

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012420\
 Data File : VD064954.D
 Acq On : 24 Jan 2020 20:31
 Operator : VA/SY
 Sample : L1242-10
 Misc : 5.08G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20200063-AMENDED-COMP-1

Quant Time: Jan 25 03:38:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

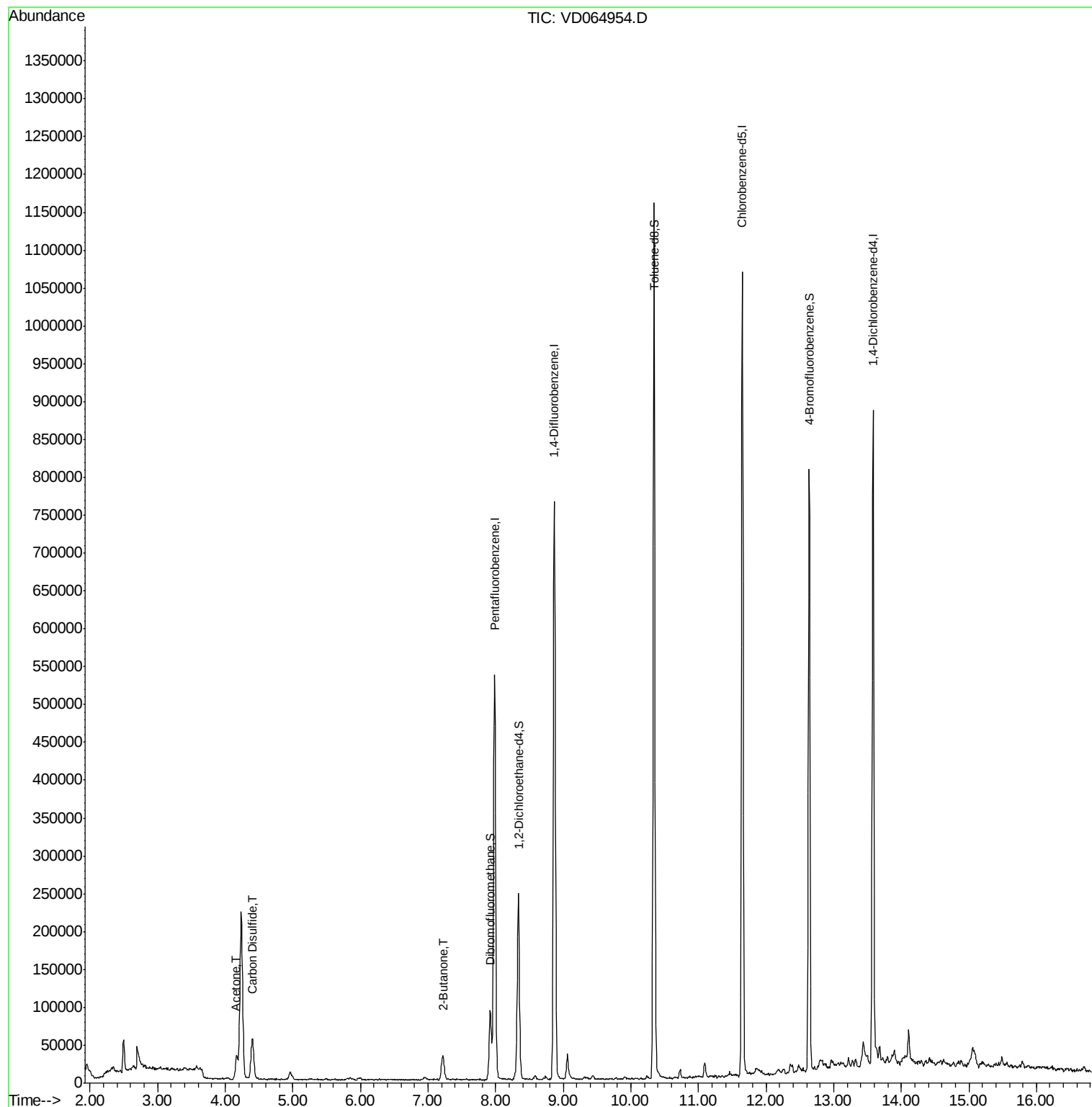
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	402312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	651685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	588980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	232658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	192873	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
35) Dibromofluoromethane	7.92	113	64487	15.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	31.50%	
50) Toluene-d8	10.34	98	771104	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.64	95	234974	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
Target Compounds						
16) Acetone	4.17	43	57247	65.622	ug/l	94
17) Carbon Disulfide	4.40	76	114968	9.975	ug/l	95
25) 2-Butanone	7.23	43	14502	13.910	ug/l	90

