

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
 Data File : VD064123.D
 Acq On : 30 Oct 2019 20:19
 Operator : VA/SY
 Sample : K5603-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190949-AMENDED-COMPOSITE-

Quant Time: Oct 31 05:01:54 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

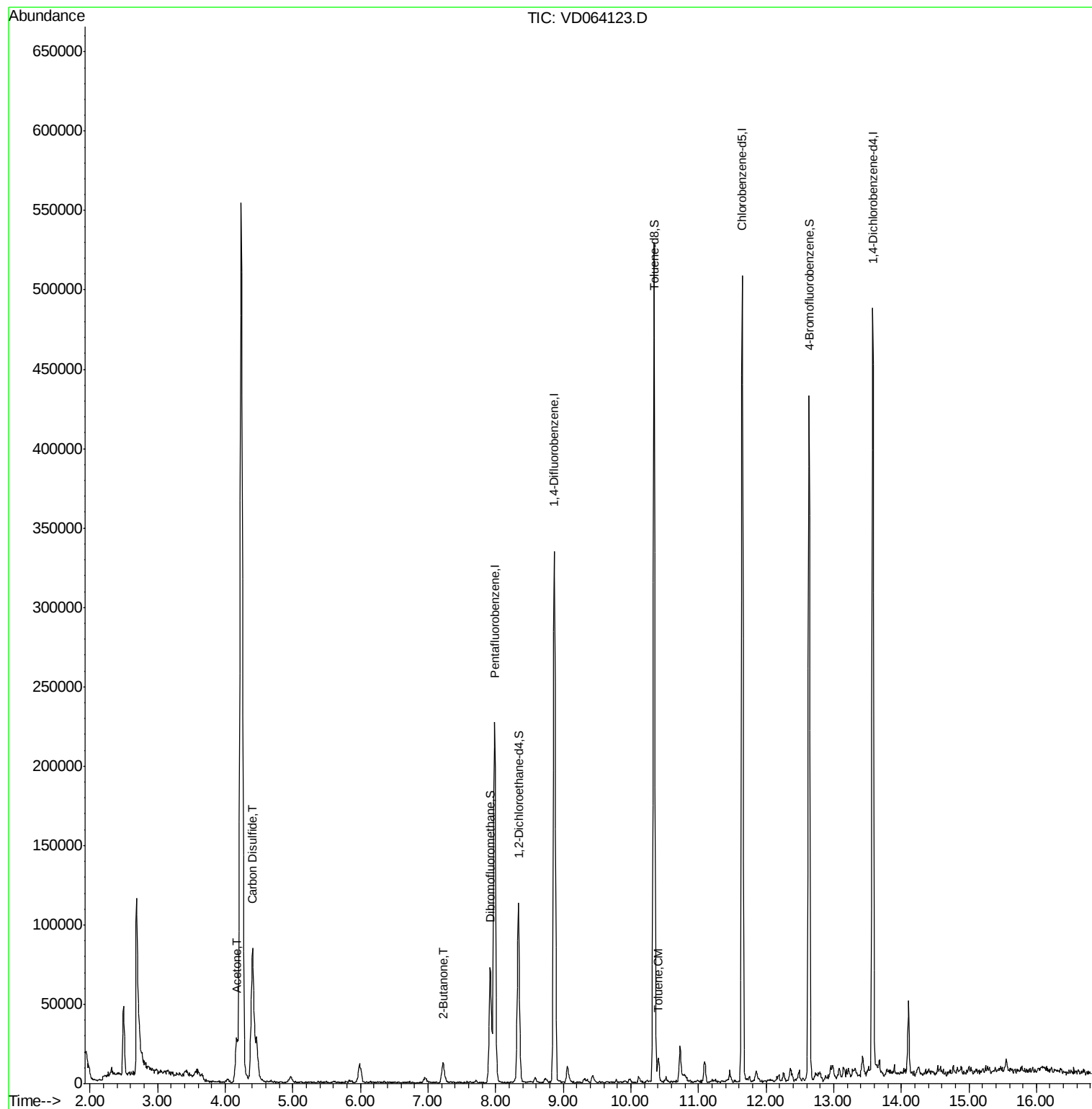
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	179004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	302969	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	300273	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	130823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	91298	64.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.26%	
35) Dibromofluoromethane	7.92	113	49517	26.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.14%	
50) Toluene-d8	10.34	98	366570	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.64	95	123099	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
Target Compounds						
16) Acetone	4.17	43	49928	184.323	ug/l	98
17) Carbon Disulfide	4.40	76	175557	36.791	ug/l #	94
25) 2-Butanone	7.23	43	10813	28.875	ug/l	96
52) Toluene	10.41	92	5433	1.001	ug/l	82

