

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011514.D
 Acq On : 13 Aug 2019 03:57
 Operator : JC/SP
 Sample : K4278-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0709

Quant Time: Aug 13 09:32:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

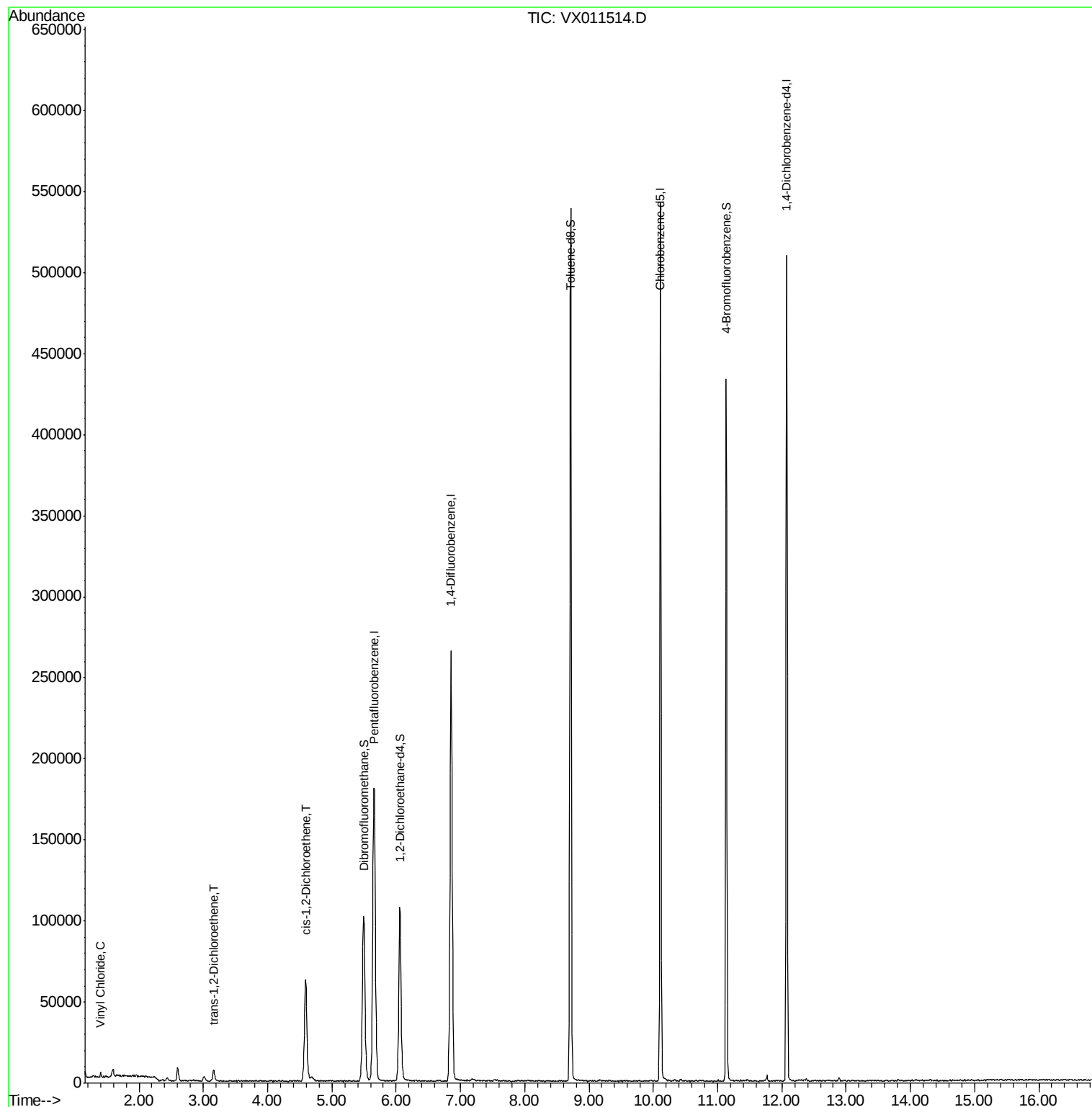
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	179073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	269847	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	239426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	101279	56.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.32%	
35) Dibromofluoromethane	5.49	113	84472	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	8.71	98	317578	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
62) 4-Bromofluorobenzene	11.13	95	103907	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1659	0.971	ug/l	93
21) trans-1,2-Dichloroethene	3.16	96	2648	1.536	ug/l #	81
27) cis-1,2-Dichloroethene	4.59	96	41719	21.015	ug/l	93

