

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013022.D
 Acq On : 11 Oct 2019 17:30
 Operator : JC/SP
 Sample : K5261-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0552

Quant Time: Oct 14 09:13:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

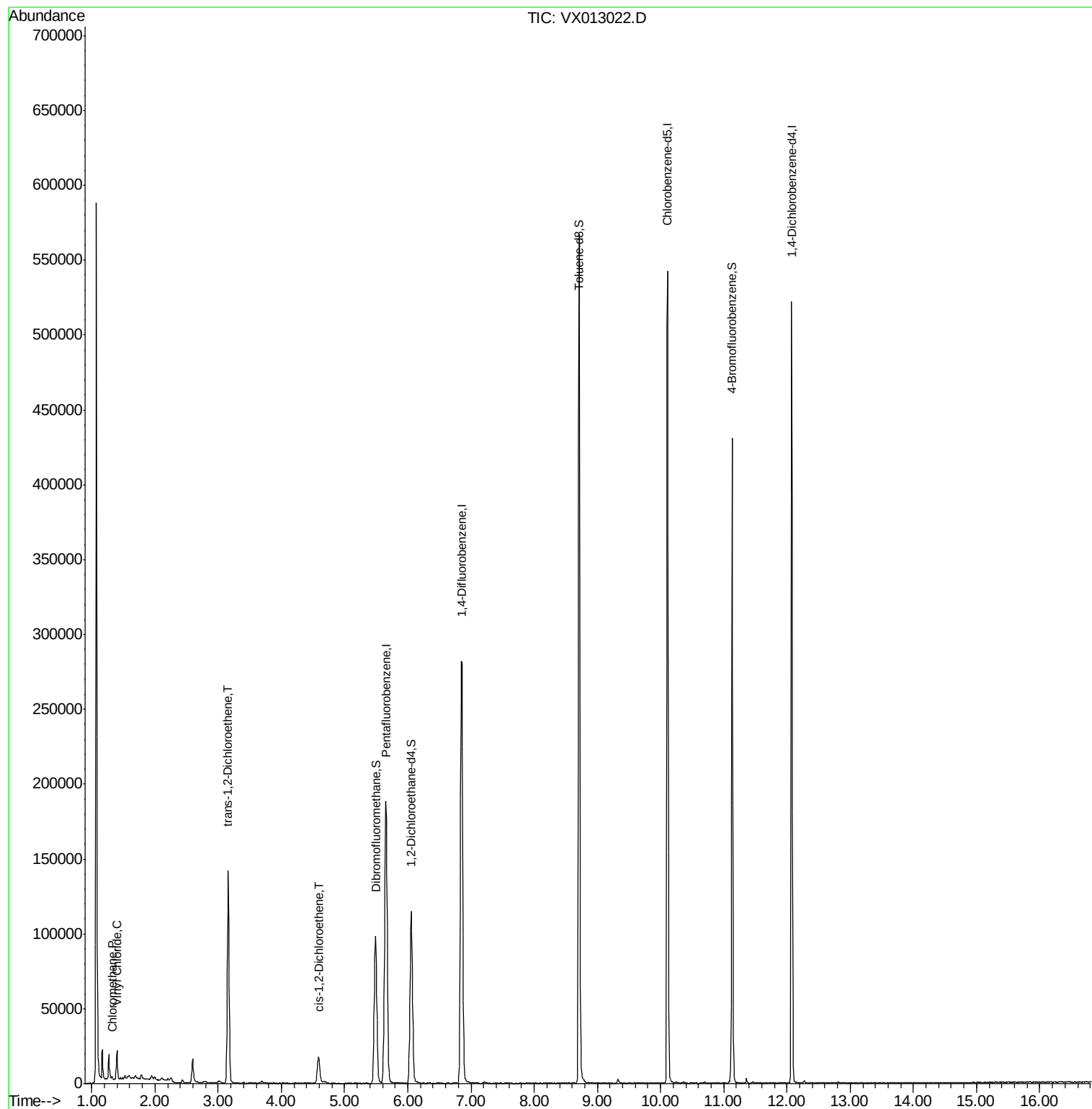
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	178472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291230	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101162	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	111793	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
35) Dibromofluoromethane	5.49	113	85779	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	8.71	98	339005	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	11.13	95	119120	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
Target Compounds						
3) Chloromethane	1.32	50	1126	0.569	ug/l #	86
4) Vinyl Chloride	1.40	62	8726	4.270	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	59467	30.763	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	11298	5.070	ug/l	91

