

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004705.D
 Acq On : 19 Sep 2018 14:59
 Operator : JC/MD
 Sample : J4939-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Sep 20 04:10:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	235799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	346704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171535	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	136511	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	
35) Dibromofluoromethane	5.51	113	130868	41.25	ug/l	0.00
Spiked Amount			Recovery	=	82.50%	
50) Toluene-d8	8.72	98	464552	43.66	ug/l	0.00
Spiked Amount			Recovery	=	87.32%	
62) 4-Bromofluorobenzene	11.14	95	162514	42.79	ug/l	0.00
Spiked Amount			Recovery	=	85.58%	

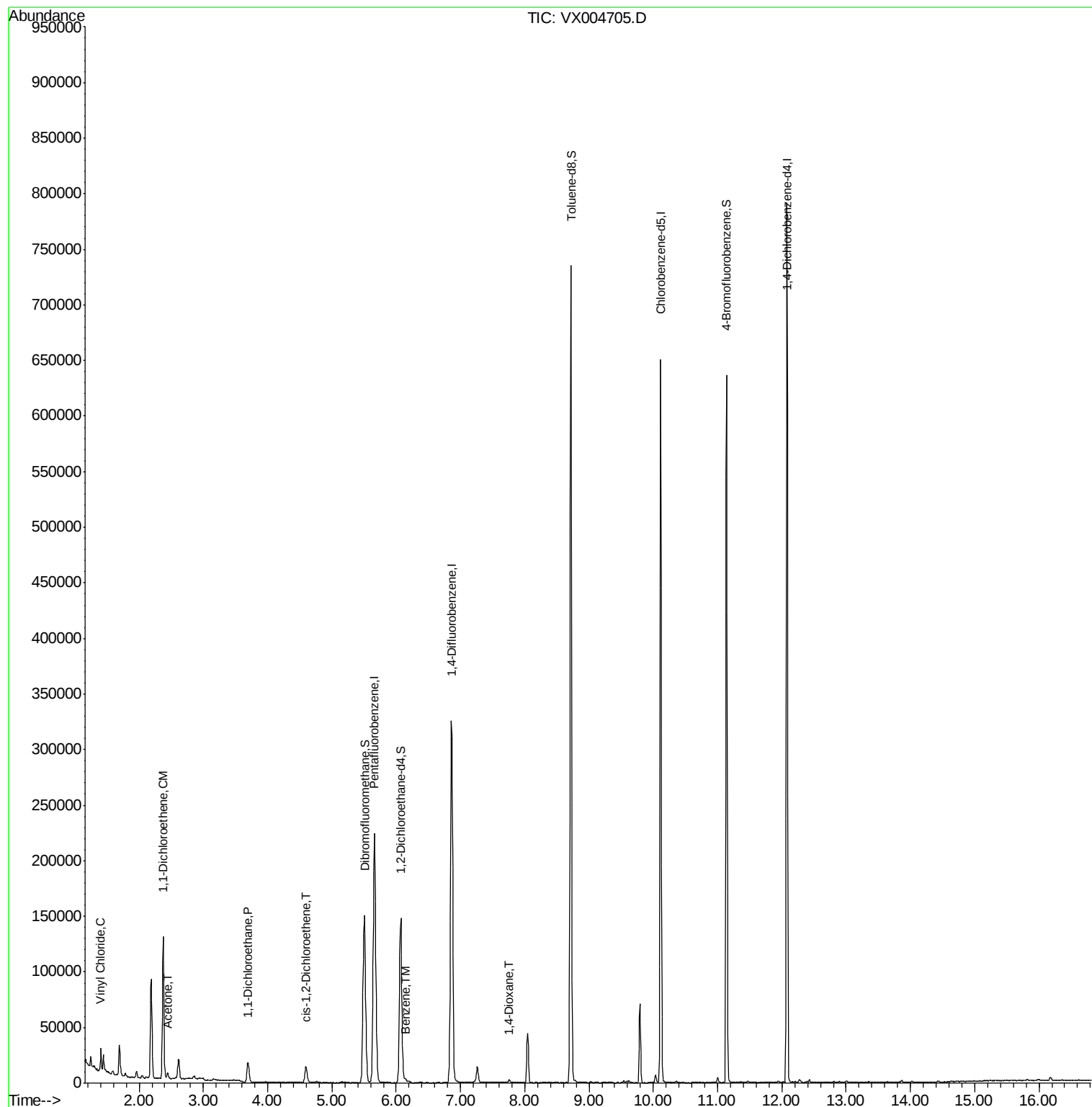
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	12881	4.13	ug/l	100
12) 1,1-Dichloroethene	2.37	96	45338	18.40	ug/l	98
16) Acetone	2.44	43	4871	3.28	ug/l	91
24) 1,1-Dichloroethane	3.69	63	20622	4.00	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	9853	3.24	ug/l	87
40) Benzene	6.15	78	3444	0.28	ug/l	93
49) 1,4-Dioxane	7.76	88	1686	22.64	ug/l	95

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004705.D

Acq: 19 Sep 2018 14:59

Instrument :

MSVOA_X

ClientSampled :

