

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012720\
 Data File : VD064970.D
 Acq On : 27 Jan 2020 18:20
 Operator : VA/SY
 Sample : L1242-14RE
 Misc : 5.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20200067-AMENDED-COMP-5RE

Quant Time: Jan 27 22:54:28 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

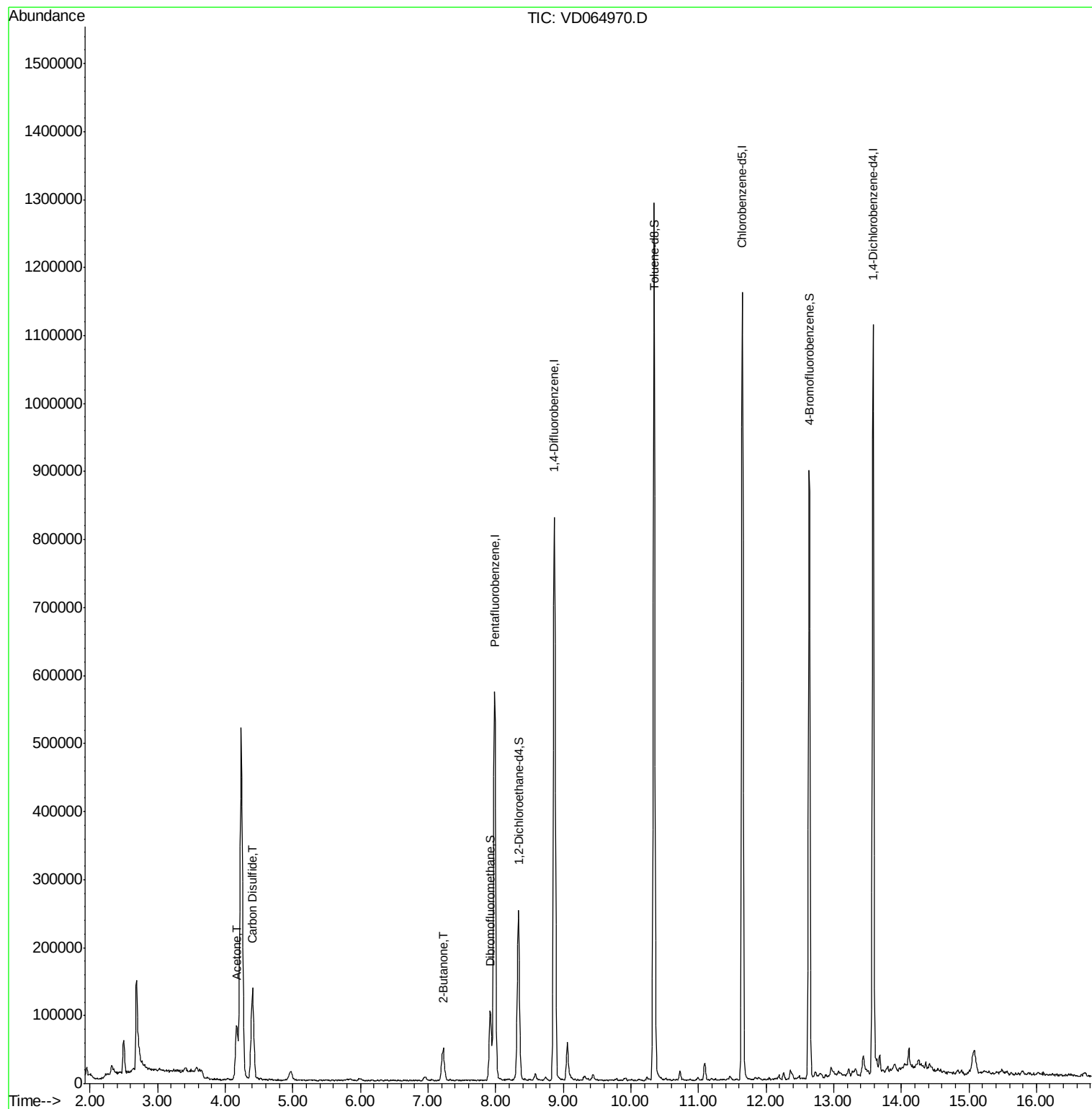
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	448056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	721521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	662209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	295535	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	198746	46.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.48%	
35) Dibromofluoromethane	7.92	113	72286	15.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	31.88%	
50) Toluene-d8	10.34	98	862424	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.64	95	274750	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
Target Compounds						
16) Acetone	4.17	43	149793	142.246	ug/l	93
17) Carbon Disulfide	4.40	76	284040	22.128	ug/l	99
25) 2-Butanone	7.23	43	36629	31.546	ug/l #	84