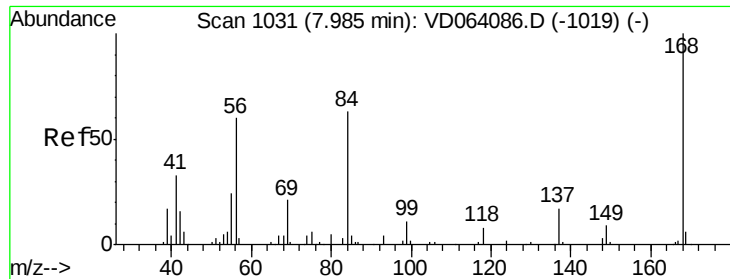
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
Data File : VD064123.D
Acq On : 30 Oct 2019 20:19
Operator : VA/SY
Sample : K5603-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
20190949-AMENDED-COMPOSITE-

Quant Time: Oct 31 05:01:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 08:00:10 2019
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: VD064123.D

Acq: 30 Oct 2019 20:19

Instrument :

MSVOA_D

ClientSampleId :

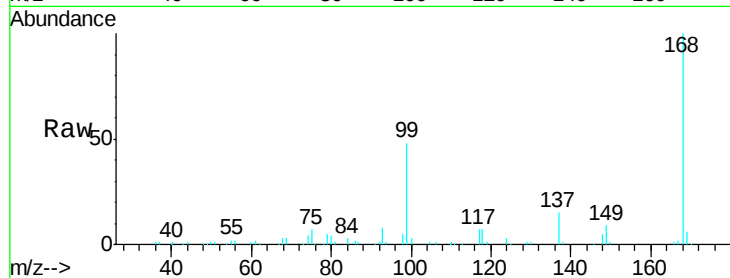
20190949-AMENDED-COMPOSITE-

Tgt Ion:168 Resp: 179004

Ion Ratio Lower Upper

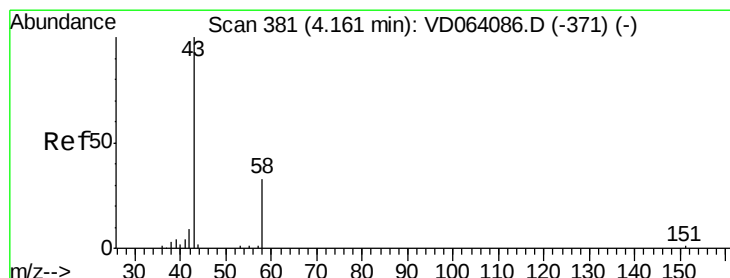
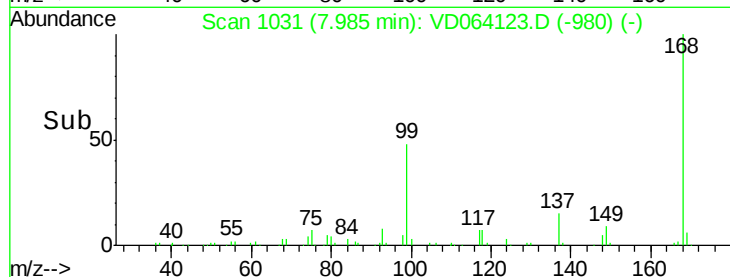
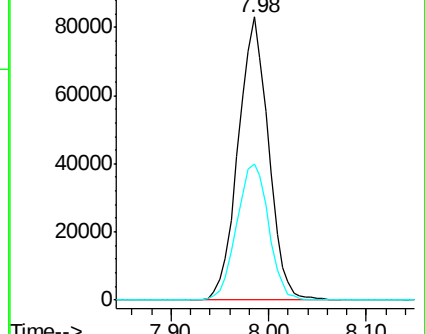
168 100

99 48.2 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: 184.323 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD064123.D