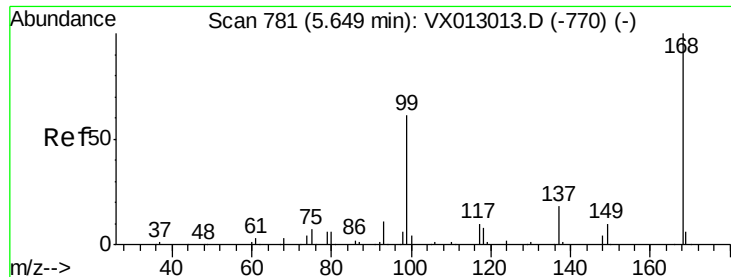
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013022.D

Acq: 11 Oct 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

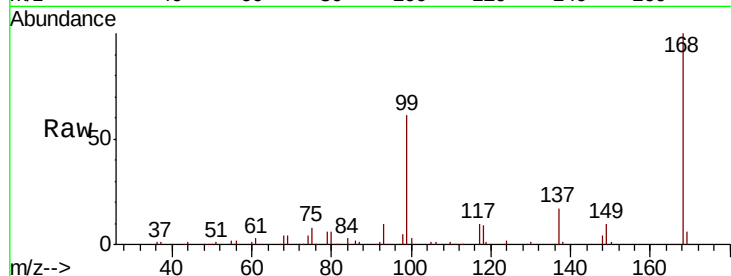
S49-0552

Tot Ion:168 Resp: 178472

Ion Ratio Lower Upper

168 100

99 60.5 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

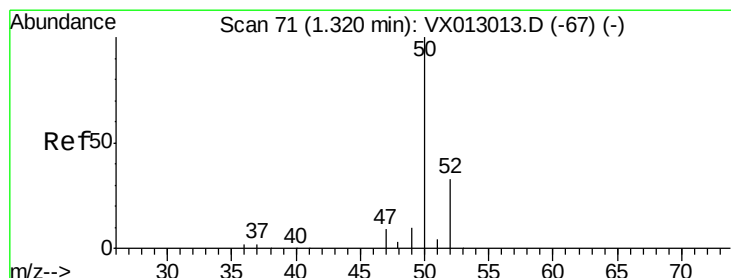
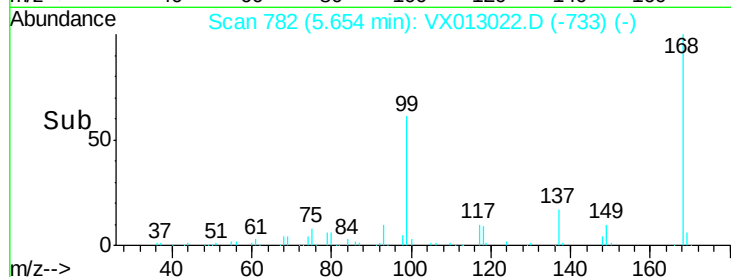
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.569 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013022.D

