

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010220\
 Data File : VD064721.D
 Acq On : 02 Jan 2020 16:58
 Operator : VA/SY
 Sample : K6465-04
 Misc : 11.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GP-10-(10-12)

Quant Time: Jan 03 01:35:38 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

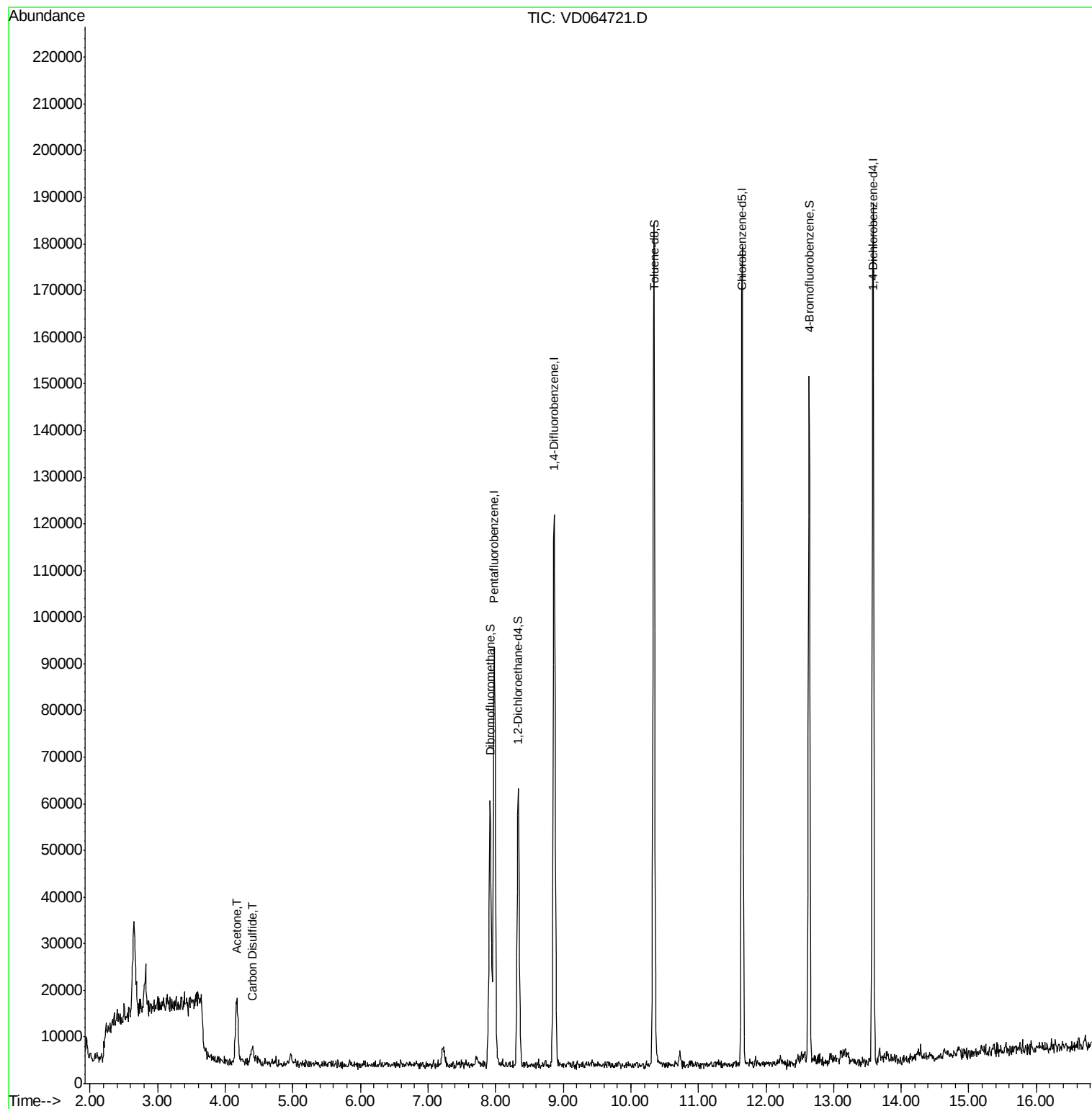
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	66521	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	104678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	101197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	49697	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	47844	81.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	163.14%	
35) Dibromofluoromethane	7.92	113	39685	61.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.58%	
50) Toluene-d8	10.34	98	127202	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.64	95	43113	55.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.86%	
Target Compounds						
16) Acetone	4.17	43	23176	182.803	ug/l	97
17) Carbon Disulfide	4.40	76	7368	3.894	ug/l #	94

