

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
 Data File : VD064121.D
 Acq On : 30 Oct 2019 19:22
 Operator : VA/SY
 Sample : K5603-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190948-COMPOSITE-KM-PA

Quant Time: Oct 31 04:57:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

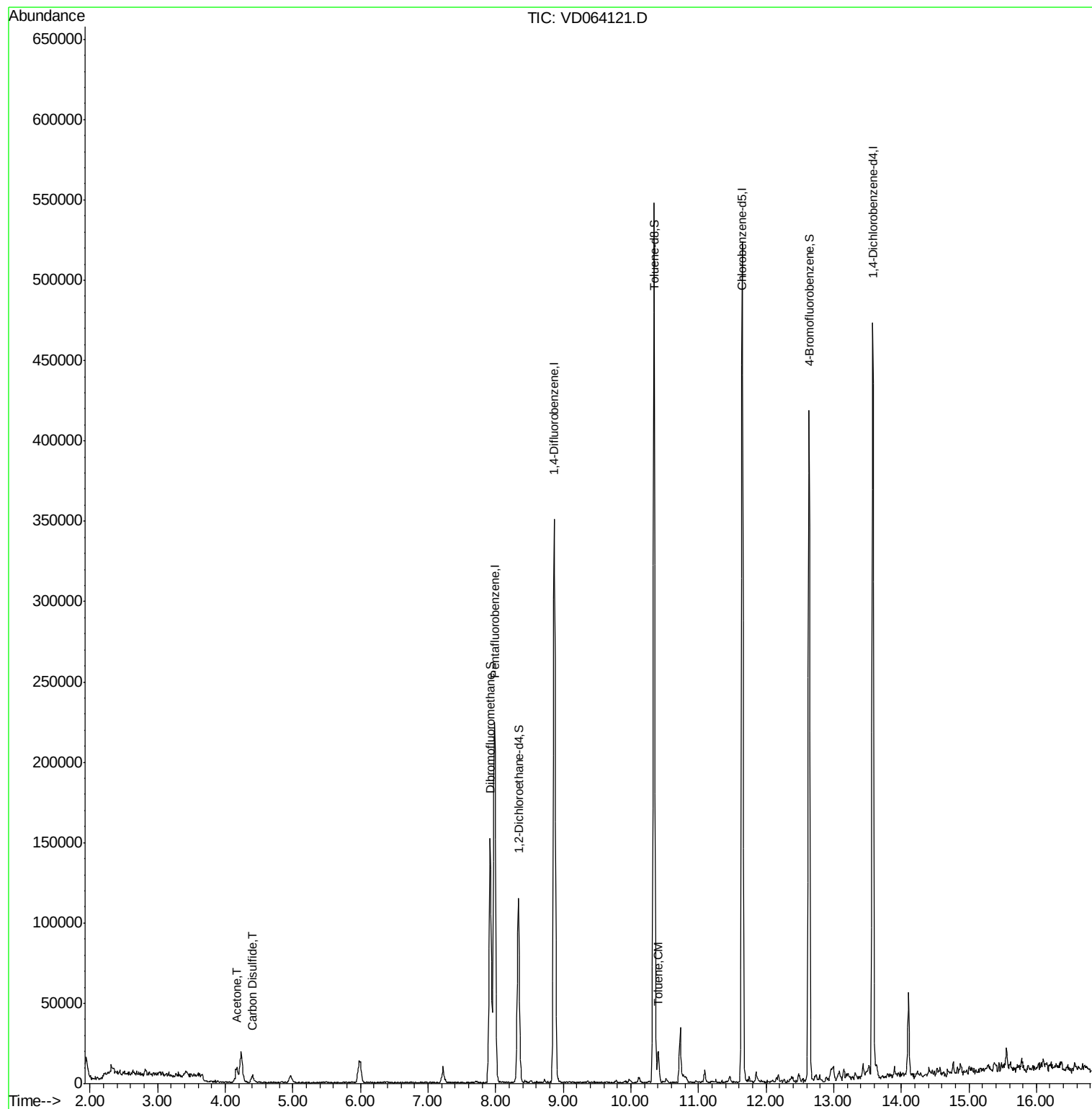
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	186388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	322253	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	308192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	130951	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	92429	62.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.70%	
35) Dibromofluoromethane	7.92	113	100823	50.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.70%	
50) Toluene-d8	10.34	98	373801	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.64	95	115535	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
Target Compounds						
16) Acetone	4.17	43	15549	55.129	ug/l #	77
17) Carbon Disulfide	4.41	76	8750	1.761	ug/l #	91
52) Toluene	10.41	92	7812	1.354	ug/l	98

