

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064597.D
 Acq On : 26 Dec 2019 14:12
 Operator : VA/SY
 Sample : K6436-01
 Misc : 5.32G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K009-SB-1

Quant Time: Dec 27 03:11:01 2019
 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

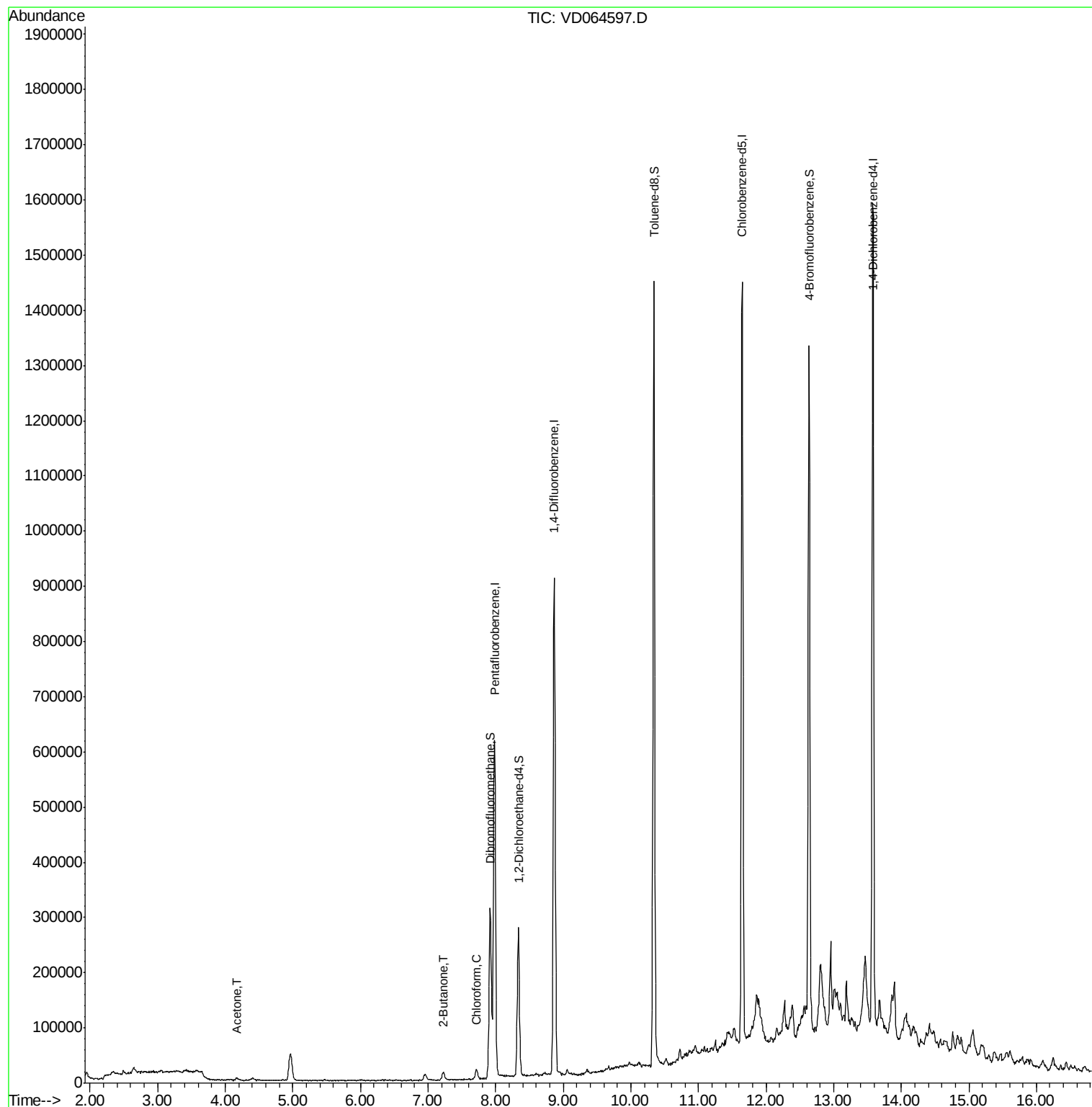
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	487445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	788380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	808996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	406902	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	207059	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
35) Dibromofluoromethane	7.92	113	213029	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	
50) Toluene-d8	10.34	98	961130	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.64	95	364275	62.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.38%	
Target Compounds						
16) Acetone	4.17	43	6452	10.466	ug/l #	72
25) 2-Butanone	7.23	43	22205	18.794	ug/l	97
30) Chloroform	7.71	83	17041	2.029	ug/l	97

