

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064598.D
 Acq On : 26 Dec 2019 14:40
 Operator : VA/SY
 Sample : K6436-02
 Misc : 6.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K009-SB-2

Quant Time: Dec 27 03:19:24 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

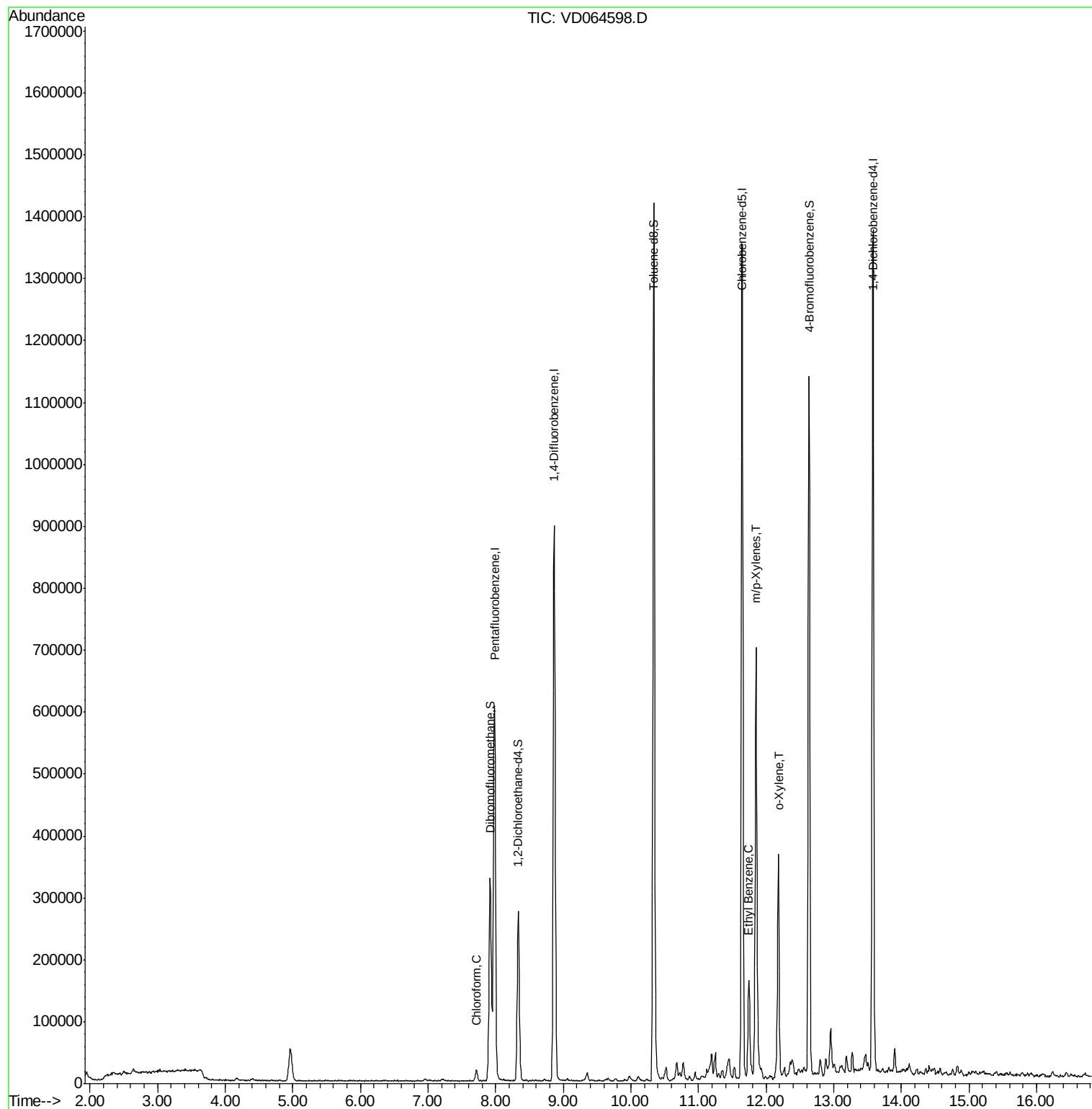
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	488911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	783532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	788358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	378247	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	213183	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	7.92	113	224983	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	10.34	98	950777	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.64	95	349927	60.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.22%	
Target Compounds						
30) Chloroform	7.71	83	14944	1.774	ug/l	97
67) Ethyl Benzene	11.74	91	113767	3.831	ug/l	98
68) m/p-Xylenes	11.86	106	214709	18.731	ug/l	99
69) o-Xylene	12.18	106	97924	9.458	ug/l	97

