

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
 Data File : VD064120.D
 Acq On : 30 Oct 2019 18:54
 Operator : VA/SY
 Sample : K5602-05
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190942-AMENDED-COMPOSITE-

Quant Time: Oct 31 04:55:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

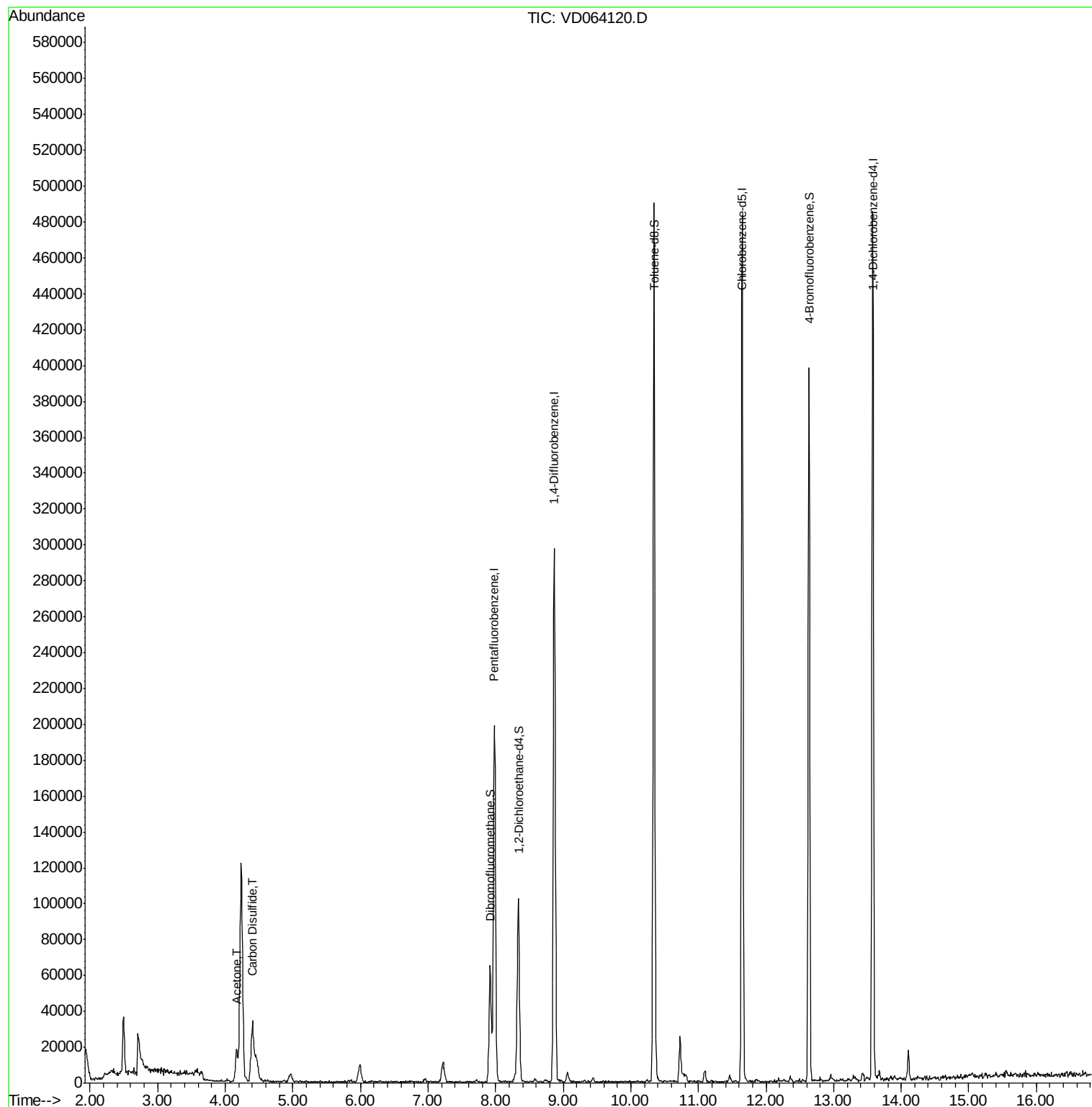
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	159841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	274947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	281963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	134274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	82656	65.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.04%	
35) Dibromofluoromethane	7.92	113	42991	25.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	50.84%	
50) Toluene-d8	10.34	98	337059	49.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.64	95	113415	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
Target Compounds						
16) Acetone	4.17	43	30084	124.378	ug/l	99
17) Carbon Disulfide	4.40	76	72661	17.053	ug/l	99

