

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011020\
 Data File : VD064838.D
 Acq On : 10 Jan 2020 17:35
 Operator : VA/SY
 Sample : L1063-05
 Misc : 6.64G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB452_200108_30-32

Quant Time: Jan 13 05:52:18 2020
 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

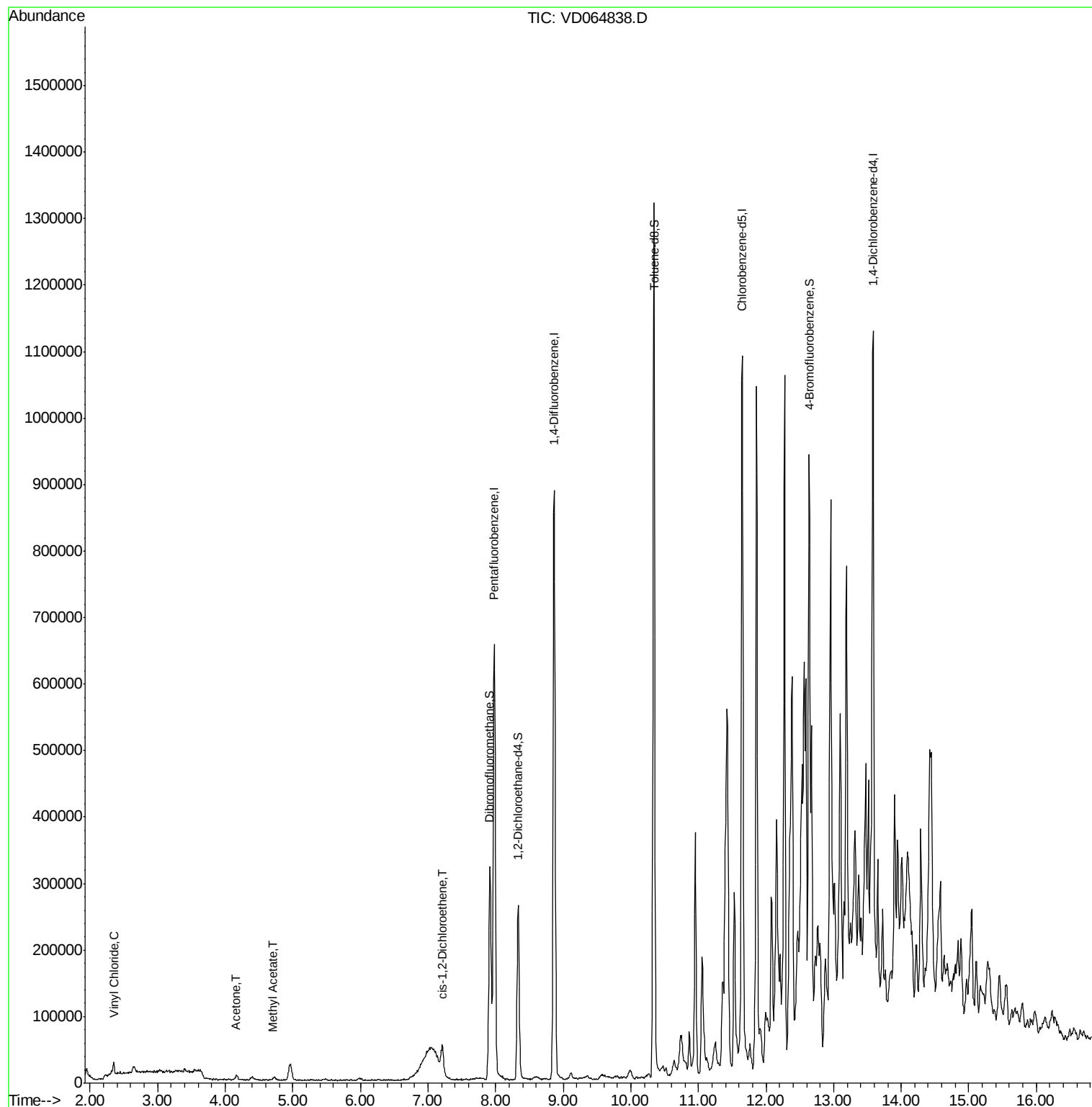
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	504613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	760241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	599293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	206944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	207250	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	7.91	113	224679	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
50) Toluene-d8	10.34	98	886657	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.64	95	222256	39.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.70%	
Target Compounds						
4) Vinyl Chloride	2.35	62	12065	1.804	ug/l	95
16) Acetone	4.16	43	12521	15.980	ug/l	96
18) Methyl Acetate	4.71	43	7400	2.954	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	20163	3.695	ug/l	92

