

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012673.D
 Acq On : 26 Sep 2019 14:52
 Operator : JC/SP
 Sample : K5048-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0525

Quant Time: Sep 27 00:33:46 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

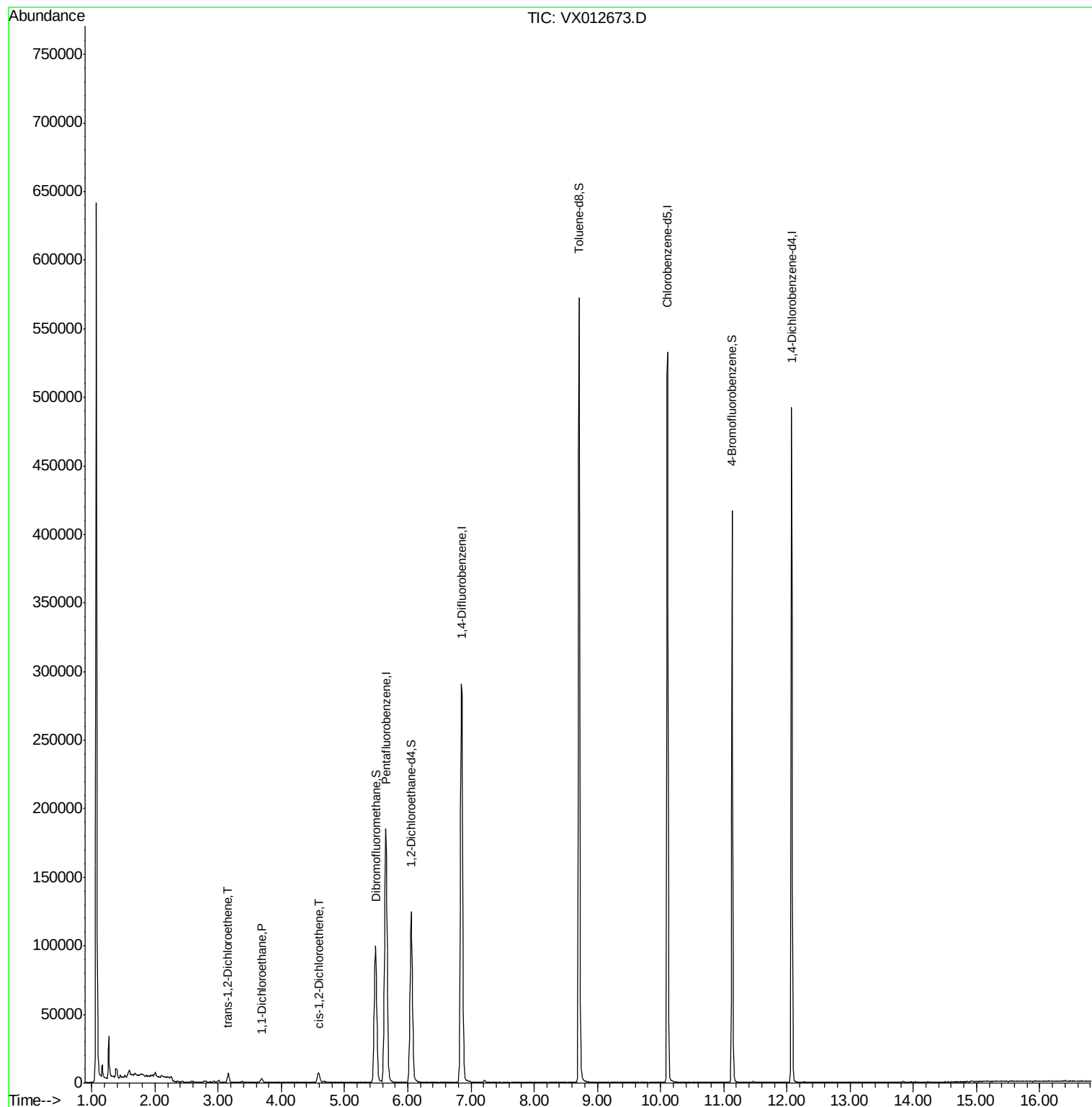
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	283020	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	238652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95405	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	119690	50.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.38%	
35) Dibromofluoromethane	5.49	113	84577	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	8.71	98	332251	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.14	95	116453	45.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.26%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.16	96	2627	1.360	ug/l	96
24) 1,1-Dichloroethane	3.69	63	3167	0.872	ug/l #	92
27) cis-1,2-Dichloroethene	4.59	96	4426	1.975	ug/l	88