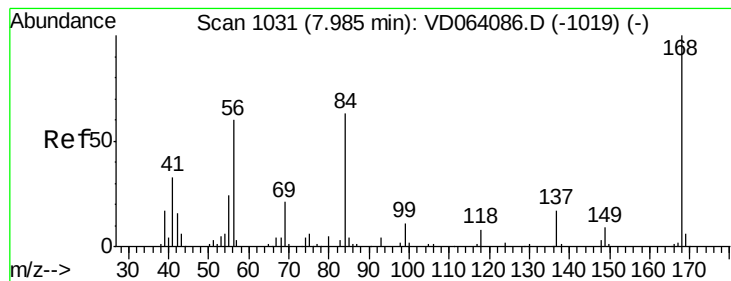
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064120.D

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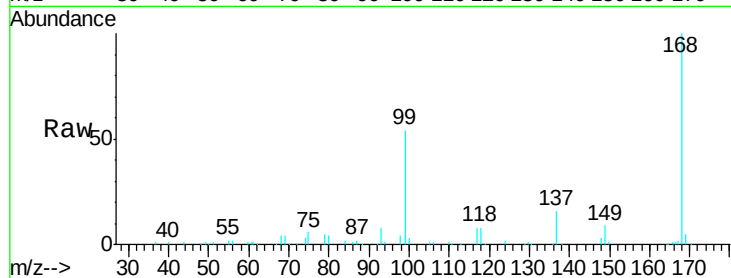
20190942-AMENDED-COMPOSITE-

Tgt Ion:168 Resp: 159841

Ion Ratio Lower Upper

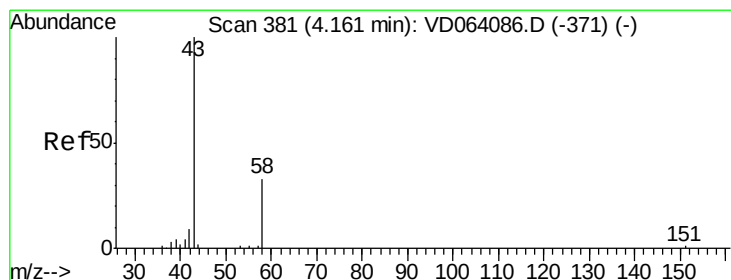
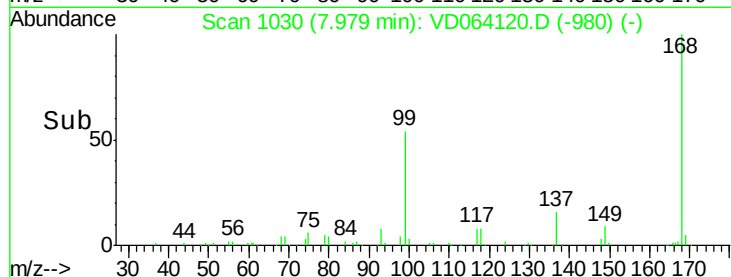
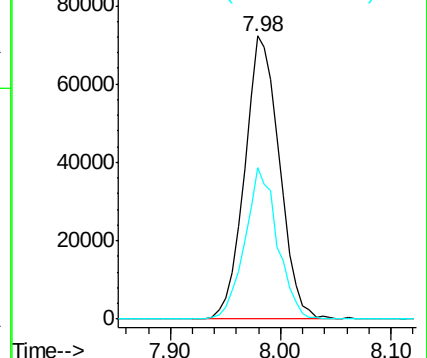
168 100

