

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012745.D
 Acq On : 01 Oct 2019 19:55
 Operator : JC/SP
 Sample : K5110-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Oct 02 05:56:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

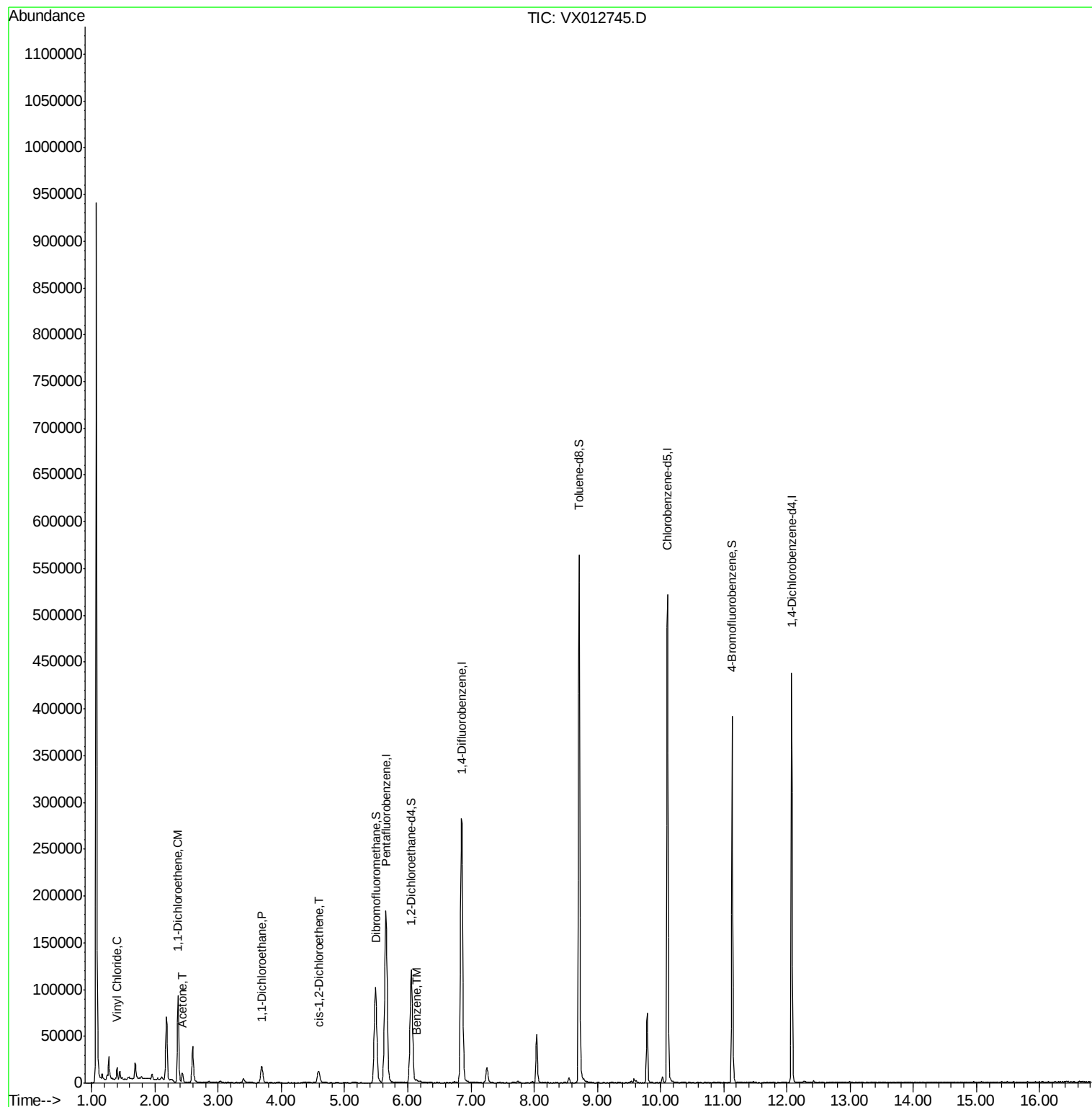
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	285356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	85102	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117471	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
35) Dibromofluoromethane	5.49	113	88561	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
50) Toluene-d8	8.71	98	342734	52.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.74%	
62) 4-Bromofluorobenzene	11.14	95	109252	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	7560	3.636	ug/l	93
12) 1,1-Dichloroethene	2.36	96	30457	17.493	ug/l	99
16) Acetone	2.43	43	10530	8.431	ug/l	99
24) 1,1-Dichloroethane	3.69	63	19776	5.451	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	7753	3.464	ug/l	91
40) Benzene	6.14	78	3118	0.385	ug/l	96

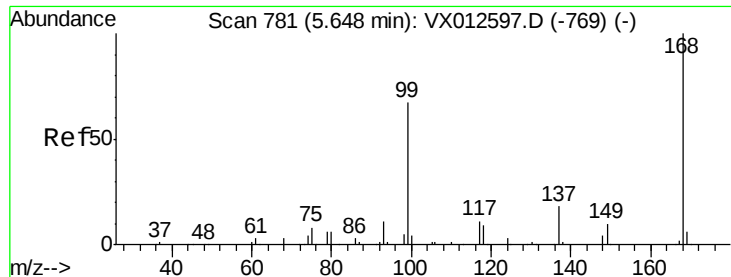
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
MW-3

