

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011519.D
 Acq On : 13 Aug 2019 05:54
 Operator : JC/SP
 Sample : K4278-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0703

Quant Time: Aug 13 09:41:55 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

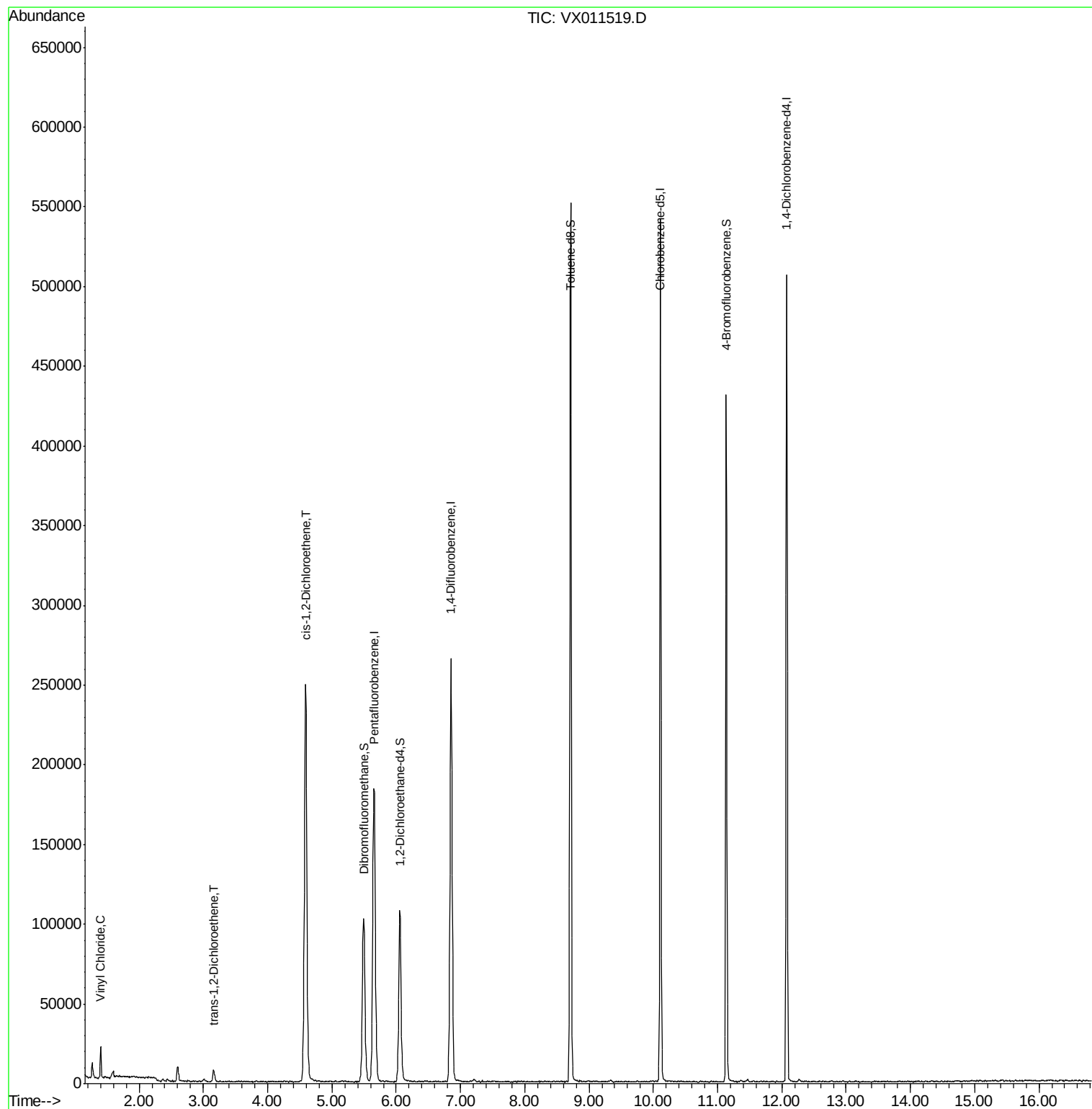
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109704	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102841	55.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.10%	
35) Dibromofluoromethane	5.49	113	85232	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	8.71	98	321773	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.13	95	103472	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
Target Compounds						
4) Vinyl Chloride	1.40	62	12976	7.399	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	3130	1.769	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	166722	81.809	ug/l	93

