

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011154.D
 Acq On : 29 Jul 2019 18:32
 Operator : JC/SP
 Sample : K4026-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0679

Quant Time: Jul 30 06:03:41 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

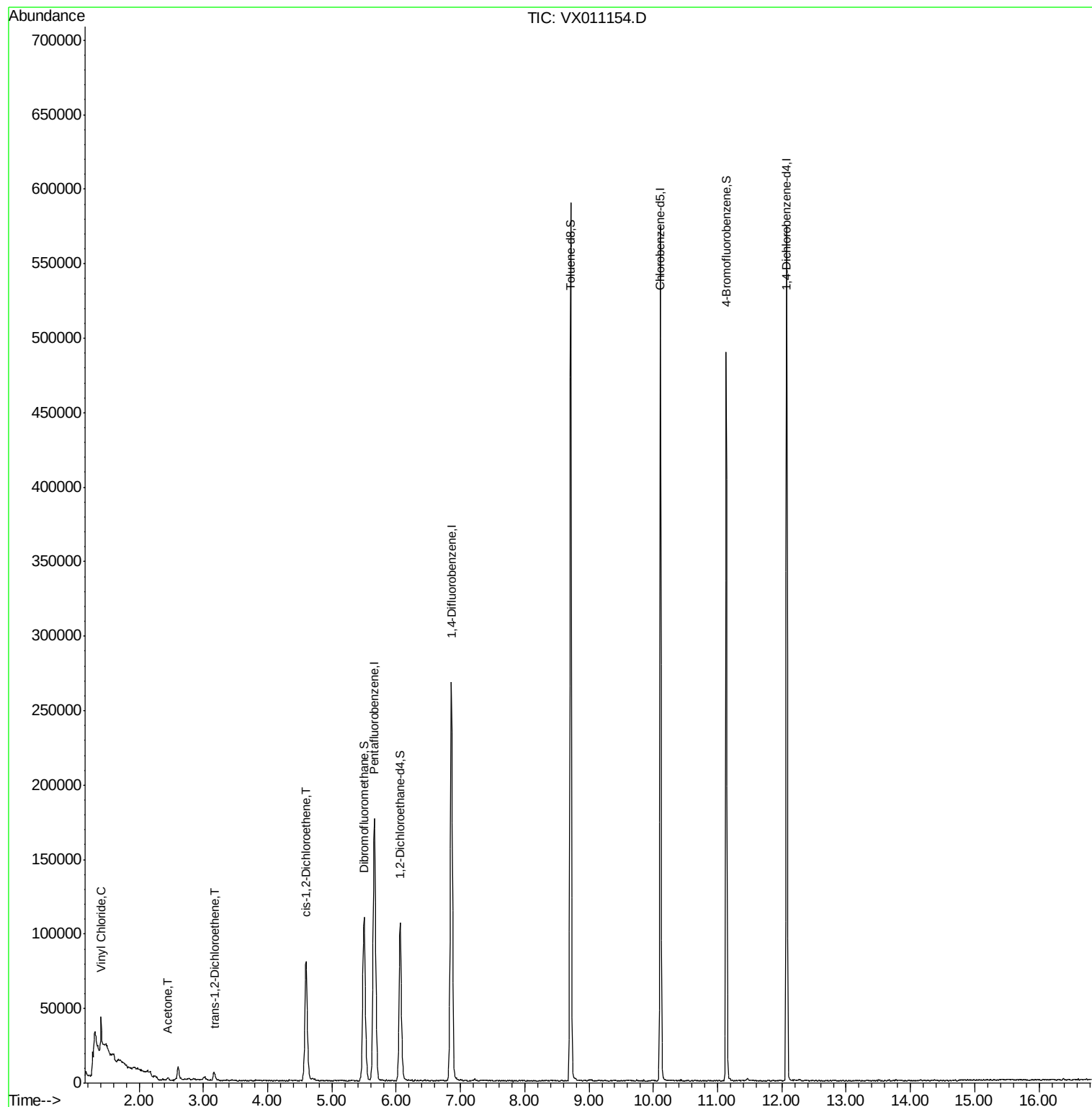
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	176421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	283523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123554	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	98536	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
35) Dibromofluoromethane	5.50	113	91795	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
50) Toluene-d8	8.71	98	345223	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	116144	46.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.62%	
Target Compounds						
4) Vinyl Chloride	1.41	62	13282	8.026	ug/l #	76
16) Acetone	2.44	43	1889	2.228	ug/l	90
21) trans-1,2-Dichloroethene	3.18	96	2014	1.208	ug/l #	73
27) cis-1,2-Dichloroethene	4.59	96	54397	28.190	ug/l	89

