

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011332.D
 Acq On : 05 Aug 2019 17:37
 Operator : JC/SP
 Sample : K4130-33
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1S-G-(30)

Quant Time: Aug 06 03:48:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

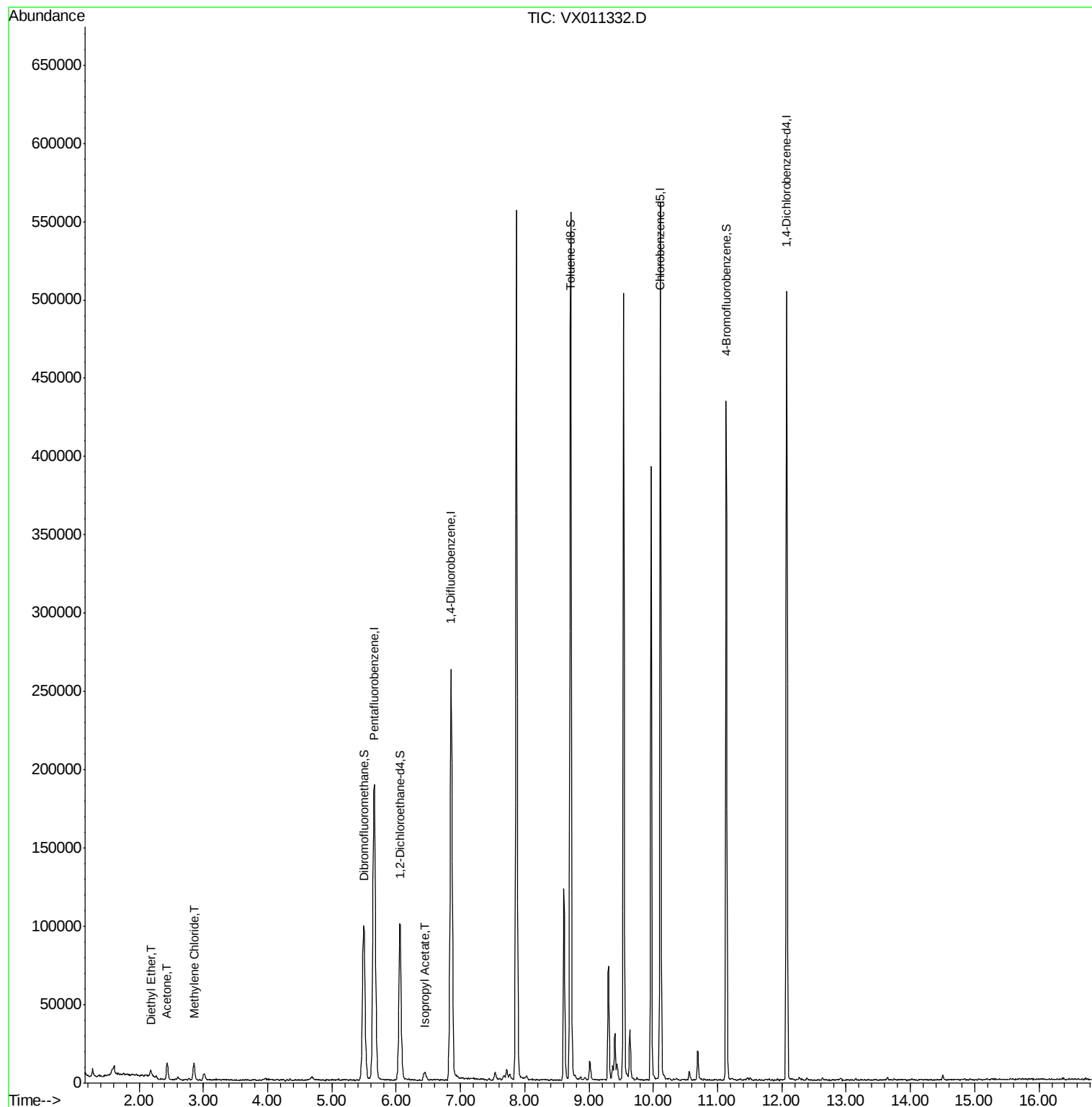
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273979	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	93078	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	5.49	113	82283	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
50) Toluene-d8	8.71	98	330434	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.13	95	102334	42.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.90%	
Target Compounds						
8) Diethyl Ether	2.18	74	1554	1.349	ug/l	98
16) Acetone	2.43	43	10978	12.039	ug/l	97
20) Methylene Chloride	2.85	84	4983	2.495	ug/l	90
43) Isopropyl Acetate	6.44	43	7090	1.848	ug/l #	91