99 53.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 124.378 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD064120.D

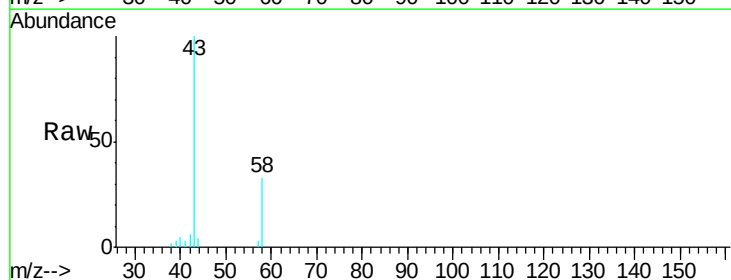
Acq: 30 Oct 2019 18:54

Tgt Ion: 43 Resp: 30084

Ion Ratio Lower Upper

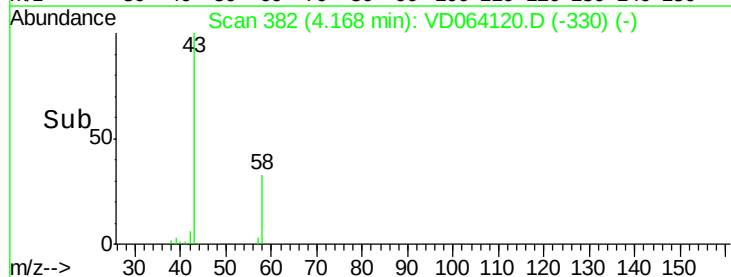
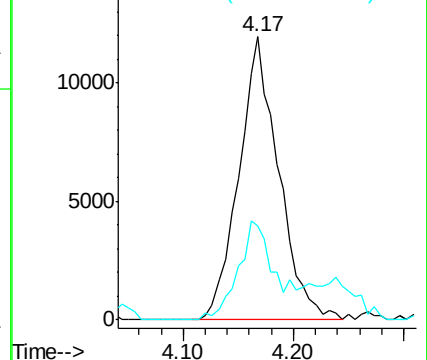
43 100

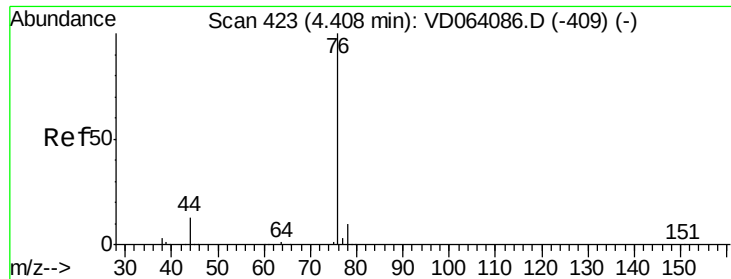
58 33.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