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

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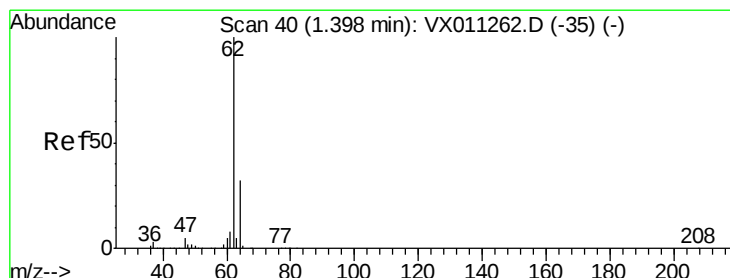
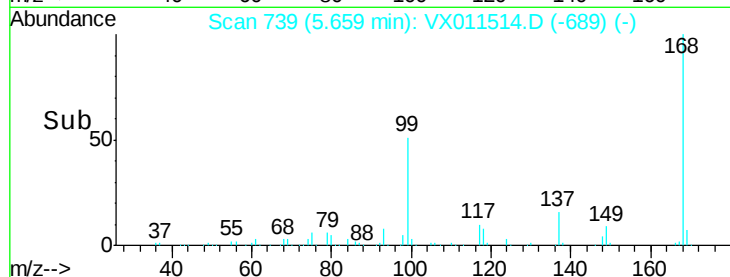
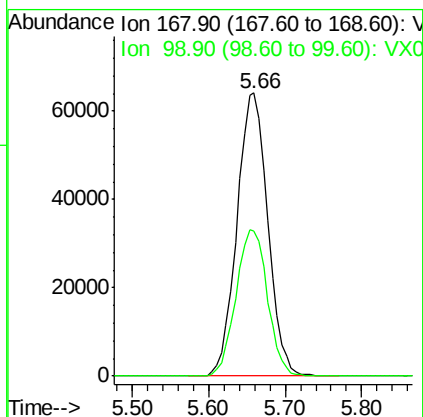
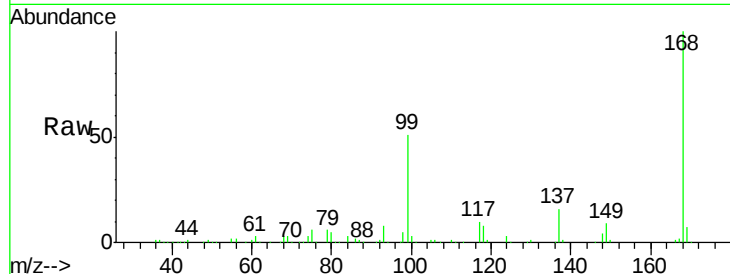




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011514.D
Acq: 13 Aug 2019 03:57

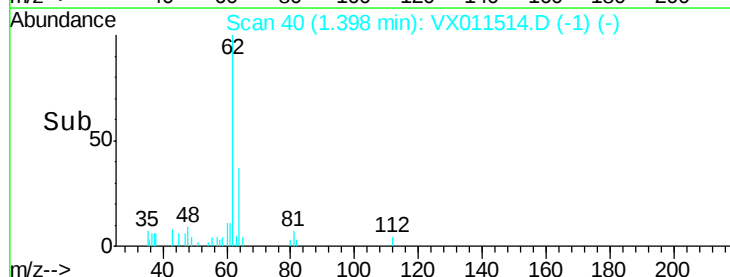
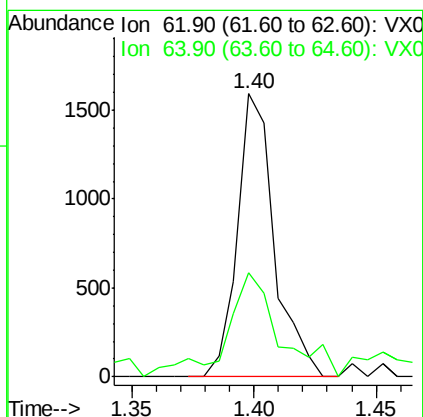
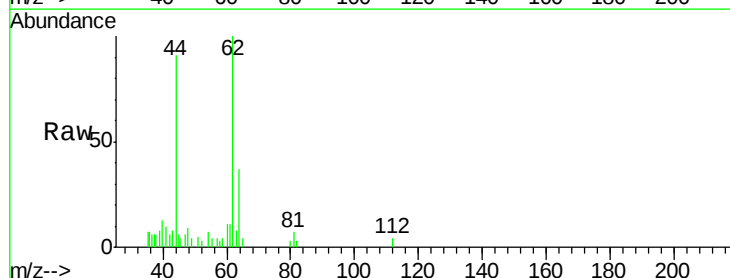
Instrument :
MSVOA_X
ClientSampleId :
Z3-0709