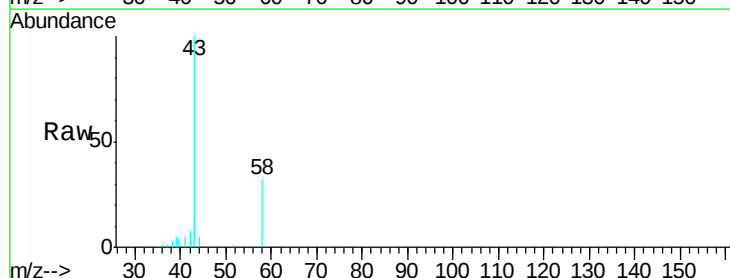
Acq: 30 Oct 2019 20:19

Tgt Ion: 43 Resp: 49928

Ion Ratio Lower Upper

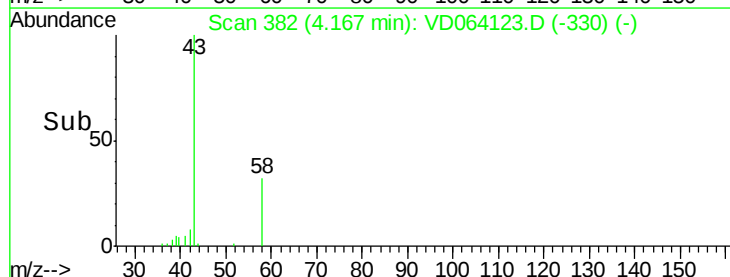
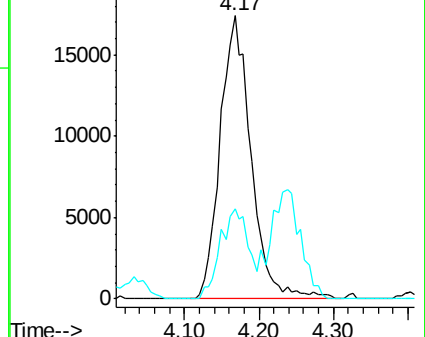
43 100

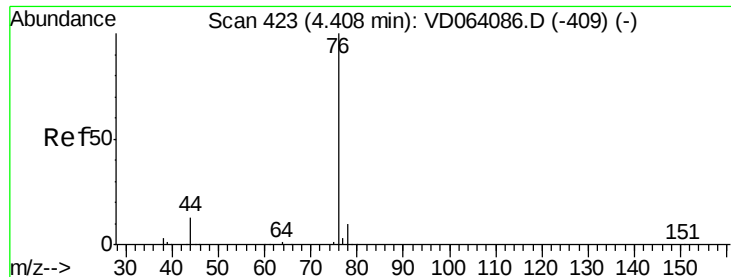
58 31.7 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

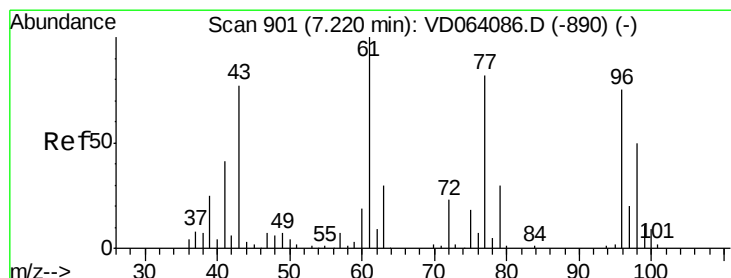
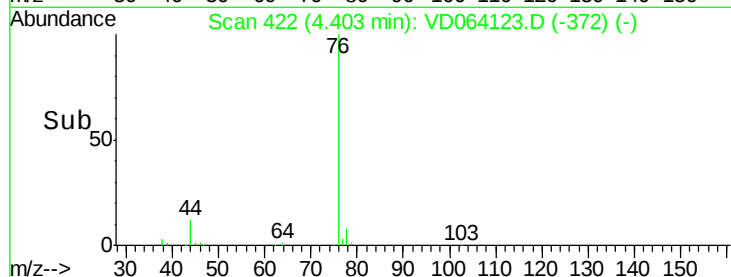
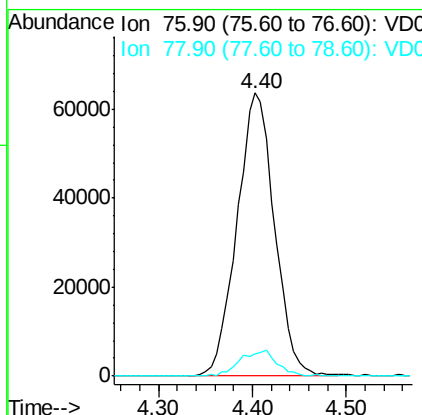
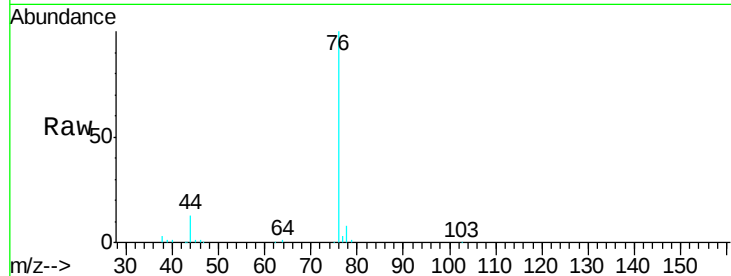




#17
Carbon Disulfide
Concen: 36.791 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD064123.D
Acq: 30 Oct 2019 20:19