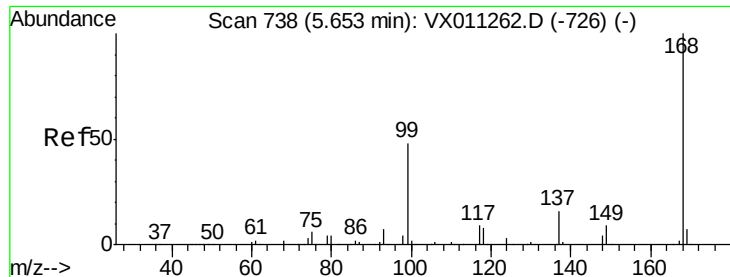
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011519.D

Acq: 13 Aug 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

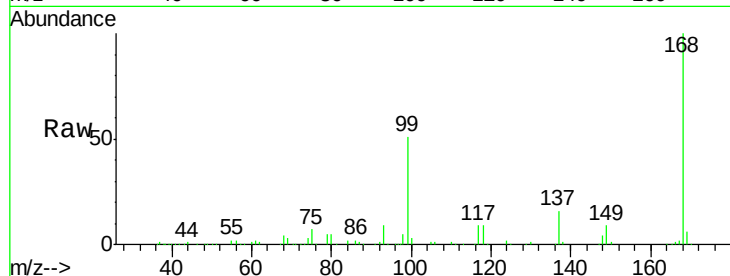
Z3-0703

Tot Ion:168 Resp: 183834

Ion Ratio Lower Upper

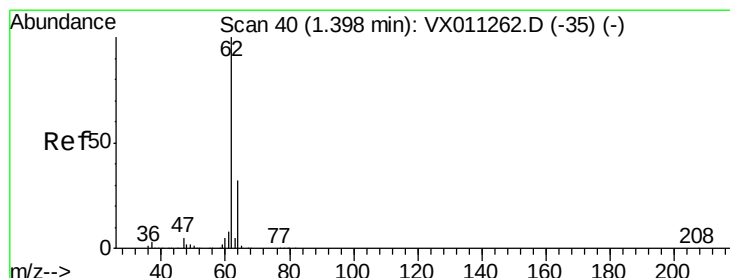
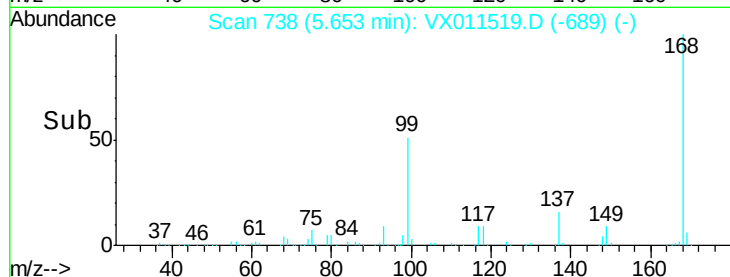
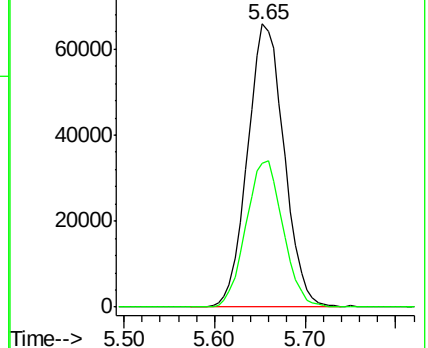
168 100

99 50.8 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 7.399 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011519.D

