

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011020\
 Data File : VD064835.D
 Acq On : 10 Jan 2020 16:08
 Operator : VA/SY
 Sample : L1063-06
 Misc : 4.94G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB452_200108_FD_30-32

Quant Time: Jan 10 23:04:59 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

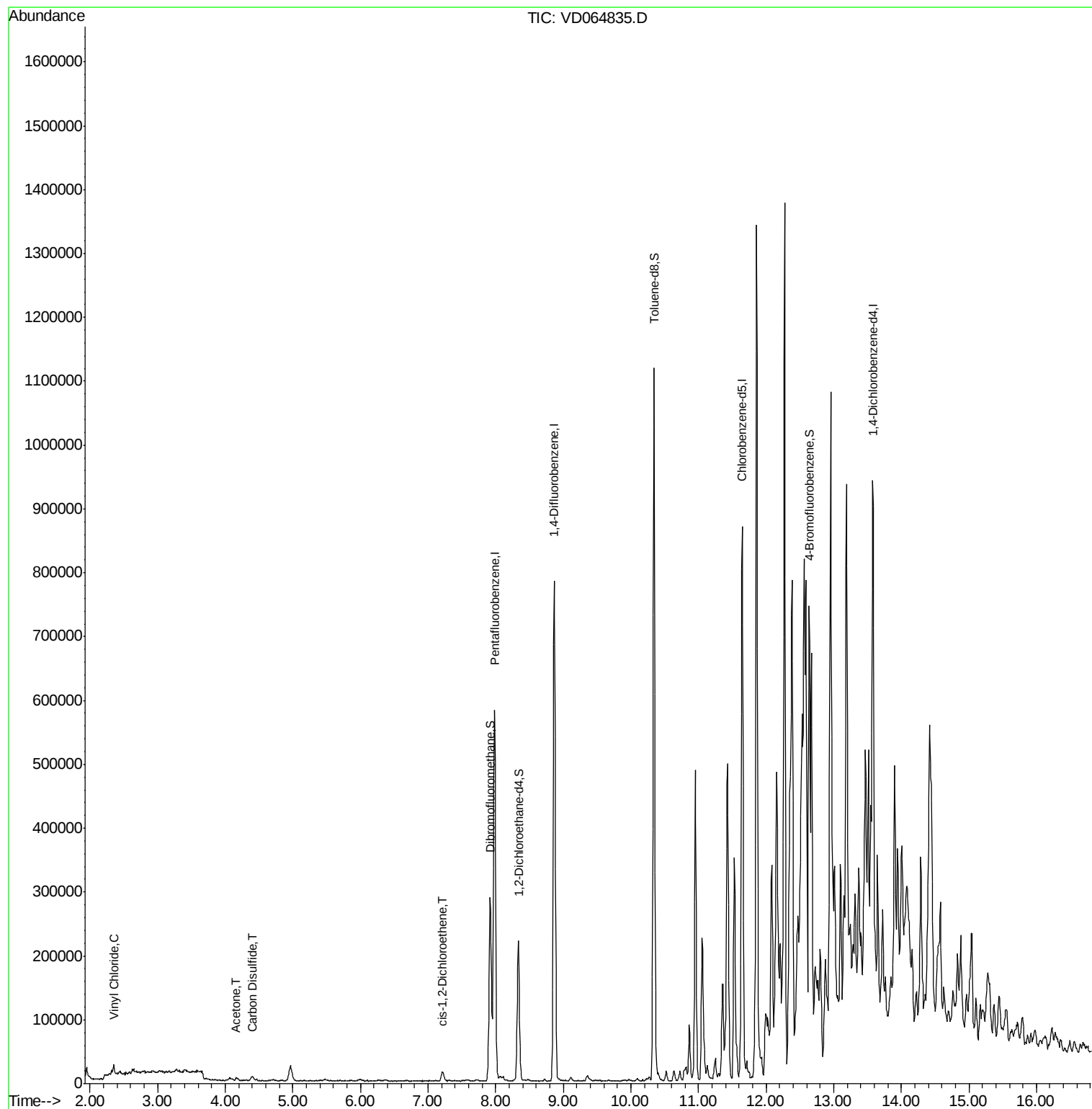
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	439604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	662562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	471090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145542	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	173994	44.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.78%	
35) Dibromofluoromethane	7.92	113	196828	48.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.84%	
50) Toluene-d8	10.34	98	737567	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	12.64	95	164402	33.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.80%	
Target Compounds						
4) Vinyl Chloride	2.35	62	7926	1.361	ug/l	89
16) Acetone	4.17	43	8828	13.723	ug/l #	85
17) Carbon Disulfide	4.40	76	14304	1.144	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	6111	1.286	ug/l	83

