

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD103019\
 Data File : VD064122.D
 Acq On : 30 Oct 2019 19:50
 Operator : VA/SY
 Sample : K5603-02
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190949-AMENDED-COMPOSITE-

Quant Time: Nov 13 02:14:21 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

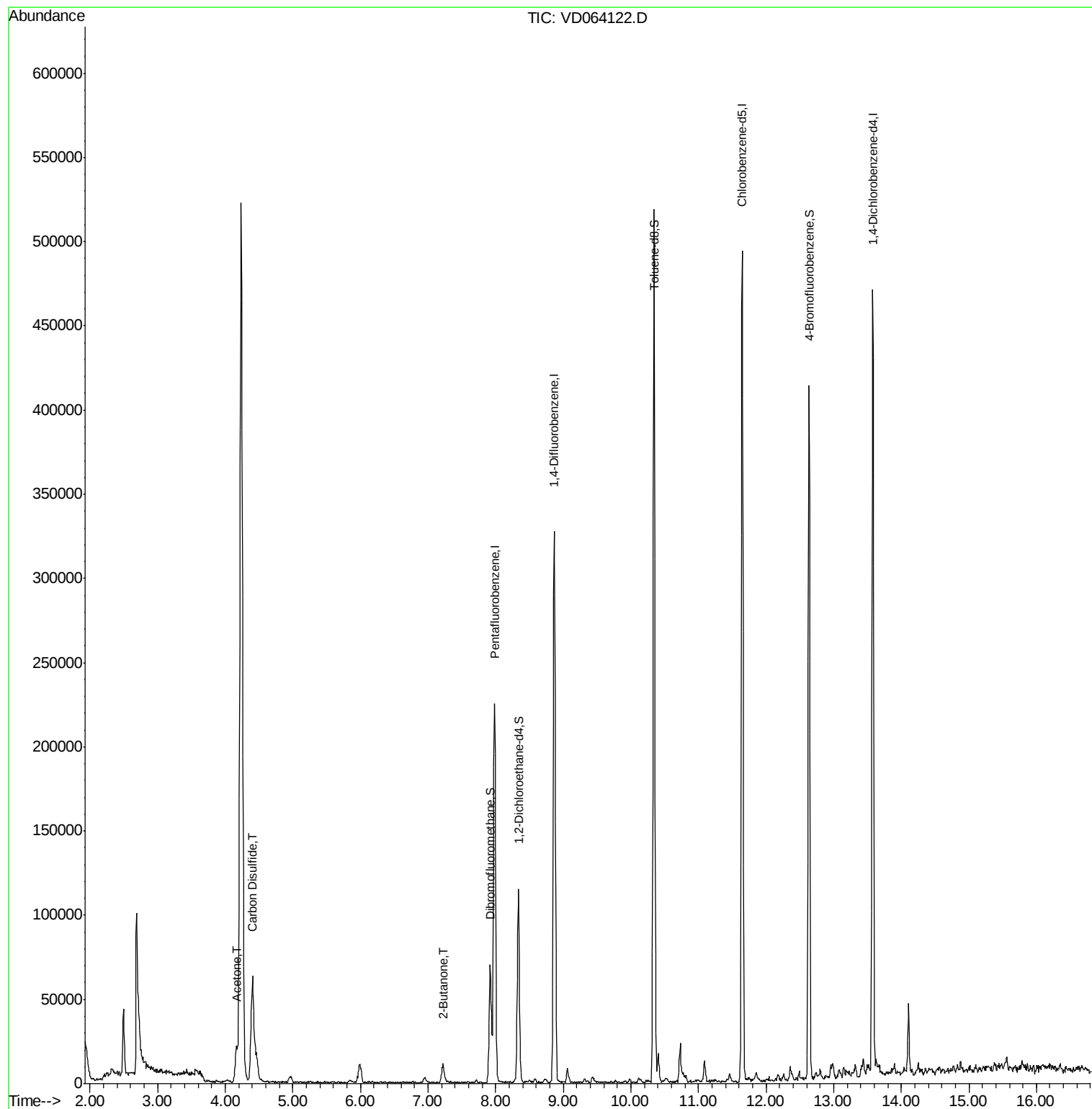
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	180242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	304770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	299199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	128794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	87336	60.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.86%	
35) Dibromofluoromethane	7.92	113	47928	25.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	51.12%	
50) Toluene-d8	10.34	98	364334	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.64	95	118252	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
Target Compounds						
16) Acetone	4.17	43	39365	144.328	ug/l	Qvalue 89
17) Carbon Disulfide	4.40	76	134494	27.992	ug/l #	94
25) 2-Butanone	7.22	43	8058	21.371	ug/l #	77

