

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082419\
 Data File : VX011820.D
 Acq On : 24 Aug 2019 15:52
 Operator : JC/SP
 Sample : K4472-40
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-S3(2.5)

Quant Time: Aug 26 04:30:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

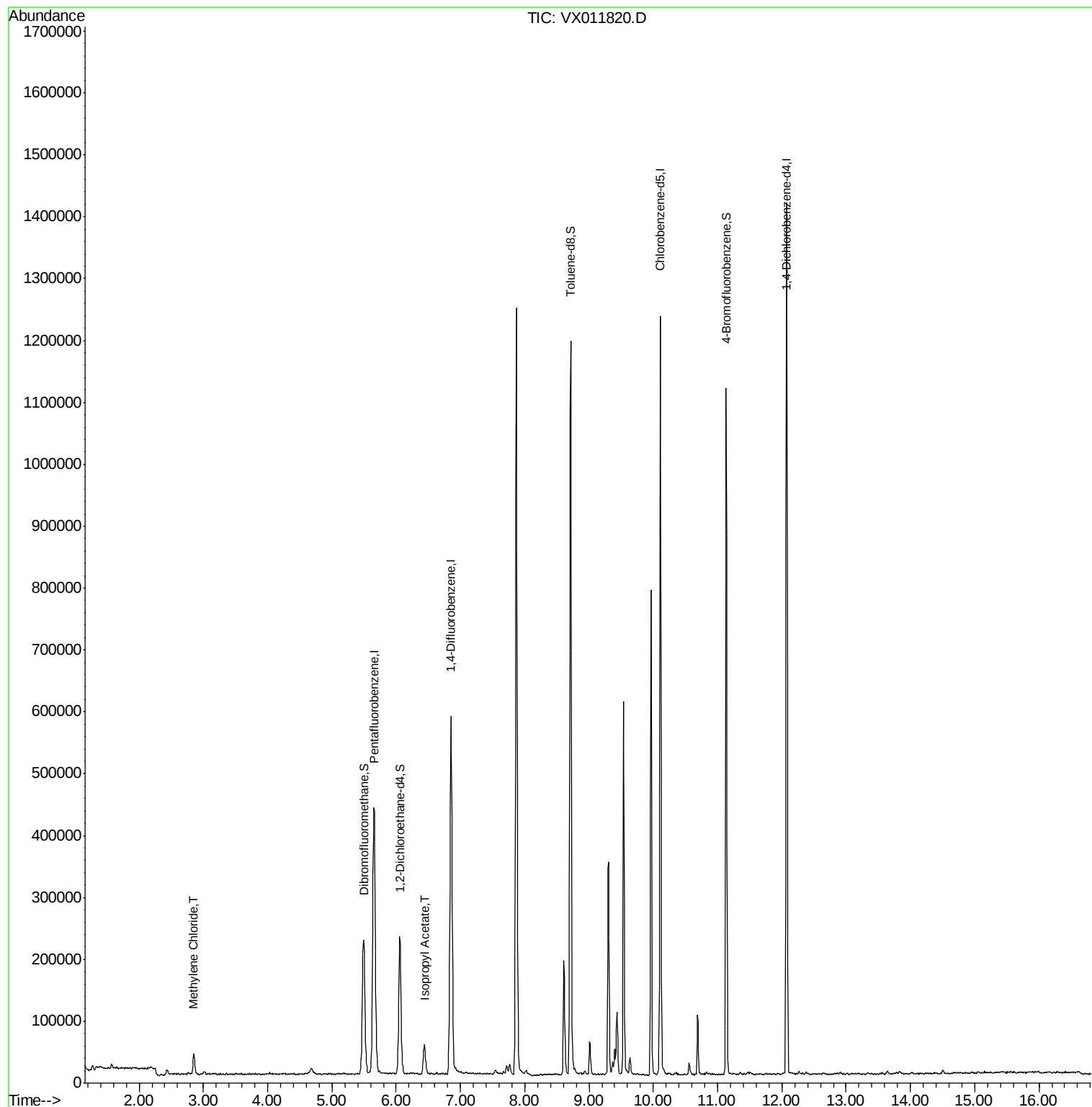
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	474886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	640958	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	590000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	322574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	213159	44.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.36%	
35) Dibromofluoromethane	5.49	113	188759	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
50) Toluene-d8	8.71	98	731063	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	11.13	95	271047	47.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.86%	
Target Compounds						
20) Methylene Chloride	2.85	84	16431	3.873	ug/l	99
43) Isopropyl Acetate	6.44	43	65569	7.616	ug/l	96