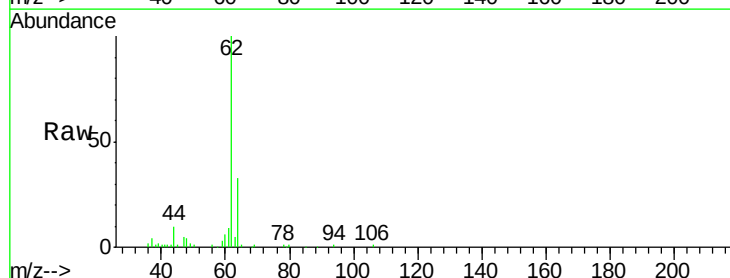
Acq: 13 Aug 2019 05:54

Tgt Ion: 62 Resp: 12976

Ion Ratio Lower Upper

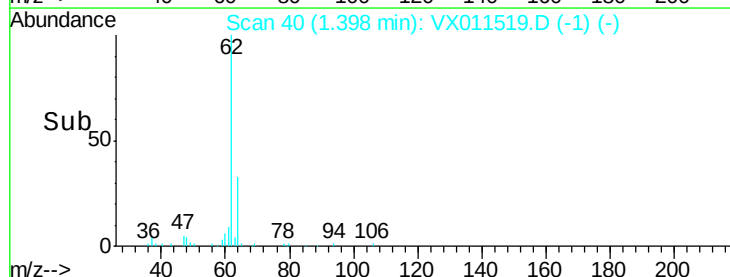
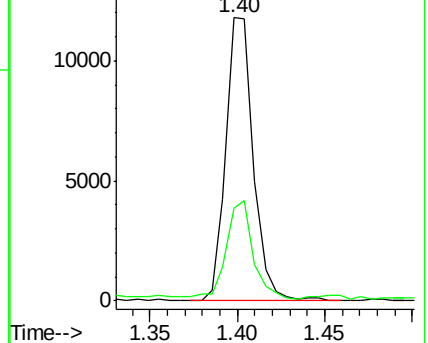
62 100

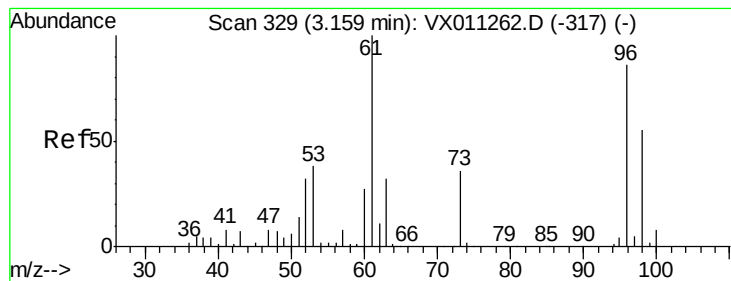
64 31.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.769 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011519.D

Acq: 13 Aug 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

Z3-0703

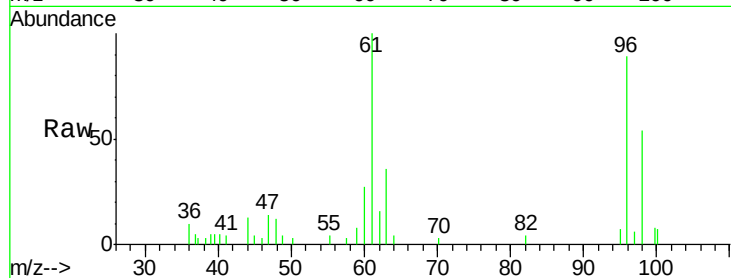
Tot Ion: 96 Resp: 3130

Ion Ratio Lower Upper

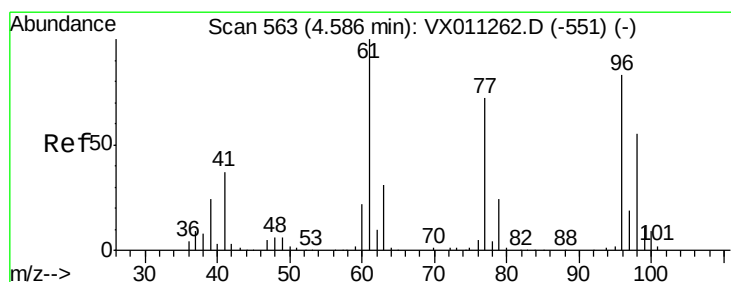
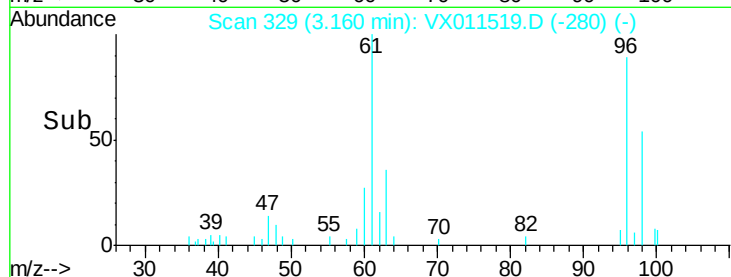
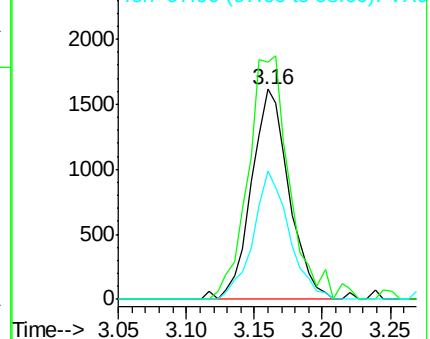
96 100