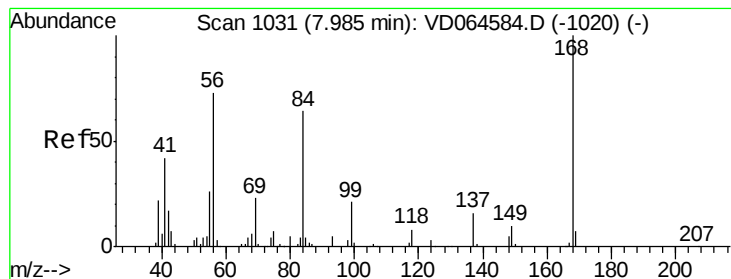
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064835.D

Acq: 10 Jan 2020 16:08

Instrument :

MSVOA_D

ClientSampleId :

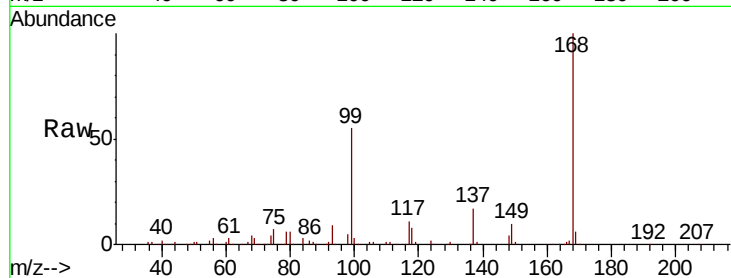
WP022SB452_200108_FD_30-32

Tot Ion:168 Resp: 439604

Ion Ratio Lower Upper

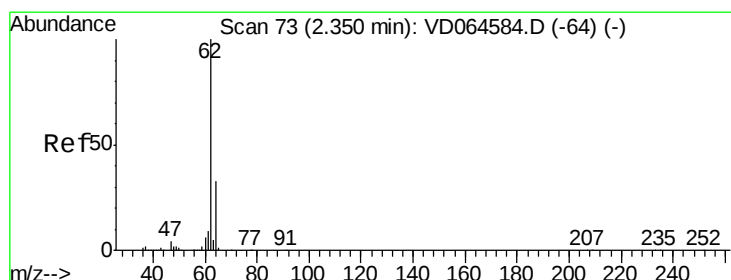
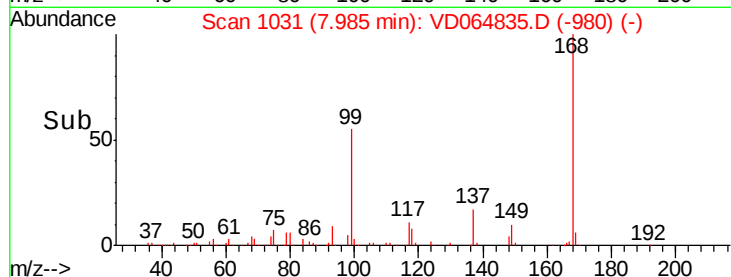
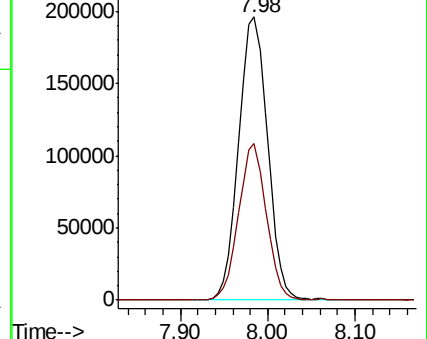
168 100