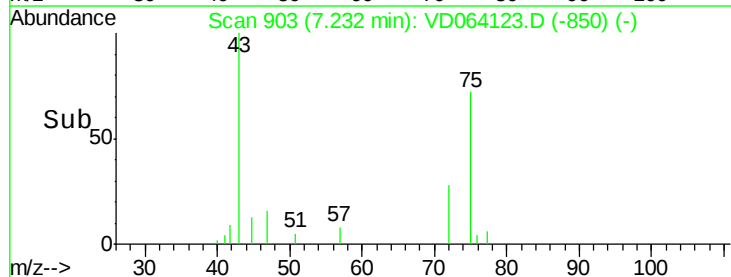
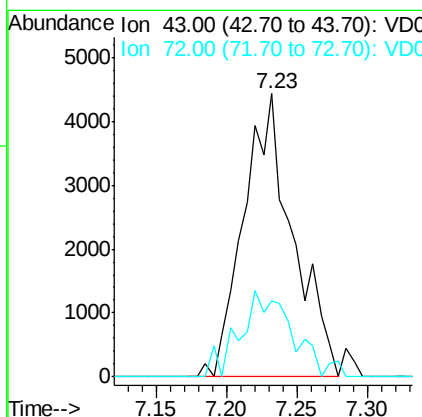
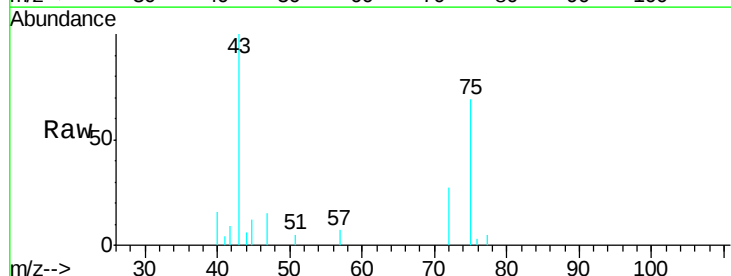
Instrument :
MSVOA_D
ClientSampleId :
20190949-AMENDED-COMPOSITE-

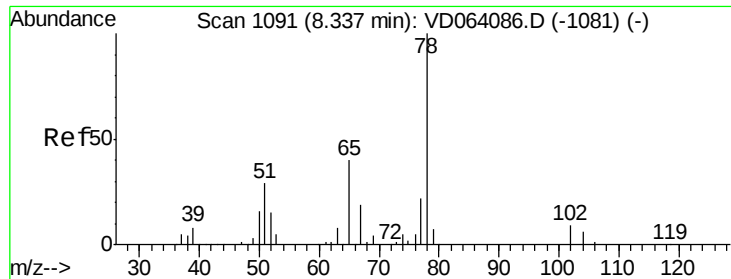
Tgt Ion: 76 Resp: 175557
Ion Ratio Lower Upper
76 100
78 7.7 8.1 12.1#



#25
2-Butanone
Concen: 28.875 ug/l
RT: 7.23 min Scan# 903
Delta R.T. 0.01 min
Lab File: VD064123.D
Acq: 30 Oct 2019 20:19

Tgt Ion: 43 Resp: 10813
Ion Ratio Lower Upper
43 100
72 27.0 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 64.130 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064123.D

Acq: 30 Oct 2019 20:19

Instrument :

MSVOA_D

ClientSampleId :

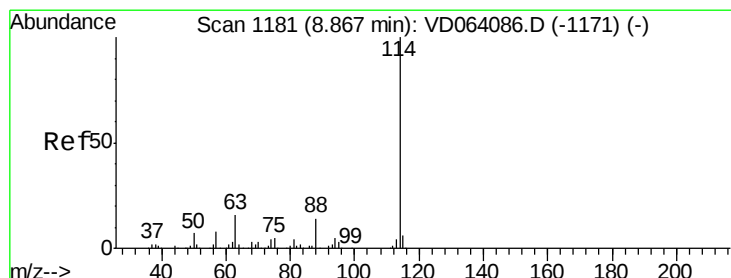
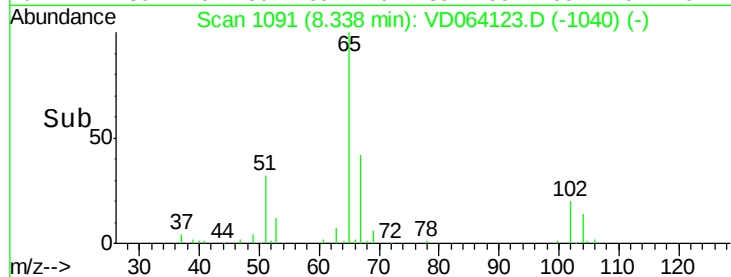
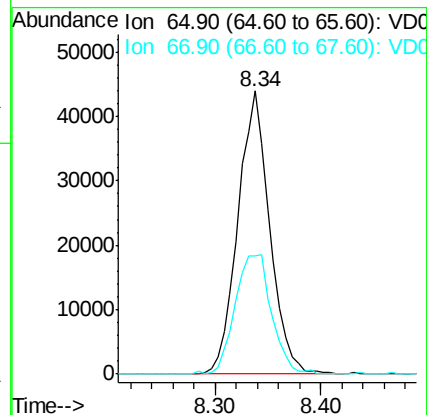
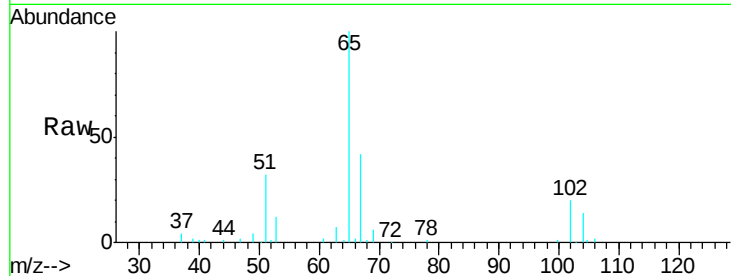
20190949-AMENDED-COMPOSITE-

