

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012720\
 Data File : VD064968.D
 Acq On : 27 Jan 2020 17:22
 Operator : VA/SY
 Sample : L1242-12RE
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20200065-AMENDED-COMP-3RE

Quant Time: Jan 27 22:47:27 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

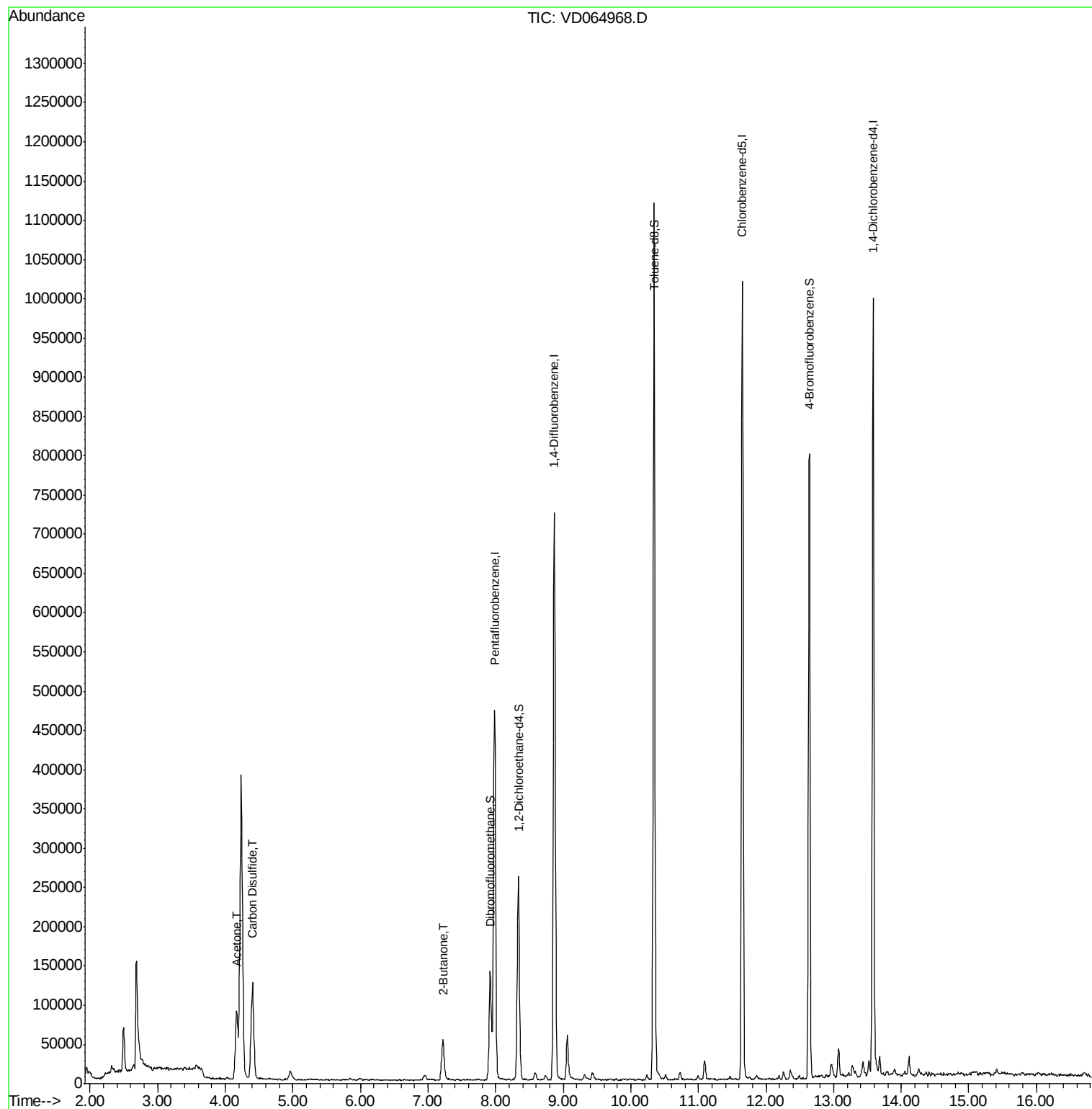
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	371289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	604733	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	582600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	262563	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	203180	57.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.10%	
35) Dibromofluoromethane	7.92	113	93862	24.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.40%	
50) Toluene-d8	10.34	98	731319	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.64	95	241060	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
Target Compounds						
16) Acetone	4.17	43	160811	185.553	ug/l	99
17) Carbon Disulfide	4.40	76	253288	23.812	ug/l	97
25) 2-Butanone	7.22	43	39859	41.426	ug/l	95

