

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD123019\
 Data File : VD064682.D
 Acq On : 30 Dec 2019 17:33
 Operator : VA/SY
 Sample : K6450-01RE
 Misc : 8.77G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB446_191226-30-32RE

Quant Time: Dec 31 08:09:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

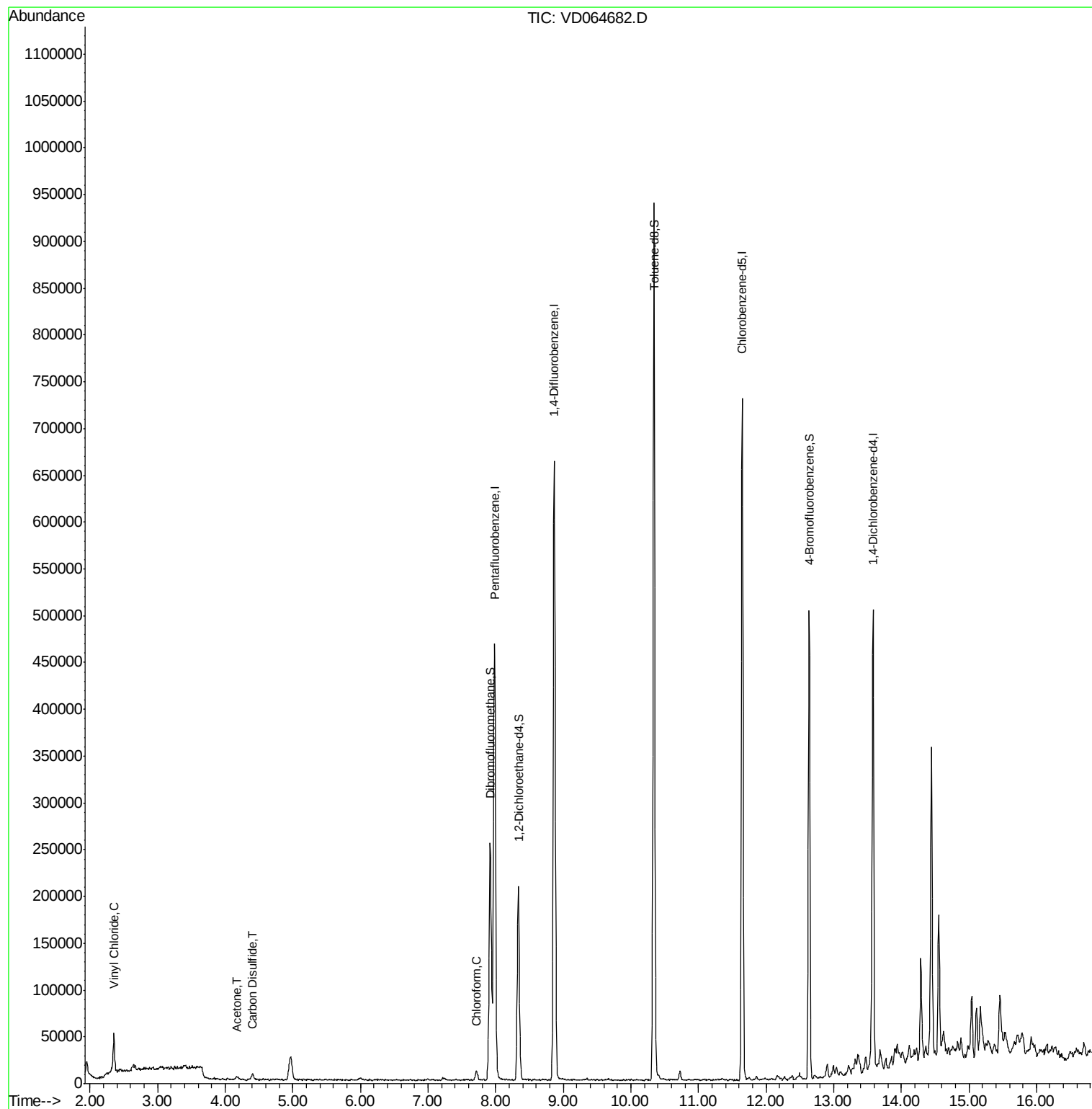
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	358628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	567821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	406342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133972	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	162282	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
35) Dibromofluoromethane	7.92	113	173542	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
50) Toluene-d8	10.34	98	634974	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.18%	
62) 4-Bromofluorobenzene	12.64	95	144439	34.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.48%	
Target Compounds						
4) Vinyl Chloride	2.35	62	36333	7.645	ug/l	97
16) Acetone	4.17	43	5510	11.478	ug/l	89
17) Carbon Disulfide	4.40	76	12194	1.195	ug/l	97
30) Chloroform	7.71	83	9040	1.463	ug/l	90