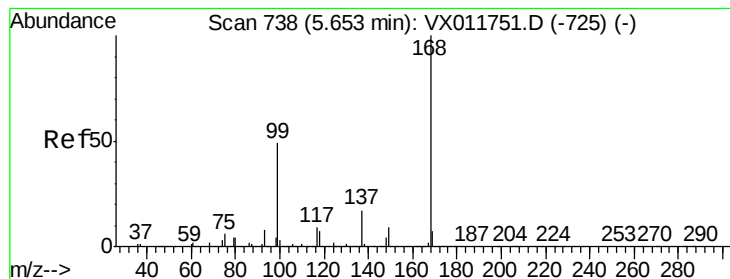
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011820.D

Acq: 24 Aug 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

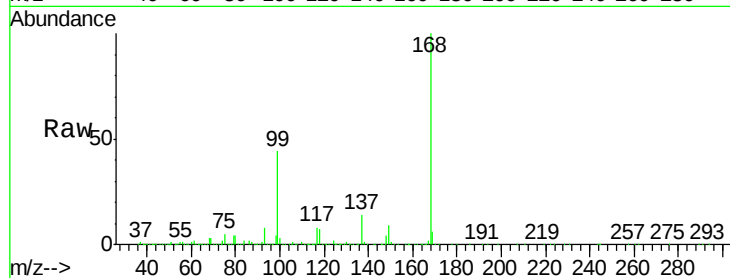
T6-S3(2.5)

Tot Ion:168 Resp: 474886

Ion Ratio Lower Upper

168 100

99 43.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

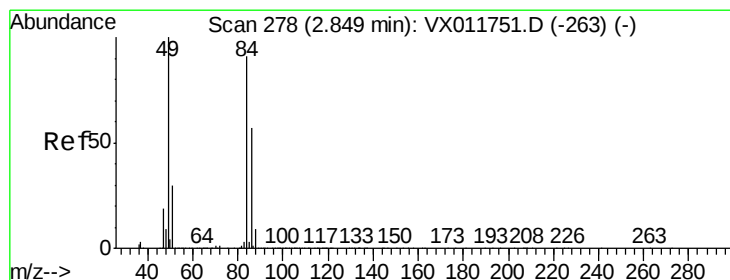
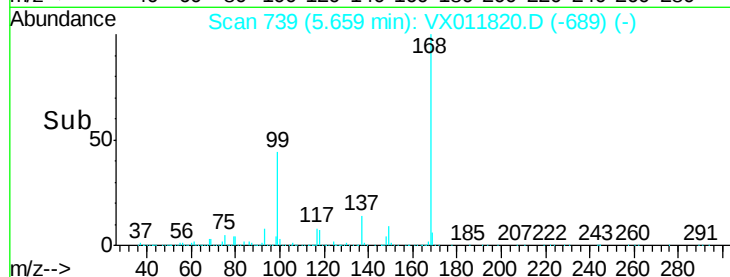
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 3.873 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011820.D