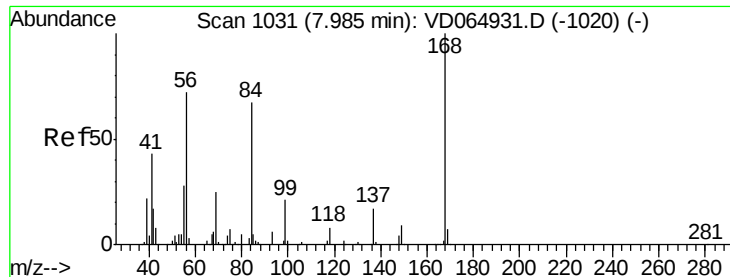
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064968.D

Acq: 27 Jan 2020 17:22

Instrument :

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ClientSampleId :

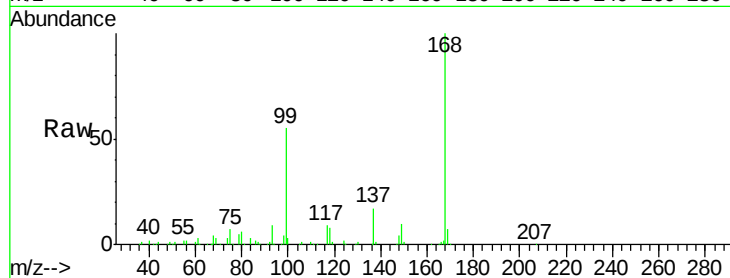
20200065-AMENDED-COMP-3RE

Tot Ion:168 Resp: 371289

Ion Ratio Lower Upper

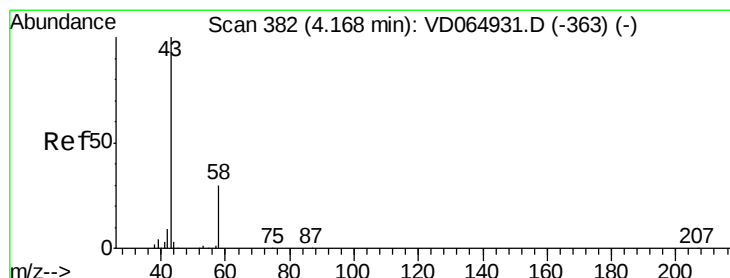
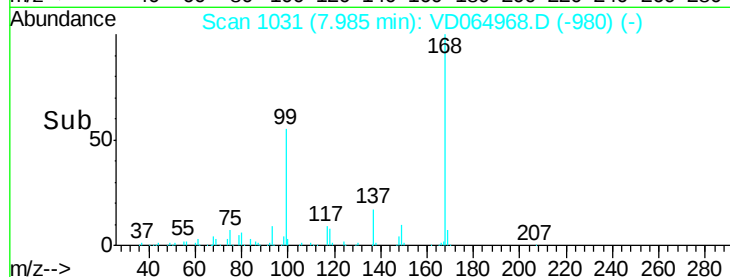
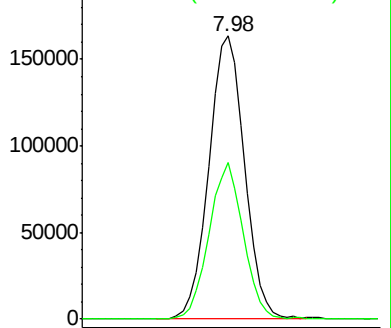
168 100

99 55.2 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: 185.553 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064968.D