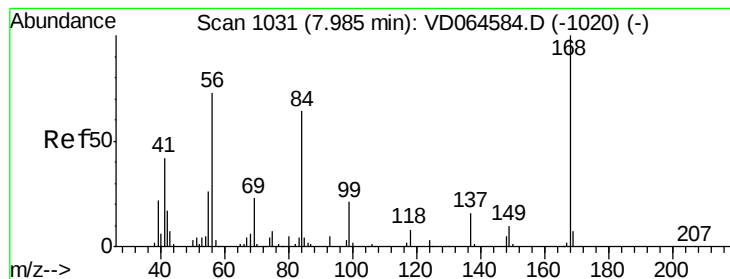
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064597.D
Acq On : 26 Dec 2019 14:12
Operator : VA/SY
Sample : K6436-01
Misc : 5.32G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
K009-SB-1

Quant Time: Dec 27 03:11:01 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
Quant Title : SW846 8260
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# 1031

Delta R.T. 0.00 min

Lab File: VD064597.D

Acq: 26 Dec 2019 14:12

Instrument :

MSVOA_D

ClientSampleId :

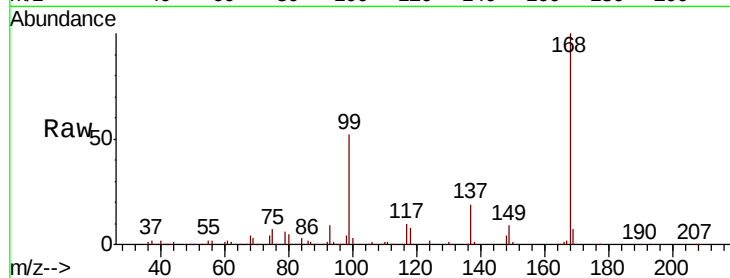
K009-SB-1

Tot Ion:168 Resp: 487445

Ion Ratio Lower Upper

168 100

99 51.9 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

150000

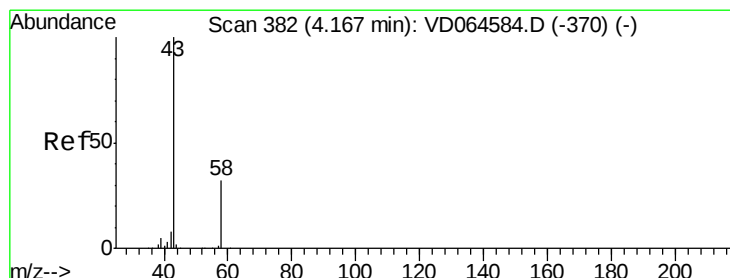
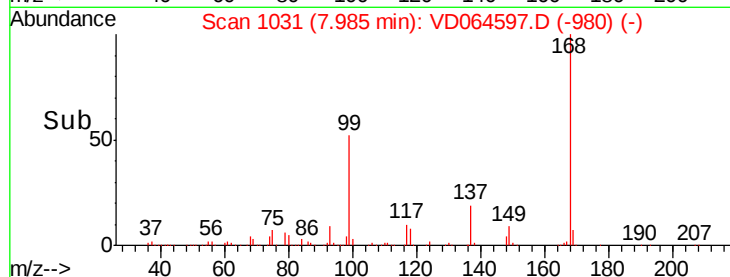
100000