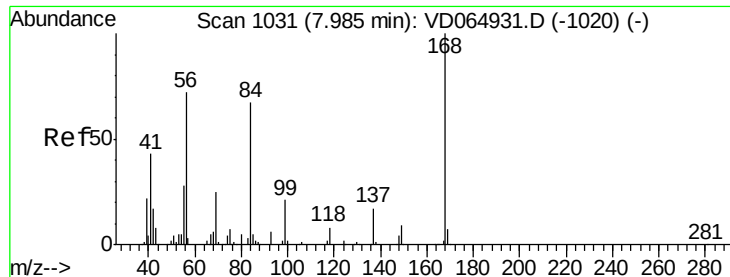
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD064970.D

Acq: 27 Jan 2020 18:20

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ClientSampleId :

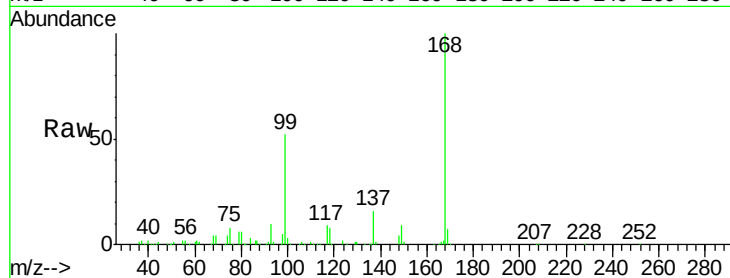
20200067-AMENDED-COMP-5RE

Tot Ion:168 Resp: 448056

Ion Ratio Lower Upper

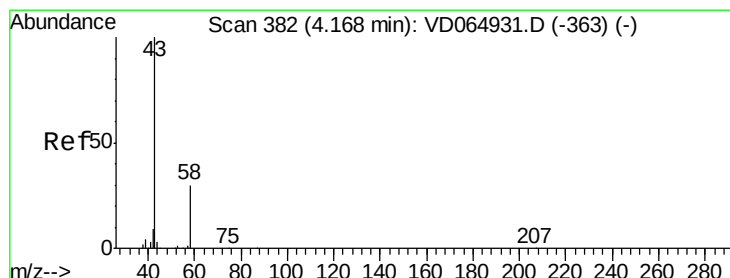
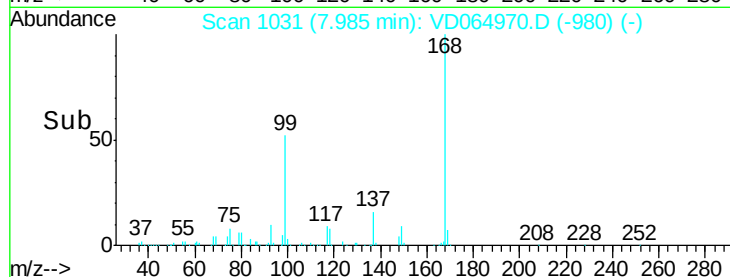
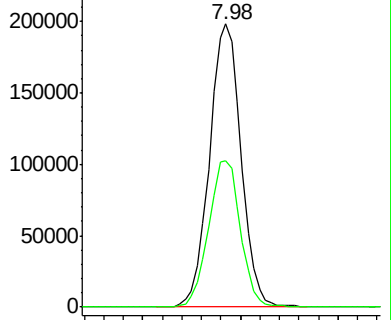
168 100

99 51.9 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: 142.246 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064970.D