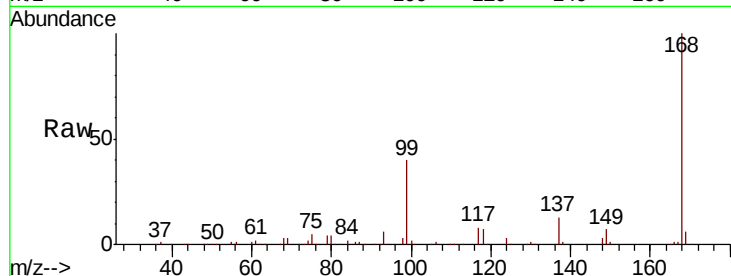
MW-3

Tot Ion:168 Resp: 235799

Ion Ratio Lower Upper

168 100

99 40.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

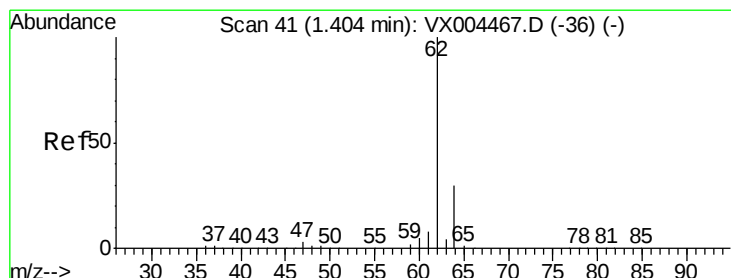
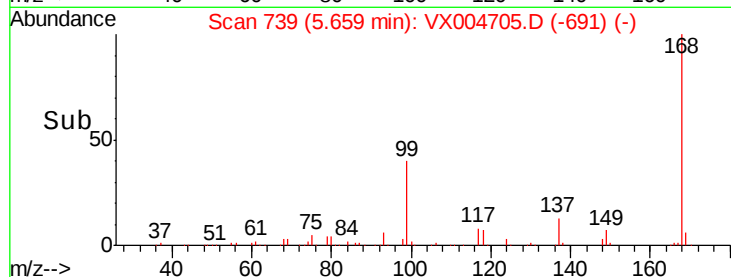
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 4.13 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004705.D

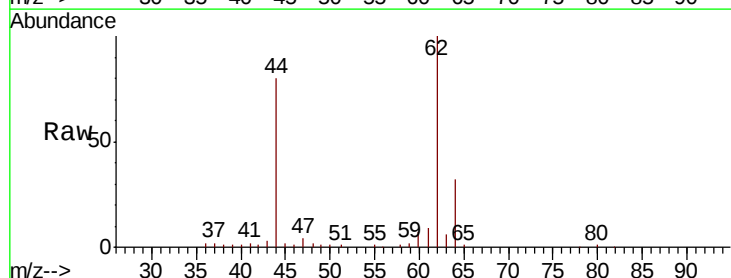
Acq: 19 Sep 2018 14:59

Tgt Ion: 62 Resp: 12881

Ion Ratio Lower Upper

62 100

64 32.5 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

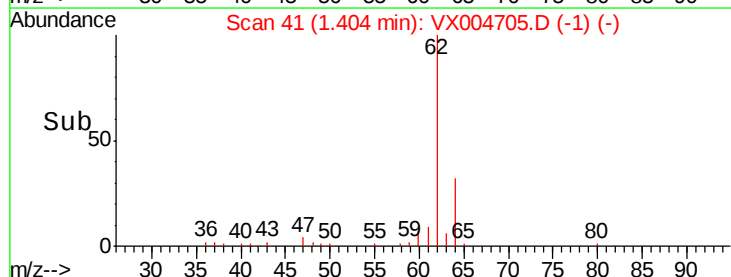
1.40

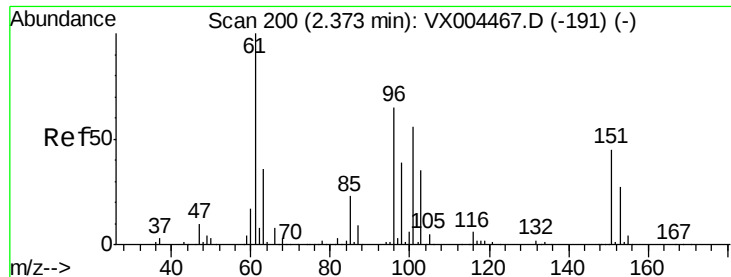
10000

5000

0

Time--> 1.35 1.40 1.45 1.50

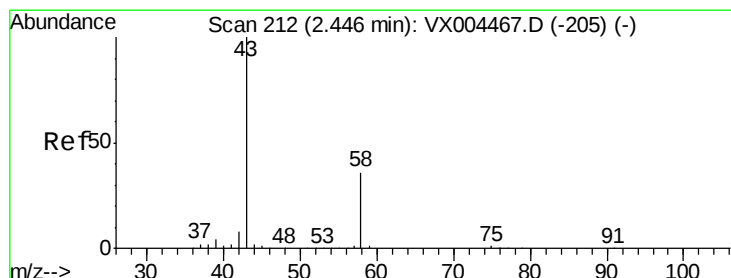
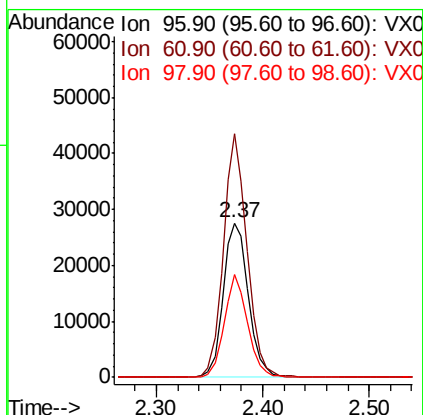
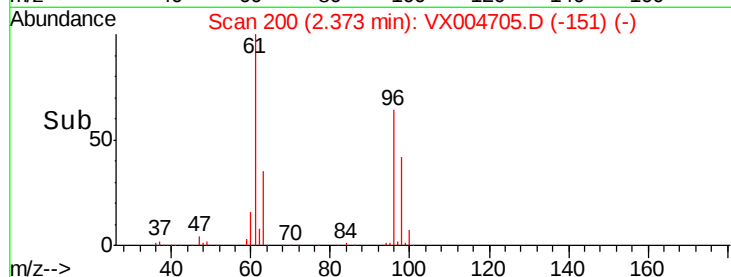
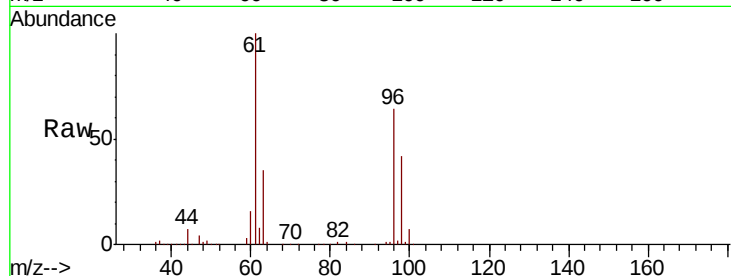




