

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012204.D
 Acq On : 08 Sep 2019 06:15
 Operator : SY/SP
 Sample : K4650-07
 Misc : 5.75g/5.0mL/MSVOA X/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4

Quant Time: Sep 08 08:45:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

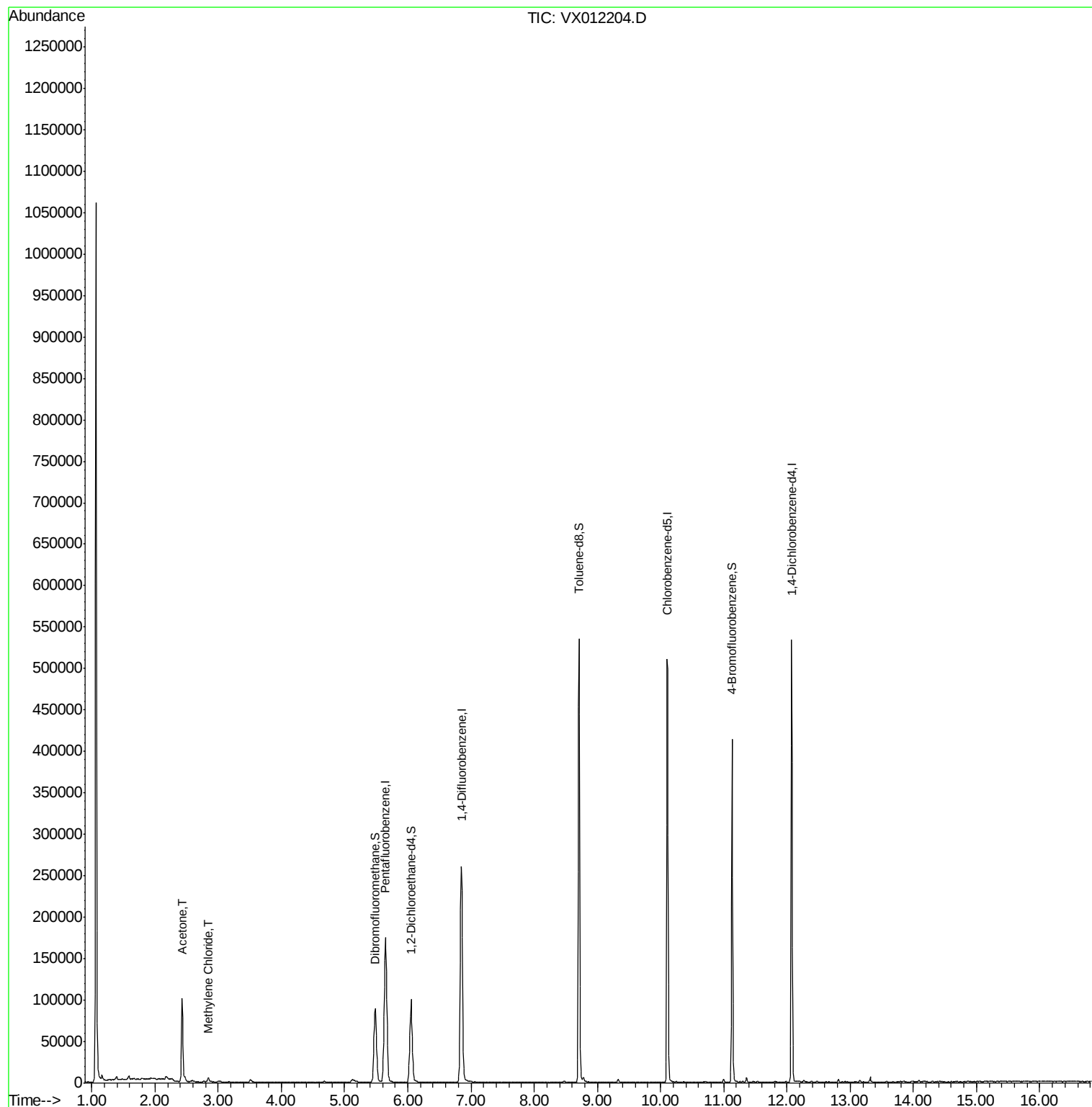
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	146364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	250875	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	99875	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
35) Dibromofluoromethane	5.48	113	74554	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
50) Toluene-d8	8.71	98	296920	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	11.14	95	117259	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
Target Compounds						
16) Acetone	2.43	43	108094	223.931	ug/l	99
20) Methylene Chloride	2.84	84	2208	1.139	ug/l	93

