

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD012020\
 Data File : VD064892.D
 Acq On : 20 Jan 2020 16:04
 Operator : VA/SY
 Sample : L1189-04
 Misc : 5.40G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4-13.5-14.0

Quant Time: Jan 21 05:39:23 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

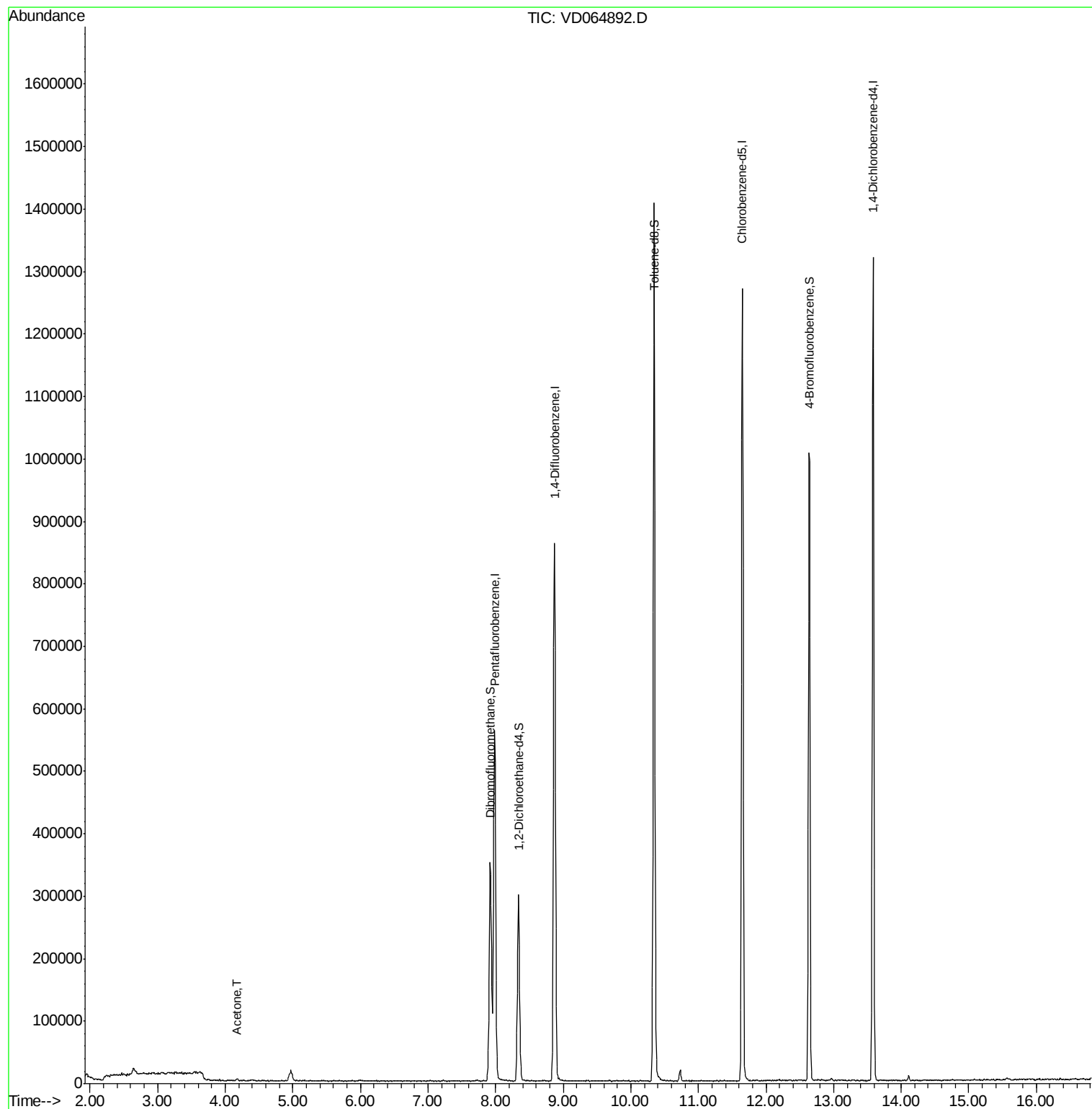
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	431648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	739286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	707346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	340117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	234288	61.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.10%	
35) Dibromofluoromethane	7.92	113	241217	53.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.36%	
50) Toluene-d8	10.34	98	919029	52.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.64	95	294915	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
Target Compounds						
16) Acetone	4.17	43	4857	9.524	ug/l	Qvalue 92