#12
 1,1-Dichloroethene
 Concen: 18.40 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX004705.D
 Acq: 19 Sep 2018 14:59

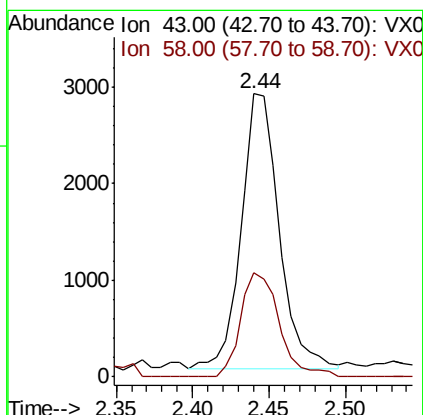
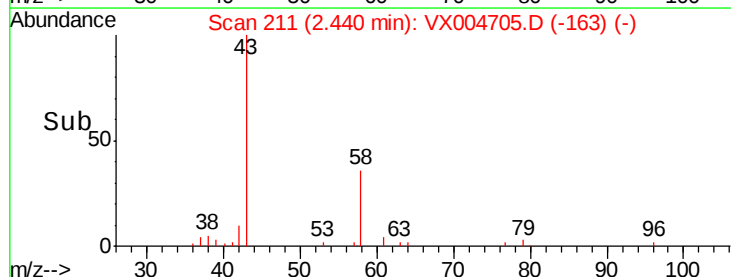
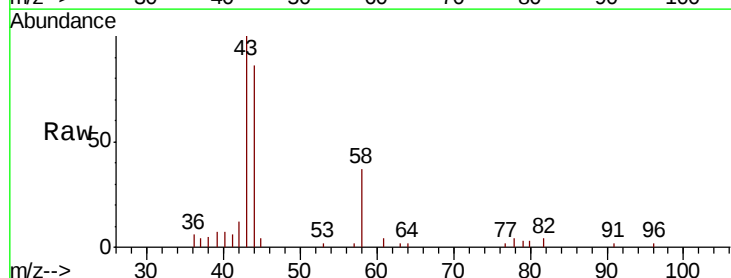
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

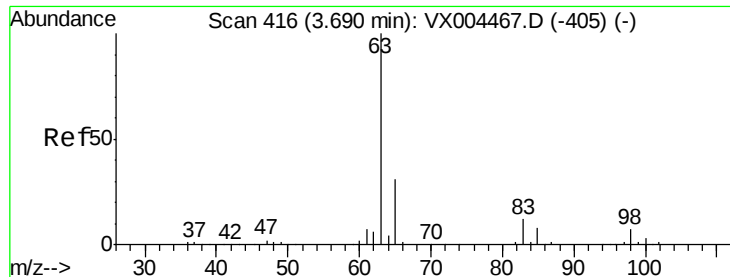
Tot Ion: 96 Resp: 45338
 Ion Ratio Lower Upper
 96 100
 61 157.5 128.8 193.2
 98 66.2 52.2 78.2



#16
 Acetone
 Concen: 3.28 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX004705.D
 Acq: 19 Sep 2018 14:59

Tgt Ion: 43 Resp: 4871
 Ion Ratio Lower Upper
 43 100
 58 37.8 26.2 39.4





#24

1,1-Dichloroethane

Concen: 4.00 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX004705.D

Acq: 19 Sep 2018 14:59

Instrument :

MSVOA_X

ClientSampleId :