Tgt Ion: 65 Resp: 91298

Ion Ratio Lower Upper

65 100

67 48.5 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: VD064123.D

Acq: 30 Oct 2019 20:19

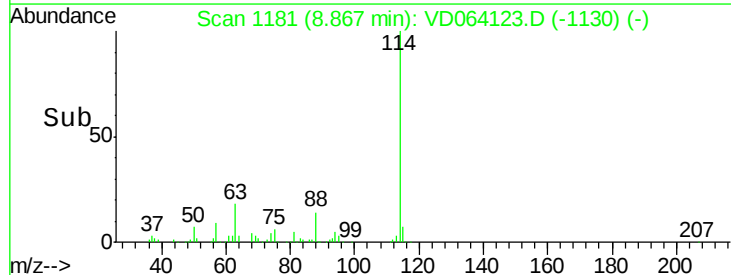
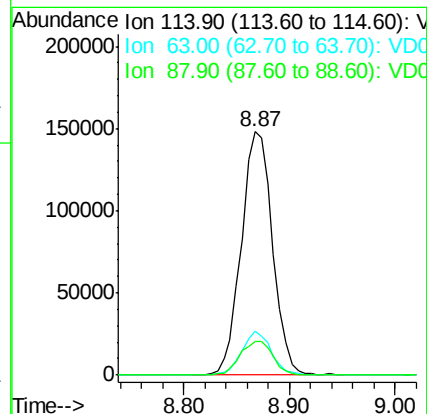
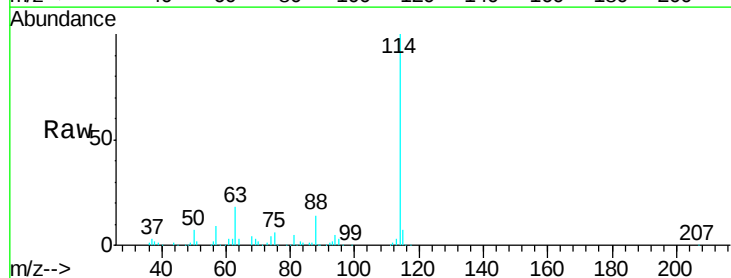
Tgt Ion: 114 Resp: 302969

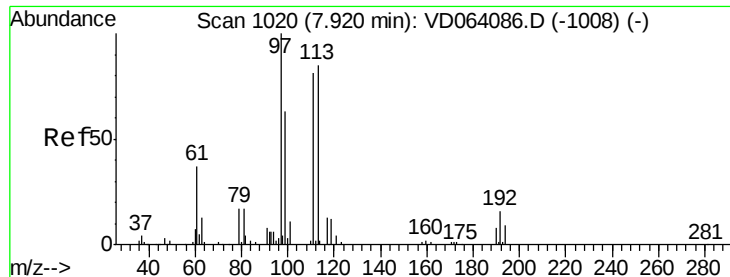
Ion Ratio Lower Upper

114 100

63 18.3 0.0 32.8

88 14.0 0.0 27.6





#35

Dibromofluoromethane

Concen: 26.566 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064123.D

Acq: 30 Oct 2019 20:19

Instrument :

MSVOA_D

ClientSampleId :