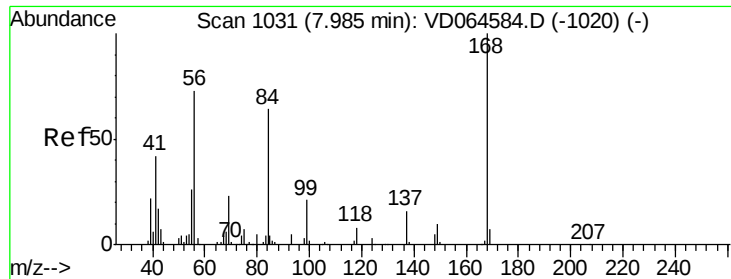
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064892.D

Acq: 20 Jan 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

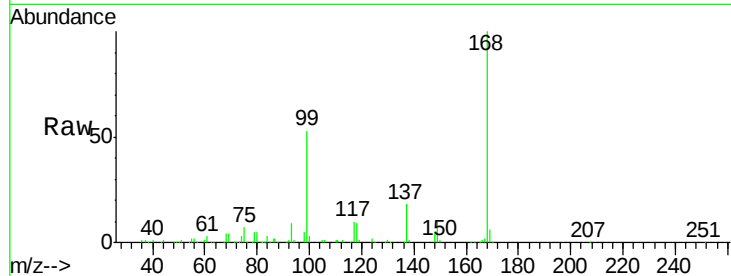
SB-4-13.5-14.0

Tot Ion:168 Resp: 431648

Ion Ratio Lower Upper

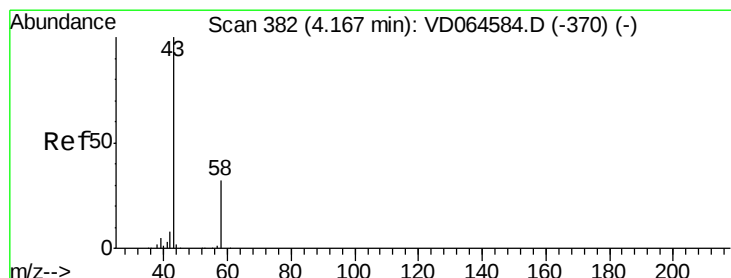
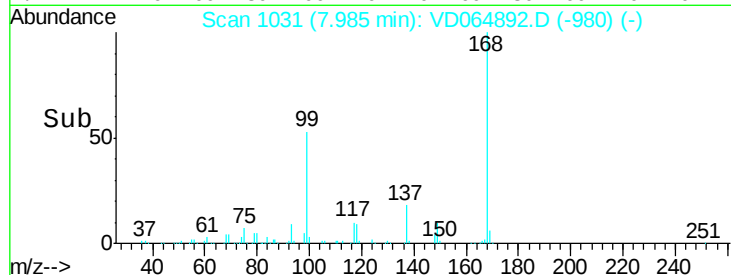
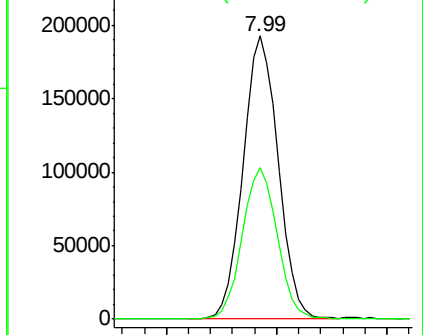
168 100

99 53.4 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: 9.524 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064892.D