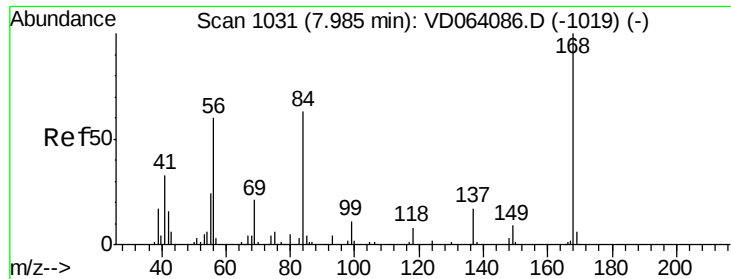
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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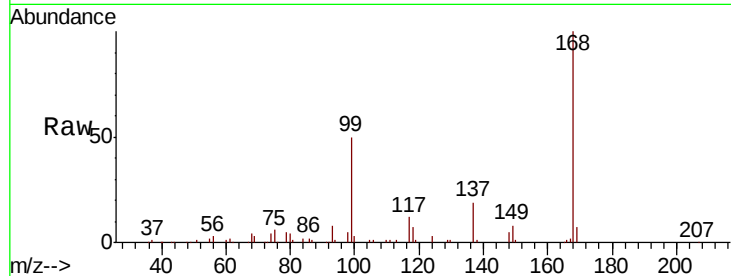
20190949-AMENDED-COMPOSITE-

Tot Ion:168 Resp: 180242

Ion Ratio Lower Upper

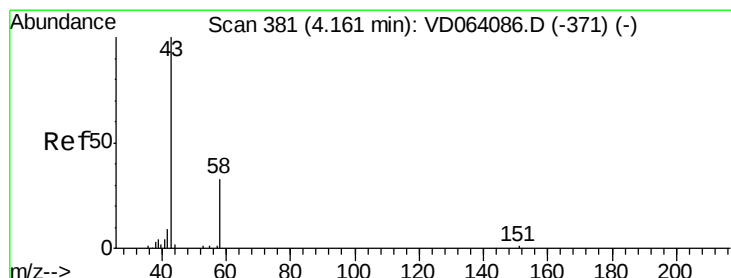
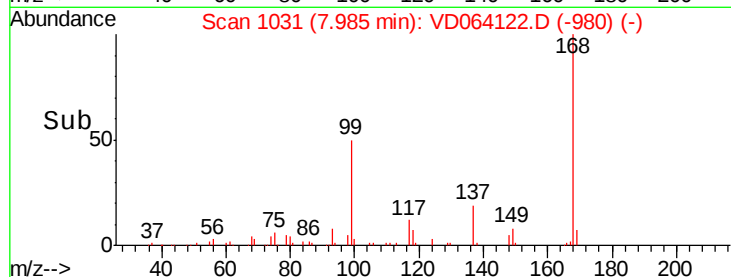
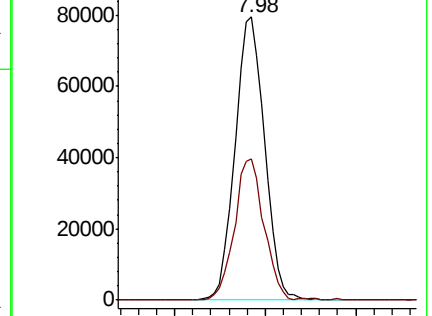
168 100

99 49.8 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: 144.328 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD064122.D