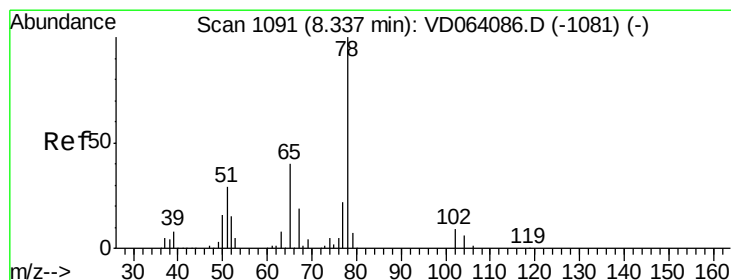
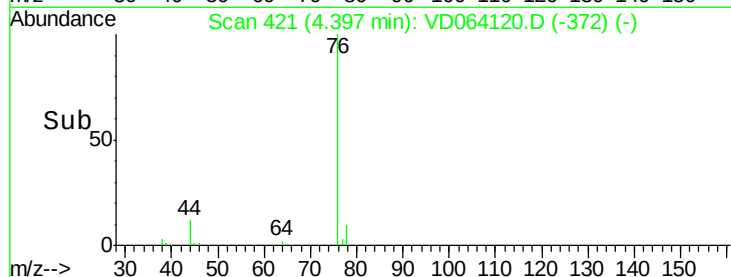
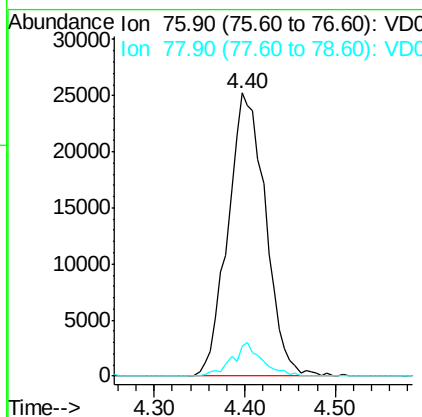
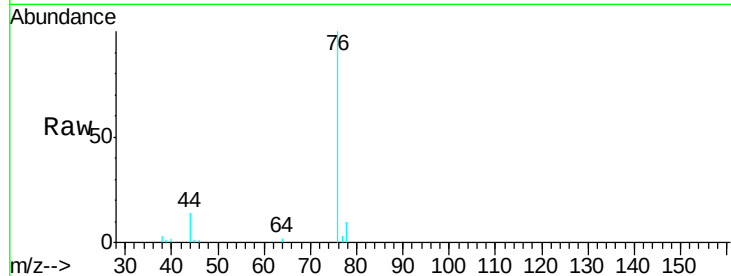




#17
Carbon Disulfide
Concen: 17.053 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD064120.D
Acq: 30 Oct 2019 18:54

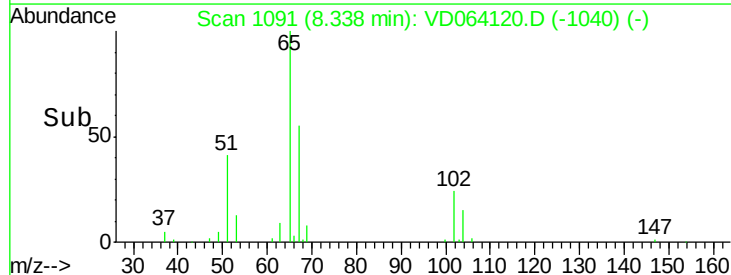
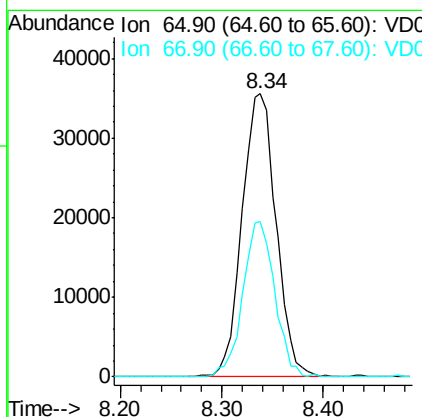
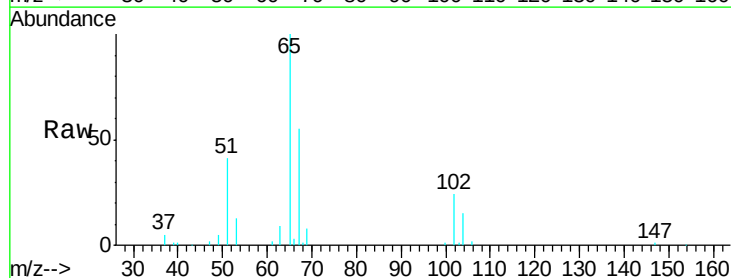
Instrument :
MSVOA_D
ClientSampleId :
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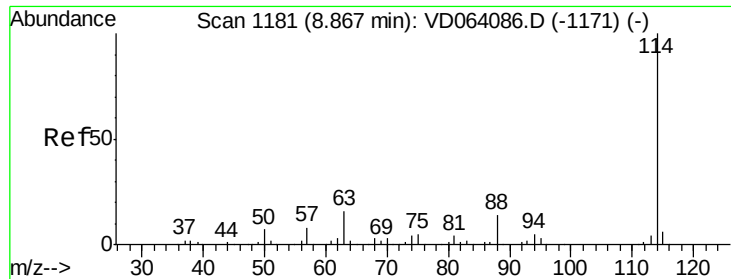
Tgt Ion: 76 Resp: 72661
Ion Ratio Lower Upper
76 100
78 10.5 8.1 12.1