Quant Time: Oct 02 05:56:11 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012745.D

Acq: 01 Oct 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

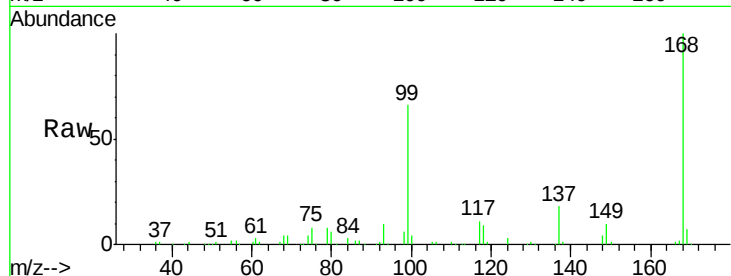
MW-3

Tot Ion:168 Resp: 161932

Ion Ratio Lower Upper

168 100

99 65.8 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

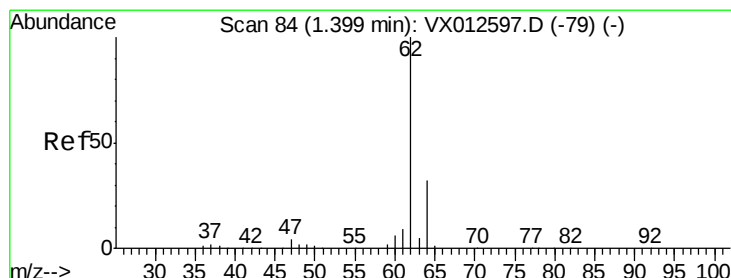
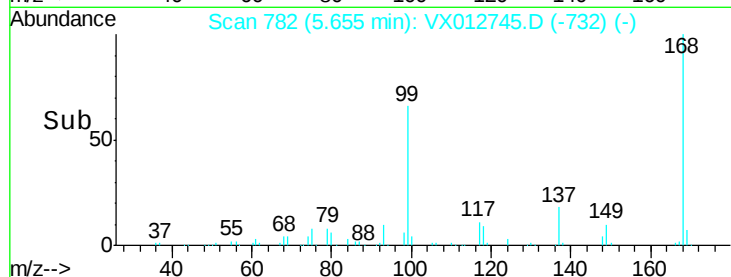
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 3.636 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012745.D