Acq: 24 Aug 2019 15:52

Tgt Ion: 84 Resp: 16431

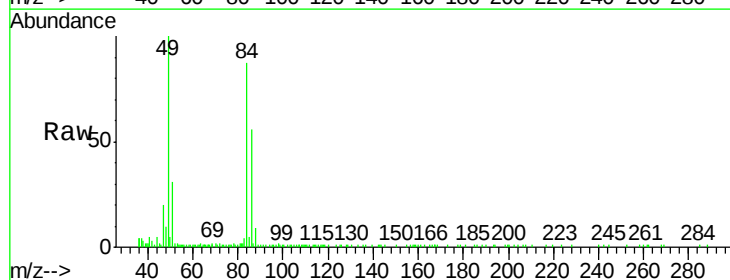
Ion Ratio Lower Upper

84 100

49 111.9 88.3 132.5

51 33.4 26.2 39.2

86 63.2 50.6 76.0



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

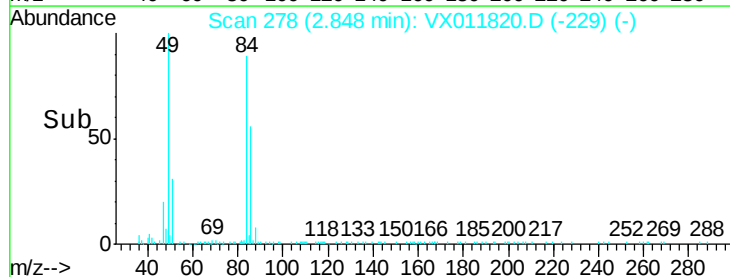
15000

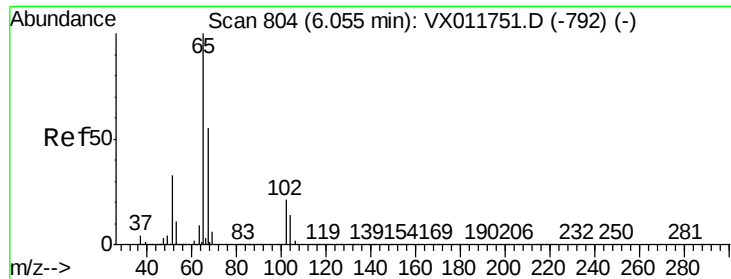
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 44.683 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011820.D

Acq: 24 Aug 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

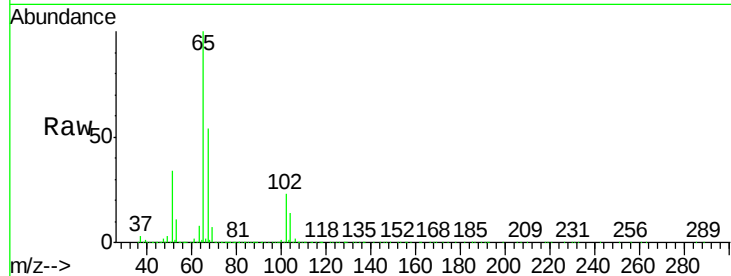
T6-S3(2.5)

Tot Ion: 65 Resp: 213159

Ion Ratio Lower Upper

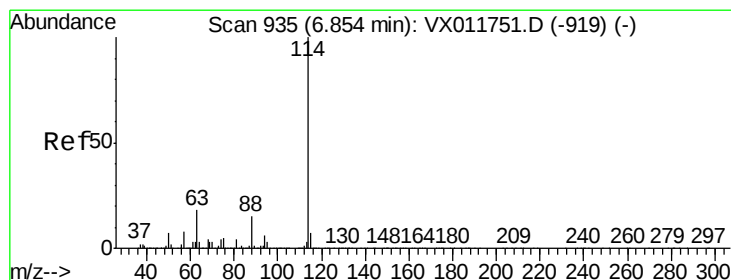
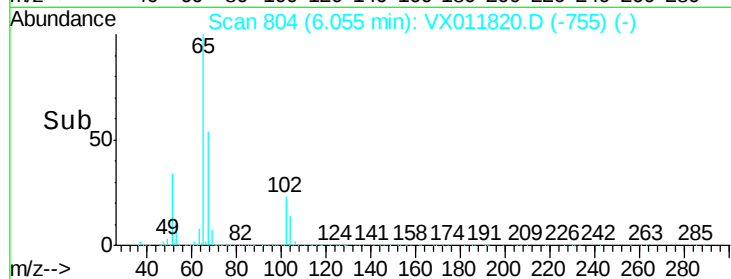
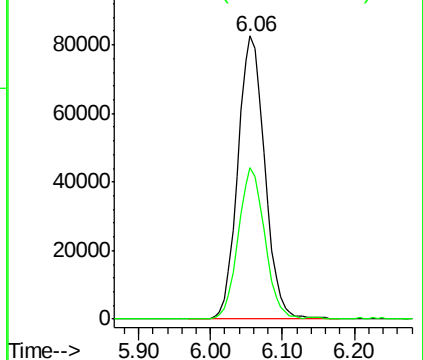
65 100

67 52.5 0.0 107.8



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: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011820.D