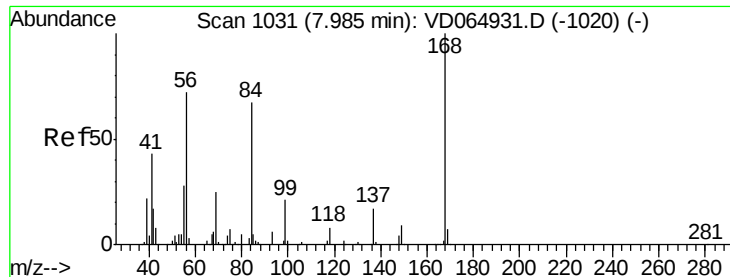
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064954.D

Acq: 24 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampleId :

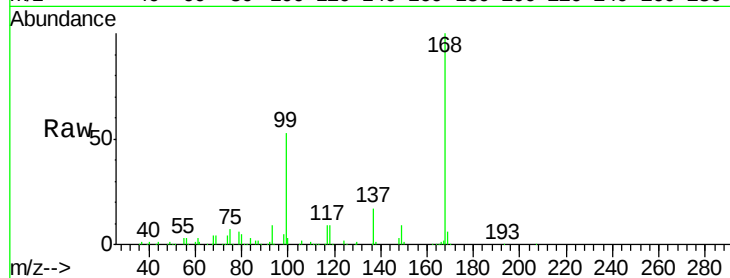
20200063-AMENDED-COMP-1

Tot Ion:168 Resp: 402312

Ion Ratio Lower Upper

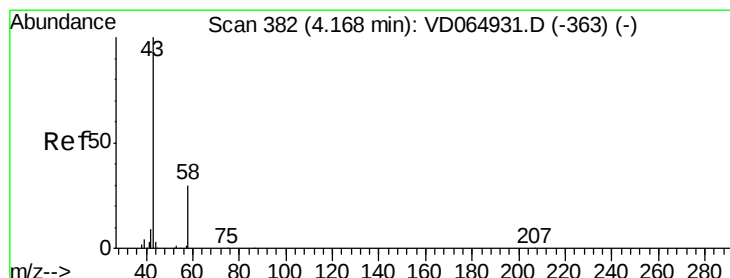
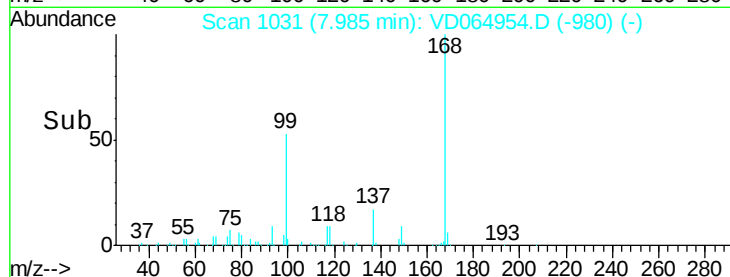
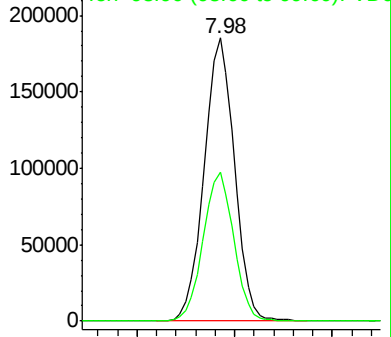
168 100

99 52.8 43.3 64.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 65.622 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064954.D