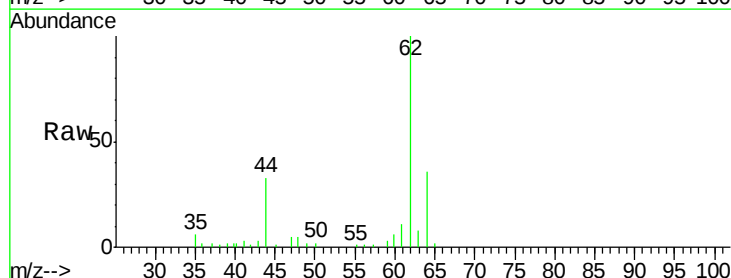
Acq: 01 Oct 2019 19:55

Tgt Ion: 62 Resp: 7560

Ion Ratio Lower Upper

62 100

64 34.1 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

8000

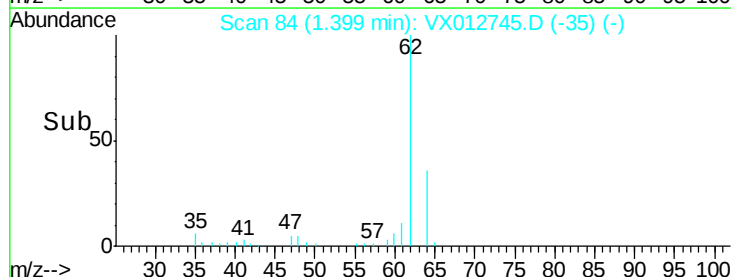
6000

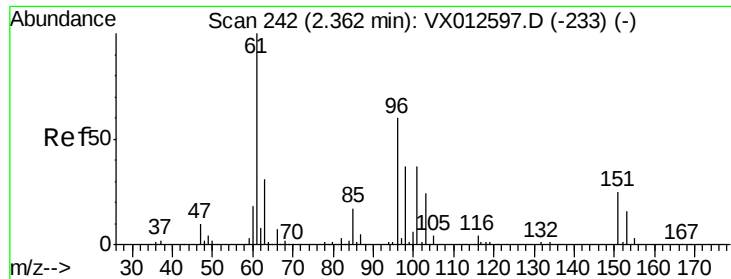
4000

2000

0

Time--> 1.35 1.40 1.45





#12

1,1-Dichloroethene

Concen: 17.493 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX012745.D

Acq: 01 Oct 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

MW-3

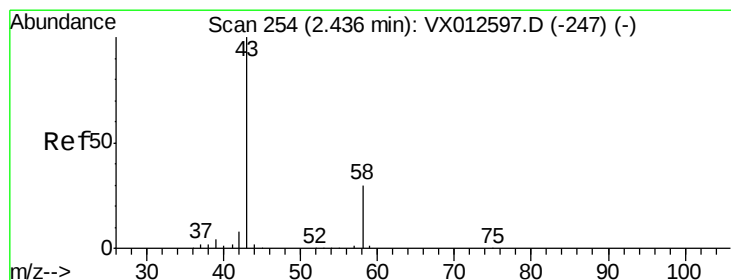
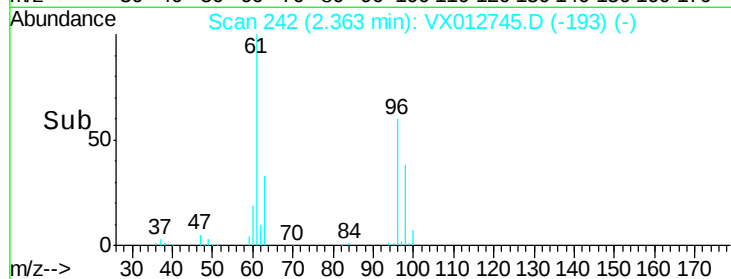
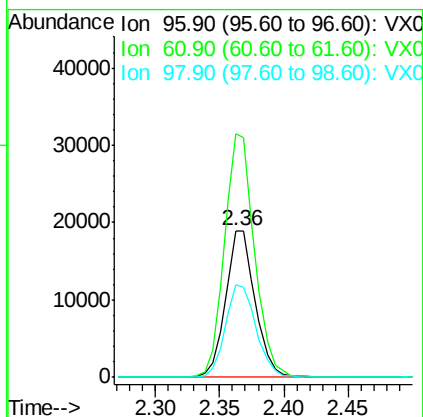
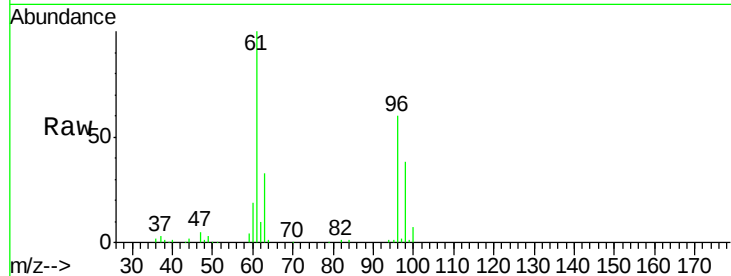
Tot Ion: 96 Resp: 30457

Ion Ratio Lower Upper

96 100

61 165.8 133.8 200.6

98 63.0 49.9 74.9



#16

Acetone

Concen: 8.431 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012745.D

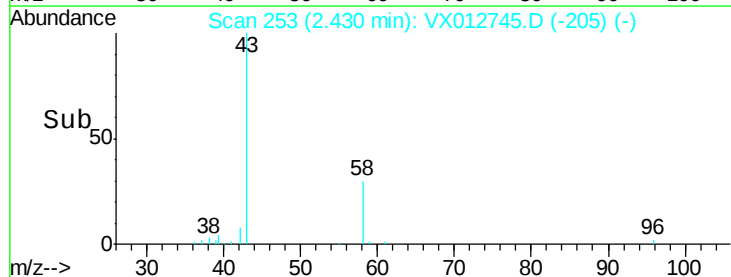
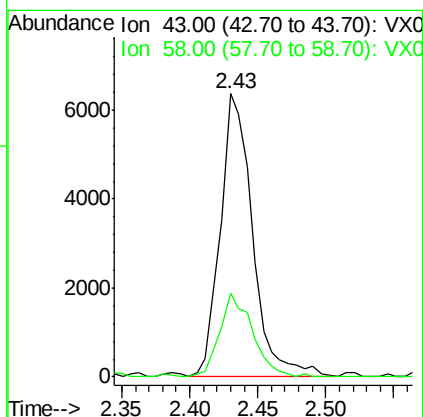
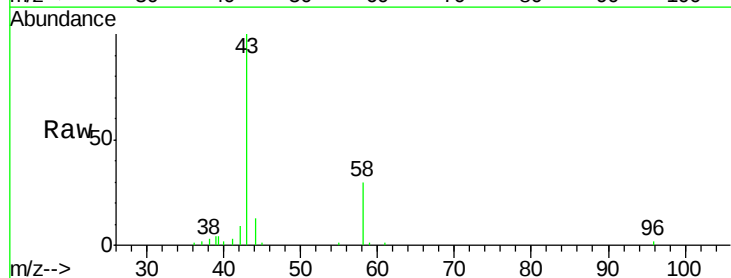
Acq: 01 Oct 2019 19:55