MW-3

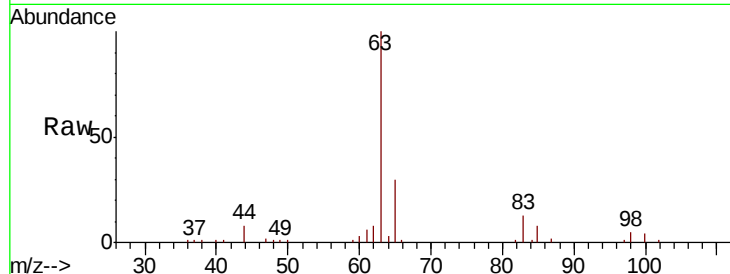
Tot Ion: 63 Resp: 20622

Ion Ratio Lower Upper

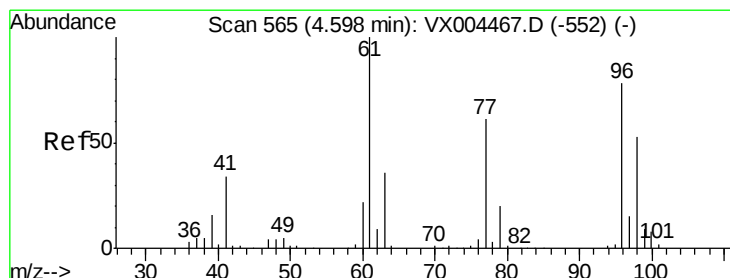
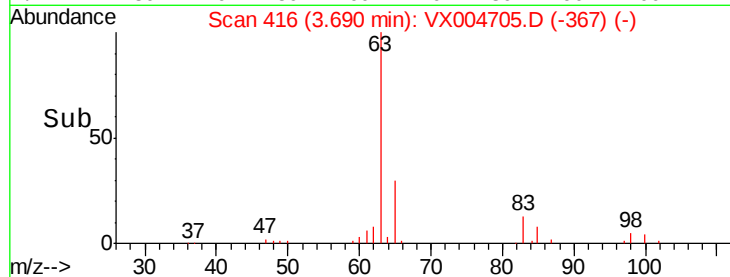
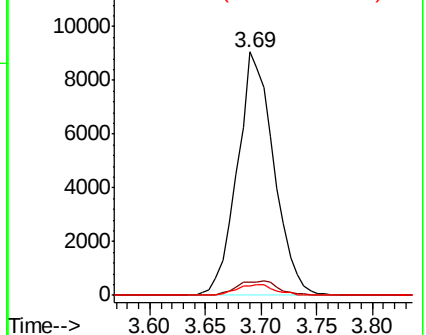
63 100

98 5.4 3.5 10.4

100 4.0 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 3.24 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004705.D

Acq: 19 Sep 2018 14:59

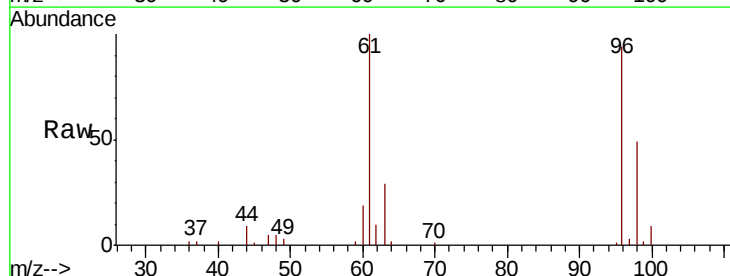
Tgt Ion: 96 Resp: 9853

Ion Ratio Lower Upper

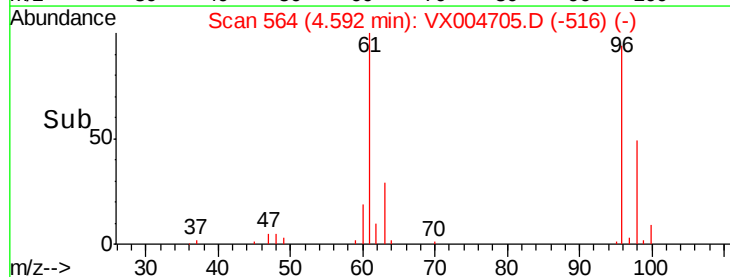
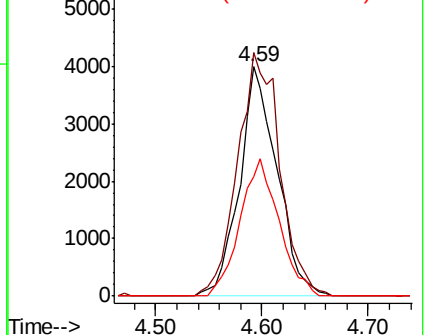
96 100

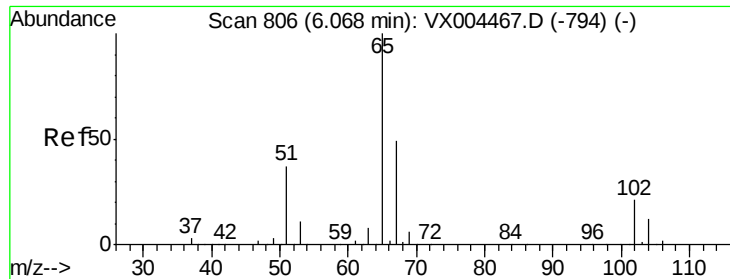
61 119.7 0.0 282.6

98 62.1 0.0 130.2



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: 44.90 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004705.D

Acq: 19 Sep 2018 14:59

Instrument :

MSVOA_X

ClientSampleId :