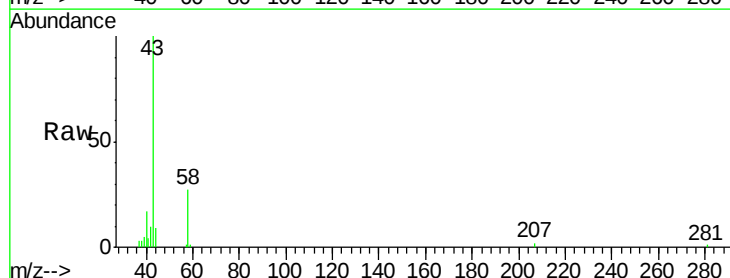
Acq: 24 Jan 2020 20:31

Tgt Ion: 43 Resp: 57247

Ion Ratio Lower Upper

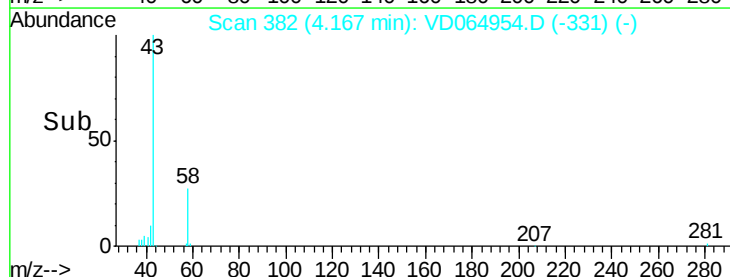
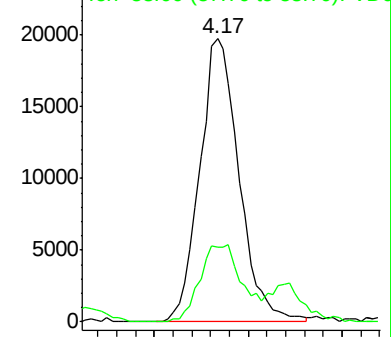
43 100

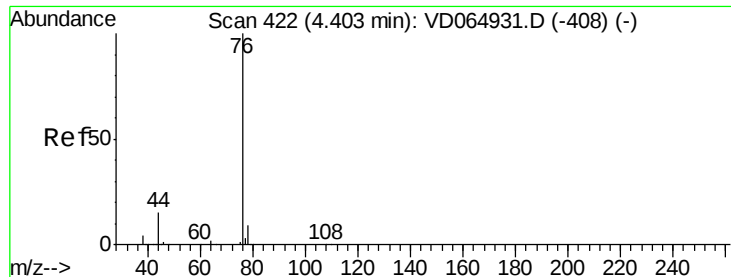
58 26.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 9.975 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD064954.D

Acq: 24 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampleId :

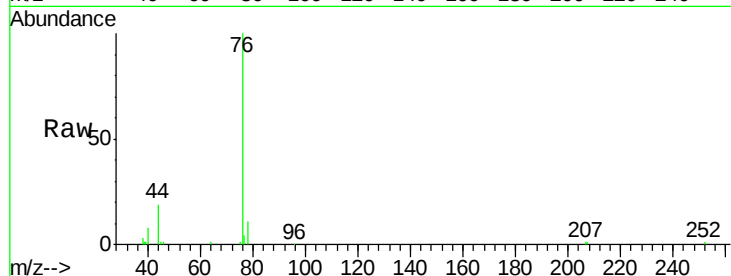
20200063-AMENDED-COMP-1

Tot Ion: 76 Resp: 114968

Ion Ratio Lower Upper

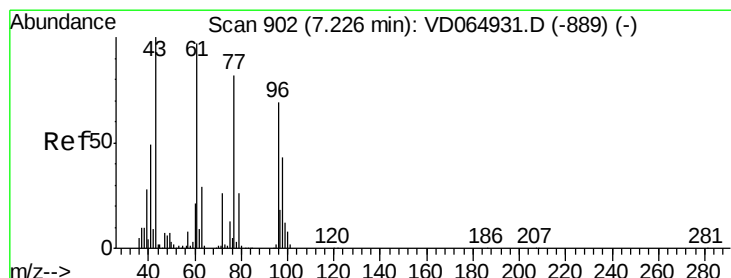
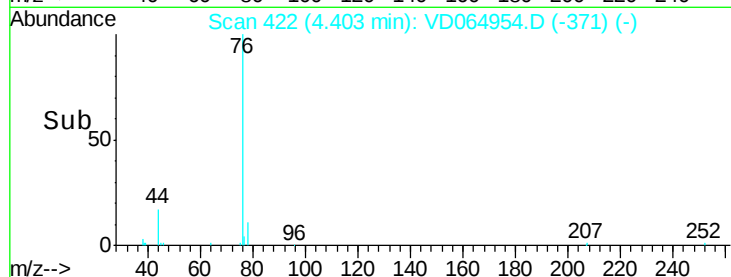
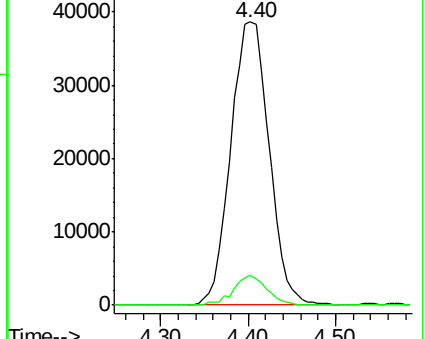
76 100

