

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073019\
 Data File : VX011204.D
 Acq On : 30 Jul 2019 18:50
 Operator : JC/SP
 Sample : K4026-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0674

Quant Time: Jul 31 10:53:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

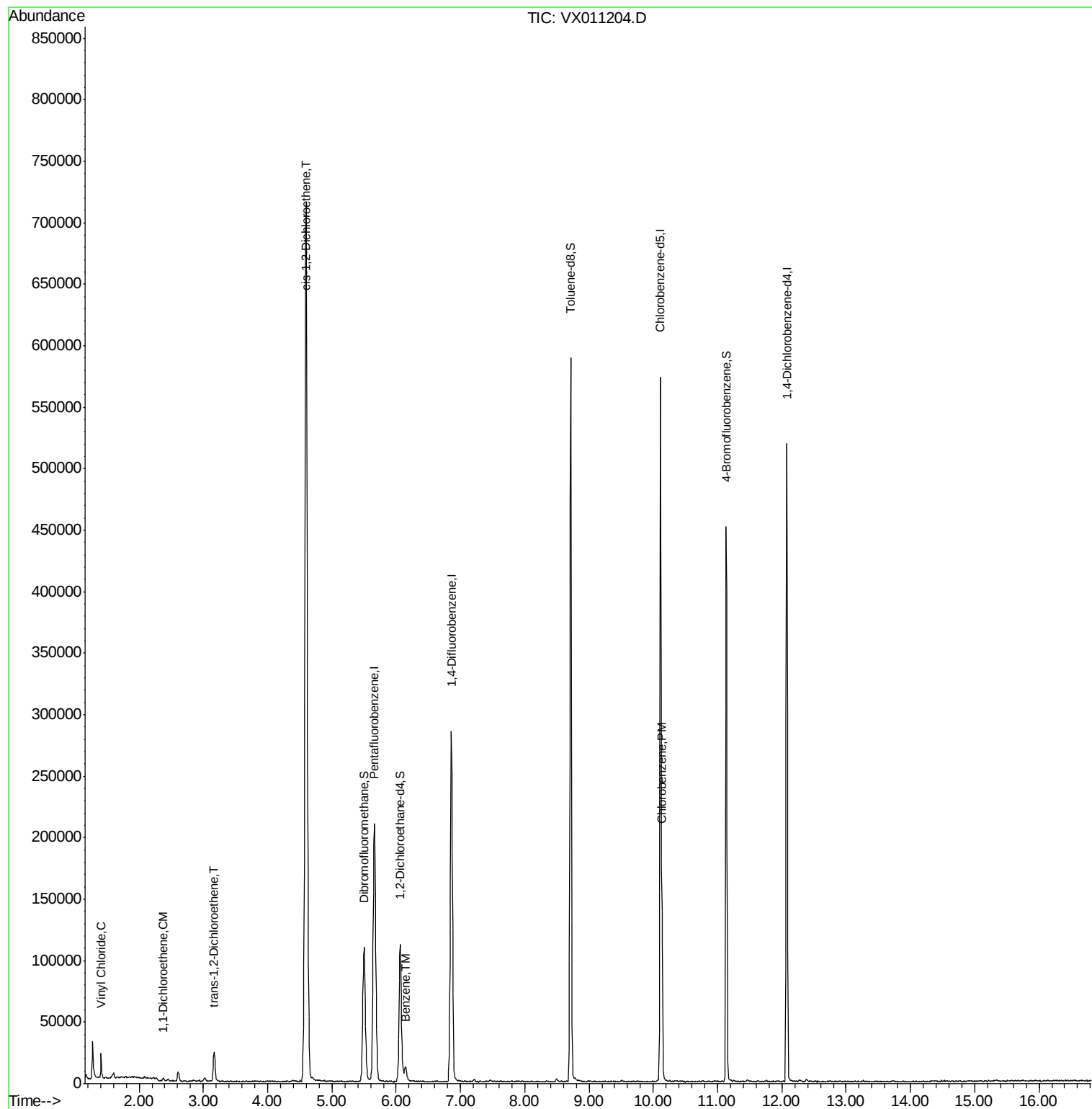
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	104823	46.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.20%	
35) Dibromofluoromethane	5.50	113	89327	46.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.94%	
50) Toluene-d8	8.71	98	350706	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.13	95	110381	42.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.20%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.41	62	12653	6.312	ug/l	97
12) 1,1-Dichloroethene	2.37	96	743	0.390	ug/l #	87
21) trans-1,2-Dichloroethene	3.17	96	10716	5.305	ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	484492	207.261	ug/l	89
40) Benzene	6.15	78	13716	1.819	ug/l	99
65) Chlorobenzene	10.13	112	53018	9.886	ug/l	99

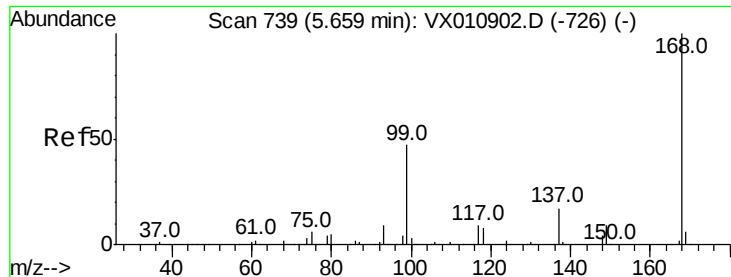
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011204.D