61 112.9 92.8 139.2

98 61.2 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: 81.809 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX011519.D

Acq: 13 Aug 2019 05:54

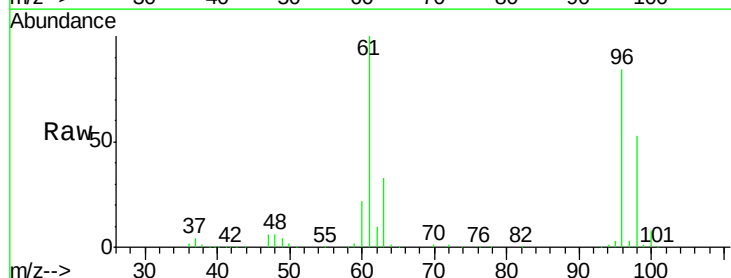
Tgt Ion: 96 Resp: 166722

Ion Ratio Lower Upper

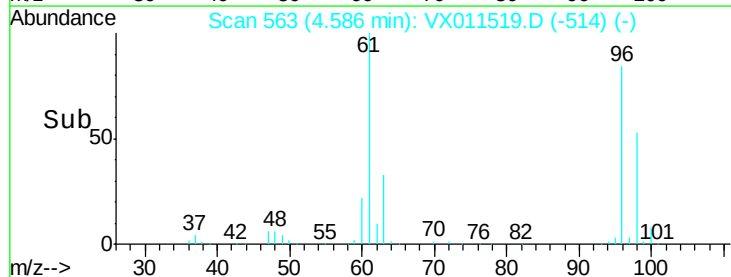
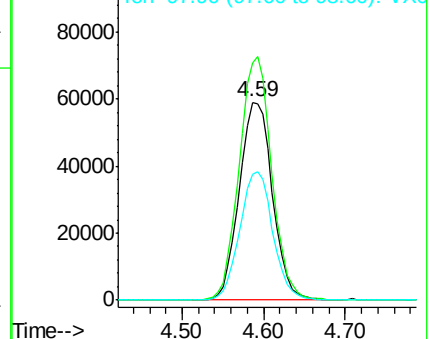
96 100

