

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072920\
 Data File : VD066096.D
 Acq On : 29 Jul 2020 18:22
 Operator : VA/SY
 Sample : L3489-12
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-12

Quant Time: Jul 30 02:19:24 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

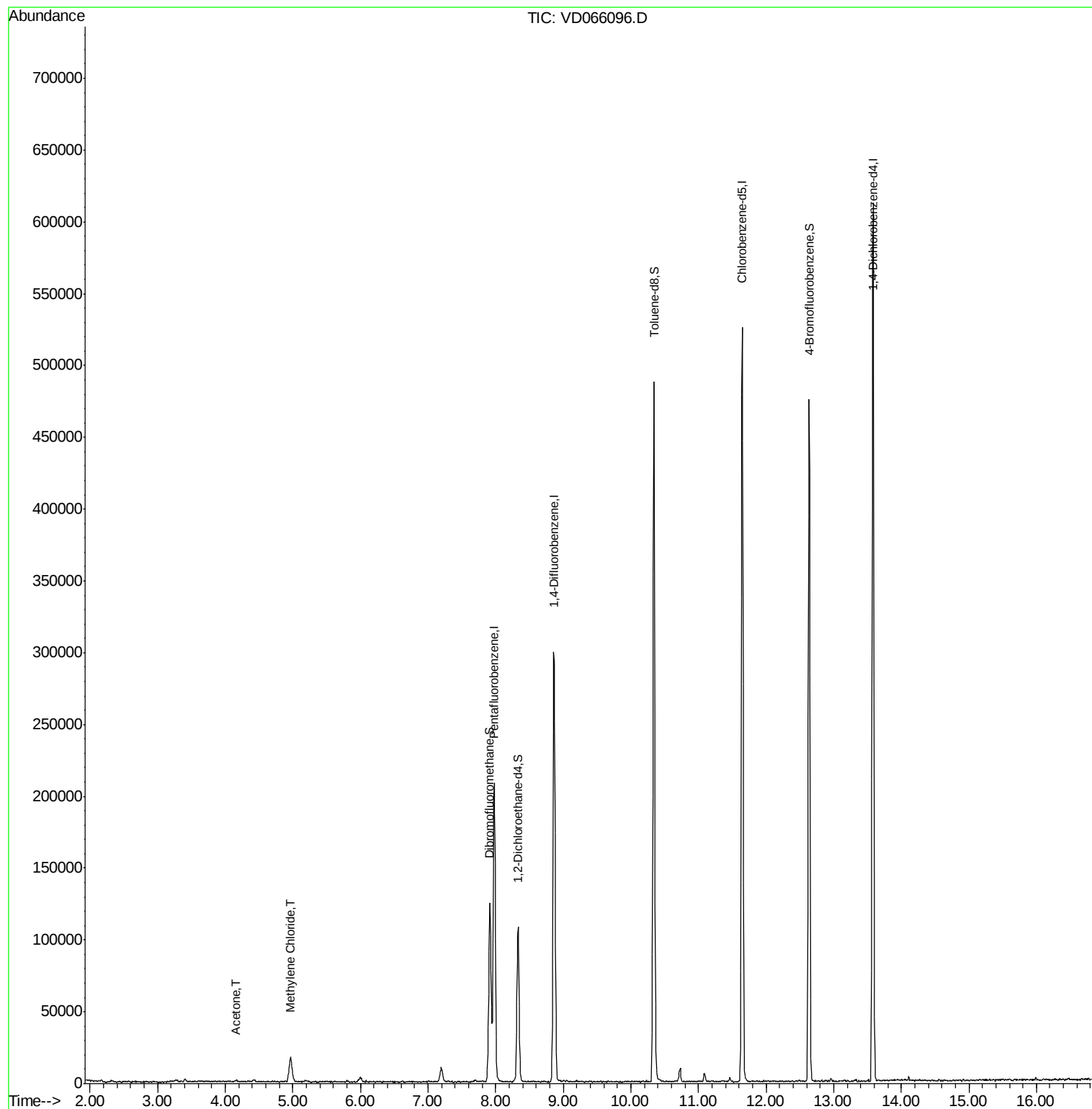
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	163458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	269718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	311219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	170981	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	87291	65.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.26%	
35) Dibromofluoromethane	7.91	113	90182	55.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.26%	
50) Toluene-d8	10.34	98	333529	54.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.46%	
62) 4-Bromofluorobenzene	12.64	95	147407	69.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	139.52%	
Target Compounds						
16) Acetone	4.16	43	2307	8.569	ug/l	89
20) Methylene Chloride	4.97	84	12930	6.081	ug/l	86