78 10.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#25

2-Butanone

Concen: 13.910 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064954.D

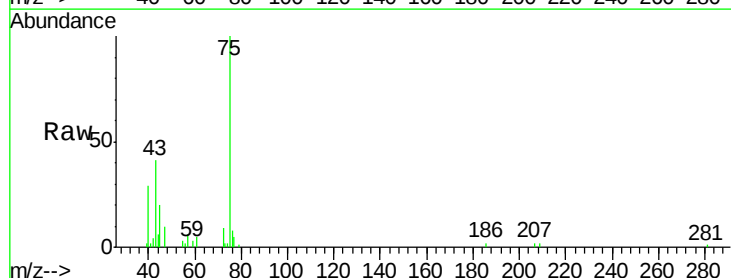
Acq: 24 Jan 2020 20:31

Tgt Ion: 43 Resp: 14502

Ion Ratio Lower Upper

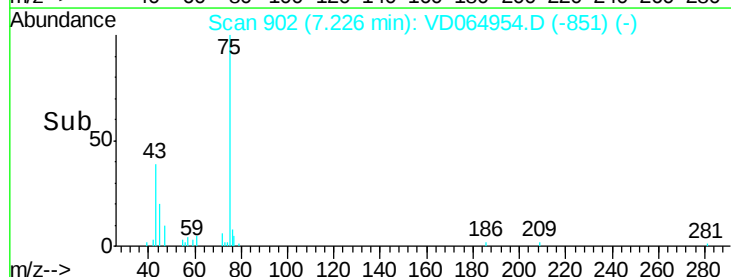
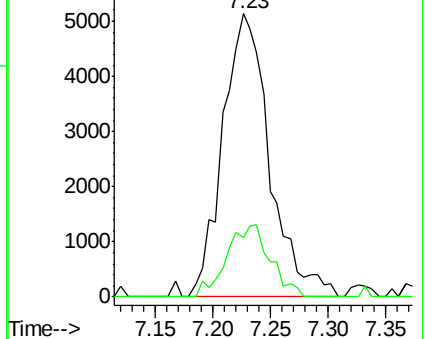
43 100

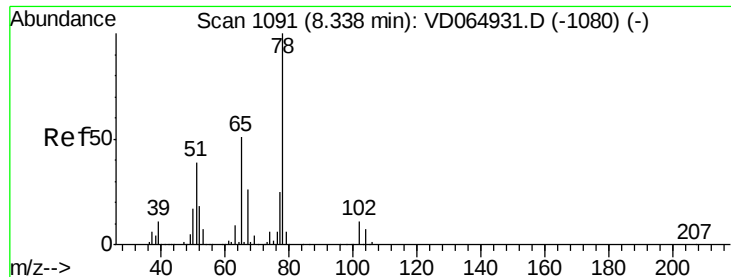
72 20.9 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 49.979 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064954.D

Acq: 24 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampleId :

