

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080519\
 Data File : VX011327.D
 Acq On : 05 Aug 2019 15:40
 Operator : JC/SP
 Sample : K4129-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-E1-(0-1)

Quant Time: Aug 06 03:38:25 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

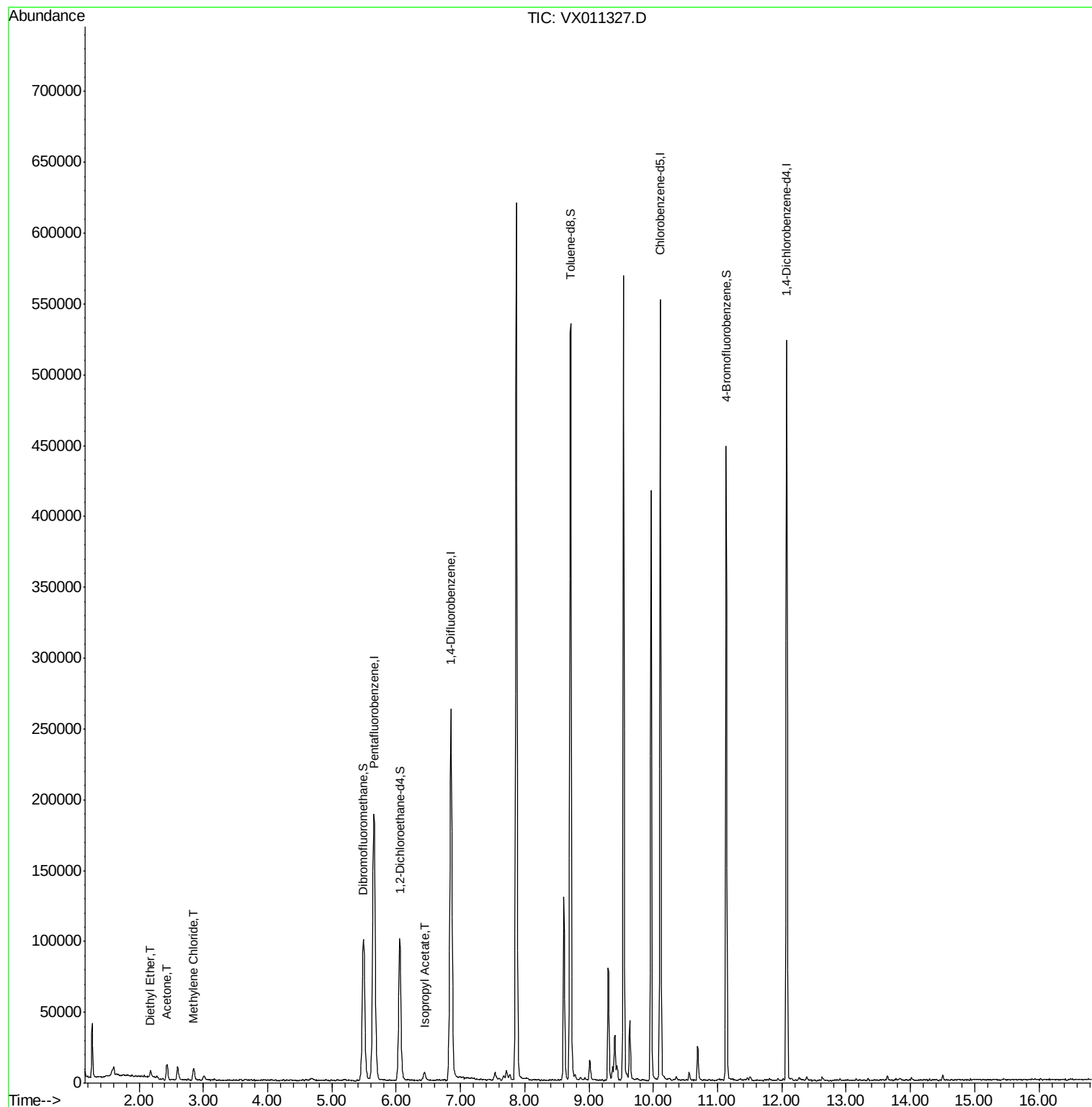
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	278520	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	91224	47.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.90%	
35) Dibromofluoromethane	5.49	113	83494	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
50) Toluene-d8	8.71	98	331853	48.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.70%	
62) 4-Bromofluorobenzene	11.13	95	103743	42.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.66%	
Target Compounds						
8) Diethyl Ether	2.18	74	1740	1.505	ug/l	88
16) Acetone	2.43	43	12369	13.518	ug/l	97
20) Methylene Chloride	2.85	84	4279	2.135	ug/l #	88
43) Isopropyl Acetate	6.44	43	8438	2.164	ug/l	97