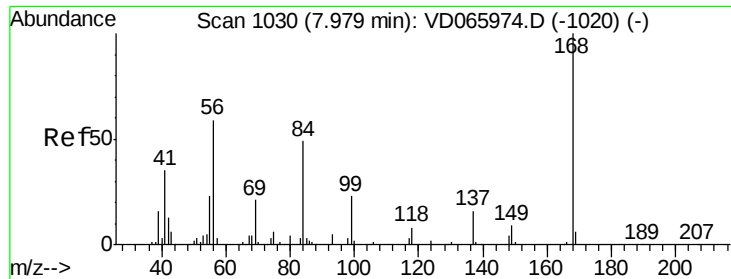
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066096.D

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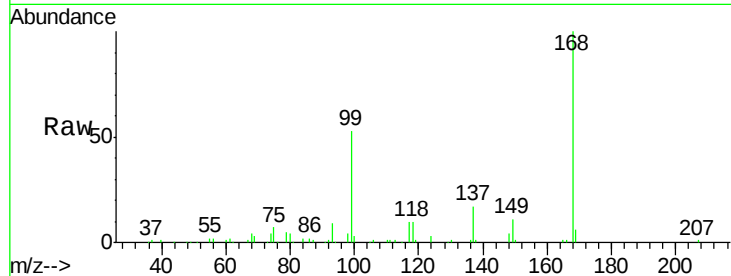
CS-12

Tot Ion:168 Resp: 163458

Ion Ratio Lower Upper

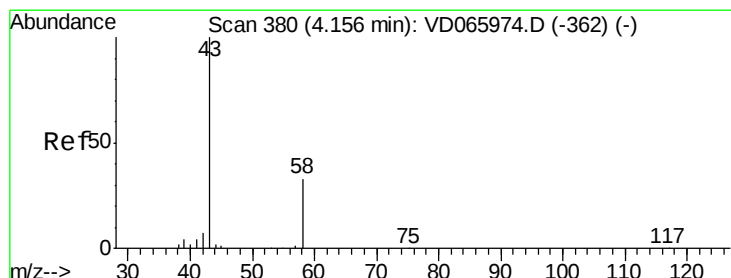
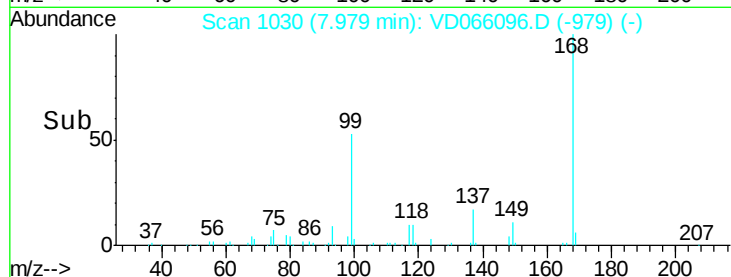
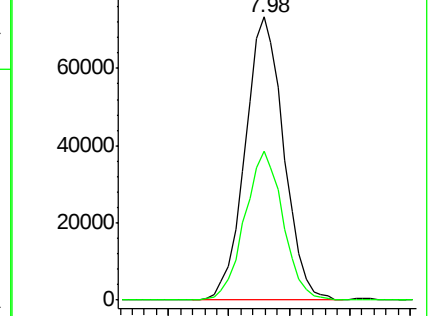
168 100