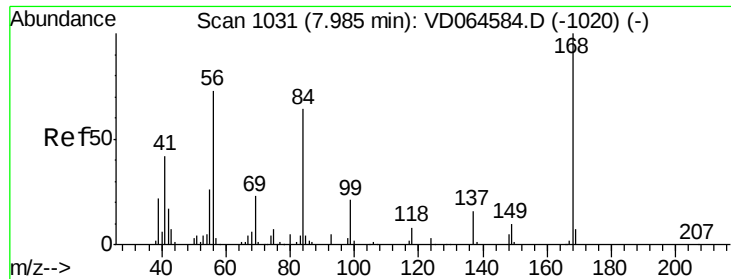
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064838.D

Acq: 10 Jan 2020 17:35

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MSVOA_D

ClientSampleId :

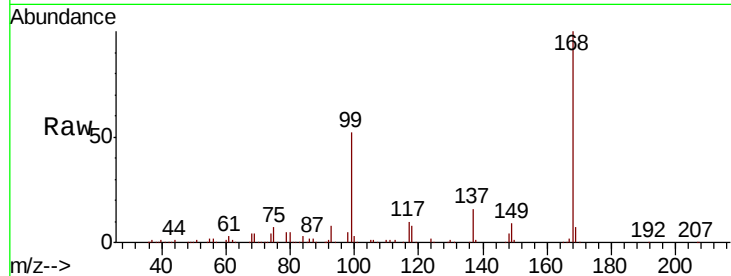
WP022SB452_200108_30-32

Tot Ion:168 Resp: 504613

Ion Ratio Lower Upper

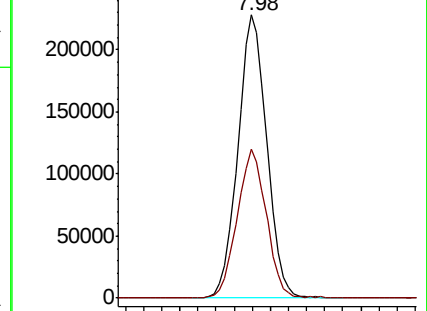
168 100

99 52.4 41.8 62.6

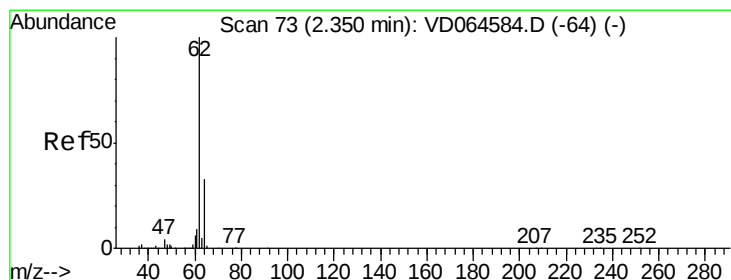
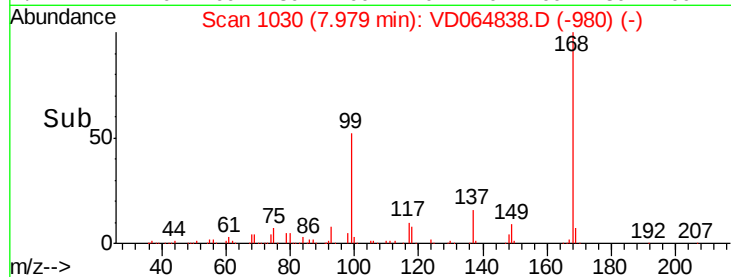