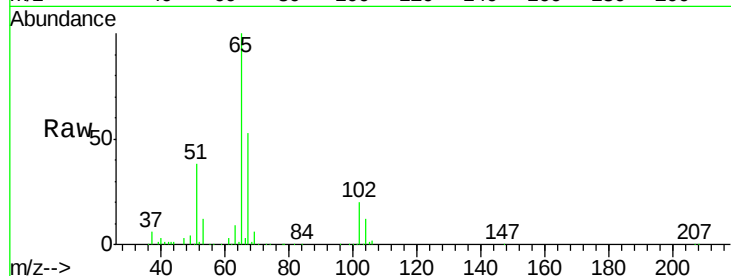
20200063-AMENDED-COMP-1

Tot Ion: 65 Resp: 192873

Ion Ratio Lower Upper

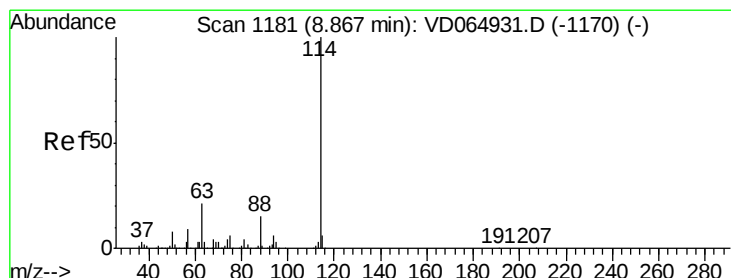
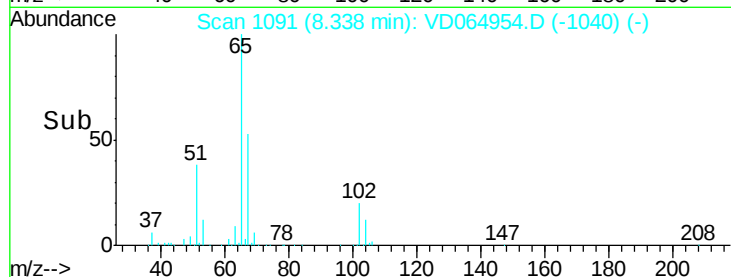
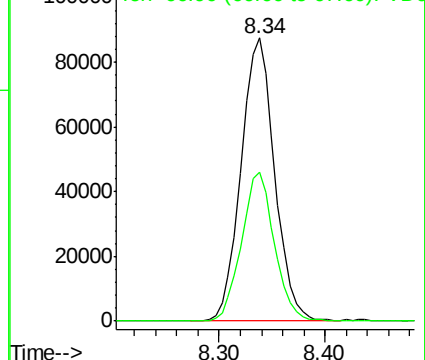
65 100

67 51.7 0.0 103.6



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: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD064954.D

Acq: 24 Jan 2020 20:31

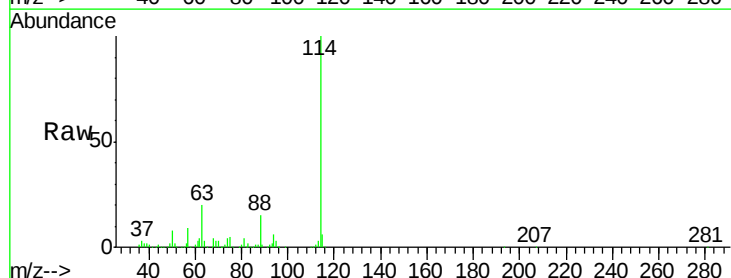
Tgt Ion: 114 Resp: 651685

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.0

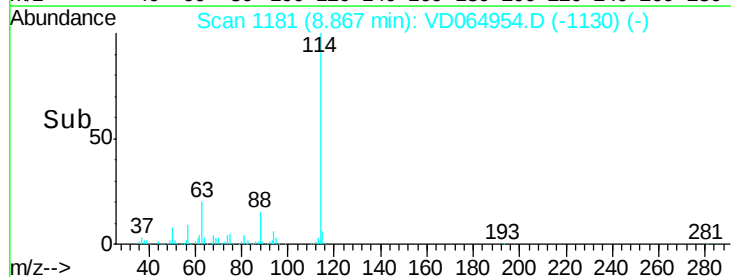
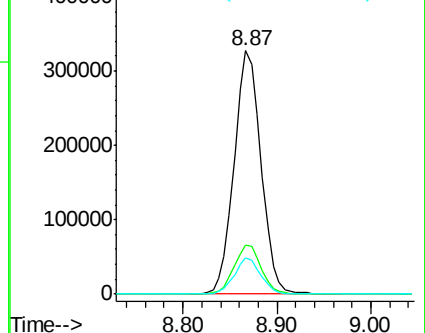
88 14.8 0.0 29.4