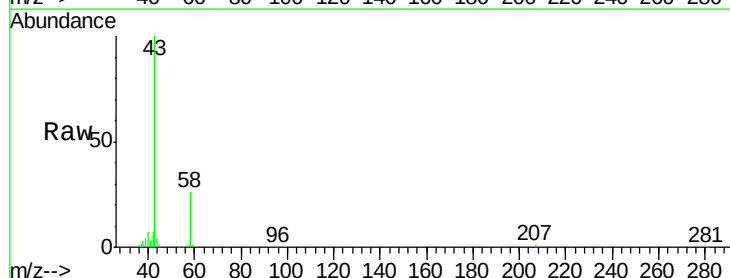
Acq: 27 Jan 2020 18:20

Tgt Ion: 43 Resp: 149793

Ion Ratio Lower Upper

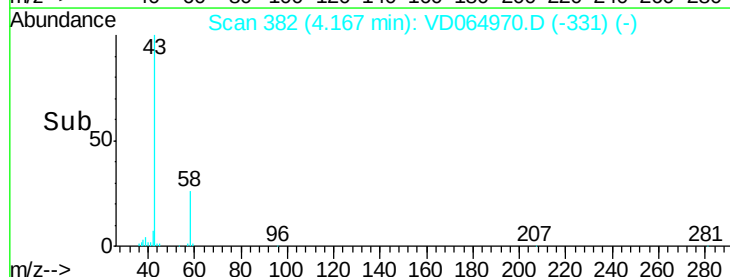
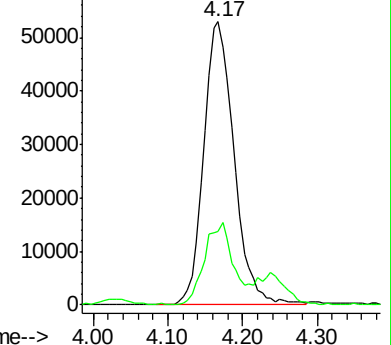
43 100

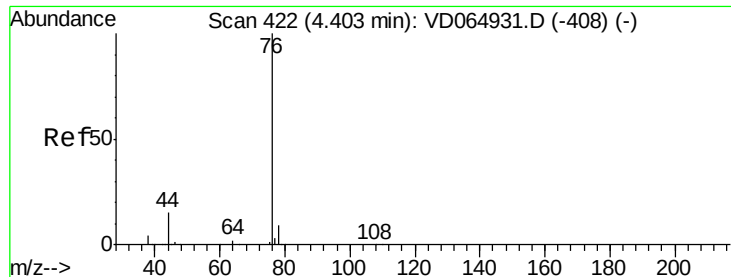
58 26.2 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 22.128 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.00 min

Lab File: VD064970.D

Acq: 27 Jan 2020 18:20

Instrument :

MSVOA_D

ClientSampleId :

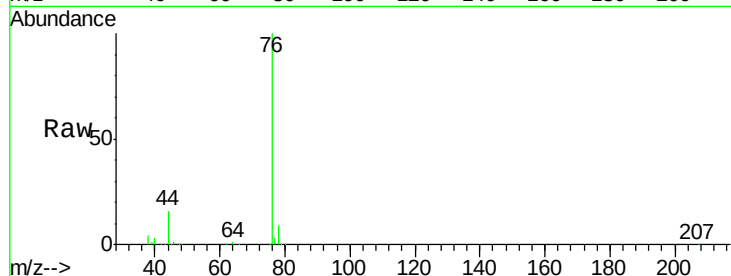
20200067-AMENDED-COMP-5RE

Tot Ion: 76 Resp: 284040

Ion Ratio Lower Upper

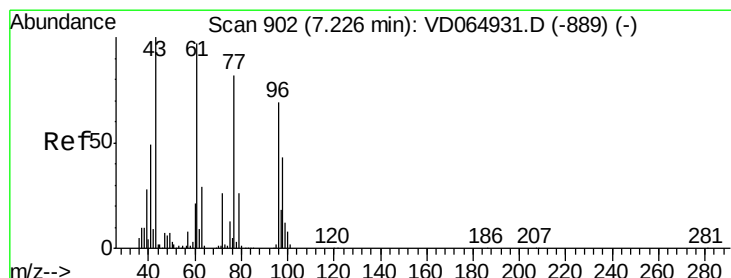
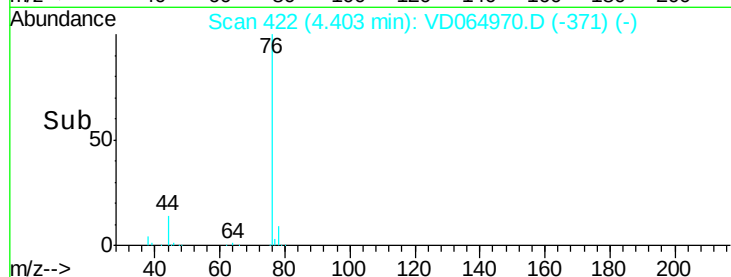
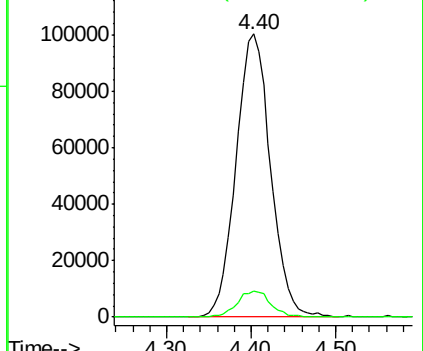
76 100