Acq: 30 Jul 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

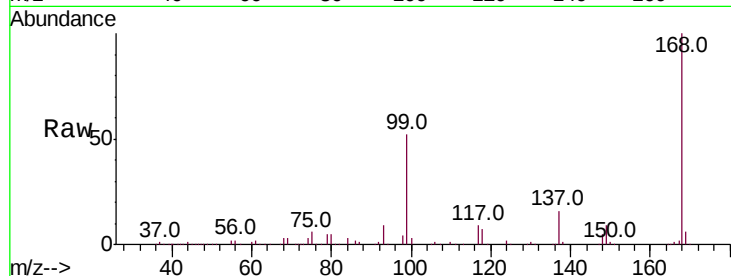
Z3-0674

Tot Ion:168 Resp: 213714

Ion Ratio Lower Upper

168 100

99 51.5 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

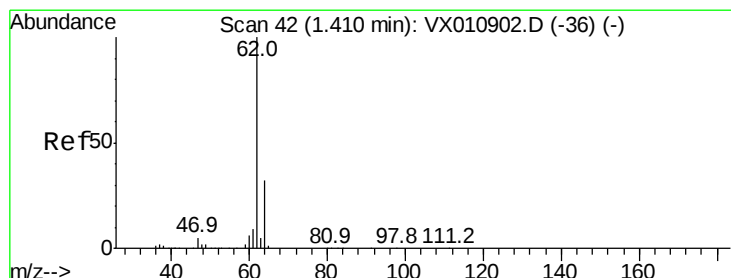
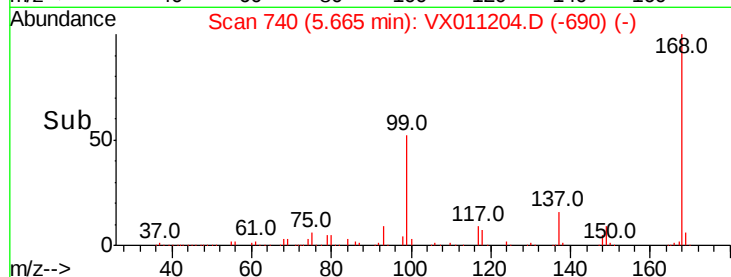
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 6.312 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011204.D