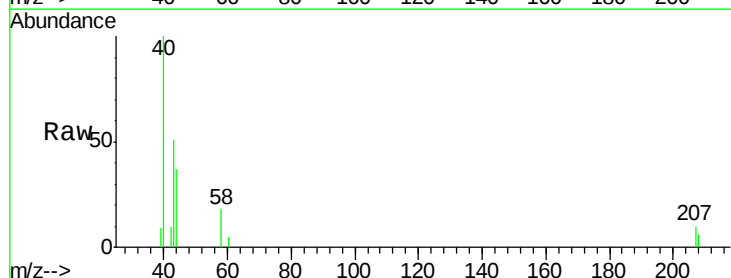
Acq: 20 Jan 2020 16:04

Tgt Ion: 43 Resp: 4857

Ion Ratio Lower Upper

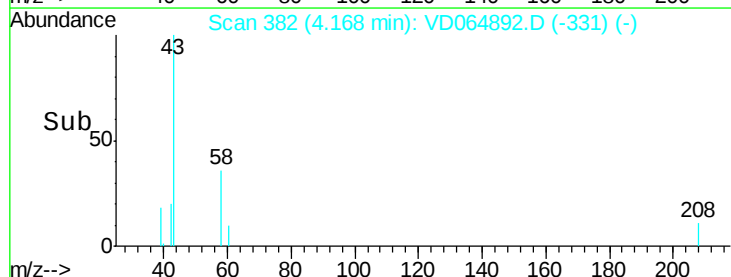
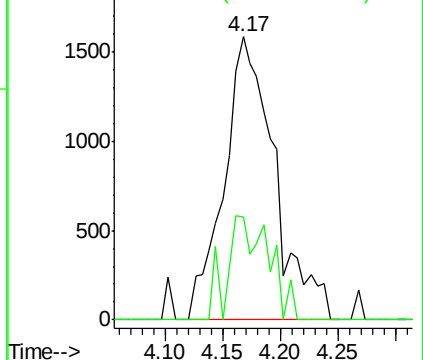
43 100

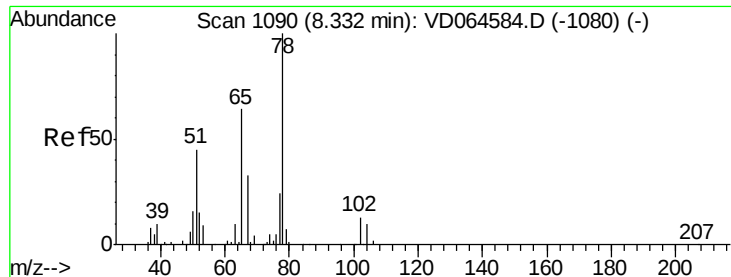
58 36.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 61.554 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064892.D