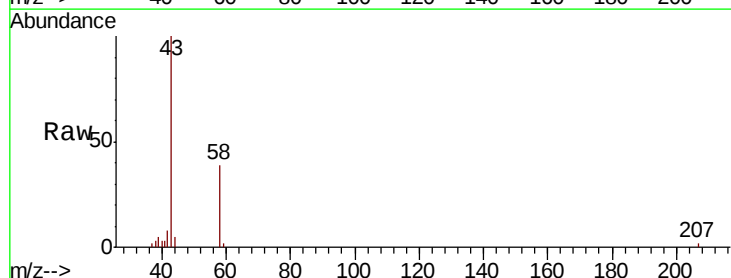
Acq: 30 Oct 2019 19:50

Tgt Ion: 43 Resp: 39365

Ion Ratio Lower Upper

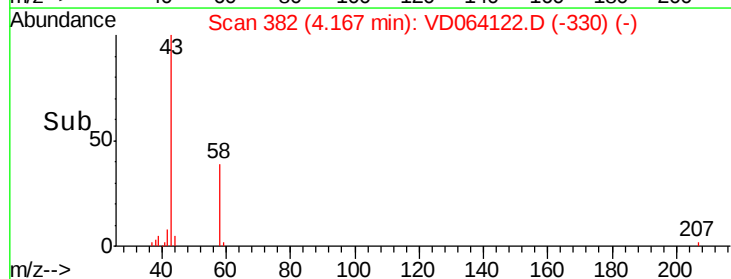
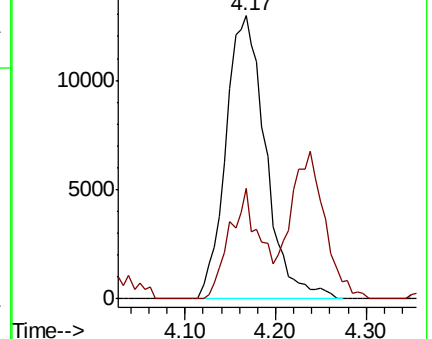
43 100

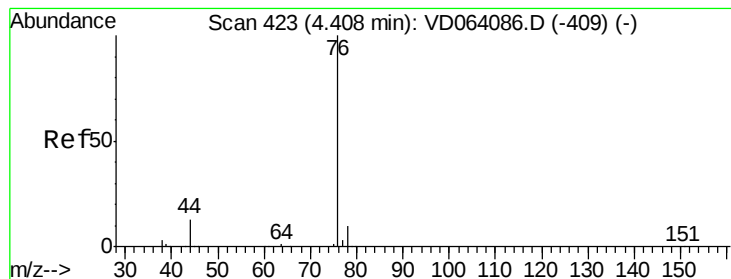
58 39.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 27.992 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD064122.D

Acq: 30 Oct 2019 19:50

Instrument :

MSVOA_D

ClientSampleId :

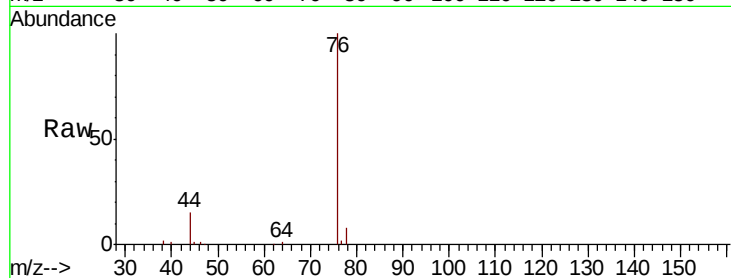
20190949-AMENDED-COMPOSITE-

Tot Ion: 76 Resp: 134494

Ion Ratio Lower Upper

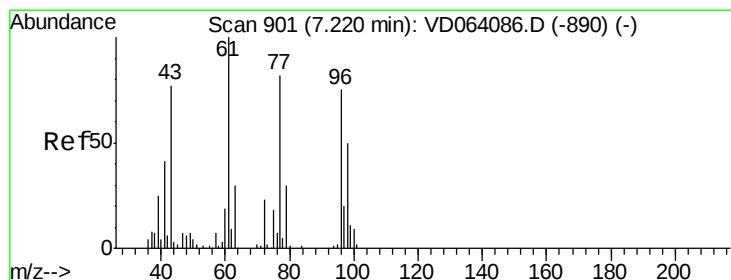
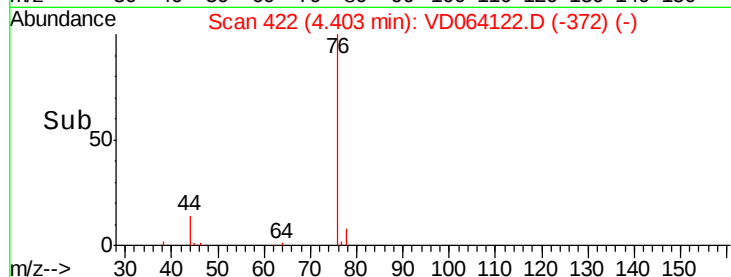
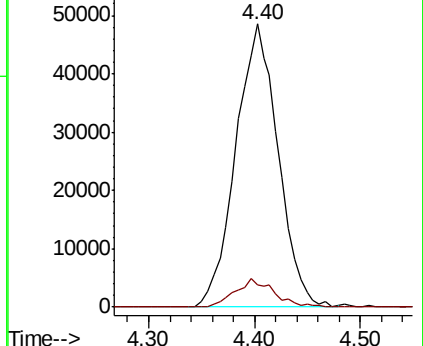
76 100