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



Time-->



#4

Vinyl Chloride

Concen: 1.804 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064838.D

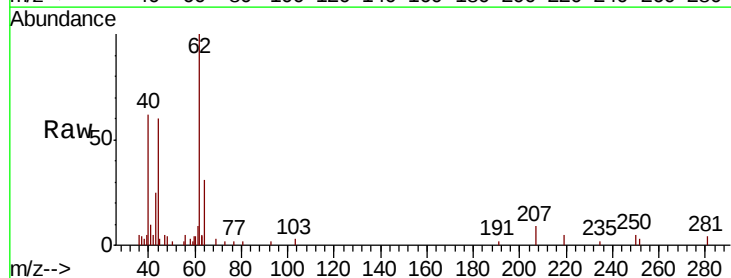
Acq: 10 Jan 2020 17:35

Tgt Ion: 62 Resp: 12065

Ion Ratio Lower Upper

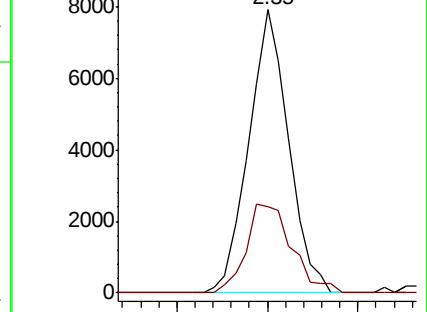
62 100

64 30.5 26.6 40.0

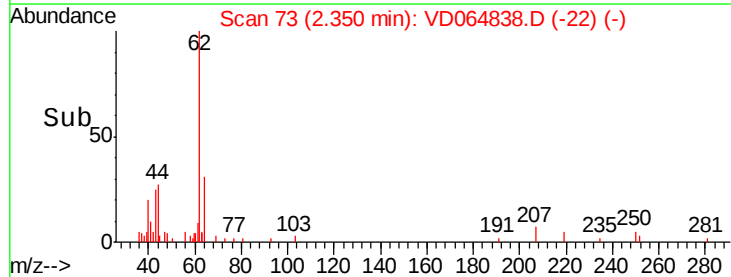


Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC



Time-->

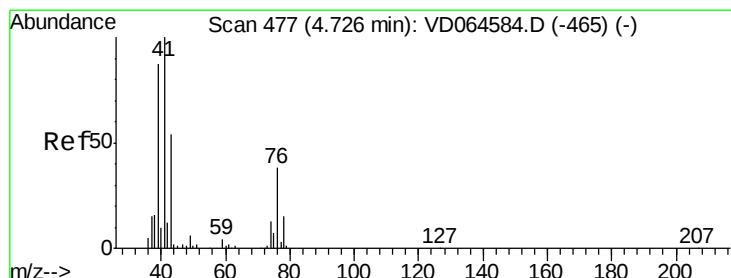
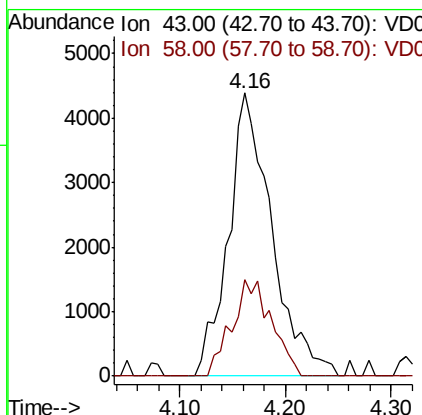
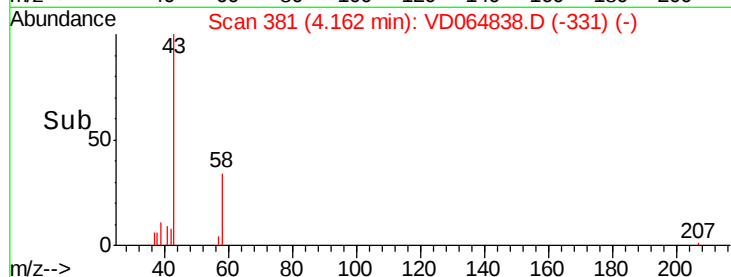
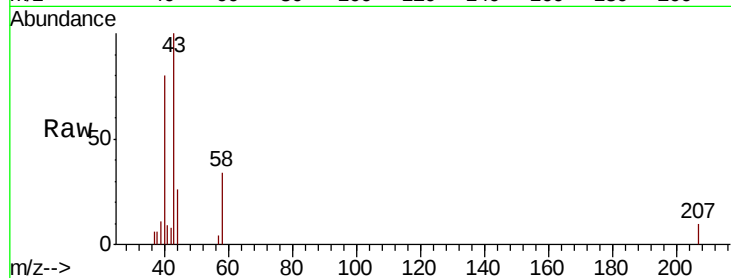




#16
Acetone
Concen: 15.980 ug/l
RT: 4.16 min Scan# 381
Delta R.T. -0.01 min
Lab File: VD064838.D
Acq: 10 Jan 2020 17:35