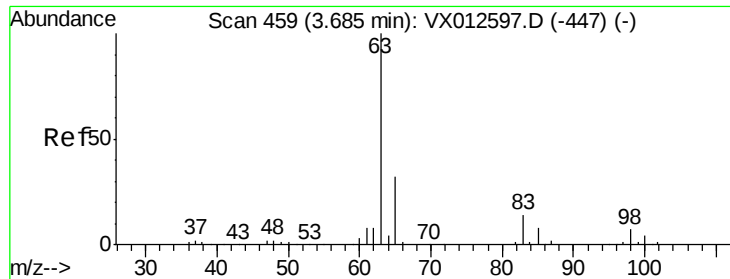
Tgt Ion: 43 Resp: 10530

Ion Ratio Lower Upper

43 100

58 29.8 23.3 34.9





#24

1,1-Dichloroethane

Concen: 5.451 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX012745.D

Acq: 01 Oct 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

MW-3

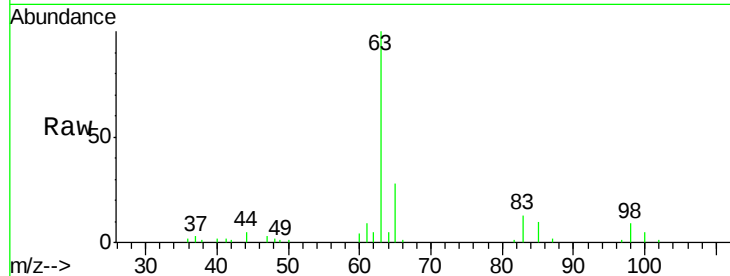
Tot Ion: 63 Resp: 19776

Ion Ratio Lower Upper

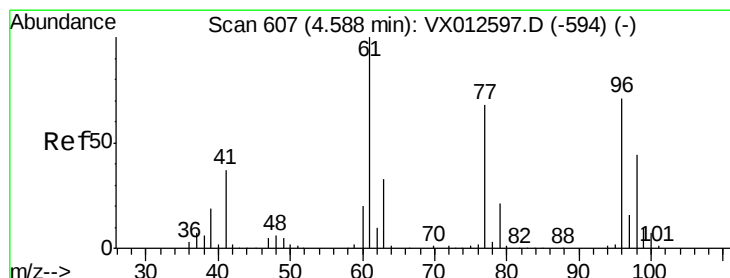
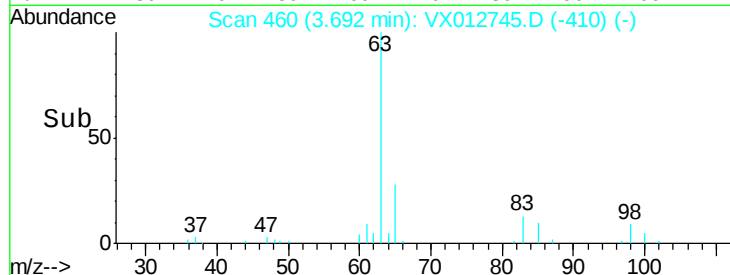
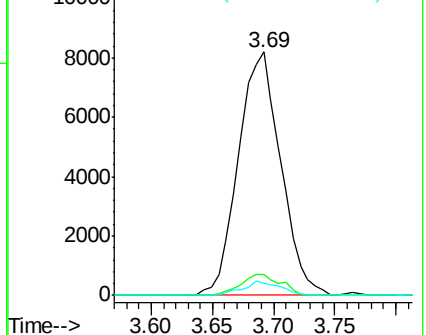
63 100

98 8.8 3.9 11.7

100 4.7 2.3 6.9



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: 3.464 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012745.D

Acq: 01 Oct 2019 19:55

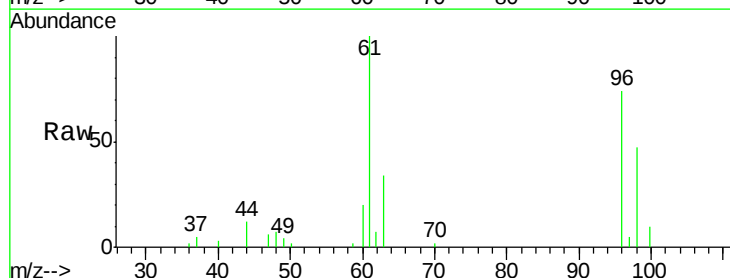
Tgt Ion: 96 Resp: 7753

Ion Ratio Lower Upper

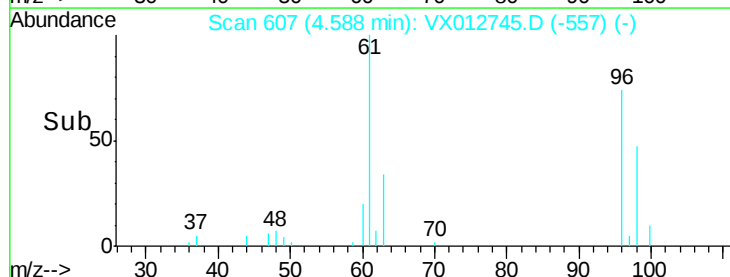
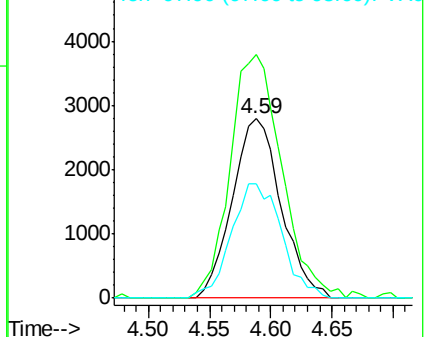
96 100