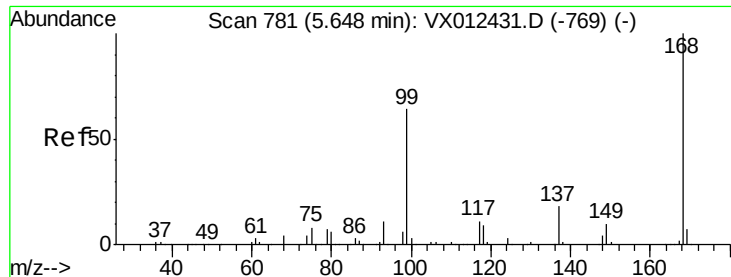
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012673.D

Acq: 26 Sep 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

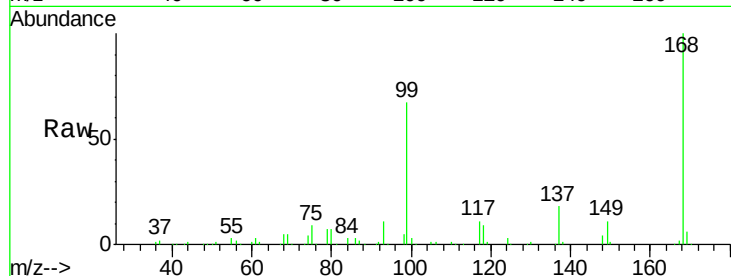
S49-0525

Tot Ion:168 Resp: 162155

Ion Ratio Lower Upper

168 100

99 66.7 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

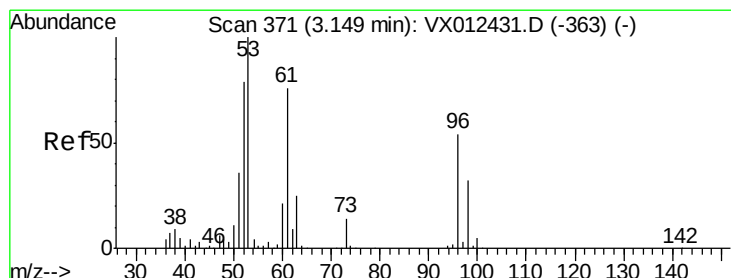
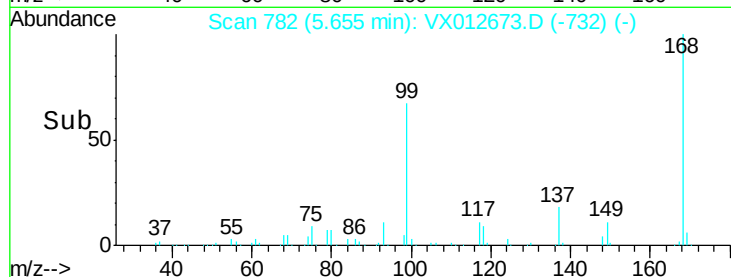
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#21