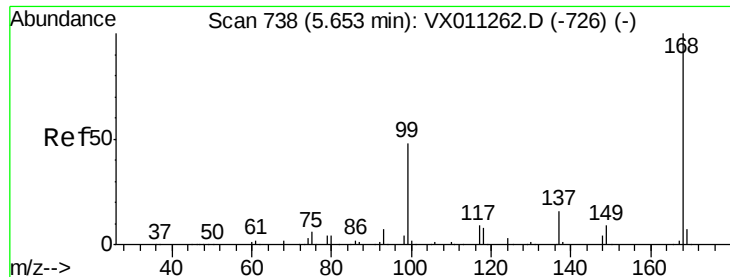
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011332.D

Acq: 05 Aug 2019 17:37

Instrument :

MSVOA_X

ClientSampleId :

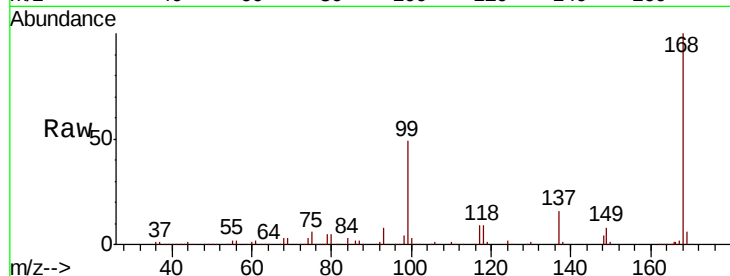
1S-G-(30)

Tot Ion:168 Resp: 190236

Ion Ratio Lower Upper

168 100

99 49.4 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

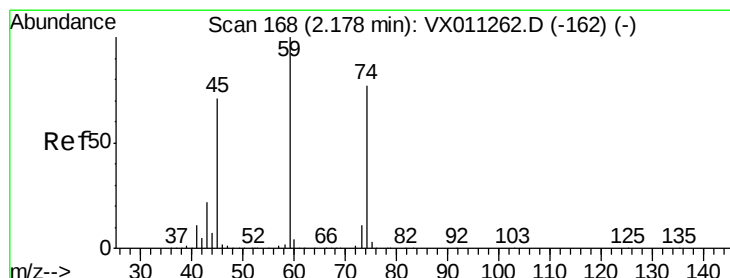
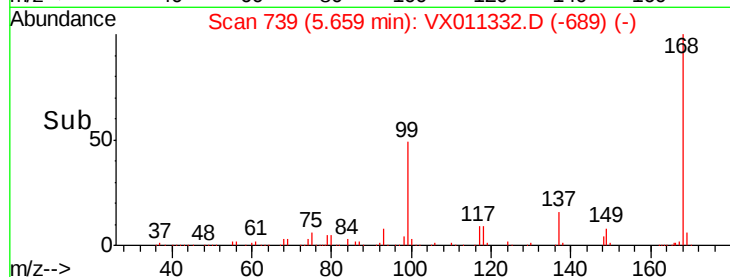
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.349 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX011332.D