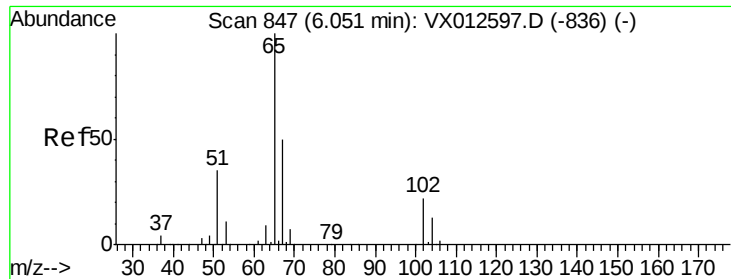
61 143.2 0.0 319.4

98 65.3 0.0 130.6



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

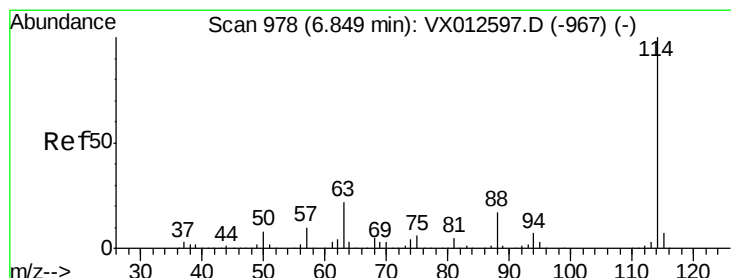
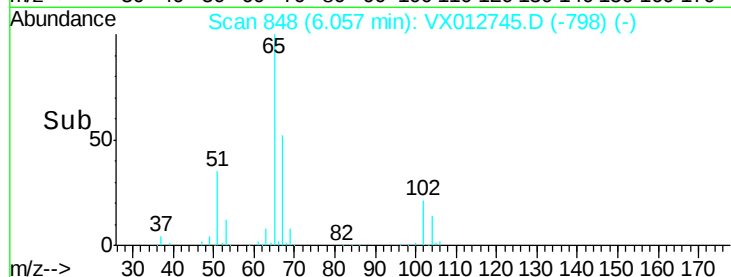
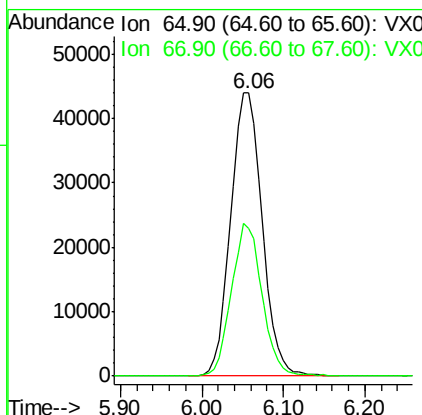
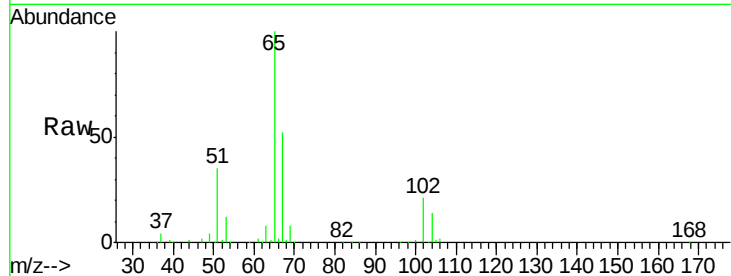




#33
 1,2-Dichloroethane-d4
 Concen: 49.817 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012745.D
 Acq: 01 Oct 2019 19:55

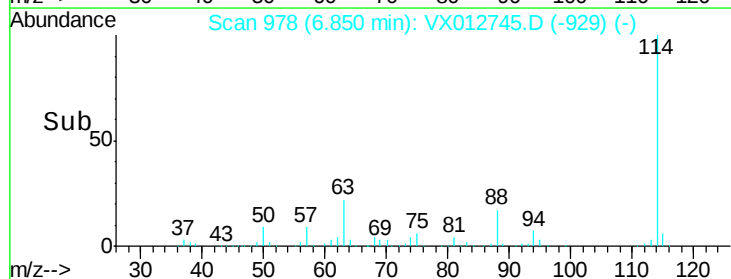
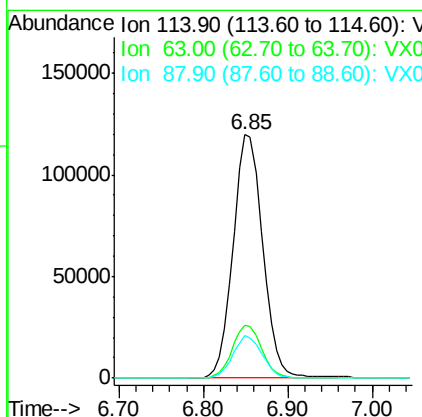
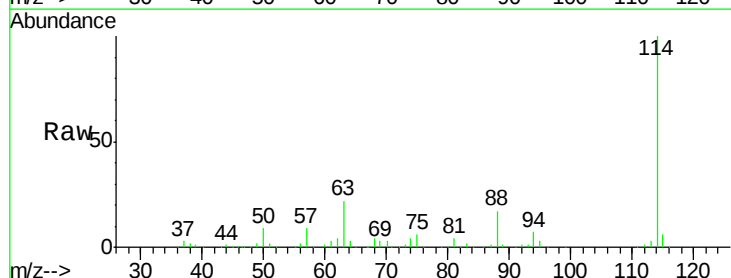
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