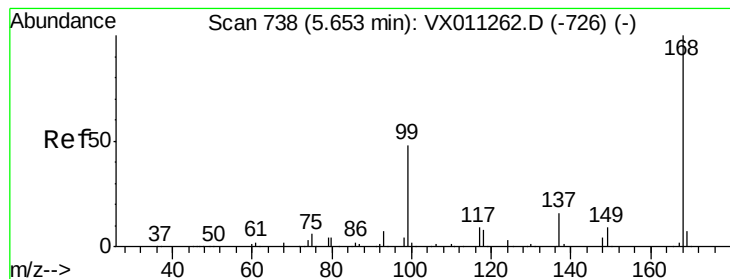
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 02 01:55:00 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011327.D

Acq: 05 Aug 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

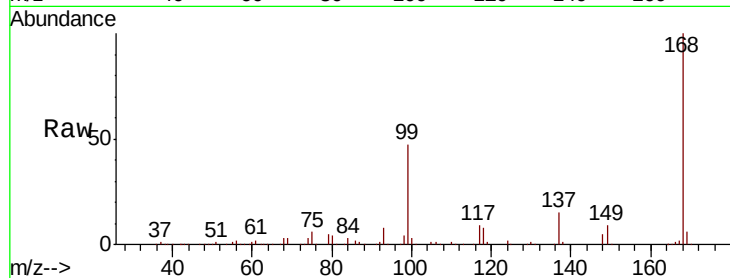
2S-E1-(0-1)

Tot Ion:168 Resp: 190888

Ion Ratio Lower Upper

168 100

99 47.0 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

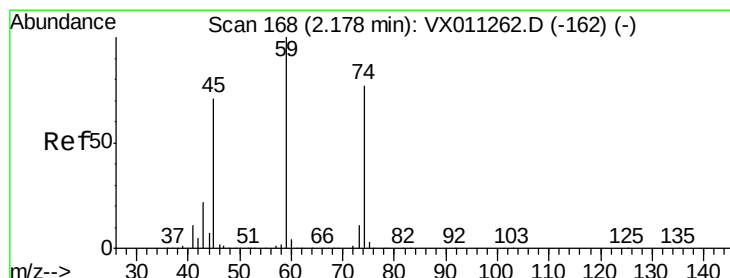
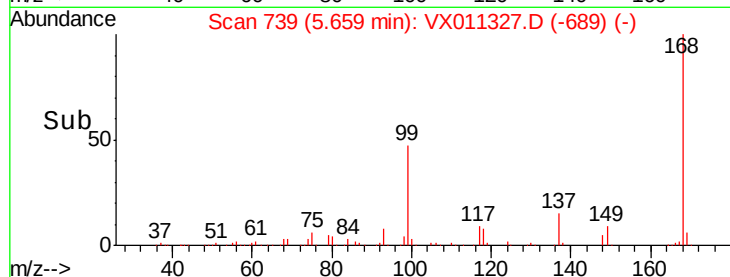
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.505 ug/l