78 9.2 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: 31.546 ug/l

RT: 7.23 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD064970.D

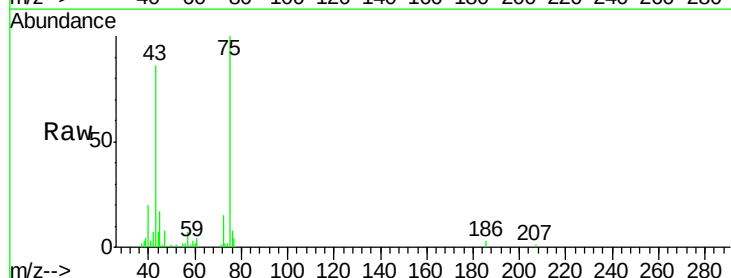
Acq: 27 Jan 2020 18:20

Tgt Ion: 43 Resp: 36629

Ion Ratio Lower Upper

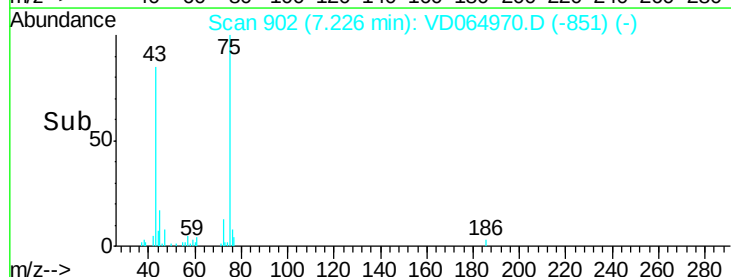
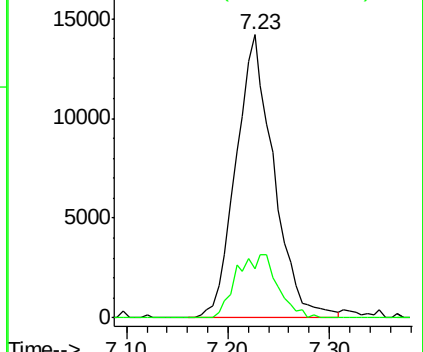
43 100

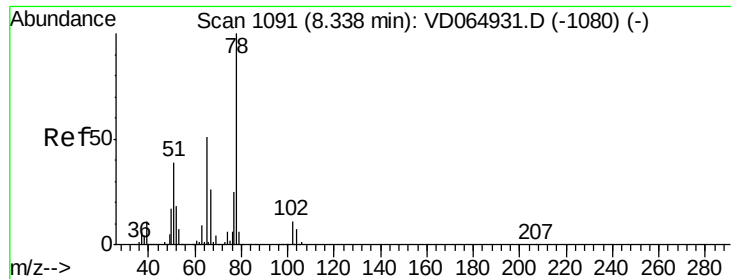
72 17.4 20.6 31.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

