

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092820\
 Data File : VD066908.D
 Acq On : 28 Sep 2020 12:52
 Operator : VA/SY
 Sample : L4130-01
 Misc : 7.97G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-84

Quant Time: Sep 29 01:14:13 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

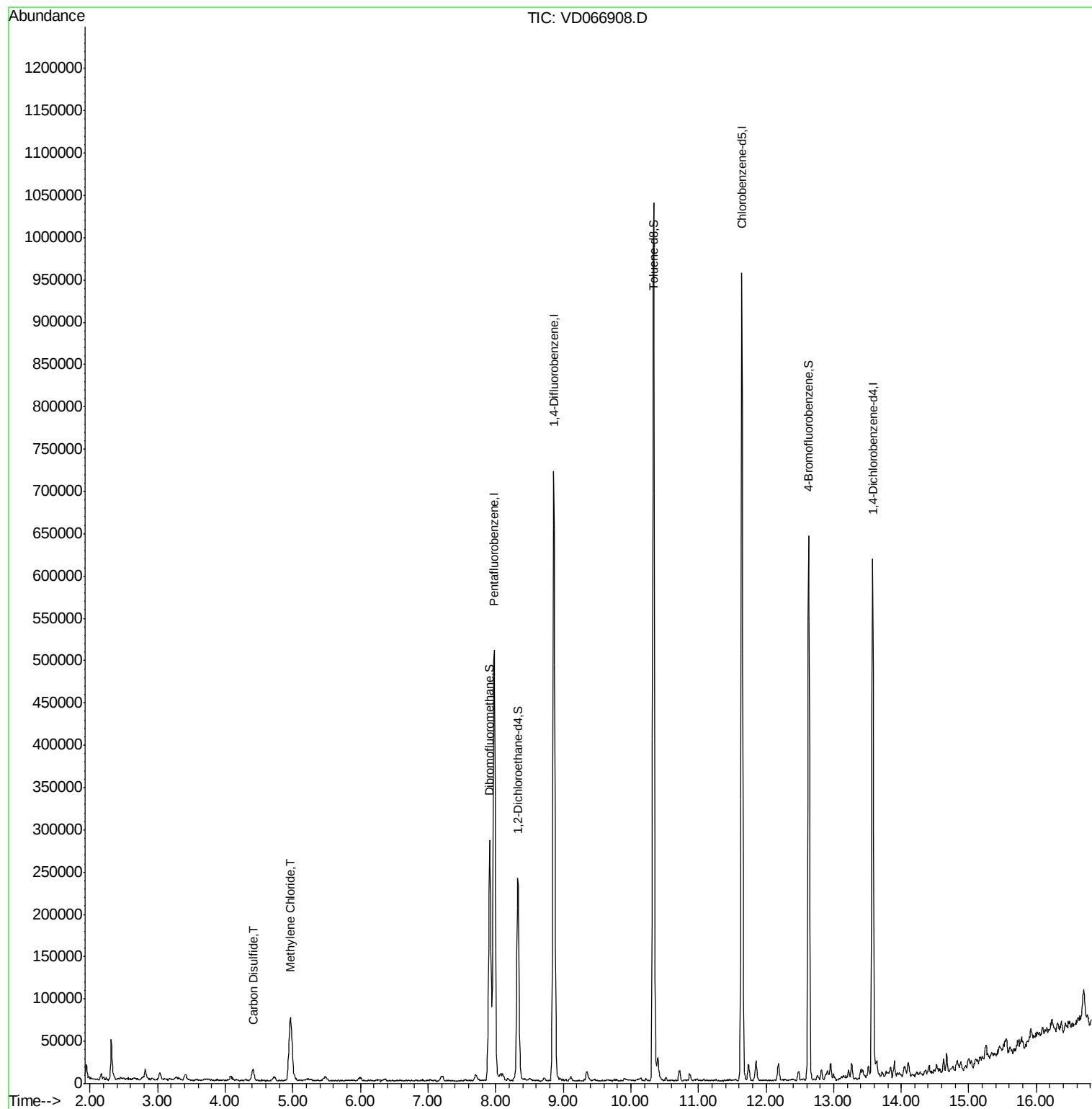
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	373796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	637422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	562898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	164609	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	188725	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
35) Dibromofluoromethane	7.91	113	202717	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
50) Toluene-d8	10.34	98	708981	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.63	95	205876	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
Target Compounds						
17) Carbon Disulfide	4.41	76	28190	2.519	ug/l	97
20) Methylene Chloride	4.97	84	61007	9.896	ug/l	96