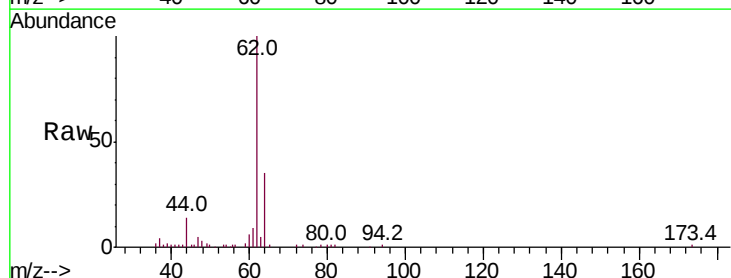
Acq: 30 Jul 2019 18:50

Tgt Ion: 62 Resp: 12653

Ion Ratio Lower Upper

62 100

64 33.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

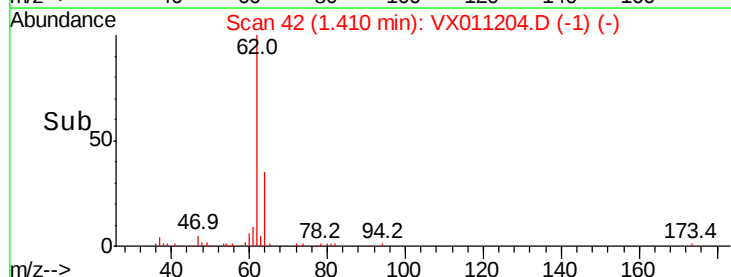
1.41

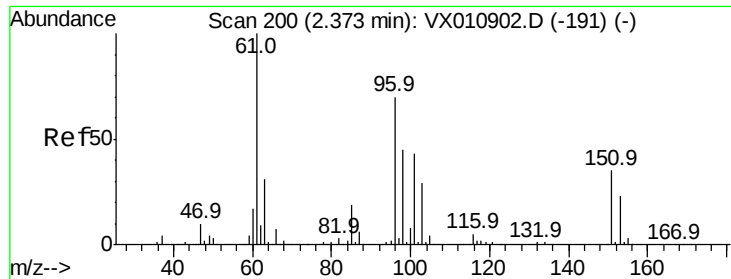
10000

5000

0

Time--> 1.35 1.40 1.45





#12

1,1-Dichloroethene

Concen: 0.390 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011204.D

Acq: 30 Jul 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

Z3-0674

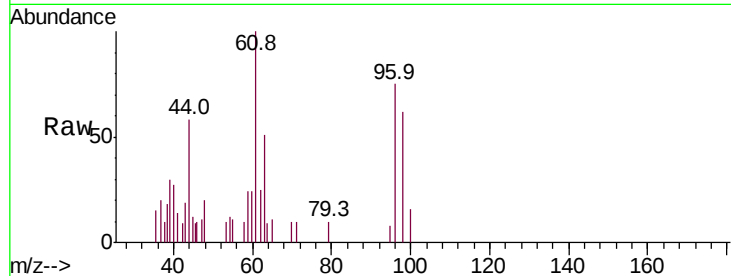
Tot Ion: 96 Resp: 743

Ion Ratio Lower Upper

96 100

61 134.1 115.0 172.4

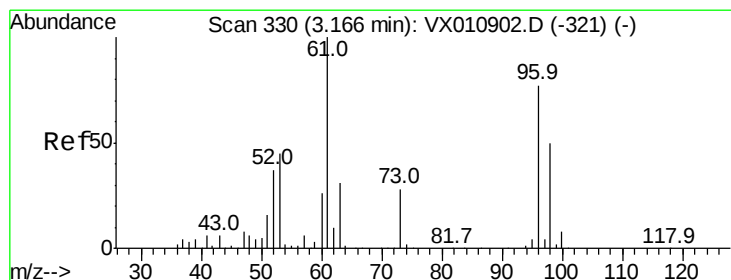
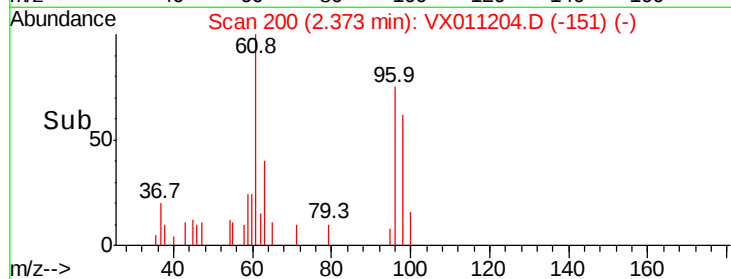
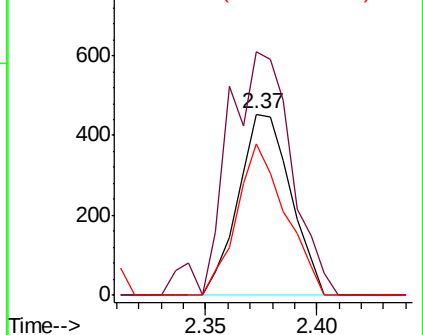
98 83.7 52.2 78.2#



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



#21

trans-1,2-Dichloroethene

Concen: 5.305 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX011204.D

Acq: 30 Jul 2019 18:50

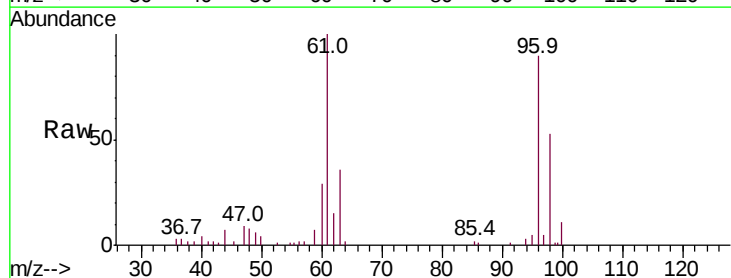
Tgt Ion: 96 Resp: 10716

Ion Ratio Lower Upper

96 100

61 111.7 104.2 156.2

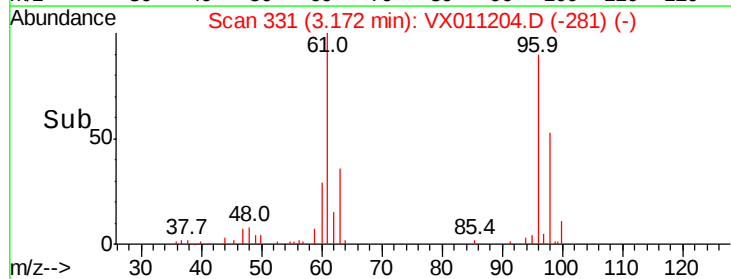
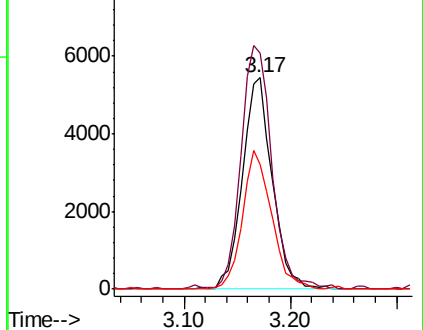
98 58.9 52.2 78.4