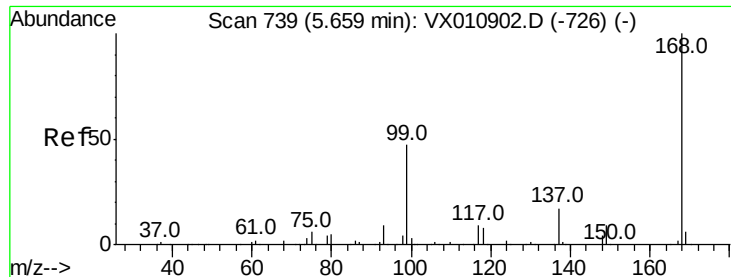
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011154.D

Acq: 29 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampleId :

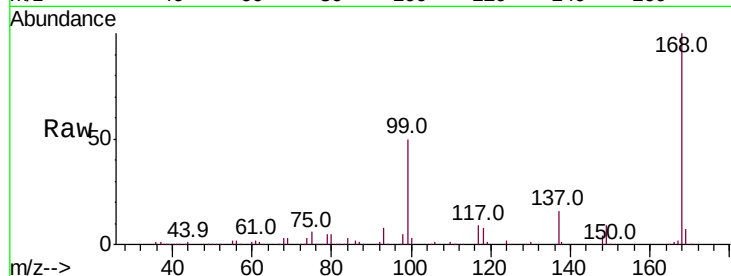
Z3-0679

Tot Ion:168 Resp: 176421

Ion Ratio Lower Upper

168 100

99 50.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

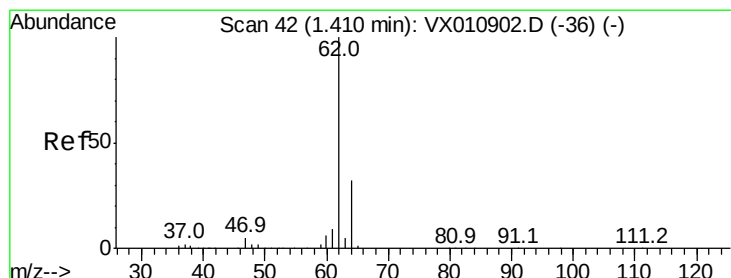
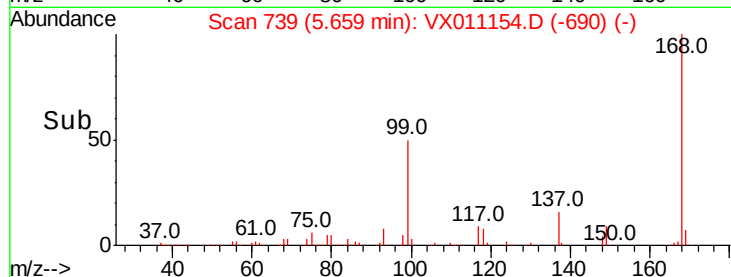
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 8.026 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011154.D