20190949-AMENDED-COMPOSITE-

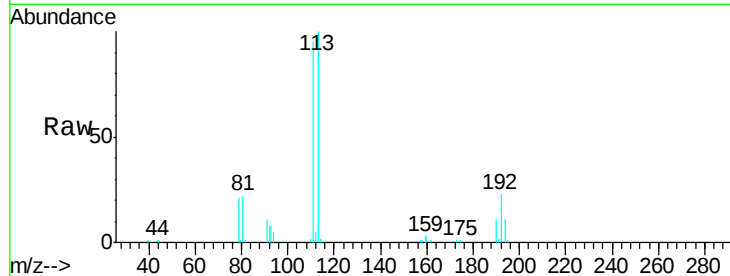
Tgt Ion:113 Resp: 49517

Ion Ratio Lower Upper

113 100

111 105.7 79.3 118.9

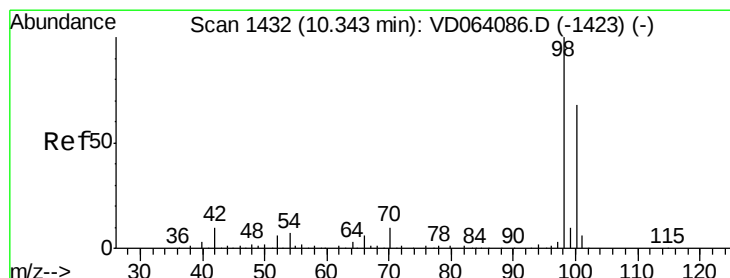
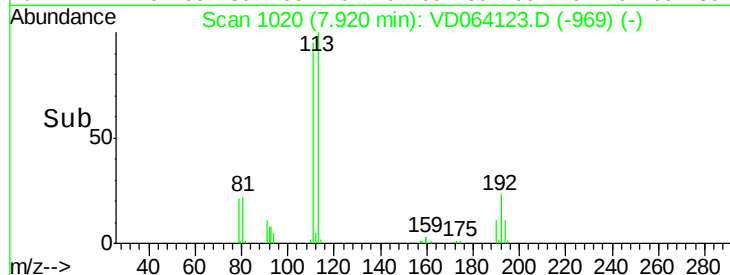
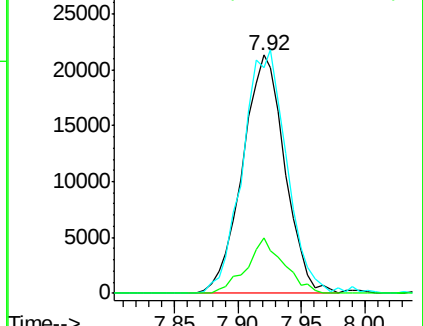
192 20.3 16.2 24.2



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: 49.176 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064123.D

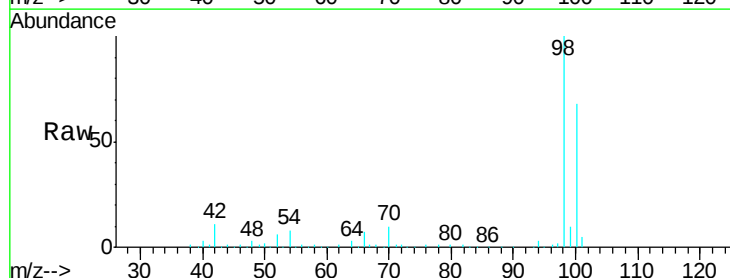
Acq: 30 Oct 2019 20:19

Tgt Ion: 98 Resp: 366570

Ion Ratio Lower Upper

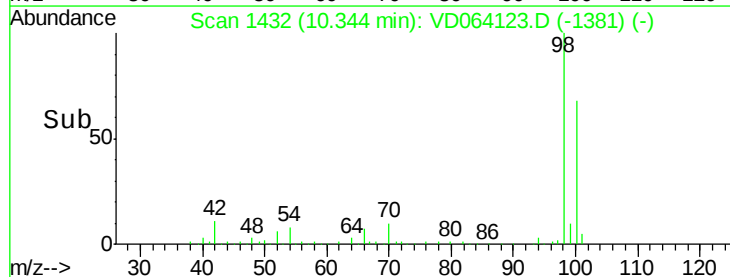
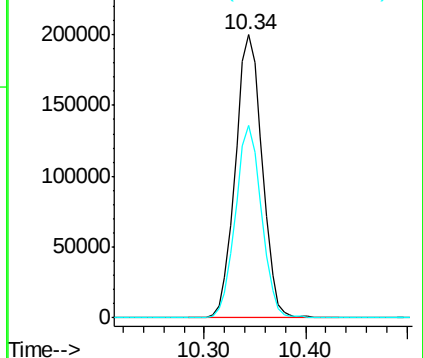
98 100

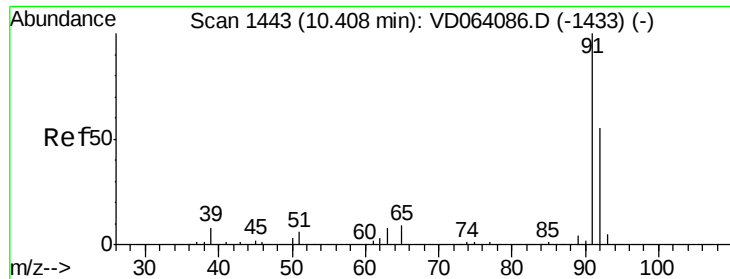
100 66.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 1.001 ug/l