50000

0

Time-->

7.90 8.00 8.10



#16

Acetone

Concen: 10.466 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD064597.D

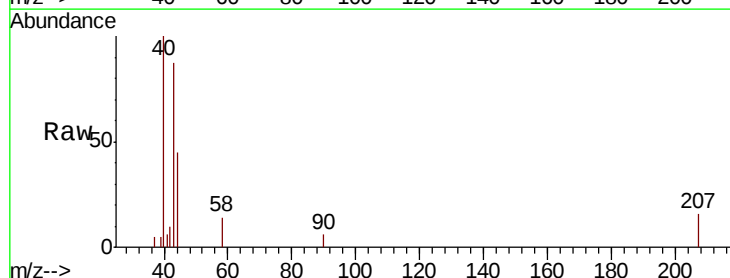
Acq: 26 Dec 2019 14:12

Tgt Ion: 43 Resp: 6452

Ion Ratio Lower Upper

43 100

58 16.6 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

3000

2500

2000

1500

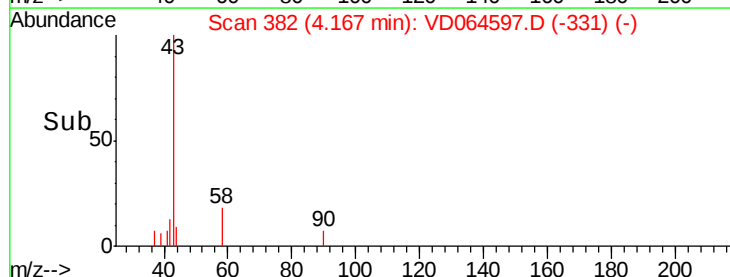
1000

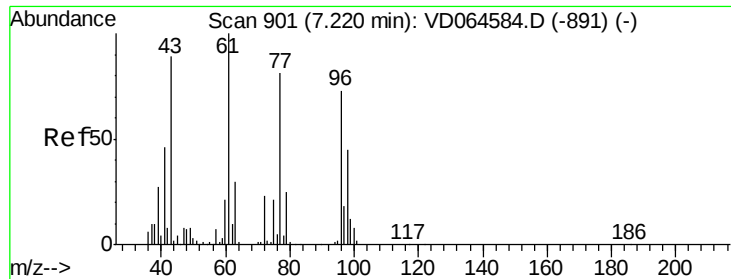
500

0

Time-->

4.10 4.15 4.20 4.25

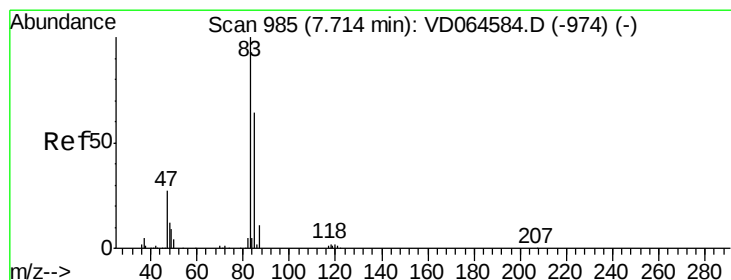
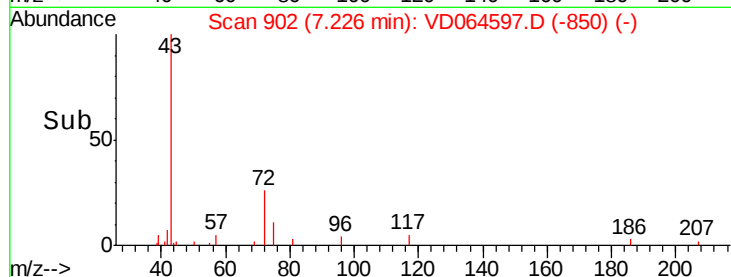
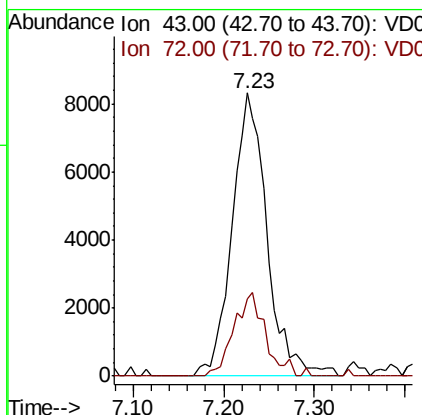
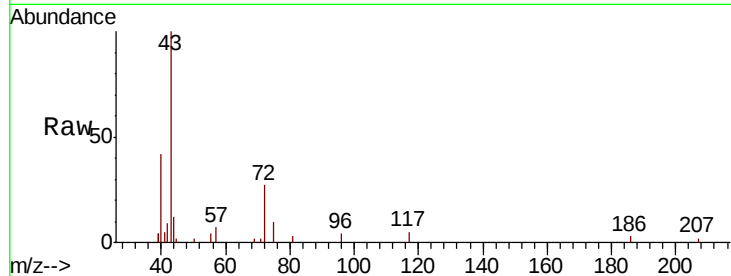