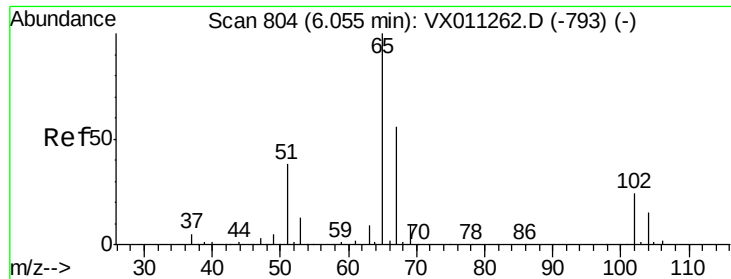
61 120.0 0.0 260.2

98 64.6 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

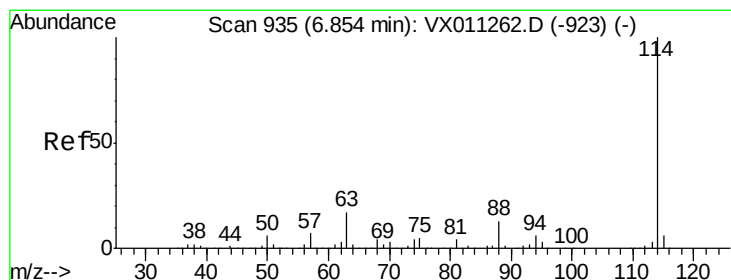
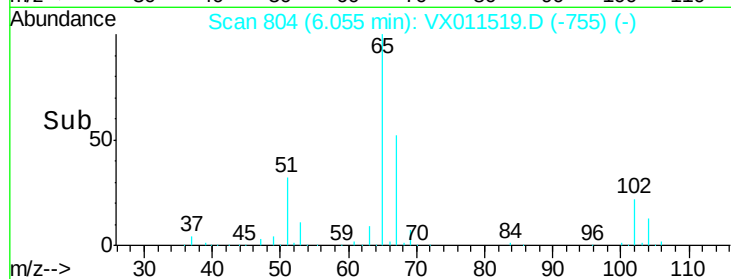
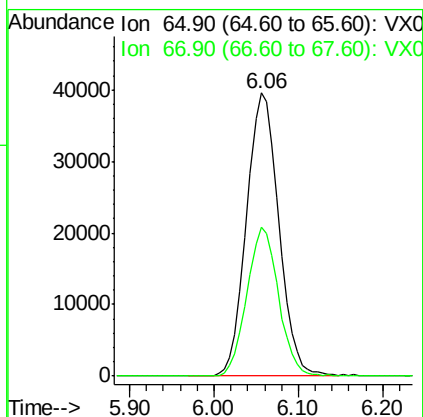
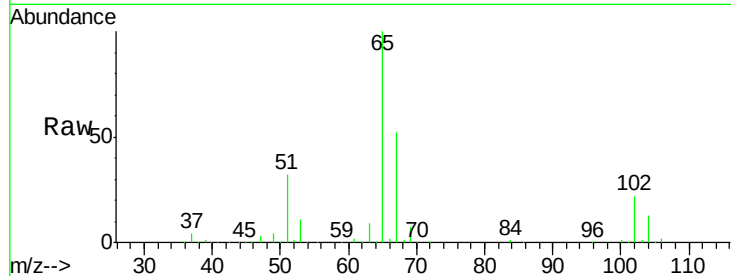




#33
 1,2-Dichloroethane-d4
 Concen: 55.550 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011519.D
 Acq: 13 Aug 2019 05:54

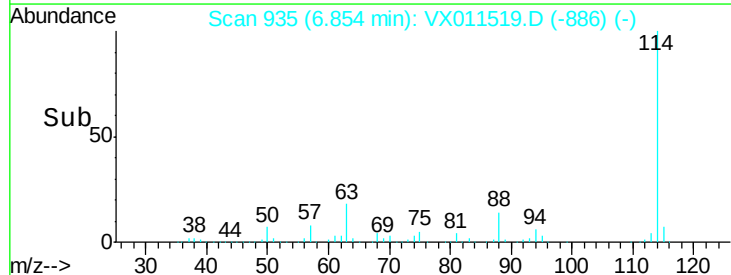
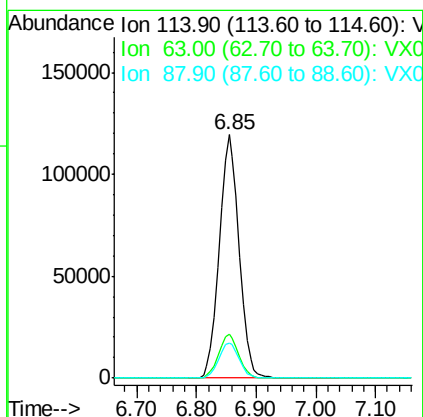
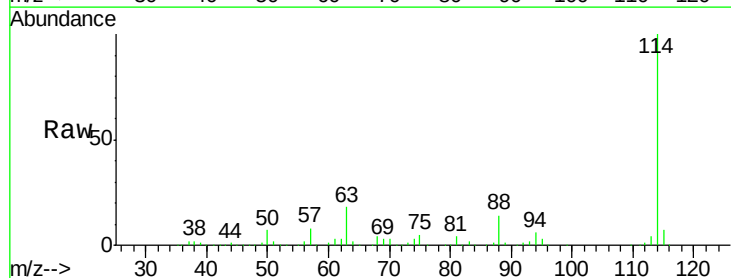
Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0703