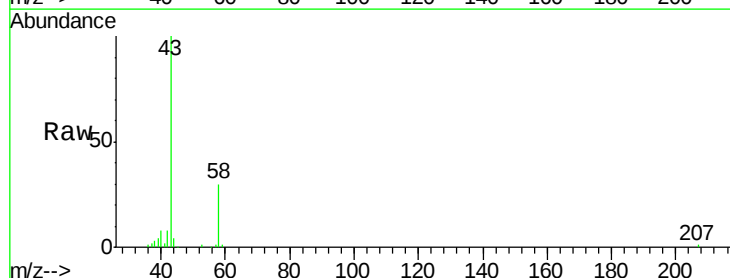
Acq: 27 Jan 2020 17:22

Tgt Ion: 43 Resp: 160811

Ion Ratio Lower Upper

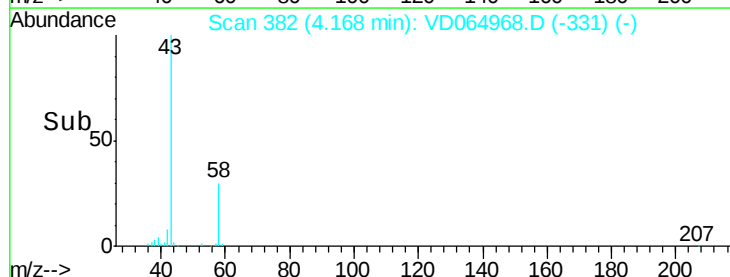
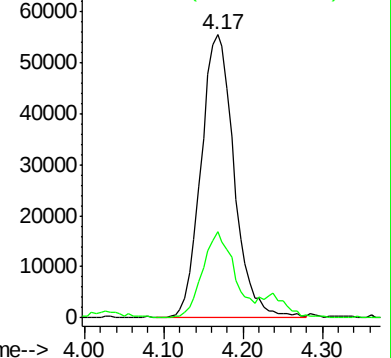
43 100

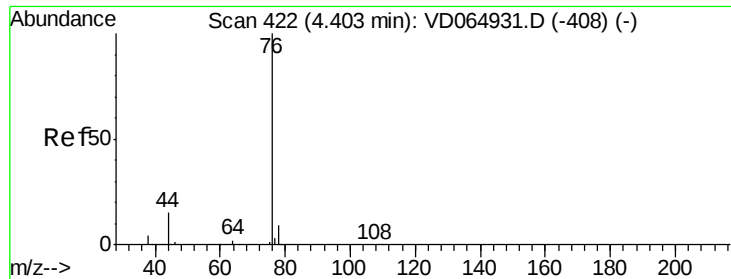
58 30.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

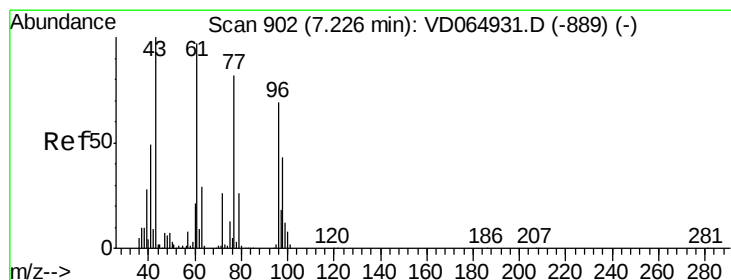
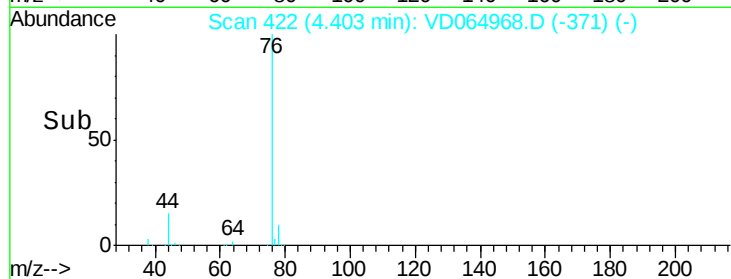
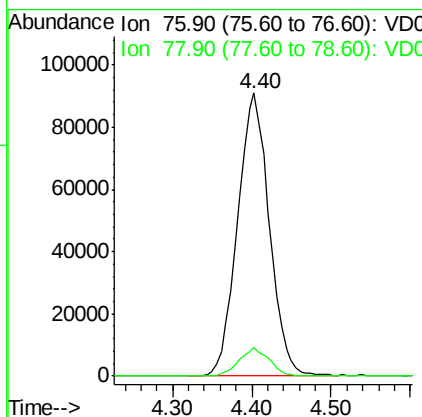
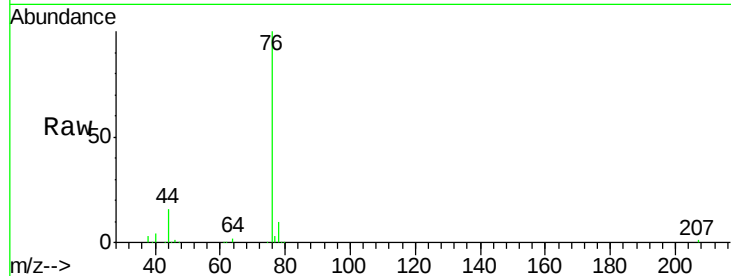