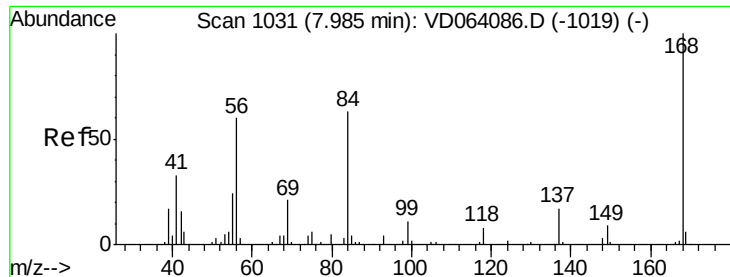
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
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Quant Title : SW846 8260
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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: VD064121.D

Acq: 30 Oct 2019 19:22

Instrument :

MSVOA_D

ClientSampleId :

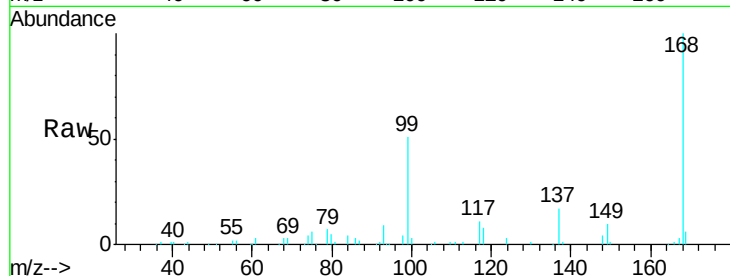
20190948-COMPOSITE-KM-PA

Tgt Ion:168 Resp: 186388

Ion Ratio Lower Upper

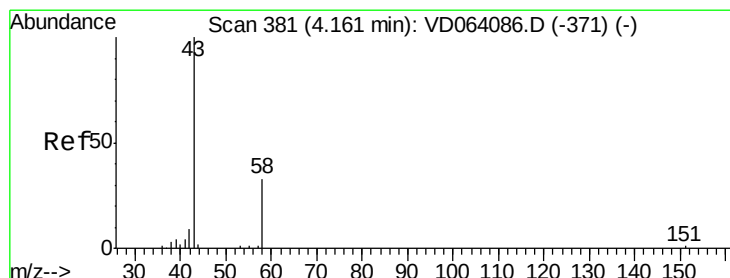
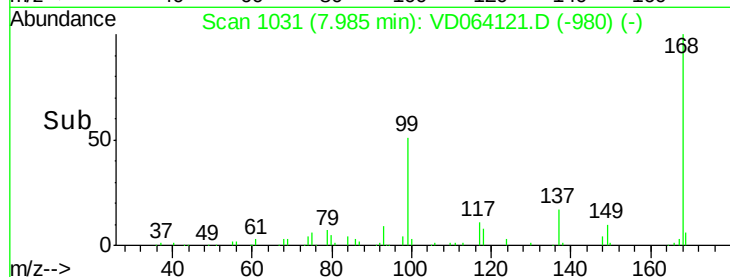
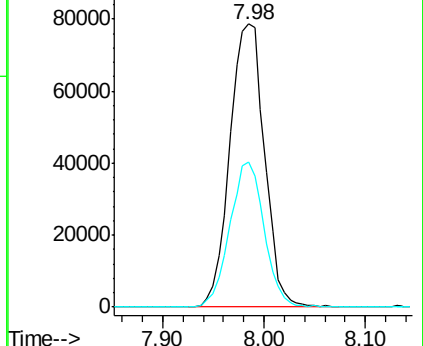
168 100

99 51.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 55.129 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064121.D