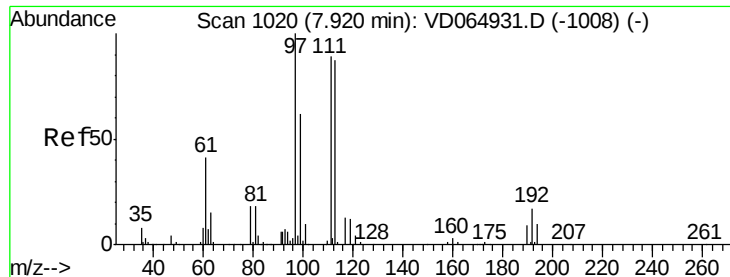


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

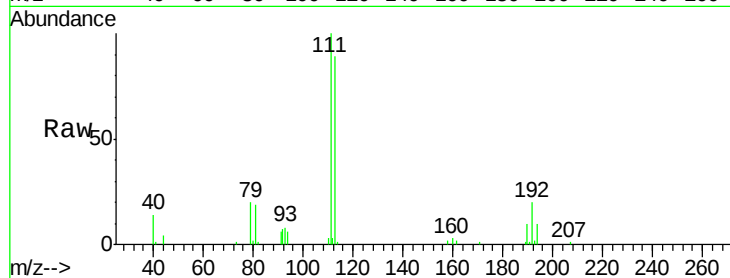




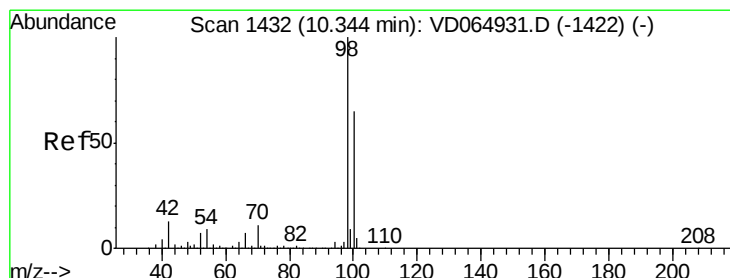
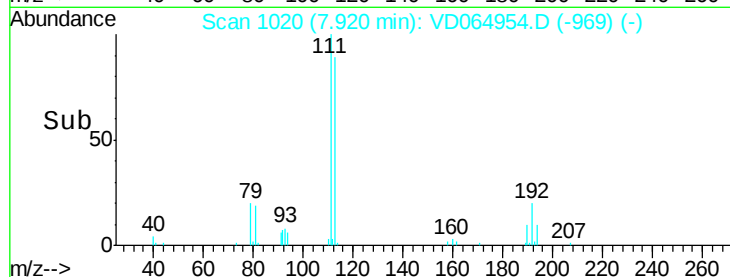
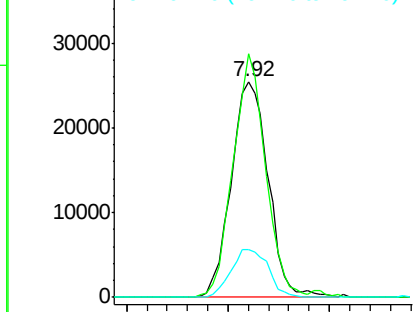
#35
 Dibromofluoromethane
 Concen: 15.747 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064954.D
 Acq: 24 Jan 2020 20:31

Instrument :
 MSVOA_D
 ClientSampleId :
 20200063-AMENDED-COMP-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	99.2	82.4	123.6
192	22.2	16.9	25.3