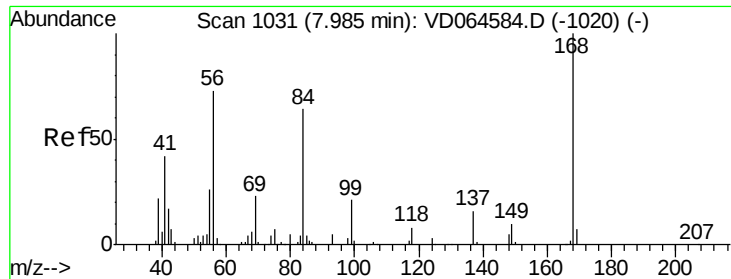
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
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: VD064721.D

Acq: 02 Jan 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

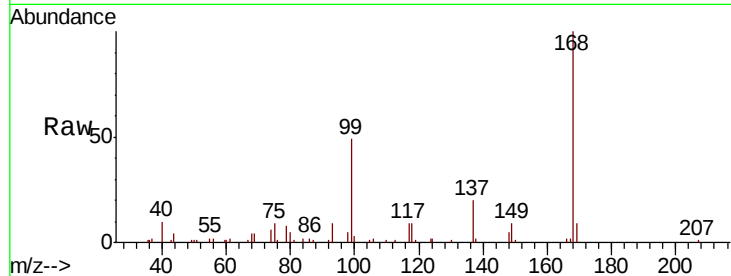
GP-10-(10-12)

Tot Ion:168 Resp: 66521

Ion Ratio Lower Upper

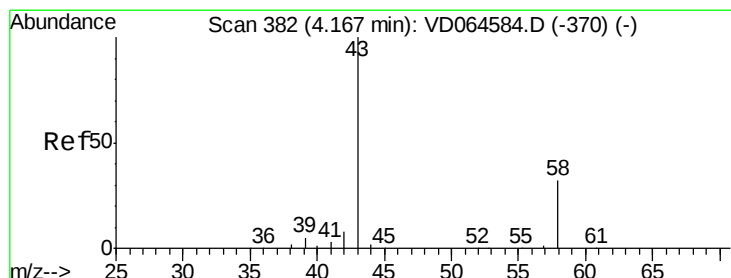
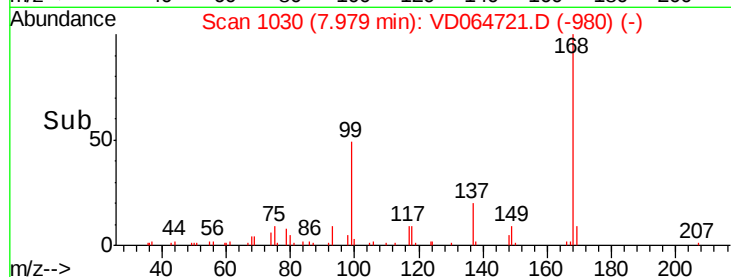
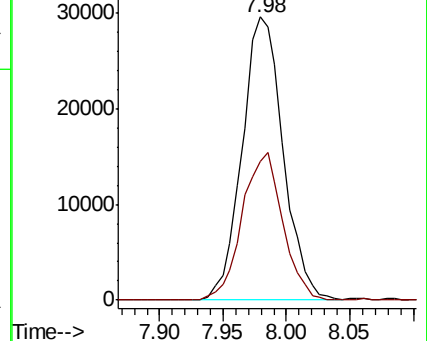
168 100