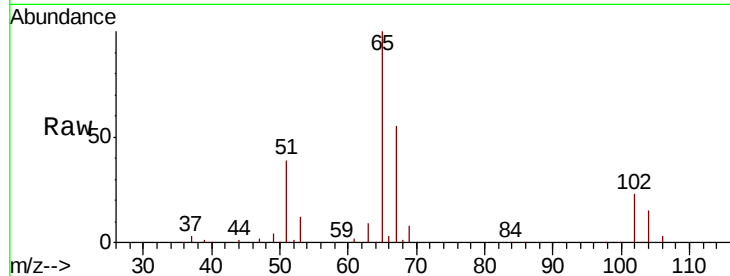
MW-3

Tot Ion: 65 Resp: 136511

Ion Ratio Lower Upper

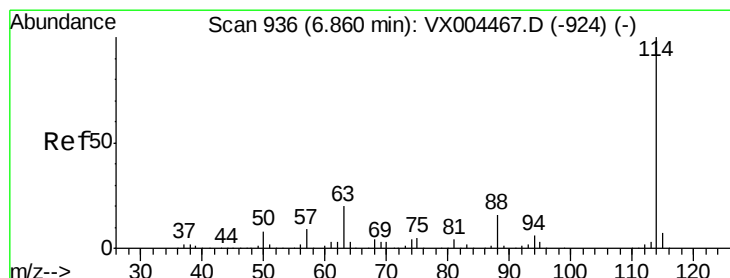
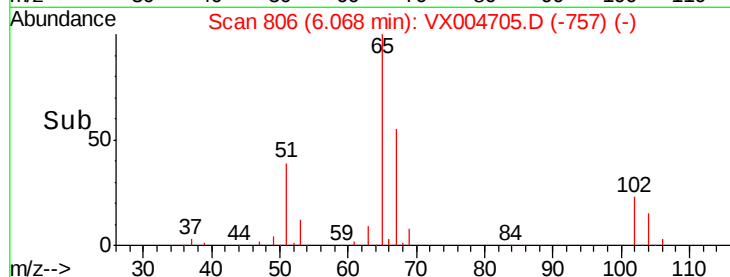
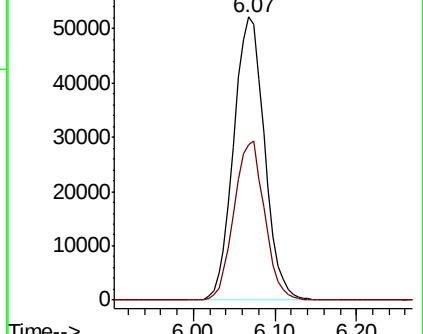
65 100

67 55.6 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX004705.D

Acq: 19 Sep 2018 14:59

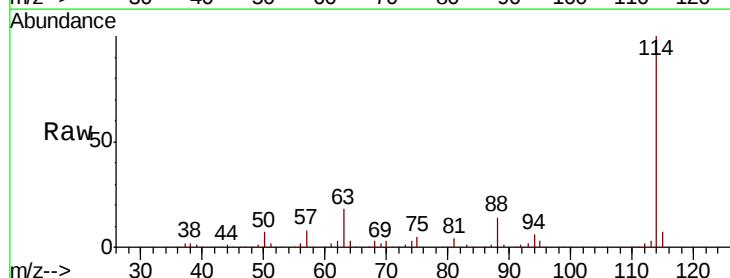
Tgt Ion: 114 Resp: 346704

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.0

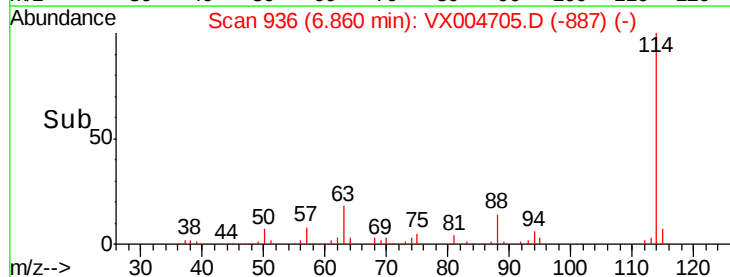
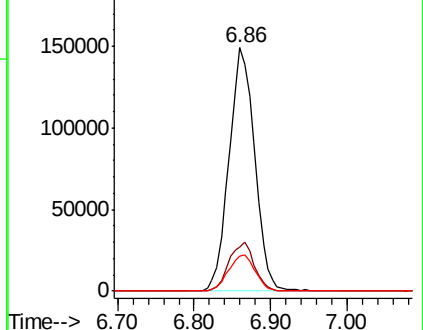
88 14.5 0.0 30.4

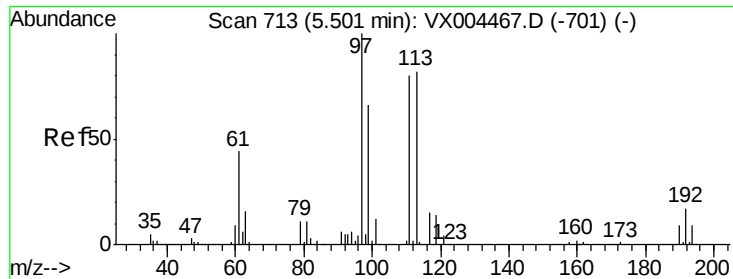


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

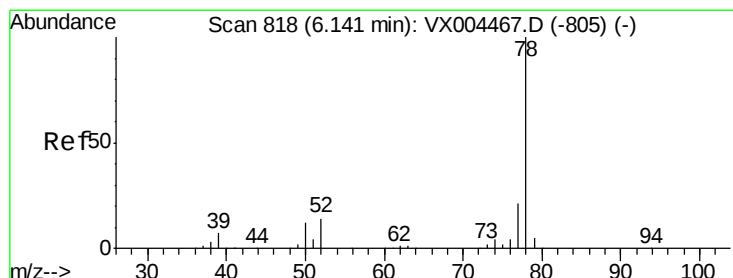
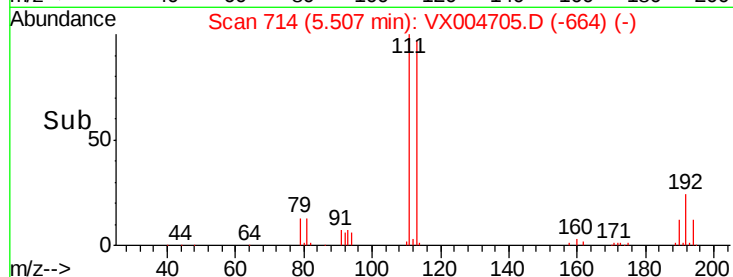
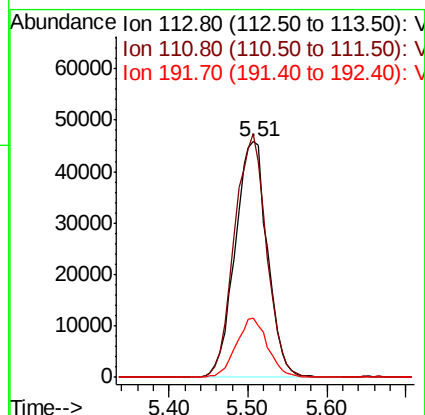
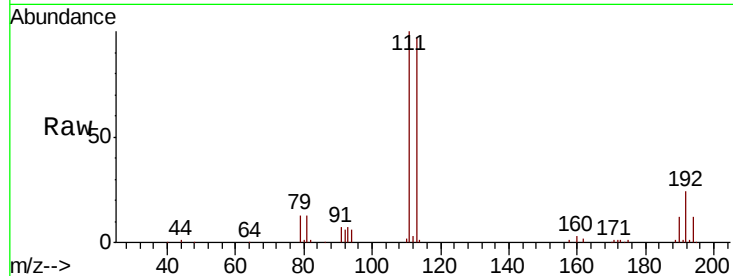