78 7.9 8.1 12.1#



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#25

2-Butanone

Concen: 21.371 ug/l

RT: 7.22 min Scan# 901

Delta R.T. 0.00 min

Lab File: VD064122.D

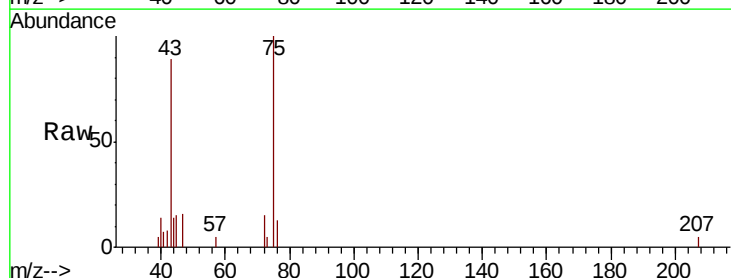
Acq: 30 Oct 2019 19:50

Tgt Ion: 43 Resp: 8058

Ion Ratio Lower Upper

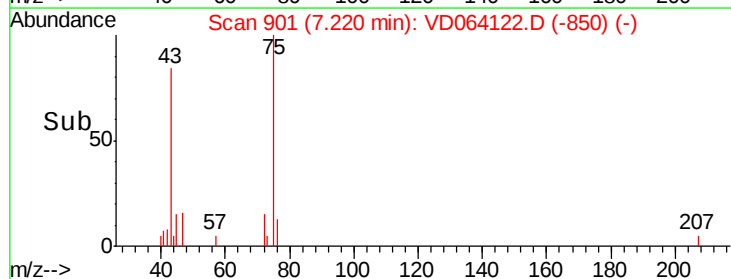
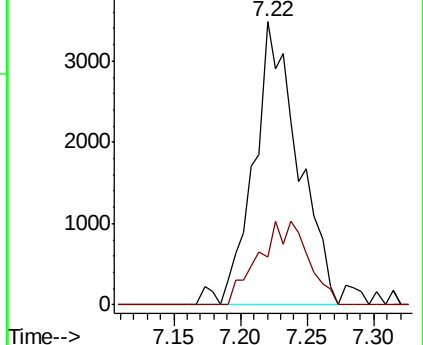
43 100

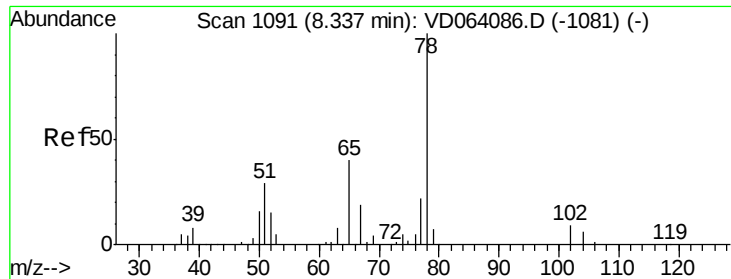
72 16.8 23.4 35.0#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