99 52.8 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 8.569 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066096.D

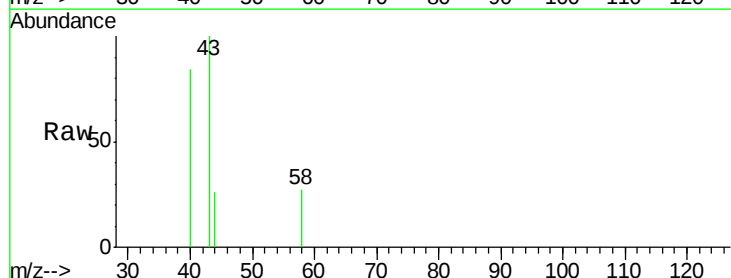
Acq: 29 Jul 2020 18:22

Tgt Ion: 43 Resp: 2307

Ion Ratio Lower Upper

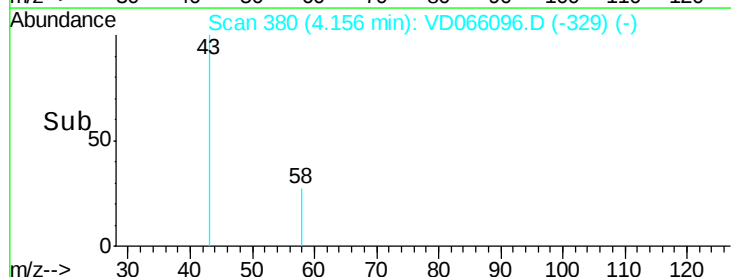
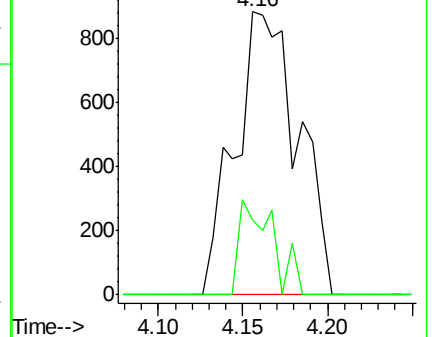
43 100

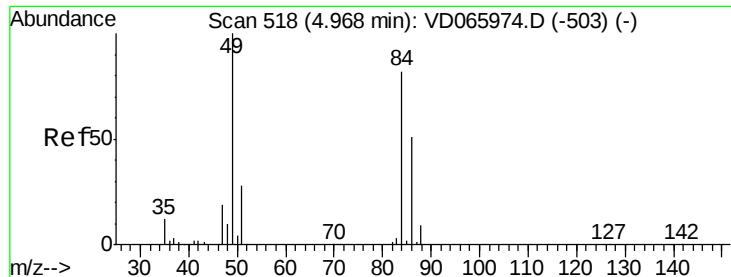
58 26.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