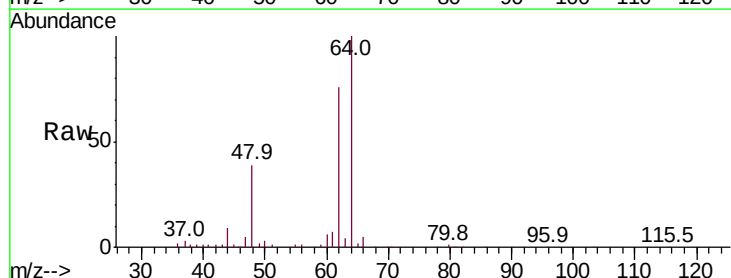
Acq: 29 Jul 2019 18:32

Tgt Ion: 62 Resp: 13282

Ion Ratio Lower Upper

62 100

64 45.7 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

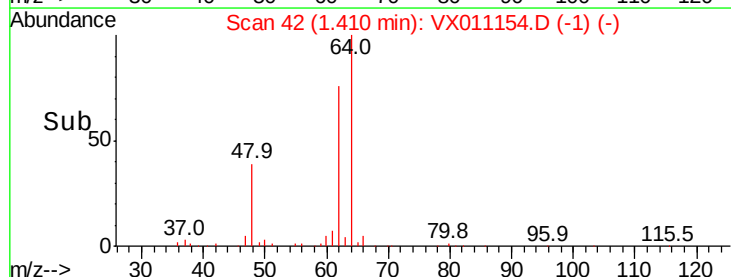
15000

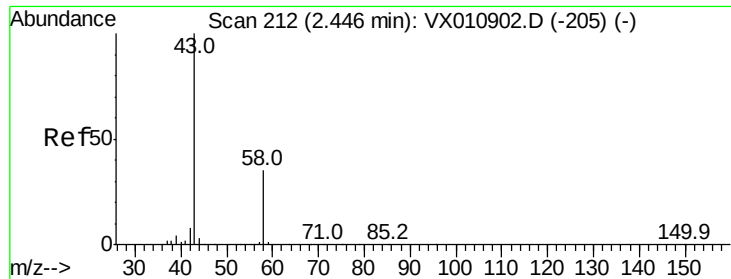
10000

5000

0

Time--> 1.35 1.40 1.45





#16

Acetone

Concen: 2.228 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011154.D

Acq: 29 Jul 2019 18:32

Instrument :

MSVOA_X

ClientSampled :

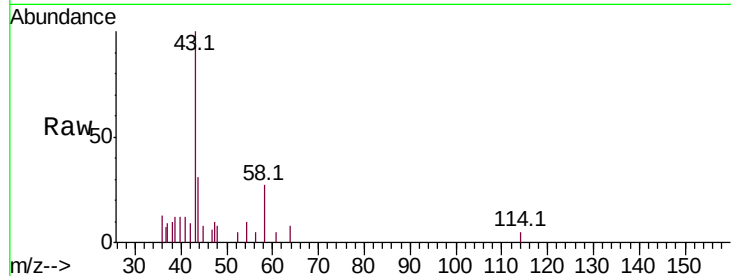
Z3-0679

Tot Ion: 43 Resp: 1889

Ion Ratio Lower Upper

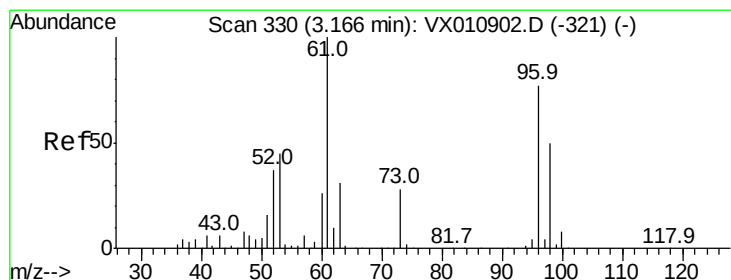
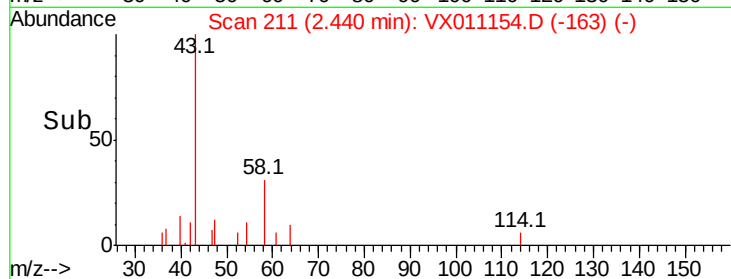
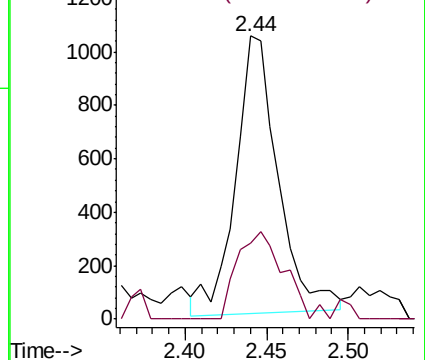
43 100