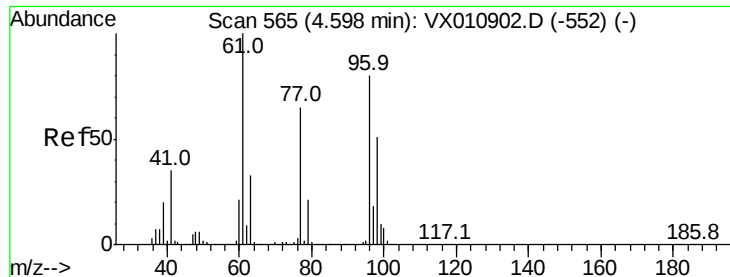


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



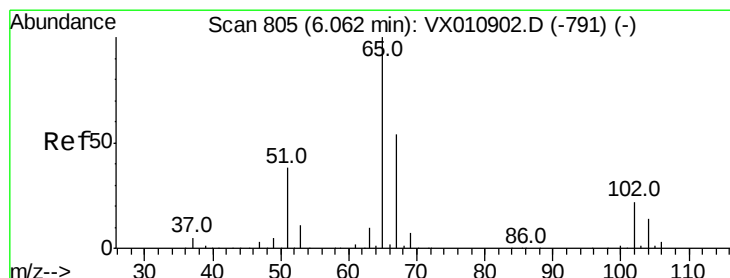
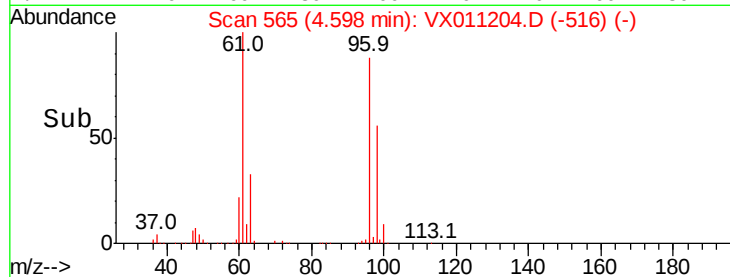
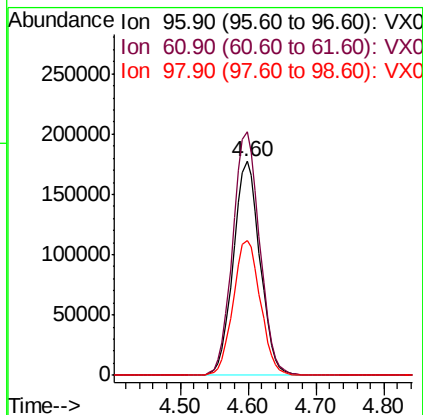
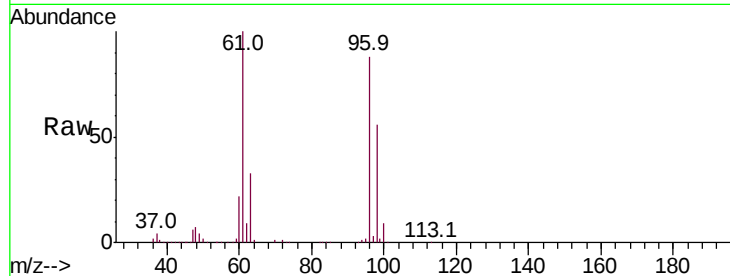


#27

cis-1,2-Dichloroethene
 Concen: 207.261 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX011204.D
 Acq: 30 Jul 2019 18:50

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0674

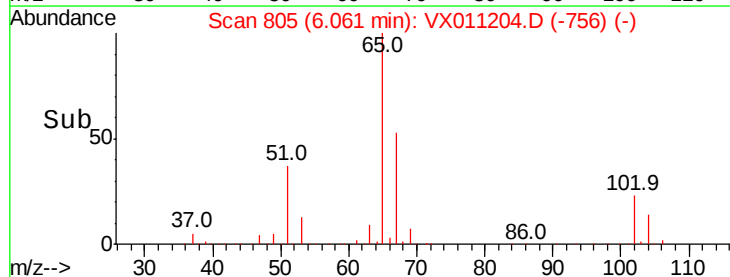
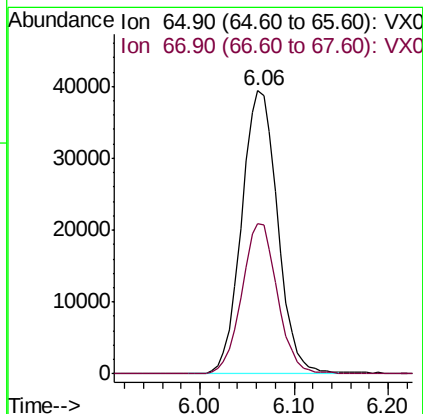
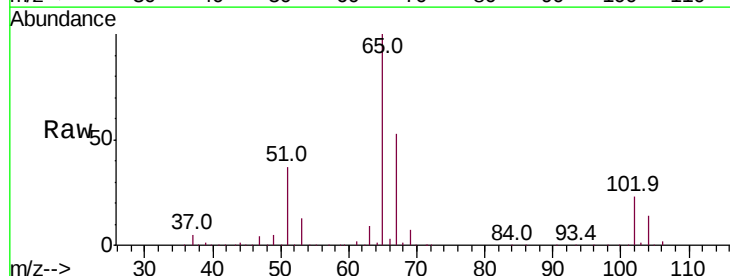
Tot Ion: 96 Resp: 484492
 Ion Ratio Lower Upper
 96 100
 61 115.1 0.0 269.0
 98 64.4 0.0 131.4