#17
Carbon Disulfide
Concen: 23.812 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.00 min
Lab File: VD064968.D
Acq: 27 Jan 2020 17:22

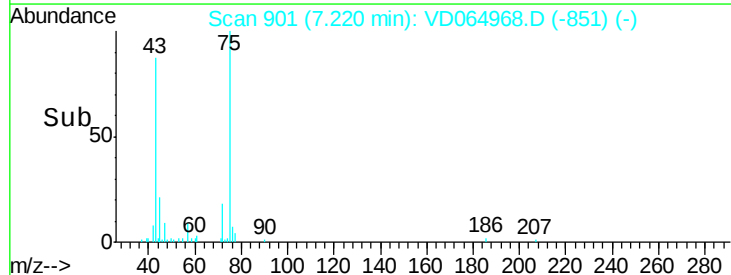
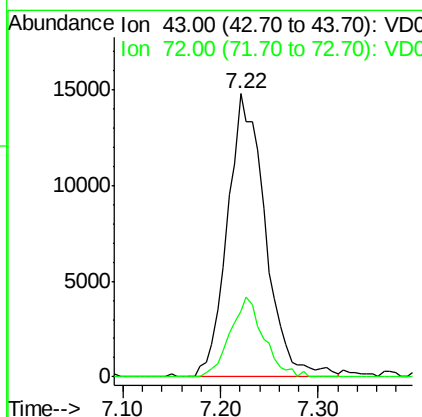
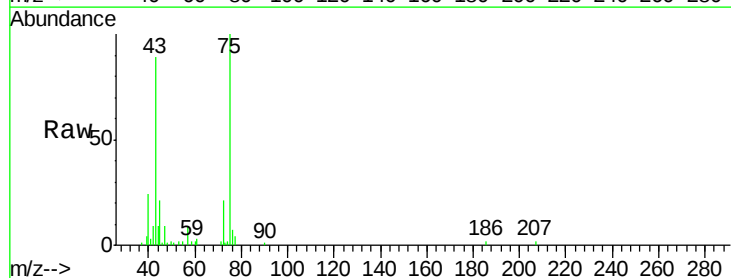
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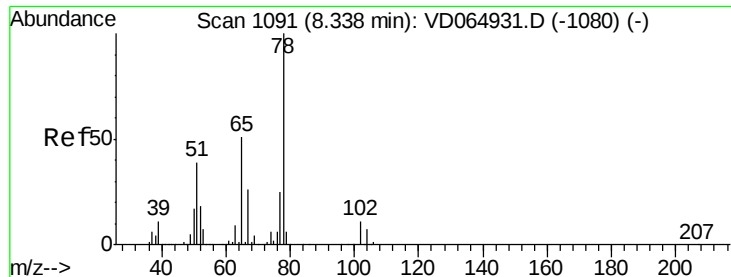
Tot Ion: 76 Resp: 253288
Ion Ratio Lower Upper
76 100
78 10.0 7.1 10.7



#25
2-Butanone
Concen: 41.426 ug/l
RT: 7.22 min Scan# 901
Delta R.T. -0.01 min
Lab File: VD064968.D
Acq: 27 Jan 2020 17:22

Tgt Ion: 43 Resp: 39859
Ion Ratio Lower Upper
43 100
72 23.3 20.6 31.0





#33

1,2-Dichloroethane-d4

Concen: 57.050 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064968.D

Acq: 27 Jan 2020 17:22

Instrument :

MSVOA_D

ClientSampleId :