58 28.8 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#21

trans-1,2-Dichloroethene

Concen: 1.208 ug/l

RT: 3.18 min Scan# 332

Delta R.T. 0.01 min

Lab File: VX011154.D

Acq: 29 Jul 2019 18:32

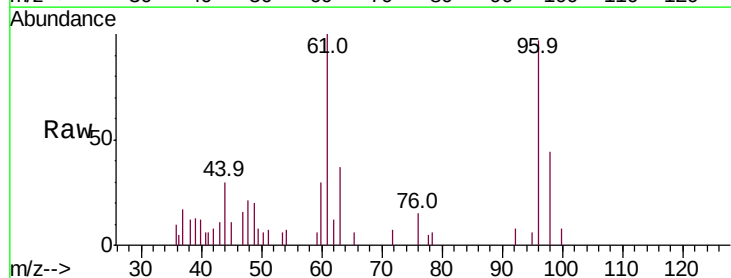
Tgt Ion: 96 Resp: 2014

Ion Ratio Lower Upper

96 100

61 97.3 104.2 156.2#

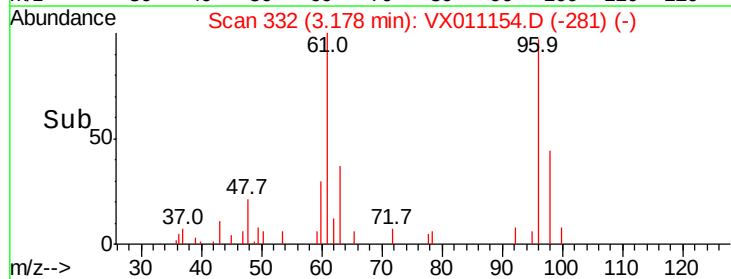
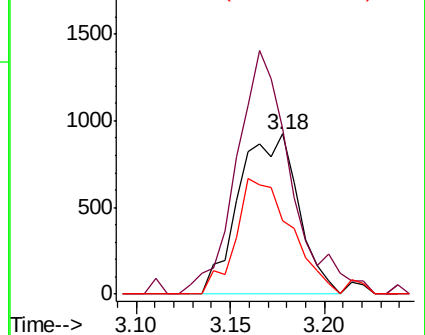
98 45.8 52.2 78.4#

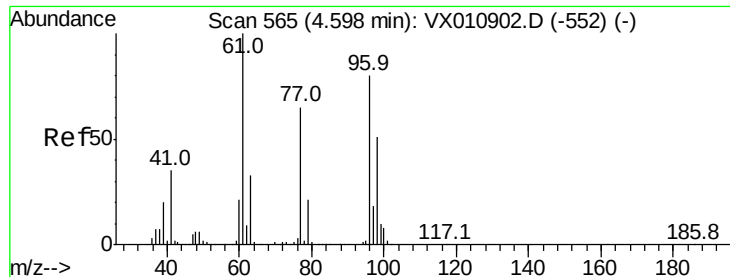


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



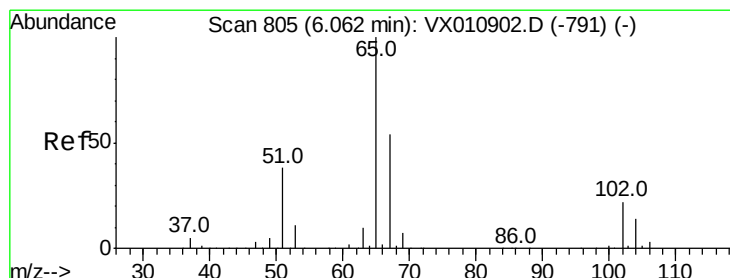
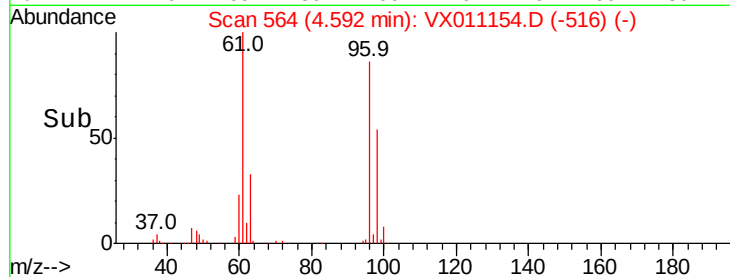
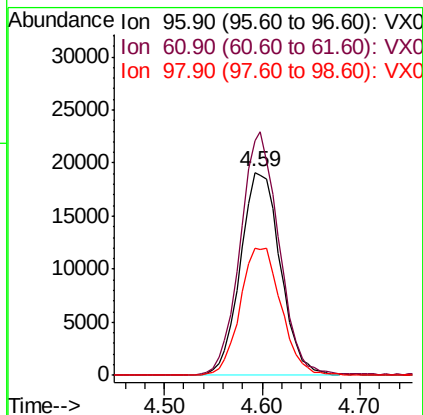
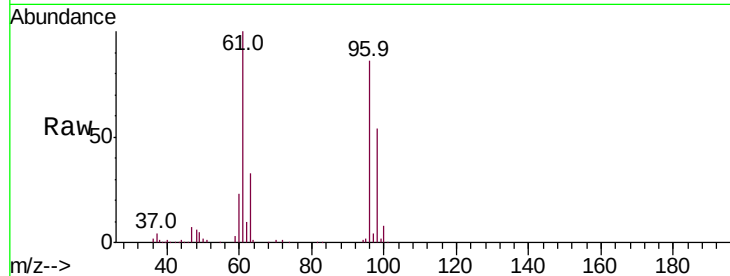