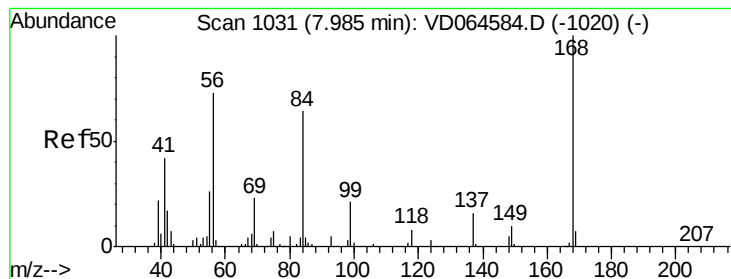
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD123019\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064682.D

Acq: 30 Dec 2019 17:33

Instrument :

MSVOA_D

ClientSampleId :

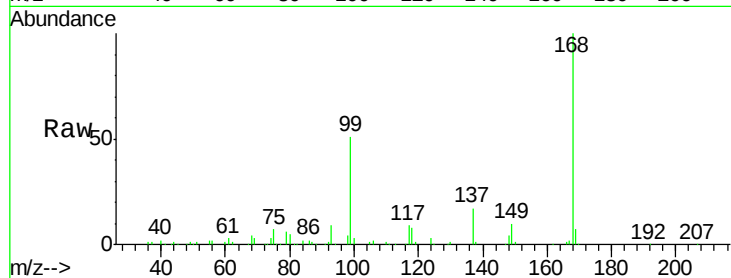
WP022SB446_191226-30-32RE

Tot Ion:168 Resp: 358628

Ion Ratio Lower Upper

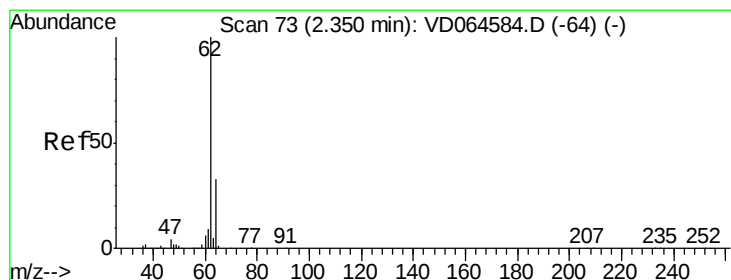
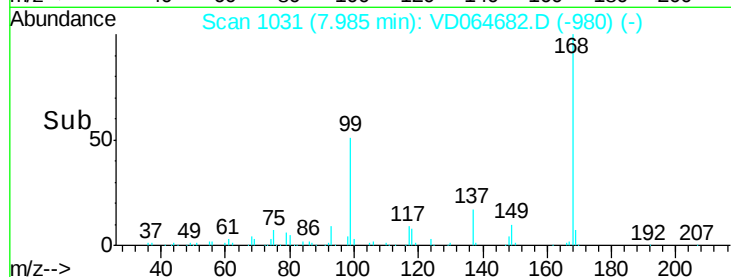
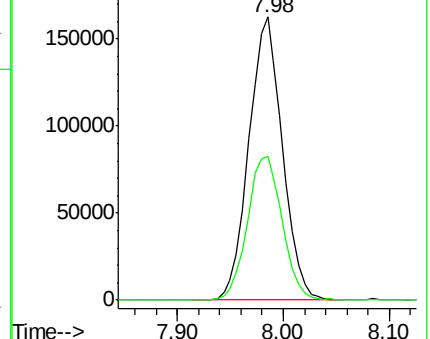
168 100