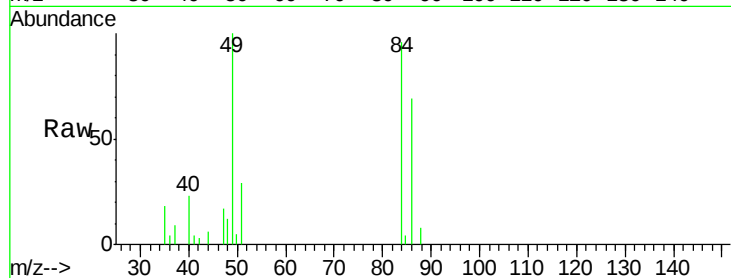




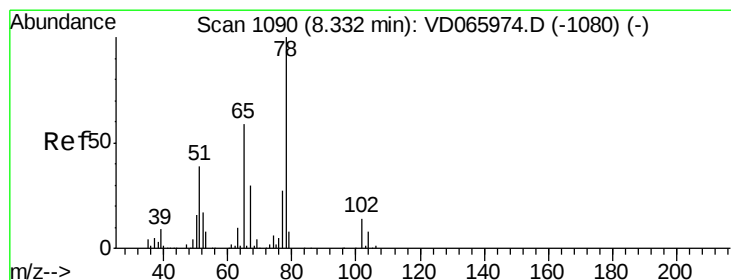
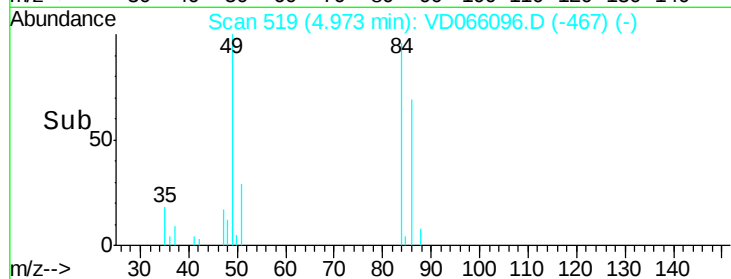
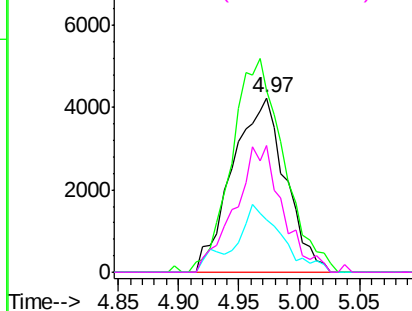
#20
Methvlene Chloride
Concen: 6.081 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD066096.D
Acq: 29 Jul 2020 18:22

Instrument :
MSVOA_D
ClientSampleId :
CS-12

Tot Ion: 84 Resp: 12930
Ion Ratio Lower Upper
84 100
49 104.5 97.7 146.5
51 30.2 27.4 41.2
86 72.6 49.4 74.2

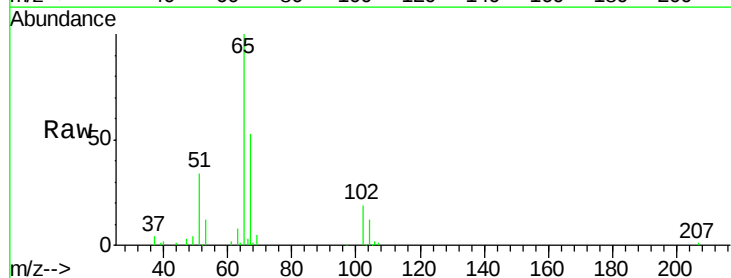


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

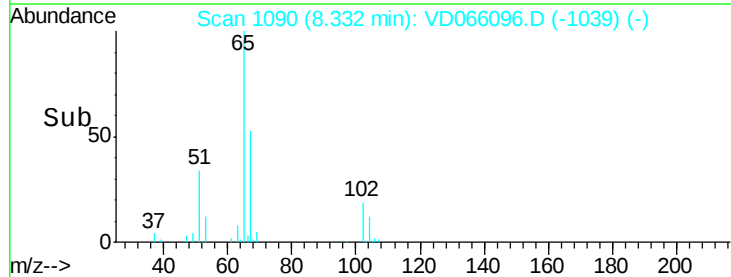
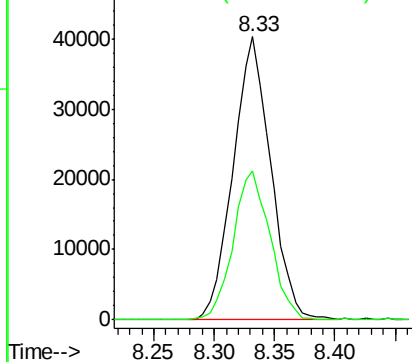