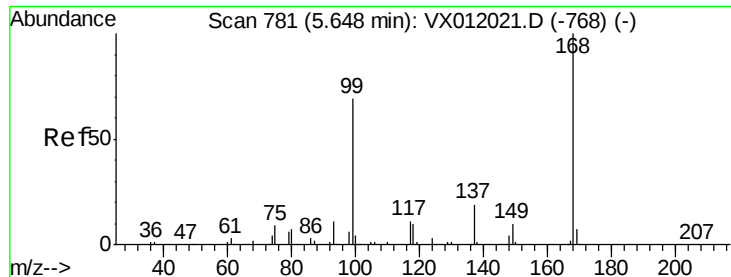
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012204.D

Acq: 08 Sep 2019 06:15

Instrument :

MSVOA_X

ClientSampleId :

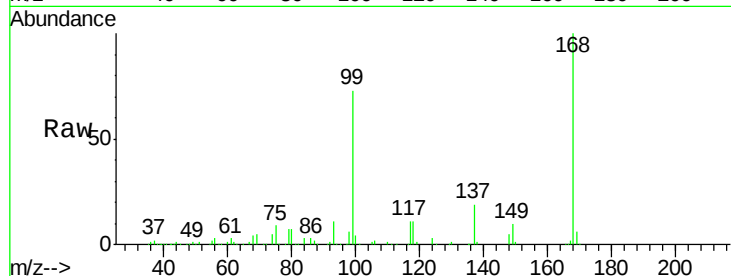
TP-4

Tot Ion:168 Resp: 146364

Ion Ratio Lower Upper

168 100

99 73.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

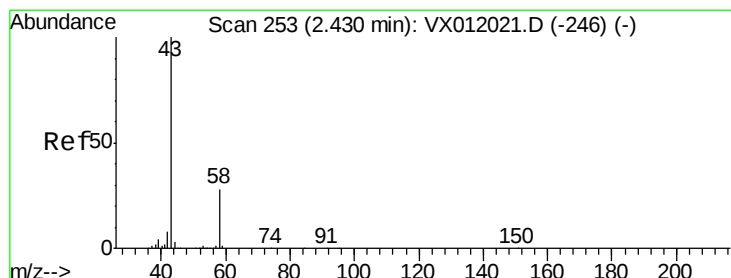
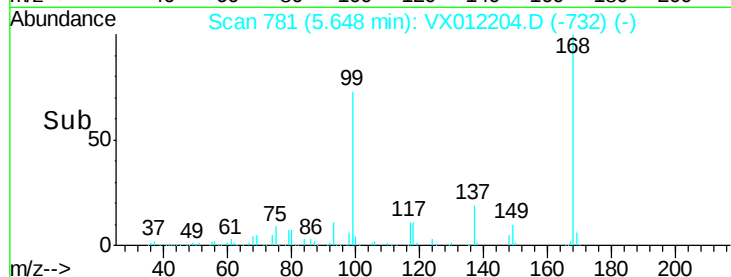
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 223.931 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012204.D