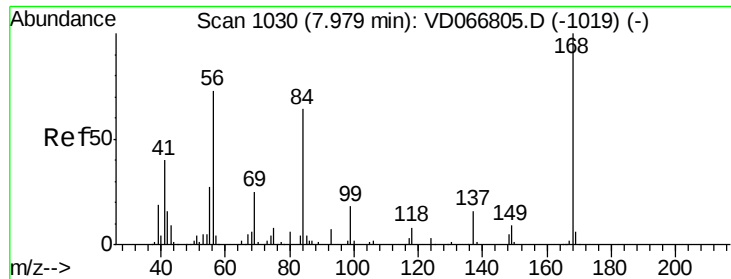
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD066908.D

Acq: 28 Sep 2020 12:52

Instrument :

MSVOA_D

ClientSampleId :

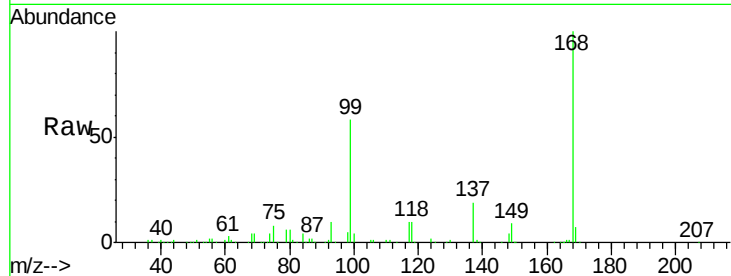
D-84

Tot Ion:168 Resp: 373796

Ion Ratio Lower Upper

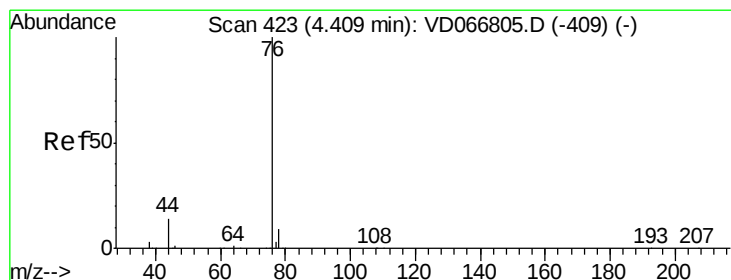
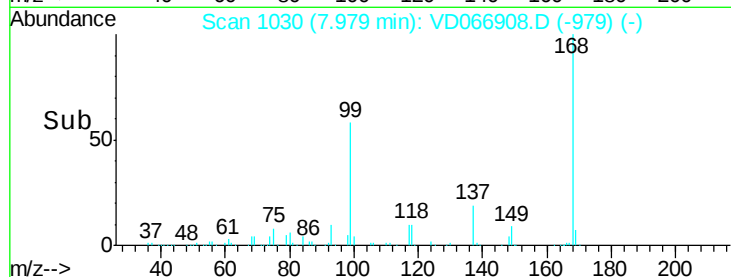
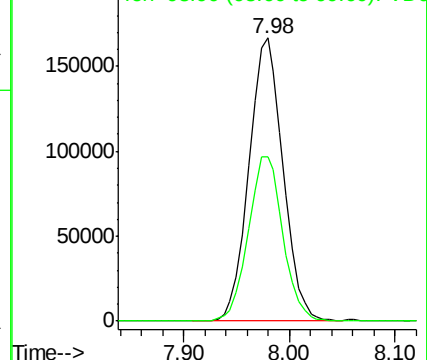
168 100