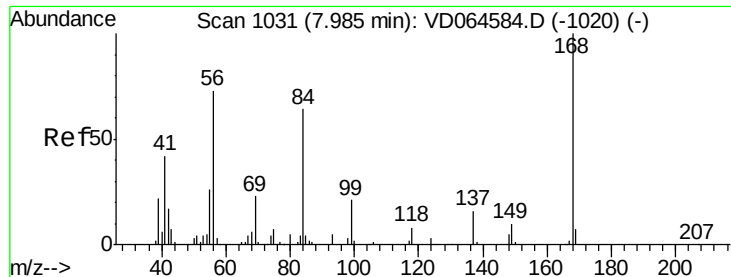
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
Data File : VD064598.D
Acq On : 26 Dec 2019 14:40
Operator : VA/SY
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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: VD064598.D

Acq: 26 Dec 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

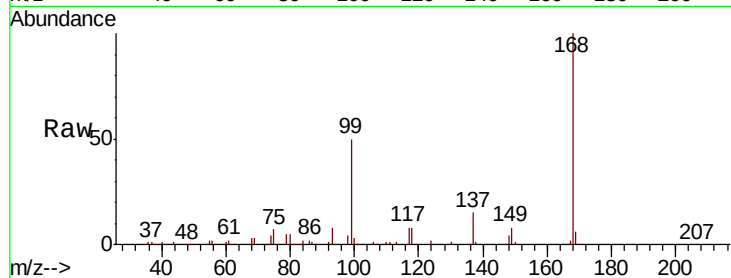
K009-SB-2

Tot Ion:168 Resp: 488911

Ion Ratio Lower Upper

168 100

99 50.4 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

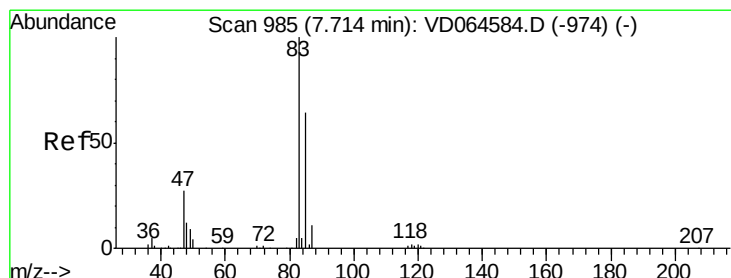
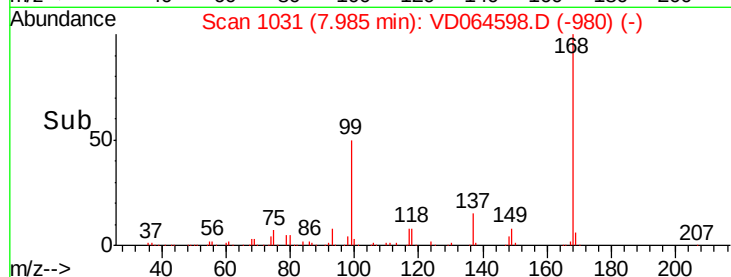
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 1.774 ug/l