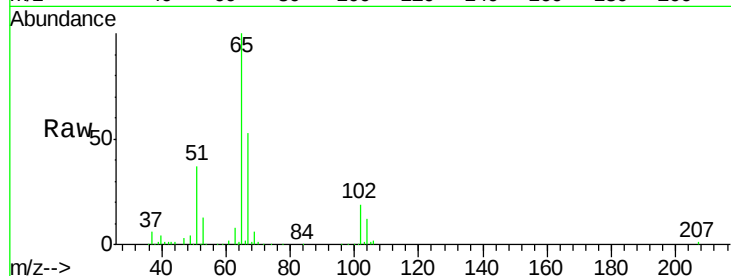
20200065-AMENDED-COMP-3RE

Tot Ion: 65 Resp: 203180

Ion Ratio Lower Upper

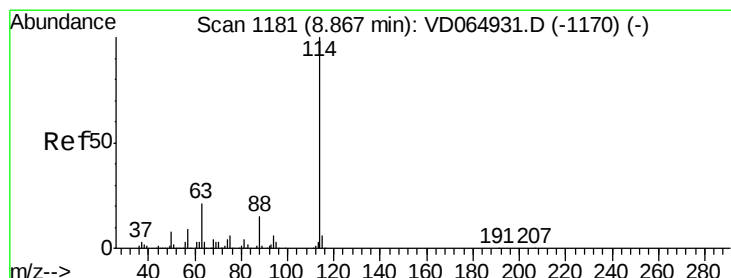
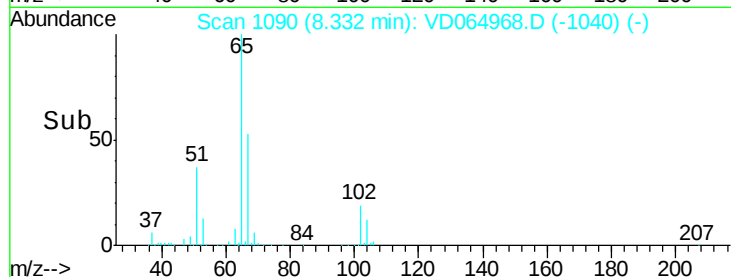
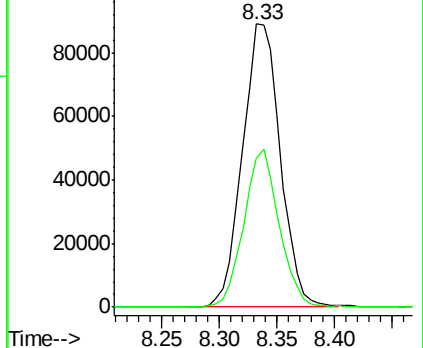
65 100

67 52.2 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: VD064968.D

Acq: 27 Jan 2020 17:22

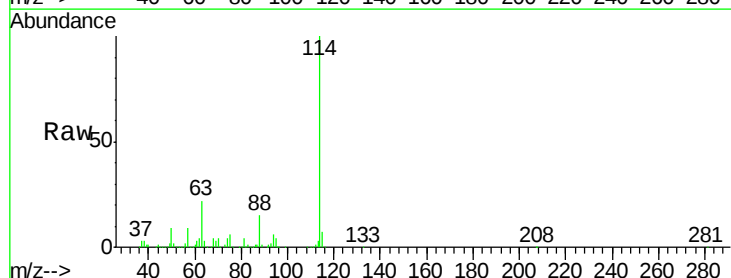
Tgt Ion: 114 Resp: 604733

Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.0

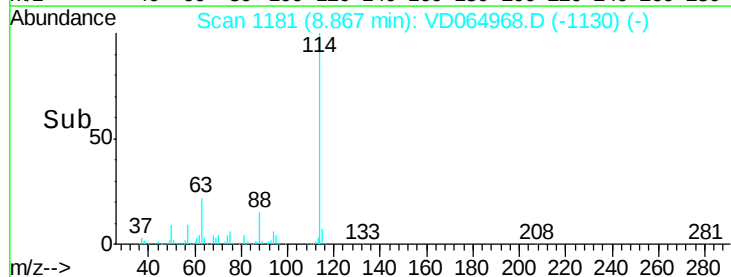
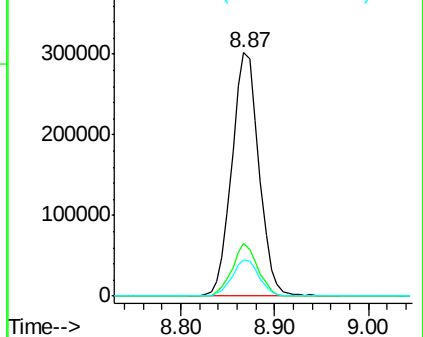
88 15.1 0.0 29.4