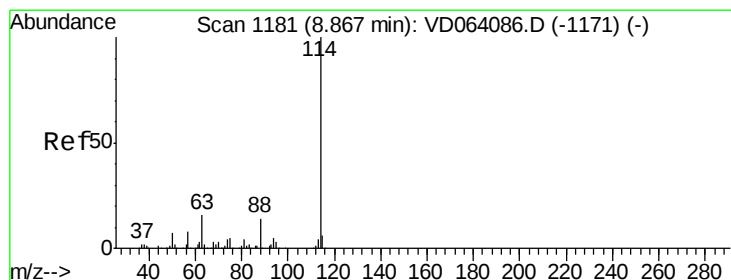
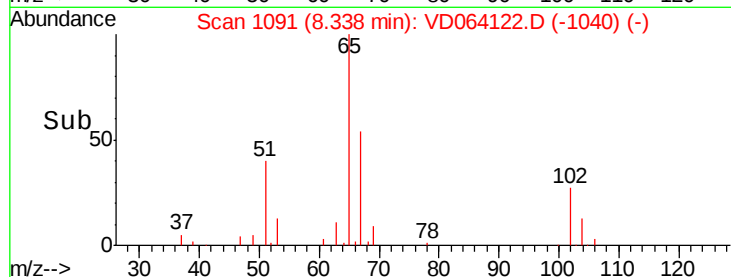
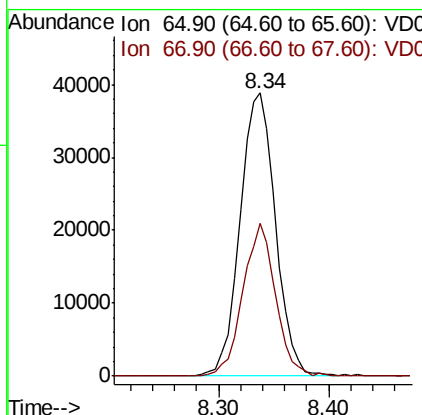
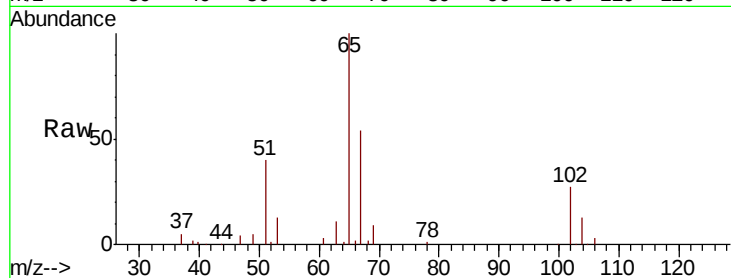




#33
 1,2-Dichloroethane-d4
 Concen: 60.926 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD064122.D
 Acq: 30 Oct 2019 19:50

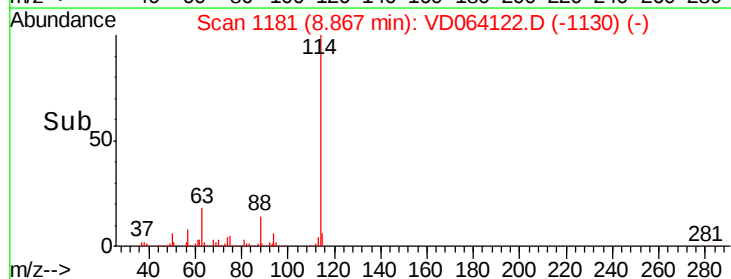
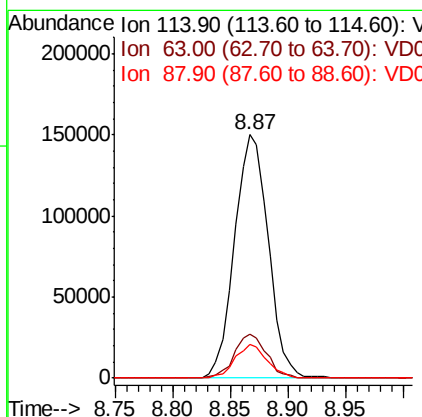
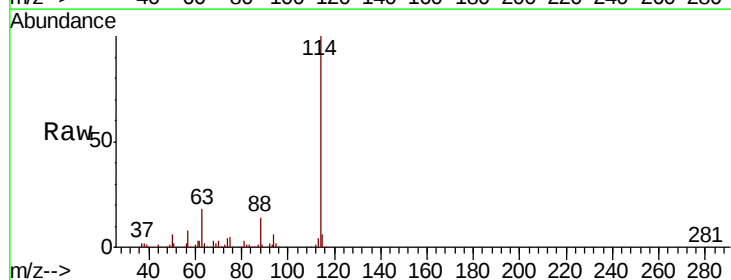
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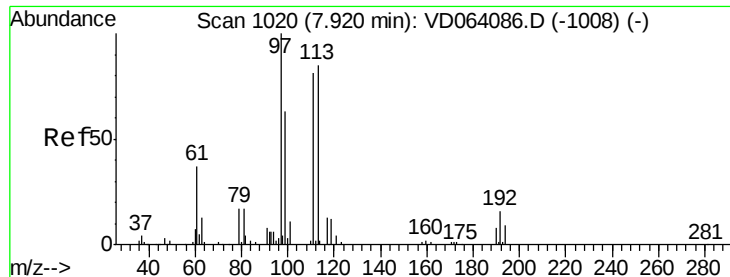
Tot Ion: 65 Resp: 87336
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064122.D
 Acq: 30 Oct 2019 19:50