99 50.9 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#4

Vinyl Chloride

Concen: 7.645 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064682.D

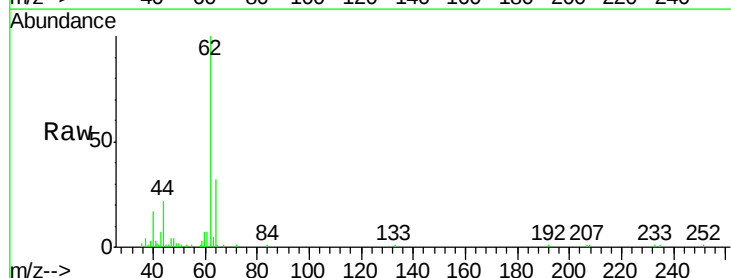
Acq: 30 Dec 2019 17:33

Tgt Ion: 62 Resp: 36333

Ion Ratio Lower Upper

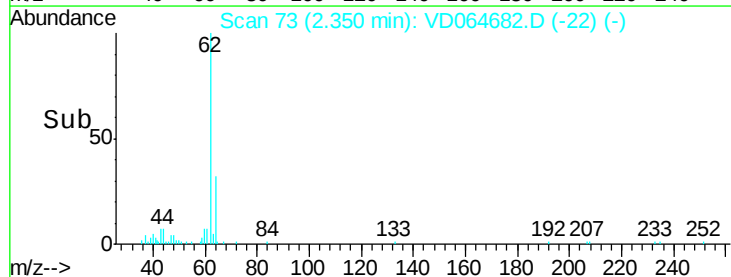
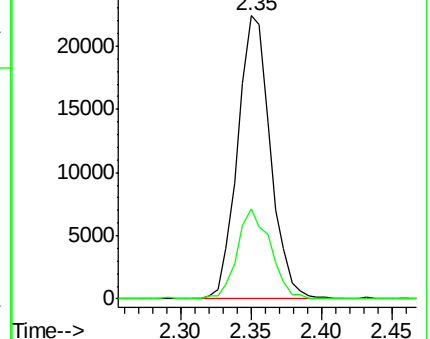
62 100

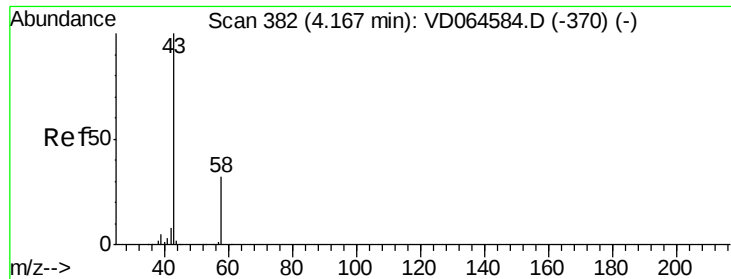
64 31.8 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

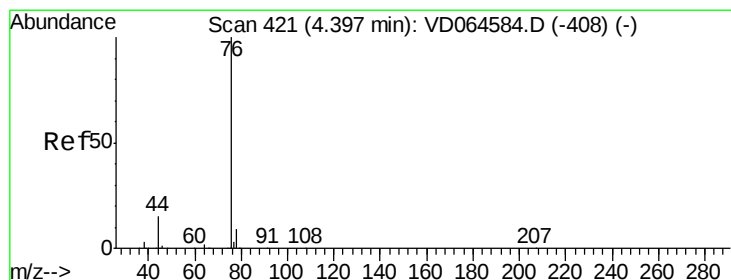
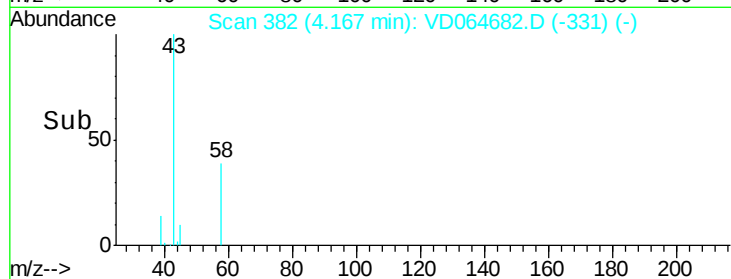
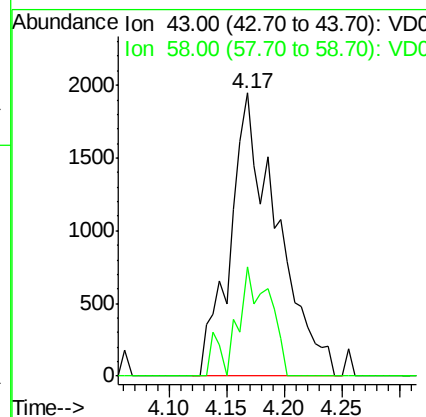
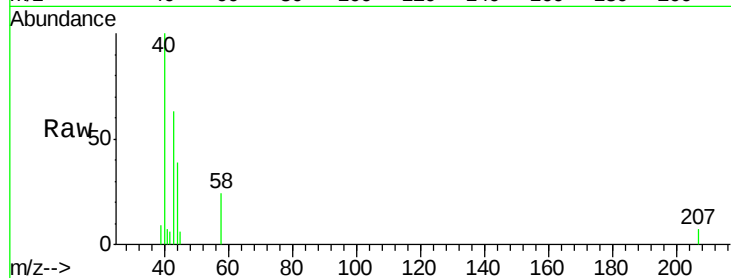