99 55.2 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#4

Vinyl Chloride

Concen: 1.361 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD064835.D

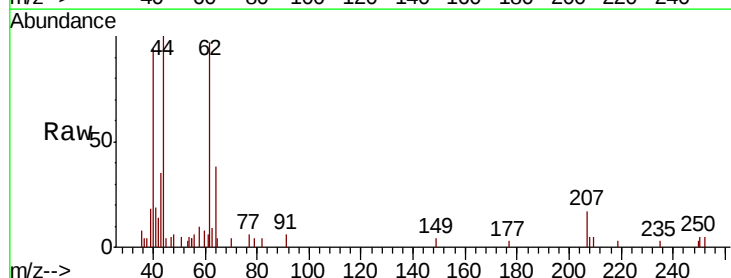
Acq: 10 Jan 2020 16:08

Tgt Ion: 62 Resp: 7926

Ion Ratio Lower Upper

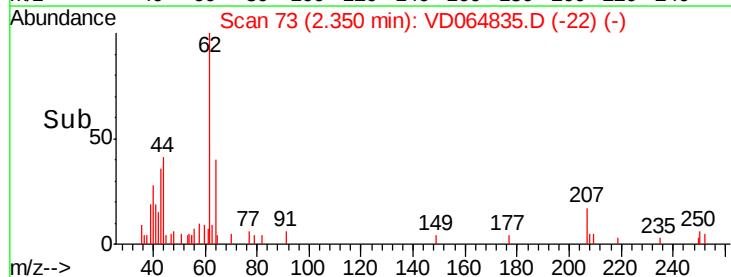
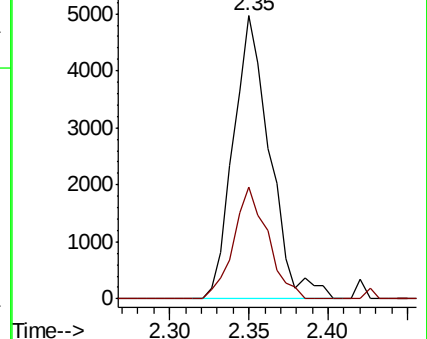
62 100

64 39.7 26.6 40.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

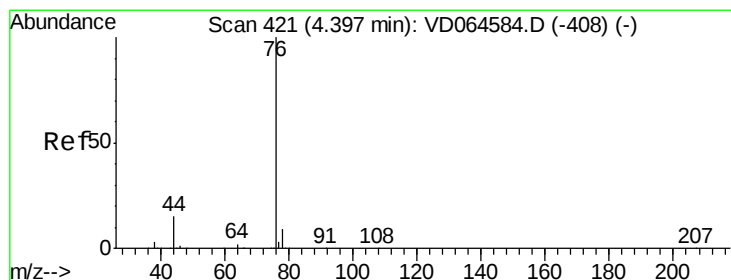
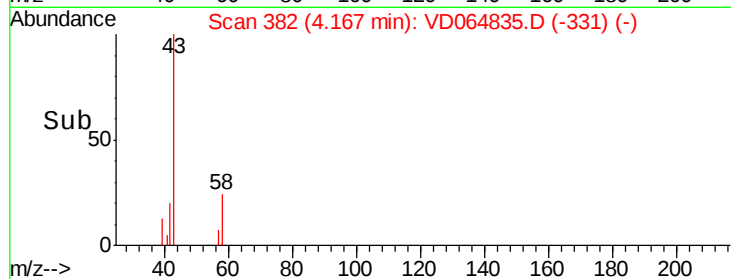
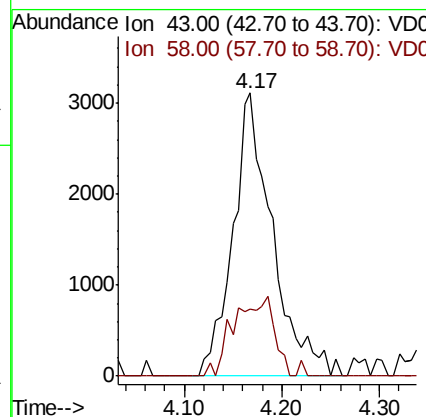
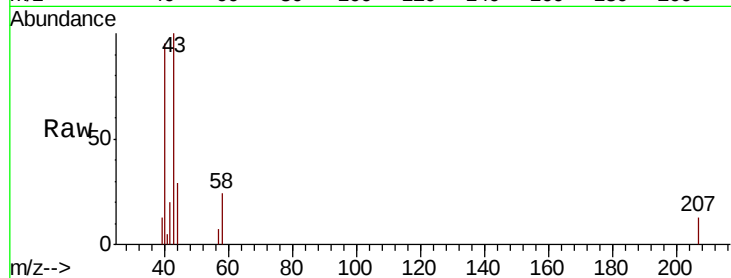




#16
Acetone
Concen: 13.723 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.00 min
Lab File: VD064835.D
Acq: 10 Jan 2020 16:08