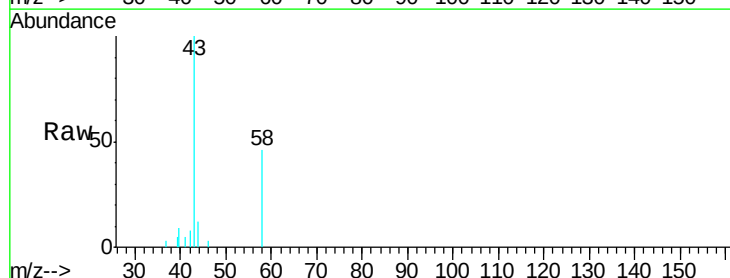
Acq: 30 Oct 2019 19:22

Tgt Ion: 43 Resp: 15549

Ion Ratio Lower Upper

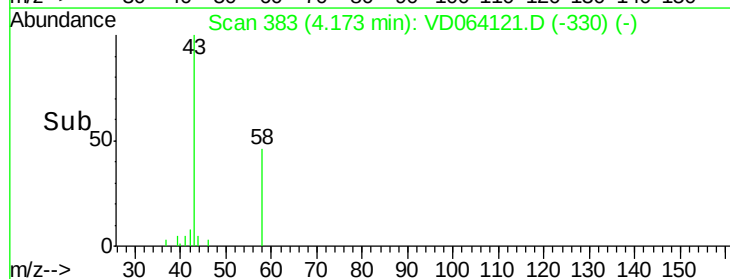
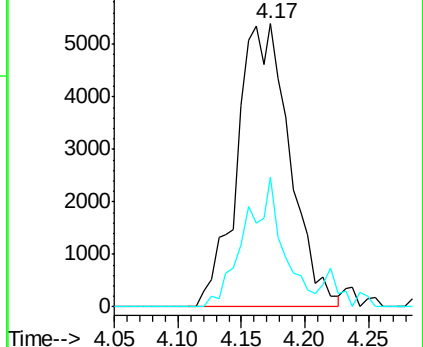
43 100

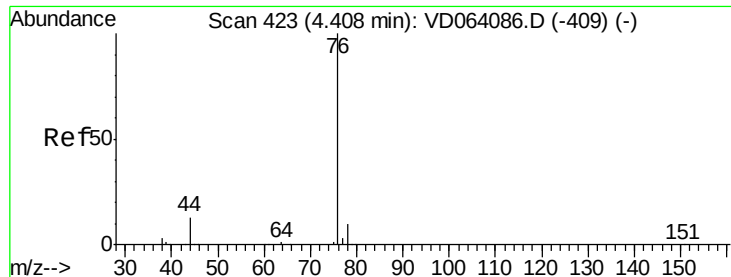
58 46.0 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 1.761 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD064121.D

Acq: 30 Oct 2019 19:22

Instrument :

MSVOA_D

ClientSampleId :

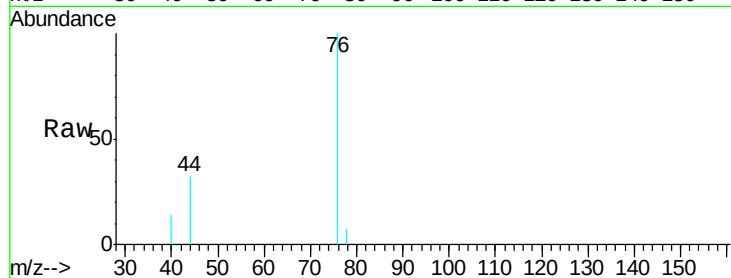
20190948-COMPOSITE-KM-PA

Tgt Ion: 76 Resp: 8750

Ion Ratio Lower Upper

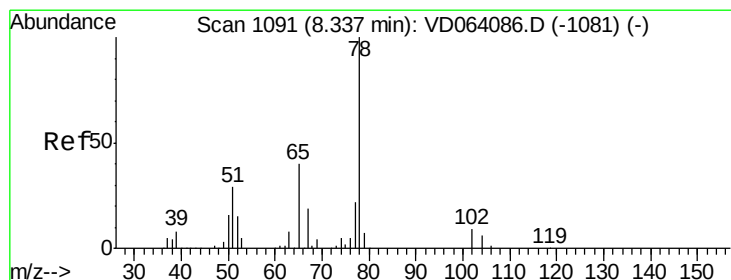
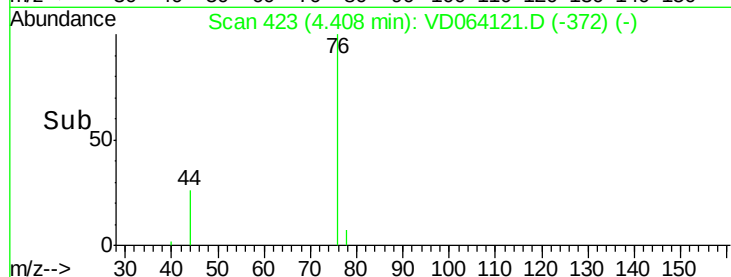
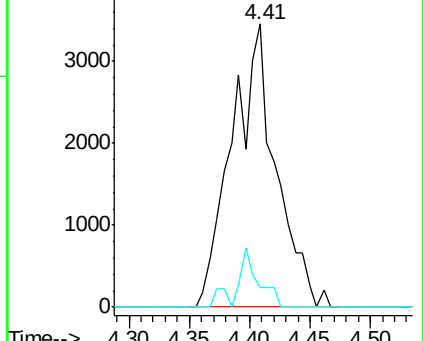
76 100