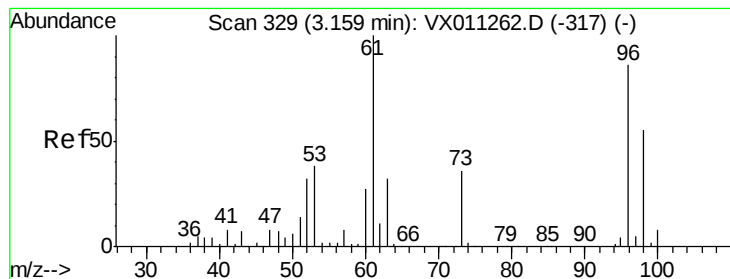
Tot Ion:168 Resp: 179073
Ion Ratio Lower Upper
168 100
99 51.3 38.5 57.7



#4
Vinyl Chloride
Concen: 0.971 ug/l
RT: 1.40 min Scan# 40
Delta R.T. 0.00 min
Lab File: VX011514.D
Acq: 13 Aug 2019 03:57

Tgt Ion: 62 Resp: 1659
Ion Ratio Lower Upper
62 100
64 36.6 26.0 39.0





#21

trans-1,2-Dichloroethene

Concen: 1.536 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011514.D

Acq: 13 Aug 2019 03:57

Instrument :

MSVOA_X

ClientSampleId :

Z3-0709

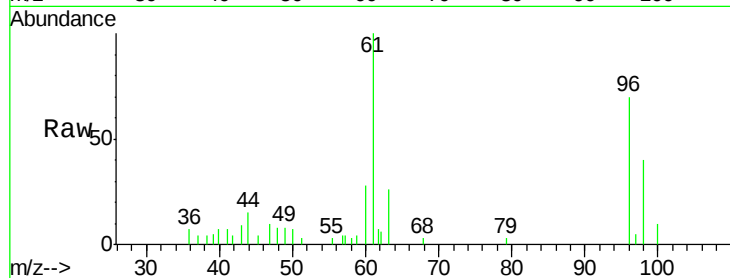
Tot Ion: 96 Resp: 2648

Ion Ratio Lower Upper

96 100

61 143.7 92.8 139.2#

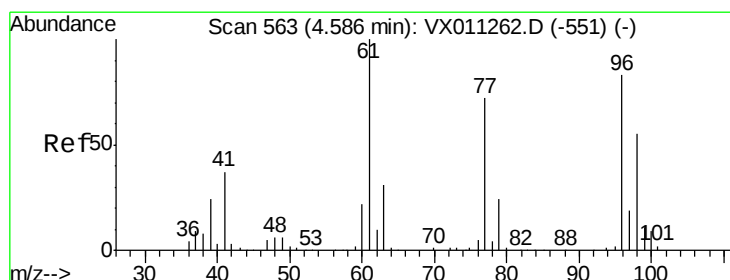
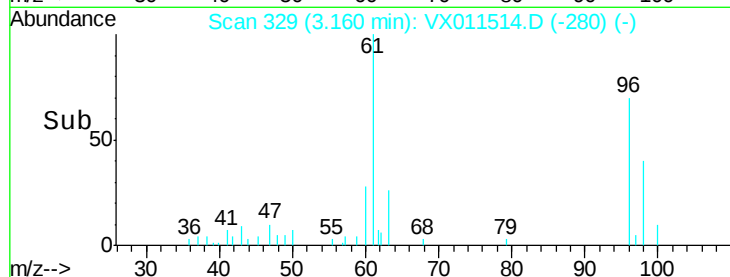
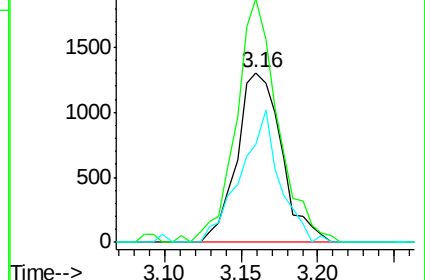
98 57.9 51.2 76.8