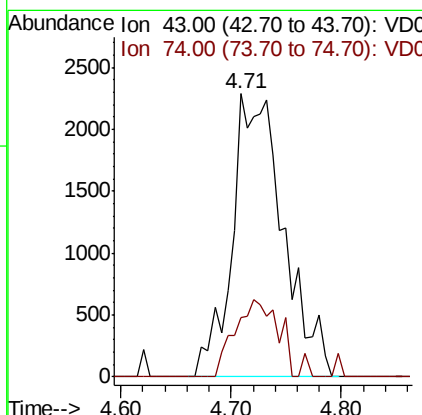
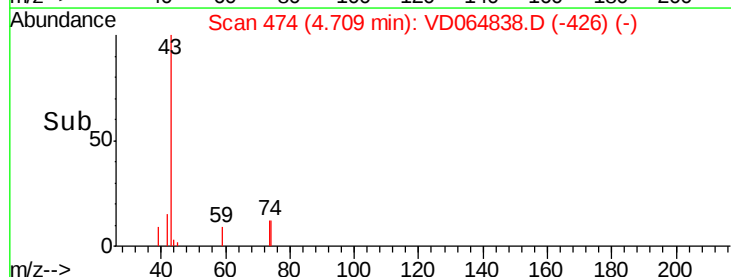
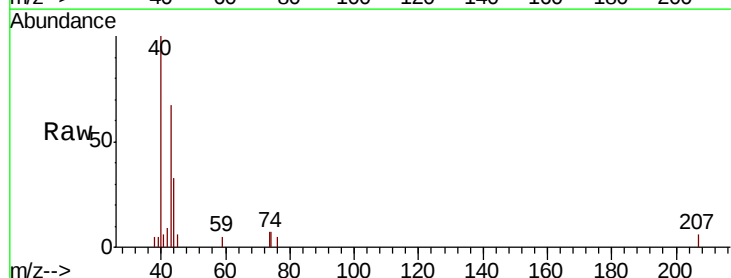
Instrument :
MSVOA_D
ClientSampleId :
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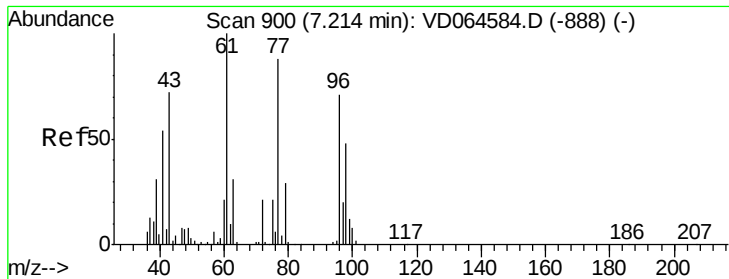
Tot Ion: 43 Resp: 12521
Ion Ratio Lower Upper
43 100
58 34.2 25.8 38.6



#18
Methyl Acetate
Concen: 2.954 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.02 min
Lab File: VD064838.D
Acq: 10 Jan 2020 17:35

Tgt Ion: 43 Resp: 7400
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8



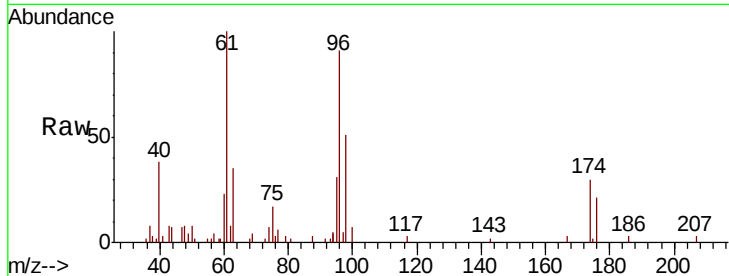


#27

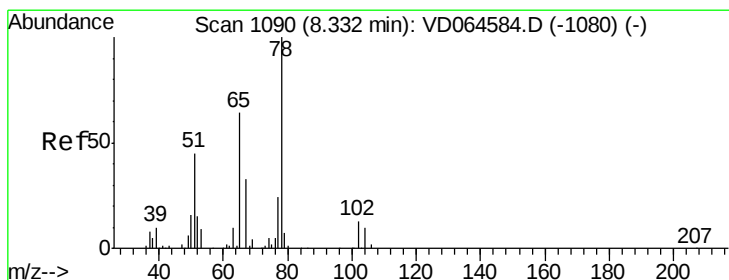
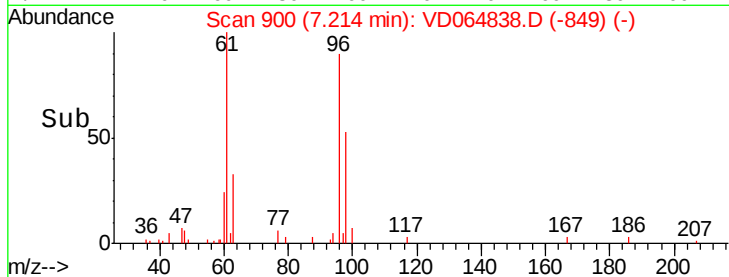
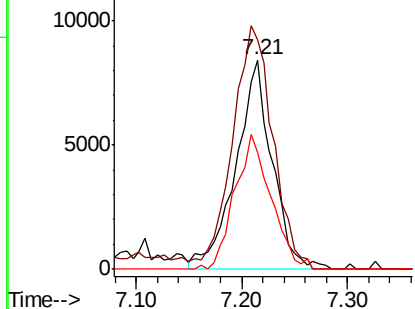
cis-1,2-Dichloroethene
 Concen: 3.695 ug/l
 RT: 7.21 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VD064838.D
 Acq: 10 Jan 2020 17:35