#27

cis-1,2-Dichloroethene
 Concen: 28.190 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011154.D
 Acq: 29 Jul 2019 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0679

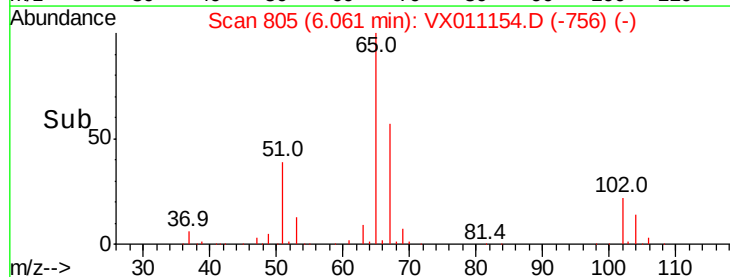
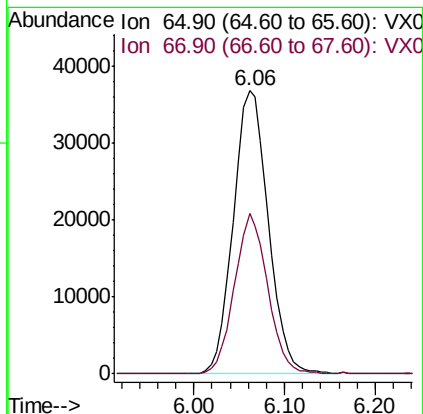
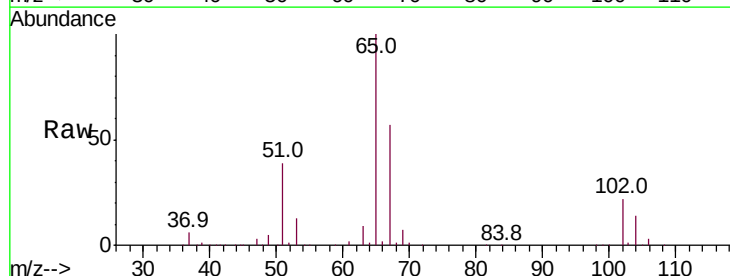
Tot Ion	Ratio	Lower	Upper
96	100		
61	116.3	0.0	269.0
98	64.5	0.0	131.4

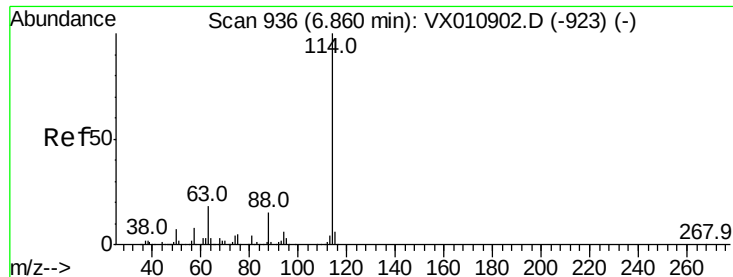


#33

1,2-Dichloroethane-d4
 Concen: 52.501 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011154.D
 Acq: 29 Jul 2019 18:32