#35
 Dibromofluoromethane
 Concen: 41.25 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004705.D
 Acq: 19 Sep 2018 14:59

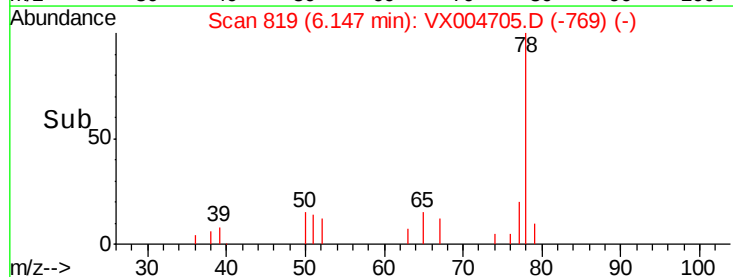
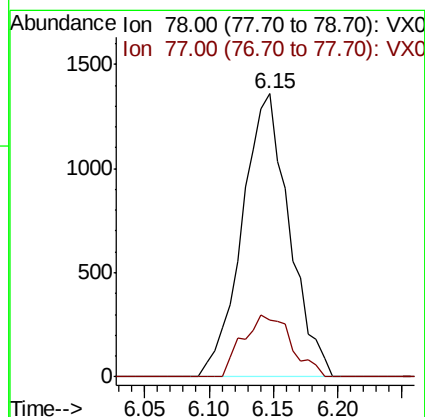
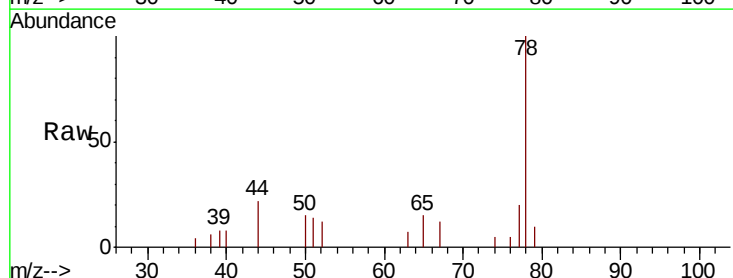
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

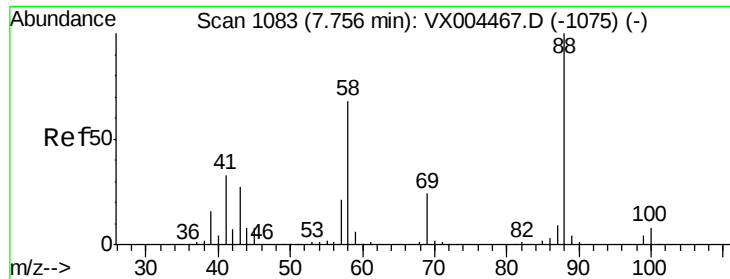
Tot Ion:113 Resp: 130868
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.4 123.6
 192 24.4 19.4 29.2



#40
 Benzene
 Concen: 0.28 ug/l
 RT: 6.15 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: VX004705.D
 Acq: 19 Sep 2018 14:59

Tgt Ion: 78 Resp: 3444
 Ion Ratio Lower Upper
 78 100
 77 20.2 19.0 28.4

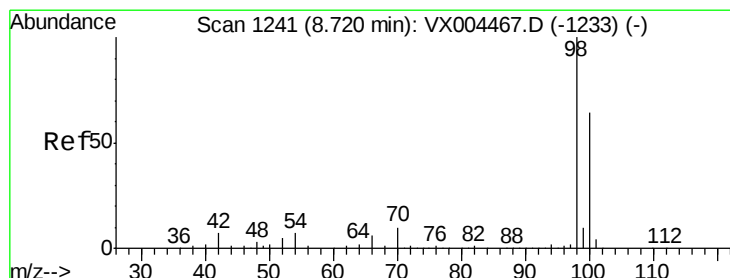
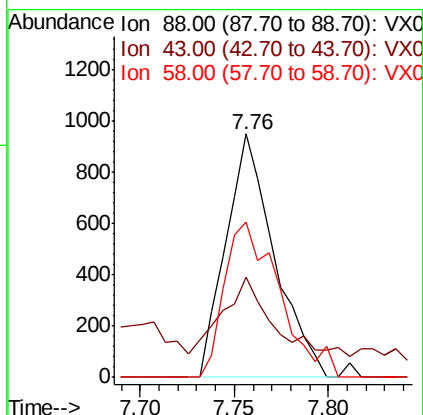
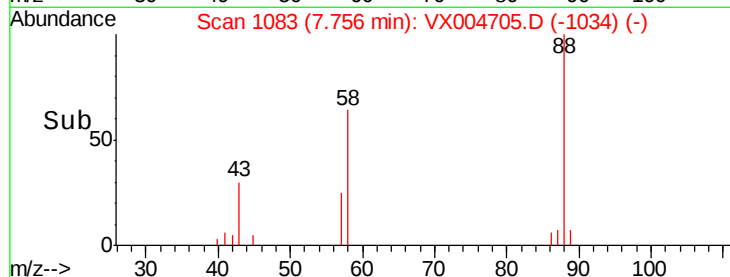
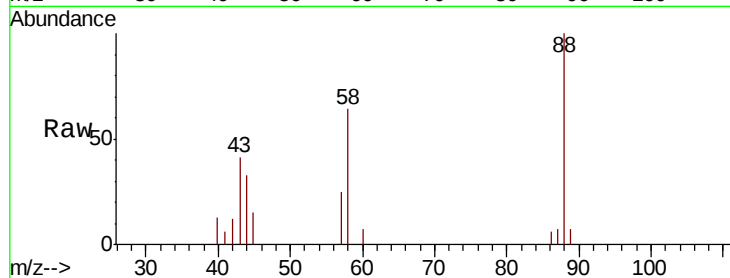