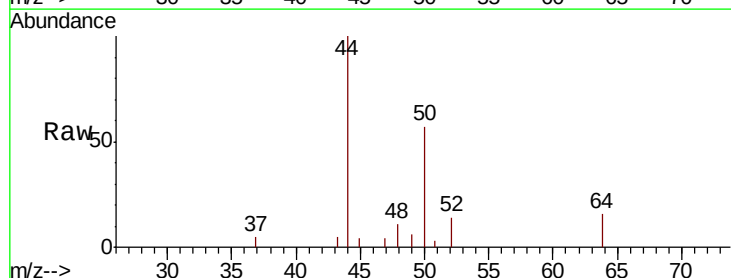
Acq: 11 Oct 2019 17:30

Tgt Ion: 50 Resp: 1126

Ion Ratio Lower Upper

50 100

52 23.7 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

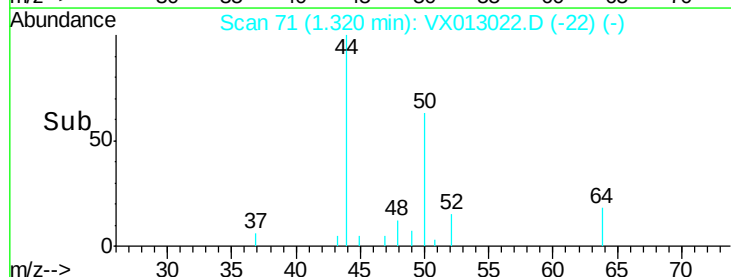
1500

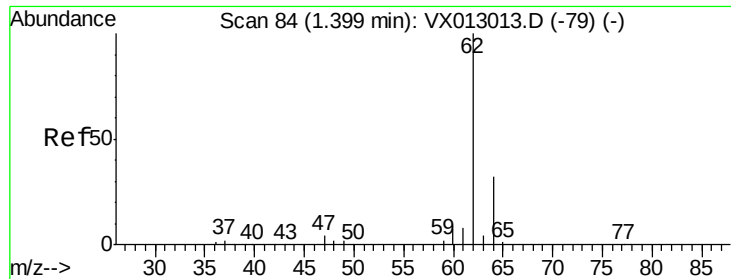
1000

500

0

Time--> 1.30 1.35





#4

Vinyl Chloride

Concen: 4.270 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013022.D

Acq: 11 Oct 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

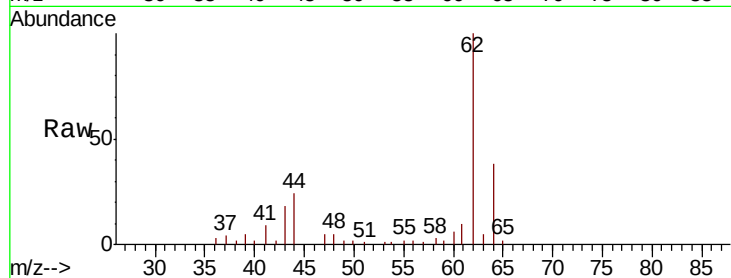
S49-0552

Tot Ion: 62 Resp: 8726

Ion Ratio Lower Upper

62 100

64 34.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

8000

6000

4000

2000

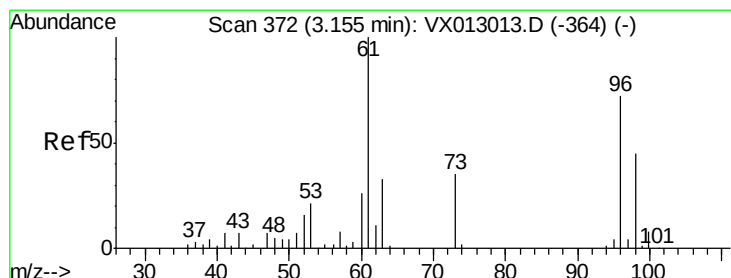
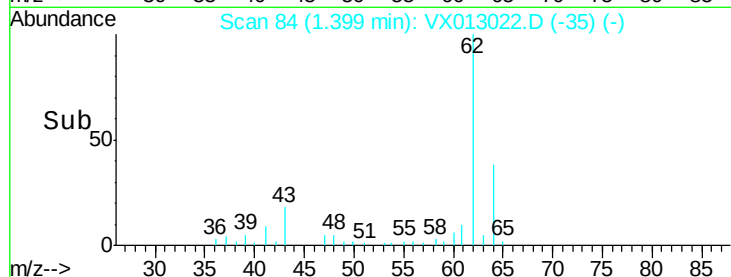
0