Acq: 20 Jan 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

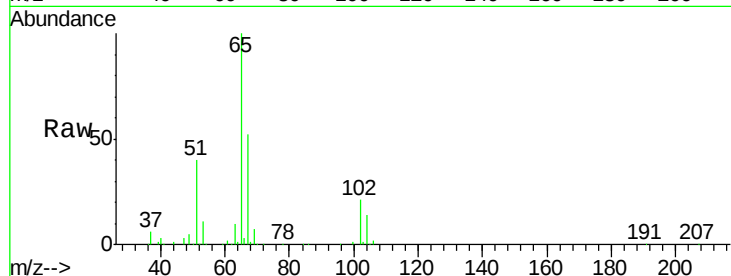
SB-4-13.5-14.0

Tot Ion: 65 Resp: 234288

Ion Ratio Lower Upper

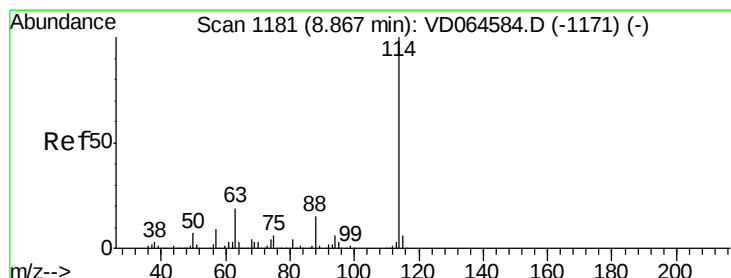
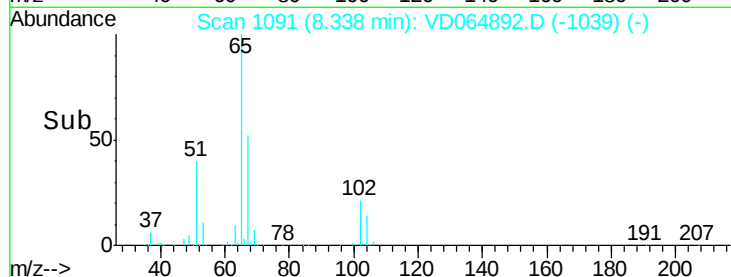
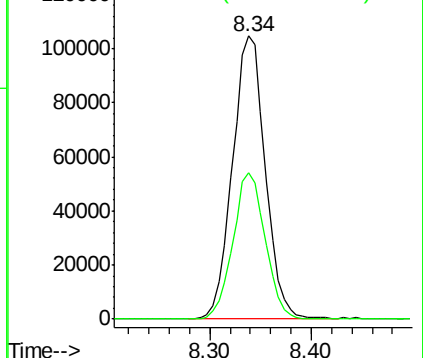
65 100

67 51.2 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# 1182

Delta R.T. 0.01 min

Lab File: VD064892.D

Acq: 20 Jan 2020 16:04

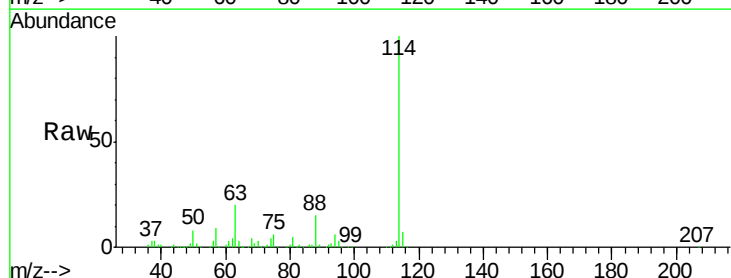
Tgt Ion: 114 Resp: 739286

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

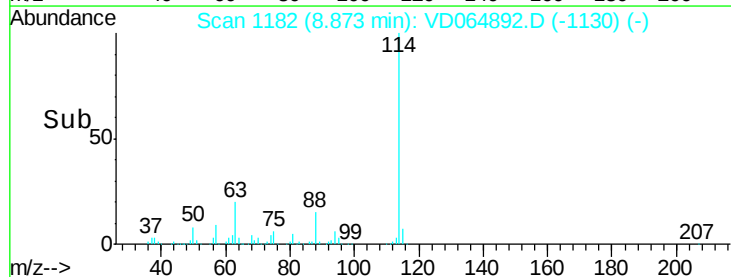
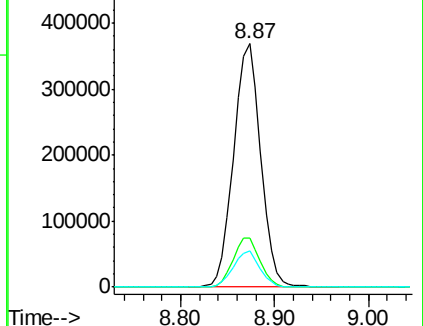
88 14.8 0.0 29.2