Acq: 24 Aug 2019 15:52

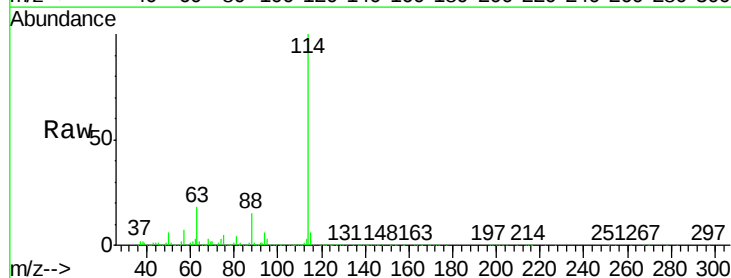
Tgt Ion: 114 Resp: 640958

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

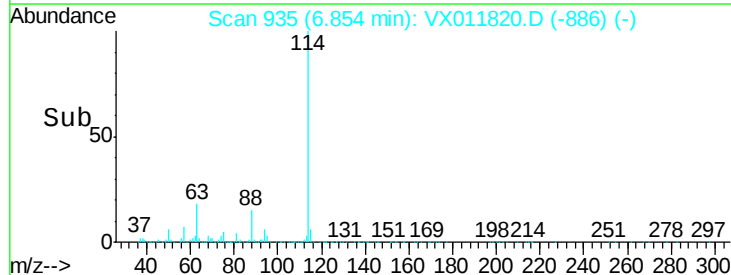
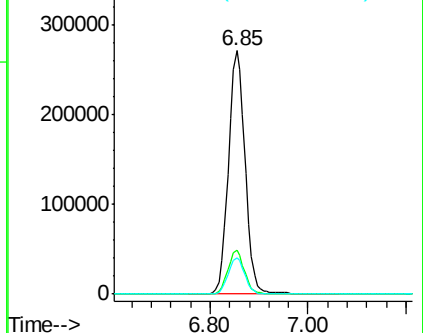
88 15.0 0.0 30.2

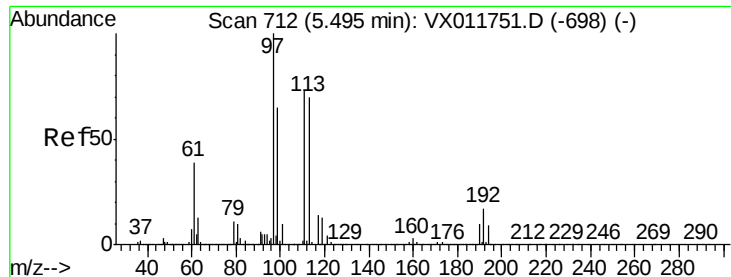


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.542 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011820.D

Acq: 24 Aug 2019 15:52

Instrument :

MSVOA_X

ClientSampleId :

T6-S3(2.5)