#16
Acetone
Concen: 11.478 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

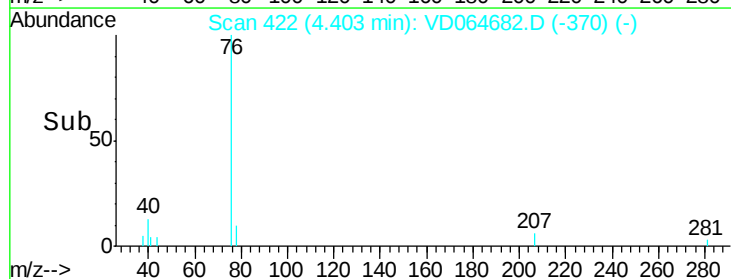
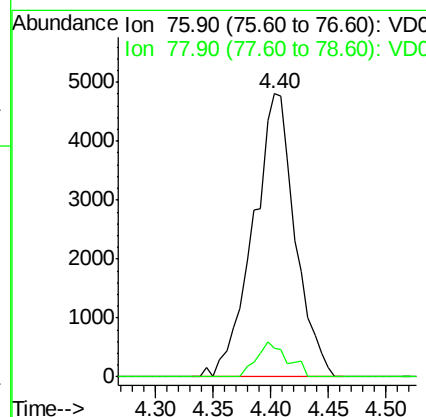
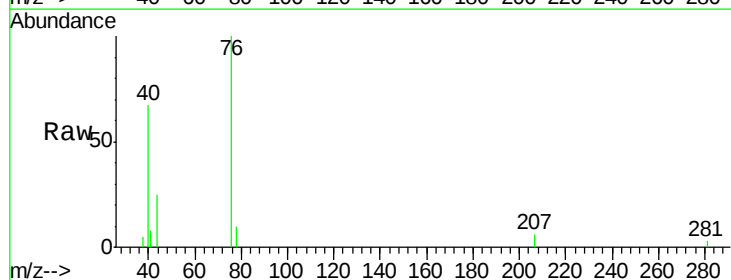
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MSVOA_D
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WP022SB446_191226-30-32RE

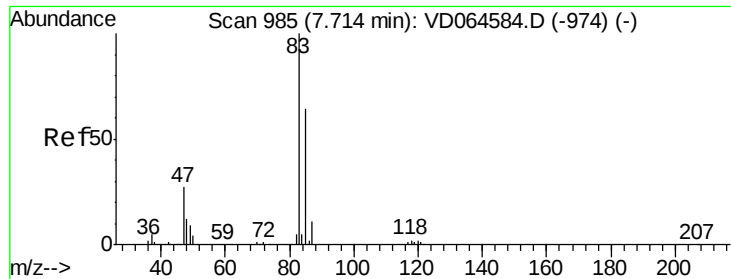
Tot Ion: 43 Resp: 5510
Ion Ratio Lower Upper
43 100
58 38.6 25.8 38.6



#17
Carbon Disulfide
Concen: 1.195 ug/l
RT: 4.40 min Scan# 422
Delta R.T. 0.01 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion: 76 Resp: 12194
Ion Ratio Lower Upper
76 100
78 10.2 7.3 10.9

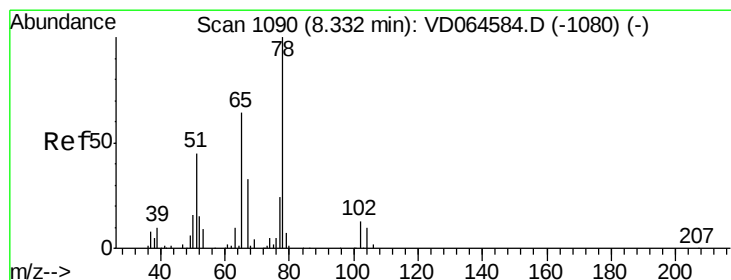
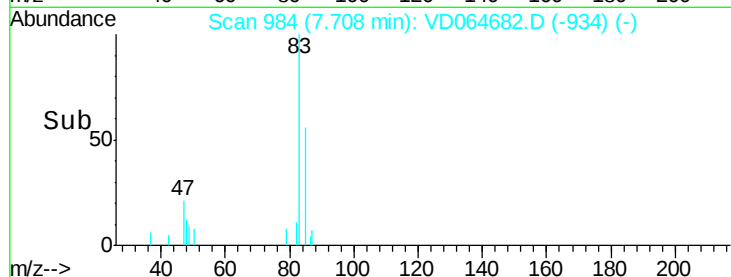
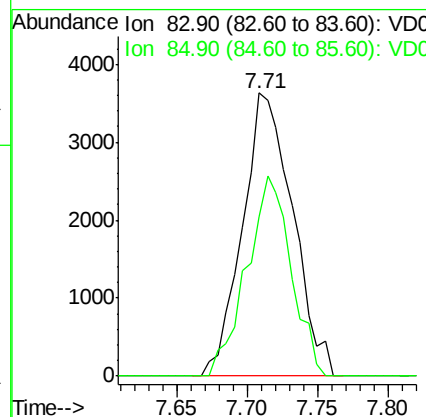
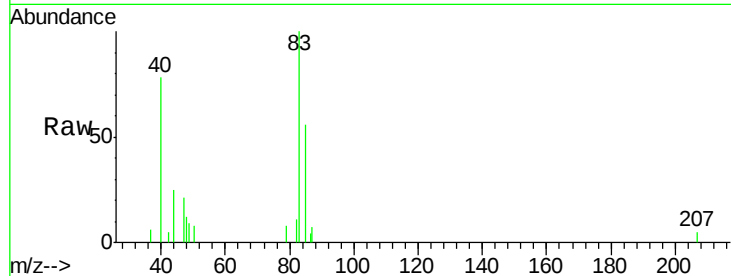