trans-1,2-Dichloroethene

Concen: 1.360 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012673.D

Acq: 26 Sep 2019 14:52

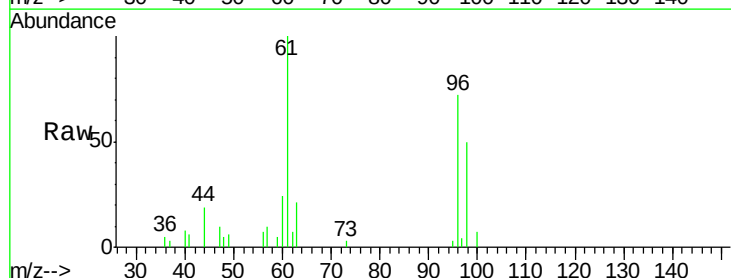
Tgt Ion: 96 Resp: 2627

Ion Ratio Lower Upper

96 100

61 139.0 112.0 168.0

98 68.9 47.8 71.8



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

2500

2000

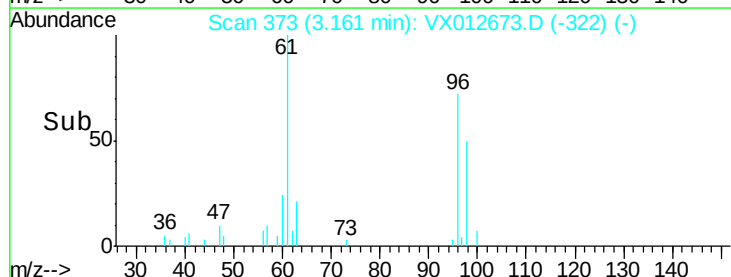
1500

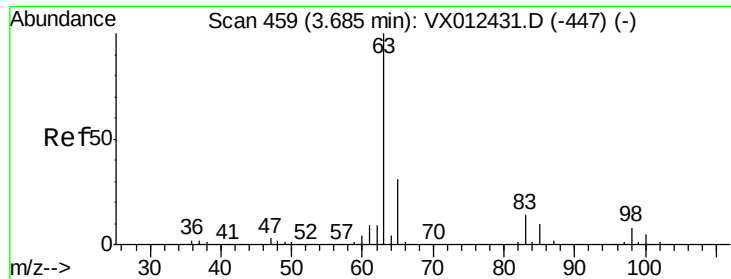
1000

500

0

Time--> 3.10 3.15 3.20





#24

1,1-Dichloroethane

Concen: 0.872 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012673.D

Acq: 26 Sep 2019 14:52

Instrument :

MSVOA_X

ClientSampleId :

S49-0525

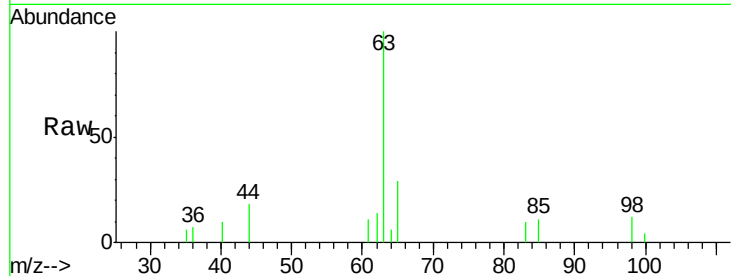
Tot Ion: 63 Resp: 3167

Ion Ratio Lower Upper

63 100

98 11.8 3.9 11.7#

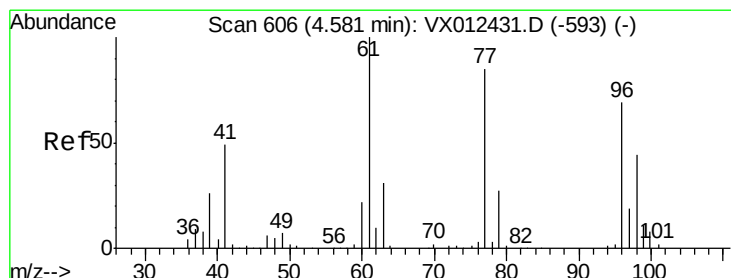
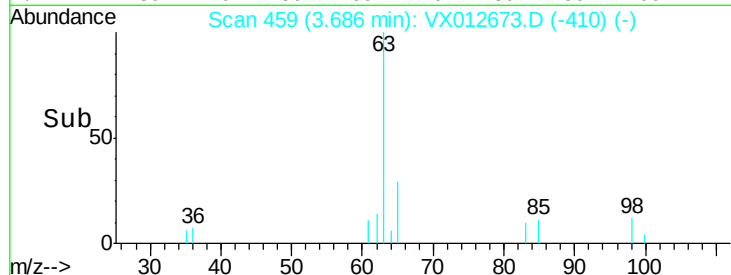
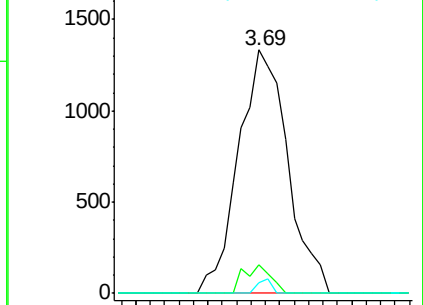
100 4.2 2.3 6.9