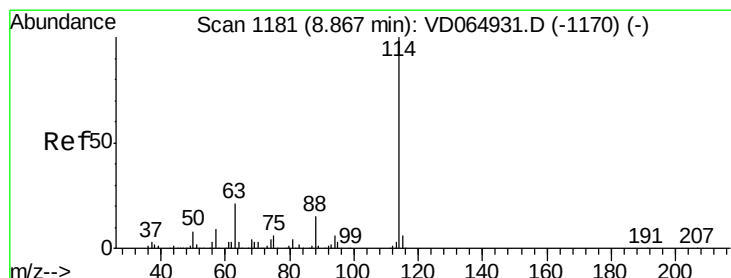
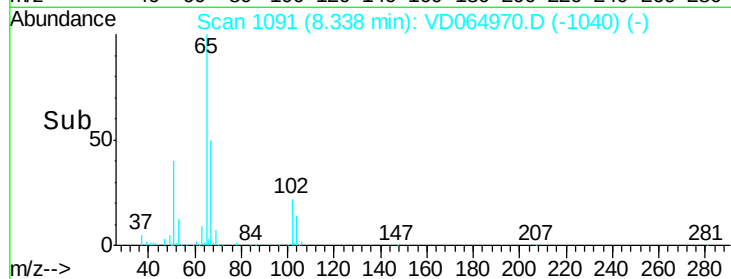
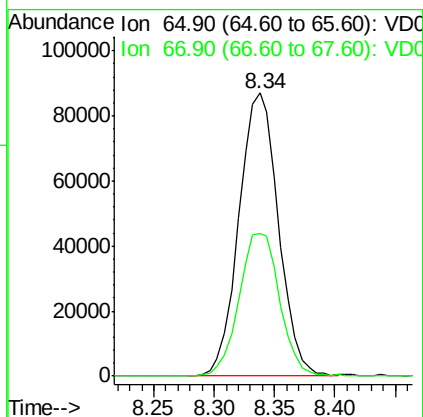
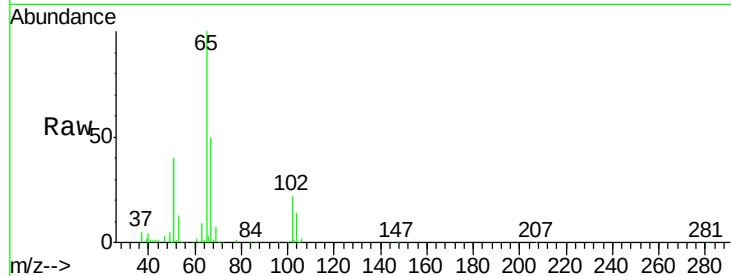




#33
 1,2-Dichloroethane-d4
 Concen: 46.243 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064970.D
 Acq: 27 Jan 2020 18:20

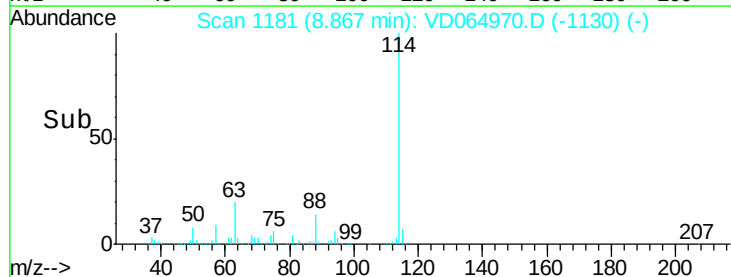
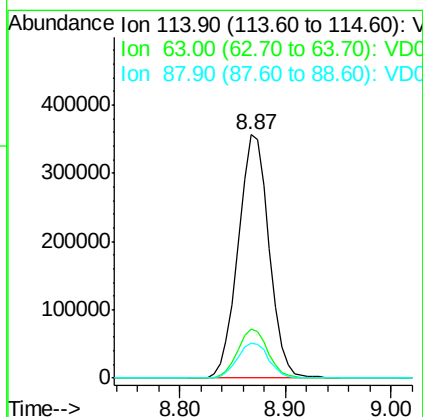
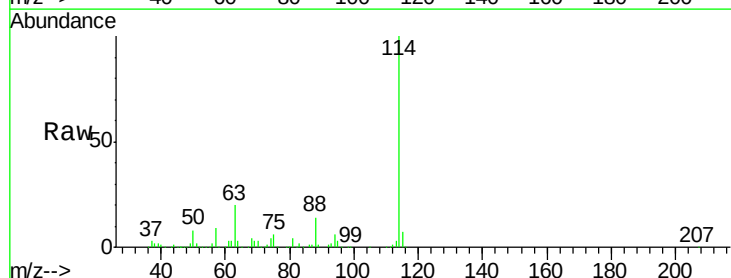
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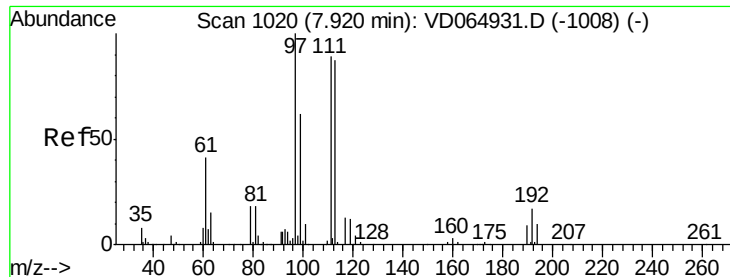
Tot Ion: 65 Resp: 198746
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064970.D
 Acq: 27 Jan 2020 18:20