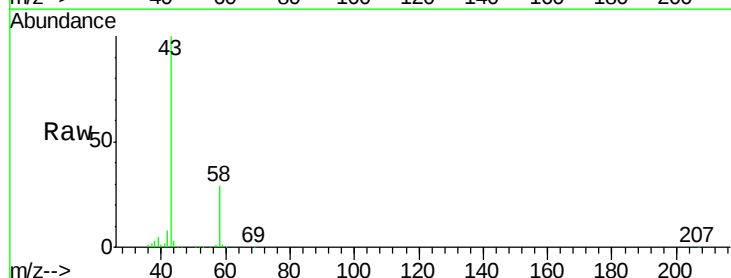
Acq: 08 Sep 2019 06:15

Tgt Ion: 43 Resp: 108094

Ion Ratio Lower Upper

43 100

58 29.1 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

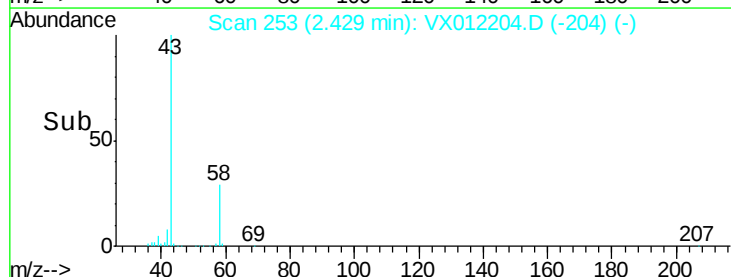
60000

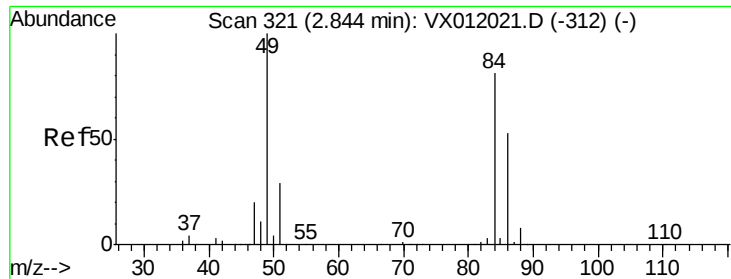
40000

20000

0

Time--> 2.30 2.40 2.50

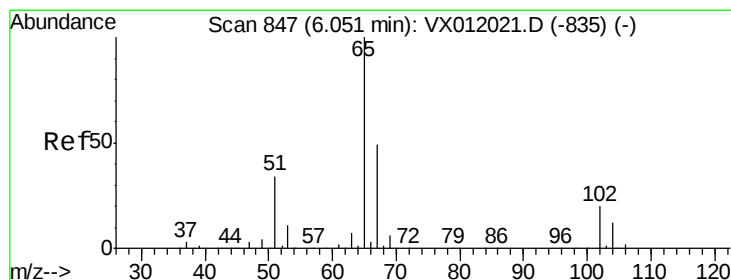
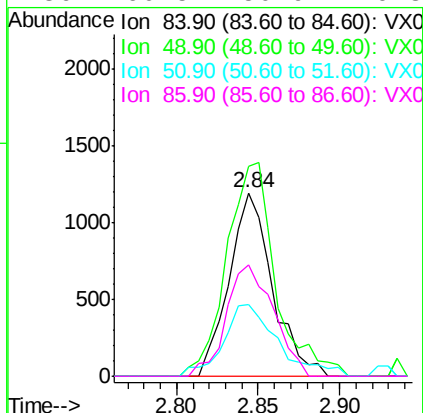
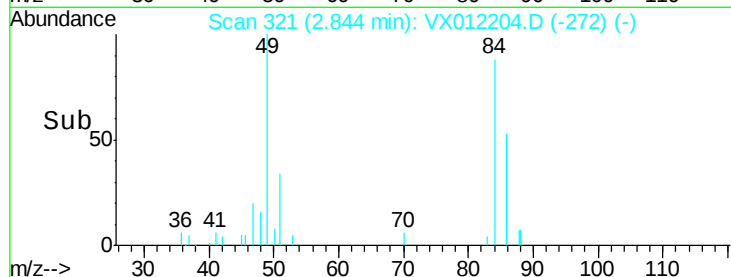
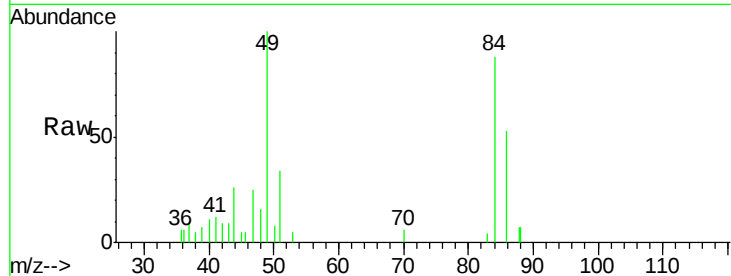