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: 1.975 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012673.D

Acq: 26 Sep 2019 14:52

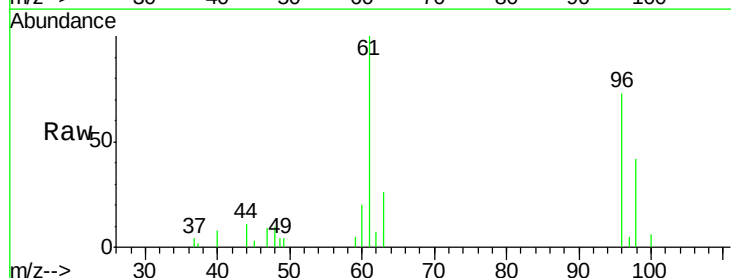
Tgt Ion: 96 Resp: 4426

Ion Ratio Lower Upper

96 100

61 139.0 0.0 319.4

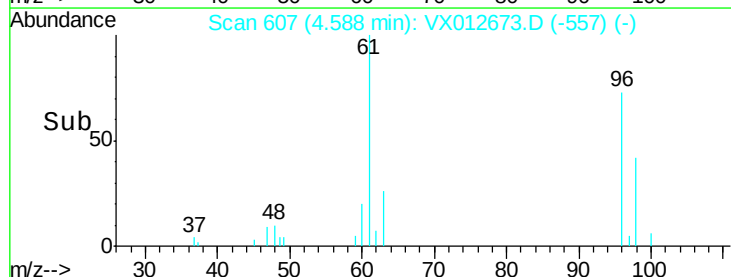
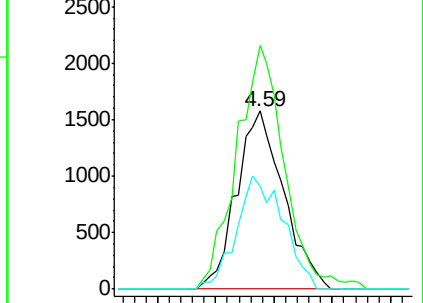
98 62.9 0.0 130.6

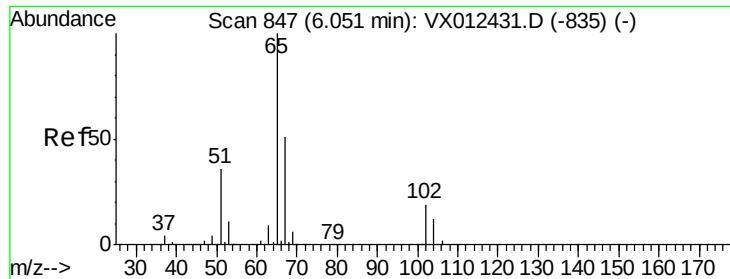


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

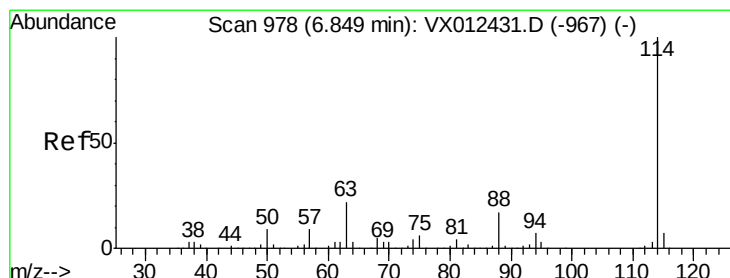
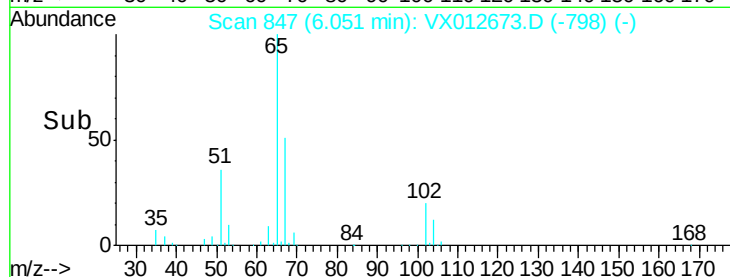
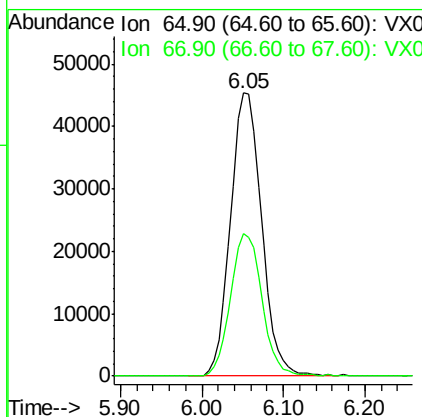
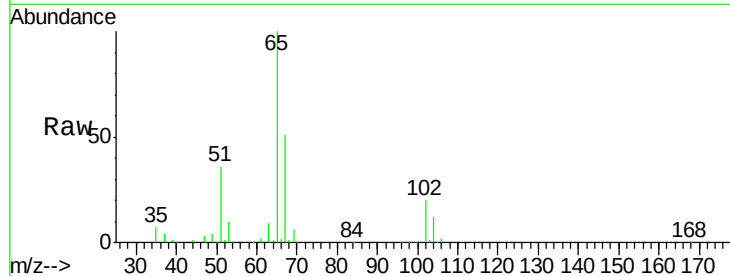