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: 21.015 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX011514.D

Acq: 13 Aug 2019 03:57

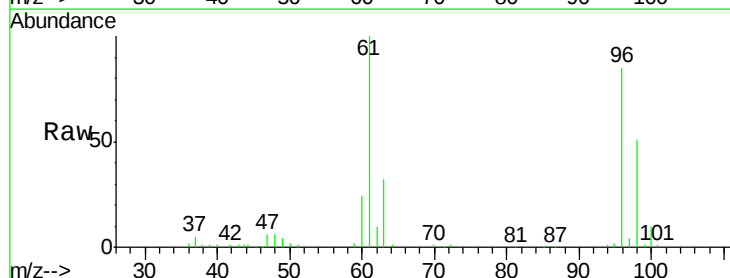
Tgt Ion: 96 Resp: 41719

Ion Ratio Lower Upper

96 100

61 119.7 0.0 260.2

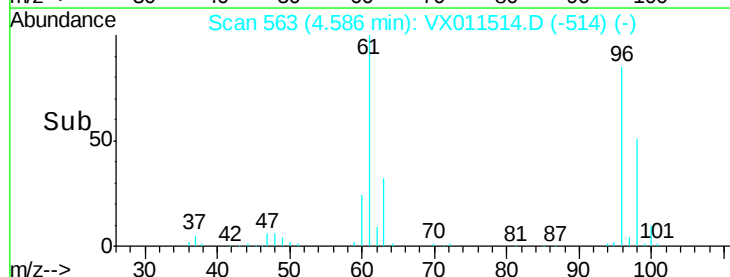
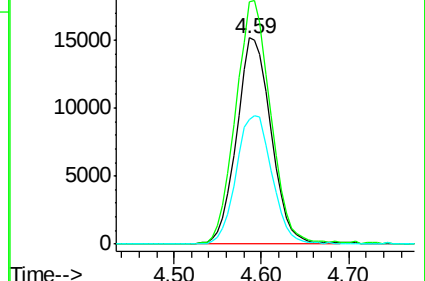
98 64.3 0.0 133.2