78 6.9 8.1 12.1#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 62.353 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064121.D

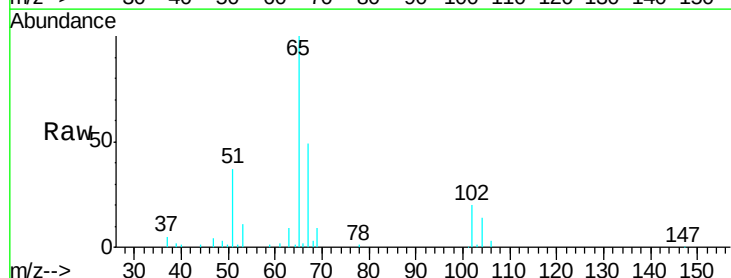
Acq: 30 Oct 2019 19:22

Tgt Ion: 65 Resp: 92429

Ion Ratio Lower Upper

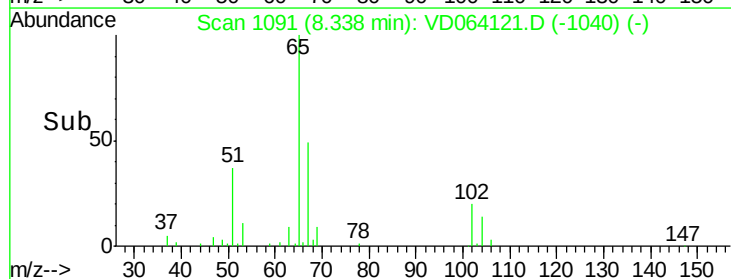
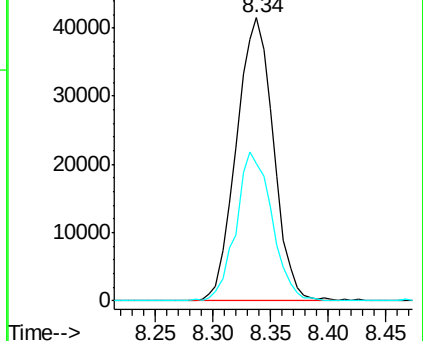
65 100

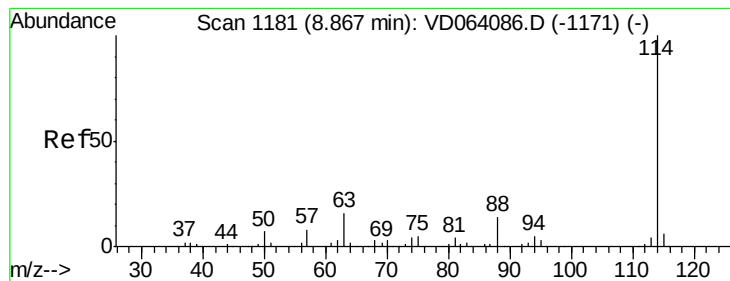
67 50.9 0.0 104.6



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: VD064121.D

Acq: 30 Oct 2019 19:22

Instrument :

MSVOA_D

ClientSampleId :