#33
1,2-Dichloroethane-d4
Concen: 65.021 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064120.D
Acq: 30 Oct 2019 18:54

Tgt Ion: 65 Resp: 82656
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.6

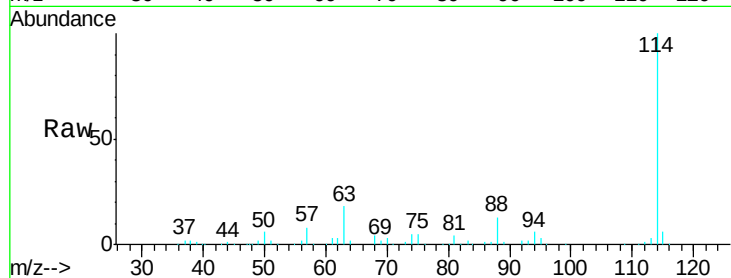




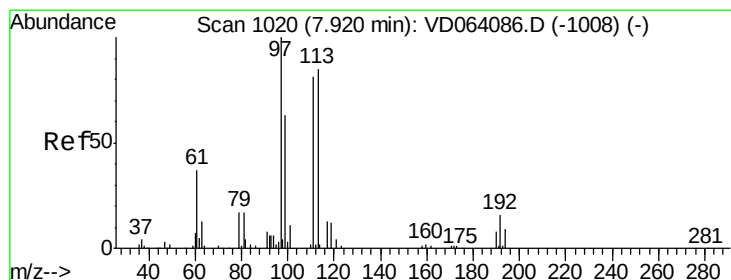
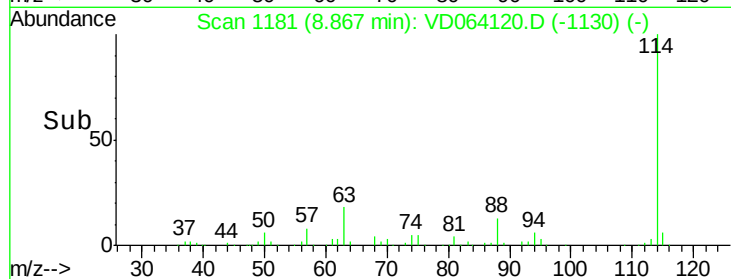
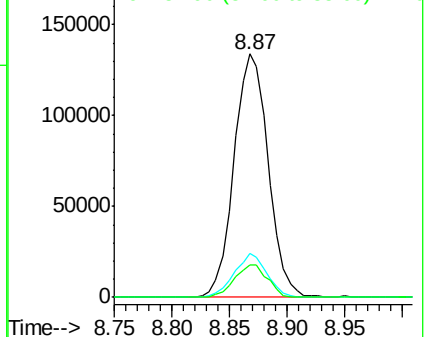
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064120.D
 Acq: 30 Oct 2019 18:54

Instrument :
 MSVOA_D
 ClientSampleId :
 20190942-AMENDED-COMPOSITE-

Tgt Ion:114 Resp: 274947
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 32.8
 88 13.5 0.0 27.6