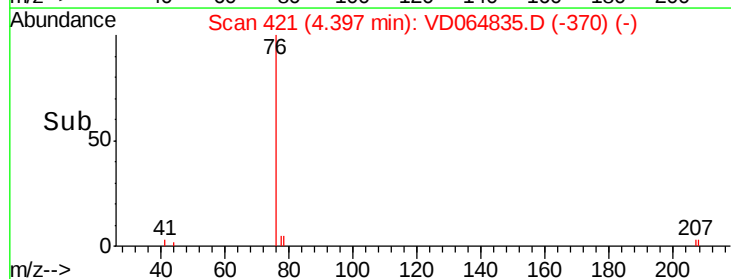
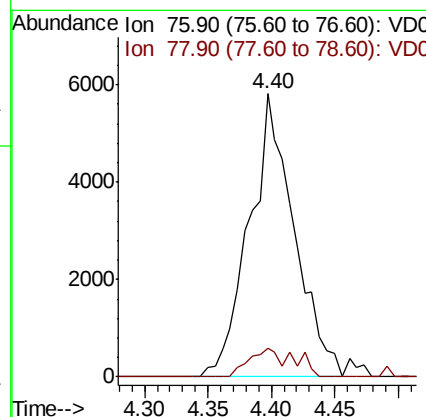
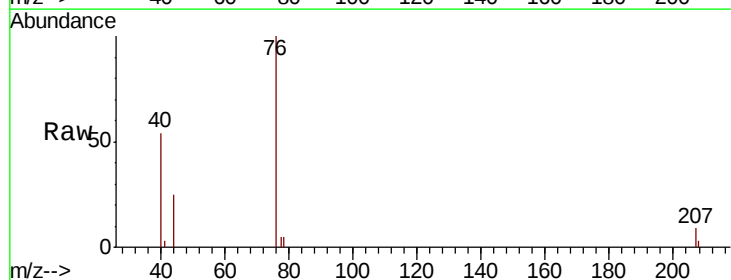
Instrument :
MSVOA_D
ClientSampleId :
WP022SB452_200108_FD_30-32

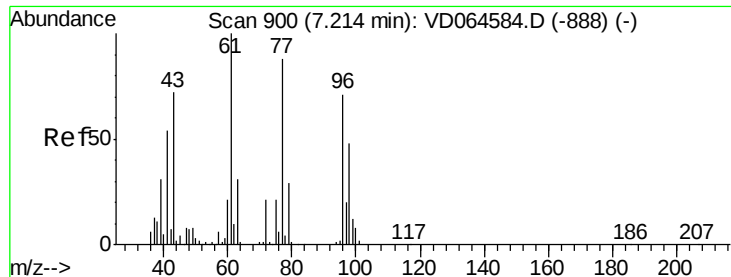
Tot Ion: 43 Resp: 8828
Ion Ratio Lower Upper
43 100
58 23.6 25.8 38.6#



#17
Carbon Disulfide
Concen: 1.144 ug/l
RT: 4.40 min Scan# 421
Delta R.T. 0.00 min
Lab File: VD064835.D
Acq: 10 Jan 2020 16:08

Tgt Ion: 76 Resp: 14304
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9





#27

cis-1,2-Dichloroethene

Concen: 1.286 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD064835.D

Acq: 10 Jan 2020 16:08

Instrument :

MSVOA_D

ClientSampleId :