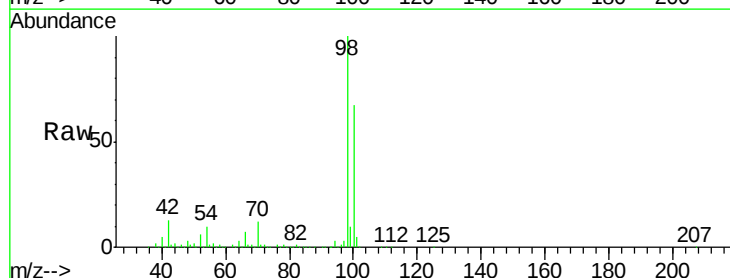


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

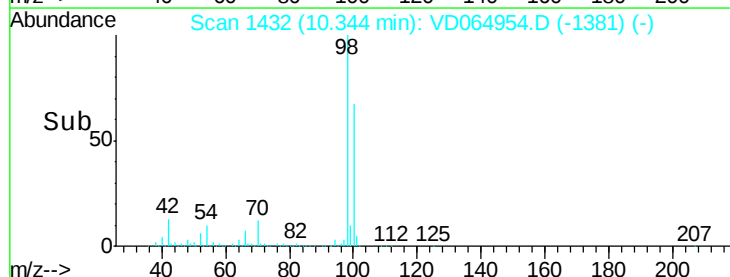
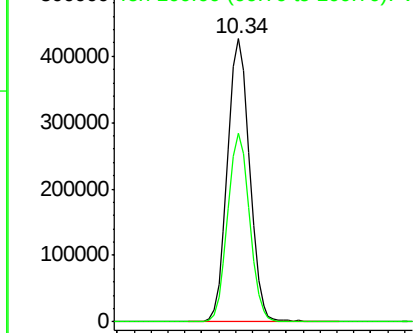


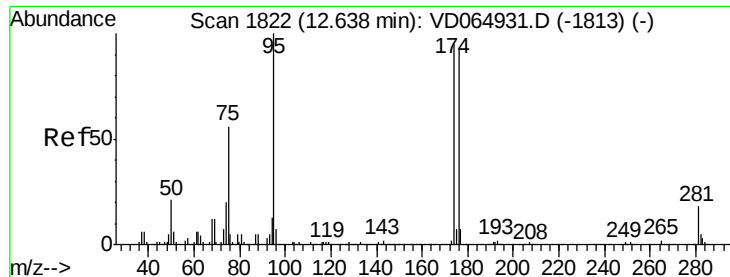
#50
 Toluene-d8
 Concen: 48.785 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD064954.D
 Acq: 24 Jan 2020 20:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.3	78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC
 Ion 100.00 (99.70 to 100.70): VDC

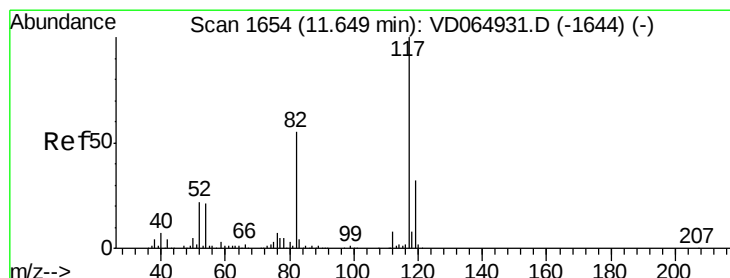
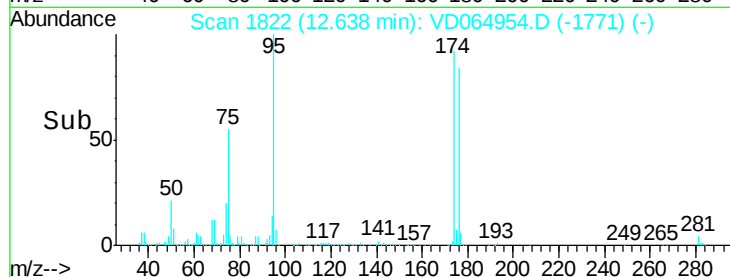
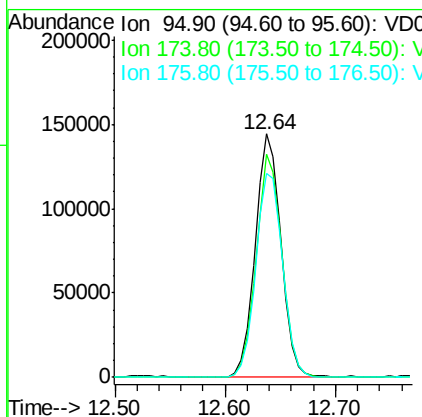
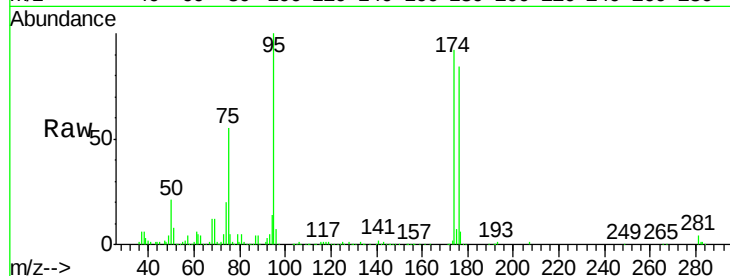