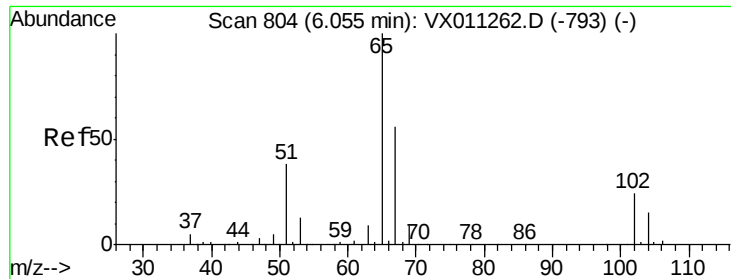


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

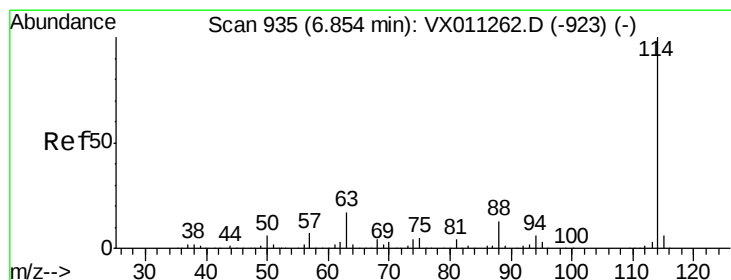
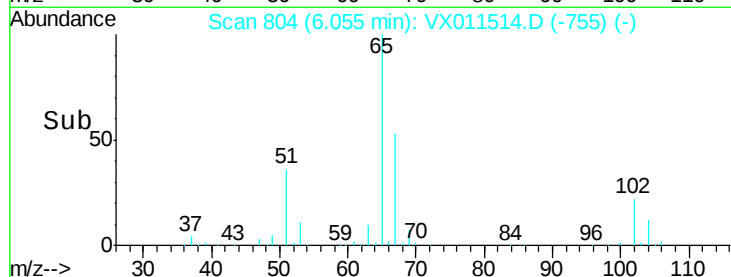
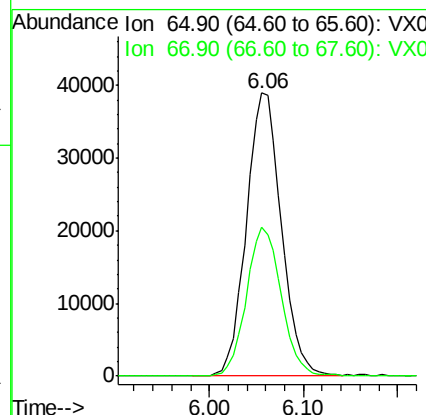
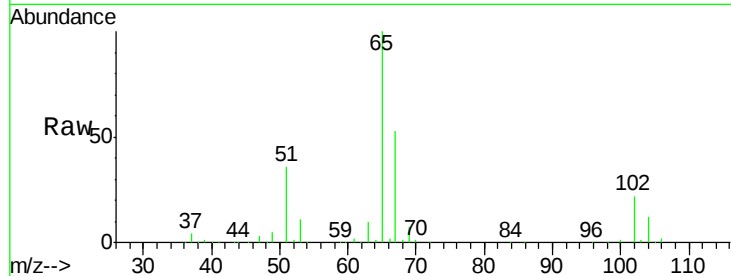




#33
 1,2-Dichloroethane-d4
 Concen: 56.161 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011514.D
 Acq: 13 Aug 2019 03:57

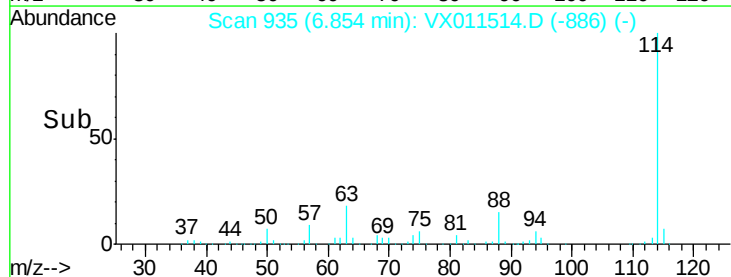
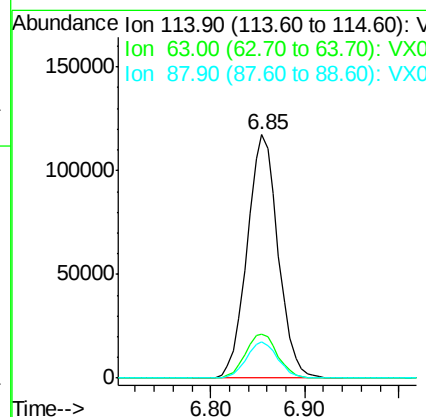
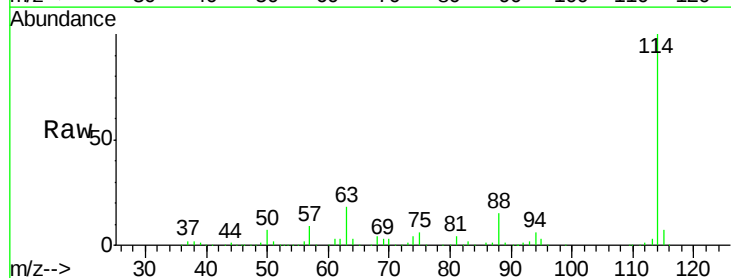
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0709

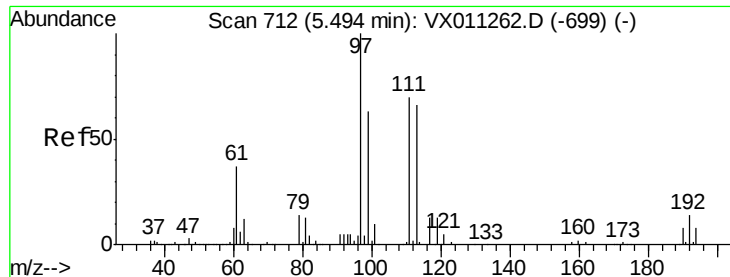
Tot Ion: 65 Resp: 101279
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011514.D
 Acq: 13 Aug 2019 03:57