RT: 2.18 min Scan# 169

Delta R.T. 0.01 min

Lab File: VX011327.D

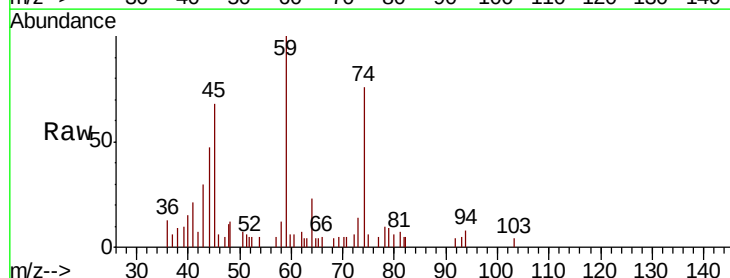
Acq: 05 Aug 2019 15:40

Tgt Ion: 74 Resp: 1740

Ion Ratio Lower Upper

74 100

45 80.7 46.1 138.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

1200

1000

800

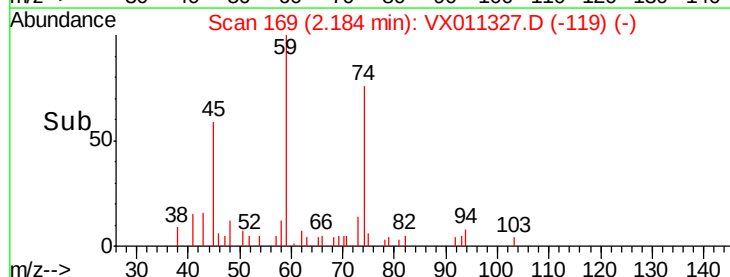
600

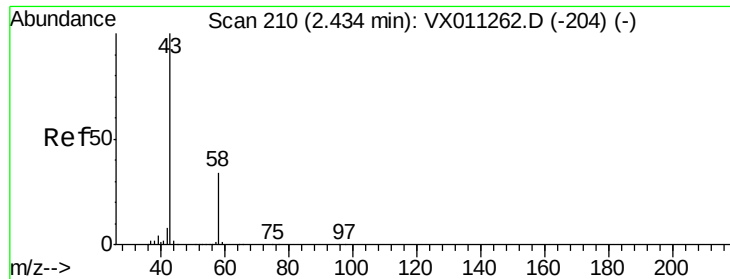
400

200

0

Time--> 2.10 2.15 2.20 2.25





#16

Acetone

Concen: 13.518 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011327.D

Acq: 05 Aug 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

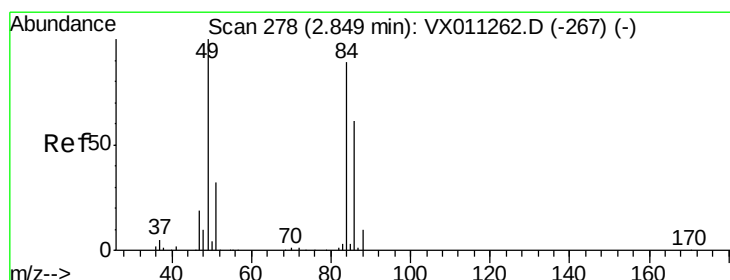
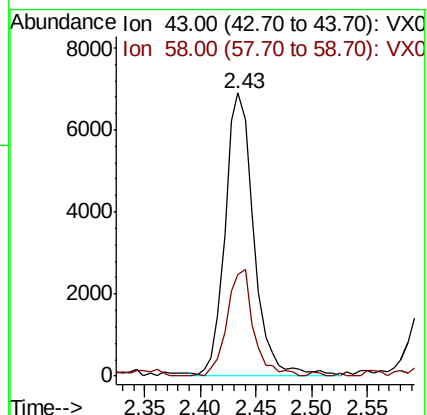
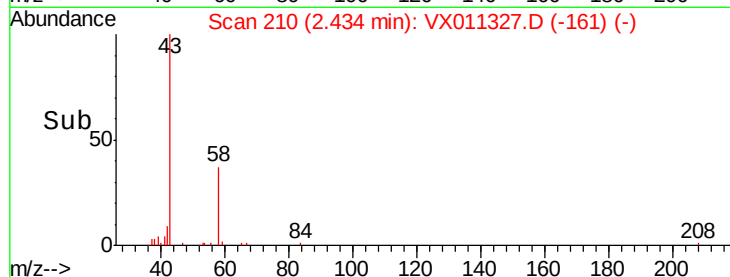
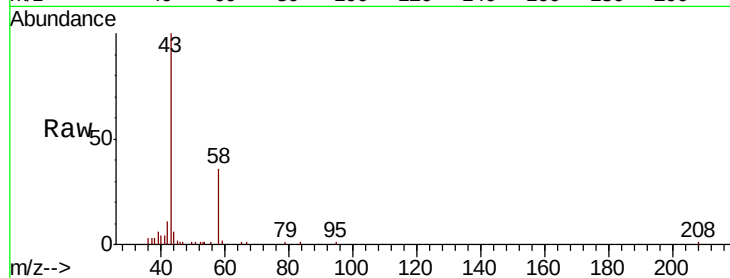
2S-E1-(0-1)