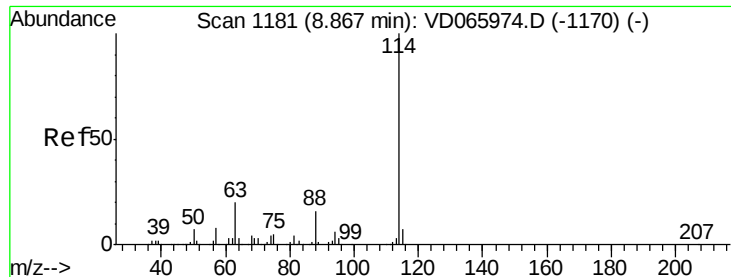
#33
1,2-Dichloroethane-d4
Concen: 65.630 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.00 min
Lab File: VD066096.D
Acq: 29 Jul 2020 18:22

Tgt Ion: 65 Resp: 87291
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC

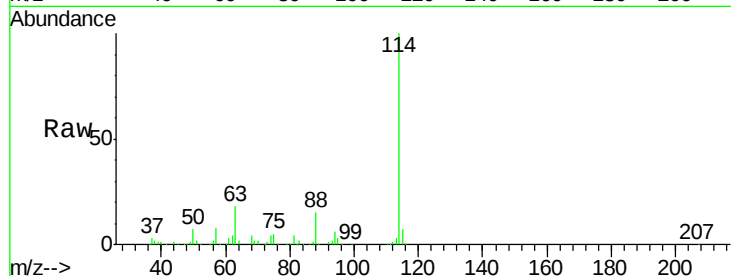




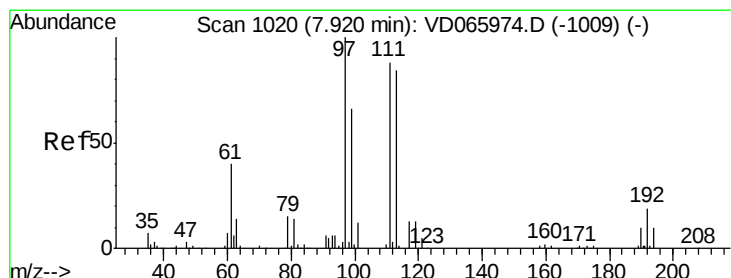
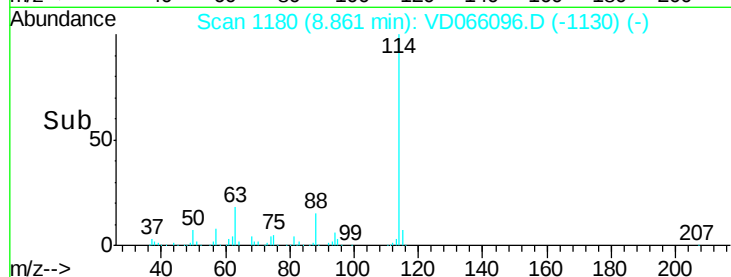
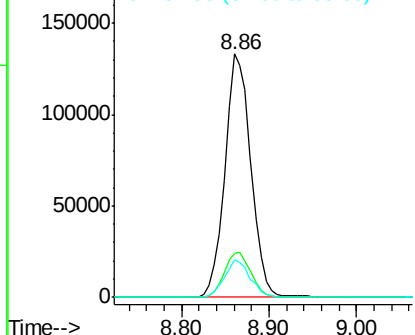
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066096.D
 Acq: 29 Jul 2020 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 CS-12

Tot Ion:114 Resp: 269718
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.6
 88 15.2 0.0 31.2