Tgt Ion: 114 Resp: 269847
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.0
 88 14.8 0.0 26.4

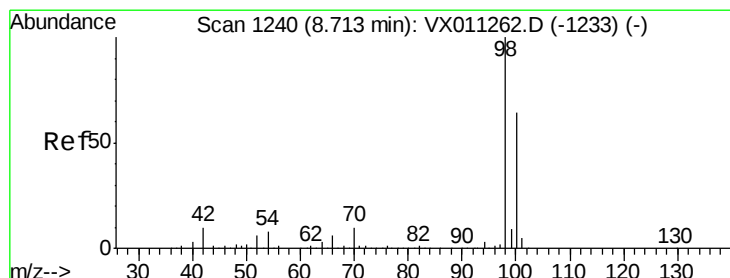
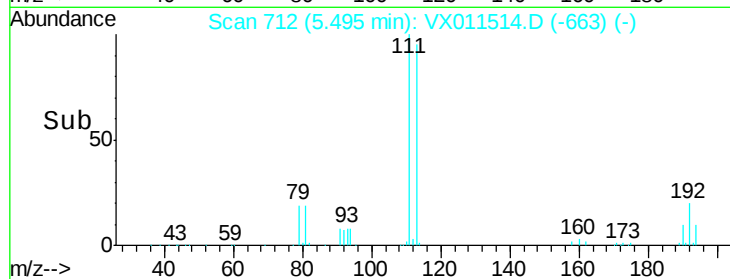
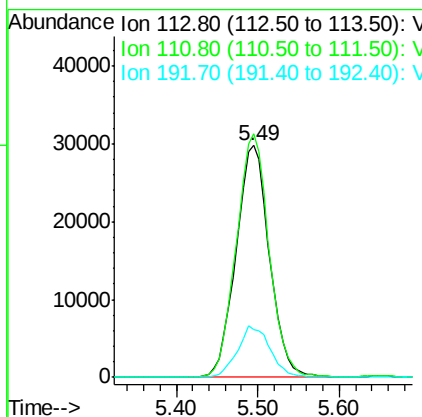
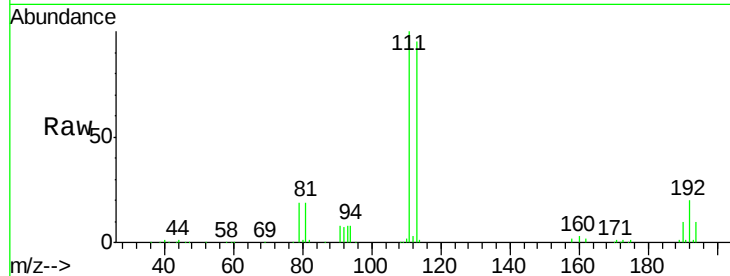




#35
 Dibromofluoromethane
 Concen: 47.947 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX011514.D
 Acq: 13 Aug 2019 03:57

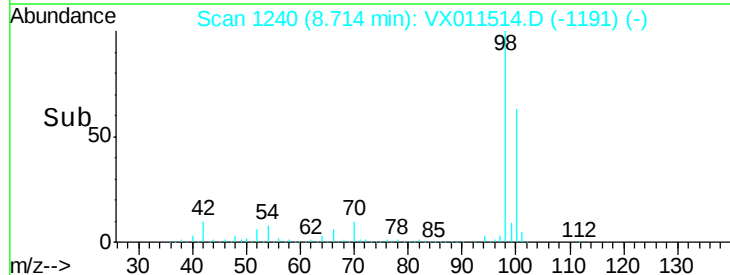
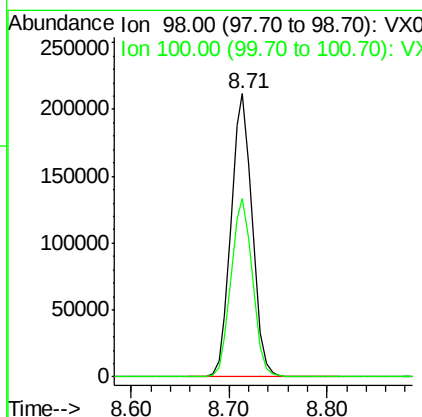
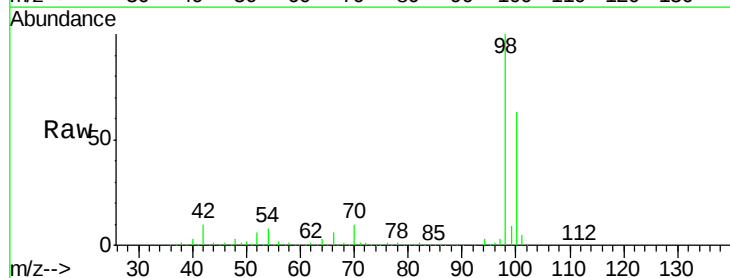
Instrument :
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 ClientSampleId :
 Z3-0709