Tot Ion: 43 Resp: 12369

Ion Ratio Lower Upper

43 100

58 35.9 27.4 41.0



#20

Methylene Chloride

Concen: 2.135 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011327.D

Acq: 05 Aug 2019 15:40

Tgt Ion: 84 Resp: 4279

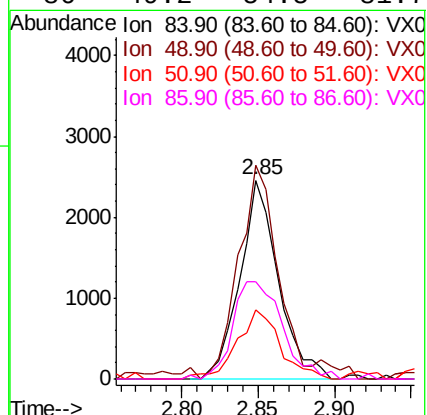
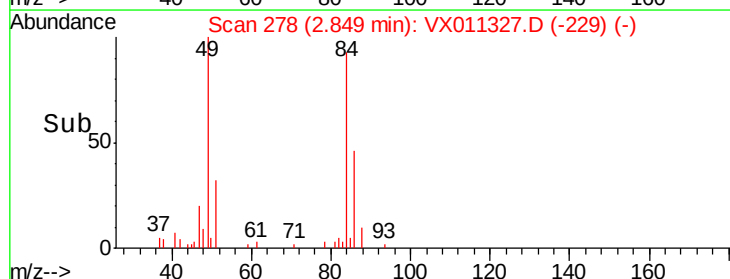
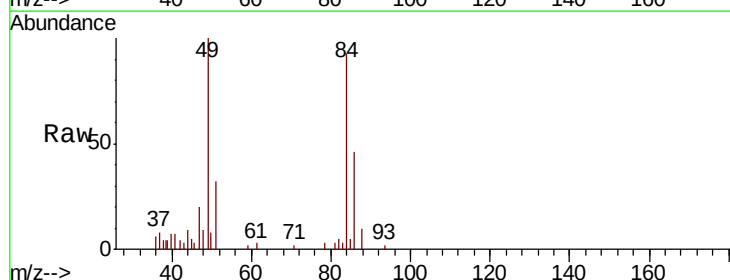
Ion Ratio Lower Upper

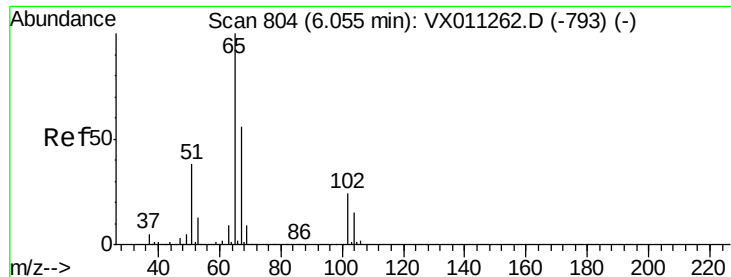
84 100

49 103.3 89.3 133.9

51 34.7 28.3 42.5

86 49.2 54.5 81.7#





#33

1,2-Dichloroethane-d4

Concen: 47.455 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011327.D

Acq: 05 Aug 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

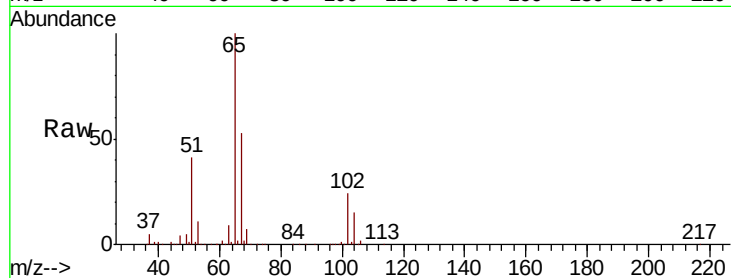
2S-E1-(0-1)