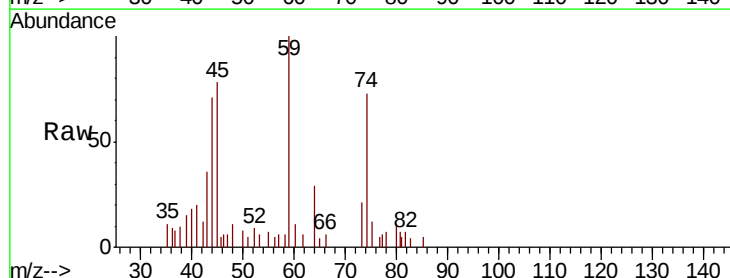
Acq: 05 Aug 2019 17:37

Tgt Ion: 74 Resp: 1554

Ion Ratio Lower Upper

74 100

45 90.0 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.18

1000

800

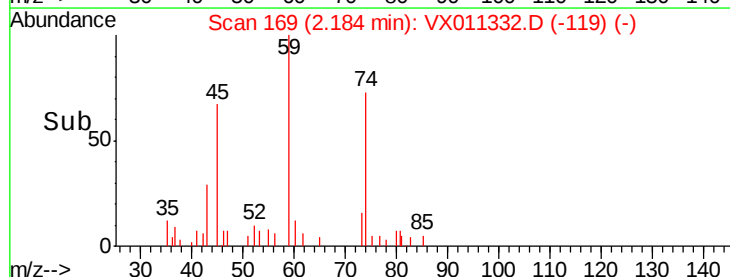
600

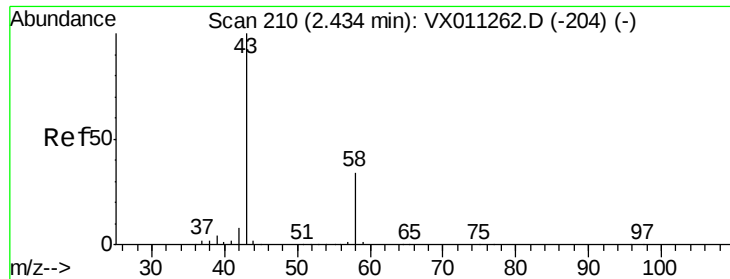
400

200

0

Time--> 2.15 2.20





#16

Acetone

Concen: 12.039 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011332.D

Acq: 05 Aug 2019 17:37

Instrument :

MSVOA_X

ClientSampleId :

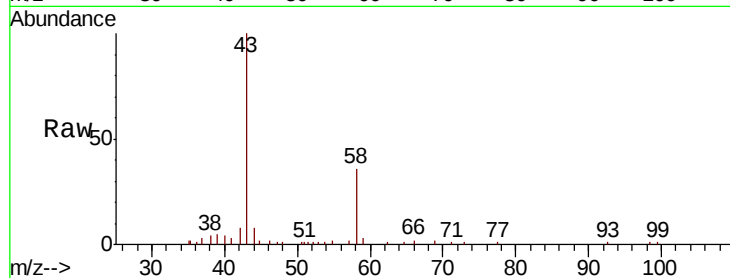
1S-G-(30)

Tot Ion: 43 Resp: 10978

Ion Ratio Lower Upper

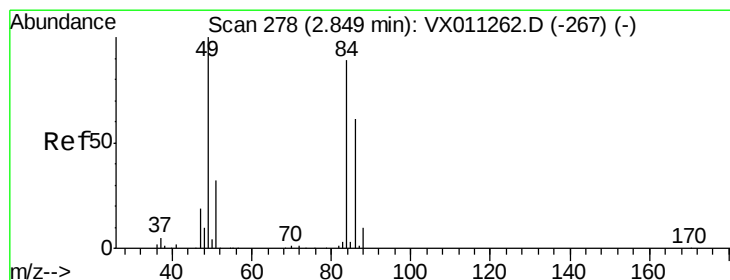
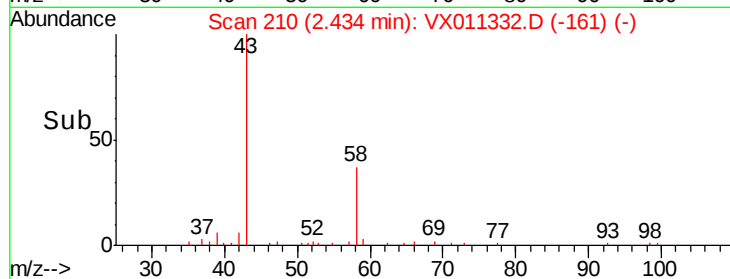
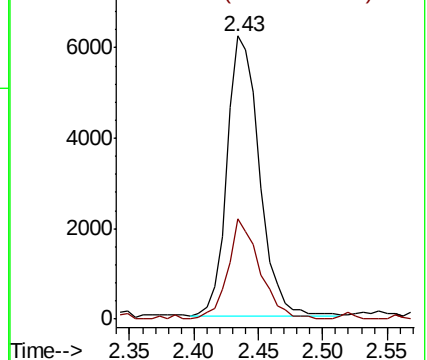
43 100

58 35.9 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 2.495 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011332.D