Time-->

1.35

1.40

1.45



#21

trans-1,2-Dichloroethene

Concen: 30.763 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX013022.D

Acq: 11 Oct 2019 17:30

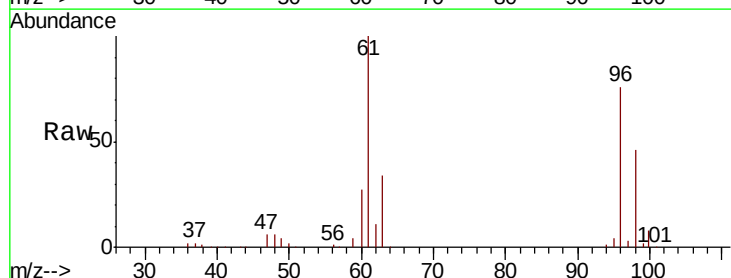
Tgt Ion: 96 Resp: 59467

Ion Ratio Lower Upper

96 100

61 131.1 110.4 165.6

98 60.2 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

50000

40000

30000

20000

10000

0

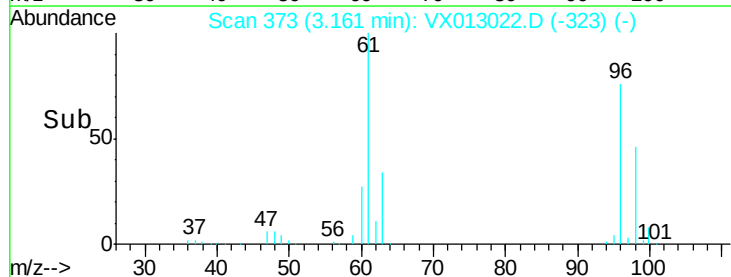
Time-->

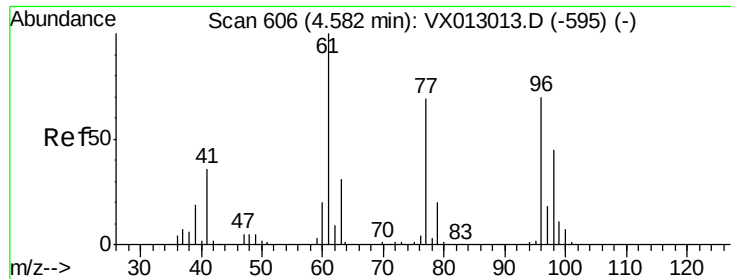
3.10

3.16

3.20

3.30





#27

cis-1,2-Dichloroethene

Concen: 5.070 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX013022.D

Acq: 11 Oct 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

S49-0552

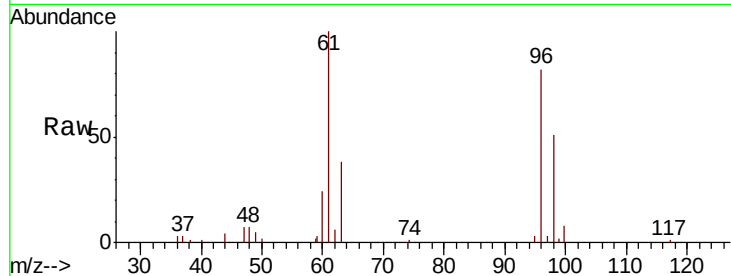
Tot Ion: 96 Resp: 11298

Ion Ratio Lower Upper

96 100

61 129.6 0.0 290.6

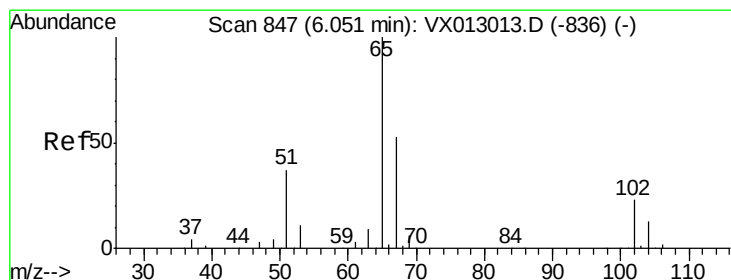
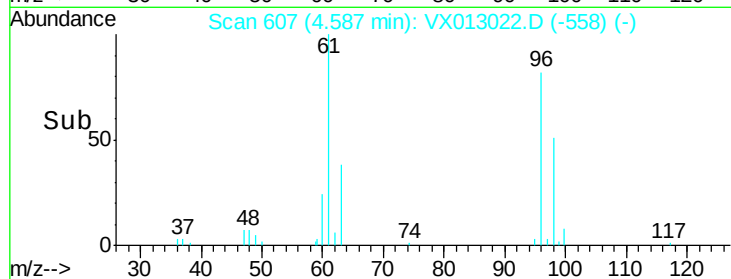
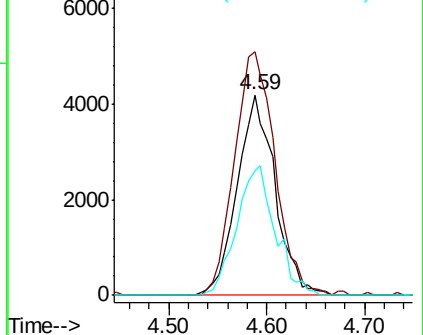
98 65.1 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.116 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013022.D