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	107.8

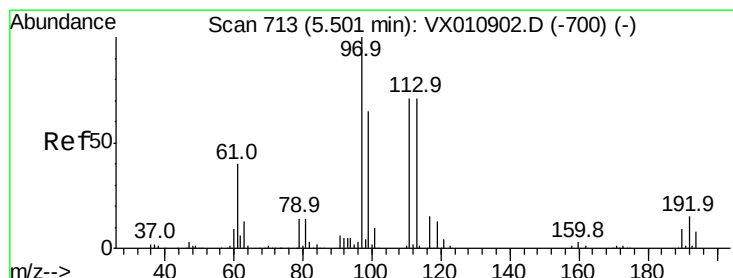
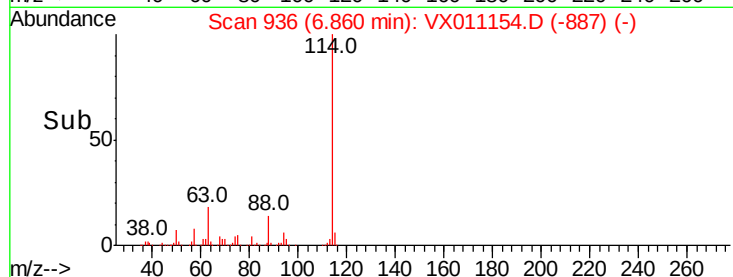
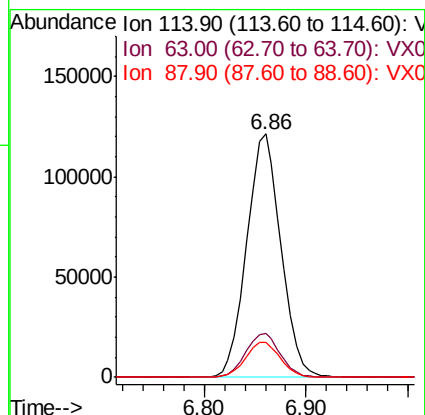
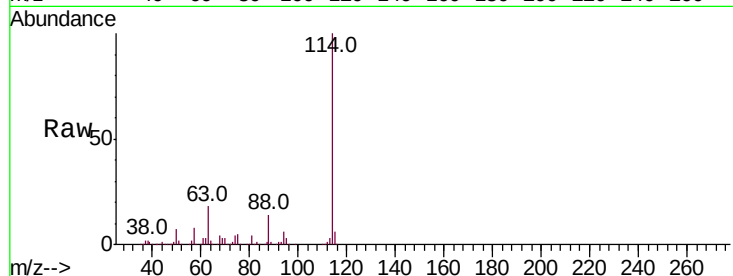




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX011154.D
Acq: 29 Jul 2019 18:32

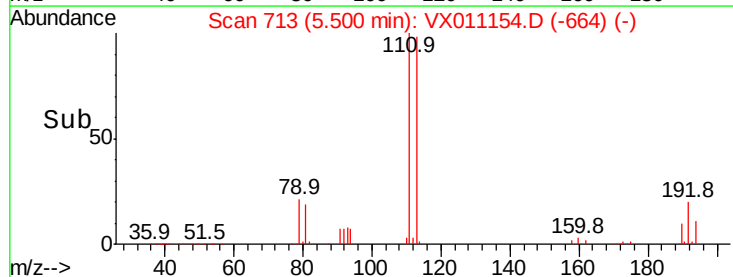
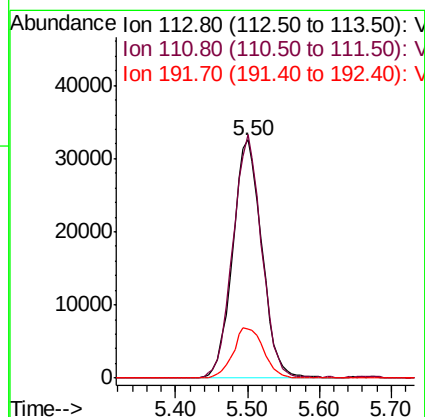
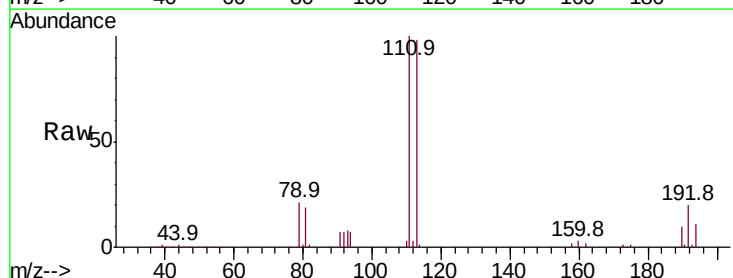
Instrument :
MSVOA_X
ClientSampleId :
Z3-0679

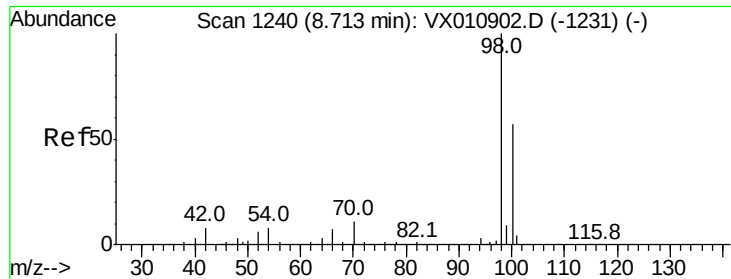
Tot Ion:114 Resp: 283523
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.6
88 14.3 0.0 29.8



#35
Dibromofluoromethane
Concen: 51.009 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX011154.D
Acq: 29 Jul 2019 18:32

Tgt Ion:113 Resp: 91795
Ion Ratio Lower Upper
113 100
111 100.3 82.3 123.5
192 21.9 17.4 26.2