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB452_200108_30-32

Tot Ion: 96 Resp: 20163
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 282.6
 98 63.7 0.0 130.8



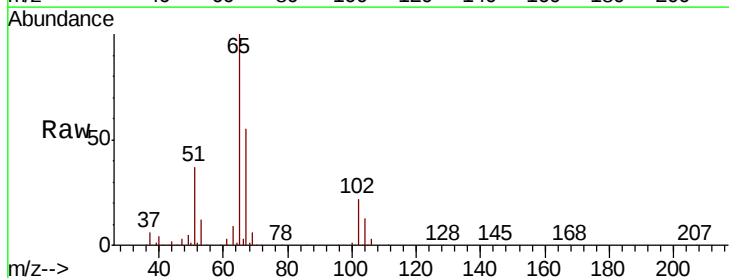
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



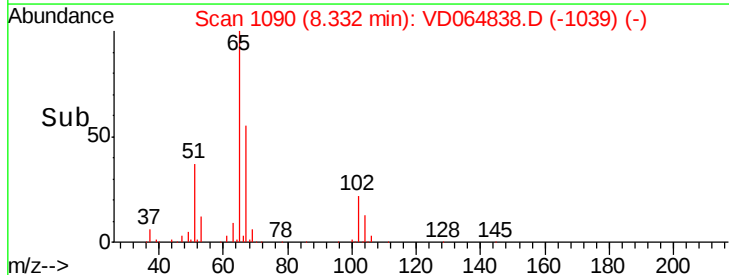
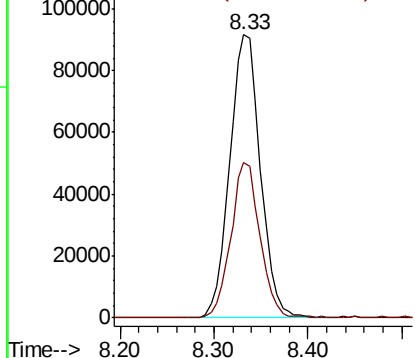
#33

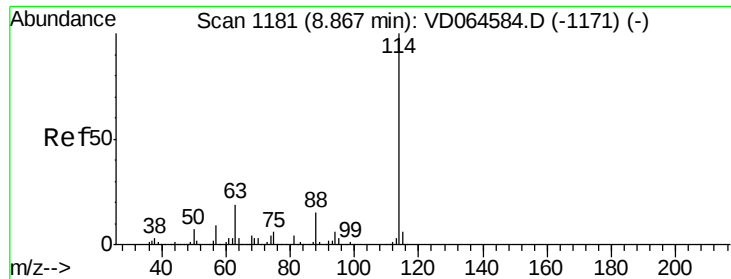
1,2-Dichloroethane-d4
 Concen: 46.577 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064838.D
 Acq: 10 Jan 2020 17:35

Tgt Ion: 65 Resp: 207250
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC
 Ion 66.90 (66.60 to 67.60): VDC