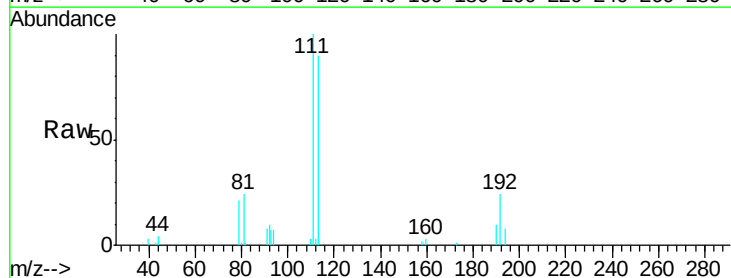


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

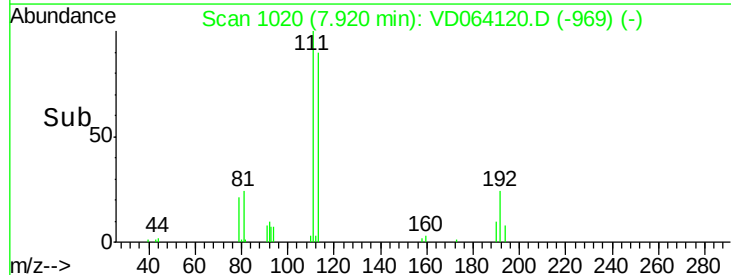
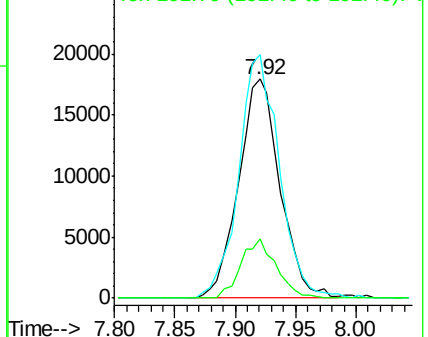


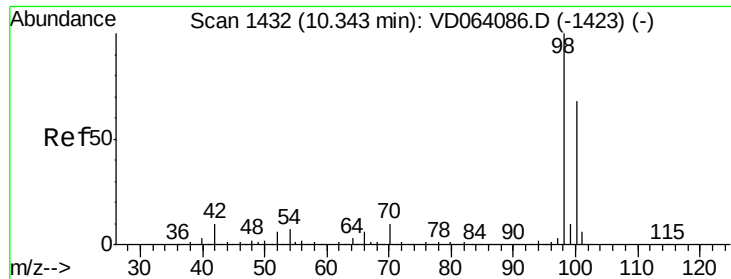
#35
 Dibromofluoromethane
 Concen: 25.415 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064120.D
 Acq: 30 Oct 2019 18:54

Tgt Ion:113 Resp: 42991
 Ion Ratio Lower Upper
 113 100
 111 108.7 79.3 118.9
 192 22.9 16.2 24.2



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

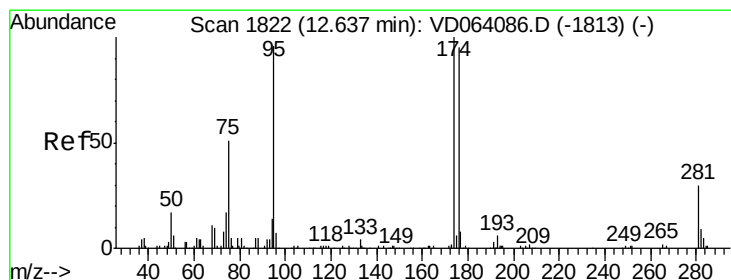
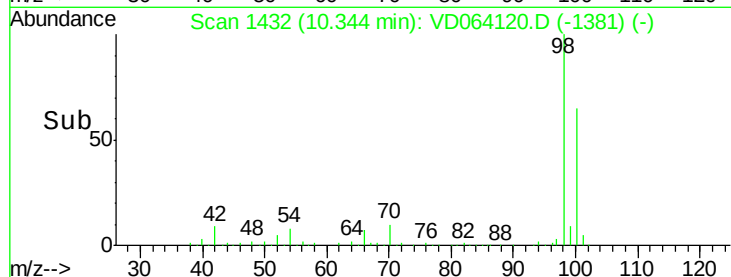
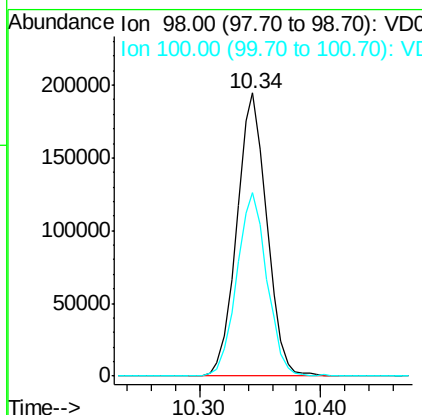
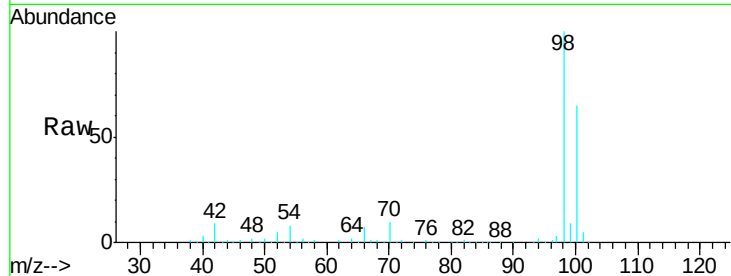