20190948-COMPOSITE-KM-PA

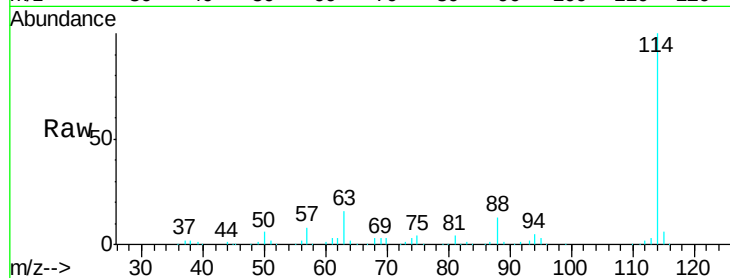
Tgt Ion:114 Resp: 322253

Ion Ratio Lower Upper

114 100

63 15.7 0.0 32.8

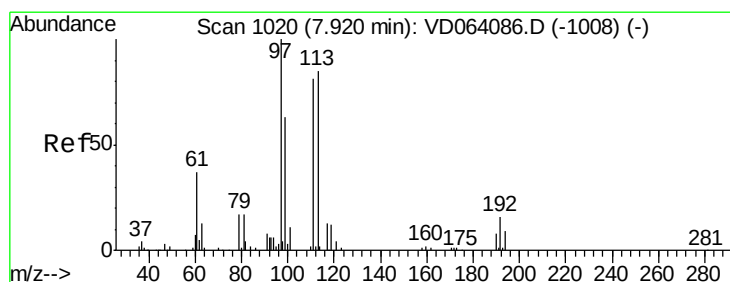
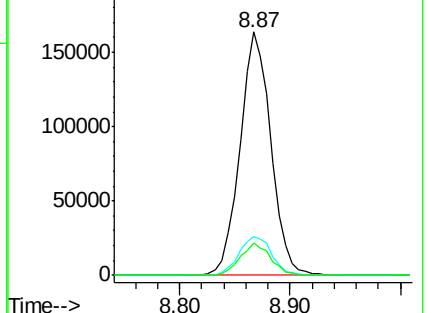
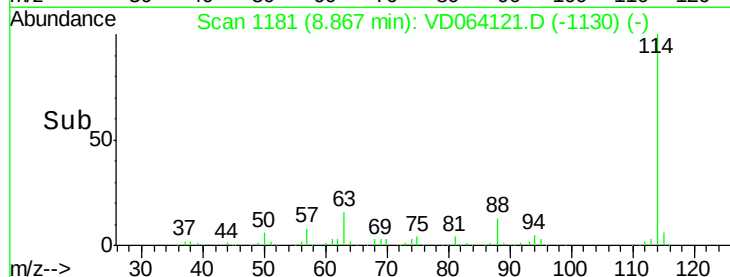
88 13.3 0.0 27.6



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: 50.854 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064121.D

Acq: 30 Oct 2019 19:22

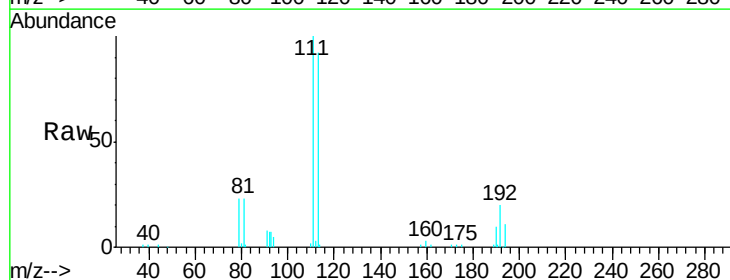
Tgt Ion:113 Resp: 100823

Ion Ratio Lower Upper

113 100

111 106.7 79.3 118.9

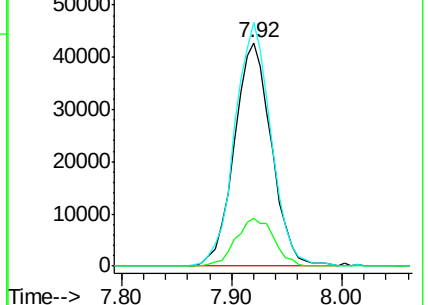
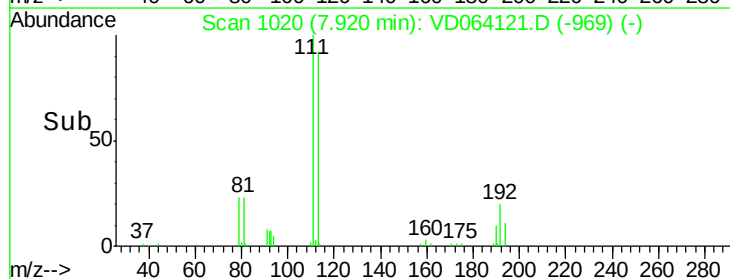
192 22.0 16.2 24.2