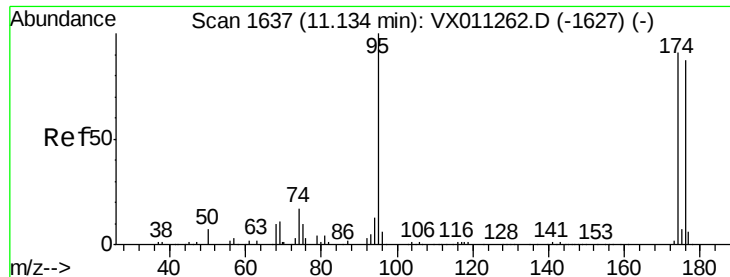
Tot Ion:113 Resp: 84472
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.9 122.9
 192 21.6 17.8 26.8



#50
 Toluene-d8
 Concen: 47.755 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX011514.D
 Acq: 13 Aug 2019 03:57

Tgt Ion: 98 Resp: 317578
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.7 77.5

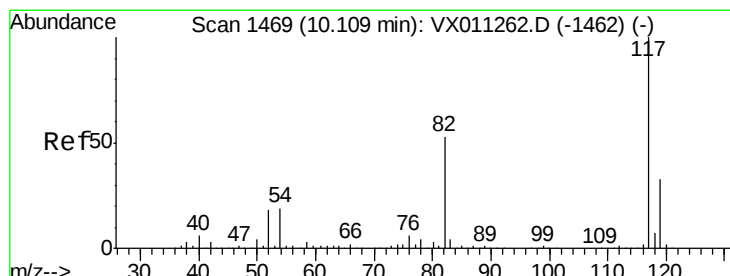
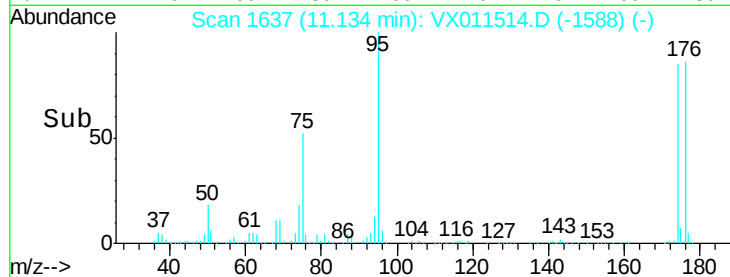
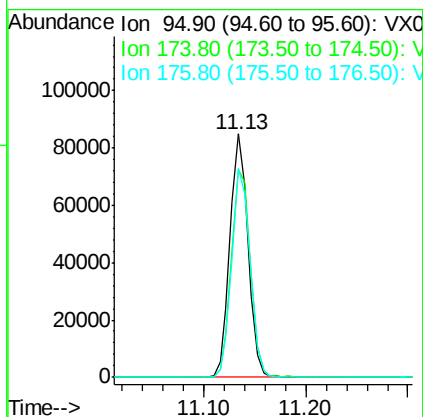
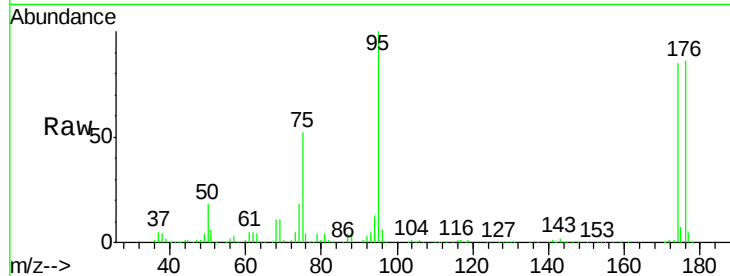