#25
2-Butanone
Concen: 18.794 ug/l
RT: 7.23 min Scan# 902
Delta R.T. 0.01 min
Lab File: VD064597.D
Acq: 26 Dec 2019 14:12

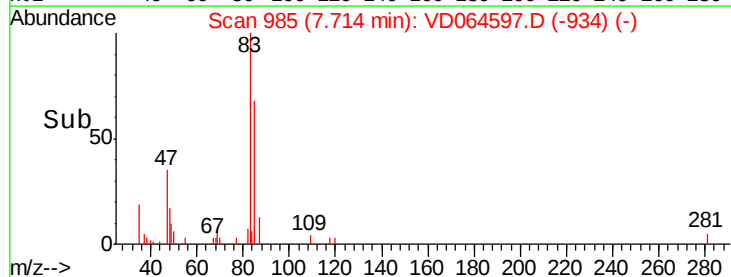
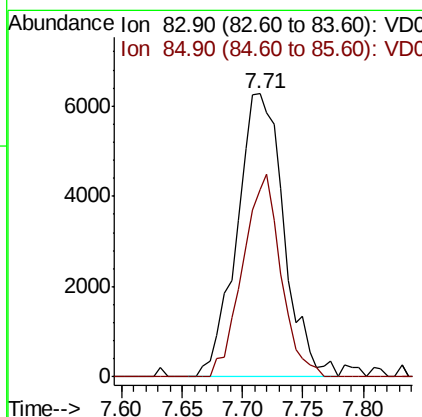
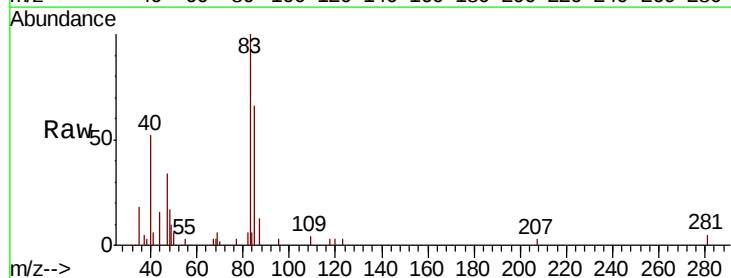
Instrument :
MSVOA_D
ClientSampleId :
K009-SB-1

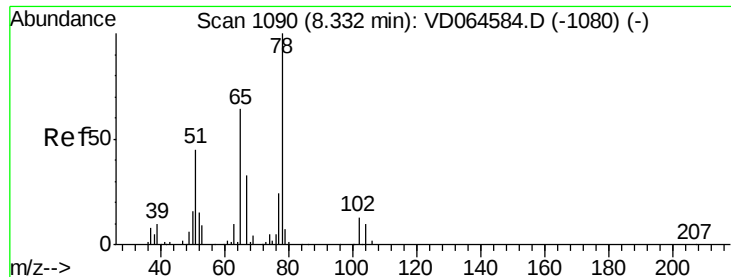
Tot Ion: 43 Resp: 22205
Ion Ratio Lower Upper
43 100
72 27.3 20.7 31.1



#30
Chloroform
Concen: 2.029 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD064597.D
Acq: 26 Dec 2019 14:12