RT: 10.41 min Scan# 1444

Delta R.T. 0.01 min

Lab File: VD064123.D

Acq: 30 Oct 2019 20:19

Instrument :

MSVOA_D

ClientSampleId :

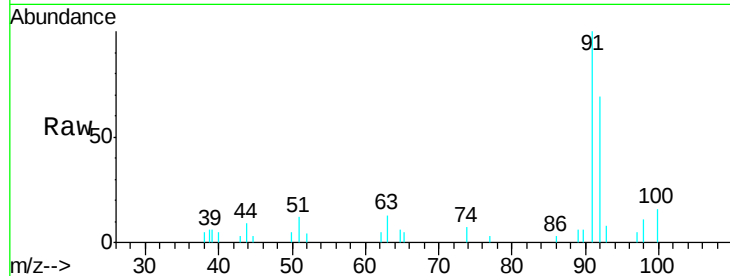
20190949-AMENDED-COMPOSITE-

Tgt Ion: 92 Resp: 5433

Ion Ratio Lower Upper

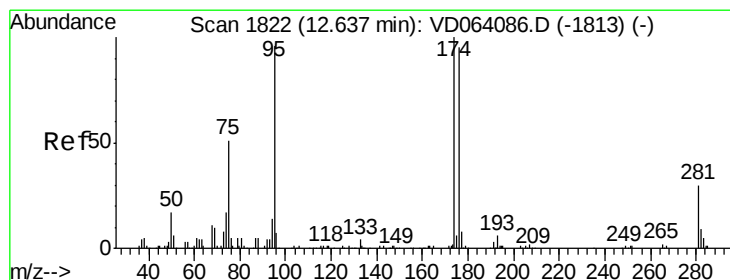
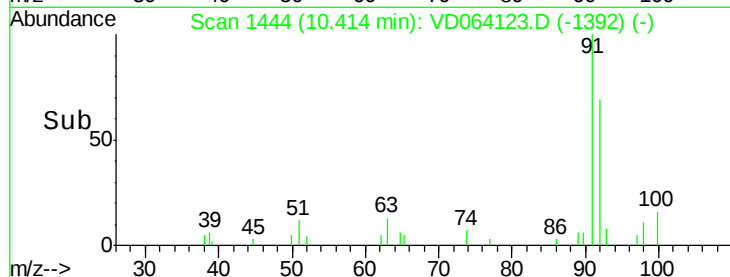
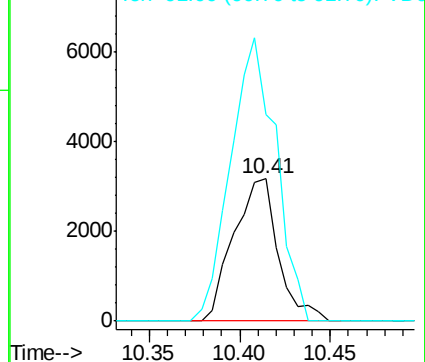
92 100

91 201.7 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 49.811 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064123.D

Acq: 30 Oct 2019 20:19

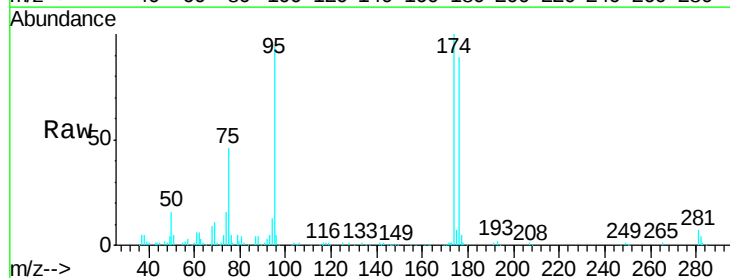
Tgt Ion: 95 Resp: 123099

Ion Ratio Lower Upper

95 100

174 99.0 0.0 201.6

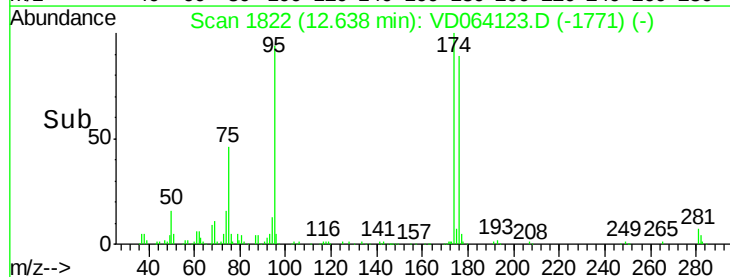
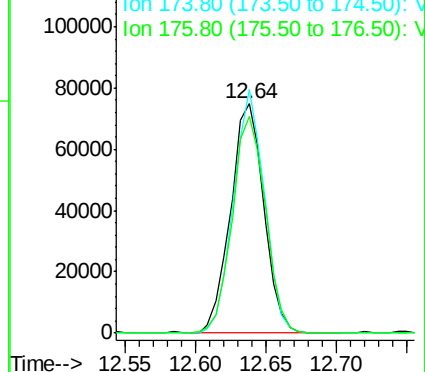
176 94.2 0.0 192.6