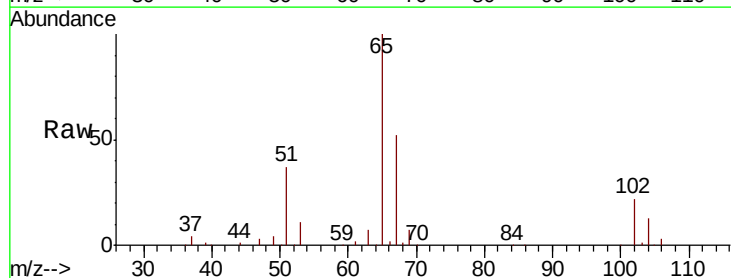
Acq: 11 Oct 2019 17:30

Tgt Ion: 65 Resp: 111793

Ion Ratio Lower Upper

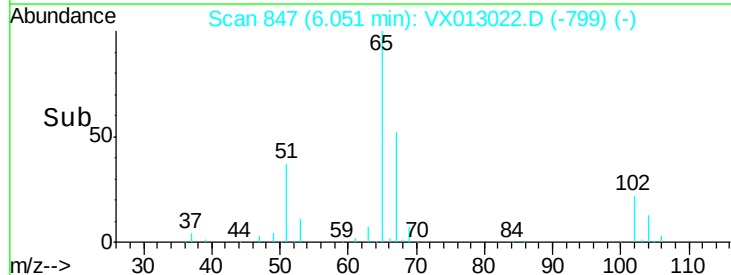
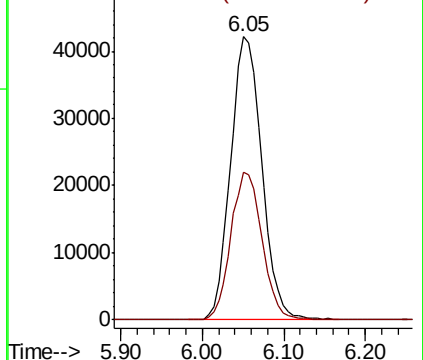
65 100

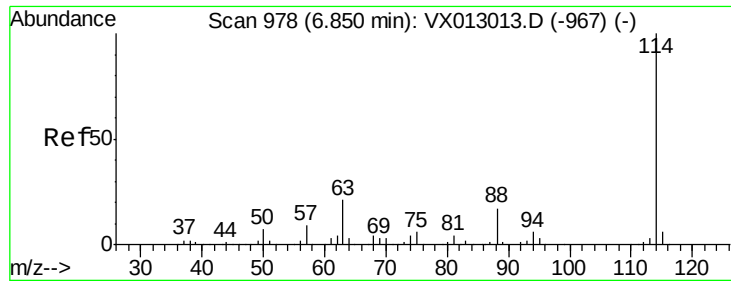
67 52.1 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX013022.D