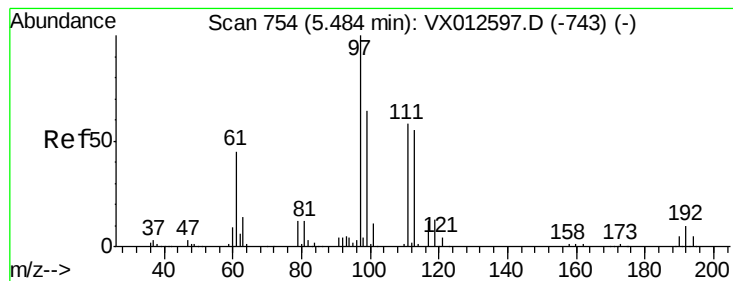
Tot Ion: 65 Resp: 117471
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012745.D
 Acq: 01 Oct 2019 19:55

Tgt Ion: 114 Resp: 285356
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 17.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.113 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012745.D

Acq: 01 Oct 2019 19:55

Instrument :

MSVOA_X

ClientSampled :

MW-3

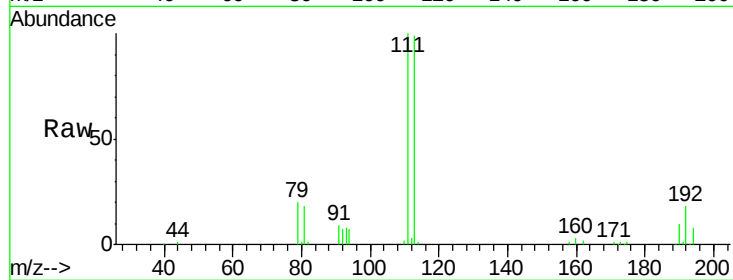
Tot Ion:113 Resp: 88561

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

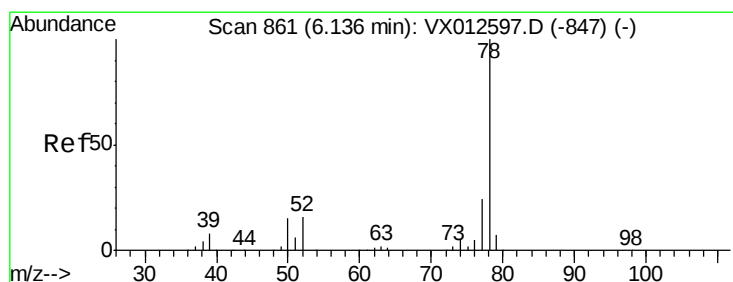
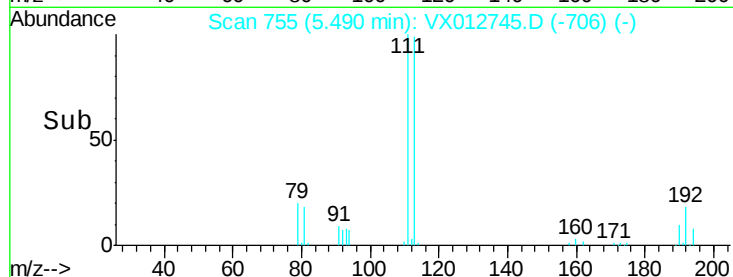
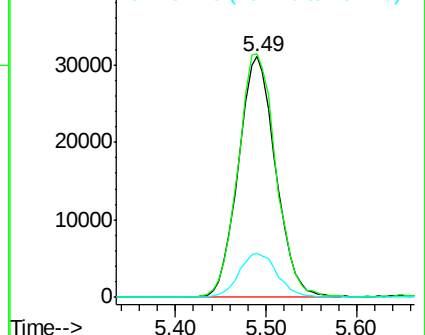
192 18.7 14.4 21.6