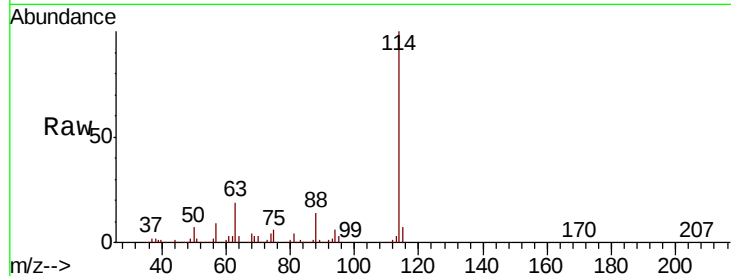




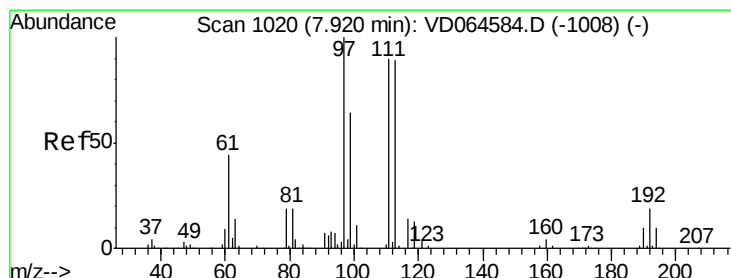
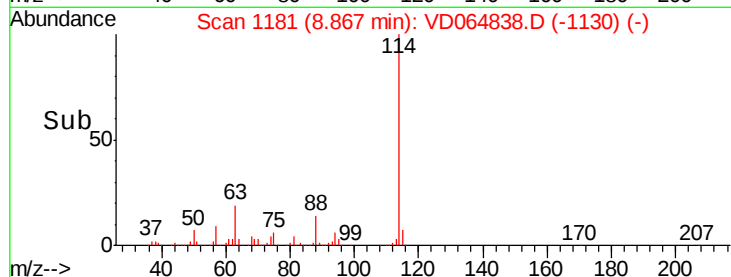
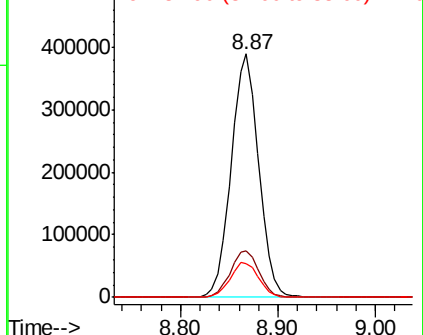
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064838.D
Acq: 10 Jan 2020 17:35

Instrument :
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Tot Ion:114 Resp: 760241
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.0
88 13.7 0.0 29.2

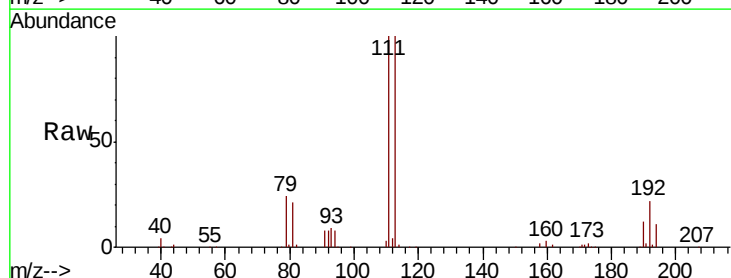


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

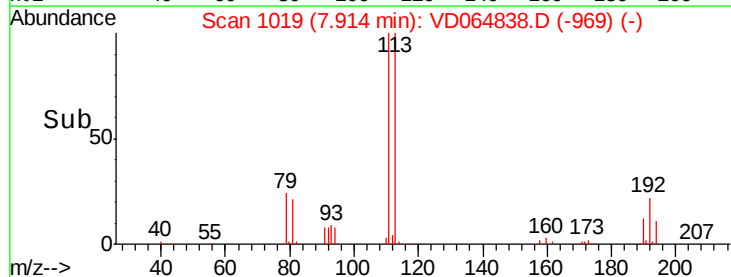
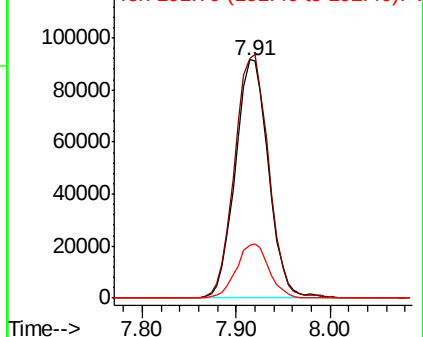


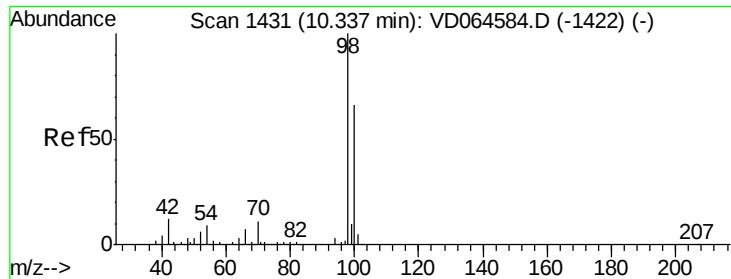
#35
Dibromofluoromethane
Concen: 48.171 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064838.D
Acq: 10 Jan 2020 17:35