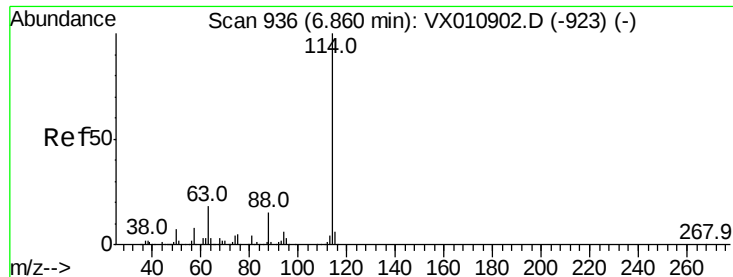


#33

1,2-Dichloroethane-d4
 Concen: 46.105 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011204.D
 Acq: 30 Jul 2019 18:50

Tgt Ion: 65 Resp: 104823
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011204.D

Acq: 30 Jul 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

Z3-0674

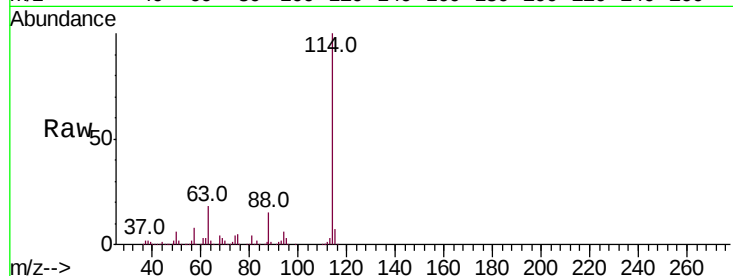
Tot Ion:114 Resp: 299602

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

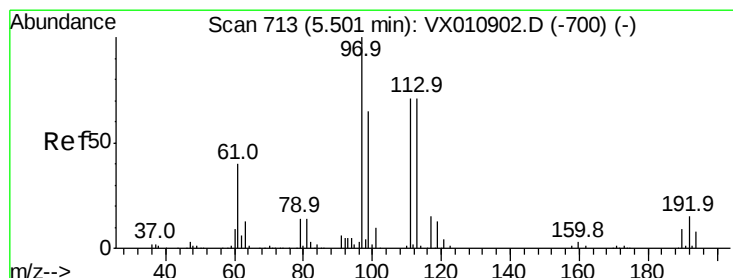
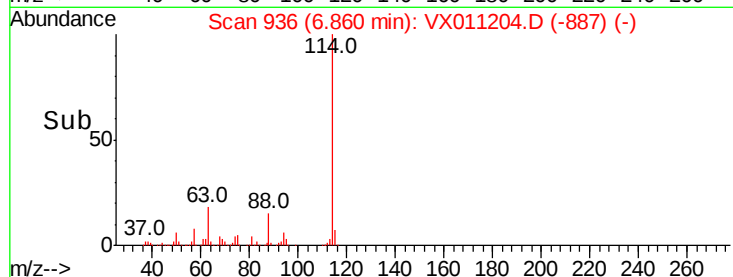
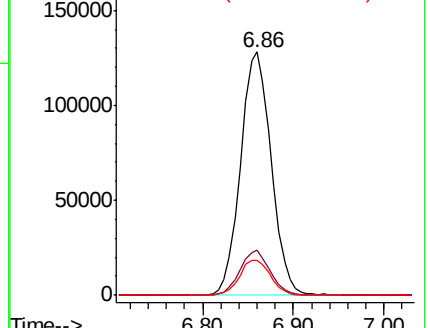
88 14.6 0.0 29.8



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: 46.974 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011204.D

Acq: 30 Jul 2019 18:50

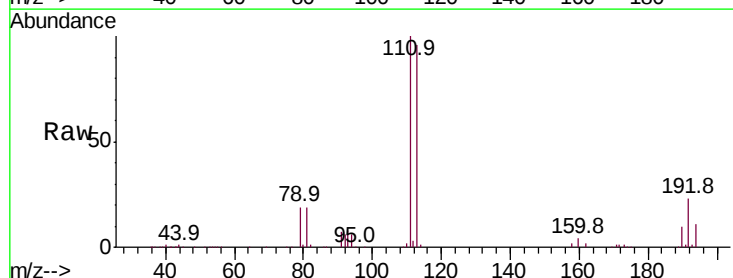
Tgt Ion:113 Resp: 89327

Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

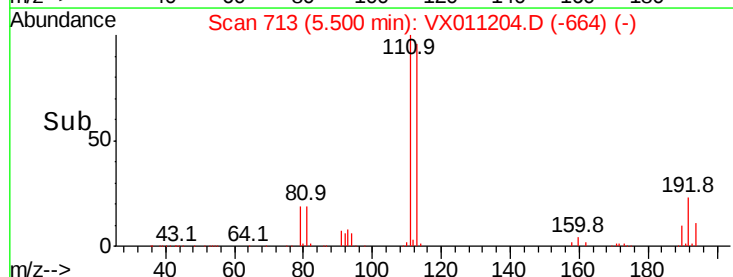
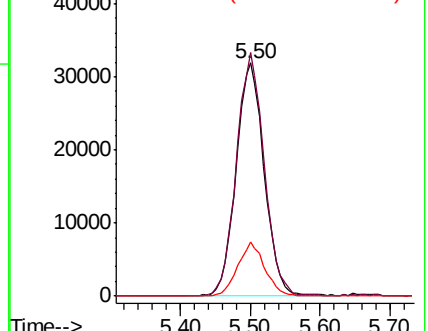
192 22.2 17.4 26.2