Tot Ion: 65 Resp: 91224

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

40000

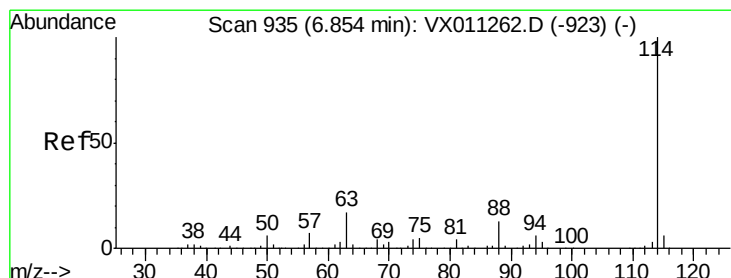
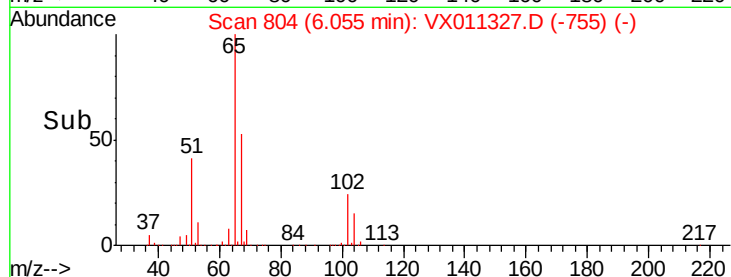
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011327.D

Acq: 05 Aug 2019 15:40

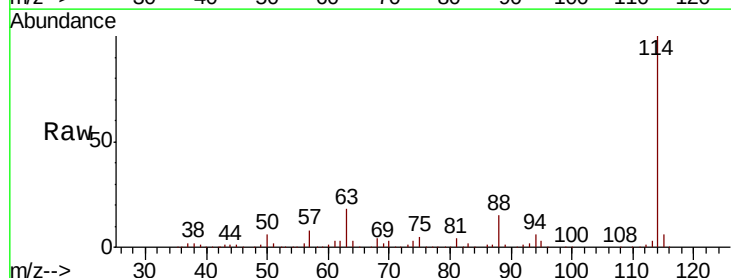
Tgt Ion: 114 Resp: 278520

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.0

88 14.7 0.0 26.4



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

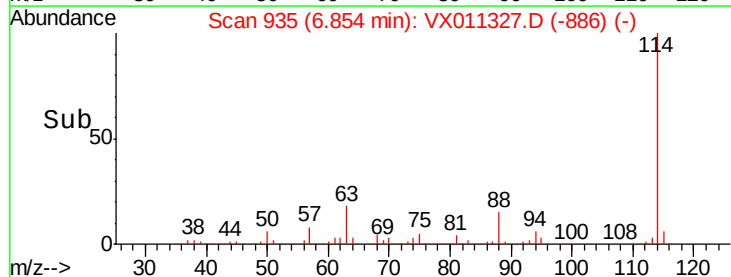
150000

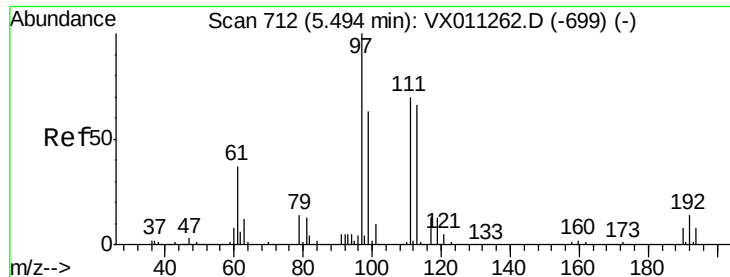
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 45.916 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011327.D

Acq: 05 Aug 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

2S-E1-(0-1)