#50
Toluene-d8
Concen: 49.825 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064120.D
Acq: 30 Oct 2019 18:54

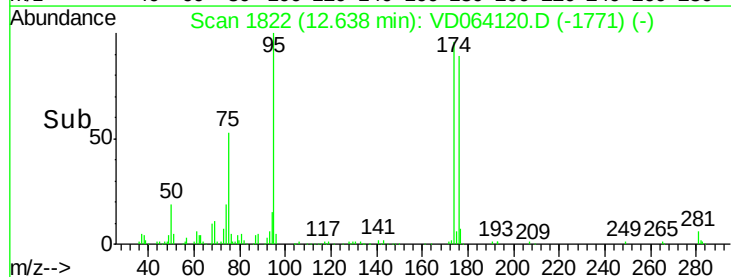
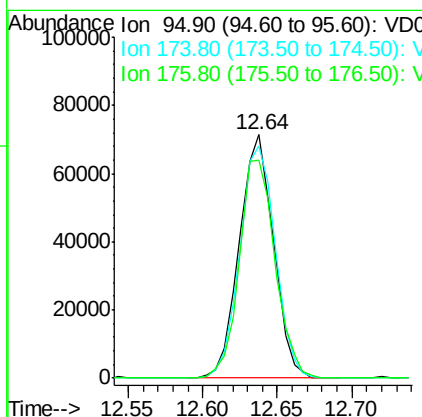
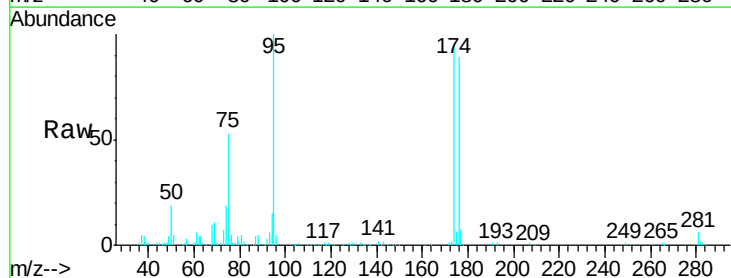
Instrument :
MSVOA_D
ClientSampleId :
20190942-AMENDED-COMPOSITE-

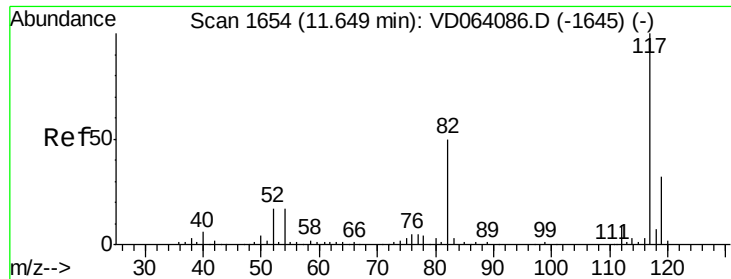
Tgt Ion: 98 Resp: 337059
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 50.570 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064120.D
Acq: 30 Oct 2019 18:54