Acq: 05 Aug 2019 17:37

Tgt Ion: 84 Resp: 4983

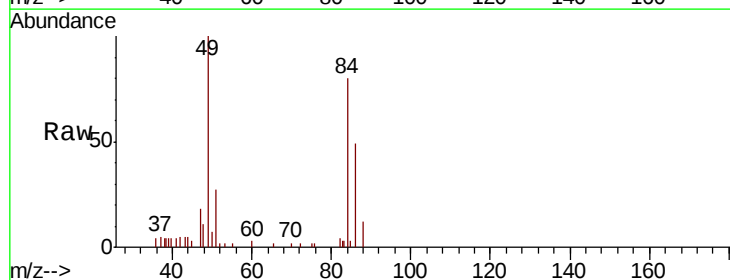
Ion Ratio Lower Upper

84 100

49 125.3 89.3 133.9

51 33.4 28.3 42.5

86 61.5 54.5 81.7

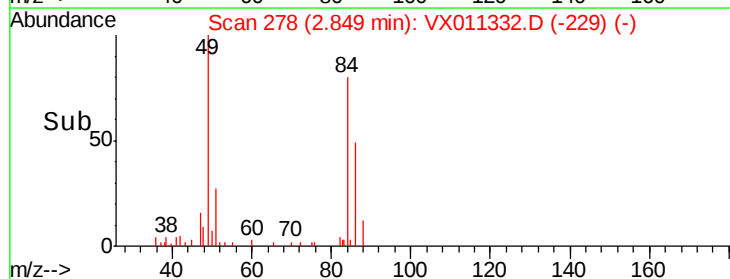
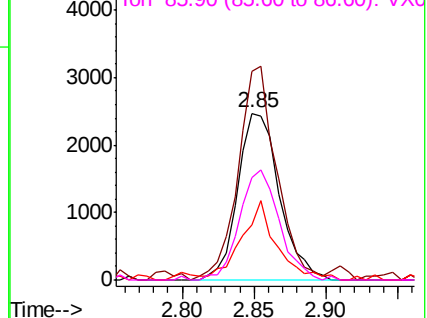


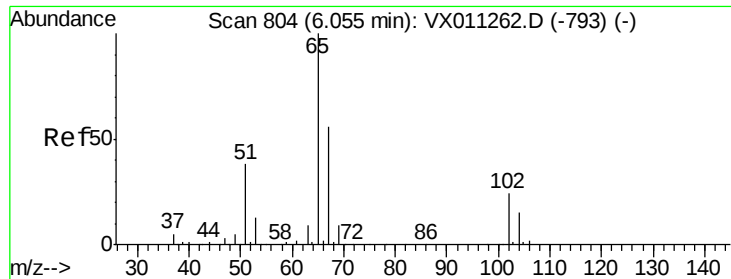
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.585 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011332.D

Acq: 05 Aug 2019 17:37

Instrument :

MSVOA_X

ClientSampleId :

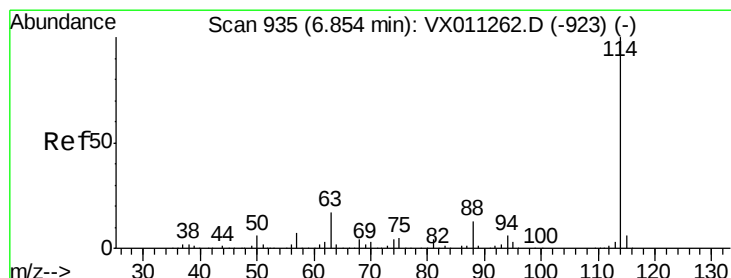
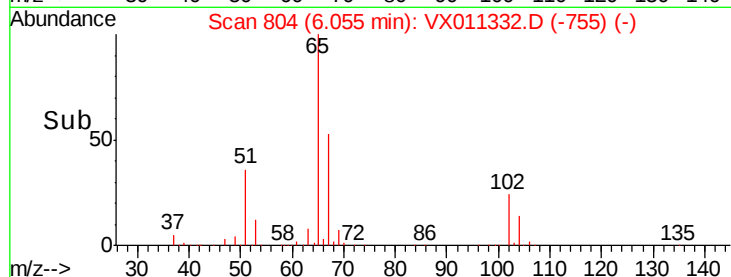
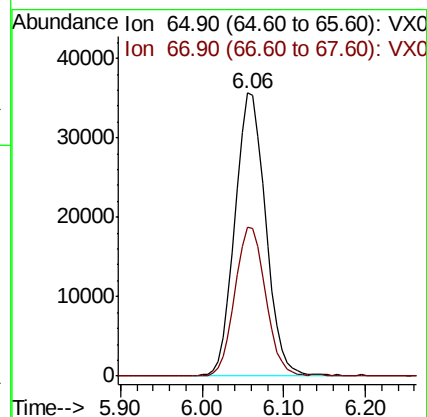
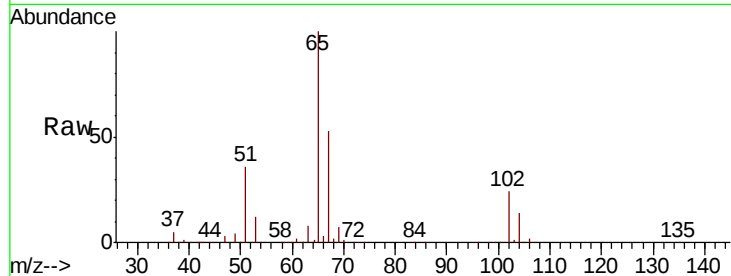
1S-G-(30)