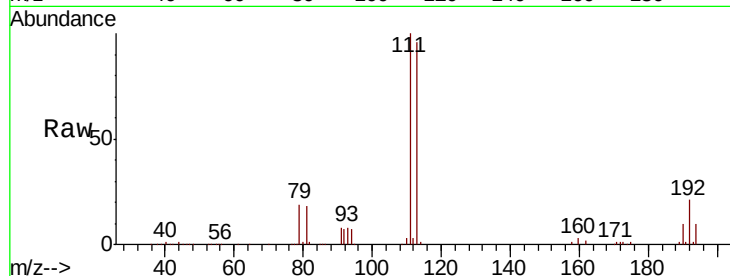
Tot Ion:113 Resp: 83494

Ion Ratio Lower Upper

113 100

111 103.2 81.9 122.9

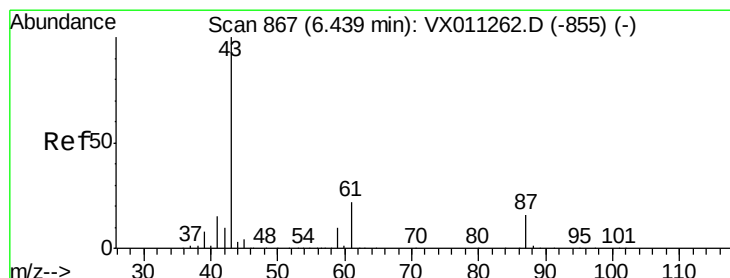
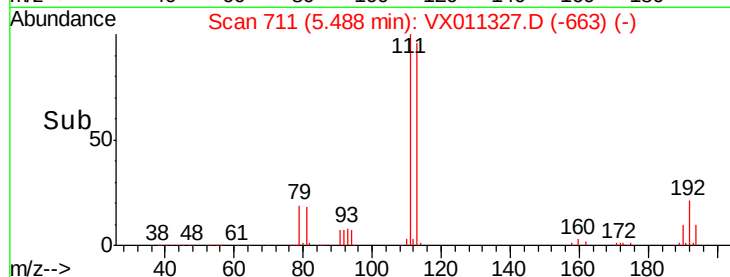
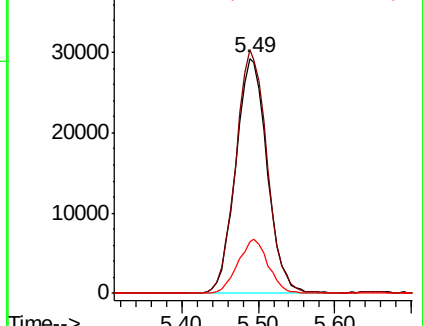
192 22.0 17.8 26.8



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: 2.164 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011327.D

Acq: 05 Aug 2019 15:40

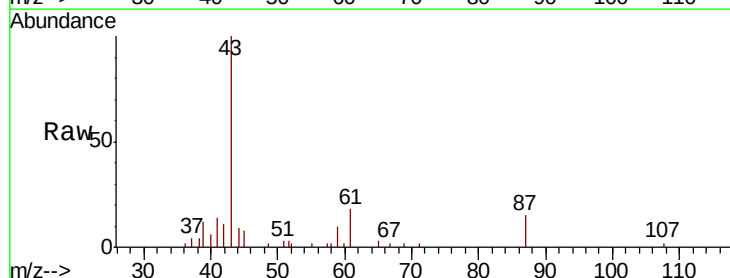
Tgt Ion: 43 Resp: 8438

Ion Ratio Lower Upper

43 100

61 23.2 16.5 24.7

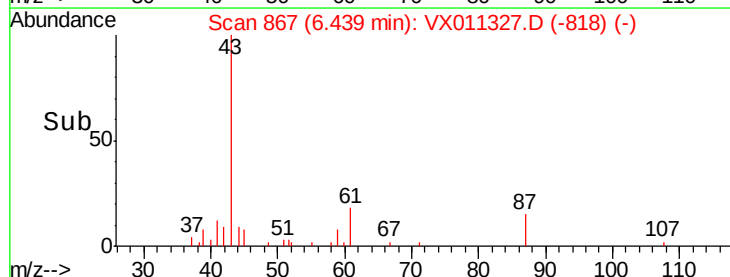
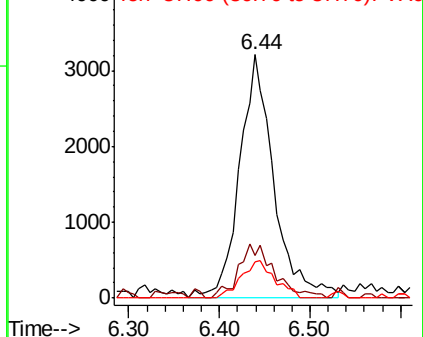
87 15.1 12.1 18.1

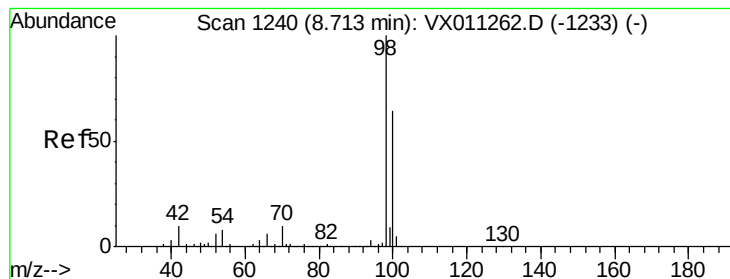


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 48.348 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011327.D

Acq: 05 Aug 2019 15:40

Instrument :

MSVOA_X

ClientSampleId :