RT: 7.71 min Scan# 985

Delta R.T. 0.00 min

Lab File: VD064598.D

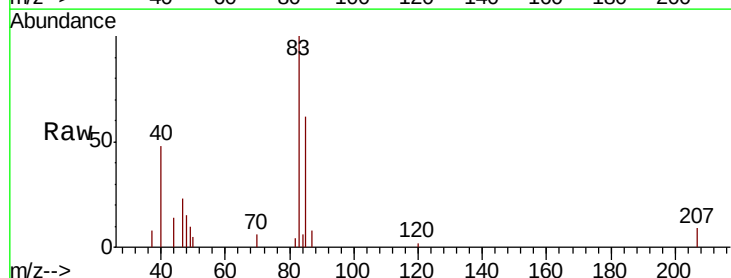
Acq: 26 Dec 2019 14:40

Tgt Ion: 83 Resp: 14944

Ion Ratio Lower Upper

83 100

85 61.6 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

8000

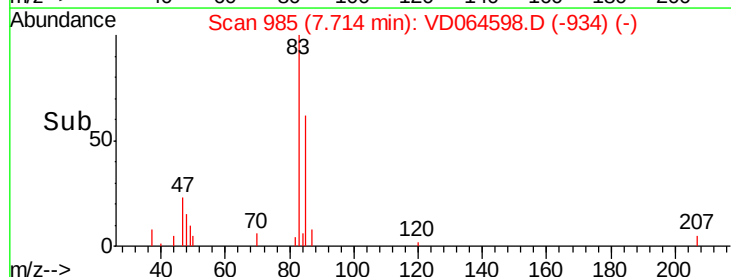
6000

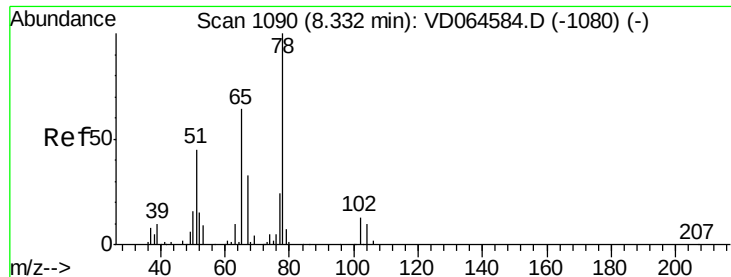
4000

2000

0

Time-->

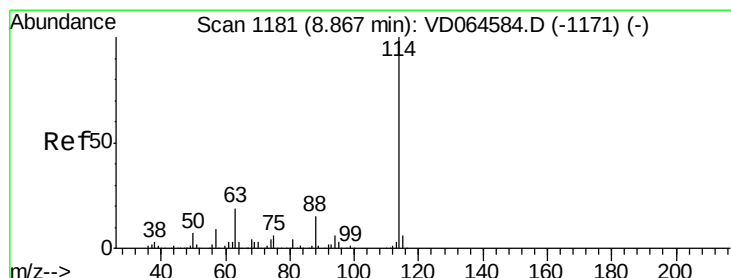
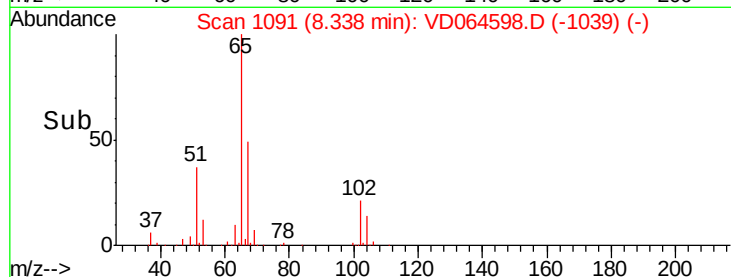
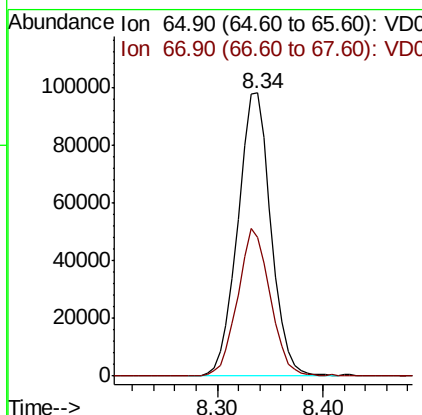
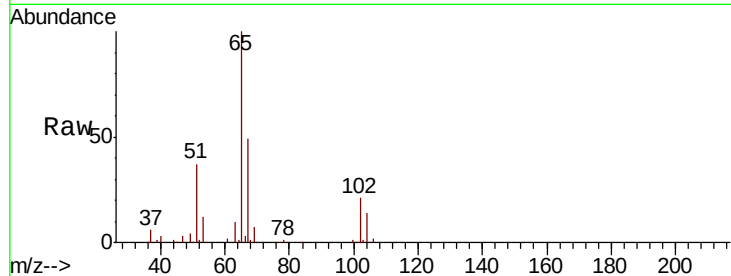




#33
 1,2-Dichloroethane-d4
 Concen: 49.449 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD064598.D
 Acq: 26 Dec 2019 14:40