WP022SB452_200108_FD_30-32

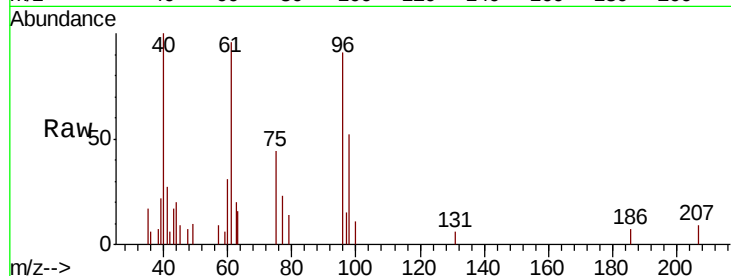
Tot Ion: 96 Resp: 6111

Ion Ratio Lower Upper

96 100

61 112.8 0.0 282.6

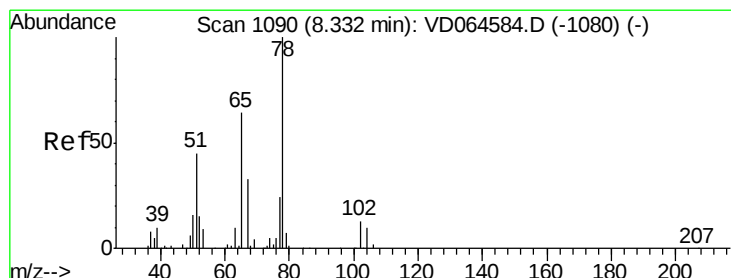
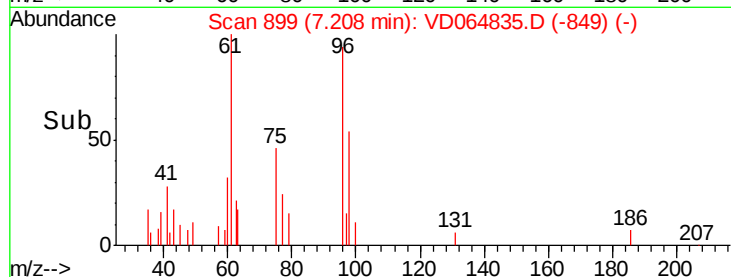
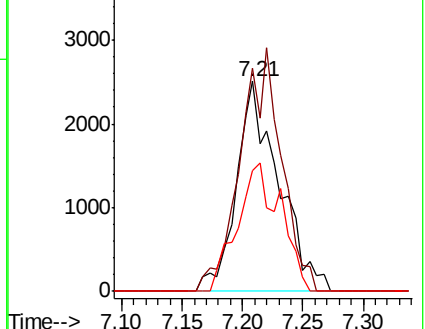
98 62.0 0.0 130.8



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: 44.886 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064835.D

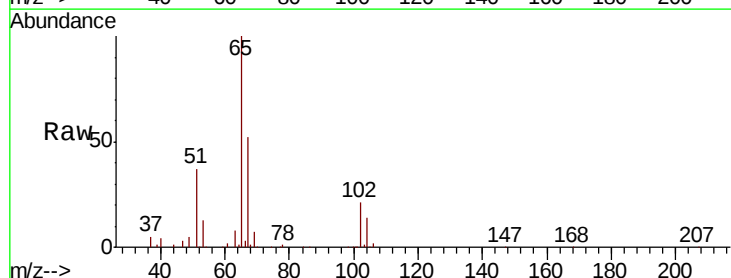
Acq: 10 Jan 2020 16:08

Tgt Ion: 65 Resp: 173994

Ion Ratio Lower Upper

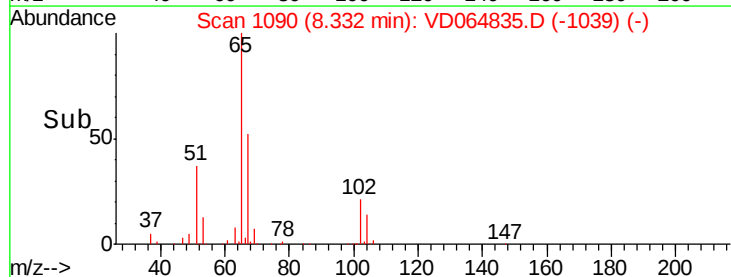
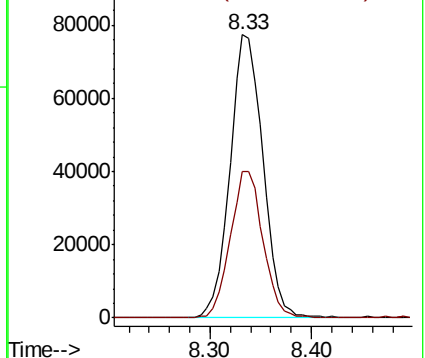
65 100

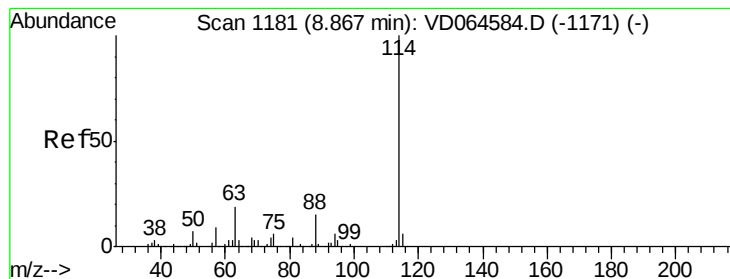
67 51.3 0.0 106.2



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: VD064835.D

Acq: 10 Jan 2020 16:08

Instrument :

MSVOA_D

ClientSampleId :