Tgt Ion: 95 Resp: 113415
Ion Ratio Lower Upper
95 100
174 99.2 0.0 201.6
176 93.7 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064120.D

Acq: 30 Oct 2019 18:54

Instrument :

MSVOA_D

ClientSampleId :

20190942-AMENDED-COMPOSITE-

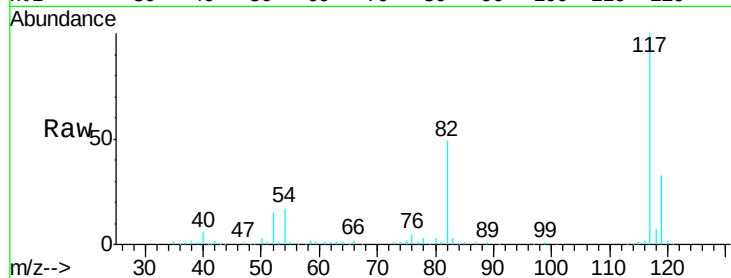
Tgt Ion:117 Resp: 281963

Ion Ratio Lower Upper

117 100

82 49.4 40.2 60.4

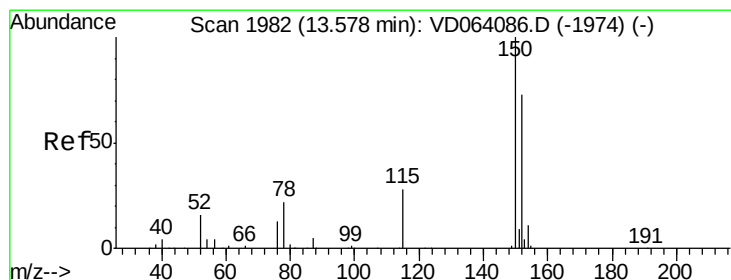
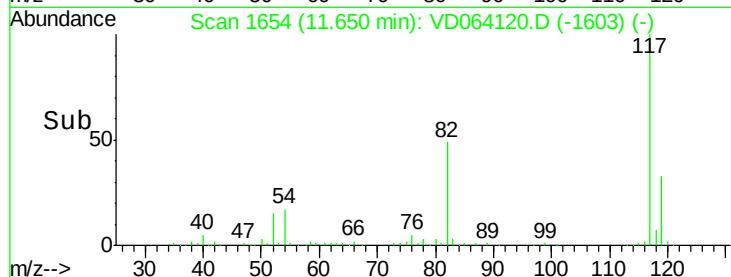
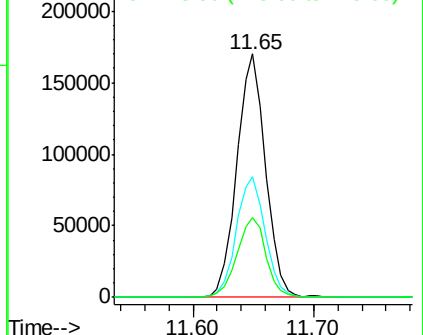
119 33.0 26.0 39.0



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# 1982

Delta R.T. 0.00 min

Lab File: VD064120.D

Acq: 30 Oct 2019 18:54

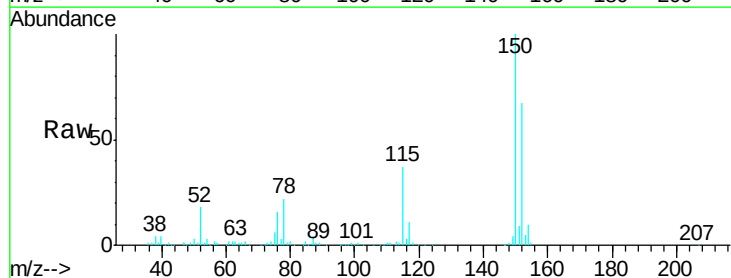
Tgt Ion:152 Resp: 134274

Ion Ratio Lower Upper

152 100

115 53.8 26.2 78.6

150 151.3 0.0 338.8



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