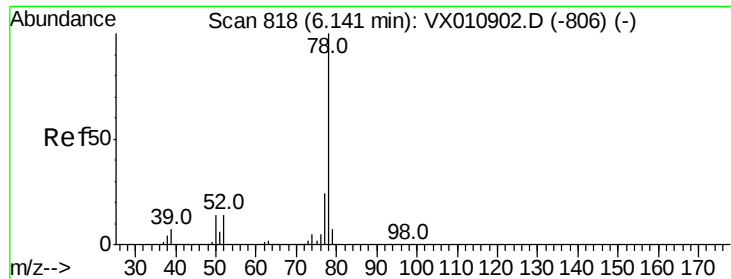


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.819 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX011204.D

Acq: 30 Jul 2019 18:50

Instrument :

MSVOA_X

ClientSampleId :

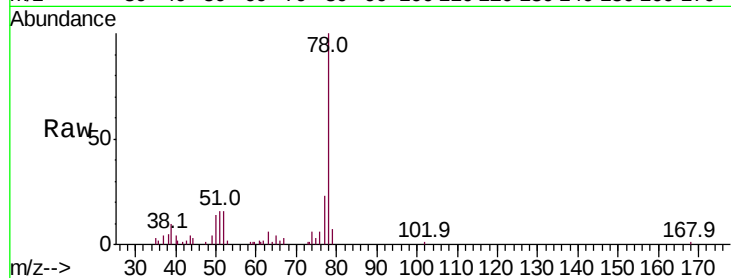
Z3-0674

Tot Ion: 78 Resp: 13716

Ion Ratio Lower Upper

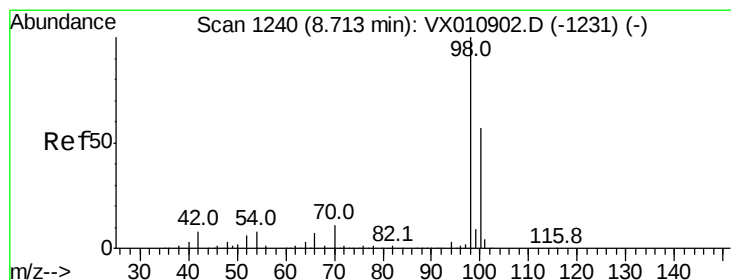
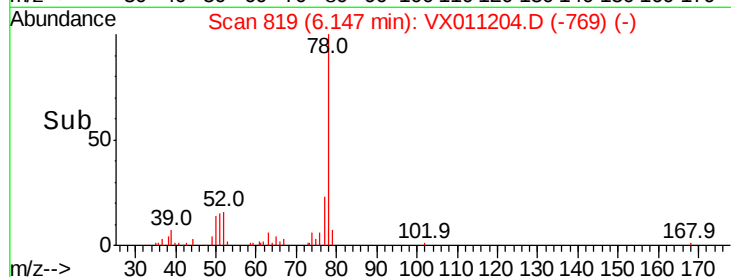
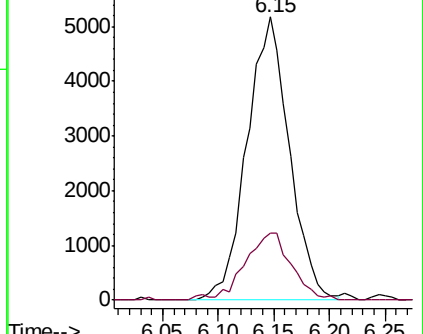
78 100

77 23.5 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#50

Toluene-d8

Concen: 49.171 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011204.D

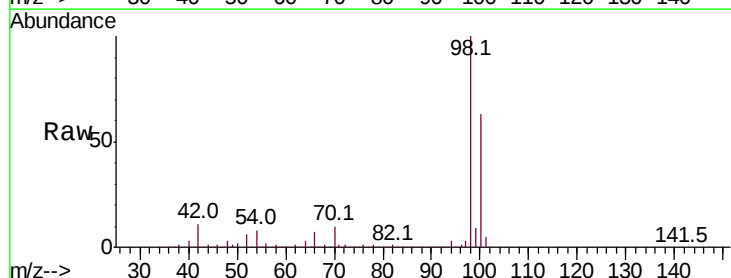
Acq: 30 Jul 2019 18:50

Tgt Ion: 98 Resp: 350706

Ion Ratio Lower Upper

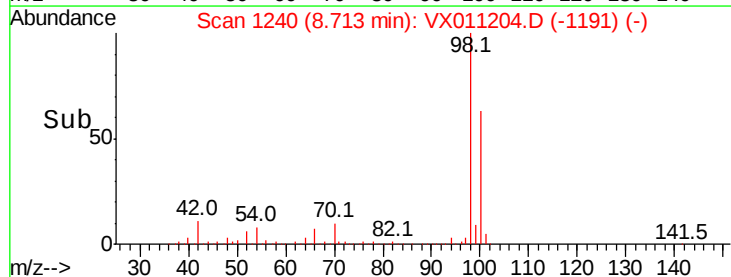
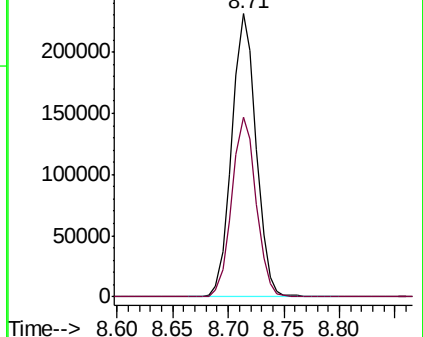
98 100