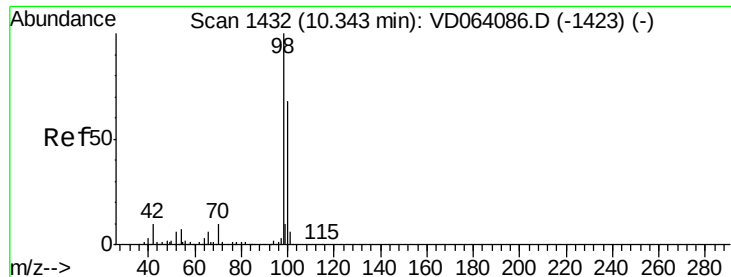


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

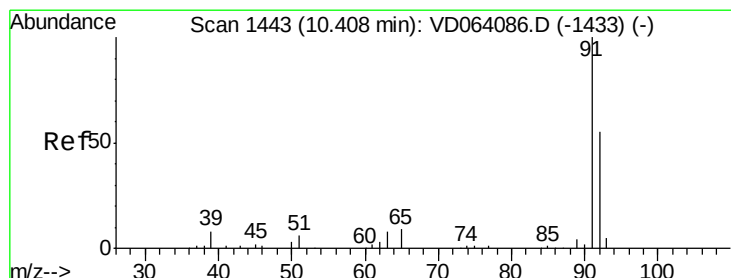
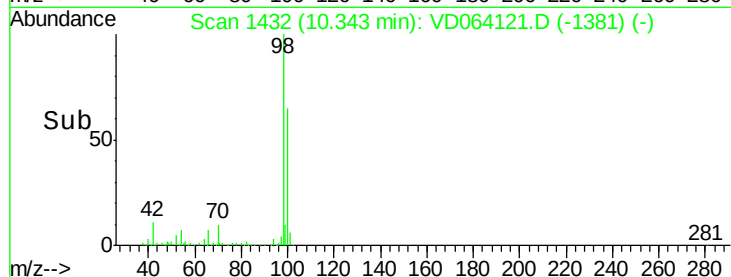
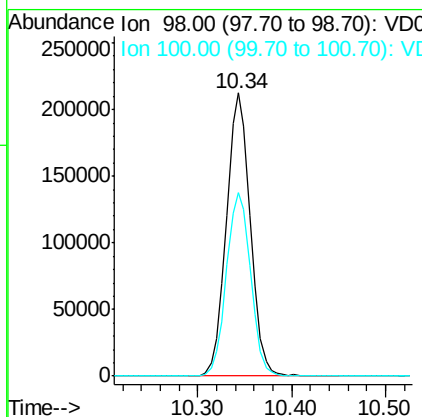
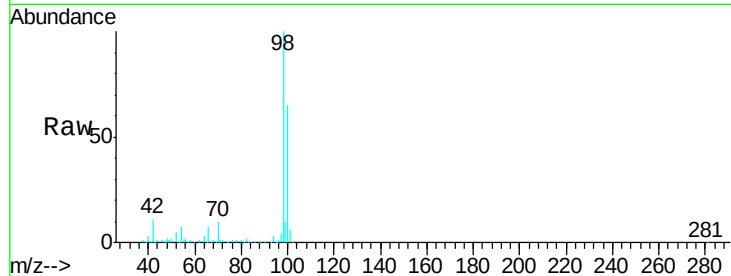




#50
Toluene-d8
Concen: 47.145 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064121.D
Acq: 30 Oct 2019 19:22

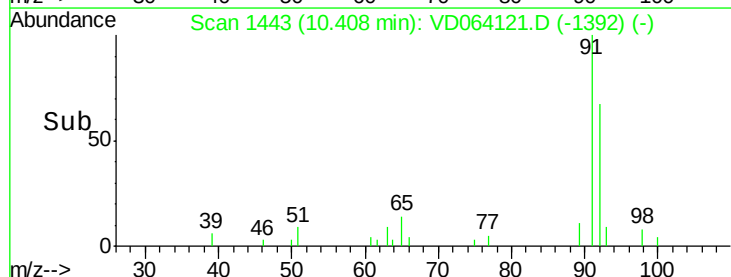
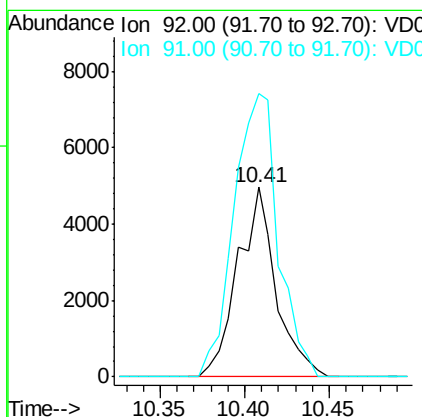
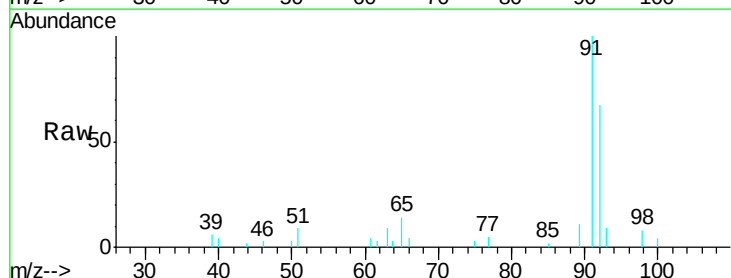
Instrument :
MSVOA_D
ClientSampleId :
20190948-COMPOSITE-KM-PA