Tgt Ion: 83 Resp: 17041
Ion Ratio Lower Upper
83 100
85 66.0 51.1 76.7





#33

1,2-Dichloroethane-d4

Concen: 48.173 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064597.D

Acq: 26 Dec 2019 14:12

Instrument :

MSVOA_D

ClientSampled :

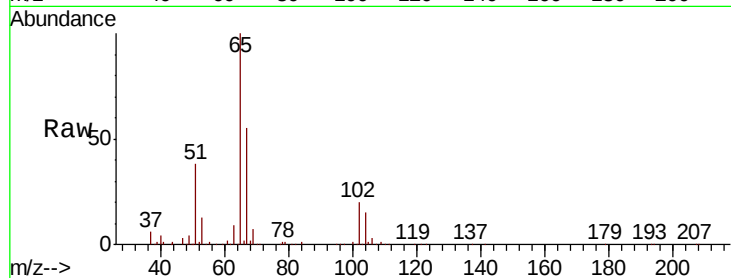
K009-SB-1

Tot Ion: 65 Resp: 207059

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

100000

80000

60000

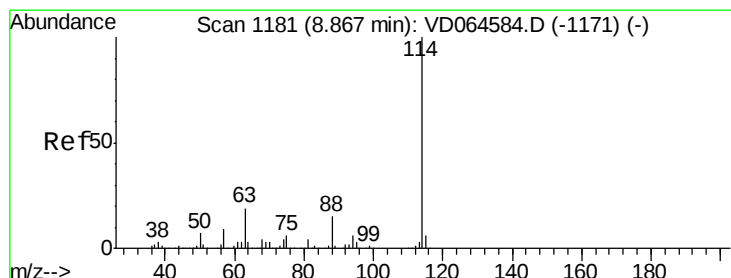
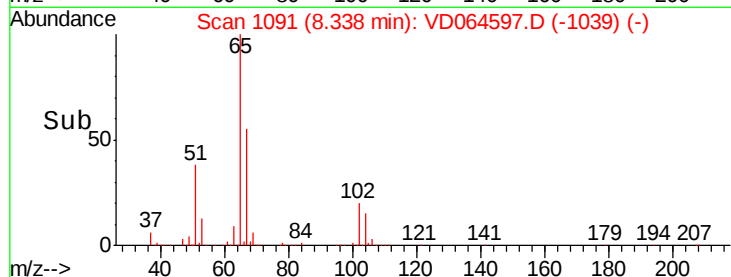
40000