99 57.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#17

Carbon Disulfide

Concen: 2.519 ug/l

RT: 4.41 min Scan# 424

Delta R.T. 0.01 min

Lab File: VD066908.D

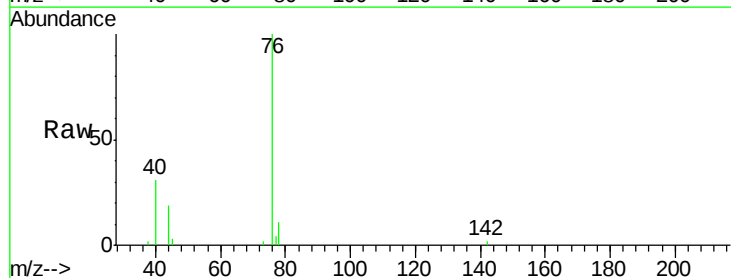
Acq: 28 Sep 2020 12:52

Tgt Ion: 76 Resp: 28190

Ion Ratio Lower Upper

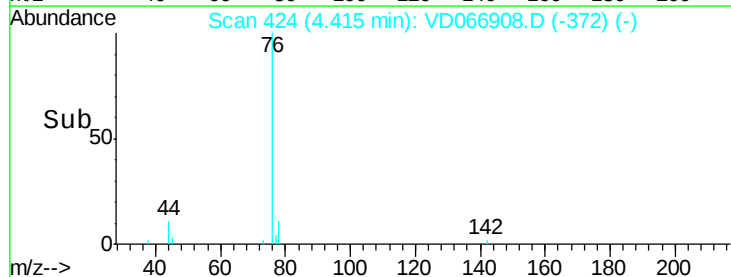
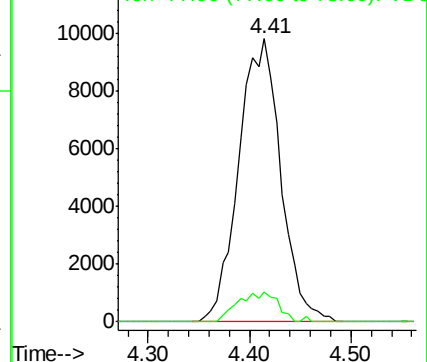
76 100

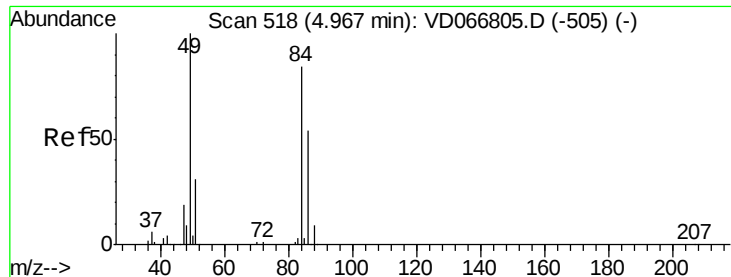
78 10.7 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC

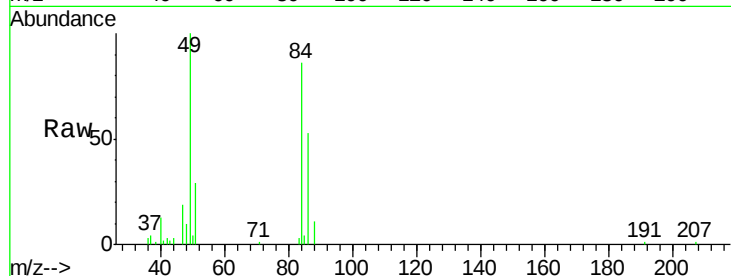




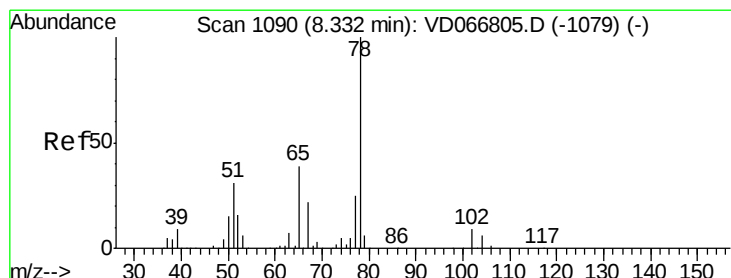
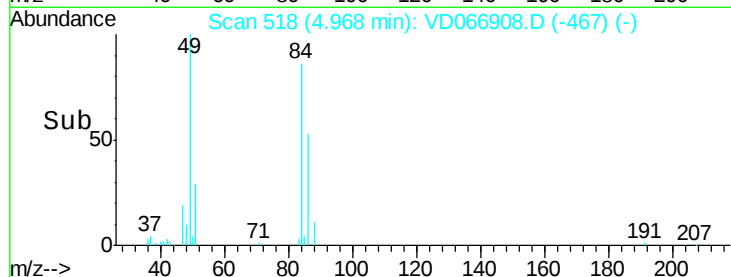
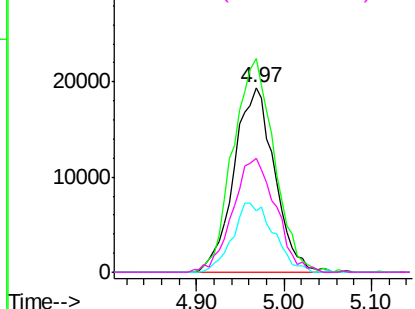
#20
Methylene Chloride
Concen: 9.896 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066908.D
Acq: 28 Sep 2020 12:52

Instrument :
MSVOA_D
ClientSampleId :
D-84

Tot Ion:	84	Resp:	61007
Ion	Ratio	Lower	Upper
84	100		
49	115.9	95.4	143.2
51	33.4	29.7	44.5
86	61.5	51.4	77.2

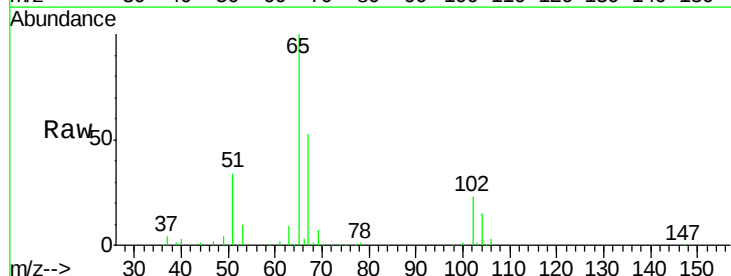


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

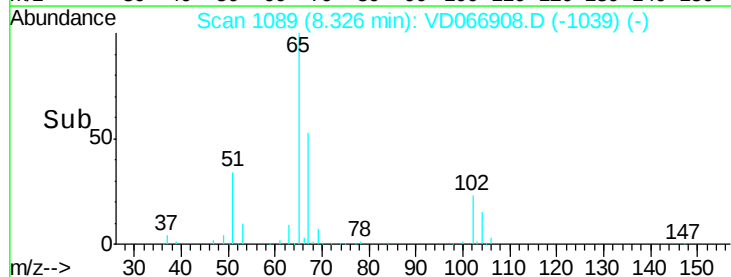
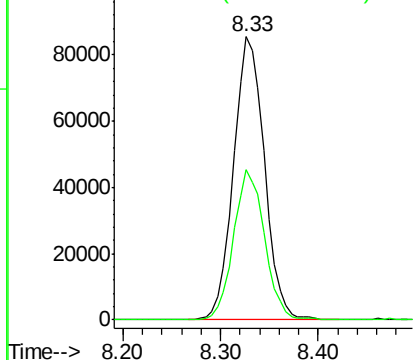