#20
Methylene Chloride
Concen: 1.139 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012204.D
Acq: 08 Sep 2019 06:15

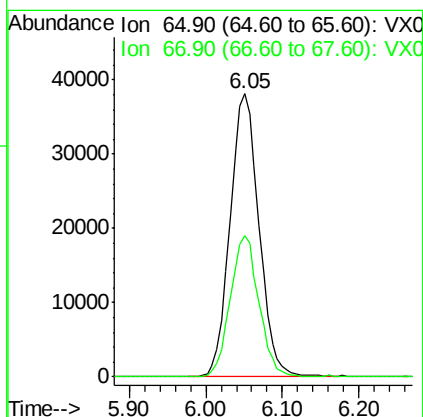
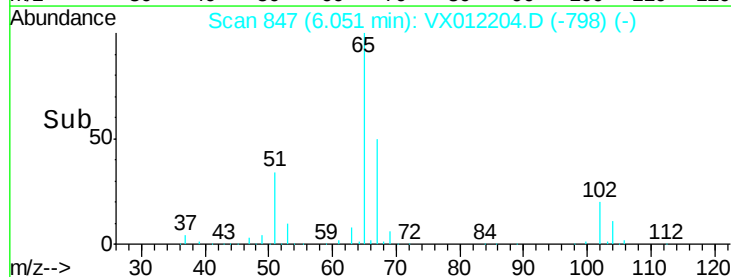
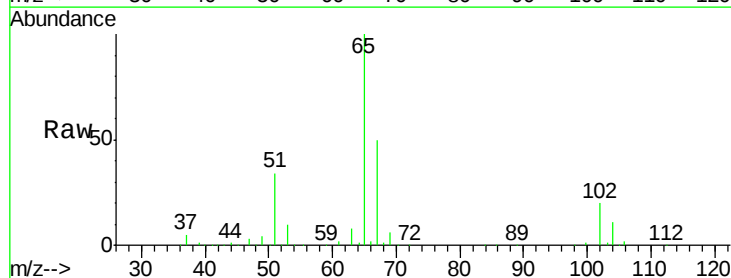
Instrument :
MSVOA_X
ClientSampled :
TP-4

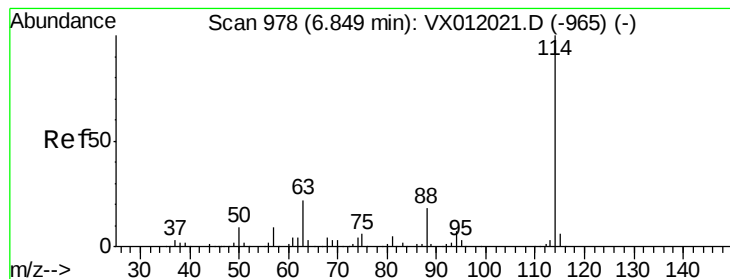
Tot Ion: 84 Resp: 2208
Ion Ratio Lower Upper
84 100
49 109.0 95.8 143.8
51 34.4 28.6 43.0
86 60.5 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 49.455 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012204.D
Acq: 08 Sep 2019 06:15

Tgt Ion: 65 Resp: 99875
Ion Ratio Lower Upper
65 100
67 49.3 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012204.D

Acq: 08 Sep 2019 06:15

Instrument :

MSVOA_X

ClientSampled :