99 49.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 182.803 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064721.D

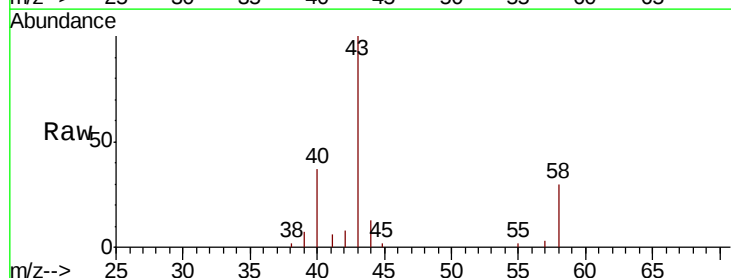
Acq: 02 Jan 2020 16:58

Tgt Ion: 43 Resp: 23176

Ion Ratio Lower Upper

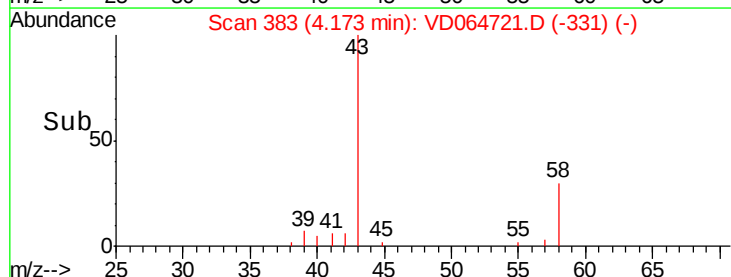
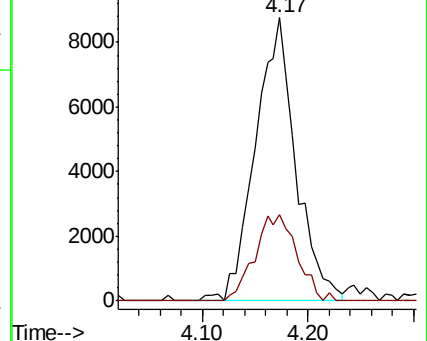
43 100

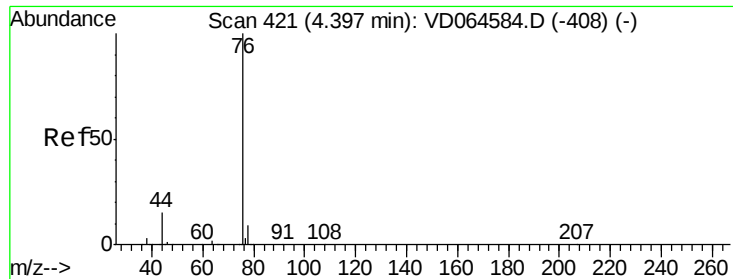
58 30.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