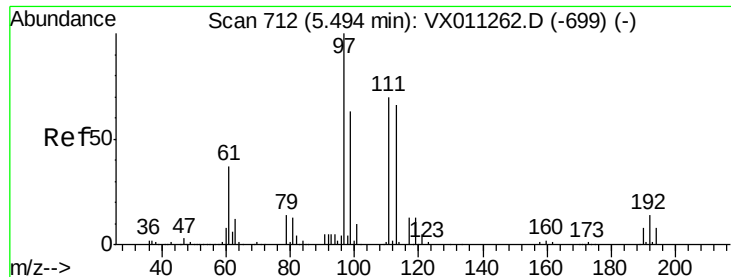
Tot Ion: 65 Resp: 102841
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011519.D
 Acq: 13 Aug 2019 05:54

Tgt Ion: 114 Resp: 274974
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.0
 88 14.4 0.0 26.4





#35

Dibromofluoromethane

Concen: 47.477 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011519.D

Acq: 13 Aug 2019 05:54

Instrument :

MSVOA_X

ClientSampleId :

Z3-0703

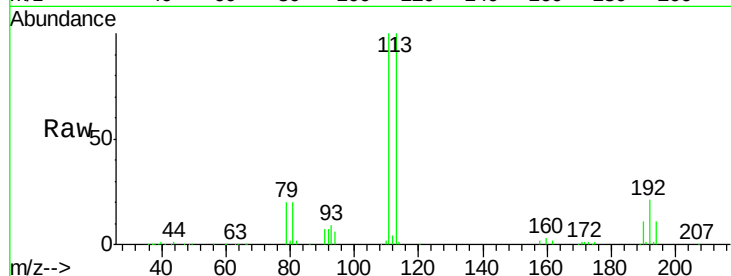
Tot Ion:113 Resp: 85232

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

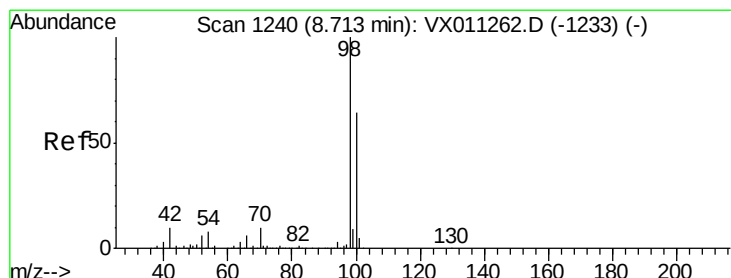
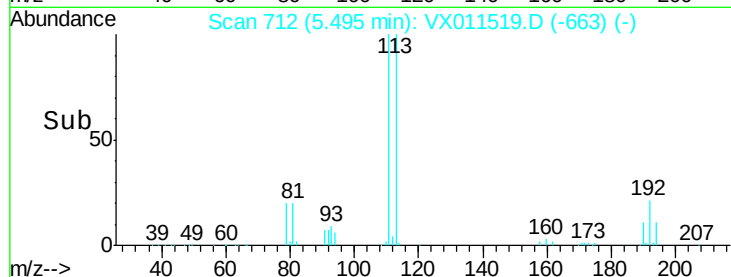
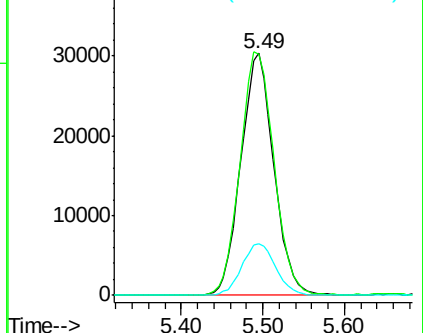
192 22.1 17.8 26.8