Tot Ion: 65 Resp: 93078

Ion Ratio Lower Upper

65 100

67 52.4 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011332.D

Acq: 05 Aug 2019 17:37

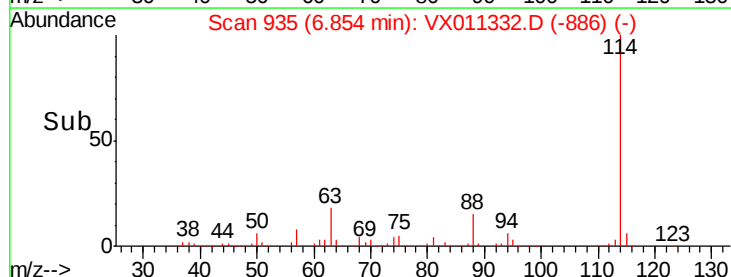
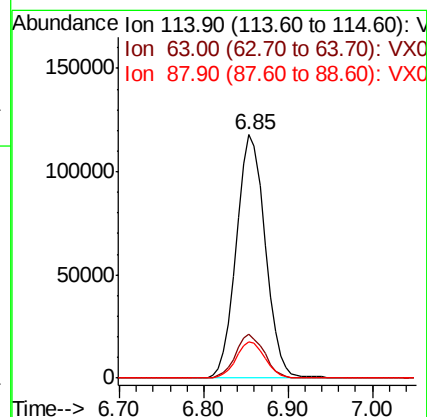
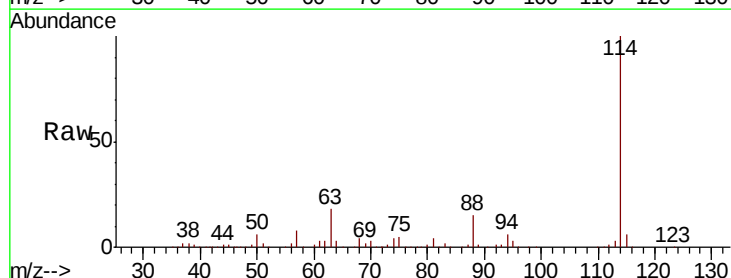
Tgt Ion: 114 Resp: 273979

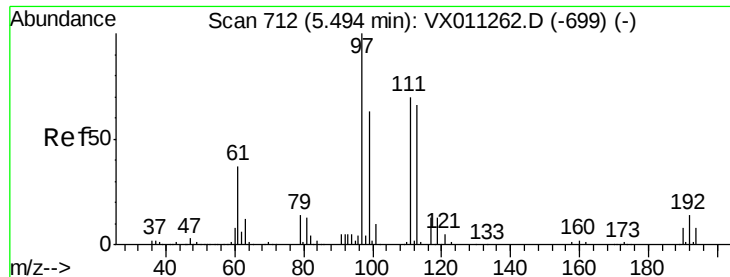
Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

88 15.0 0.0 26.4





#35

Dibromofluoromethane

Concen: 46.000 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011332.D

Acq: 05 Aug 2019 17:37

Instrument :

MSVOA_X

ClientSampleId :

1S-G-(30)