TP-4

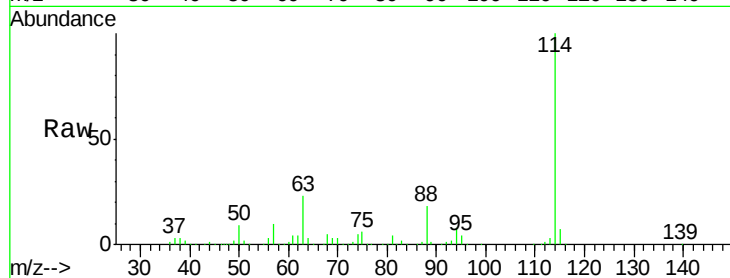
Tot Ion:114 Resp: 250875

Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.4

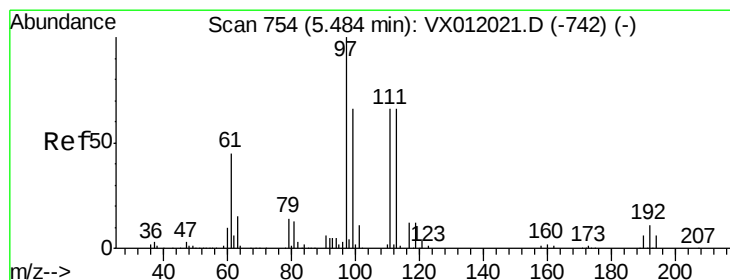
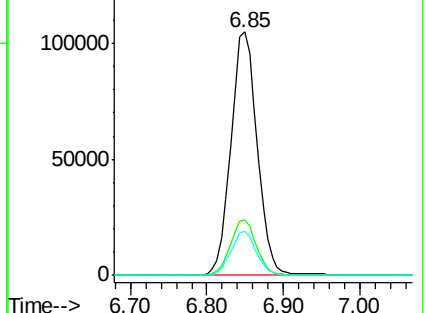
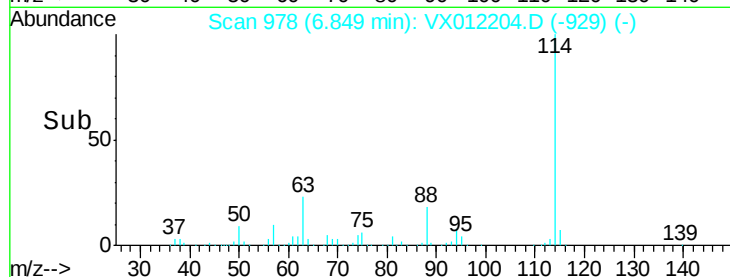
88 18.2 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.324 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012204.D

Acq: 08 Sep 2019 06:15

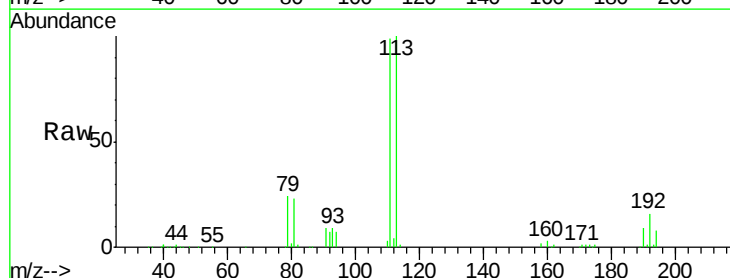
Tgt Ion:113 Resp: 74554

Ion Ratio Lower Upper

113 100

111 103.7 81.7 122.5

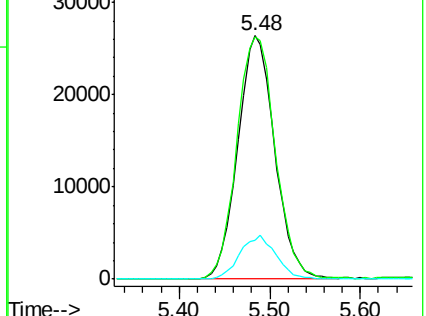
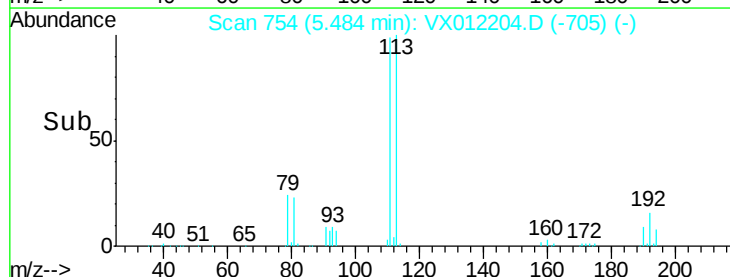
192 17.3 22.5 33.7#