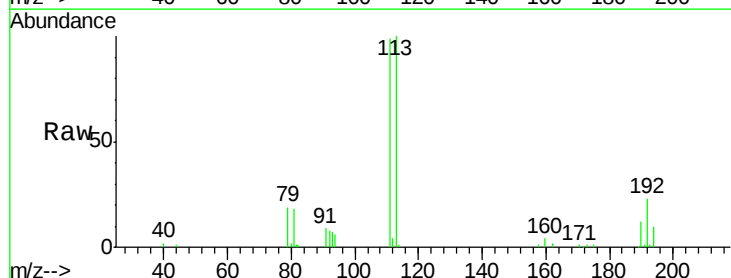


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

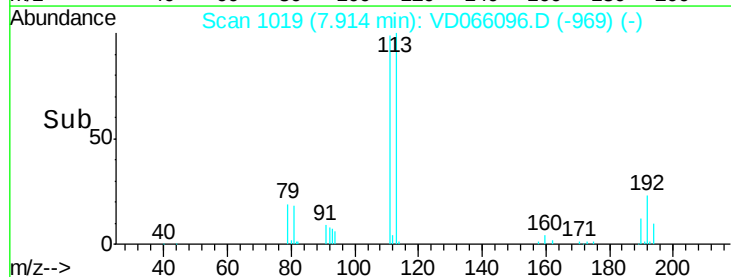
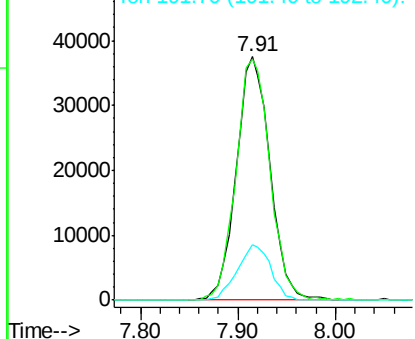


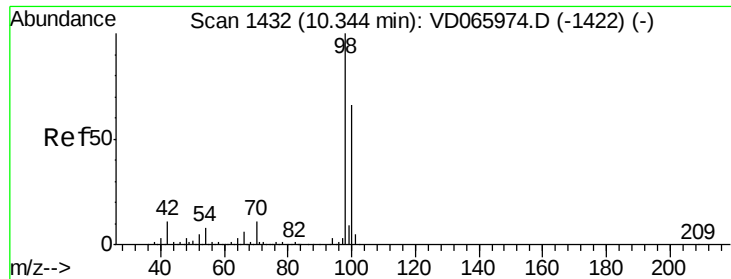
#35
 Dibromofluoromethane
 Concen: 55.126 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066096.D
 Acq: 29 Jul 2020 18:22

Tgt Ion:113 Resp: 90182
 Ion Ratio Lower Upper
 113 100
 111 100.3 83.2 124.8
 192 22.6 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