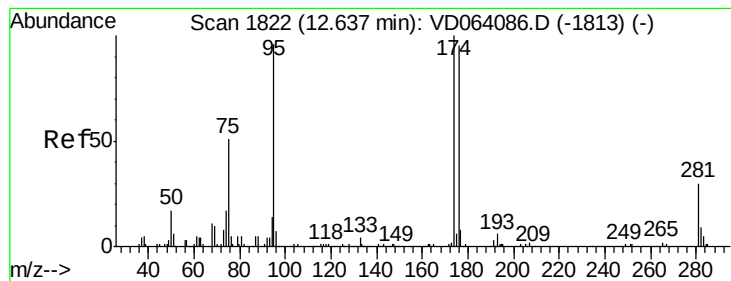
Tgt Ion: 98 Resp: 373801
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



#52
Toluene
Concen: 1.354 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VD064121.D
Acq: 30 Oct 2019 19:22

Tgt Ion: 92 Resp: 7812
Ion Ratio Lower Upper
92 100
91 173.3 140.7 211.1





#62

4-Bromofluorobenzene

Concen: 43.953 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064121.D

Acq: 30 Oct 2019 19:22

Instrument :

MSVOA_D

ClientSampleId :

20190948-COMPOSITE-KM-PA

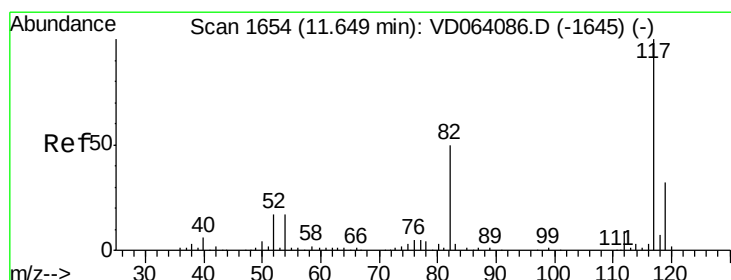
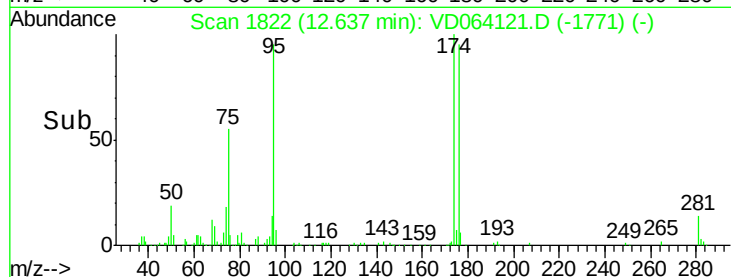
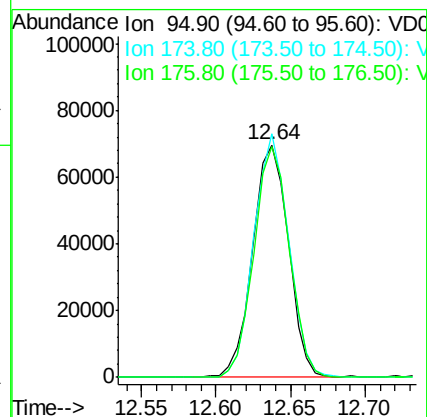
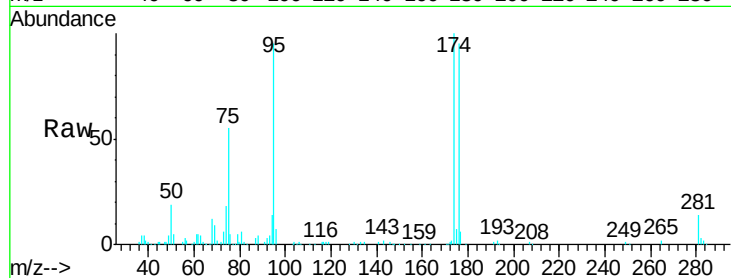
Tgt Ion: 95 Resp: 115535