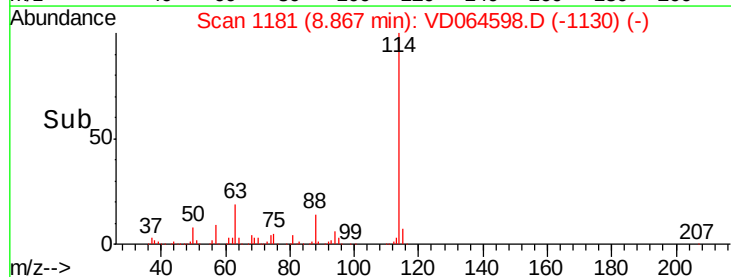
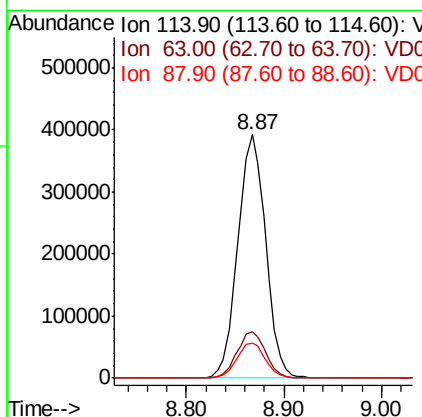
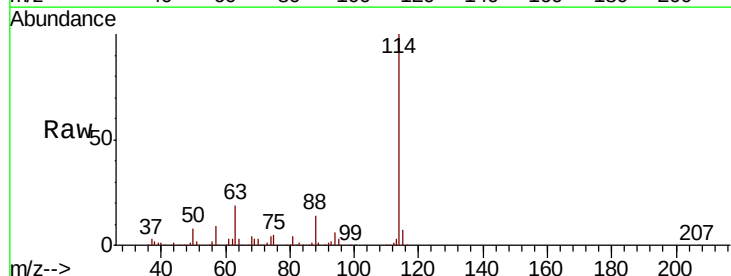
Instrument :
 MSVOA_D
 ClientSampled :
 K009-SB-2

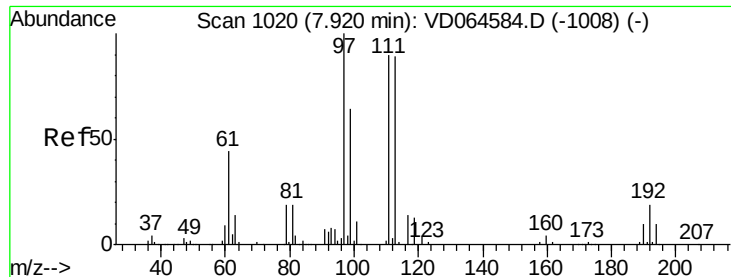
Tot Ion: 65 Resp: 213183
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064598.D
 Acq: 26 Dec 2019 14:40

Tgt Ion: 114 Resp: 783532
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.0
 88 14.2 0.0 29.2





#35

Dibromofluoromethane

Concen: 46.802 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064598.D

Acq: 26 Dec 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

K009-SB-2

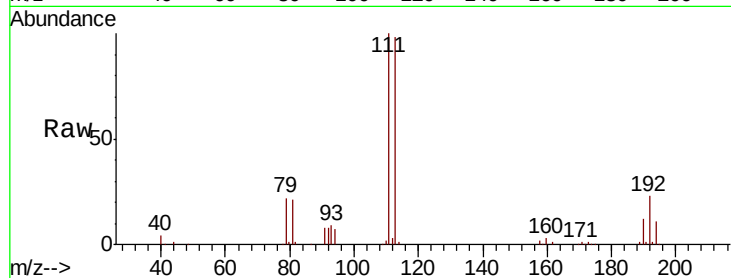
Tot Ion:113 Resp: 224983

Ion Ratio Lower Upper

113 100

111 104.4 80.6 121.0

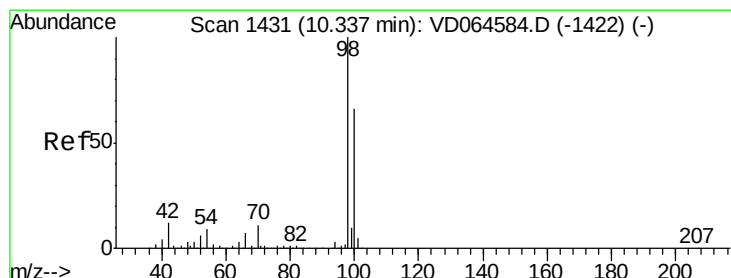
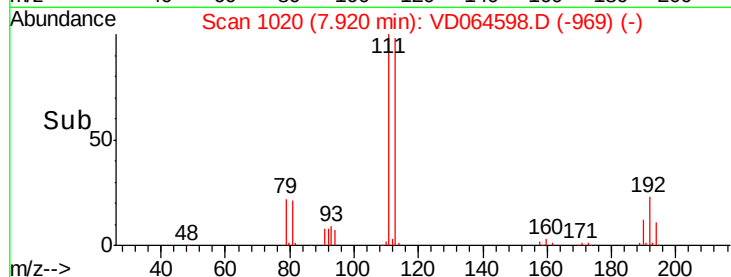
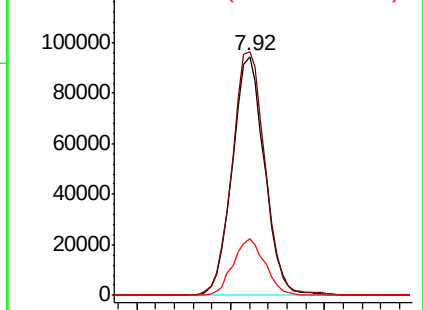
192 23.4 17.9 26.9



