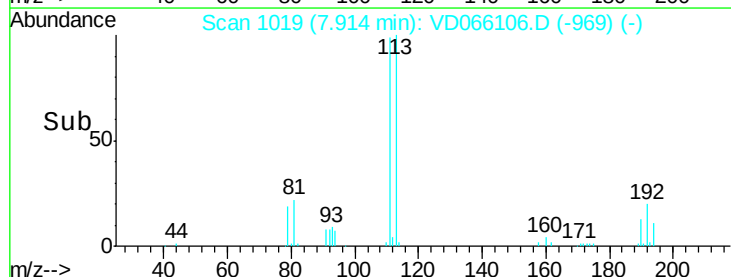
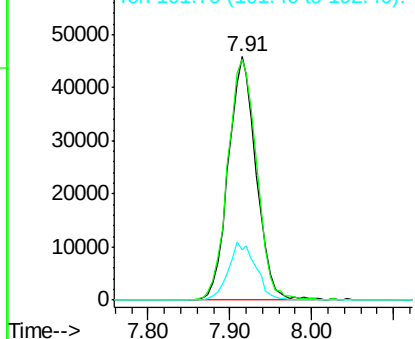


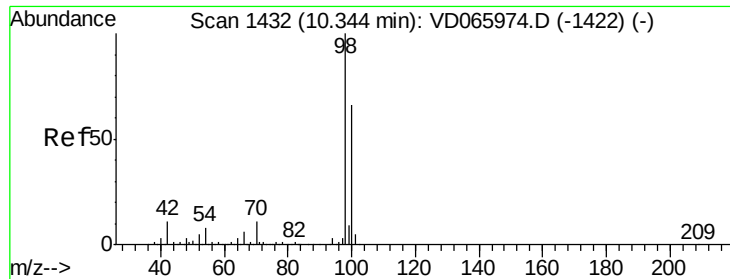
#35
 Dibromofluoromethane
 Concen: 50.051 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066106.D
 Acq: 30 Jul 2020 12:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.2	124.8
192	23.4	18.7	28.1



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

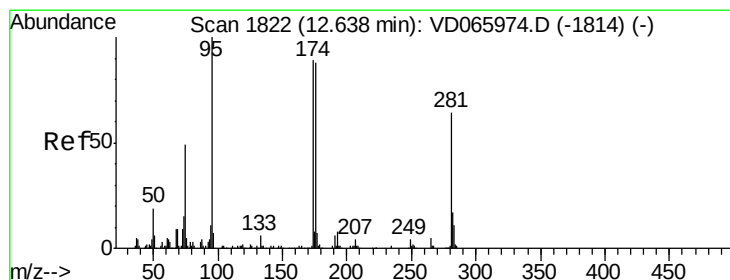
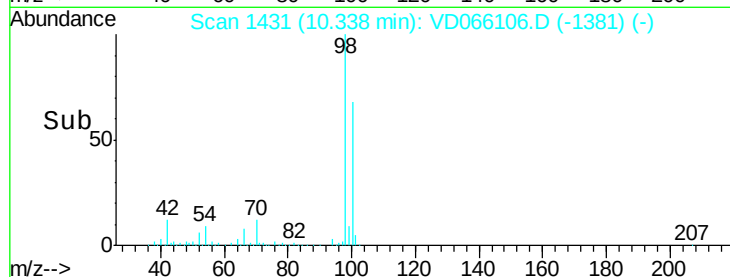
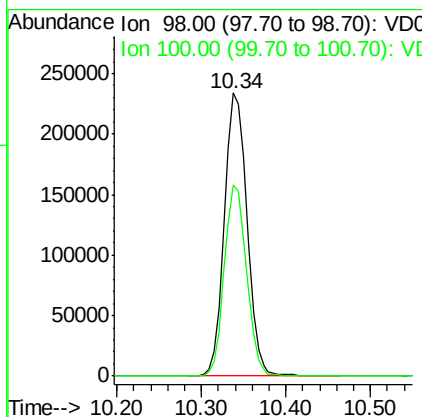
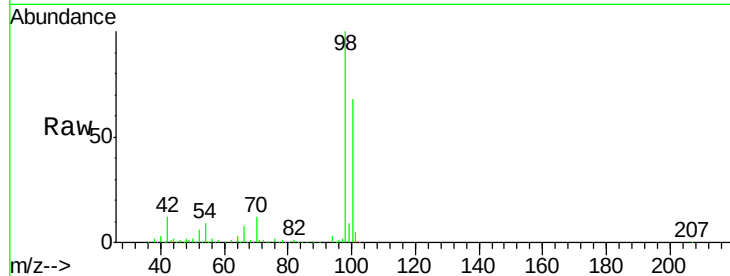




#50
Toluene-d8
Concen: 53.826 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066106.D
Acq: 30 Jul 2020 12:51