Tgt Ion: 114 Resp: 304770
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 32.8
 88 13.6 0.0 27.6

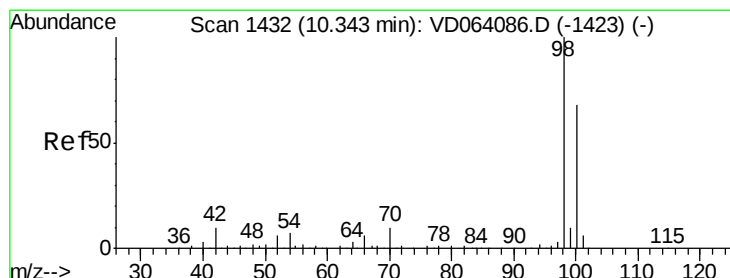
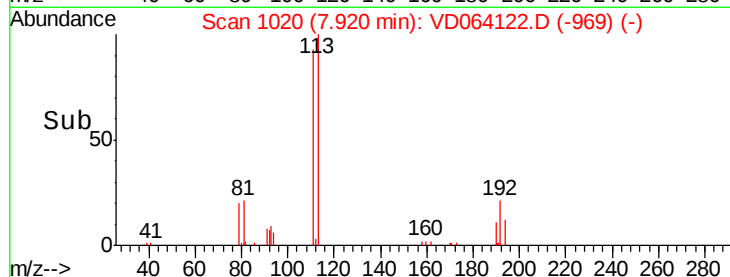
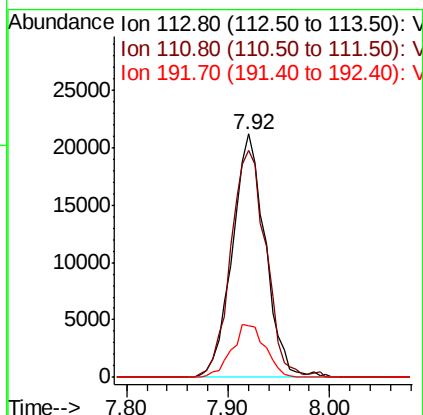
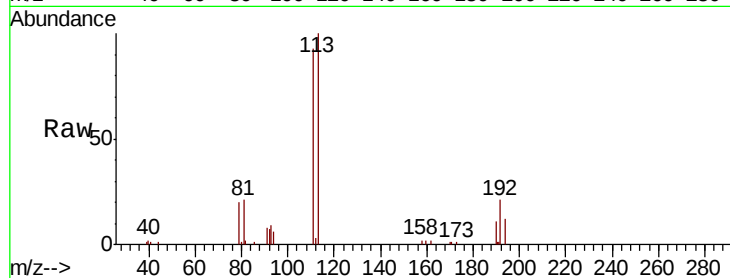




#35
 Dibromofluoromethane
 Concen: 25.561 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064122.D
 Acq: 30 Oct 2019 19:50

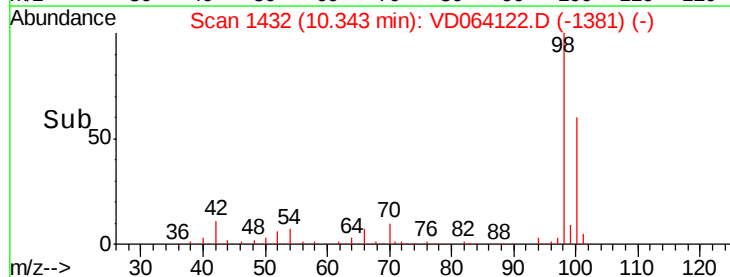
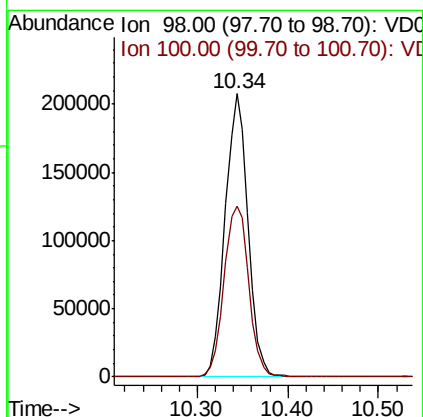
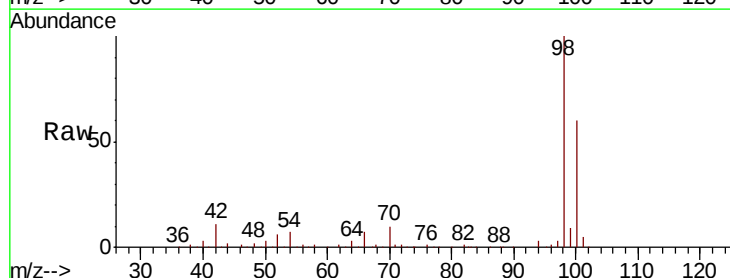
Instrument :
 MSVOA_D
 ClientSampleId :
 20190949-AMENDED-COMPOSITE-