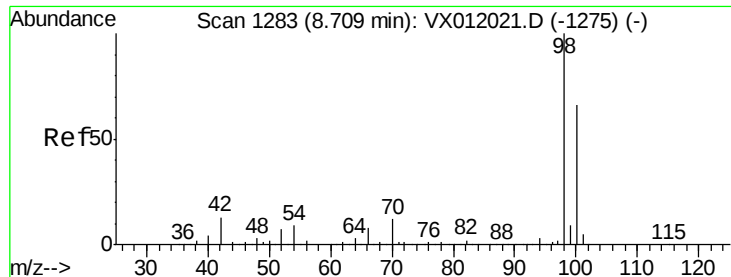


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.446 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012204.D

Acq: 08 Sep 2019 06:15

Instrument :

MSVOA_X

ClientSampled :

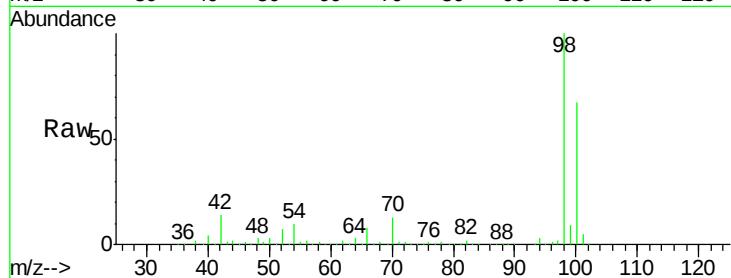
TP-4

Tot Ion: 98 Resp: 296920

Ion Ratio Lower Upper

98 100

100 67.6 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

200000

150000

100000

50000

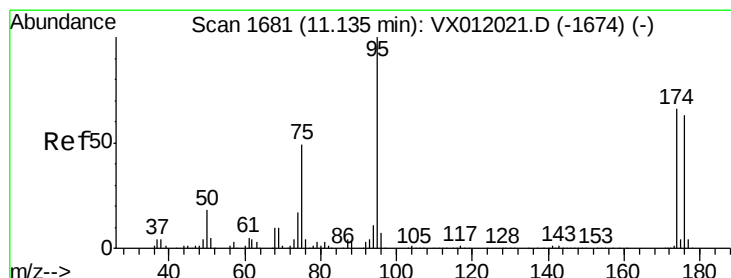
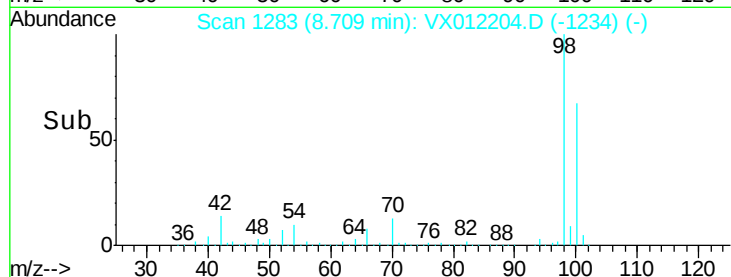
0

8.60

8.71

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 44.536 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012204.D