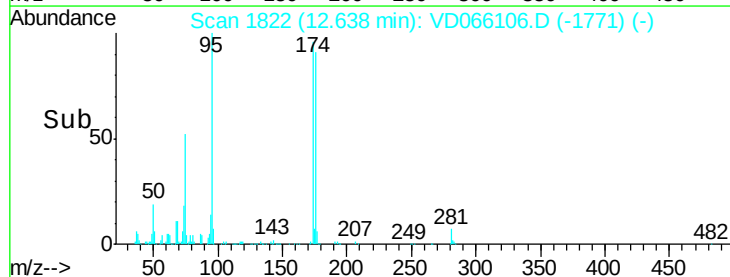
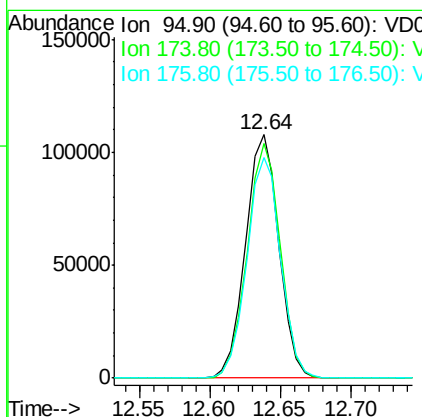
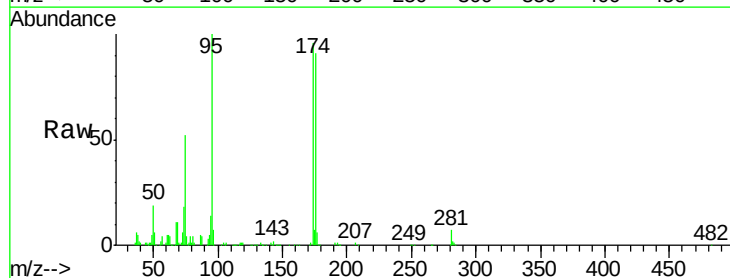
Instrument :
MSVOA_D
ClientSampleId :
CS-12

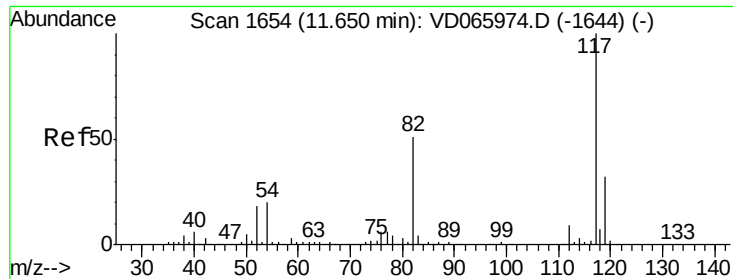
Tot Ion: 98 Resp: 434606
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 63.731 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD066106.D
Acq: 30 Jul 2020 12:51

Tgt Ion: 95 Resp: 178427
Ion Ratio Lower Upper
95 100
174 95.9 0.0 178.8
176 91.7 0.0 172.6

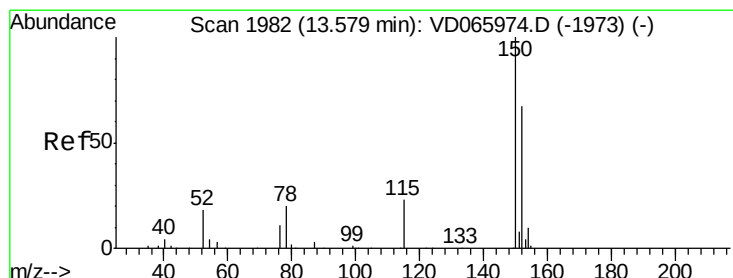
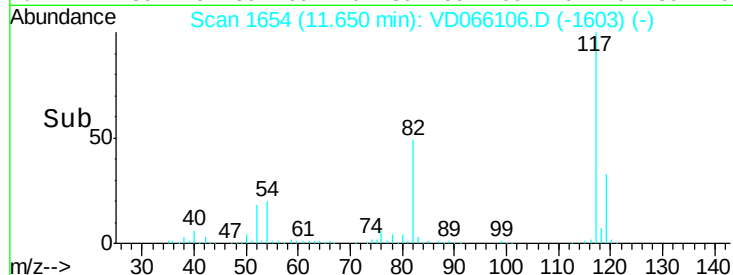
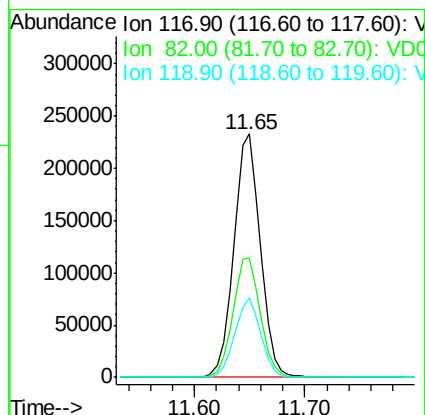
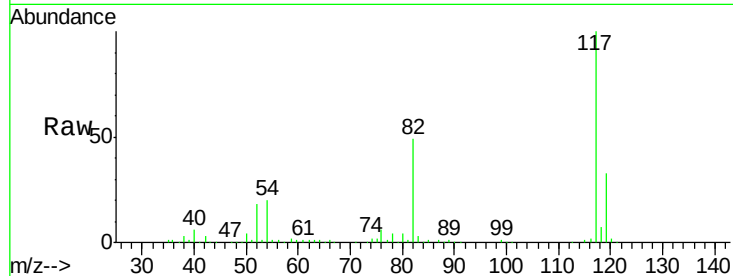




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD066106.D
Acq: 30 Jul 2020 12:51

Instrument :
MSVOA_D
ClientSampleId :
CS-12

Tot Ion:117 Resp: 391637
Ion Ratio Lower Upper
117 100
82 49.0 41.1 61.7
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066106.D
Acq: 30 Jul 2020 12:51

Tgt Ion:152 Resp: 213685
Ion Ratio Lower Upper
152 100
115 55.0 27.9 83.7
150 155.5 0.0 348.2