#49
1,4-Dioxane
Concen: 22.64 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004705.D
Acq: 19 Sep 2018 14:59

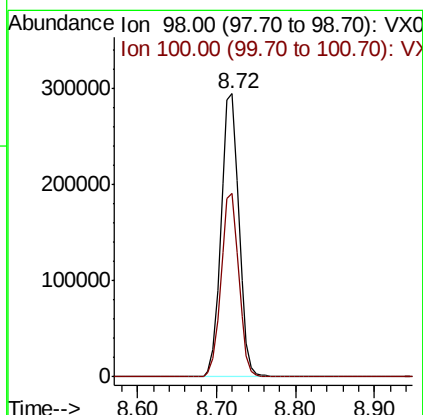
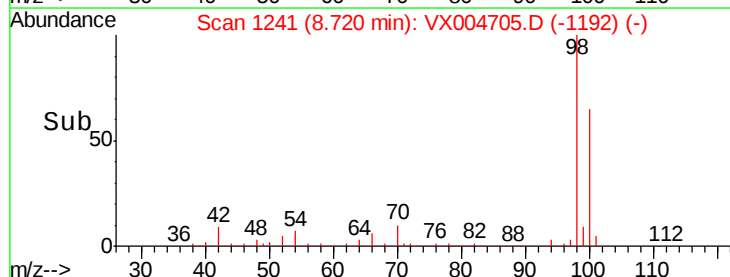
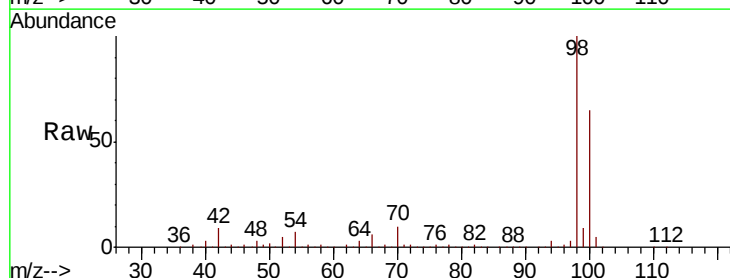
Instrument :
MSVOA_X
ClientSampled :
MW-3

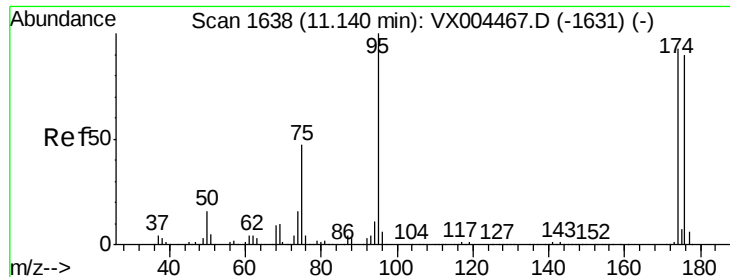
Tot Ion: 88 Resp: 1686
Ion Ratio Lower Upper
88 100
43 33.8 24.7 37.1
58 72.7 55.3 82.9



#50
Toluene-d8
Concen: 43.66 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004705.D
Acq: 19 Sep 2018 14:59

Tgt Ion: 98 Resp: 464552
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3

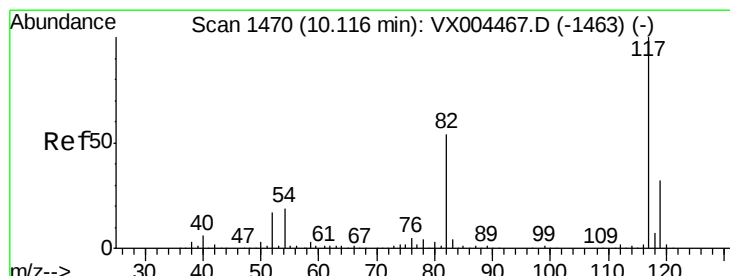
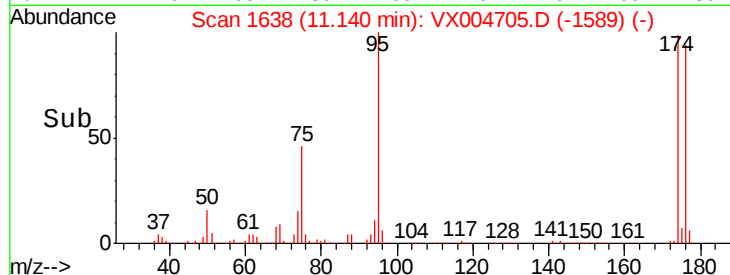
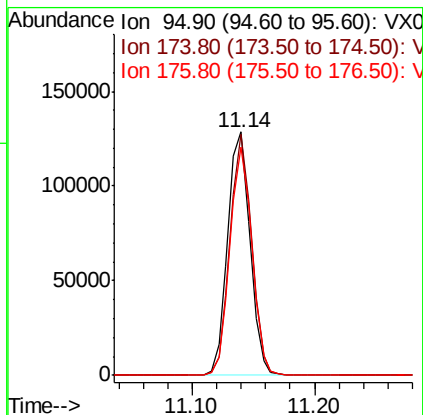
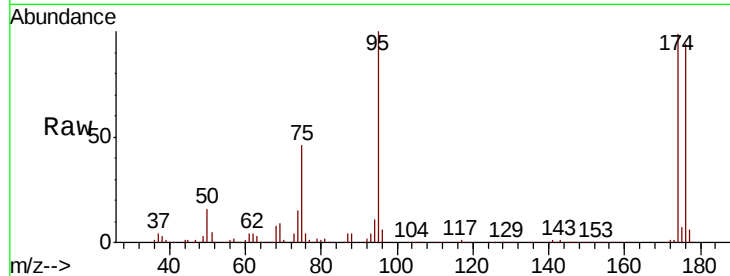