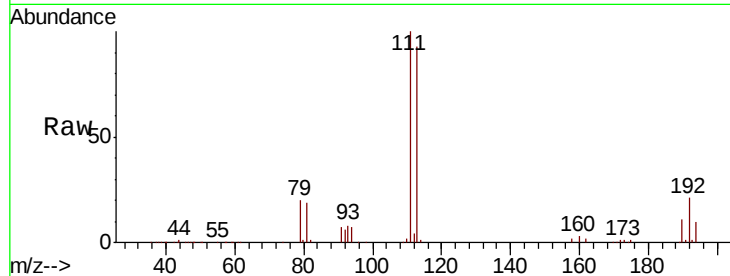
Tot Ion:113 Resp: 82283

Ion Ratio Lower Upper

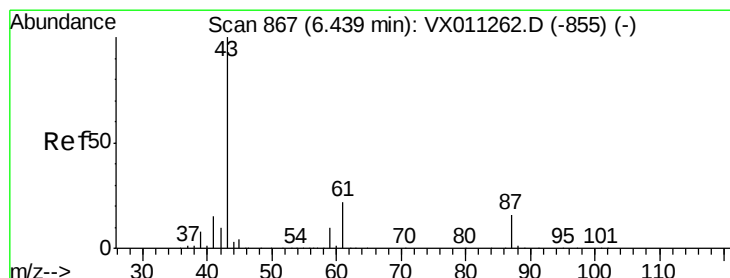
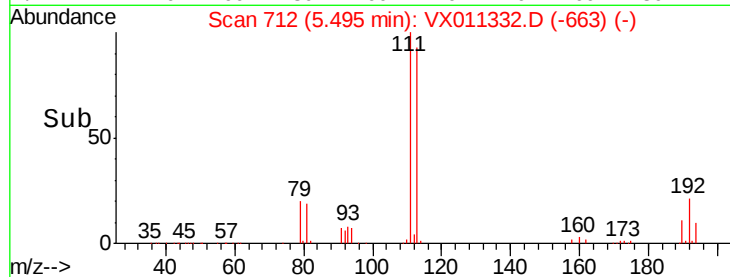
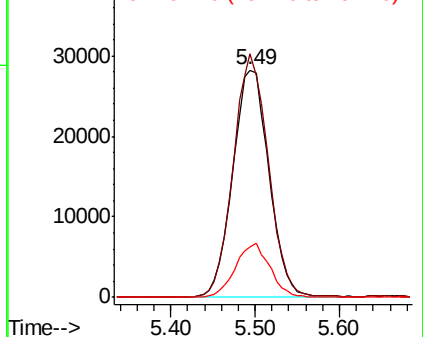
113 100

111 103.0 81.9 122.9

192 22.5 17.8 26.8



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



#43

Isopropyl Acetate

Concen: 1.848 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011332.D

Acq: 05 Aug 2019 17:37

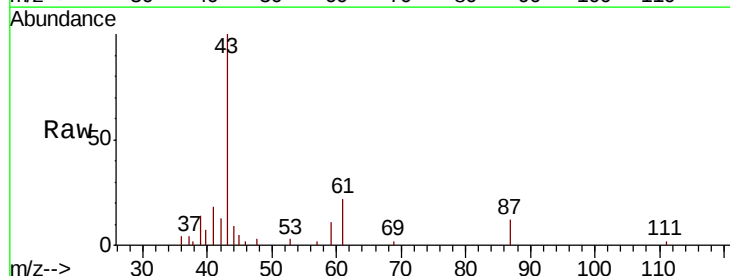
Tgt Ion: 43 Resp: 7090

Ion Ratio Lower Upper

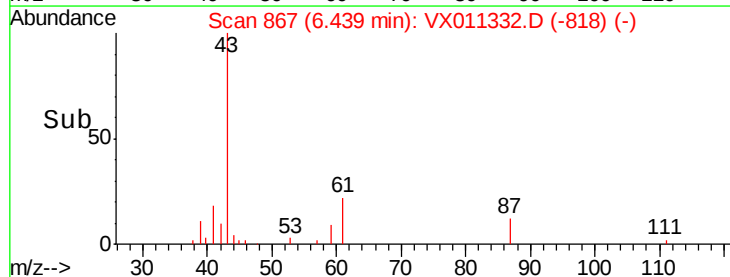
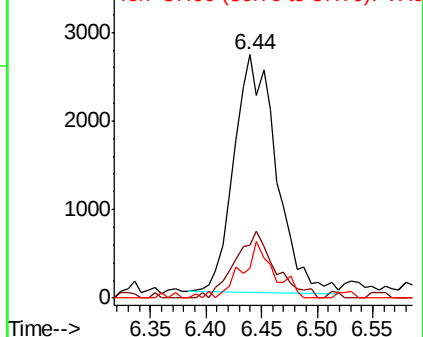
43 100