Tgt Ion: 114 Resp: 721521
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 42.0
 88 14.4 0.0 29.4

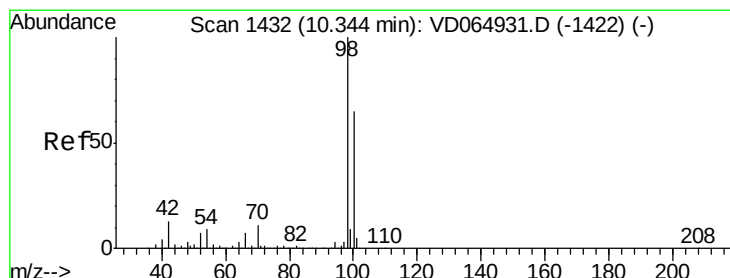
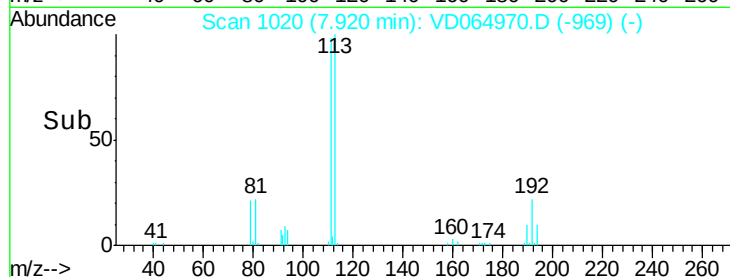
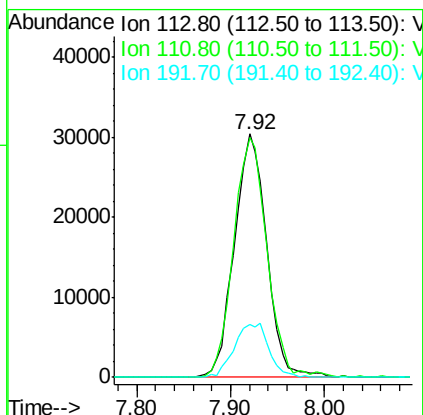
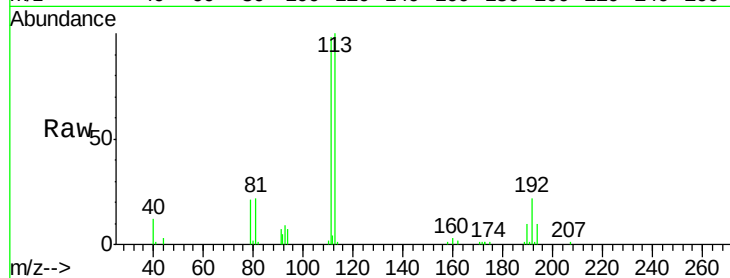




#35
 Dibromofluoromethane
 Concen: 15.943 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064970.D
 Acq: 27 Jan 2020 18:20

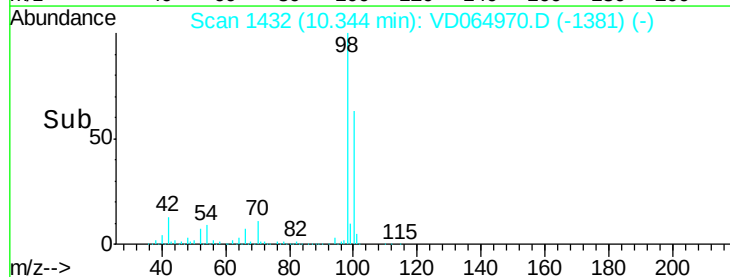
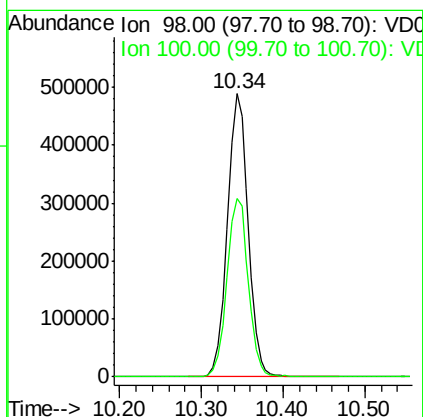
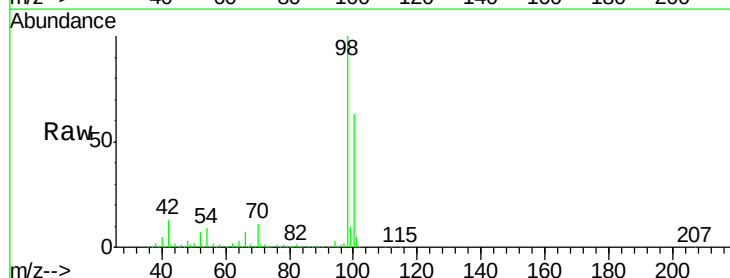
Instrument :
 MSVOA_D
 ClientSampleId :
 20200067-AMENDED-COMP-5RE