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



#50

Toluene-d8

Concen: 47.484 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011519.D

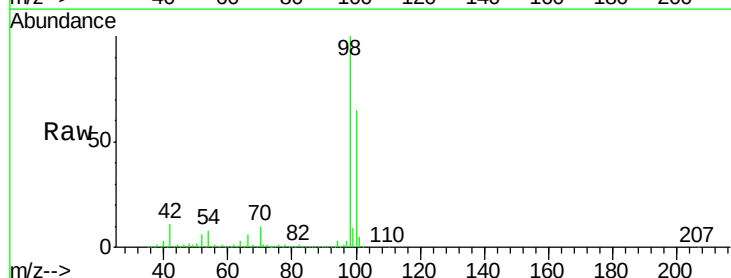
Acq: 13 Aug 2019 05:54

Tgt Ion: 98 Resp: 321773

Ion Ratio Lower Upper

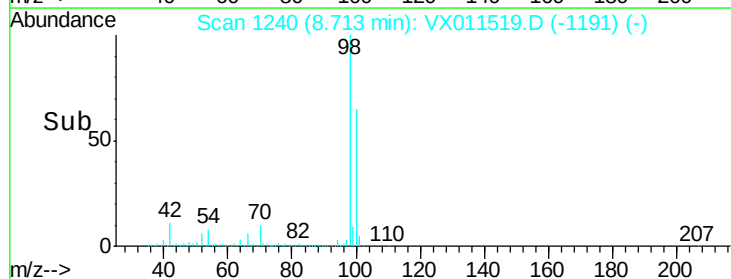
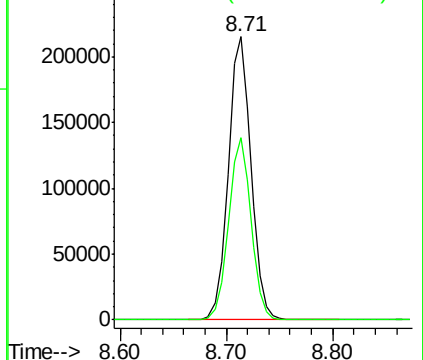
98 100

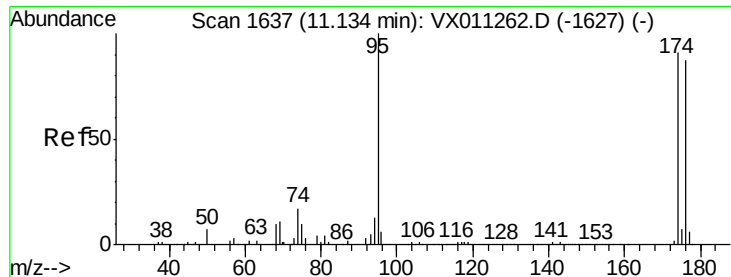
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

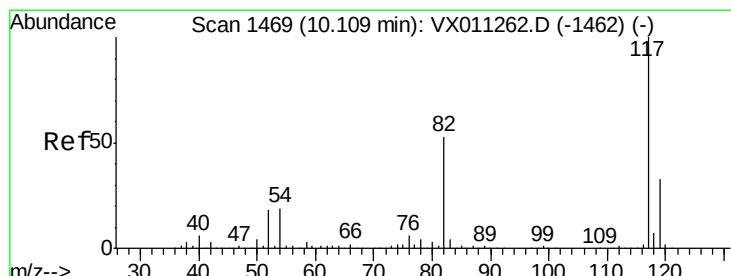
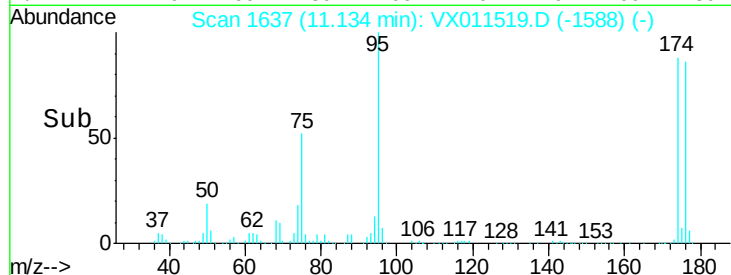
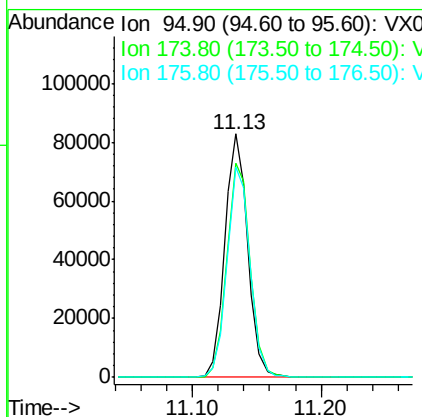
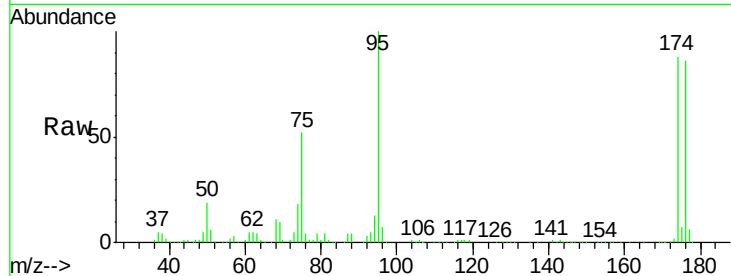