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: 51.643 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD064598.D

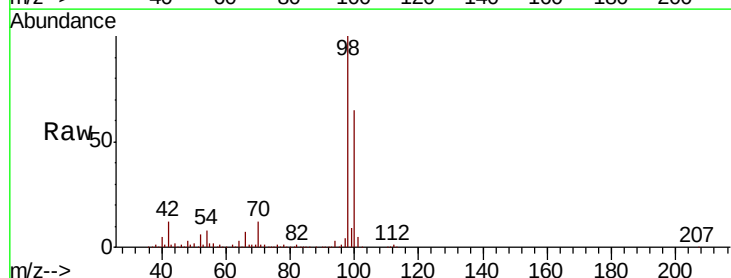
Acq: 26 Dec 2019 14:40

Tgt Ion: 98 Resp: 950777

Ion Ratio Lower Upper

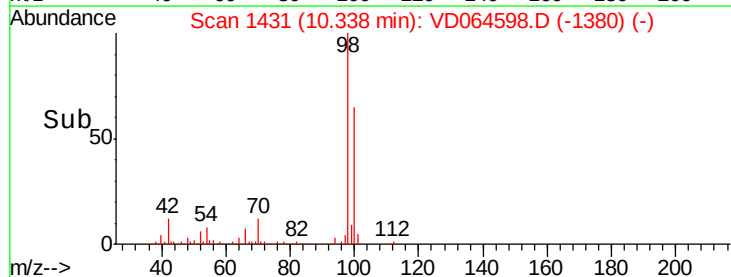
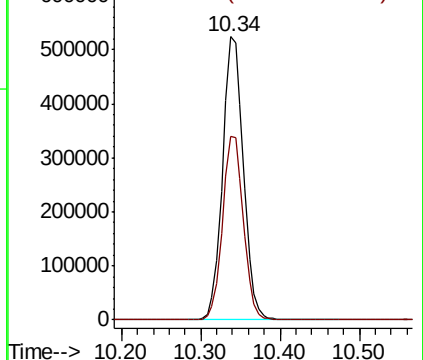
98 100

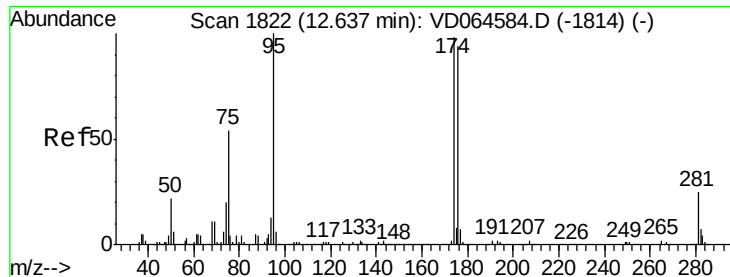
100 64.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 60.108 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064598.D

Acq: 26 Dec 2019 14:40

Instrument :

MSVOA_D

ClientSampled :