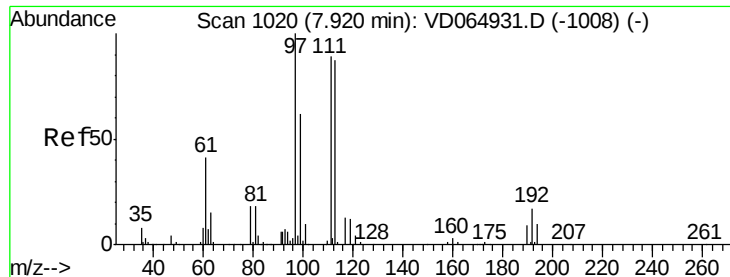


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

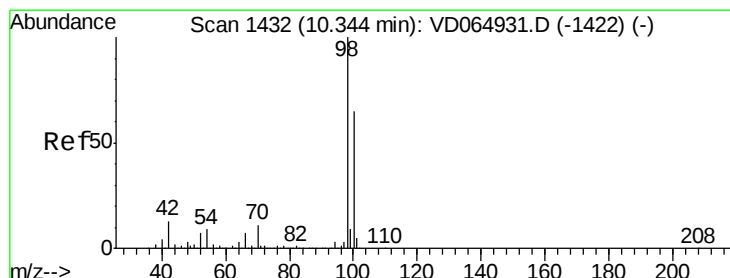
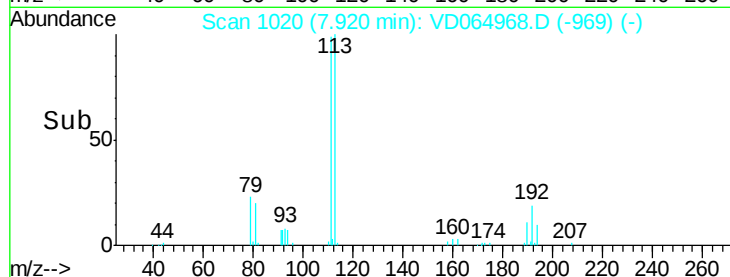
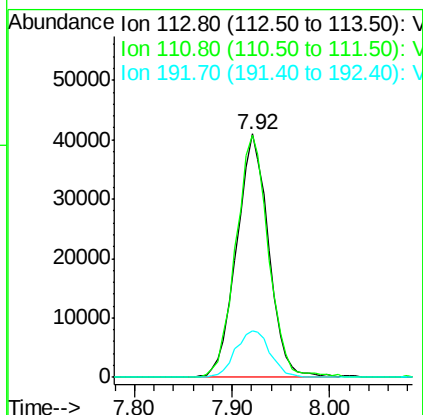
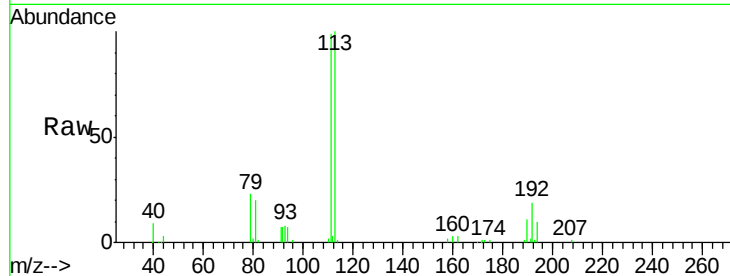




#35
 Dibromofluoromethane
 Concen: 24.699 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064968.D
 Acq: 27 Jan 2020 17:22