WP022SB452_200108_FD_30-32

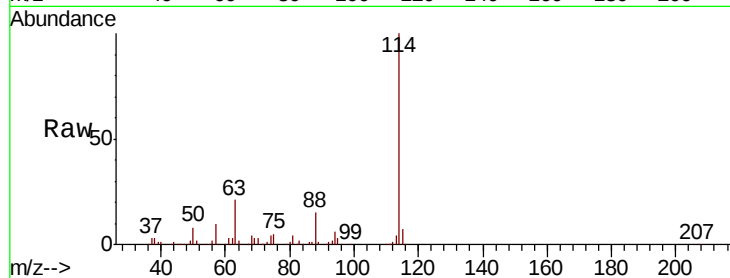
Tot Ion:114 Resp: 662562

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.0

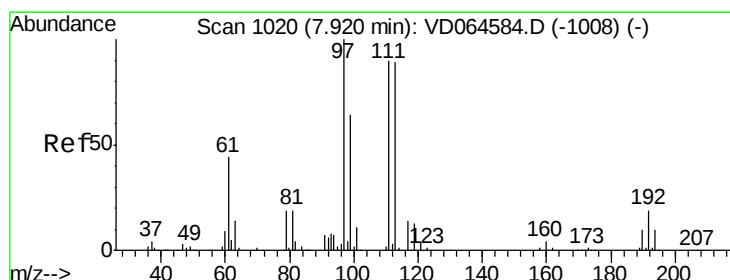
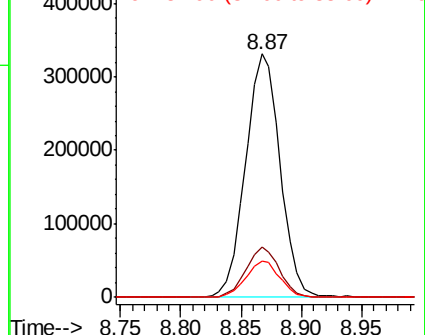
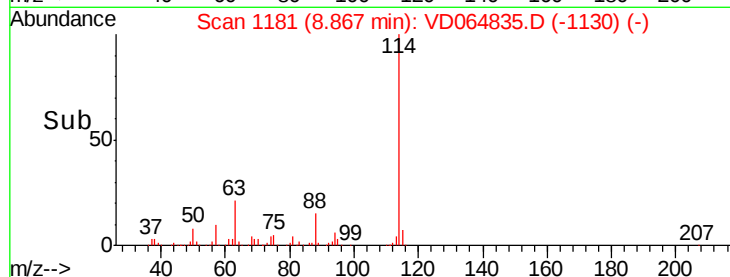
88 15.0 0.0 29.2



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: 48.421 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064835.D

Acq: 10 Jan 2020 16:08

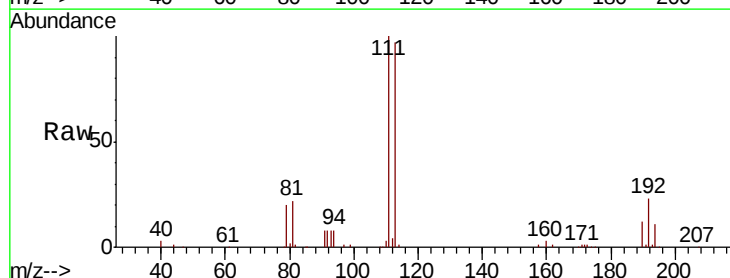
Tgt Ion:113 Resp: 196828

Ion Ratio Lower Upper

113 100

111 102.6 80.6 121.0

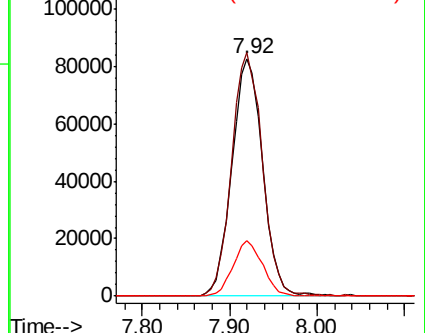
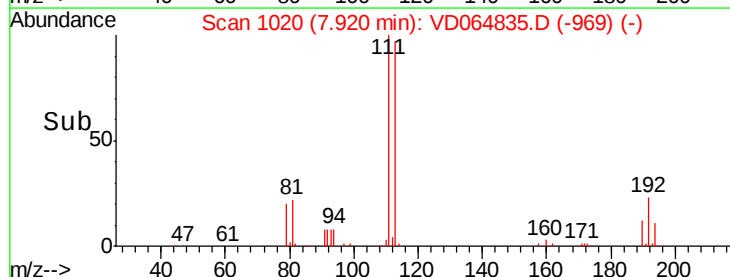
192 22.3 17.9 26.9