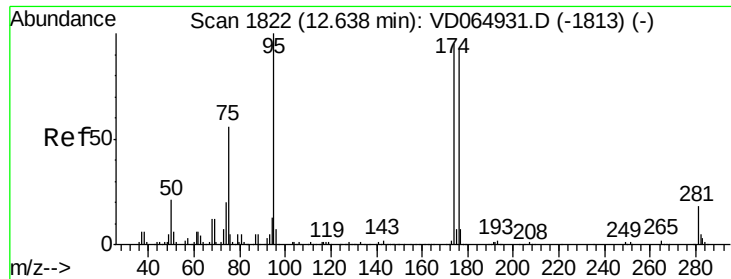
Tot Ion:113 Resp: 72286
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.4 123.6
 192 23.6 16.9 25.3



#50
 Toluene-d8
 Concen: 49.281 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD064970.D
 Acq: 27 Jan 2020 18:20

Tgt Ion: 98 Resp: 862424
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.3 78.5

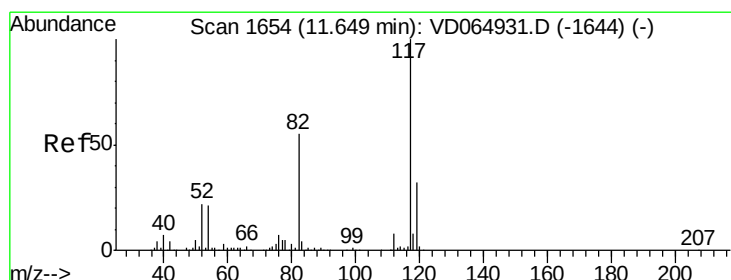
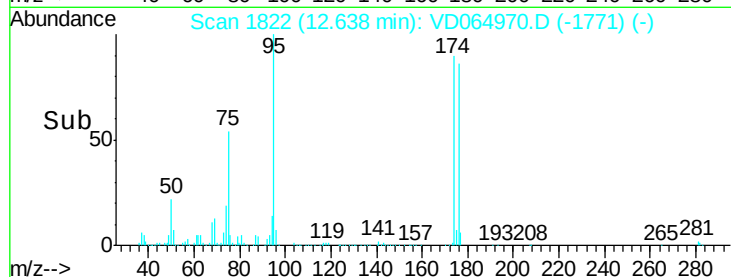
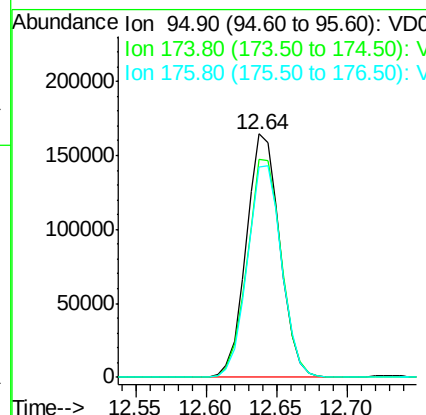
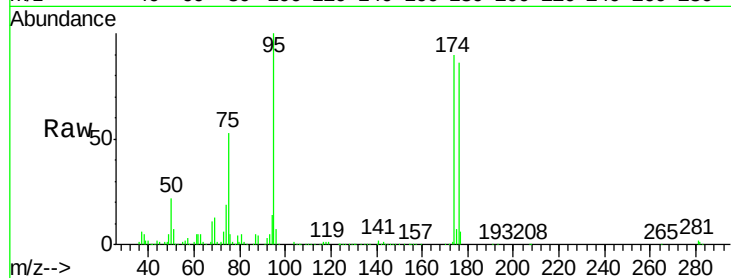