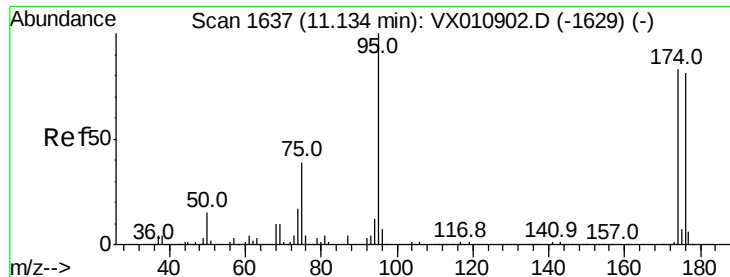
100 63.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

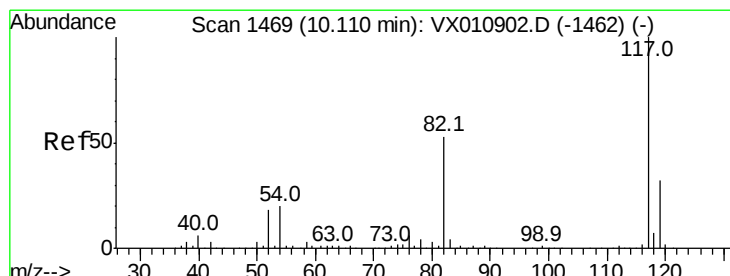
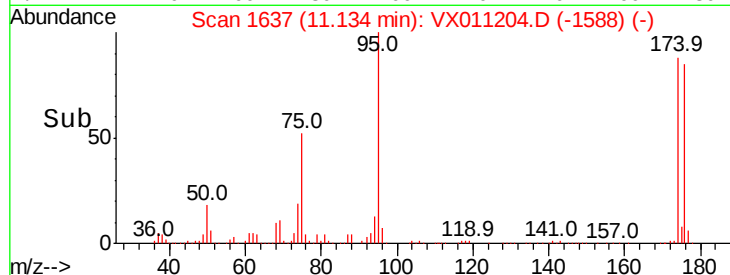
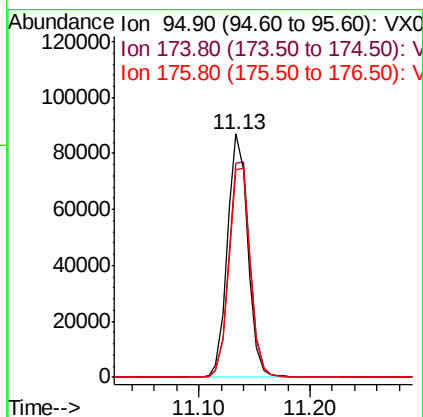
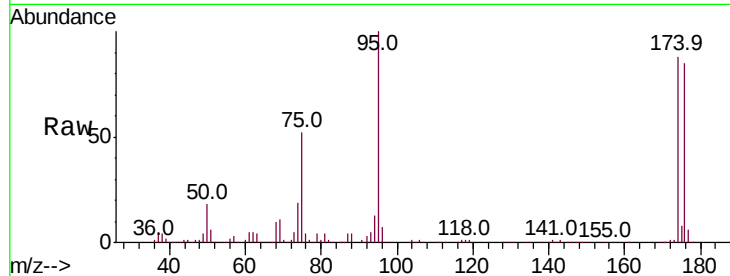




#62
4-Bromofluorobenzene
Concen: 42.104 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011204.D
Acq: 30 Jul 2019 18:50

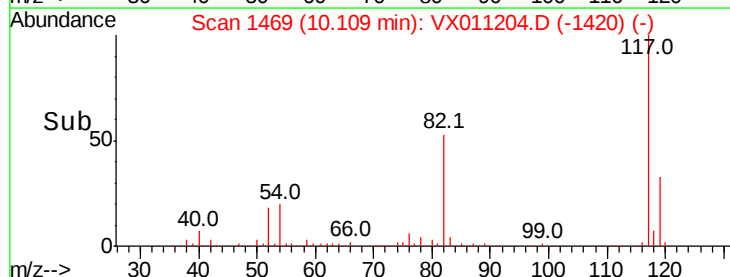
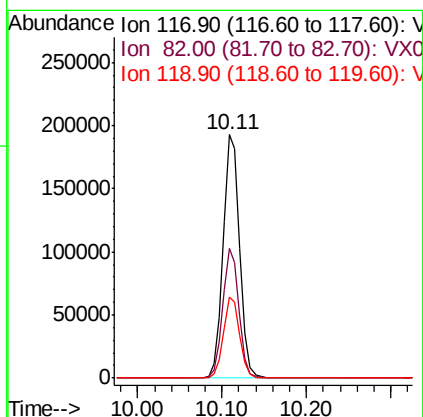
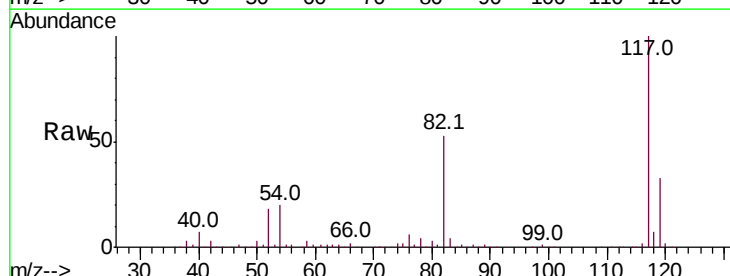
Instrument :
MSVOA_X
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Z3-0674