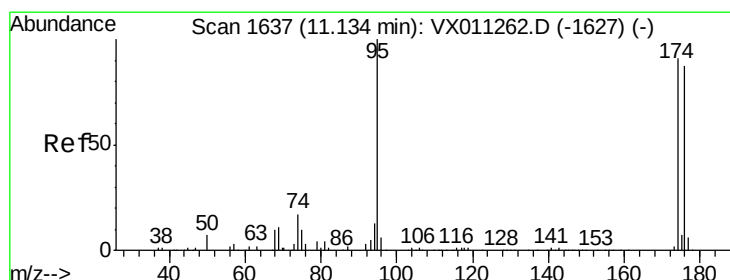
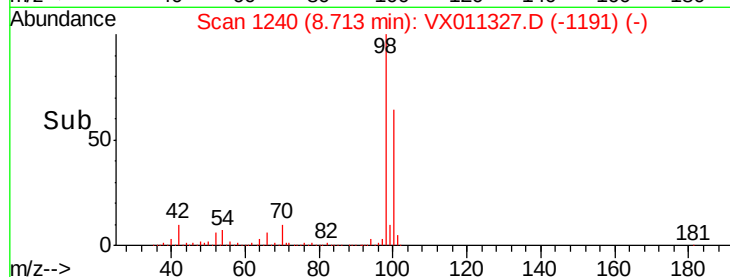
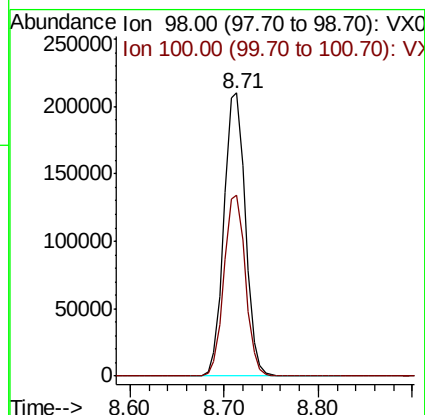
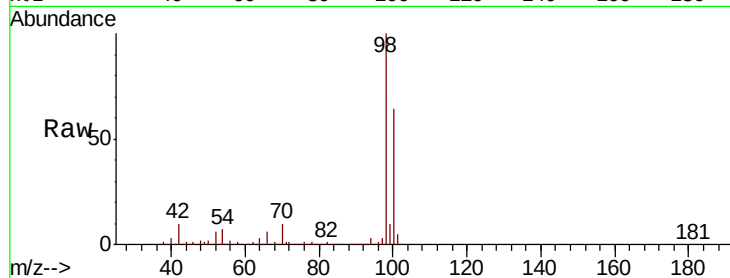
2S-E1-(0-1)

Tot Ion: 98 Resp: 331853

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 42.334 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011327.D

Acq: 05 Aug 2019 15:40

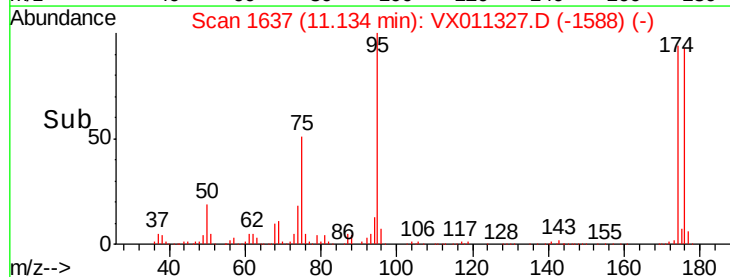
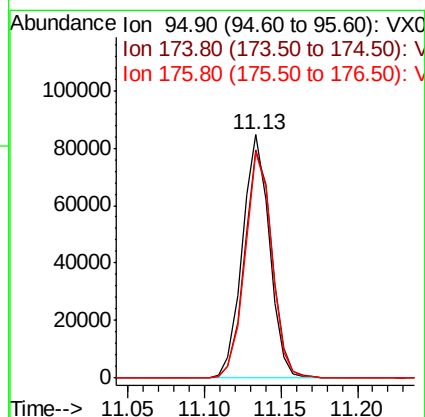
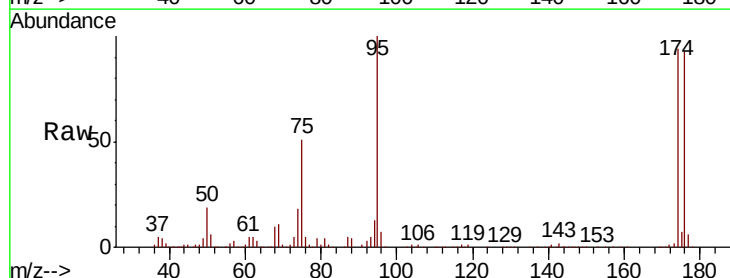
Tgt Ion: 95 Resp: 103743