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



#40

Benzene

Concen: 0.385 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX012745.D

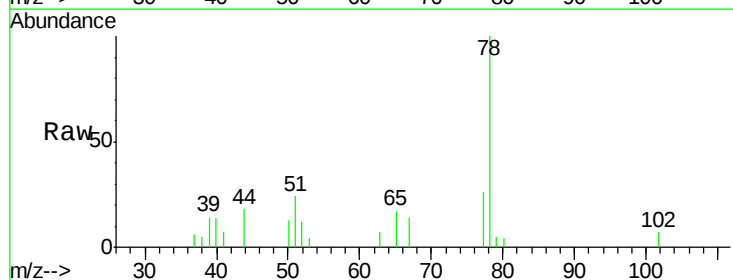
Acq: 01 Oct 2019 19:55

Tgt Ion: 78 Resp: 3118

Ion Ratio Lower Upper

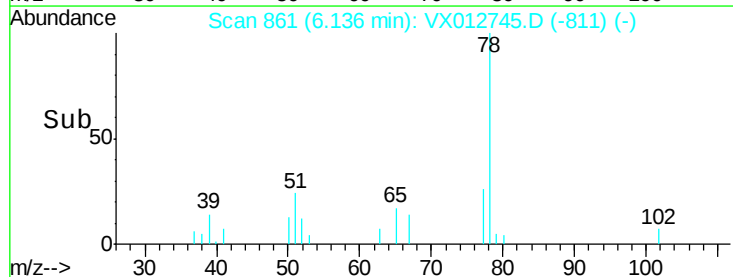
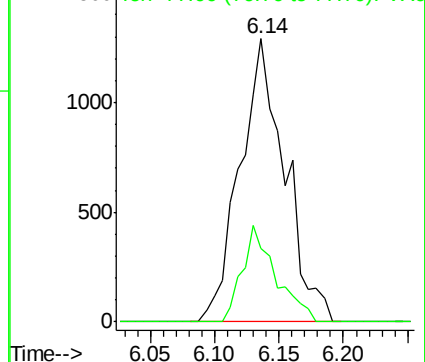
78 100

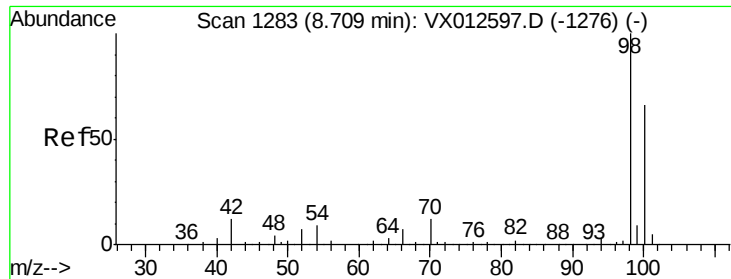
77 26.1 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#50

Toluene-d8

Concen: 52.369 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012745.D

Acq: 01 Oct 2019 19:55

Instrument :

MSVOA_X

ClientSampleId :

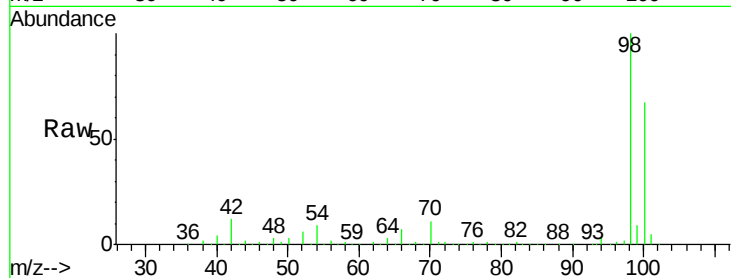
MW-3

Tot Ion: 98 Resp: 342734

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX012597.D (-1276) (-)

Ion 100.00 (99.70 to 100.70): VX012597.D (-1276) (-)

8.71

250000

200000

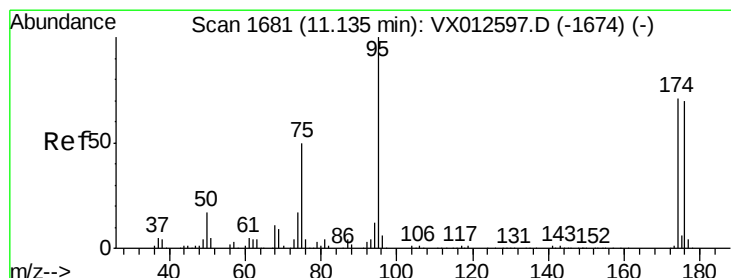
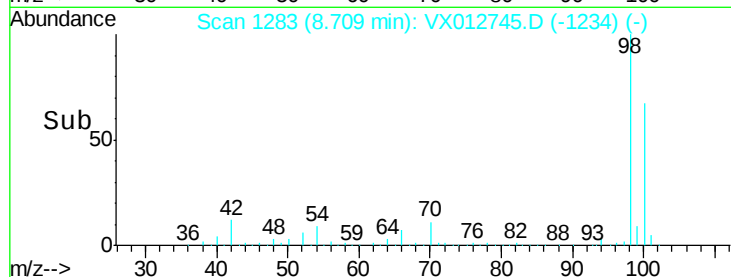
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.455 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012745.D

Acq: 01 Oct 2019 19:55

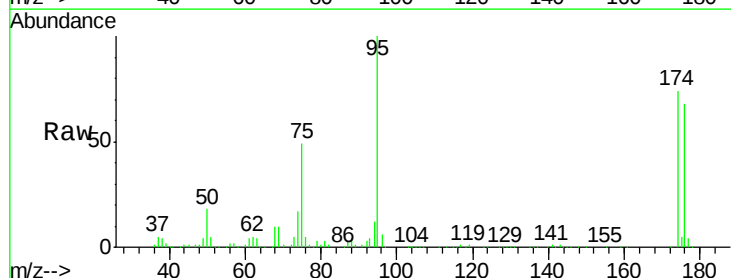
Tgt Ion: 95 Resp: 109252

Ion Ratio Lower Upper

95 100

174 70.5 0.0 140.0

176 67.0 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012597.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012597.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012597.D (-1674) (-)