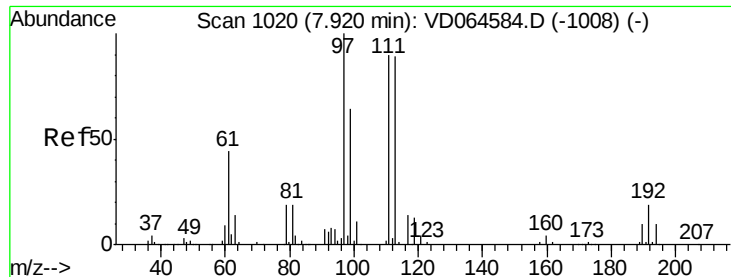


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

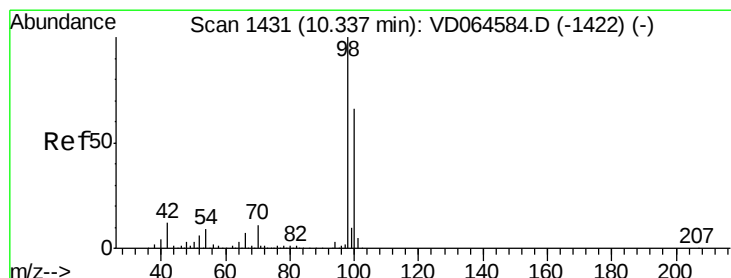
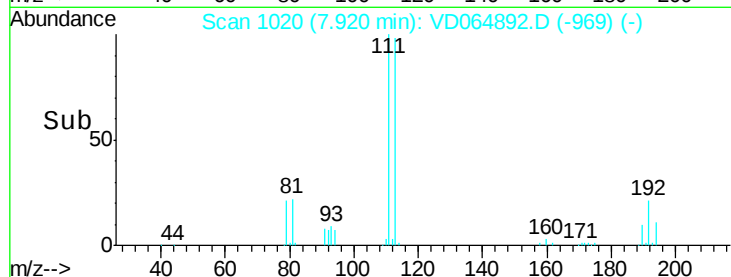
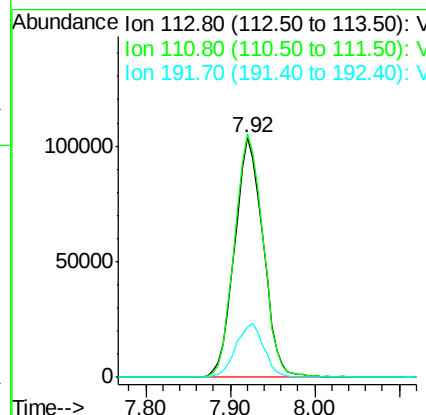
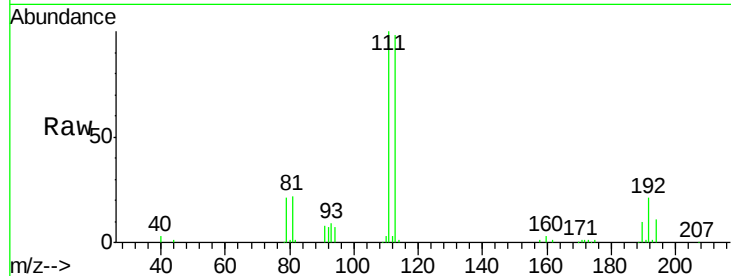




#35
 Dibromofluoromethane
 Concen: 53.182 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064892.D
 Acq: 20 Jan 2020 16:04

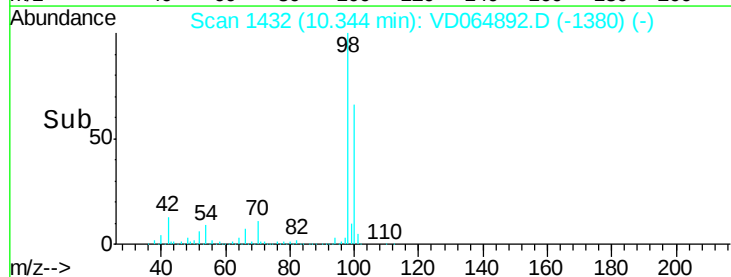
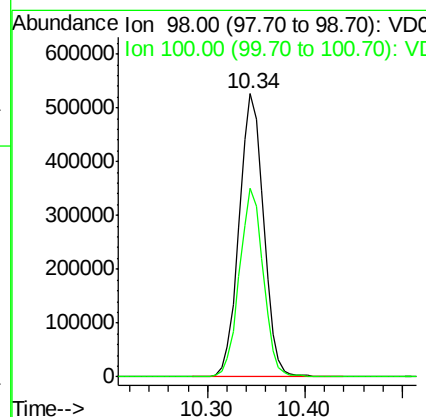
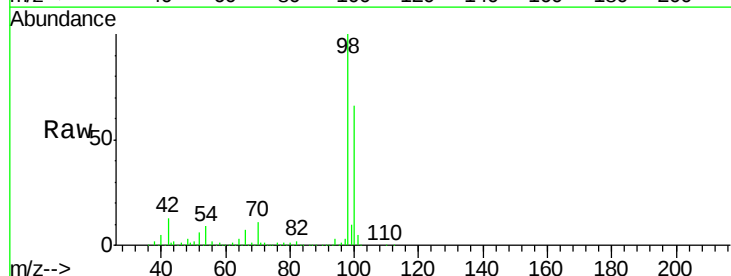
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 SB-4-13.5-14.0