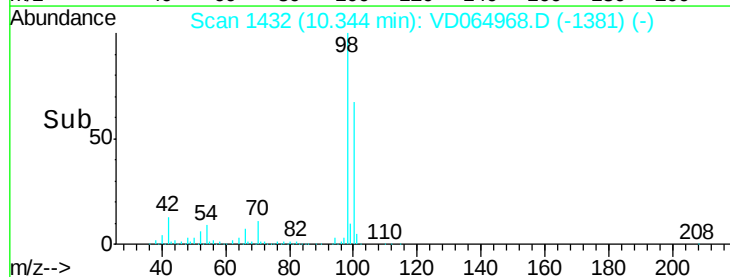
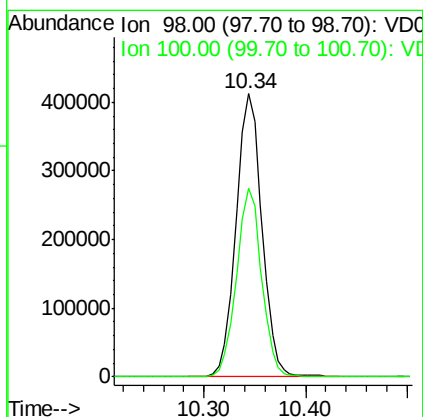
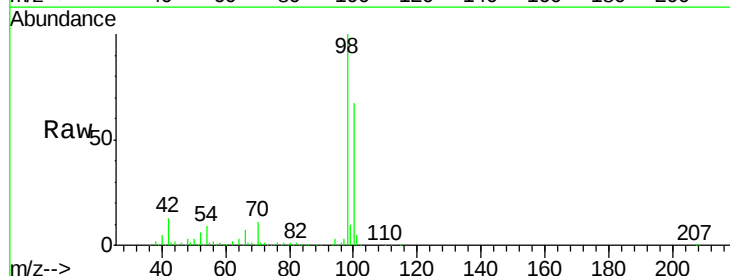
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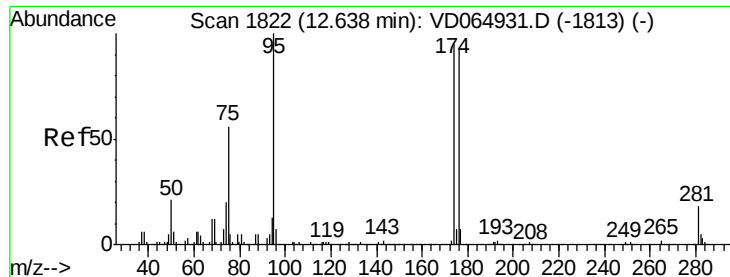
Tot Ion:113 Resp: 93862
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.4 123.6
 192 20.7 16.9 25.3



#50
 Toluene-d8
 Concen: 49.860 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD064968.D
 Acq: 27 Jan 2020 17:22

Tgt Ion: 98 Resp: 731319
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.3 78.5

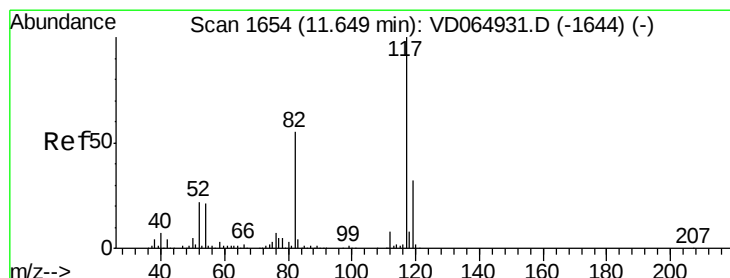
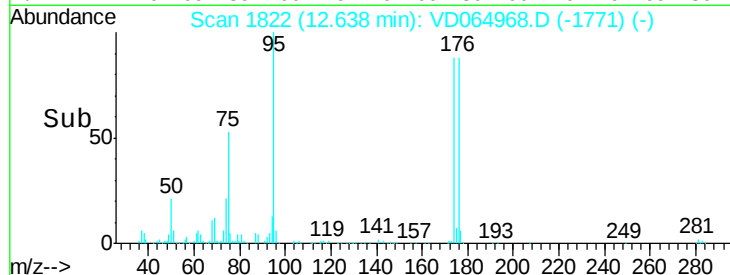
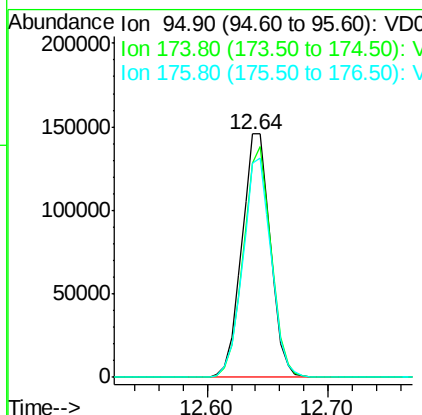
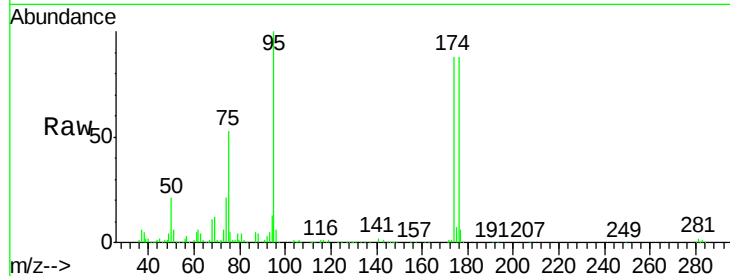