#30
Chloroform
Concen: 1.463 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

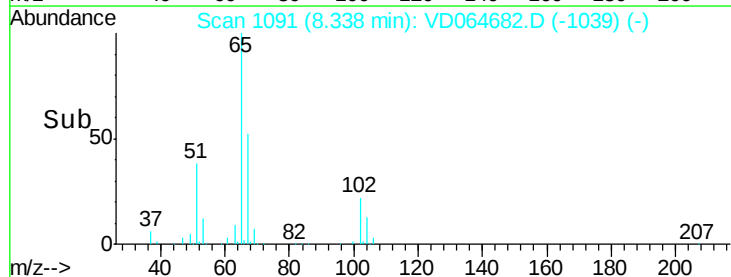
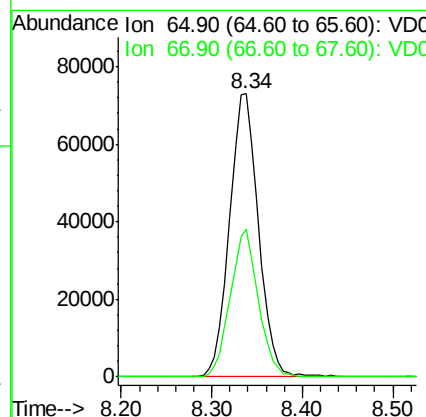
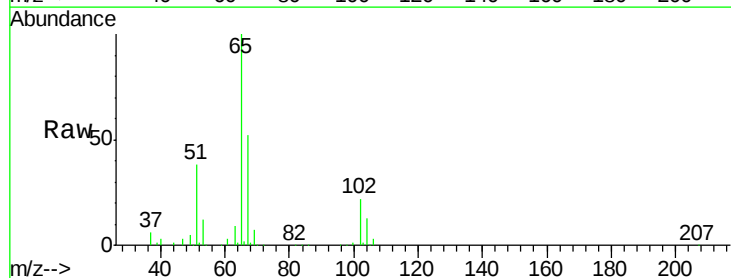
Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-30-32RE

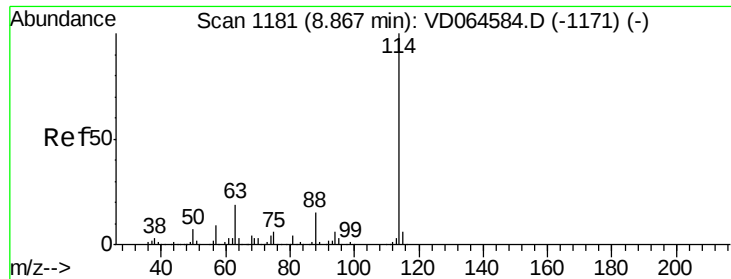
Tot Ion: 83 Resp: 9040
Ion Ratio Lower Upper
83 100
85 56.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 51.317 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion: 65 Resp: 162282
Ion Ratio Lower Upper
65 100
67 50.3 0.0 106.2