20000

0

8.30 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064597.D

Acq: 26 Dec 2019 14:12

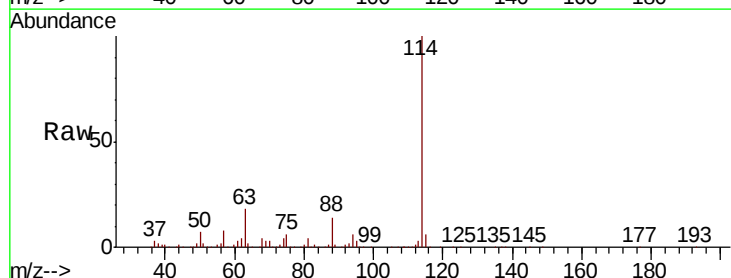
Tgt Ion: 114 Resp: 788380

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.0

88 14.4 0.0 29.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

500000

400000

300000

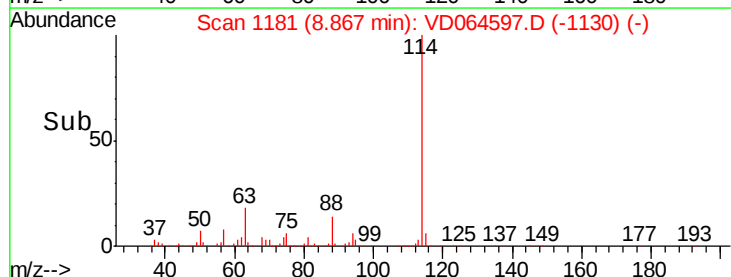
200000

100000

0

8.80 8.90 9.00

Time-->

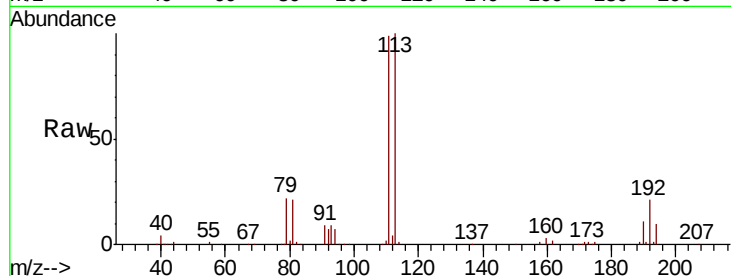




#35
Dibromofluoromethane
Concen: 44.043 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064597.D
Acq: 26 Dec 2019 14:12

Instrument :
MSVOA_D
ClientSampleId :
K009-SB-1

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.6	121.0
192	22.8	17.9	26.9

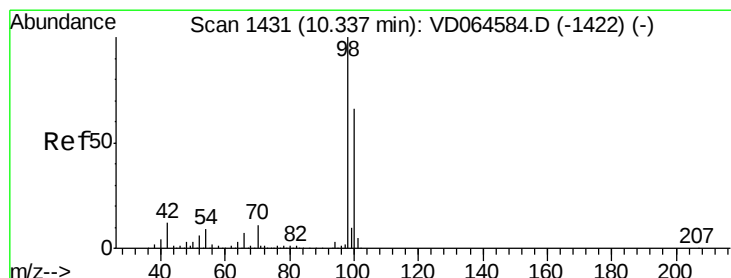
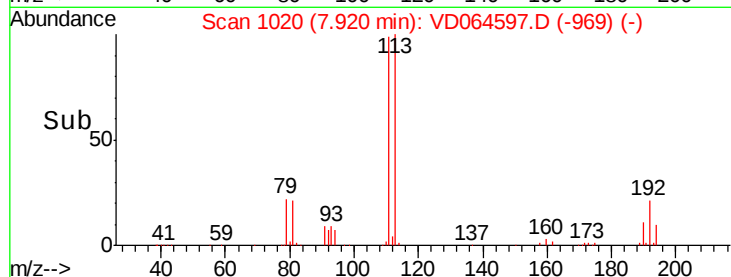
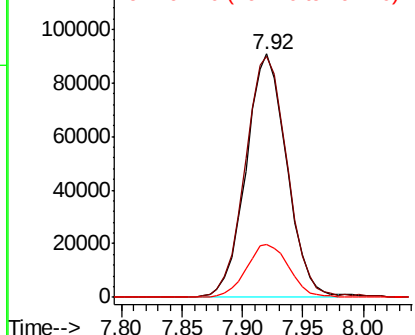


Abundance

Ion 112.80 (112.50 to 113.50): V

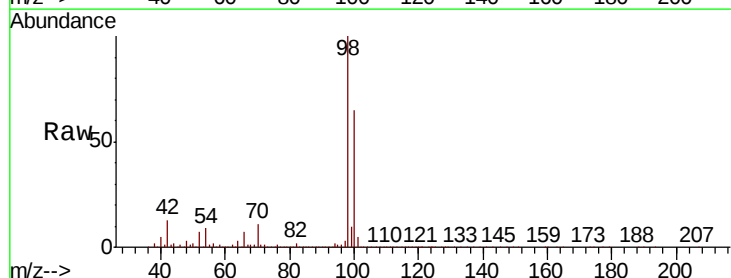
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
Toluene-d8
Concen: 51.884 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064597.D
Acq: 26 Dec 2019 14:12