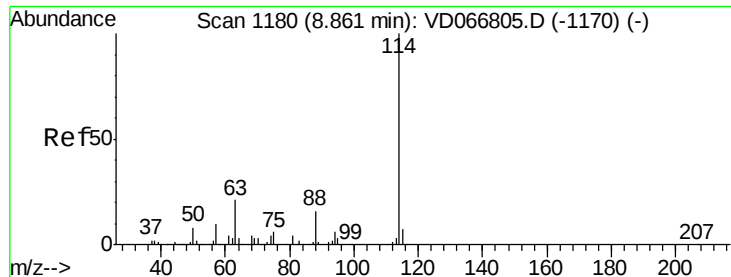
#33
1,2-Dichloroethane-d4
Concen: 51.584 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066908.D
Acq: 28 Sep 2020 12:52

Tgt Ion:	65	Resp:	188725
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	107.2



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

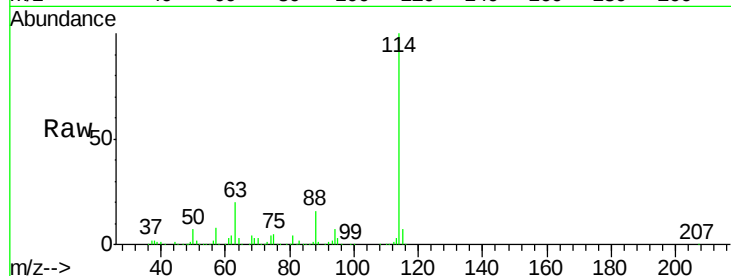




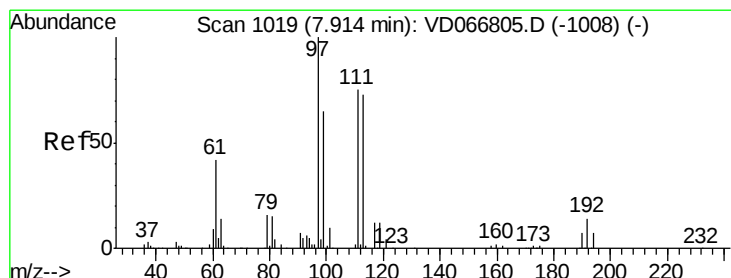
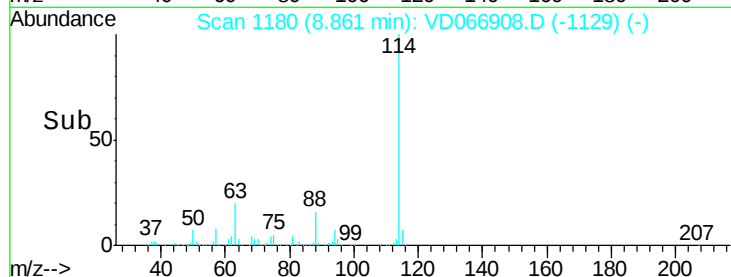
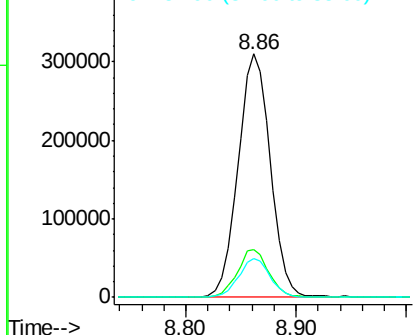
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066908.D
 Acq: 28 Sep 2020 12:52