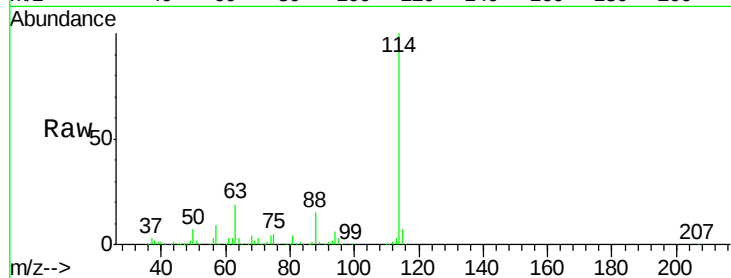




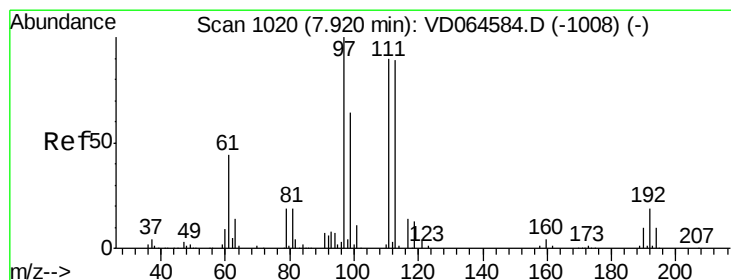
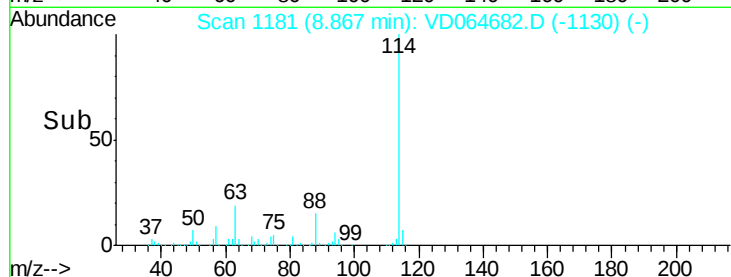
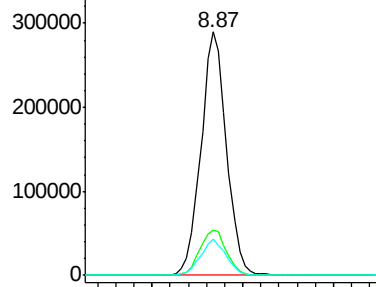
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064682.D
 Acq: 30 Dec 2019 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB446_191226-30-32RE

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.0
88	14.7	0.0	29.2

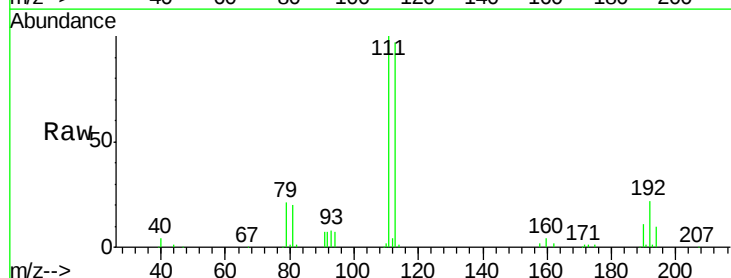


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

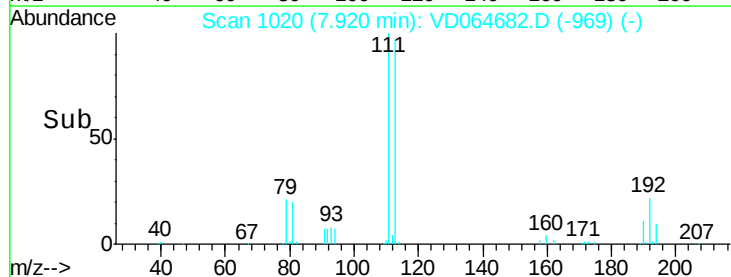
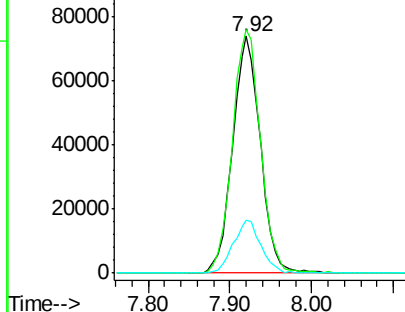


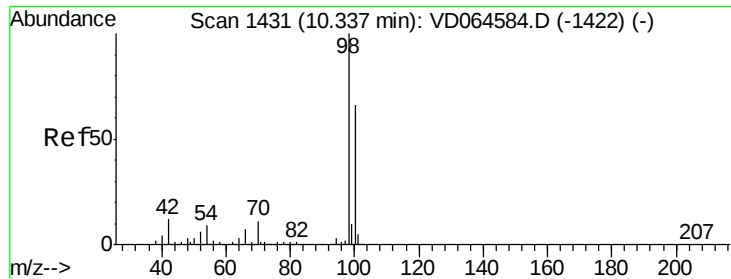
#35
 Dibromofluoromethane
 Concen: 49.816 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064682.D
 Acq: 30 Dec 2019 17:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	80.6	121.0
192	22.1	17.9	26.9