#62
4-Bromofluorobenzene
Concen: 42.768 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011519.D
Acq: 13 Aug 2019 05:54

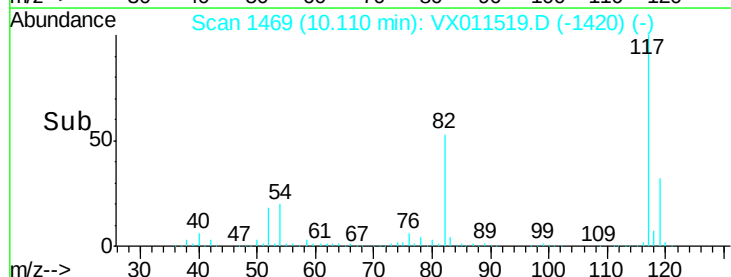
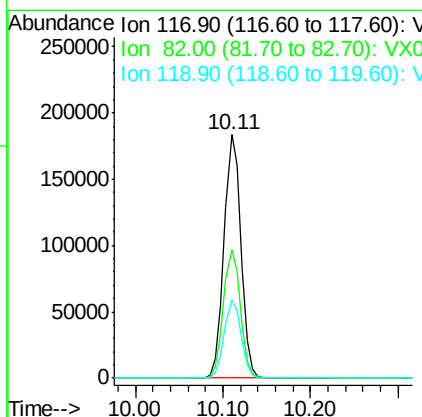
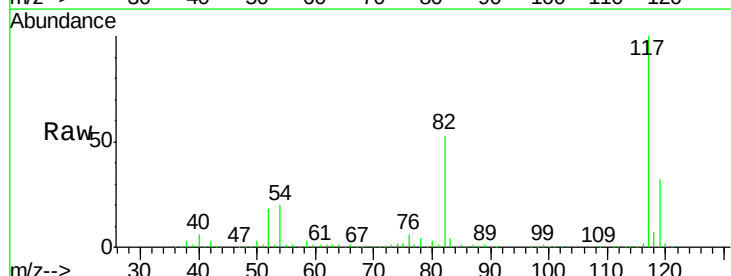
Instrument :
MSVOA_X
ClientSampled :
Z3-0703

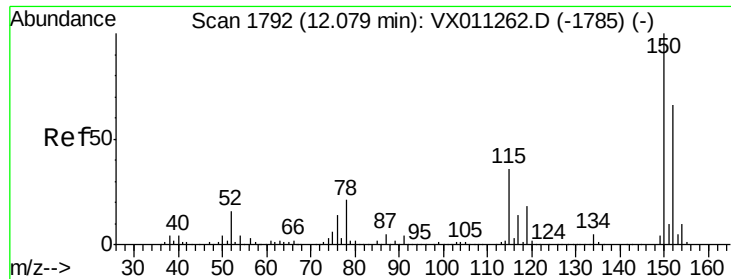
Tot Ion: 95 Resp: 103472
Ion Ratio Lower Upper
95 100
174 89.9 0.0 191.2
176 87.2 0.0 184.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011519.D
Acq: 13 Aug 2019 05:54

Tgt Ion: 117 Resp: 244149
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.2
119 32.1 26.6 39.8

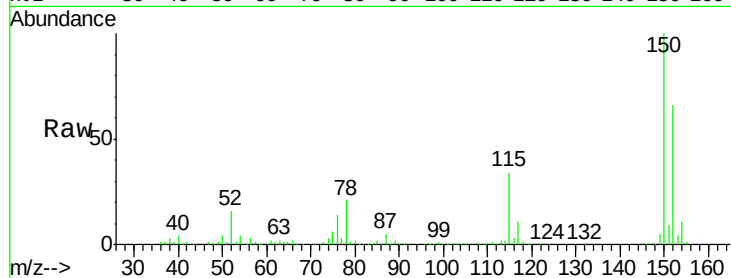




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011519.D
 Acq: 13 Aug 2019 05:54

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0703

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	40.0	119.9
150	155.0	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