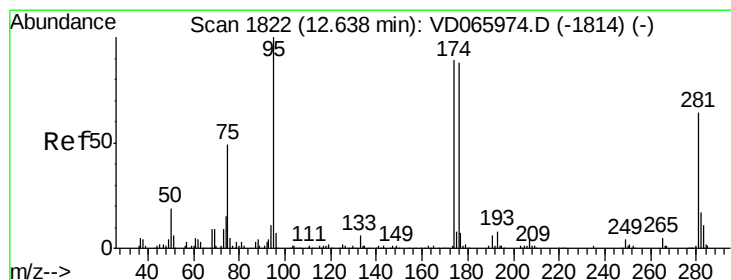
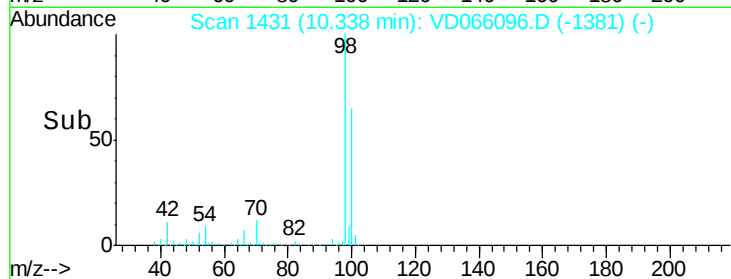
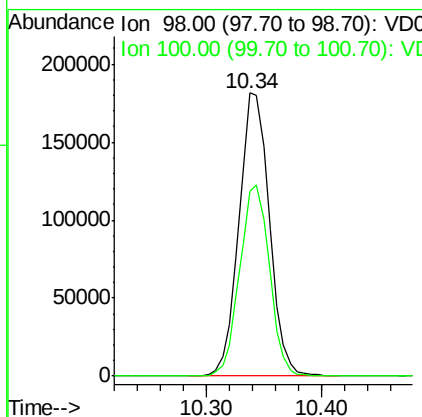
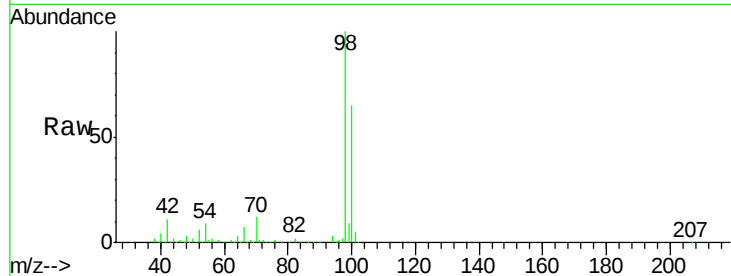




#50
Toluene-d8
Concen: 54.729 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066096.D
Acq: 29 Jul 2020 18:22

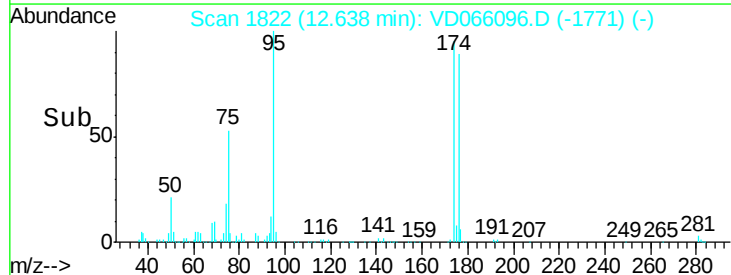
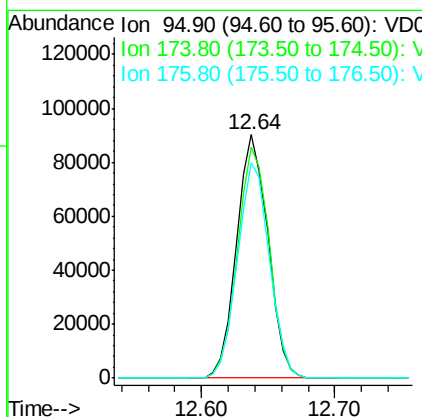
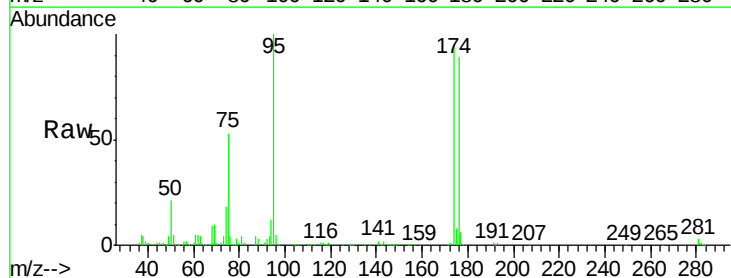
Instrument :
MSVOA_D
ClientSampled :
CS-12