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

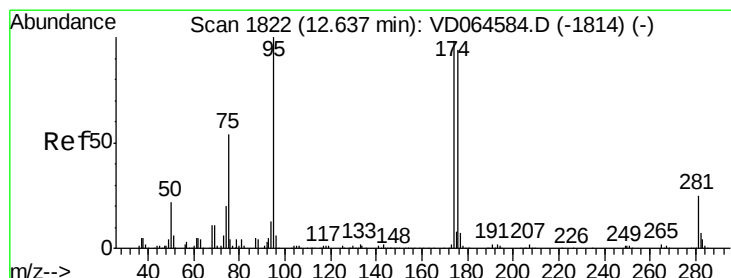
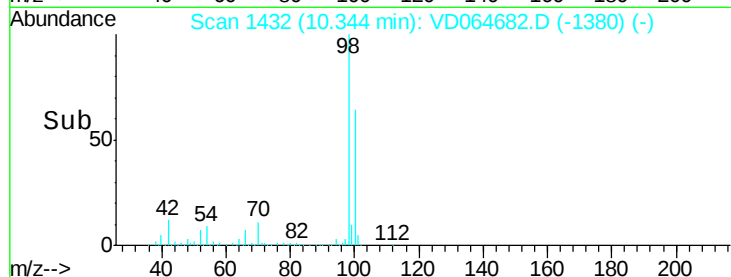
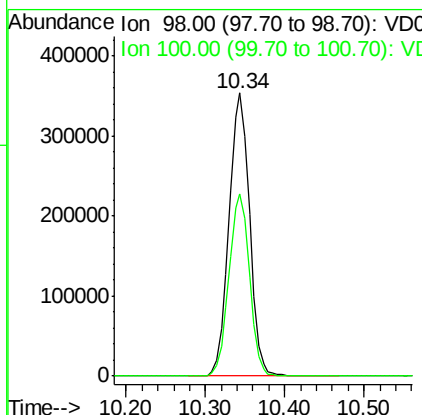
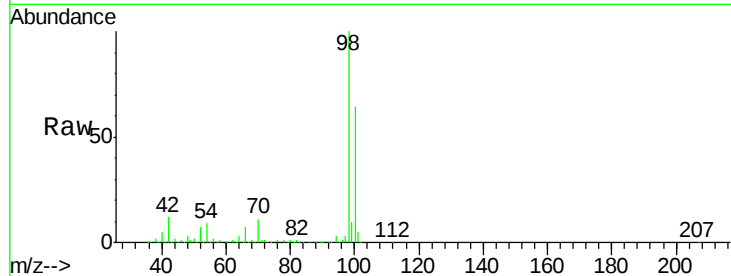




#50
Toluene-d8
Concen: 47.592 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

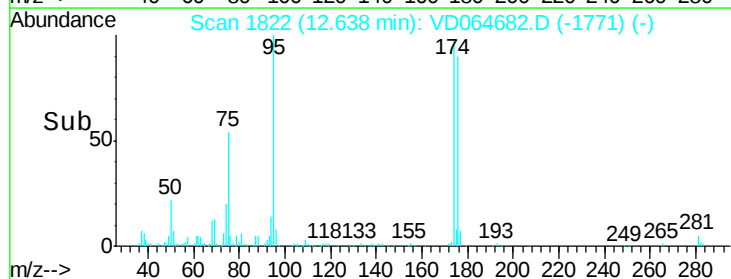
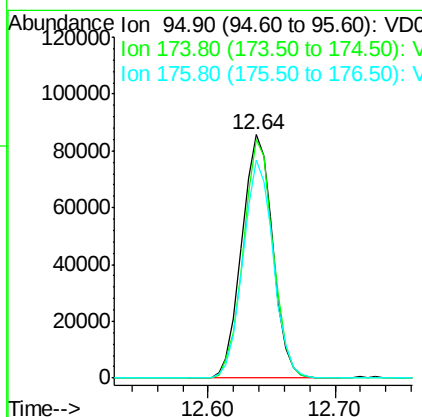
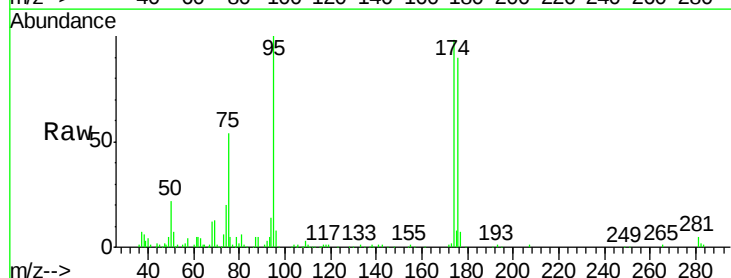
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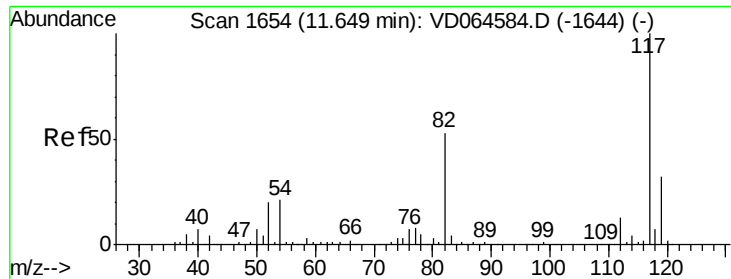
Tot Ion: 98 Resp: 634974
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 34.236 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion: 95 Resp: 144439
Ion Ratio Lower Upper
95 100
174 95.4 0.0 193.2
176 87.8 0.0 184.2