#62
4-Bromofluorobenzene
Concen: 42.79 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004705.D
Acq: 19 Sep 2018 14:59

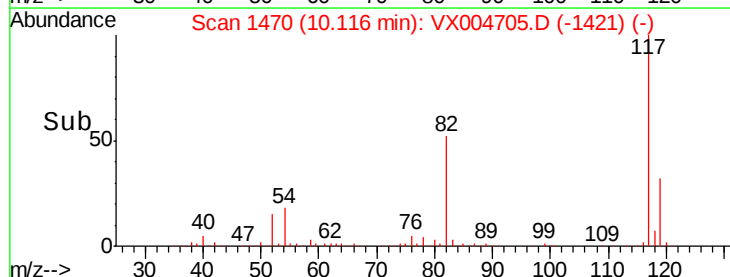
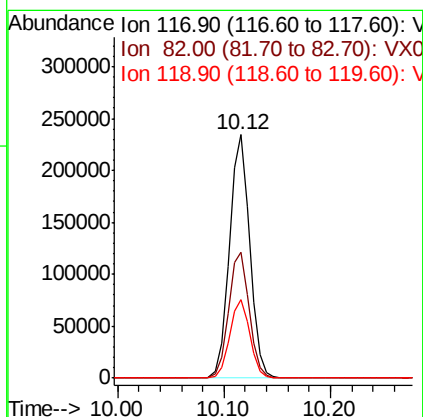
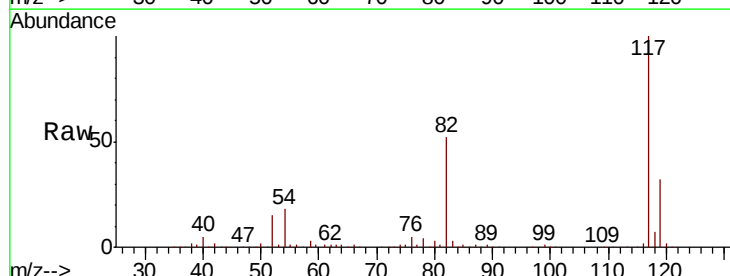
Instrument :
MSVOA_X
ClientSampleId :
MW-3

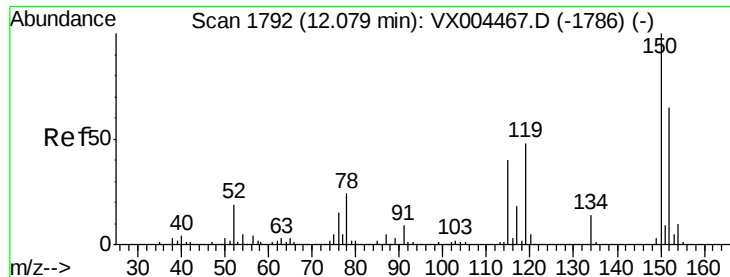
Tot Ion: 95 Resp: 162514
Ion Ratio Lower Upper
95 100
174 95.4 0.0 185.2
176 91.9 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004705.D
Acq: 19 Sep 2018 14:59

Tgt Ion: 117 Resp: 313479
Ion Ratio Lower Upper
117 100
82 51.8 47.8 71.6
119 32.3 29.3 43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004705.D

Acq: 19 Sep 2018 14:59

Instrument :

MSVOA_X

ClientSampleId :

MW-3

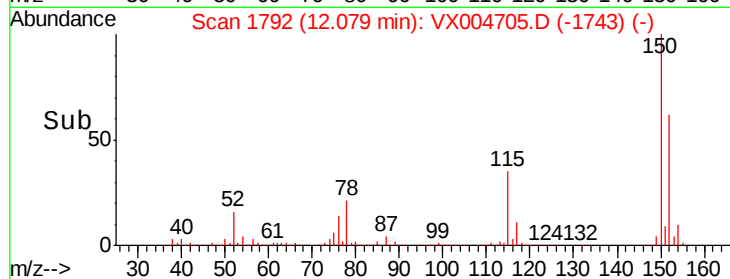
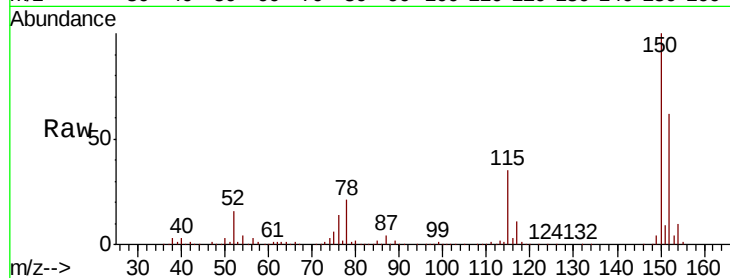
Tot Ion:152 Resp: 171535

Ion Ratio Lower Upper

152 100

115 54.5 39.0 117.0

150 157.5 0.0 351.0



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