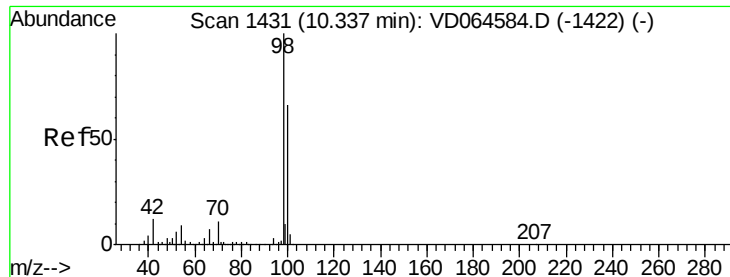


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

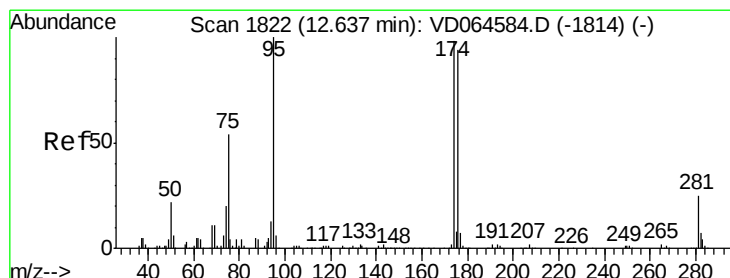
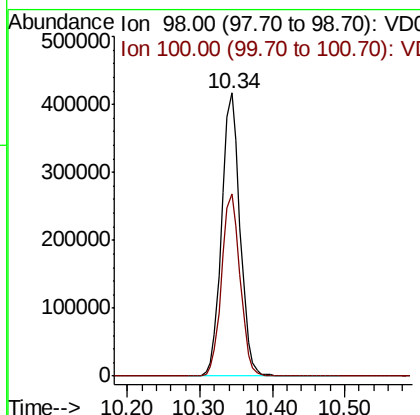
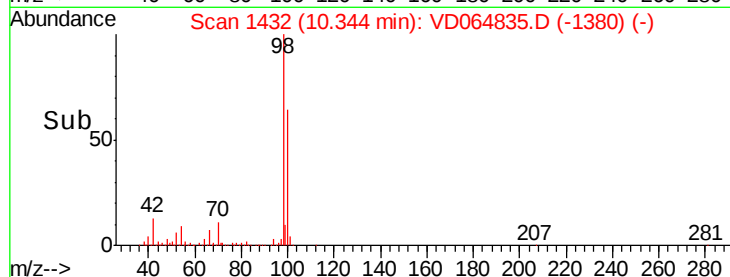
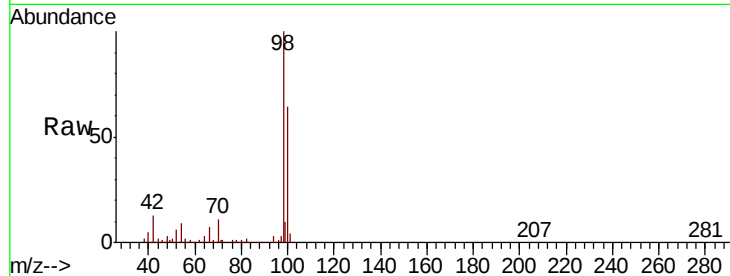




#50
Toluene-d8
Concen: 47.376 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064835.D
Acq: 10 Jan 2020 16:08

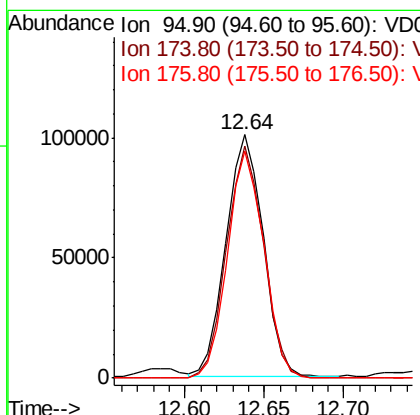
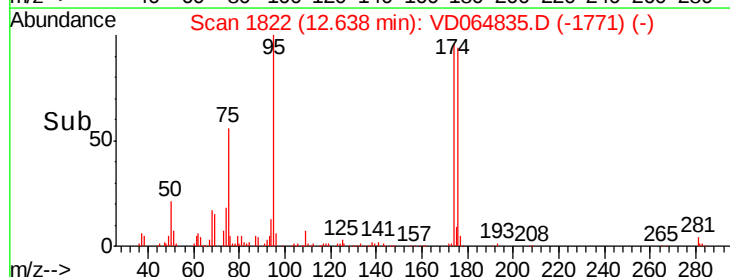
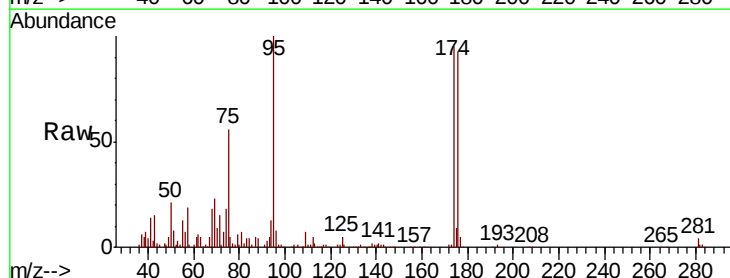
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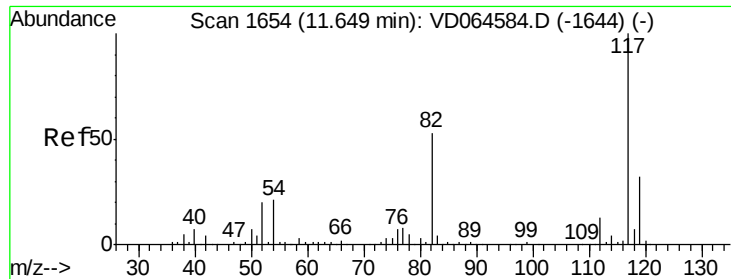
Tot Ion: 98 Resp: 737567
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 33.396 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064835.D
Acq: 10 Jan 2020 16:08