11.14

100000

80000

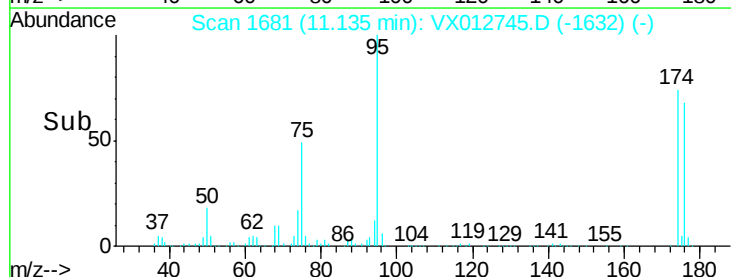
60000

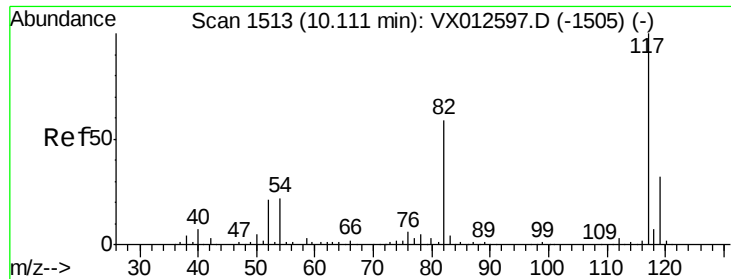
40000

20000

0

Time-->

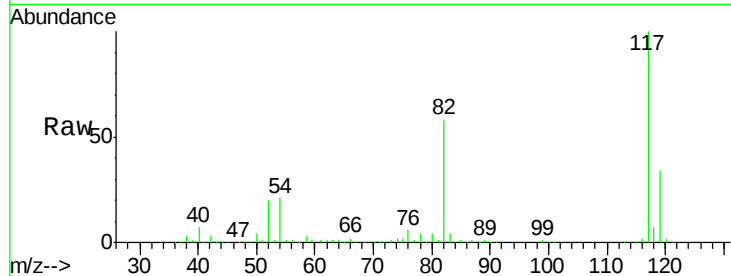




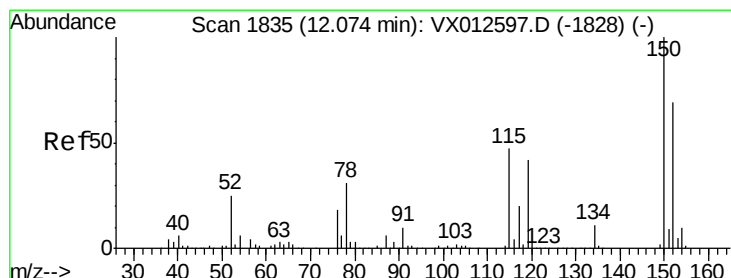
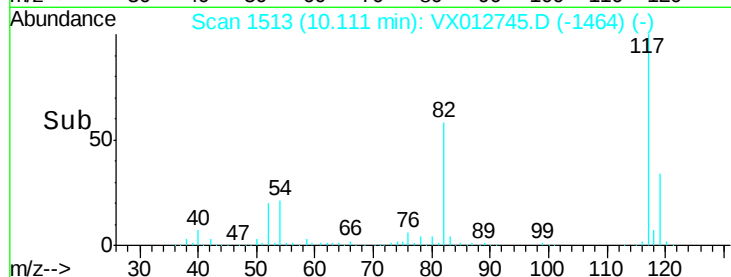
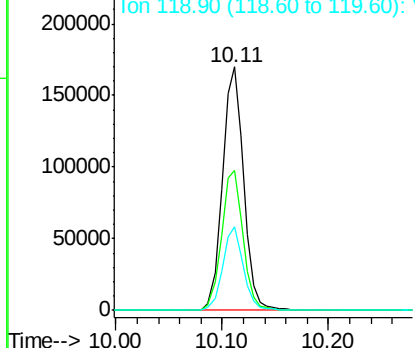
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012745.D
Acq: 01 Oct 2019 19:55

Instrument :
MSVOA_X
ClientSampled :
MW-3

Tot Ion:117 Resp: 236229
Ion Ratio Lower Upper
117 100
82 57.7 45.9 68.9
119 34.2 25.3 37.9

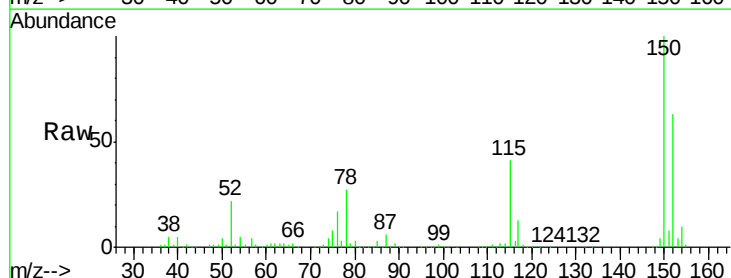


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012745.D
Acq: 01 Oct 2019 19:55

Tgt Ion:152 Resp: 85102
Ion Ratio Lower Upper
152 100
115 64.1 44.1 132.3
150 155.7 0.0 343.8



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