Tgt Ion:113 Resp: 224679
Ion Ratio Lower Upper
113 100
111 104.2 80.6 121.0
192 22.4 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

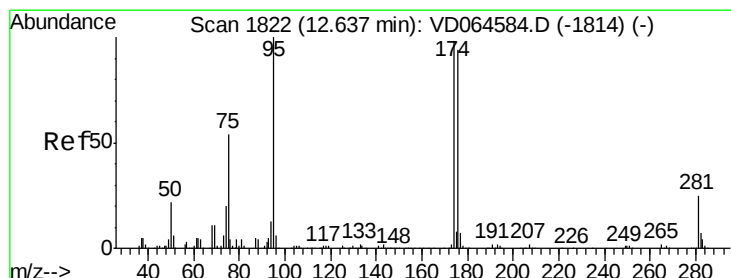
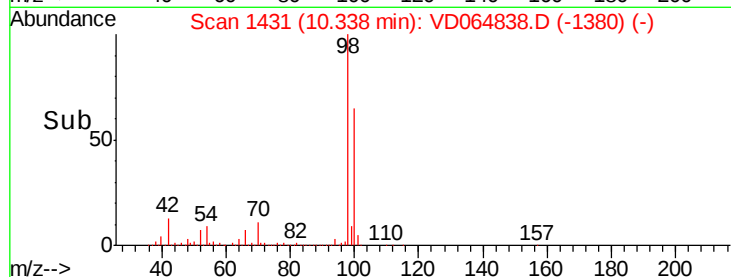
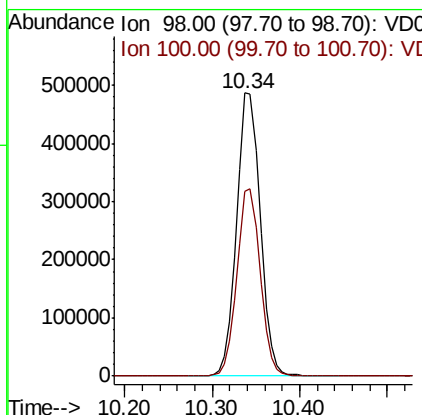
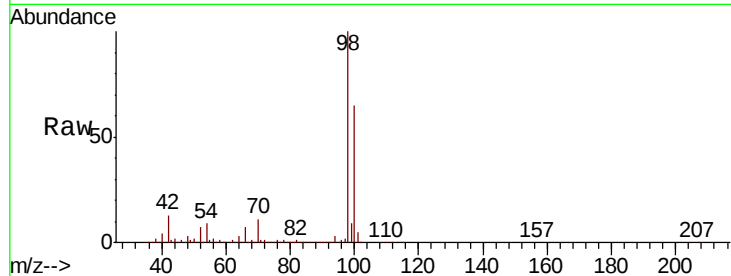




#50
Toluene-d8
Concen: 49.635 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD064838.D
Acq: 10 Jan 2020 17:35

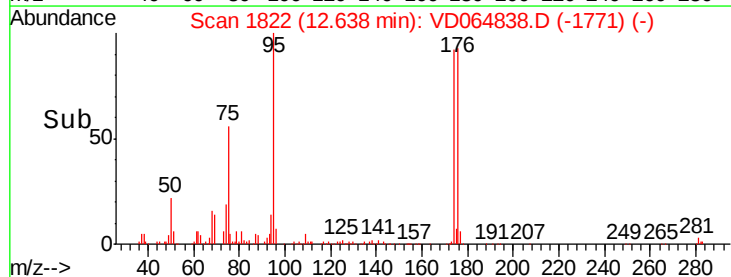
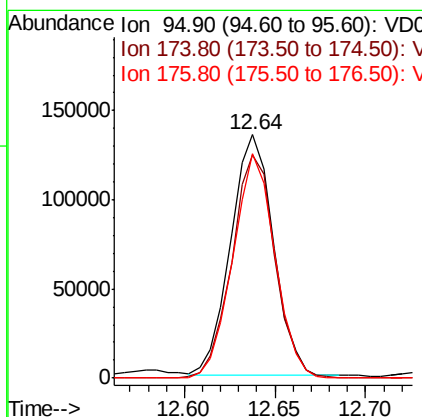
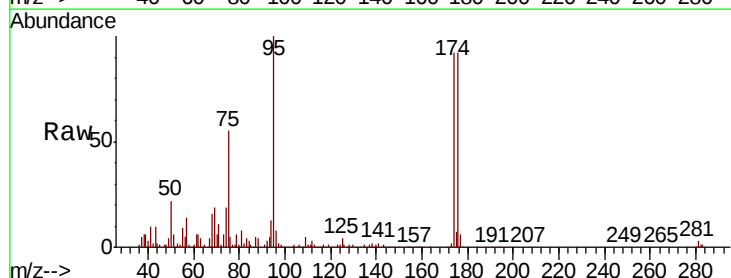
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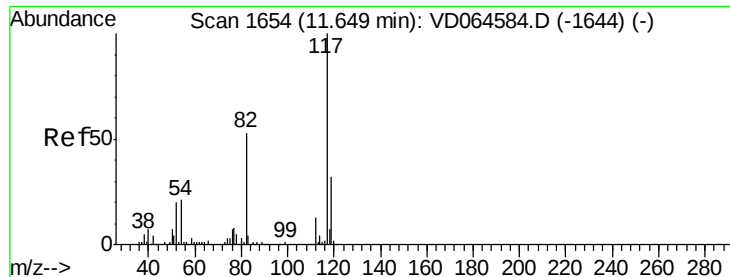
Tot Ion: 98 Resp: 886657
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 39.347 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064838.D
Acq: 10 Jan 2020 17:35