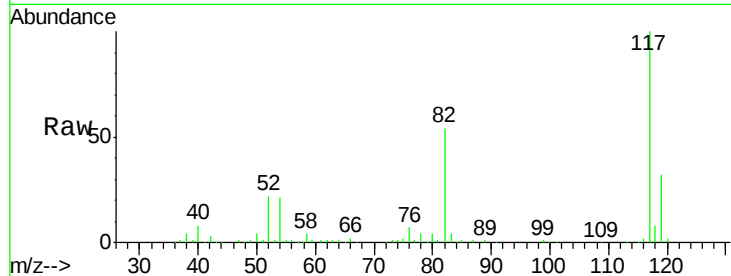




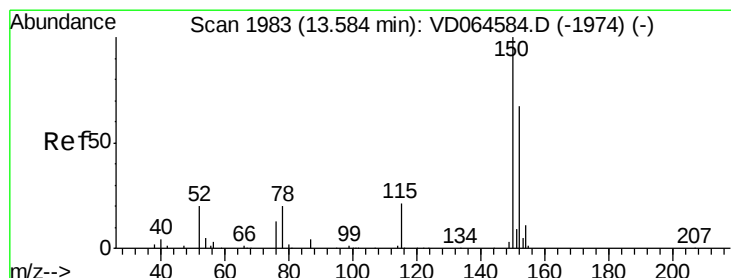
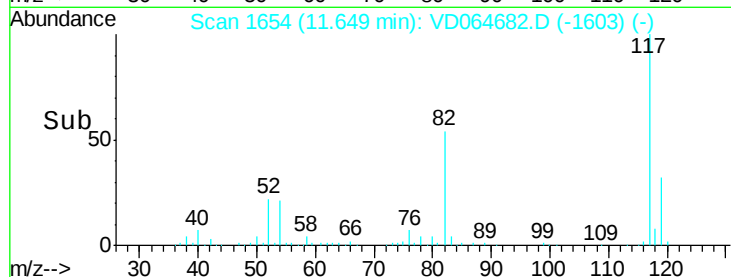
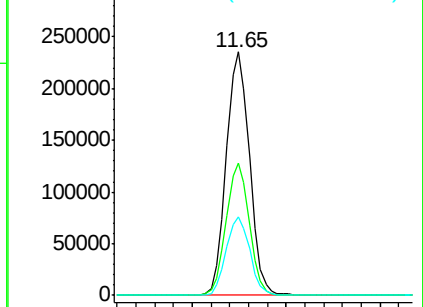
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Instrument :
MSVOA_D
ClientSampleId :
WP022SB446_191226-30-32RE

Tot Ion:117 Resp: 406342
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.4
119 32.3 26.0 39.0

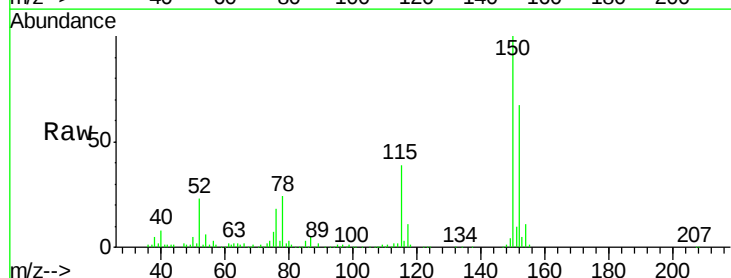


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064682.D
Acq: 30 Dec 2019 17:33

Tgt Ion:152 Resp: 133972
Ion Ratio Lower Upper
152 100
115 53.8 27.8 83.4
150 149.7 0.0 351.4



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