#62
4-Bromofluorobenzene
Concen: 43.763 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011514.D
Acq: 13 Aug 2019 03:57

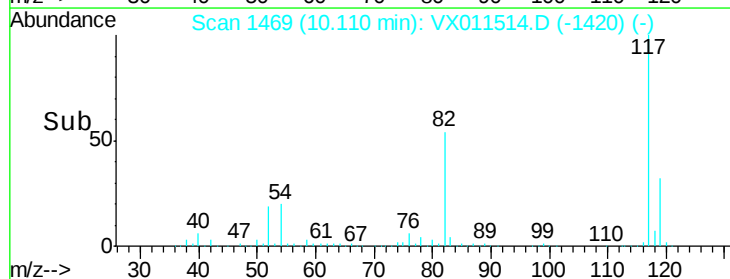
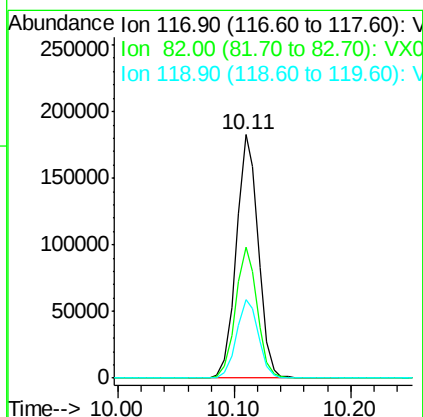
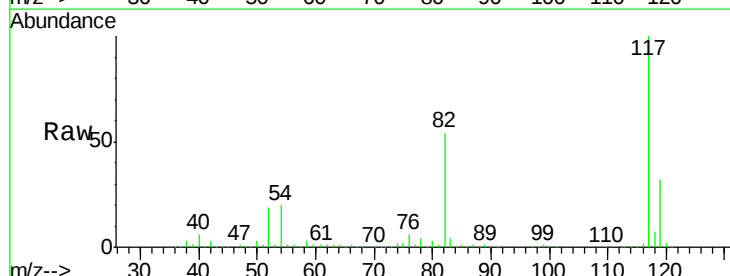
Instrument :
MSVOA_X
ClientSampled :
Z3-0709

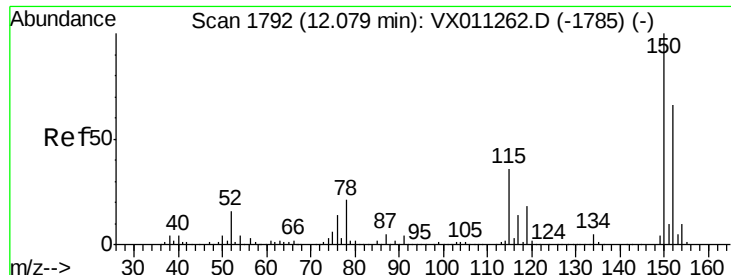
Tot Ion: 95 Resp: 103907
Ion Ratio Lower Upper
95 100
174 89.4 0.0 191.2
176 87.0 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011514.D
Acq: 13 Aug 2019 03:57

Tgt Ion: 117 Resp: 239426
Ion Ratio Lower Upper
117 100
82 53.6 42.2 63.2
119 32.1 26.6 39.8

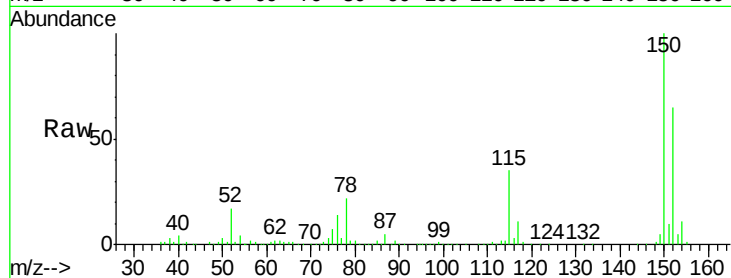




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011514.D
 Acq: 13 Aug 2019 03:57

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0709

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	40.0	119.9
150	155.9	0.0	350.4



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