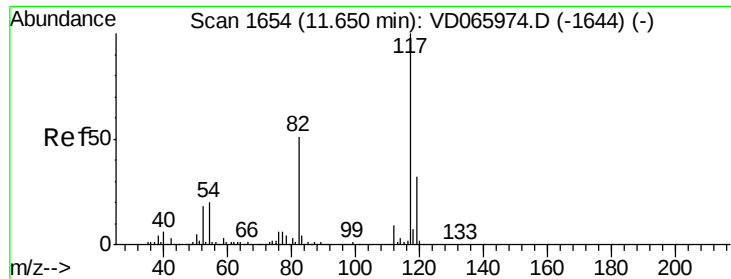
Tot Ion: 98 Resp: 333529
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 69.758 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD066096.D
Acq: 29 Jul 2020 18:22

Tgt Ion: 95 Resp: 147407
Ion Ratio Lower Upper
95 100
174 95.6 0.0 178.8
176 89.8 0.0 172.6

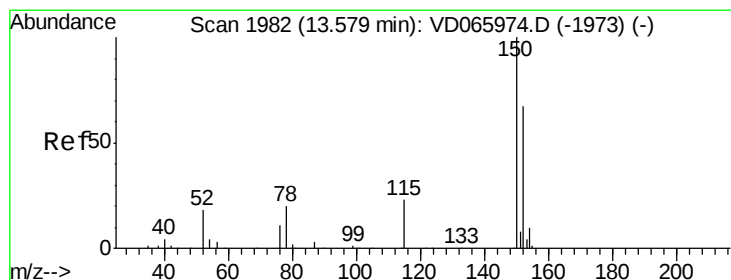
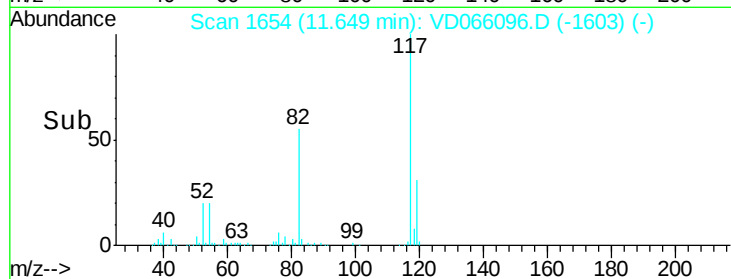
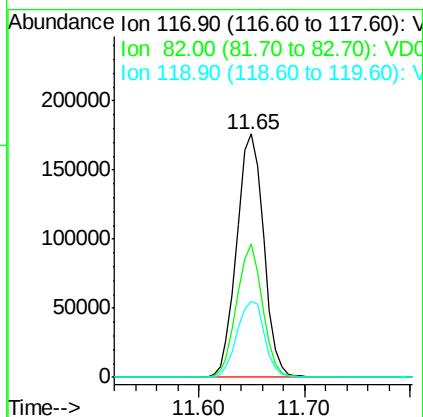
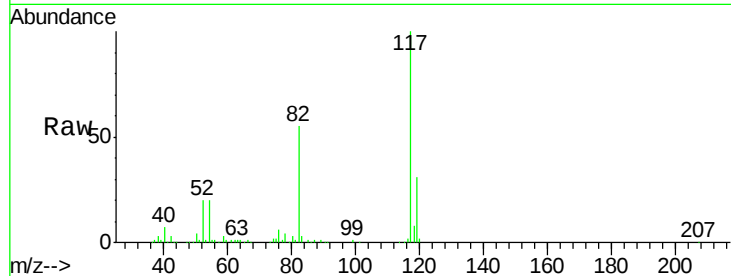




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066096.D
Acq: 29 Jul 2020 18:22

Instrument :
MSVOA_D
ClientSampleId :
CS-12

Tot Ion:117 Resp: 311219
Ion Ratio Lower Upper
117 100
82 54.6 41.1 61.7
119 31.0 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: VD066096.D
Acq: 29 Jul 2020 18:22

Tgt Ion:152 Resp: 170981
Ion Ratio Lower Upper
152 100
115 58.3 27.9 83.7
150 158.8 0.0 348.2