K009-SB-2

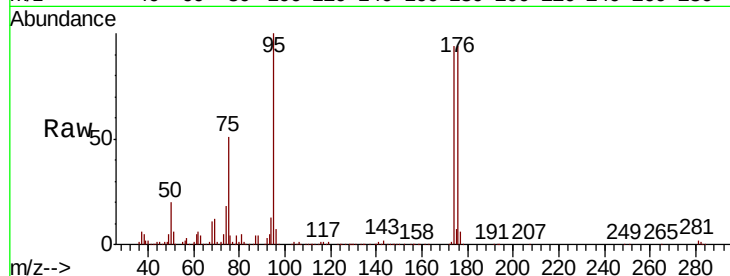
Tot Ion: 95 Resp: 349927

Ion Ratio Lower Upper

95 100

174 94.4 0.0 193.2

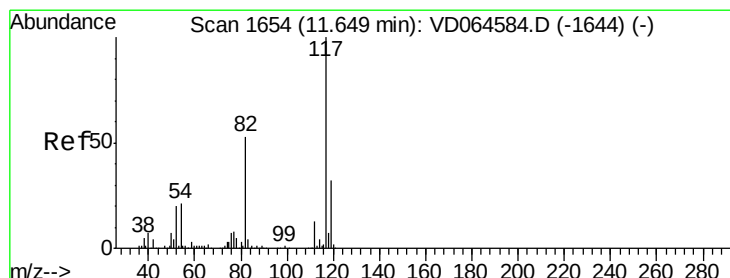
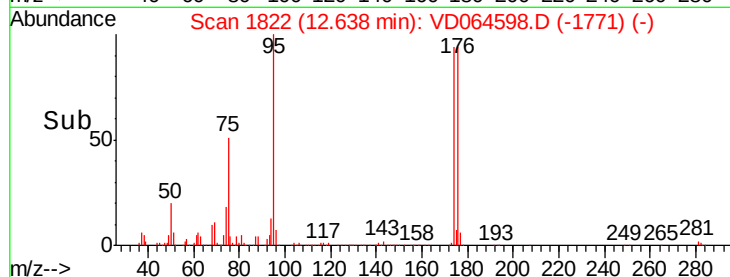
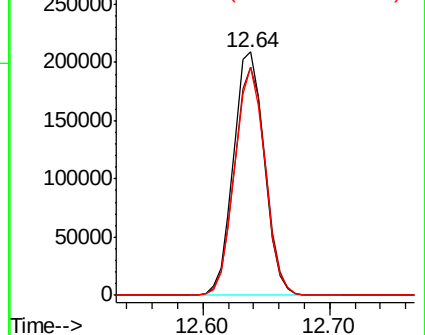
176 92.3 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

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: 11.64 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VD064598.D

Acq: 26 Dec 2019 14:40

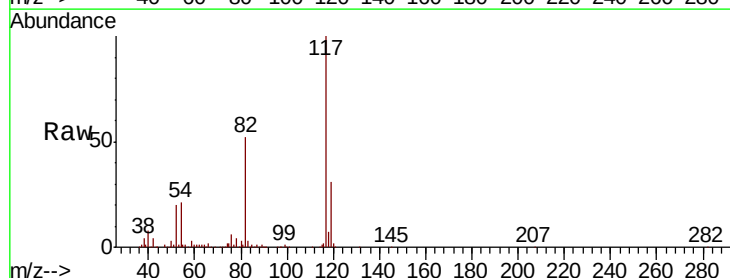
Tgt Ion: 117 Resp: 788358

Ion Ratio Lower Upper

117 100

82 52.3 42.2 63.4

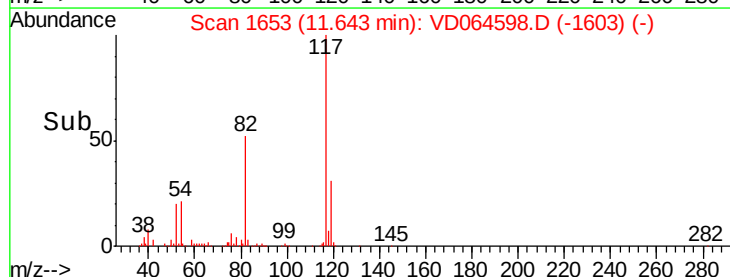
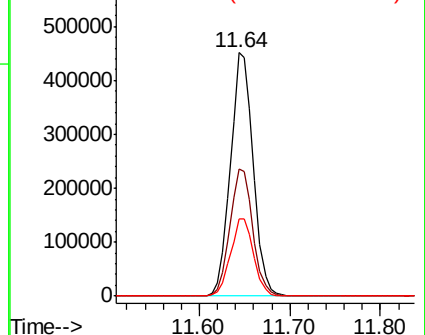
119 31.5 26.0 39.0

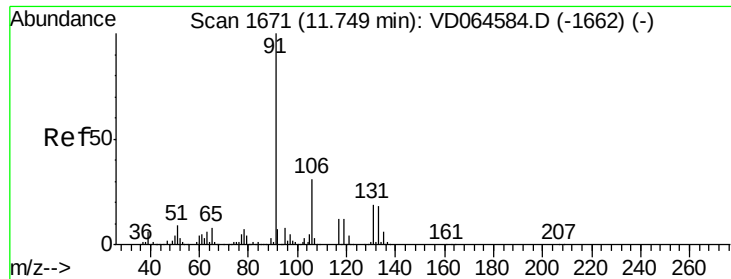


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 3.831 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VD064598.D