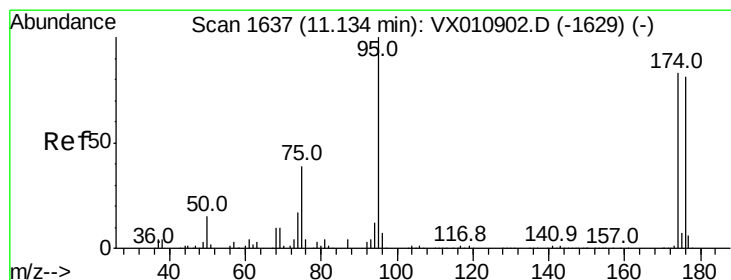
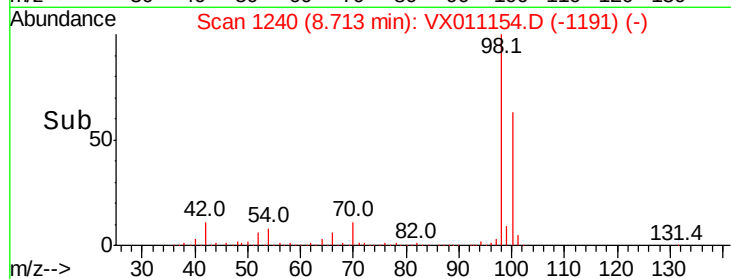
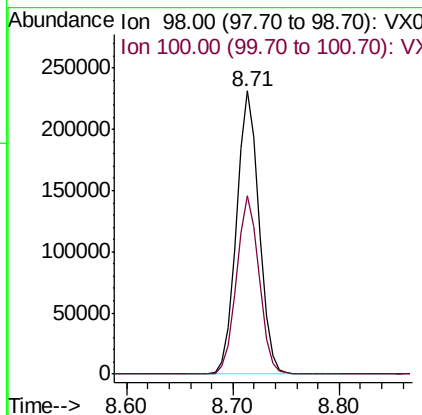
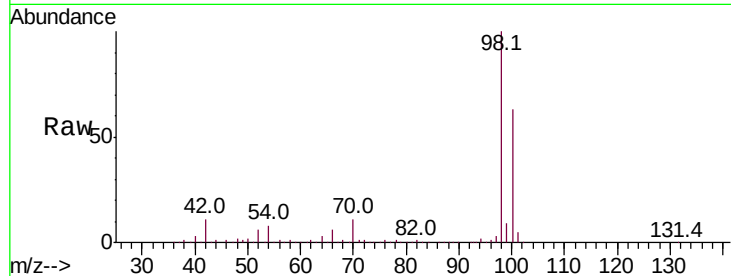




#50
Toluene-d8
Concen: 51.147 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011154.D
Acq: 29 Jul 2019 18:32

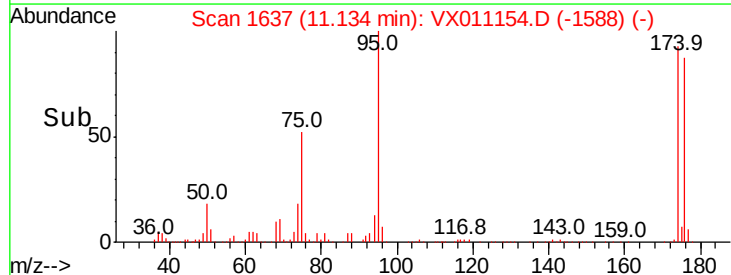
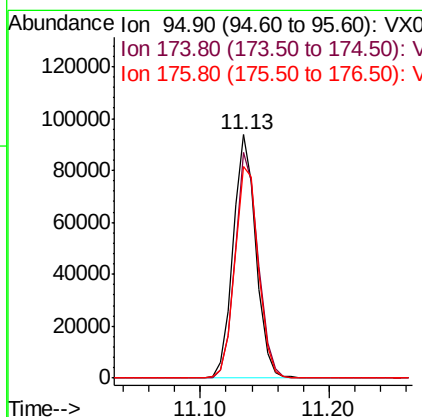
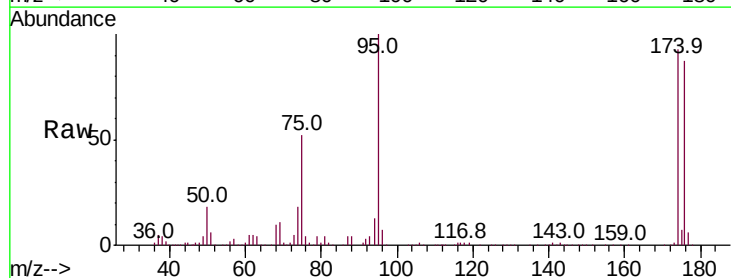
Instrument :
MSVOA_X
ClientSampleId :
Z3-0679