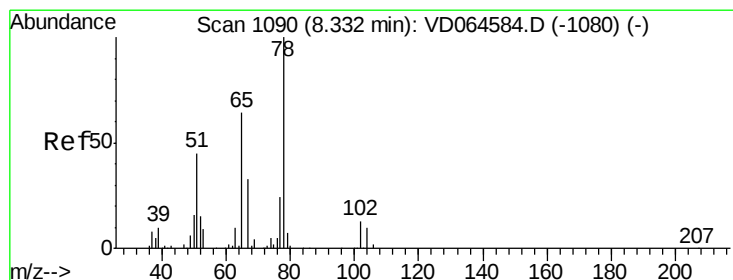
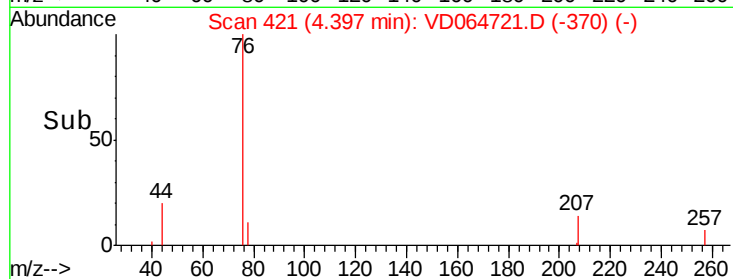
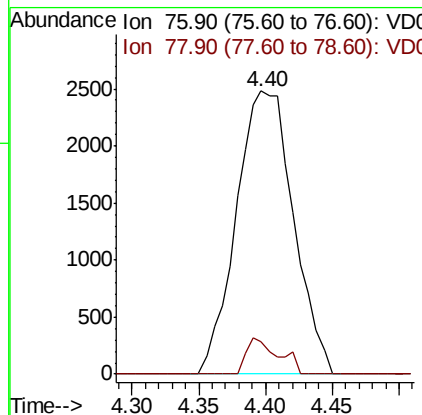
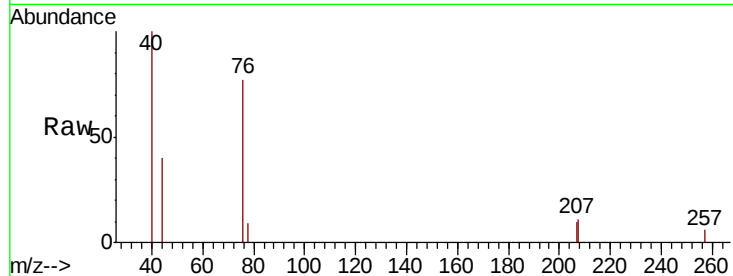




#17
 Carbon Disulfide
 Concen: 3.894 ug/l
 RT: 4.40 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VD064721.D
 Acq: 02 Jan 2020 16:58

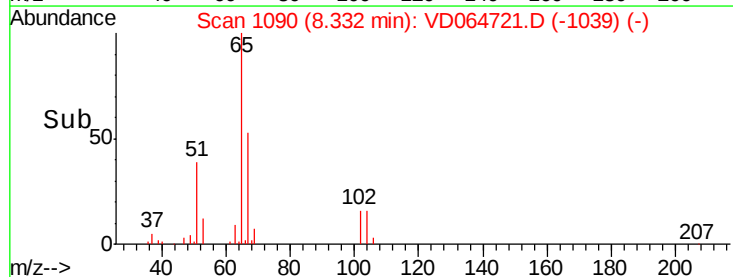
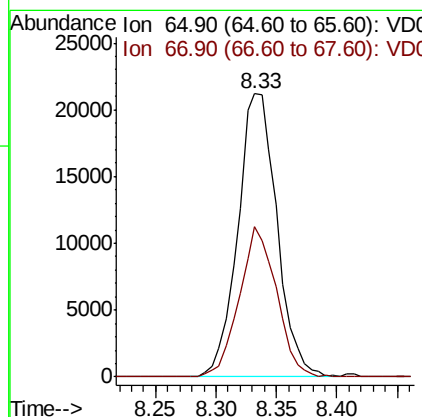
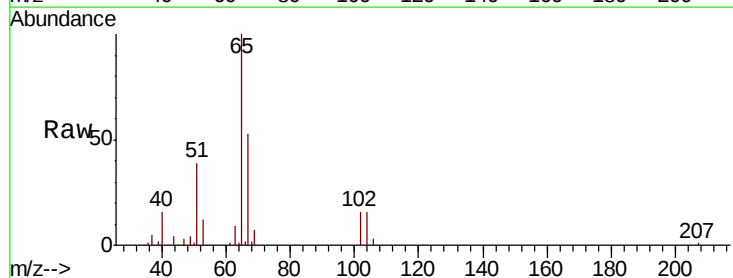
Instrument :
 MSVOA_D
 ClientSampleId :
 GP-10-(10-12)