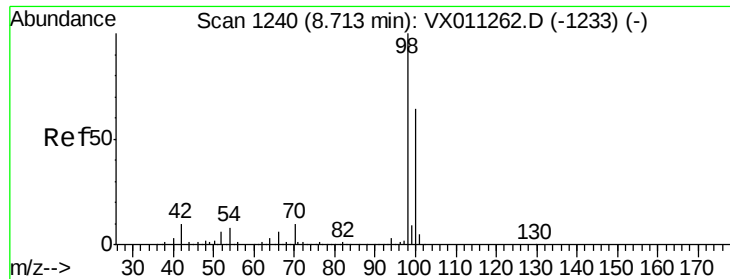
61 26.1 16.5 24.7#

87 17.7 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 48.939 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011332.D

Acq: 05 Aug 2019 17:37

Instrument :

MSVOA_X

ClientSampleId :

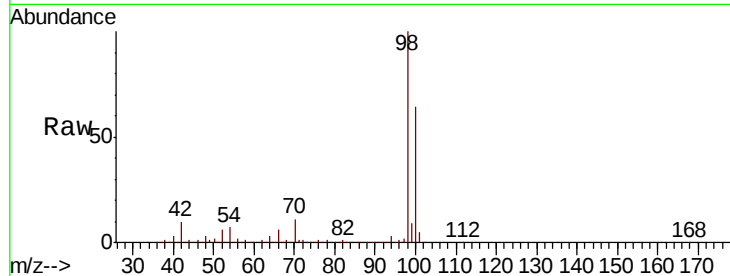
1S-G-(30)

Tot Ion: 98 Resp: 330434

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

250000

200000

150000

100000

50000

0

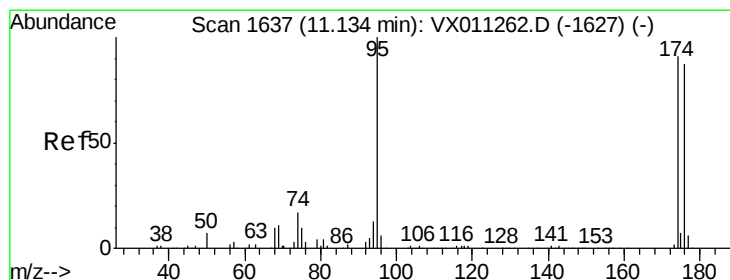
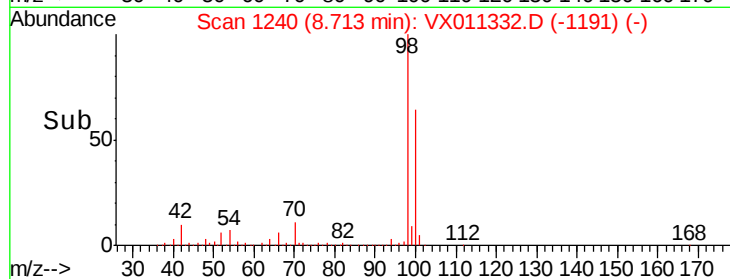
8.60

8.70

8.80

8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 42.451 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011332.D