Ion Ratio Lower Upper

95 100

174 101.7 0.0 201.6

176 98.1 0.0 192.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064121.D

Acq: 30 Oct 2019 19:22

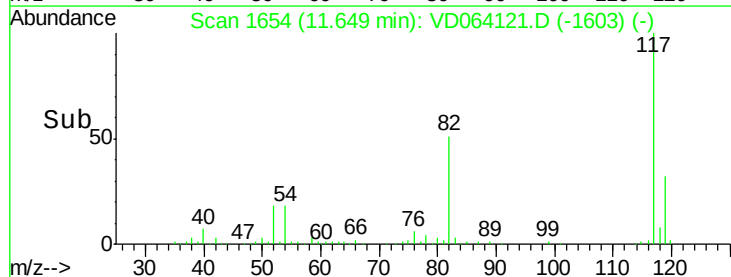
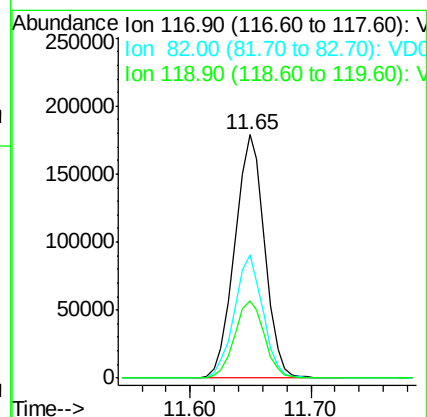
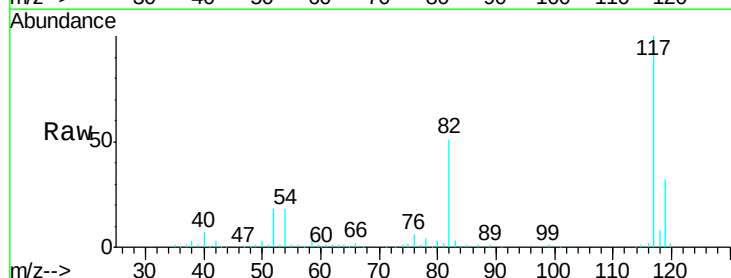
Tgt Ion: 117 Resp: 308192

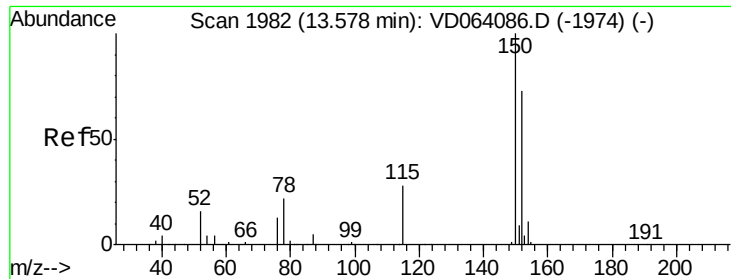
Ion Ratio Lower Upper

117 100

82 50.8 40.2 60.4

119 31.7 26.0 39.0

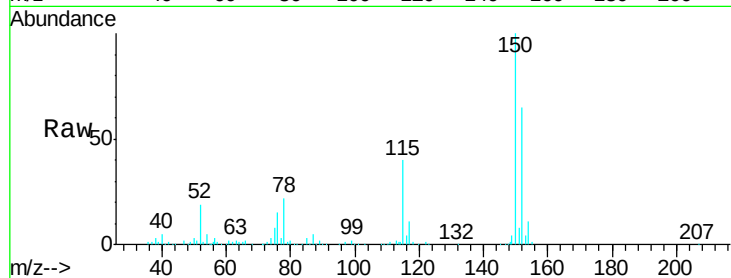




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD064121.D
 Acq: 30 Oct 2019 19:22

Instrument :
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 20190948-COMPOSITE-KM-PA

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.2	78.6
150	151.7	0.0	338.8



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