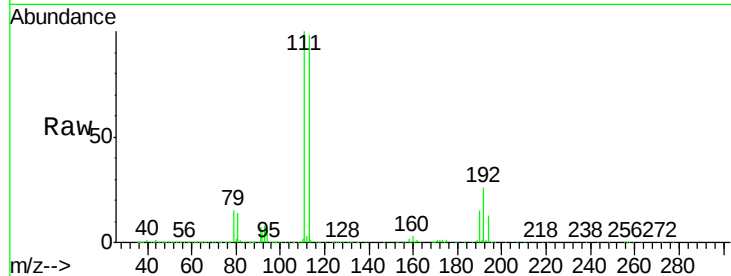
Tot Ion:113 Resp: 188759

Ion Ratio Lower Upper

113 100

111 101.9 81.0 121.4

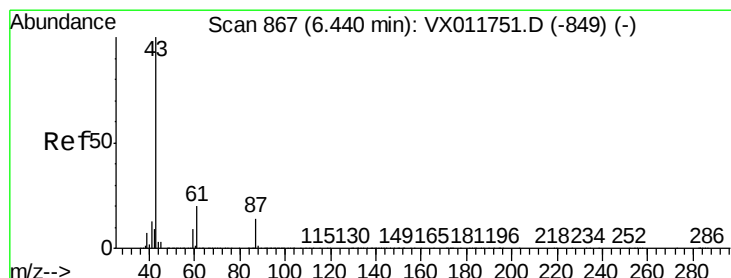
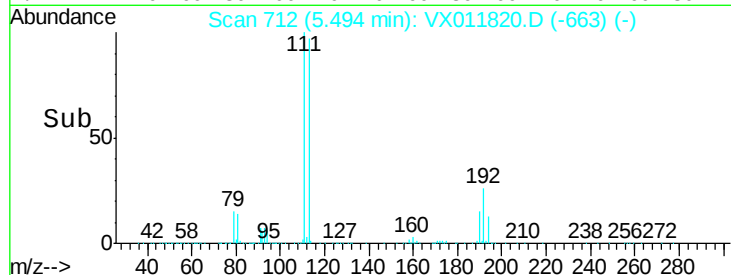
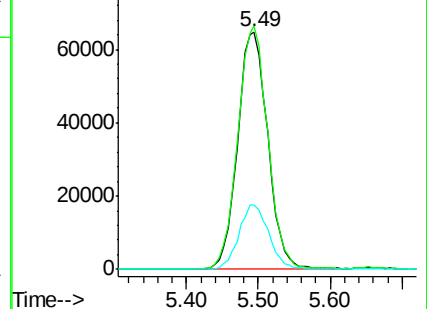
192 27.2 19.9 29.9



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



#43

Isopropyl Acetate

Concen: 7.616 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.00 min

Lab File: VX011820.D

Acq: 24 Aug 2019 15:52

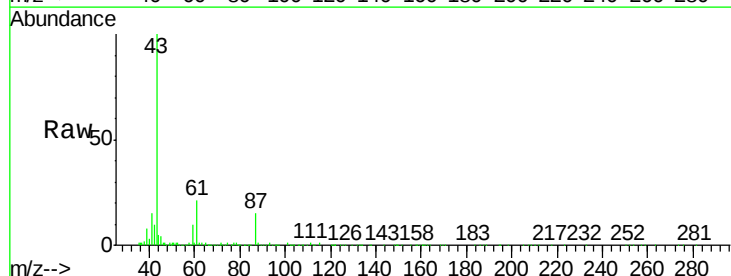
Tgt Ion: 43 Resp: 65569

Ion Ratio Lower Upper

43 100

61 22.5 16.2 24.2

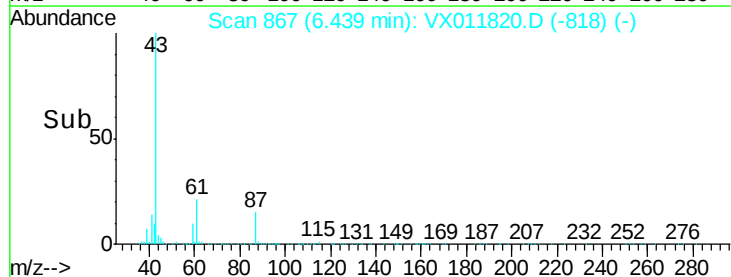
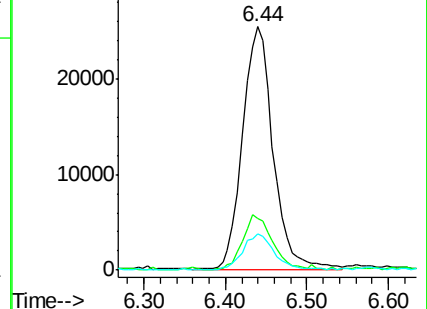
87 15.5 11.6 17.4