Acq: 05 Aug 2019 17:37

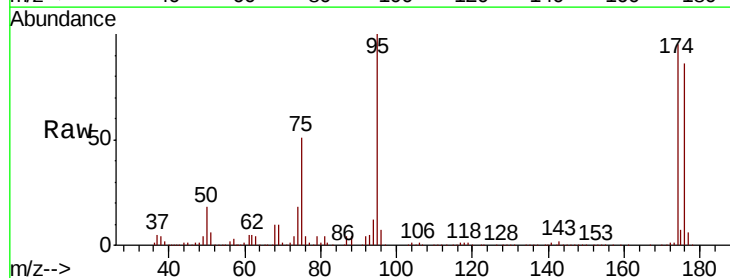
Tgt Ion: 95 Resp: 102334

Ion Ratio Lower Upper

95 100

174 95.3 0.0 191.2

176 91.3 0.0 184.8



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

100000

80000

60000

40000

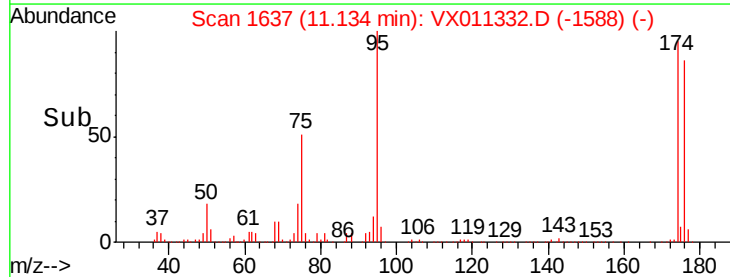
20000

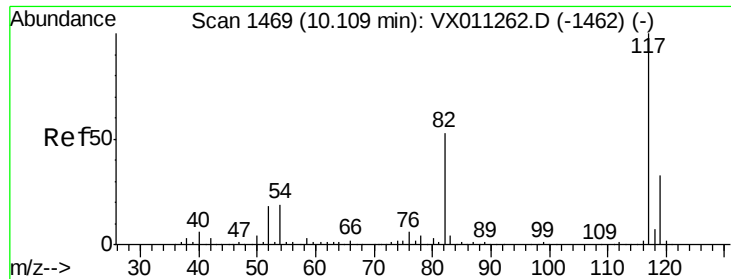
0

11.10

11.20

Time-->

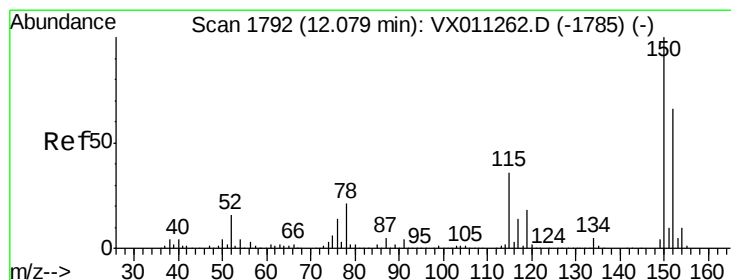
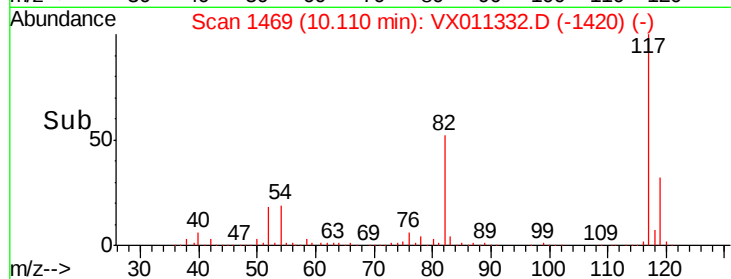
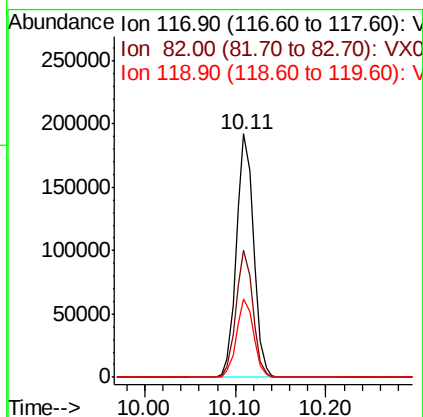
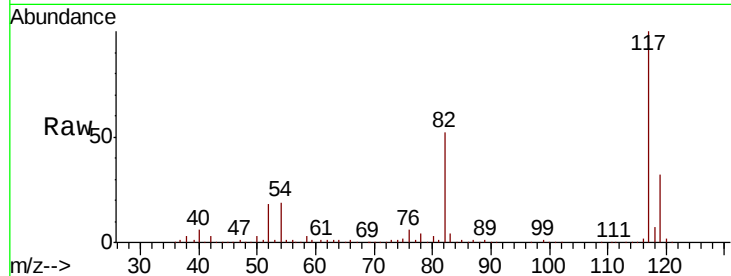




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Instrument :
MSVOA_X
ClientSampled :
1S-G-(30)

Tot Ion:117 Resp: 253390
Ion Ratio Lower Upper
117 100
82 52.0 42.2 63.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011332.D
Acq: 05 Aug 2019 17:37

Tgt Ion:152 Resp: 108377
Ion Ratio Lower Upper
152 100
115 55.9 40.0 119.9
150 158.0 0.0 350.4