Acq: 26 Dec 2019 14:40

Instrument :

MSVOA_D

ClientSampleId :

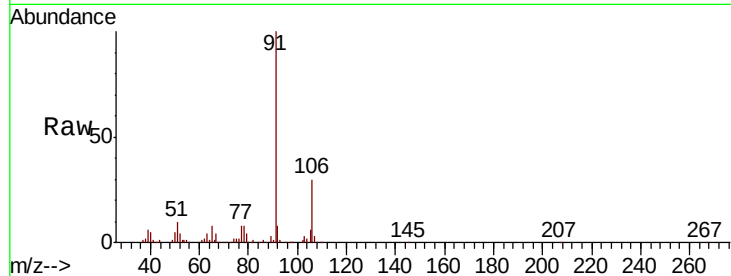
K009-SB-2

Tot Ion: 91 Resp: 113767

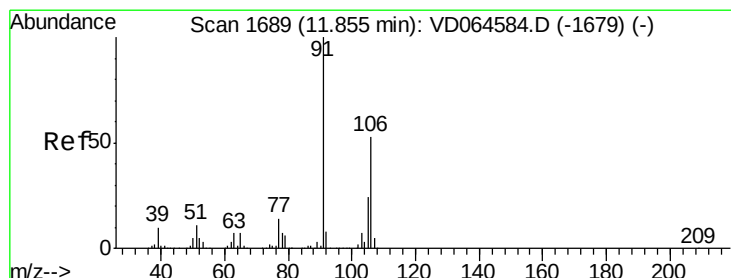
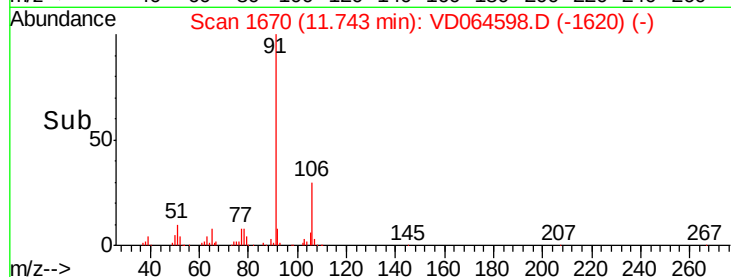
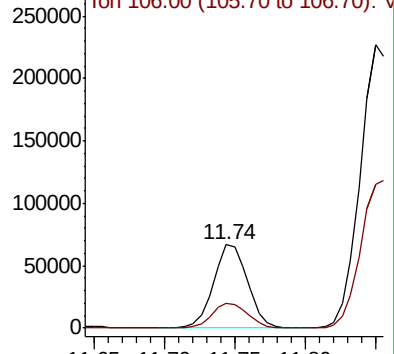
Ion Ratio Lower Upper

91 100

106 29.6 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): V



#68

m/p-Xylenes

Concen: 18.731 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VD064598.D

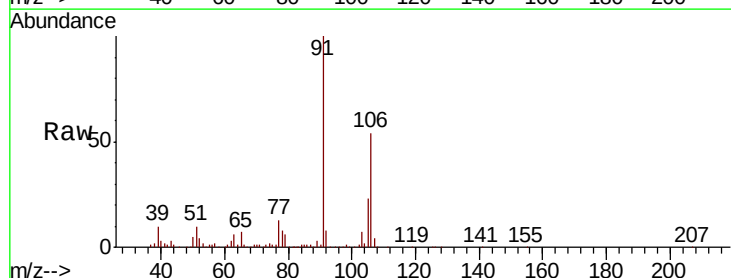
Acq: 26 Dec 2019 14:40

Tgt Ion: 106 Resp: 214709

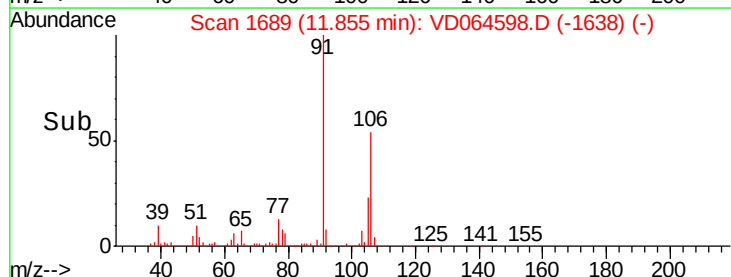
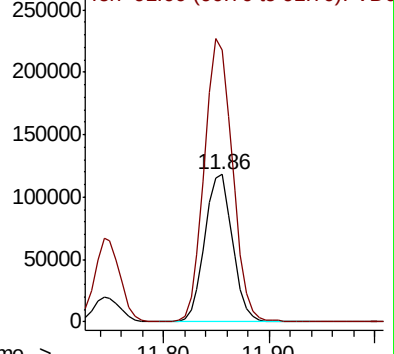
Ion Ratio Lower Upper