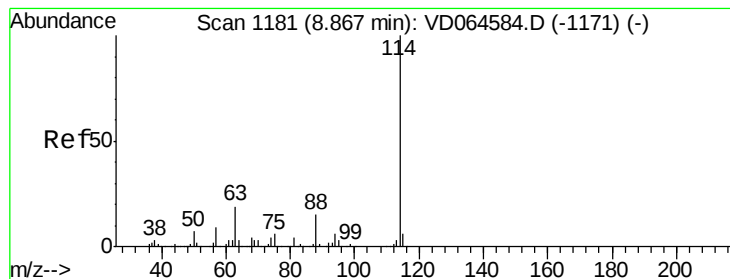
Tot Ion: 76 Resp: 7368
 Ion Ratio Lower Upper
 76 100
 78 11.3 7.3 10.9#



#33
 1,2-Dichloroethane-d4
 Concen: 81.565 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD064721.D
 Acq: 02 Jan 2020 16:58

Tgt Ion: 65 Resp: 47844
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064721.D

Acq: 02 Jan 2020 16:58

Instrument :

MSVOA_D

ClientSampleId :

GP-10-(10-12)

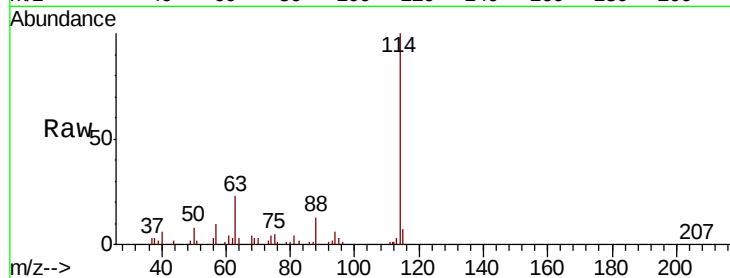
Tot Ion:114 Resp: 104678

Ion Ratio Lower Upper

114 100

63 22.9 0.0 38.0

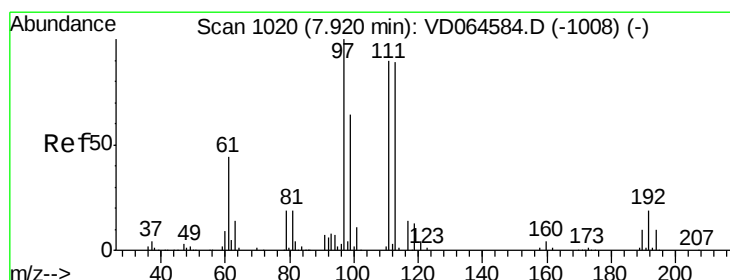
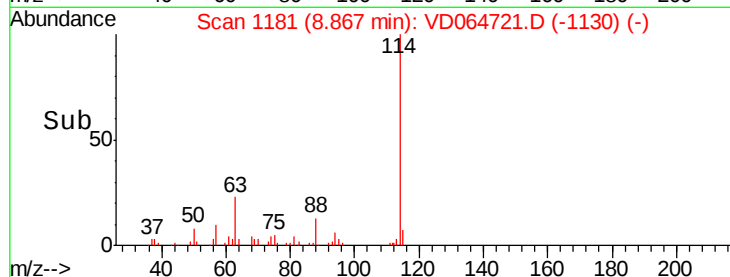
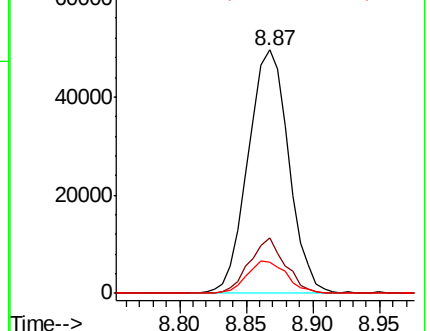
88 13.0 0.0 29.2



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: 61.794 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064721.D