Tgt Ion: 95 Resp: 222256
Ion Ratio Lower Upper
95 100
174 93.1 0.0 193.2
176 91.0 0.0 184.2

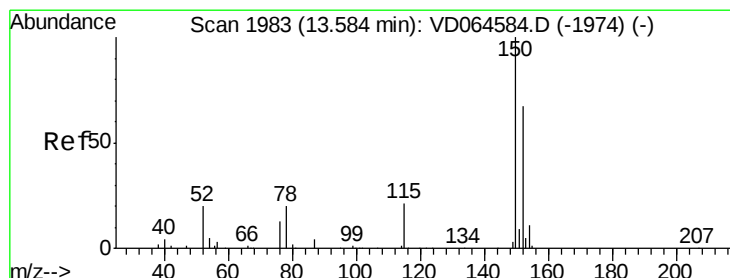
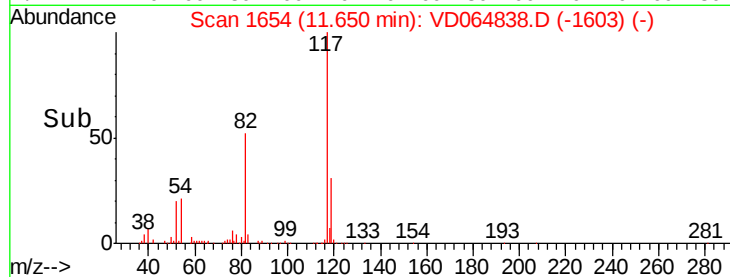
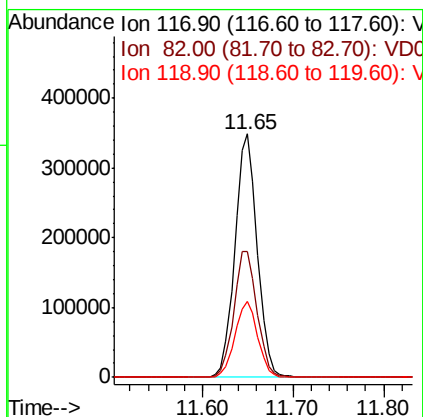
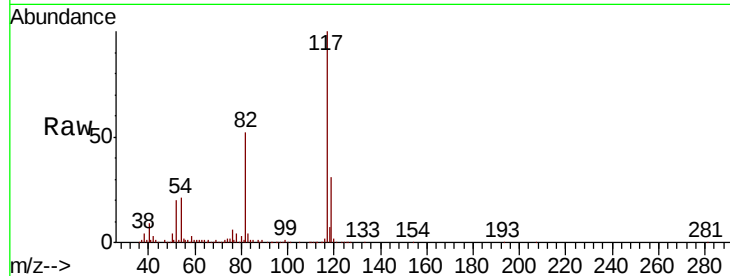




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064838.D
Acq: 10 Jan 2020 17:35

Instrument :
MSVOA_D
ClientSampleId :
WP022SB452_200108_30-32

Tot Ion:117 Resp: 599293
Ion Ratio Lower Upper
117 100
82 51.6 42.2 63.4
119 31.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064838.D
Acq: 10 Jan 2020 17:35

Tgt Ion:152 Resp: 206944
Ion Ratio Lower Upper
152 100
115 53.4 27.8 83.4
150 150.1 0.0 351.4