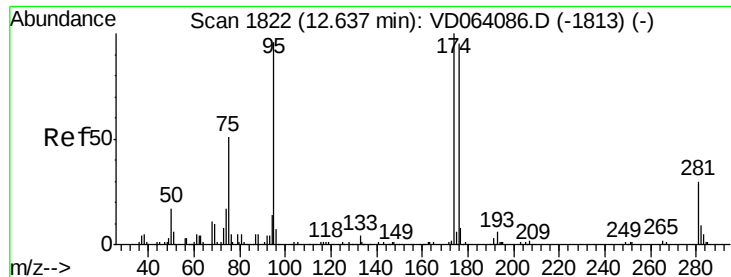
Tot Ion:113 Resp: 47928
 Ion Ratio Lower Upper
 113 100
 111 98.7 79.3 118.9
 192 21.8 16.2 24.2



#50
 Toluene-d8
 Concen: 48.587 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD064122.D
 Acq: 30 Oct 2019 19:50

Tgt Ion: 98 Resp: 364334
 Ion Ratio Lower Upper
 98 100
 100 64.9 53.4 80.0

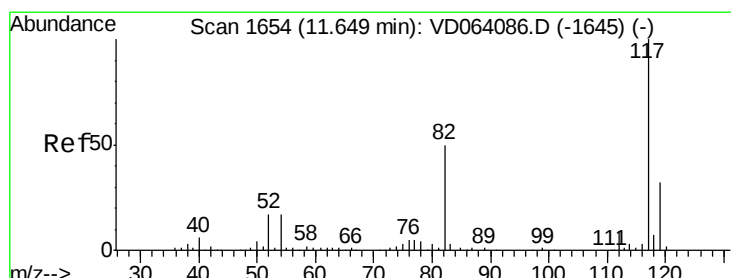
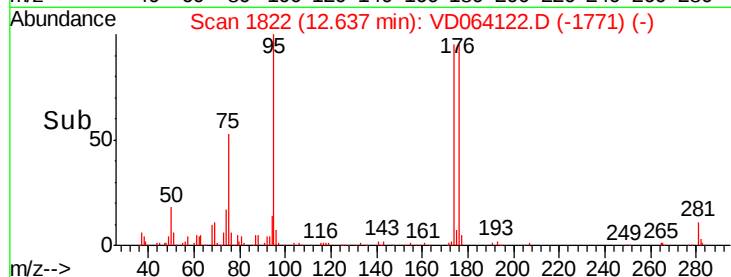
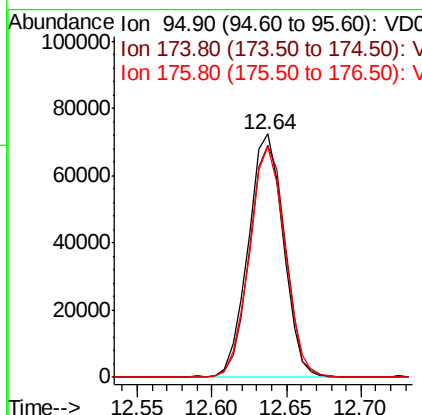
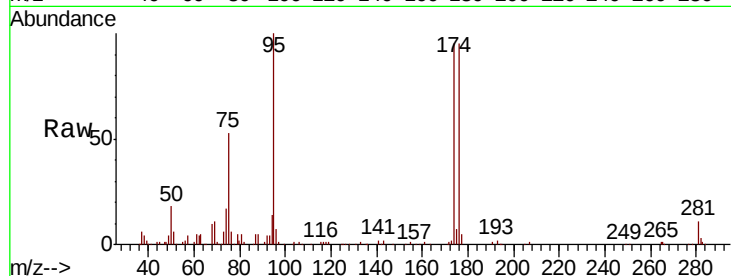