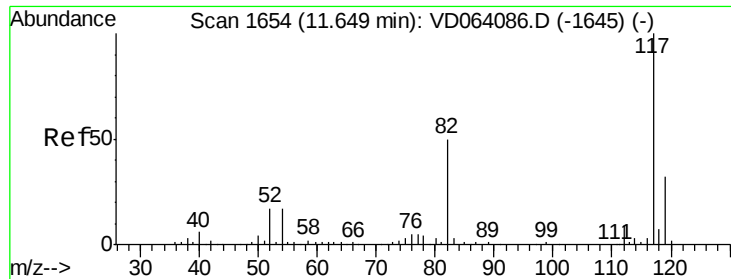


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

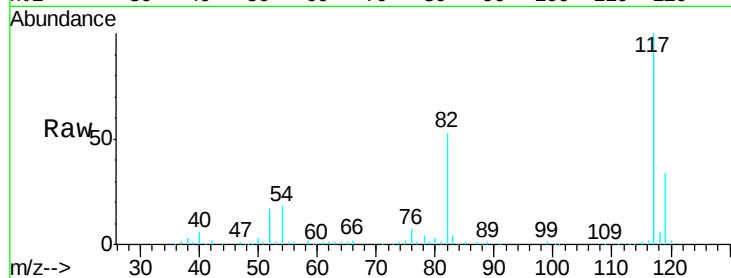




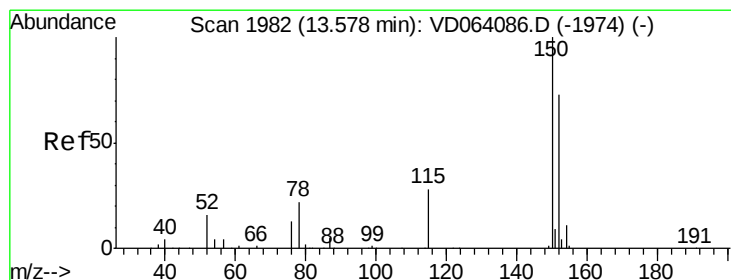
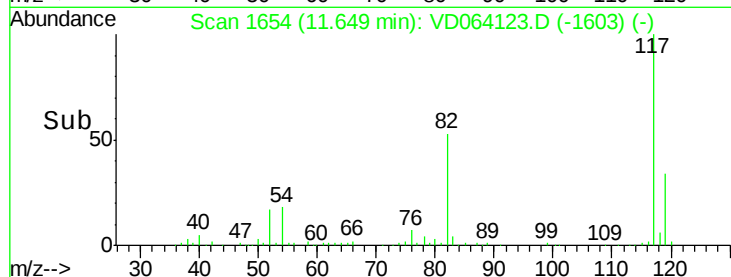
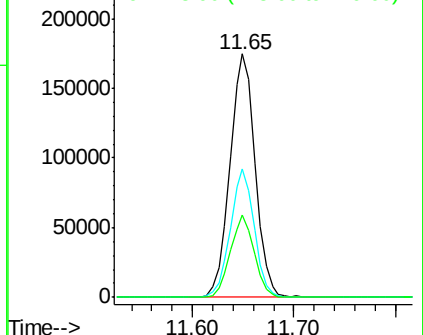
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064123.D
Acq: 30 Oct 2019 20:19

Instrument :
MSVOA_D
ClientSampleId :
20190949-AMENDED-COMPOSITE-

Tgt Ion:117 Resp: 300273
Ion Ratio Lower Upper
117 100
82 52.7 40.2 60.4
119 33.9 26.0 39.0

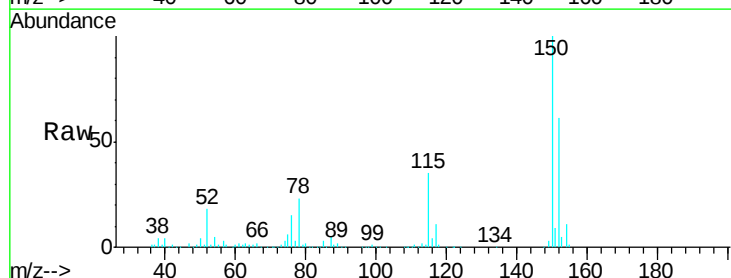


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064123.D
Acq: 30 Oct 2019 20:19

Tgt Ion:152 Resp: 130823
Ion Ratio Lower Upper
152 100
115 55.5 26.2 78.6
150 162.4 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