Acq: 08 Sep 2019 06:15

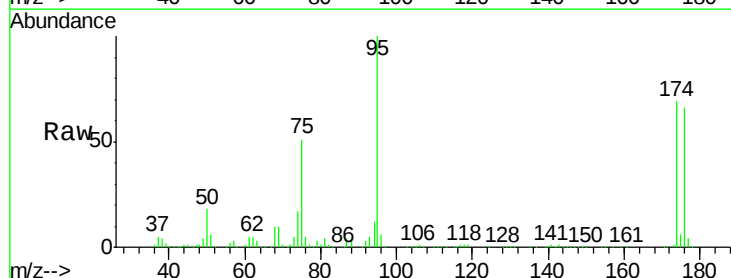
Tgt Ion: 95 Resp: 117259

Ion Ratio Lower Upper

95 100

174 64.8 0.0 205.4

176 62.3 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

40000

20000

0

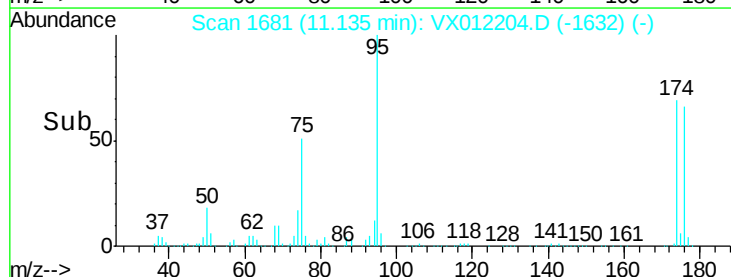
11.05

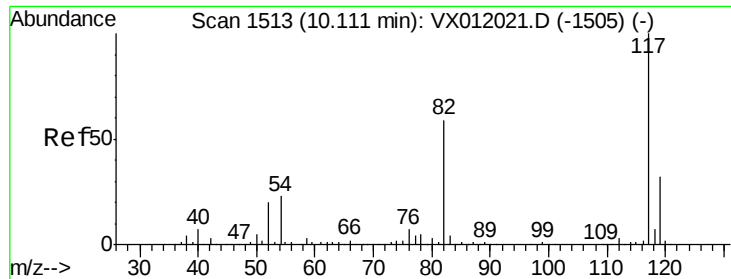
11.10

11.14

11.20

Time-->

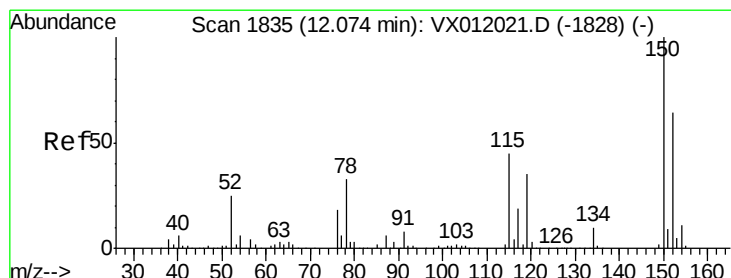
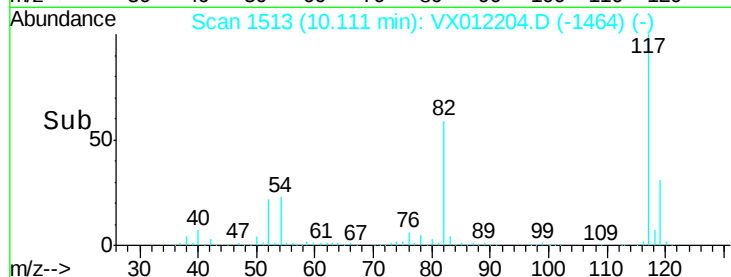
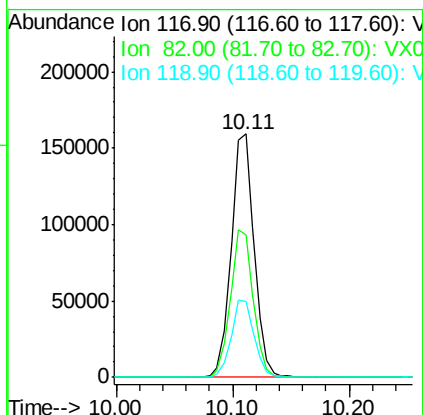
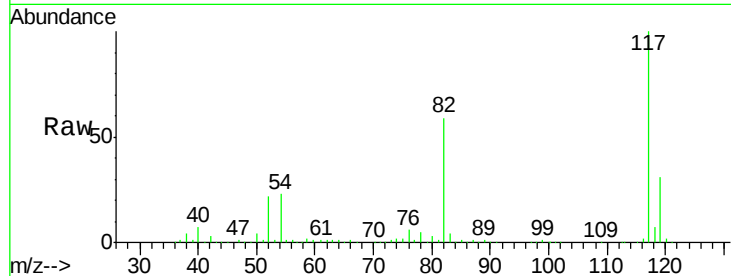




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012204.D
Acq: 08 Sep 2019 06:15

Instrument :
MSVOA_X
ClientSampled :
TP-4

Tot Ion:117 Resp: 218119
Ion Ratio Lower Upper
117 100
82 58.6 39.4 59.0
119 31.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012204.D
Acq: 08 Sep 2019 06:15

Tgt Ion:152 Resp: 95660
Ion Ratio Lower Upper
152 100
115 65.8 36.4 109.3
150 161.2 0.0 341.2