Instrument :
 MSVOA_D
 ClientSampleId :
 D-84

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	42.6
88	16.1	0.0	32.6

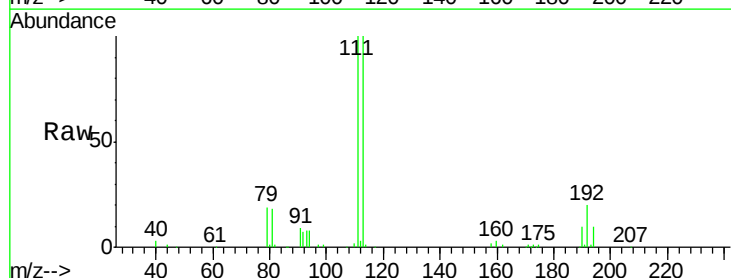


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

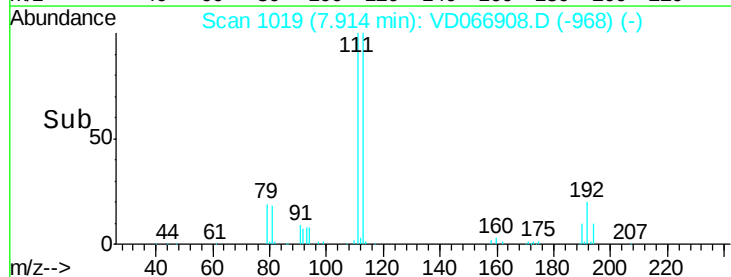
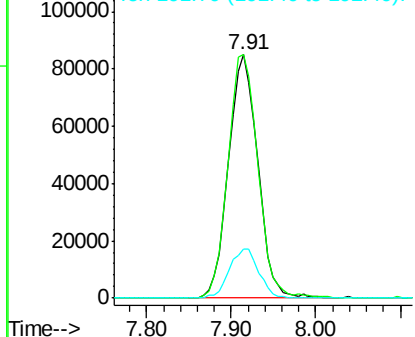


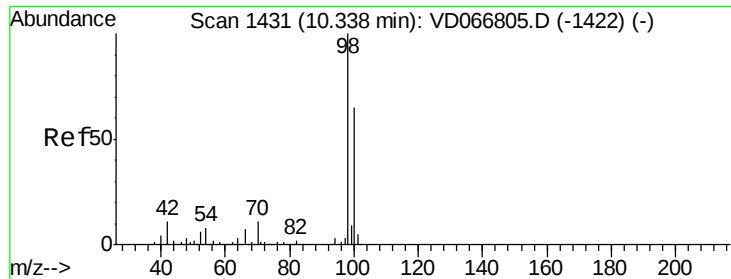
#35
 Dibromofluoromethane
 Concen: 49.988 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD066908.D
 Acq: 28 Sep 2020 12:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.8	122.8
192	20.1	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