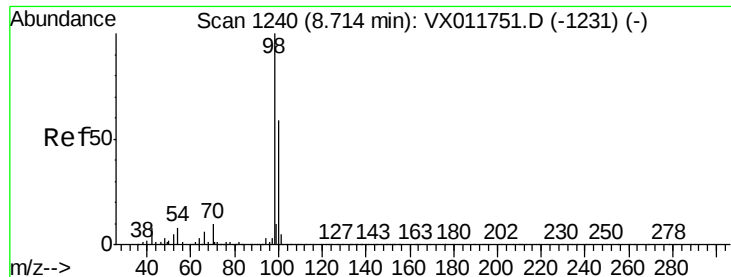


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

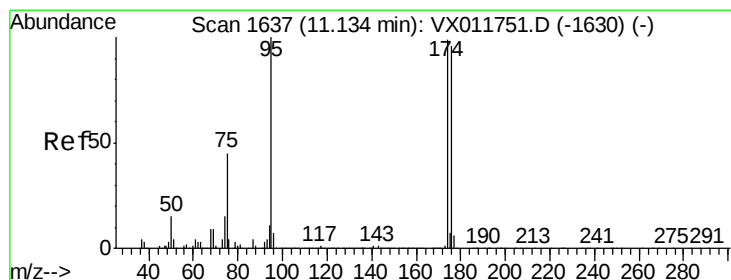
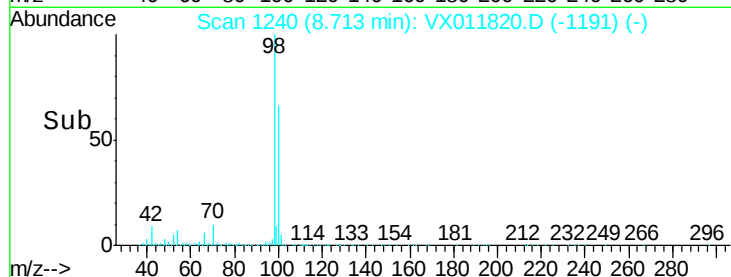
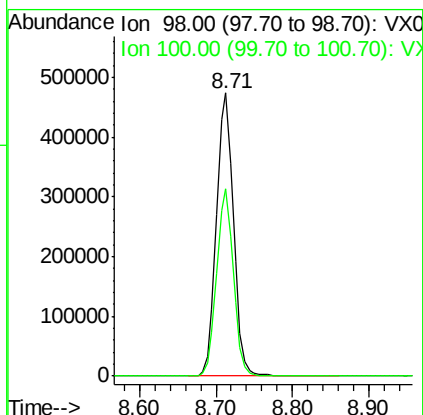
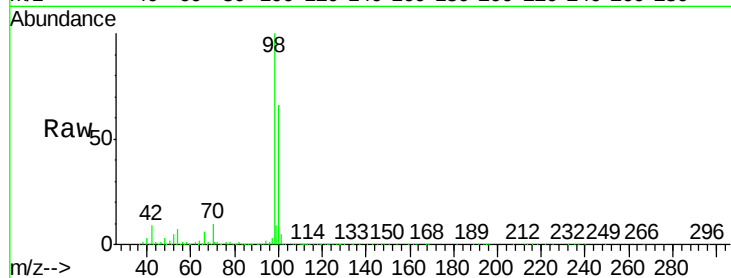




#50
Toluene-d8
Concen: 50.569 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011820.D
Acq: 24 Aug 2019 15:52

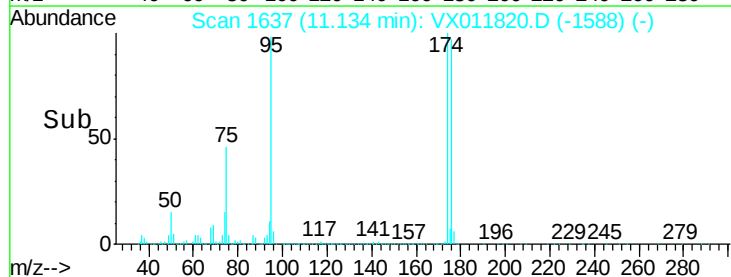
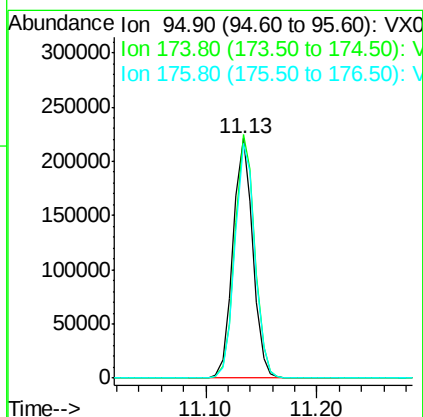
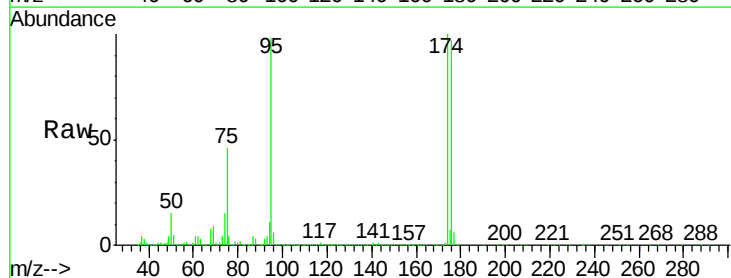
Instrument :
MSVOA_X
ClientSampleId :
T6-S3(2.5)