Tgt Ion: 95 Resp: 164402
Ion Ratio Lower Upper
95 100
174 95.0 0.0 193.2
176 91.5 0.0 184.2

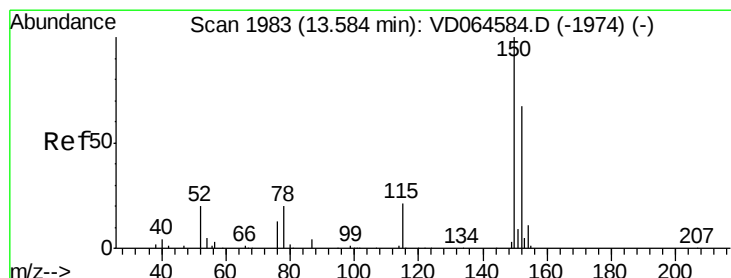
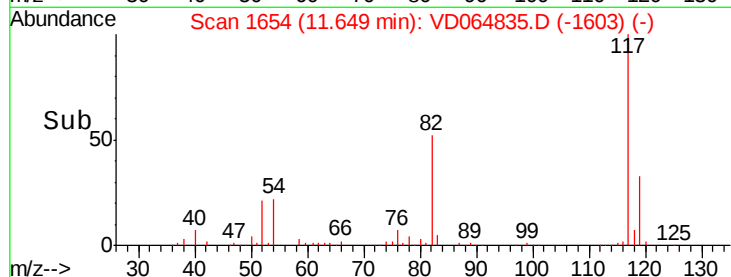
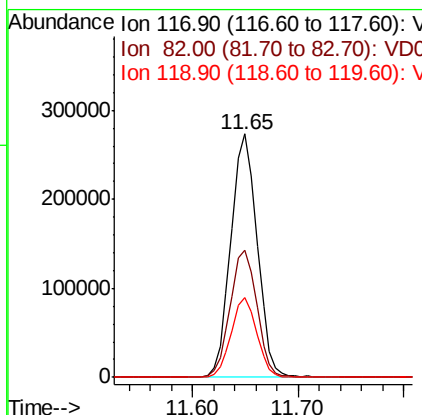
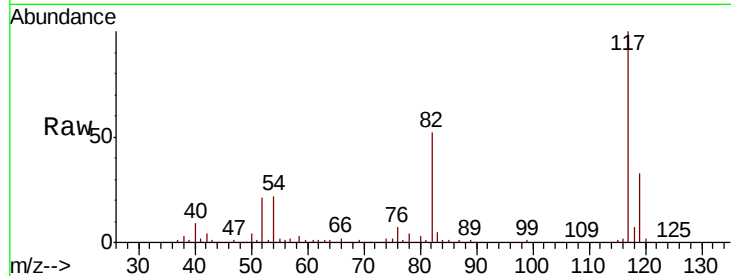




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064835.D
Acq: 10 Jan 2020 16:08

Instrument :
MSVOA_D
ClientSampleId :
WP022SB452_200108_FD_30-32

Tot Ion:117 Resp: 471090
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.4
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064835.D
Acq: 10 Jan 2020 16:08

Tgt Ion:152 Resp: 145542
Ion Ratio Lower Upper
152 100
115 53.1 27.8 83.4
150 150.7 0.0 351.4