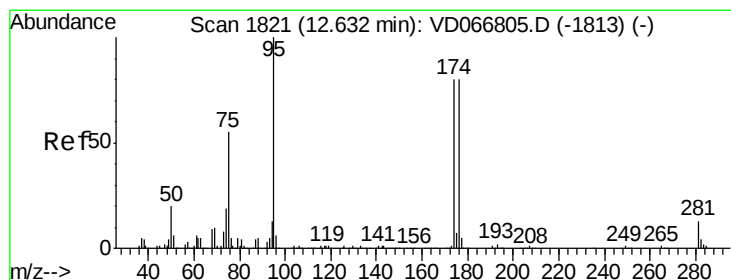
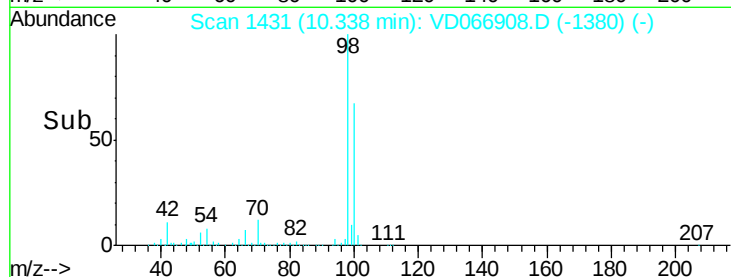
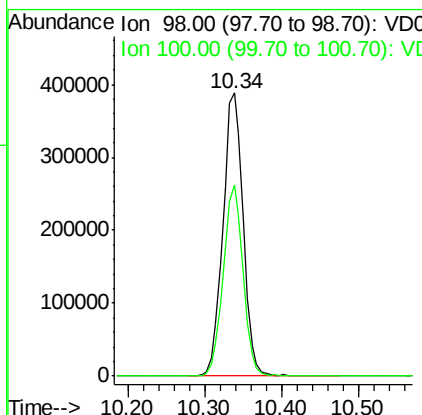
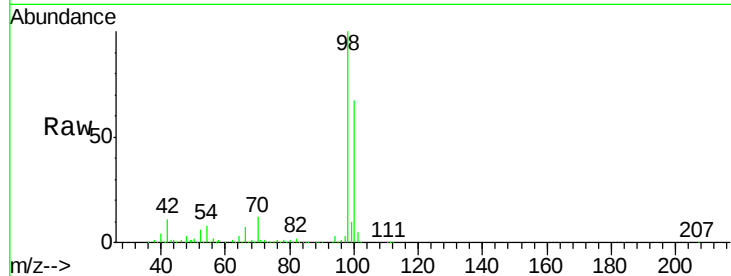




#50
Toluene-d8
Concen: 51.312 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066908.D
Acq: 28 Sep 2020 12:52

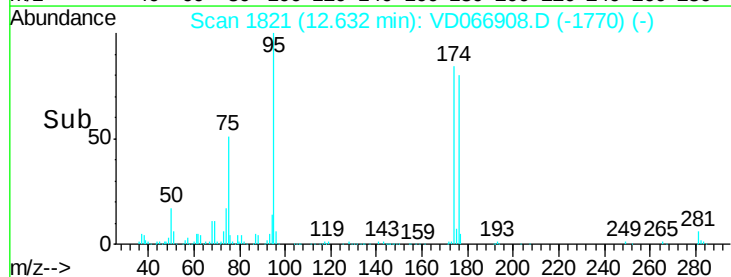
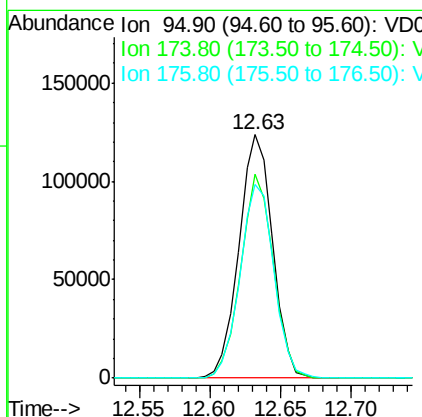
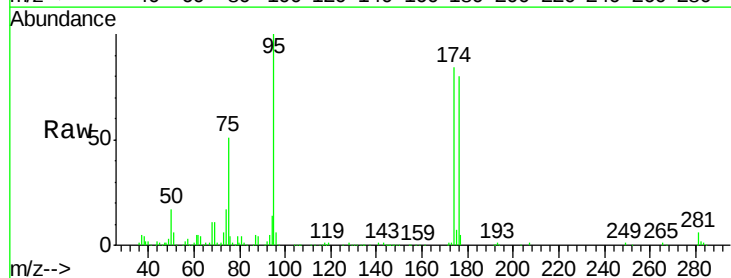
Instrument :
MSVOA_D
ClientSampleId :
D-84