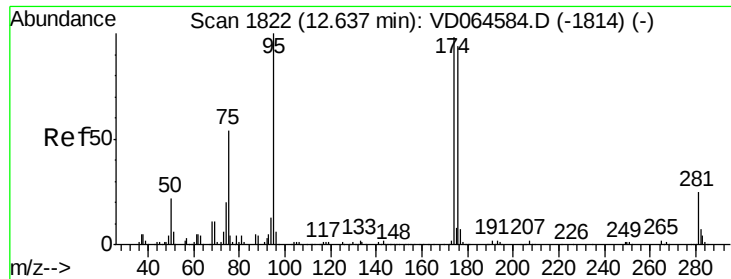
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.6	121.0
192	22.1	17.9	26.9



#50
 Toluene-d8
 Concen: 52.906 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.01 min
 Lab File: VD064892.D
 Acq: 20 Jan 2020 16:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.7	77.5

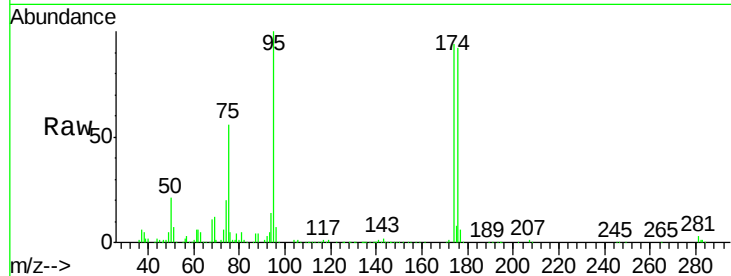




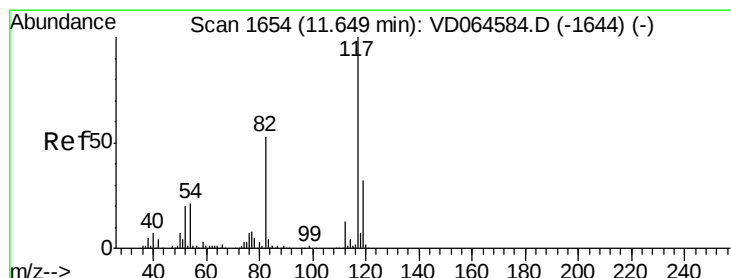
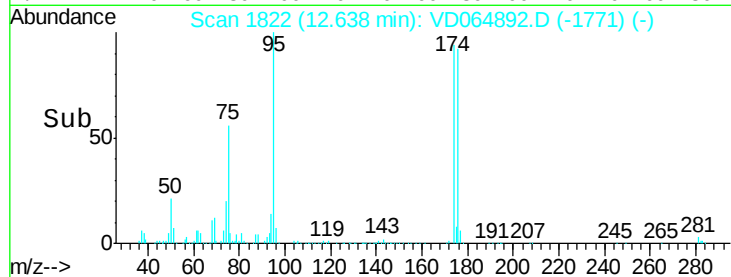
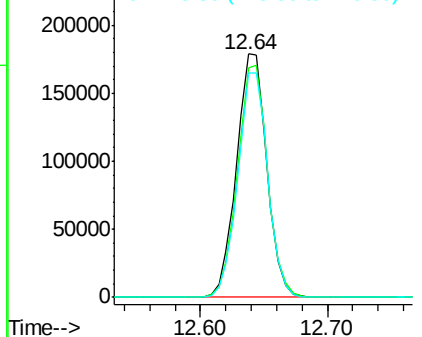
#62
4-Bromofluorobenzene
Concen: 53.690 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064892.D
Acq: 20 Jan 2020 16:04