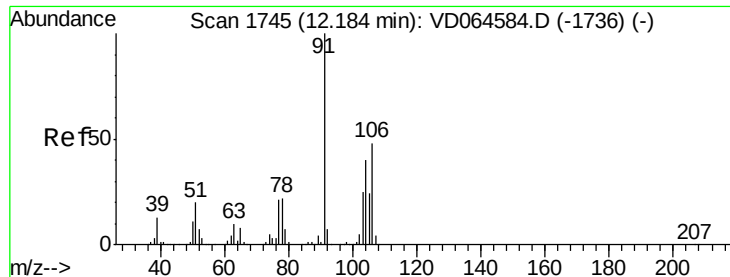
106 100

91 194.6 156.3 234.5



Abundance Ion 106.00 (105.70 to 106.70): V

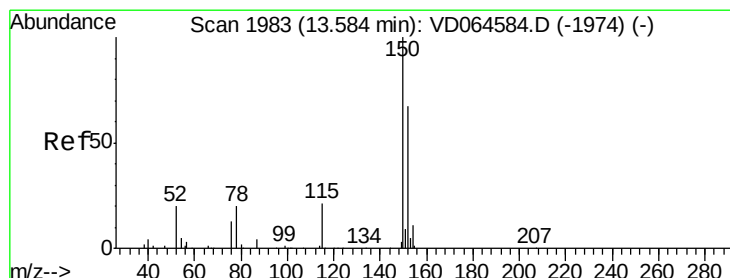
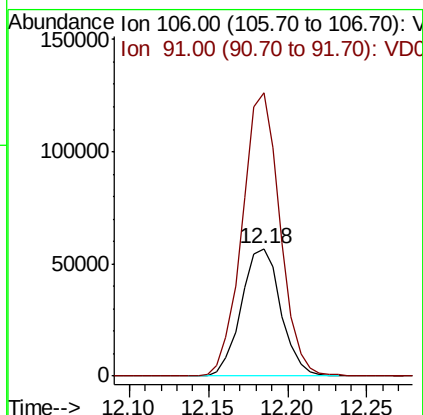
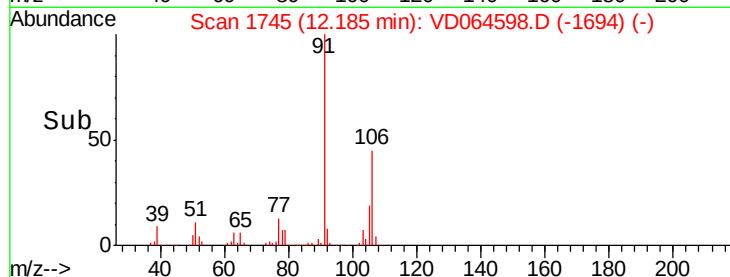
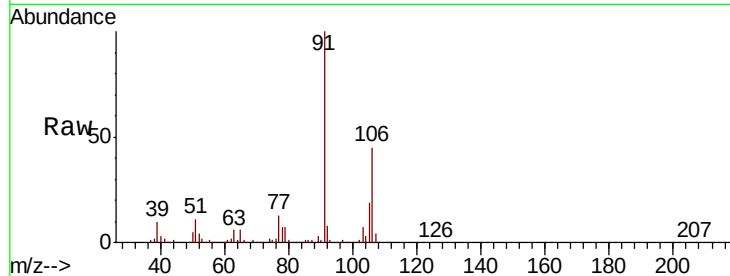




#69
o-Xylene
Concen: 9.458 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064598.D
Acq: 26 Dec 2019 14:40

Instrument :
MSVOA_D
ClientSampled :
K009-SB-2

Tot Ion:106 Resp: 97924
Ion Ratio Lower Upper
106 100
91 214.6 104.8 314.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064598.D
Acq: 26 Dec 2019 14:40

Tgt Ion:152 Resp: 378247
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 154.2 0.0 351.4