Acq: 11 Oct 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

S49-0552

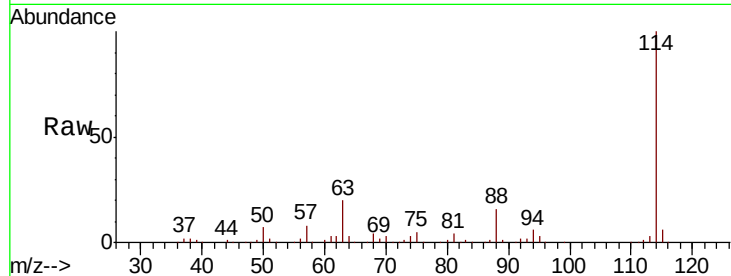
Tot Ion:114 Resp: 291230

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.8

88 15.9 0.0 33.8



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

6.86

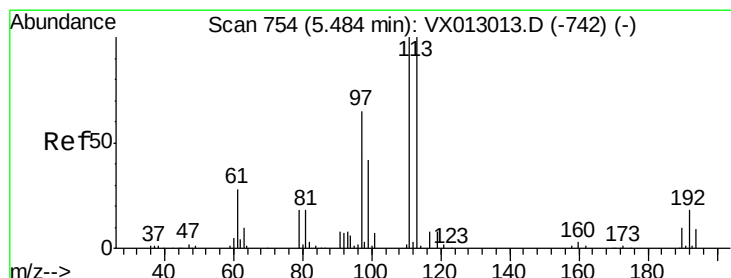
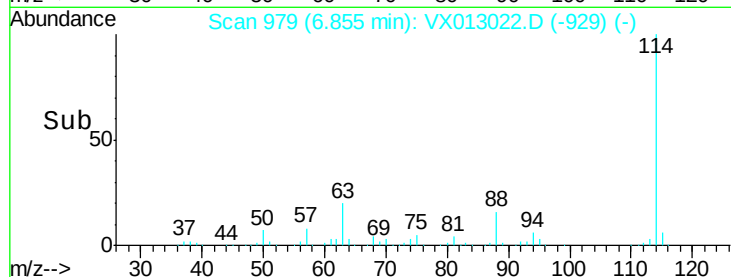
150000

100000

50000

0

Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 51.318 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013022.D

Acq: 11 Oct 2019 17:30

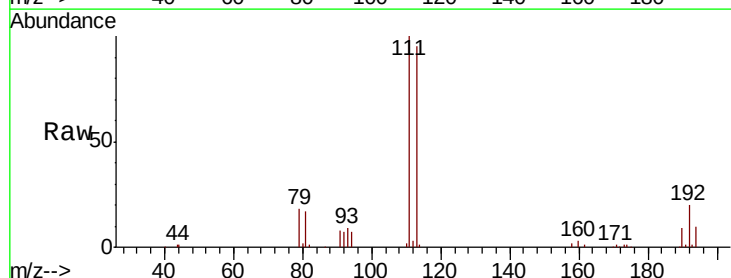
Tgt Ion:113 Resp: 85779

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

192 19.1 15.4 23.2



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

5.49

40000

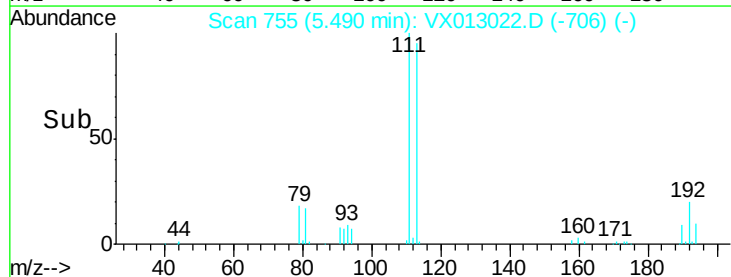
30000

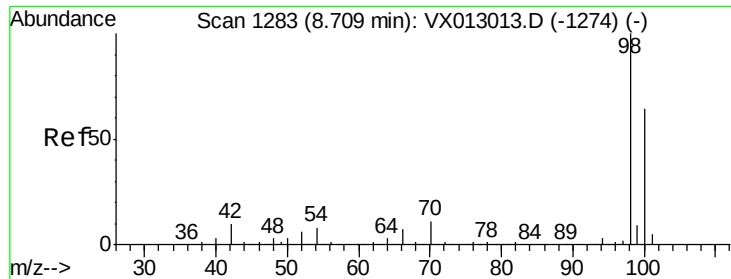
20000

10000

0

Time--> 5.40 5.50 5.60





#50

Toluene-d8

Concen: 52.000 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013022.D

Acq: 11 Oct 2019 17:30

Instrument :

MSVOA_X

ClientSampleId :