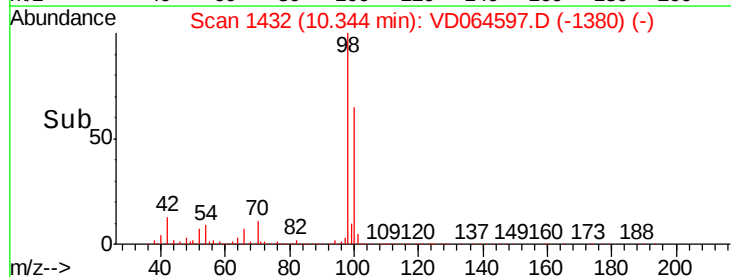
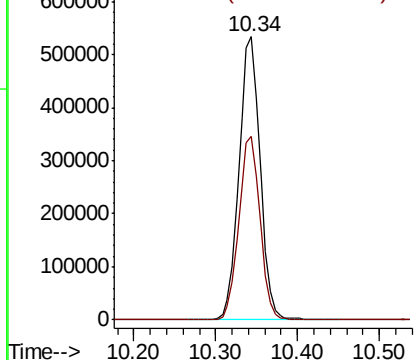
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.7	77.5

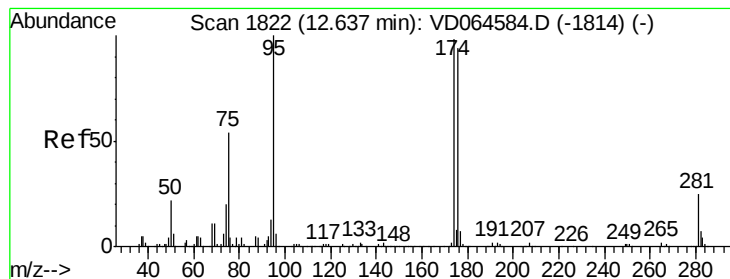


Abundance

Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 62.188 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064597.D

Acq: 26 Dec 2019 14:12

Instrument :

MSVOA_D

ClientSampleId :

K009-SB-1

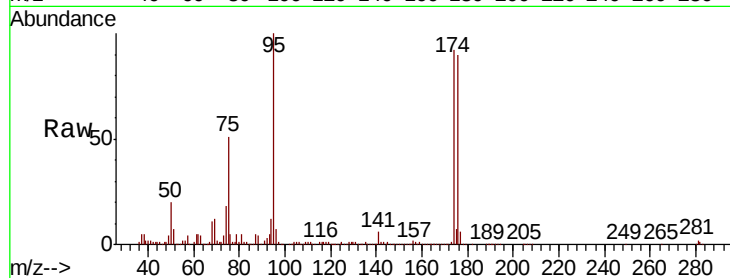
Tot Ion: 95 Resp: 364275

Ion Ratio Lower Upper

95 100

174 96.5 0.0 193.2

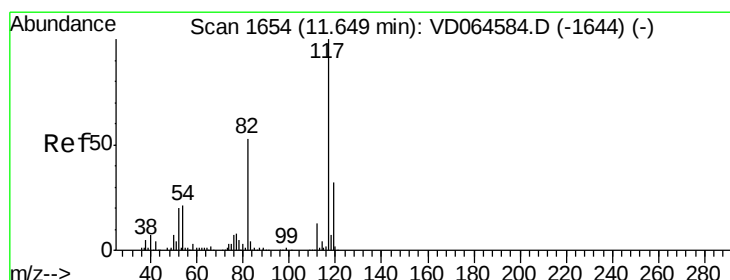
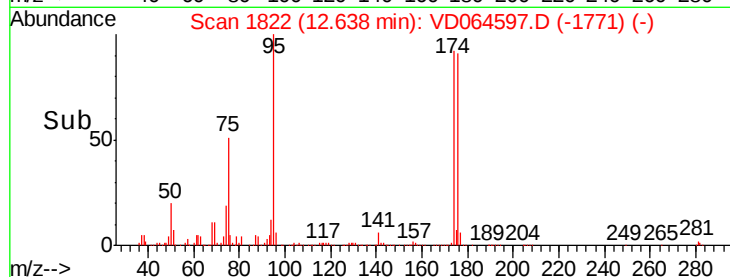
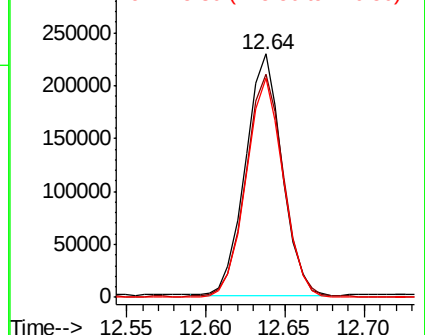
176 92.4 0.0 184.2