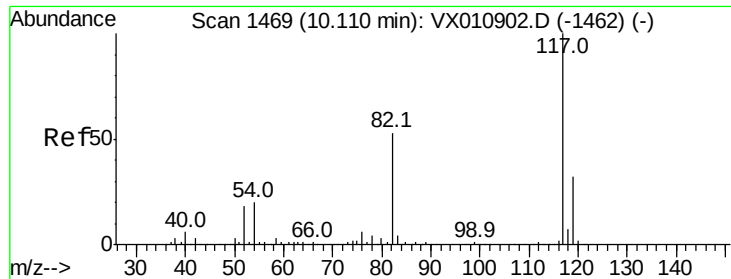
Tot Ion: 98 Resp: 345223
Ion Ratio Lower Upper
98 100
100 63.0 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 46.815 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011154.D
Acq: 29 Jul 2019 18:32

Tgt Ion: 95 Resp: 116144
Ion Ratio Lower Upper
95 100
174 93.5 0.0 180.6
176 90.5 0.0 173.8

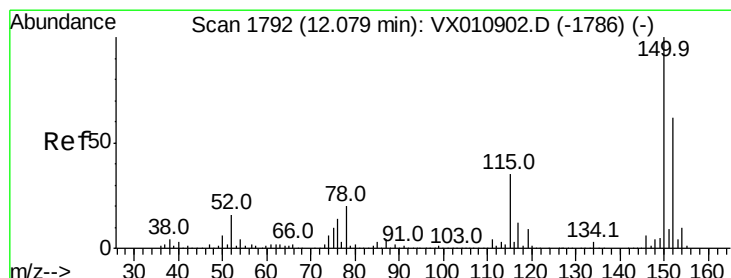
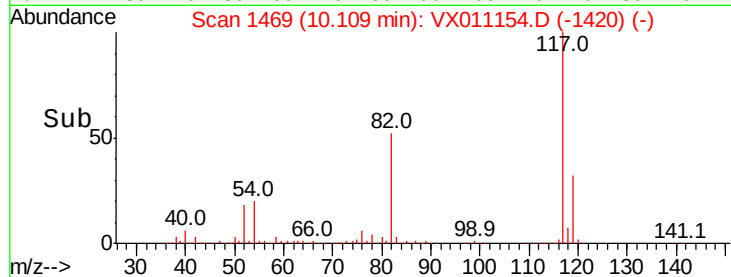
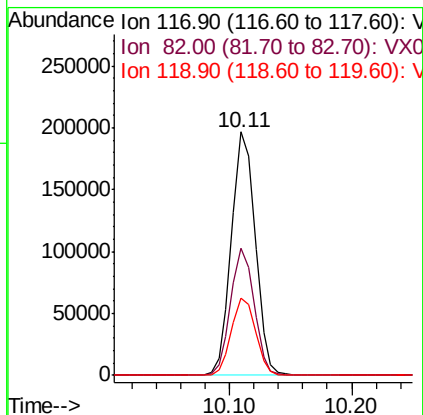
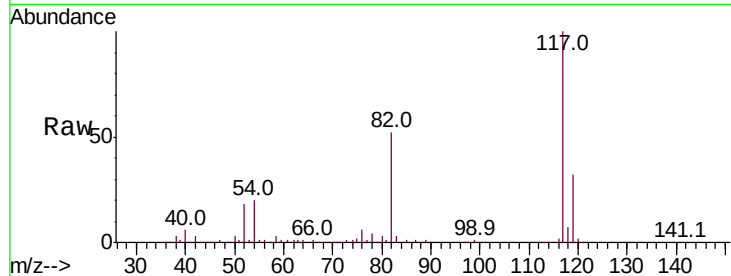




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011154.D
Acq: 29 Jul 2019 18:32

Instrument :
MSVOA_X
ClientSampled :
Z3-0679

Tot Ion:117 Resp: 265094
Ion Ratio Lower Upper
117 100
82 52.1 42.6 63.8
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011154.D
Acq: 29 Jul 2019 18:32

Tgt Ion:152 Resp: 123554
Ion Ratio Lower Upper
152 100
115 54.6 39.7 119.1
150 154.3 0.0 345.6