Acq: 02 Jan 2020 16:58

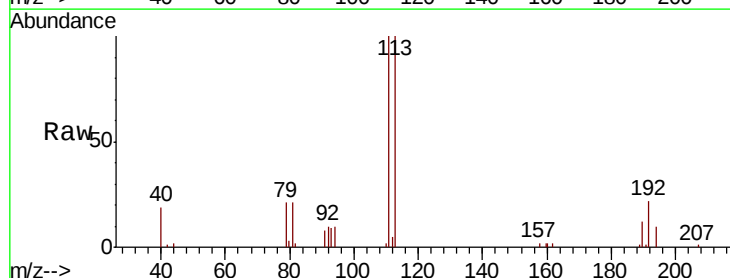
Tgt Ion:113 Resp: 39685

Ion Ratio Lower Upper

113 100

111 96.4 80.6 121.0

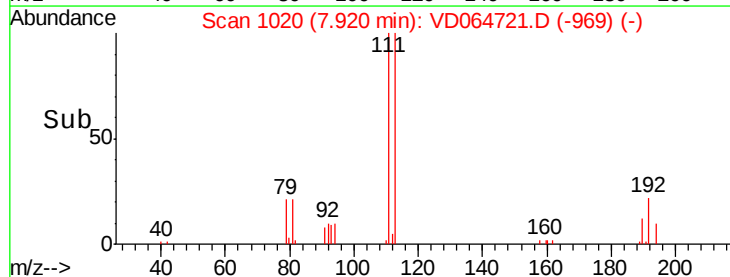
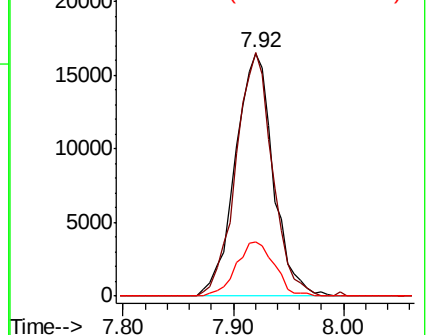
192 22.4 17.9 26.9

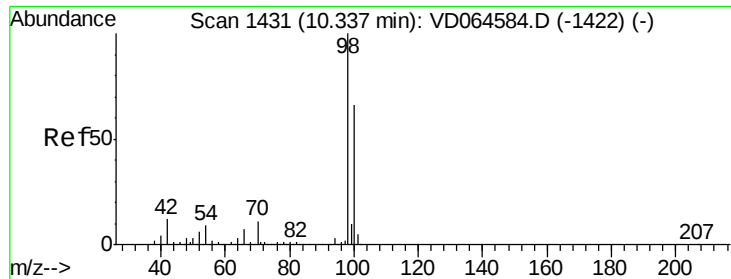


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

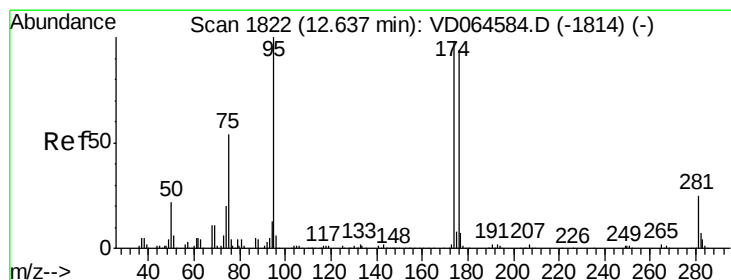
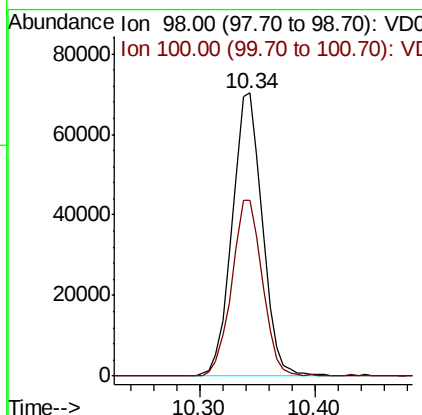
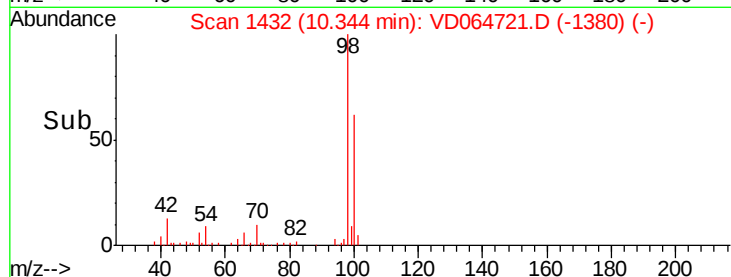
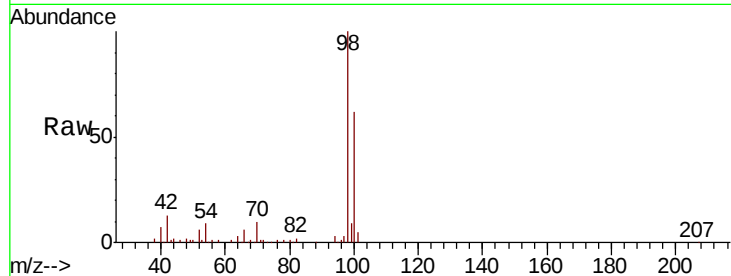