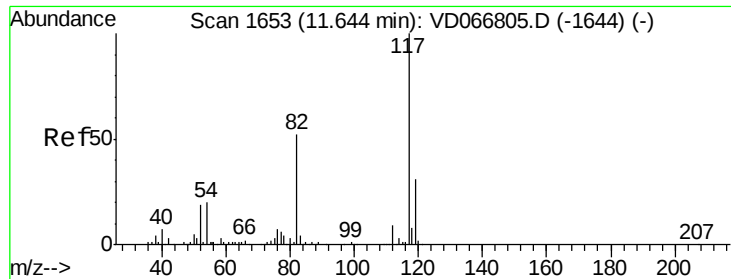
Tot Ion: 98 Resp: 708981
Ion Ratio Lower Upper
98 100
100 66.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 43.525 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD066908.D
Acq: 28 Sep 2020 12:52

Tgt Ion: 95 Resp: 205876
Ion Ratio Lower Upper
95 100
174 81.5 0.0 159.8
176 80.5 0.0 154.4

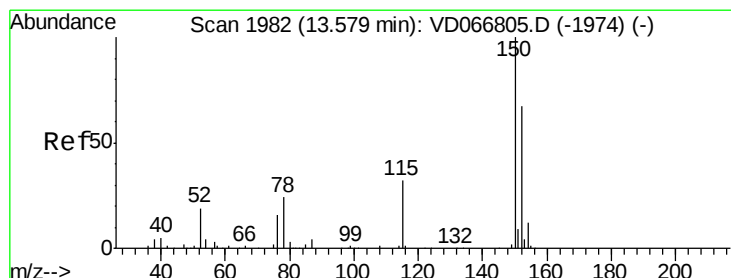
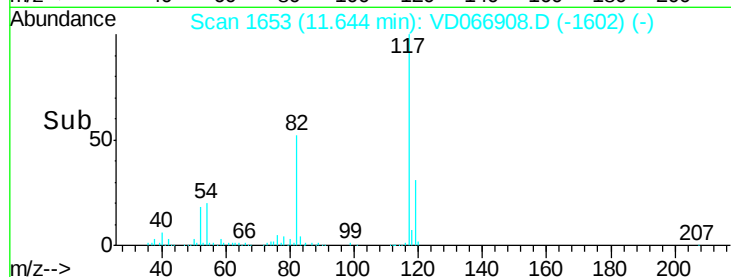
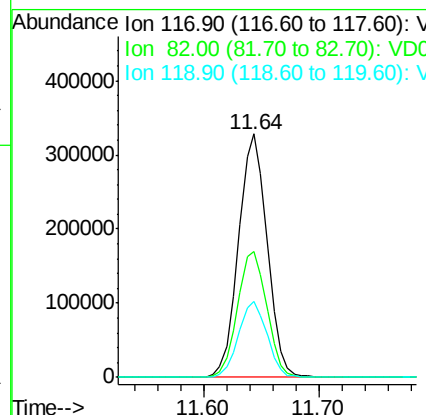
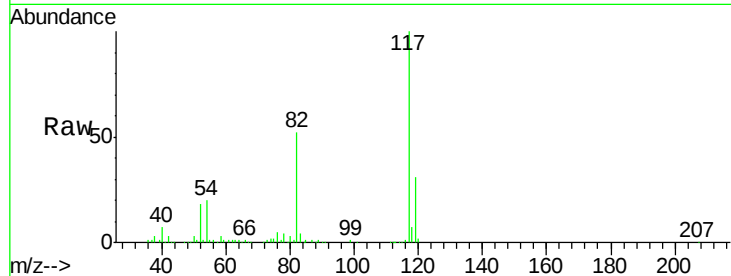




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066908.D
Acq: 28 Sep 2020 12:52

Instrument :
MSVOA_D
ClientSampled :
D-84

Tot Ion:117 Resp: 562898
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.6
119 31.2 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: VD066908.D
Acq: 28 Sep 2020 12:52

Tgt Ion:152 Resp: 164609
Ion Ratio Lower Upper
152 100
115 60.1 30.3 91.0
150 156.2 0.0 346.2