#62
4-Bromofluorobenzene
Concen: 51.304 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064970.D
Acq: 27 Jan 2020 18:20

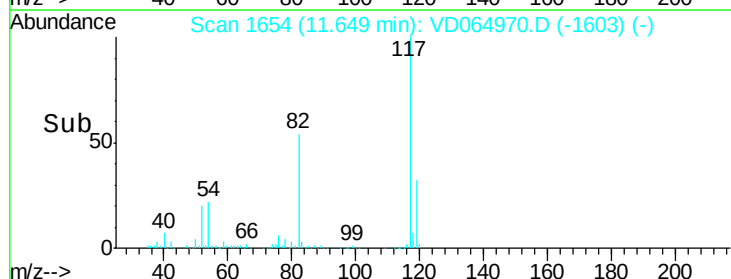
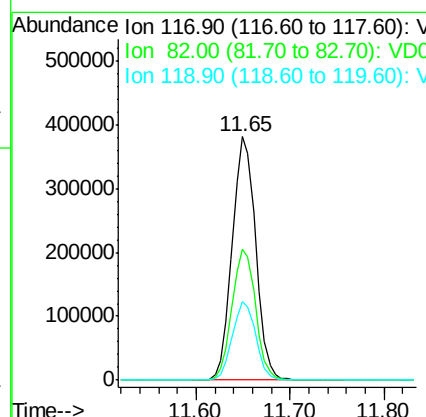
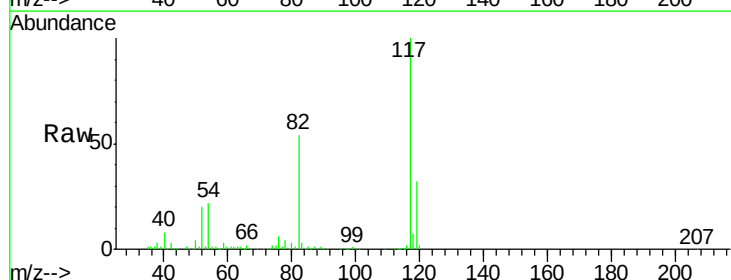
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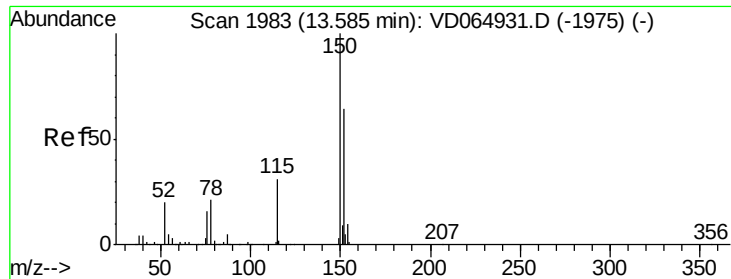
Tot Ion: 95 Resp: 274750
Ion Ratio Lower Upper
95 100
174 90.9 0.0 186.8
176 88.4 0.0 183.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064970.D
Acq: 27 Jan 2020 18:20

Tgt Ion: 117 Resp: 662209
Ion Ratio Lower Upper
117 100
82 53.8 43.6 65.4
119 32.2 25.2 37.8

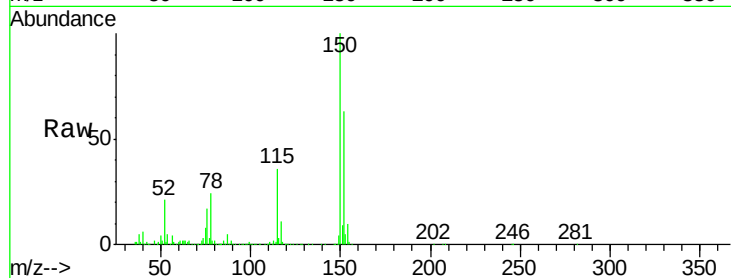




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: VD064970.D
 Acq: 27 Jan 2020 18:20

Instrument :
 MSVOA_D
 ClientSampleId :
 20200067-AMENDED-COMP-5RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.1	84.4
150	155.3	0.0	350.4



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