#50
Toluene-d8
Concen: 51.716 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064721.D
Acq: 02 Jan 2020 16:58

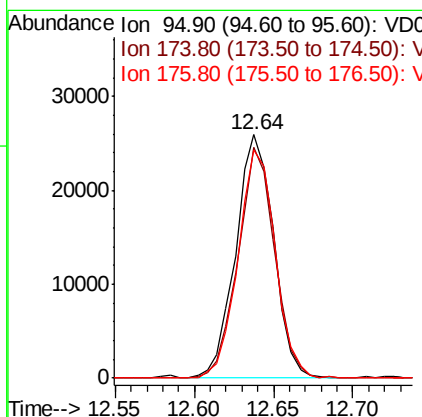
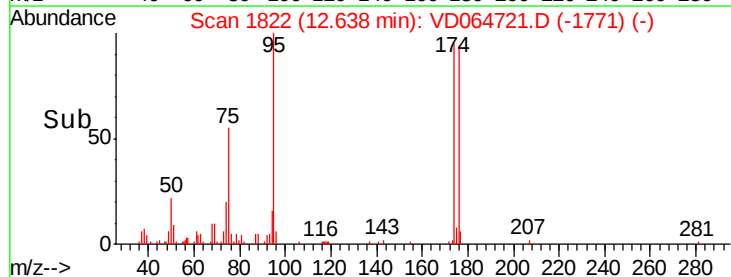
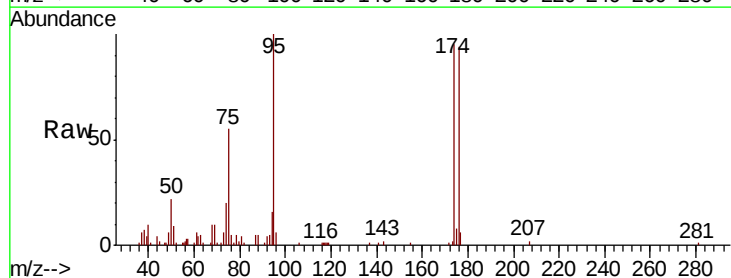
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MSVOA_D
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GP-10-(10-12)

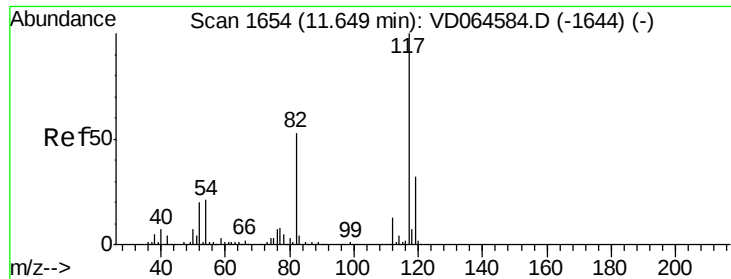
Tot Ion: 98 Resp: 127202
Ion Ratio Lower Upper
98 100
100 63.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 55.432 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064721.D
Acq: 02 Jan 2020 16:58