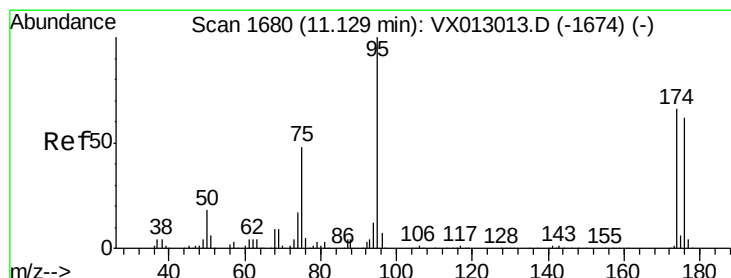
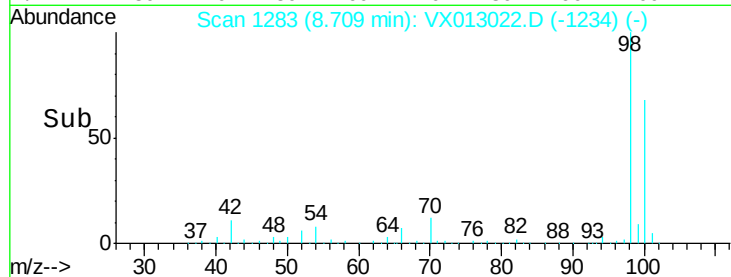
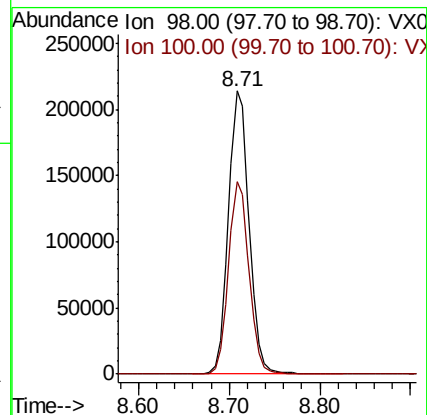
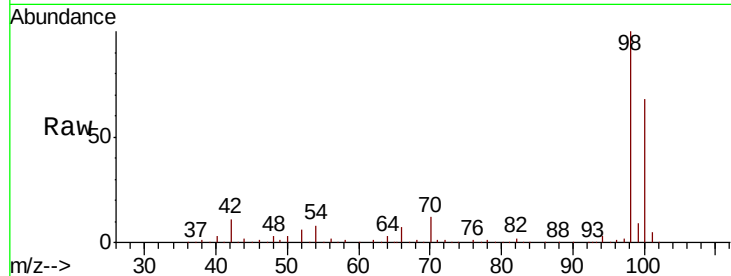
S49-0552

Tot Ion: 98 Resp: 339005

Ion Ratio Lower Upper

98 100

100 67.6 53.4 80.2



#62

4-Bromofluorobenzene

Concen: 47.025 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013022.D

Acq: 11 Oct 2019 17:30

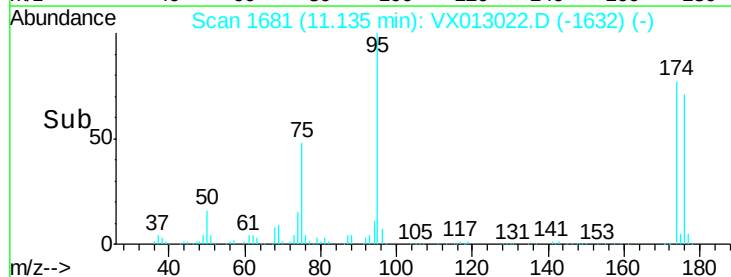
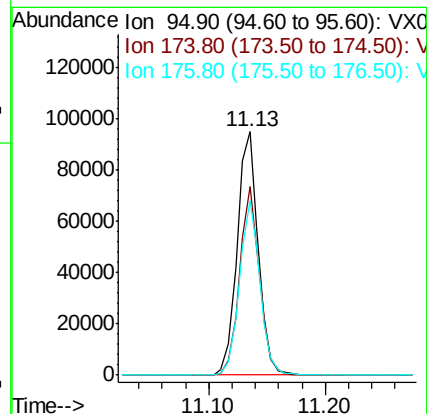
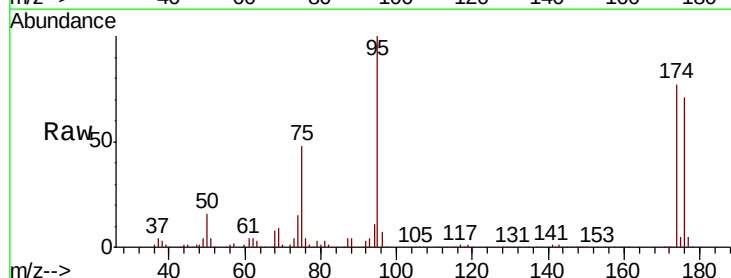
Tgt Ion: 95 Resp: 119120