#62
4-Bromofluorobenzene
Concen: 48.578 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064954.D
Acq: 24 Jan 2020 20:31

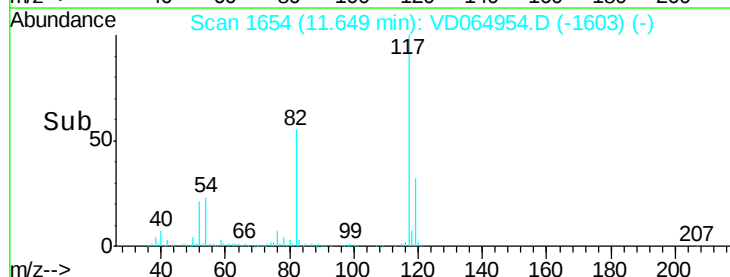
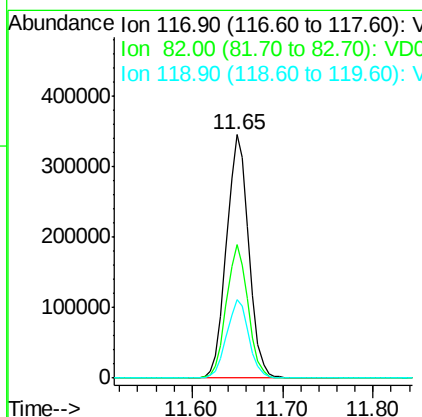
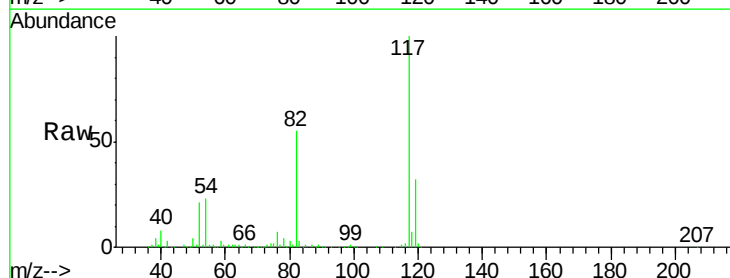
Instrument :
MSVOA_D
ClientSampleId :
20200063-AMENDED-COMP-1

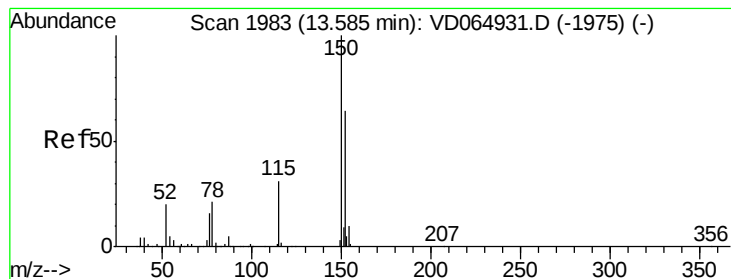
Tot Ion: 95 Resp: 234974
Ion Ratio Lower Upper
95 100
174 91.8 0.0 186.8
176 88.0 0.0 183.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064954.D
Acq: 24 Jan 2020 20:31

Tgt Ion: 117 Resp: 588980
Ion Ratio Lower Upper
117 100
82 54.8 43.6 65.4
119 32.2 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. -0.00 min

Lab File: VD064954.D

Acq: 24 Jan 2020 20:31

Instrument :

MSVOA_D

ClientSampleId :

20200063-AMENDED-COMP-1

Tot Ion:152 Resp: 232658

Ion Ratio Lower Upper

152 100

115 55.2 28.1 84.4

150 155.2 0.0 350.4