Tgt Ion: 95 Resp: 43113
Ion Ratio Lower Upper
95 100
174 91.2 0.0 193.2
176 92.0 0.0 184.2

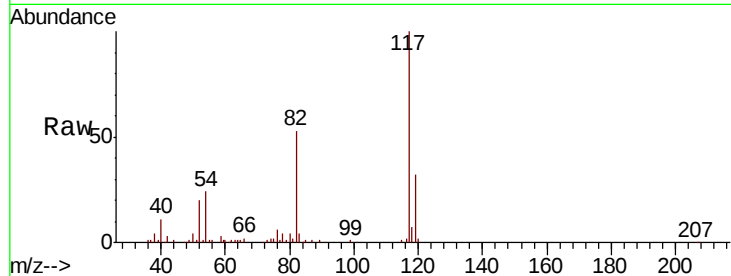




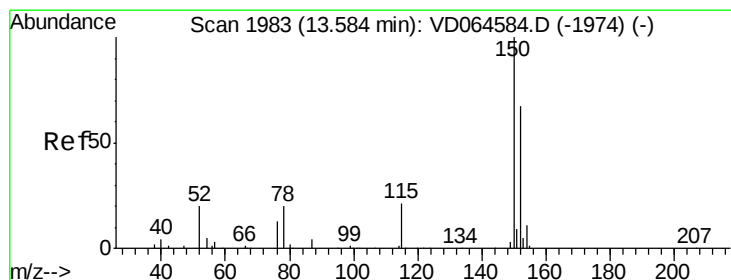
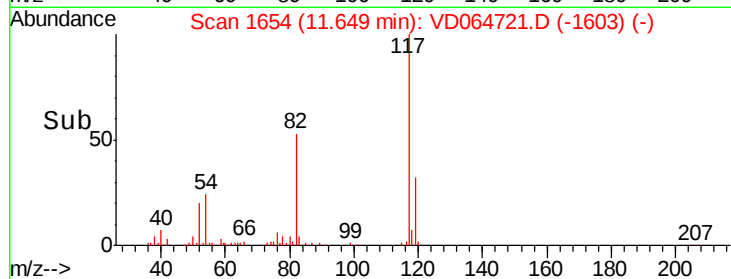
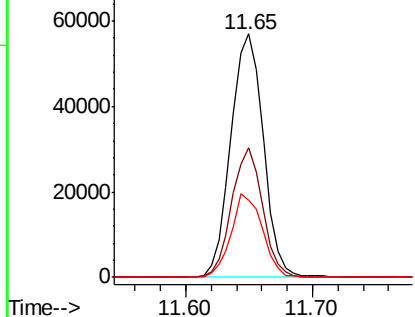
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064721.D
Acq: 02 Jan 2020 16:58

Instrument :
MSVOA_D
ClientSampleId :
GP-10-(10-12)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.2	63.4
119	31.7	26.0	39.0

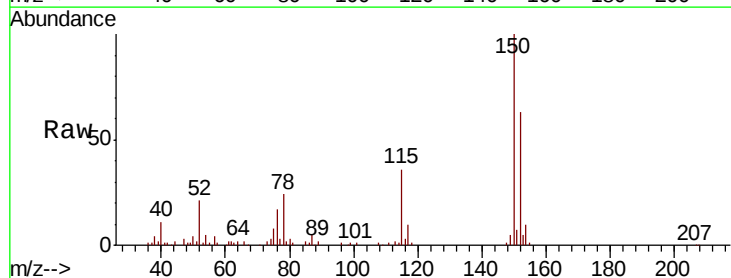


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064721.D
Acq: 02 Jan 2020 16:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.8	83.4
150	152.9	0.0	351.4



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