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: VD064597.D

Acq: 26 Dec 2019 14:12

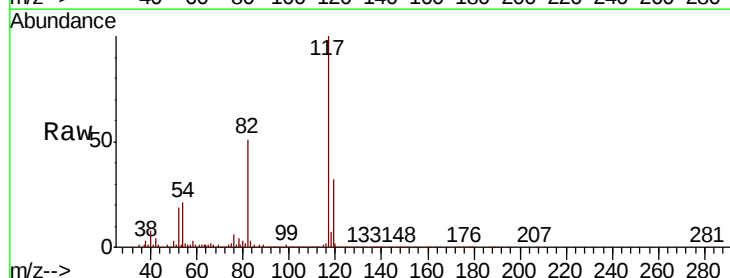
Tgt Ion: 117 Resp: 808996

Ion Ratio Lower Upper

117 100

82 51.0 42.2 63.4

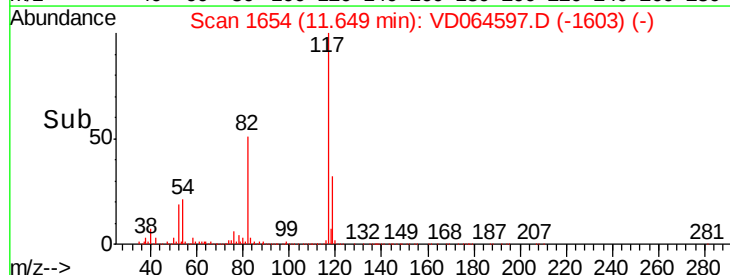
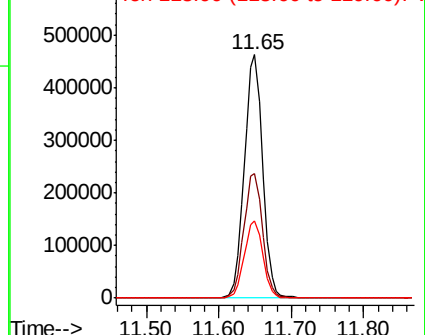
119 31.7 26.0 39.0

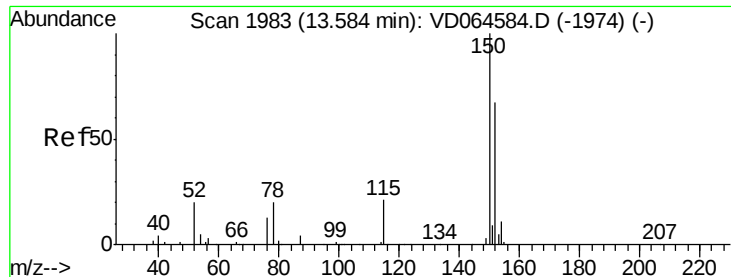


Abundance Ion 116.90 (116.60 to 117.60): VDC

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: VD064597.D

Acq: 26 Dec 2019 14:12

Instrument :

MSVOA_D

ClientSampleId :

K009-SB-1

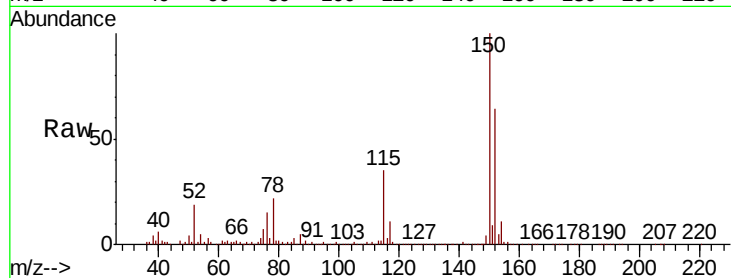
Tot Ion:152 Resp: 406902

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.4

150 157.0 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