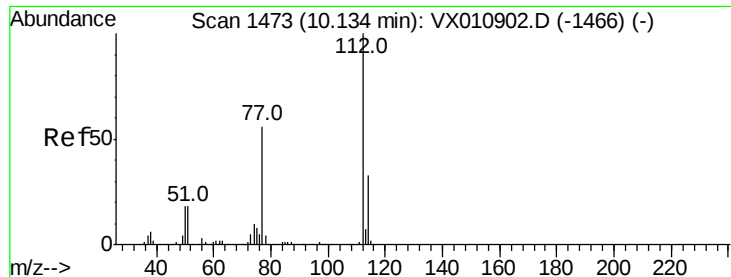
Tot Ion: 95 Resp: 110381
Ion Ratio Lower Upper
95 100
174 92.3 0.0 180.6
176 89.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011204.D
Acq: 30 Jul 2019 18:50

Tgt Ion: 117 Resp: 261119
Ion Ratio Lower Upper
117 100
82 53.1 42.6 63.8
119 33.2 25.9 38.9

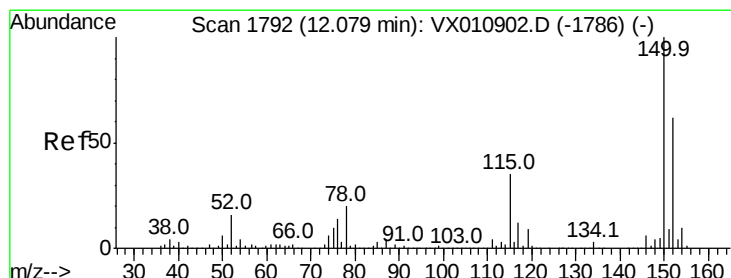
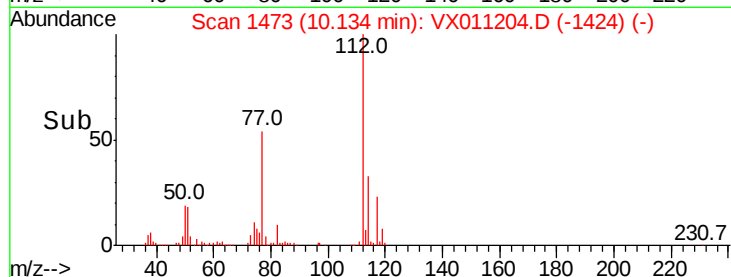
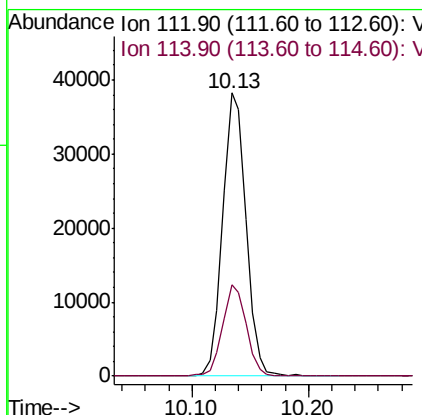
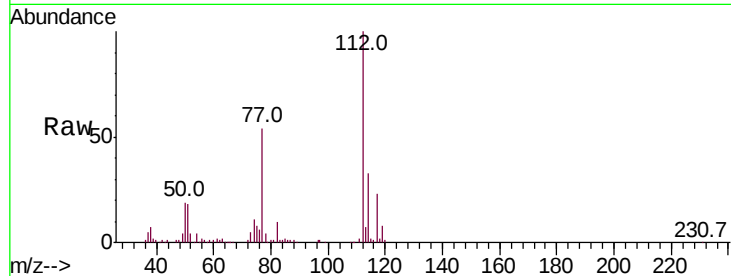




#65
Chlorobenzene
Concen: 9.886 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011204.D
Acq: 30 Jul 2019 18:50

Instrument :
MSVOA_X
ClientSampleId :
Z3-0674

Tot Ion:112 Resp: 53018
Ion Ratio Lower Upper
112 100
114 32.5 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011204.D
Acq: 30 Jul 2019 18:50

Tgt Ion:152 Resp: 114624
Ion Ratio Lower Upper
152 100
115 55.5 39.7 119.1
150 156.8 0.0 345.6