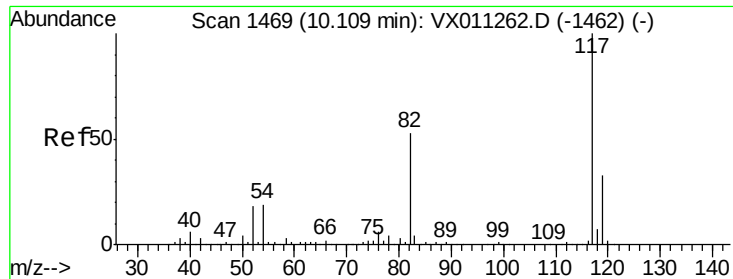
Ion Ratio Lower Upper

95 100

174 94.8 0.0 191.2

176 92.3 0.0 184.8

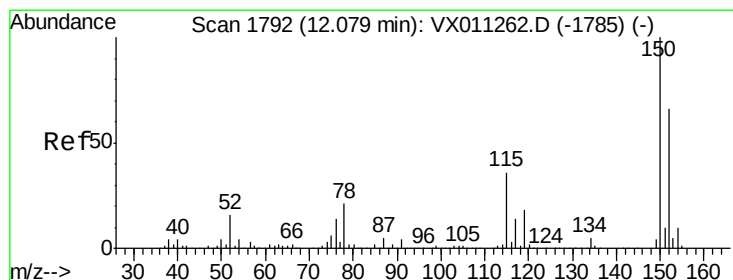
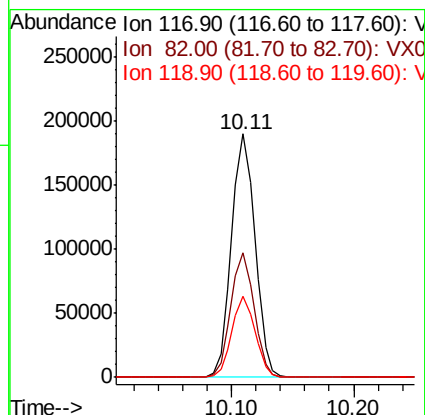
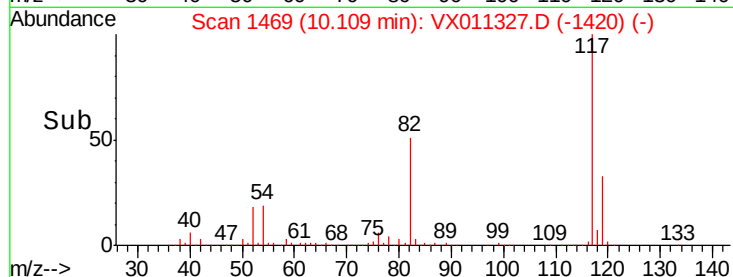
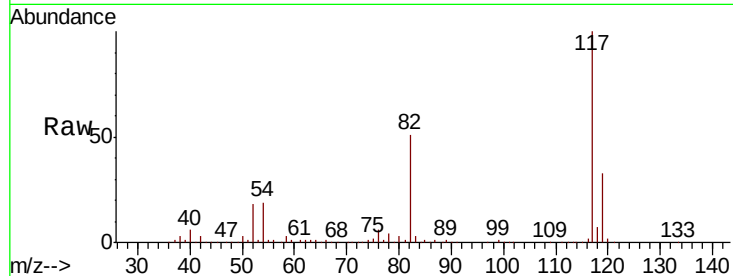




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011327.D
Acq: 05 Aug 2019 15:40

Instrument :
MSVOA_X
ClientSampled :
2S-E1-(0-1)

Tot Ion:117 Resp: 253586
Ion Ratio Lower Upper
117 100
82 51.0 42.2 63.2
119 33.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX011327.D
Acq: 05 Aug 2019 15:40

Tgt Ion:152 Resp: 112780
Ion Ratio Lower Upper
152 100
115 54.0 40.0 119.9
150 155.7 0.0 350.4