Instrument :
MSVOA_D
ClientSampleId :
SB-4-13.5-14.0

Tot Ion	Ratio	Lower	Upper
95	100		
174	94.8	0.0	193.2
176	91.4	0.0	184.2

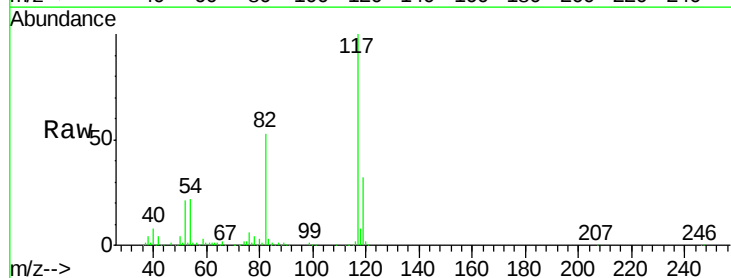


Abundance Ion 94.90 (94.60 to 95.60): VDC
Ion 173.80 (173.50 to 174.50): VDC
Ion 175.80 (175.50 to 176.50): VDC

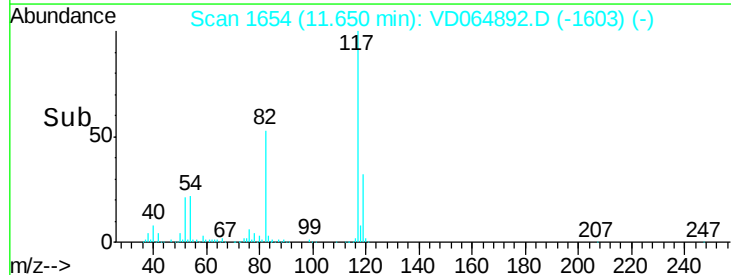
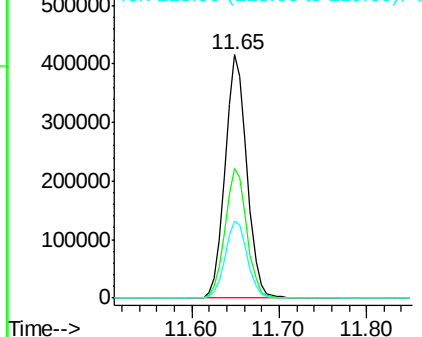


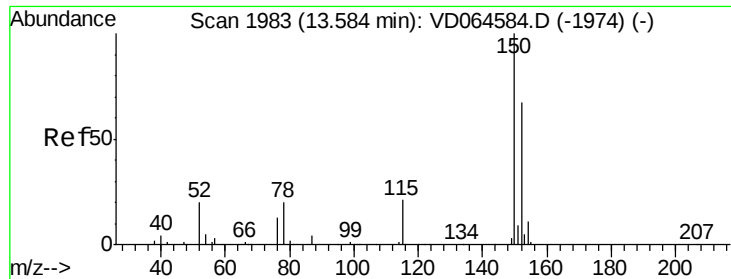
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064892.D
Acq: 20 Jan 2020 16:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.2	63.4
119	31.6	26.0	39.0



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD064892.D

Acq: 20 Jan 2020 16:04

Instrument :

MSVOA_D

ClientSampleId :

SB-4-13.5-14.0

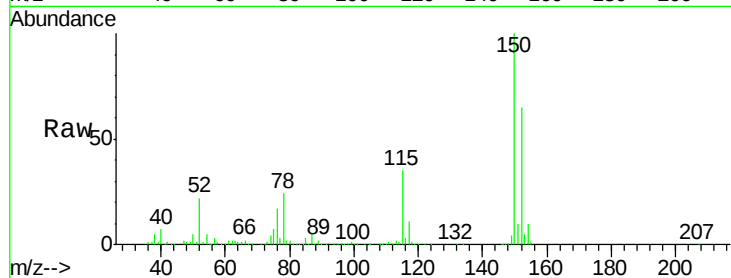
Tot Ion:152 Resp: 340117

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.4

150 157.3 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