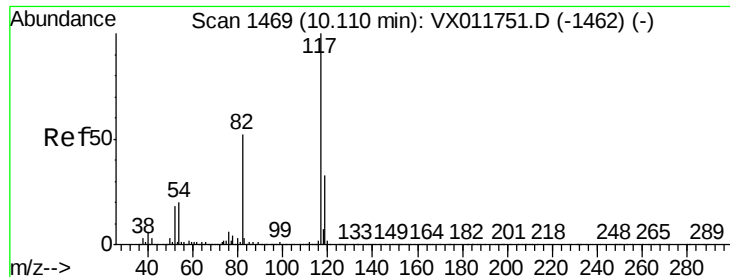
Tot Ion: 98 Resp: 731063
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.434 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011820.D
Acq: 24 Aug 2019 15:52

Tgt Ion: 95 Resp: 271047
Ion Ratio Lower Upper
95 100
174 102.4 0.0 197.4
176 99.2 0.0 194.4

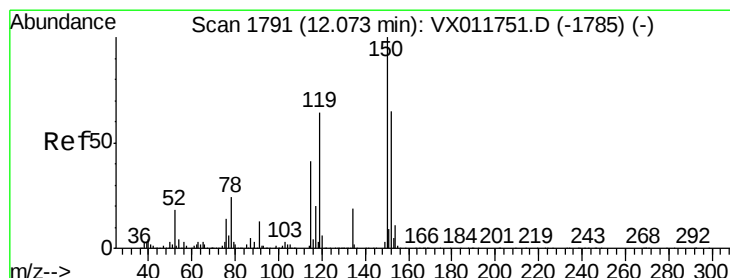
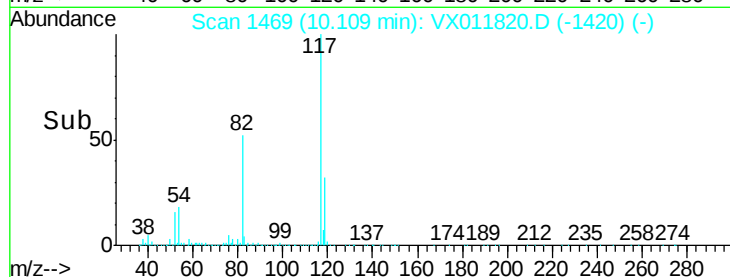
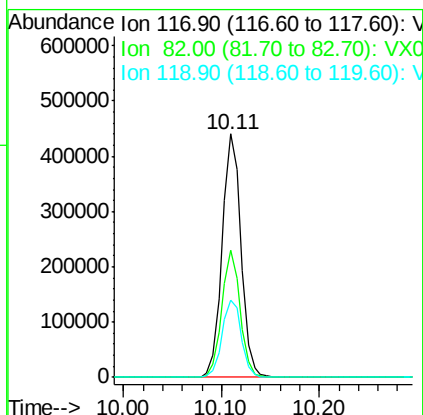
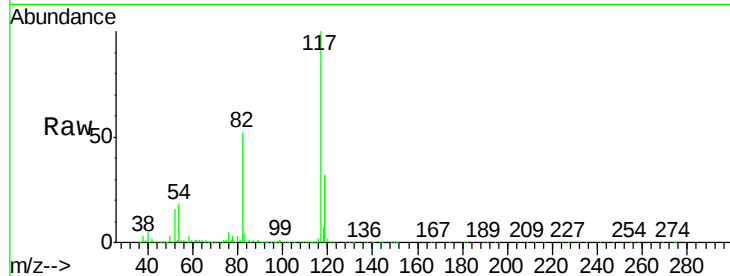




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011820.D
Acq: 24 Aug 2019 15:52

Instrument :
MSVOA_X
ClientSampleId :
T6-S3(2.5)

Tot Ion:117 Resp: 590000
Ion Ratio Lower Upper
117 100
82 52.0 41.7 62.5
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011820.D
Acq: 24 Aug 2019 15:52

Tgt Ion:152 Resp: 322574
Ion Ratio Lower Upper
152 100
115 52.0 37.3 111.8
150 155.6 0.0 343.0