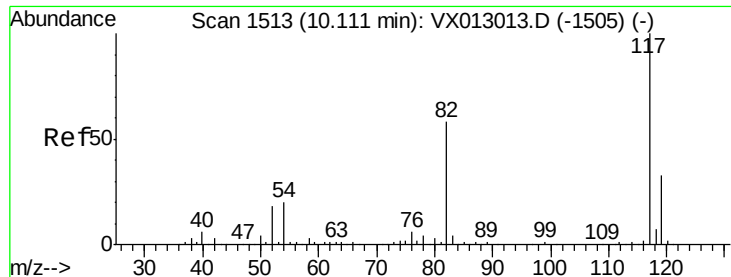
Ion Ratio Lower Upper

95 100

174 73.5 0.0 143.4

176 69.8 0.0 136.0

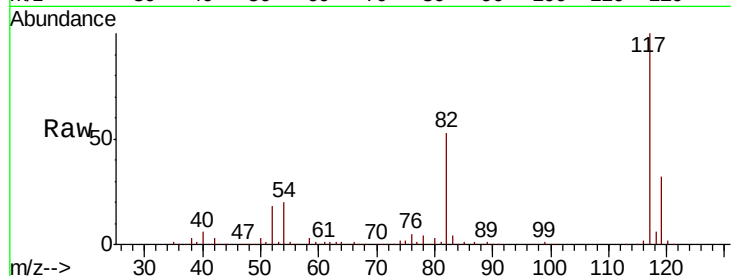




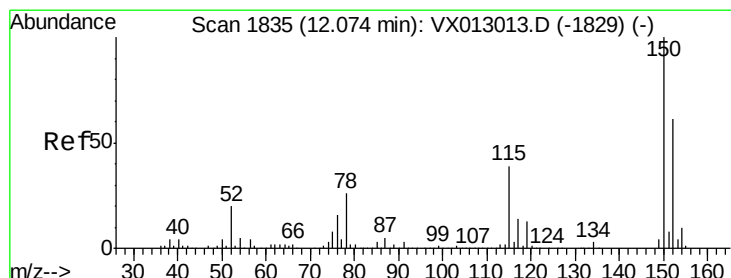
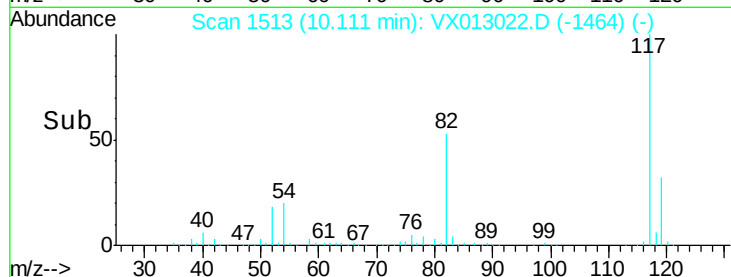
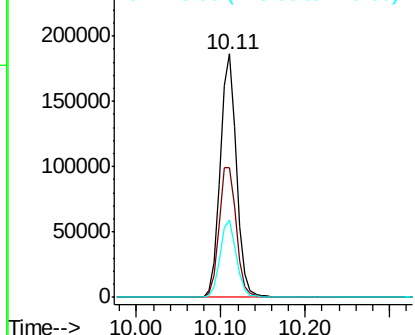
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013022.D
Acq: 11 Oct 2019 17:30

Instrument :
MSVOA_X
ClientSampled :
S49-0552

Tot Ion:117 Resp: 250316
Ion Ratio Lower Upper
117 100
82 53.3 44.1 66.1
119 31.5 25.8 38.8

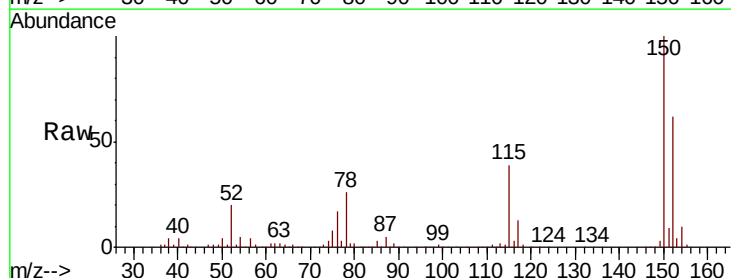


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013022.D
Acq: 11 Oct 2019 17:30

Tgt Ion:152 Resp: 101162
Ion Ratio Lower Upper
152 100
115 64.4 44.5 133.5
150 160.4 0.0 353.4



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