#62
4-Bromofluorobenzene
Concen: 47.567 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064122.D
Acq: 30 Oct 2019 19:50

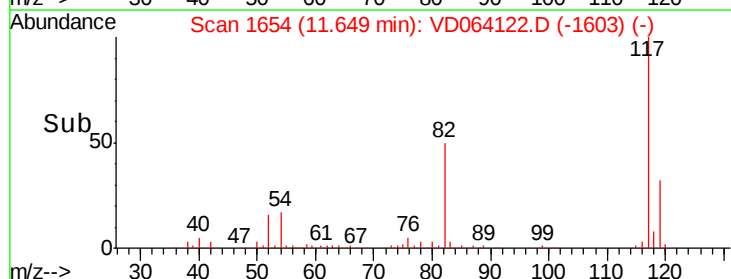
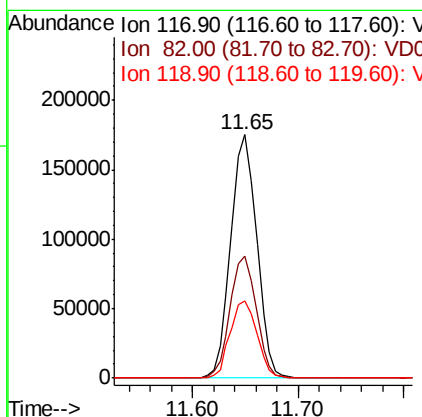
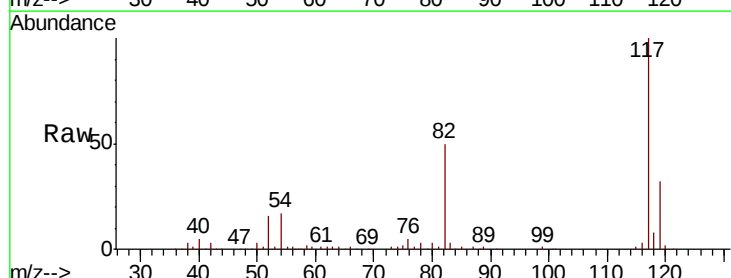
Instrument :
MSVOA_D
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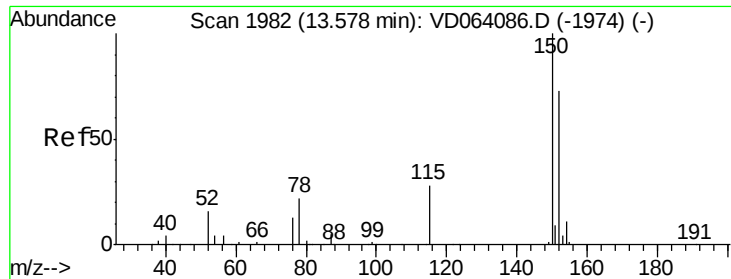
Tot Ion: 95 Resp: 118252
Ion Ratio Lower Upper
95 100
174 96.5 0.0 201.6
176 95.2 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064122.D
Acq: 30 Oct 2019 19:50

Tgt Ion: 117 Resp: 299199
Ion Ratio Lower Upper
117 100
82 50.1 40.2 60.4
119 31.9 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD064122.D

Acq: 30 Oct 2019 19:50

Instrument :

MSVOA_D

ClientSampleId :

20190949-AMENDED-COMPOSITE-

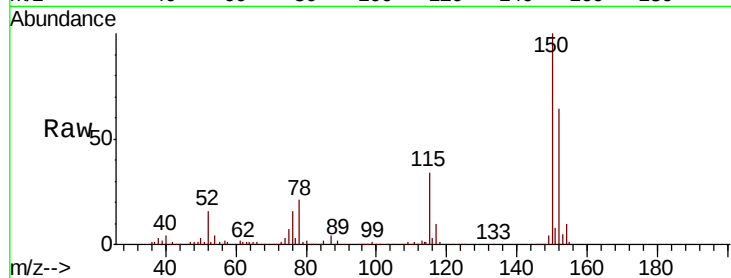
Tot Ion:152 Resp: 128794

Ion Ratio Lower Upper

152 100

115 53.1 26.2 78.6

150 157.3 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