#62
4-Bromofluorobenzene
Concen: 53.706 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064968.D
Acq: 27 Jan 2020 17:22

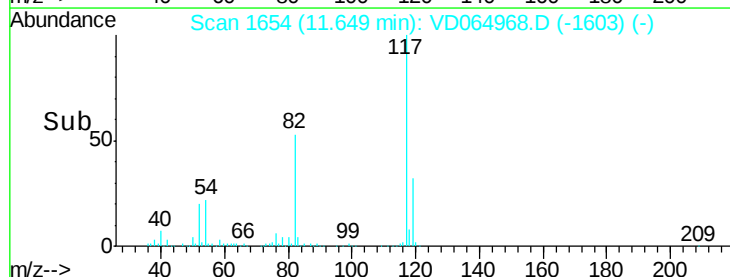
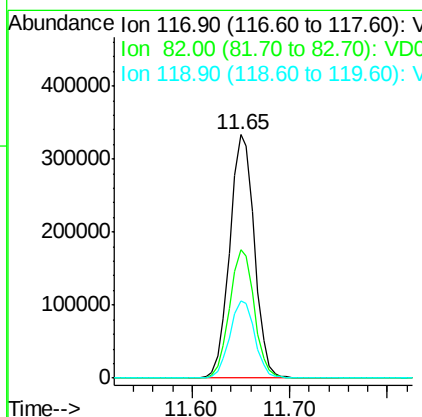
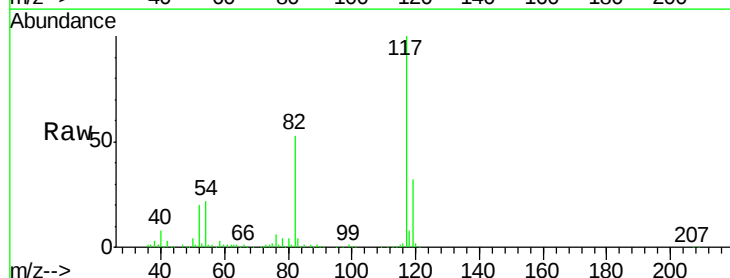
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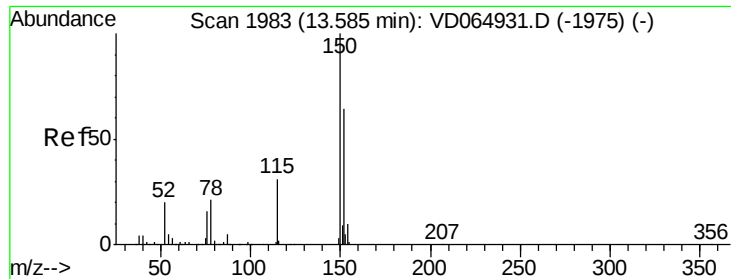
Tot Ion: 95 Resp: 241060
Ion Ratio Lower Upper
95 100
174 92.2 0.0 186.8
176 89.1 0.0 183.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064968.D
Acq: 27 Jan 2020 17:22

Tgt Ion: 117 Resp: 582600
Ion Ratio Lower Upper
117 100
82 53.0 43.6 65.4
119 31.8 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: VD064968.D

Acq: 27 Jan 2020 17:22

Instrument :

MSVOA_D

ClientSampleId :

20200065-AMENDED-COMP-3RE

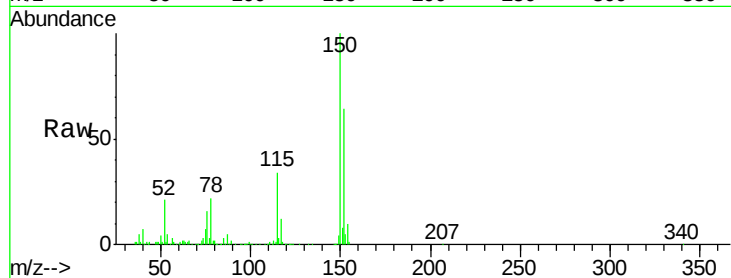
Tot Ion:152 Resp: 262563

Ion Ratio Lower Upper

152 100

115 53.4 28.1 84.4

150 156.5 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