#33
 1,2-Dichloroethane-d4
 Concen: 50.688 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012673.D
 Acq: 26 Sep 2019 14:52

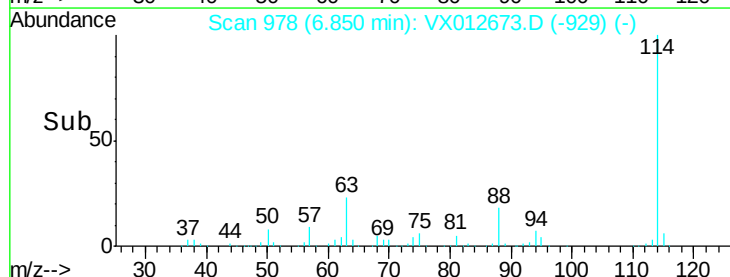
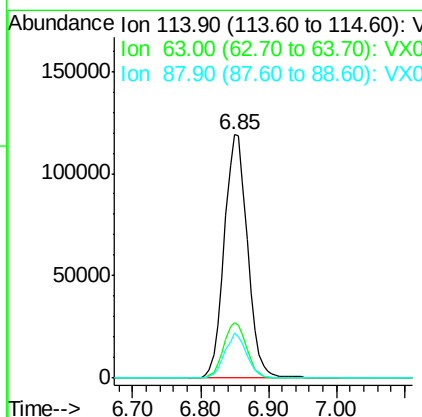
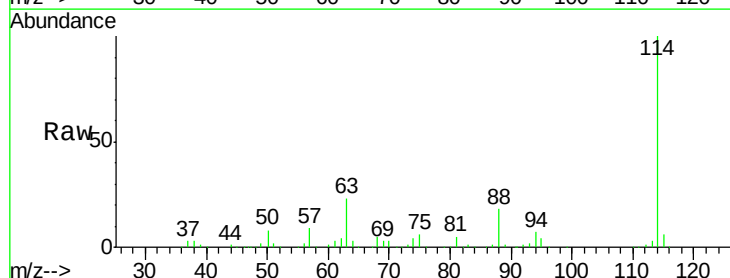
Instrument :
 MSVOA_X
 ClientSampled :
 S49-0525

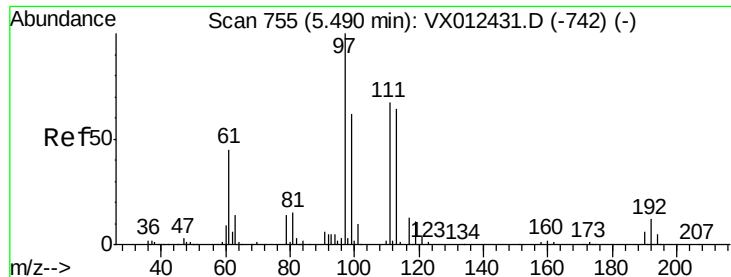
Tot Ion: 65 Resp: 119690
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012673.D
 Acq: 26 Sep 2019 14:52

Tgt Ion: 114 Resp: 283020
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.2
 88 18.4 0.0 33.2

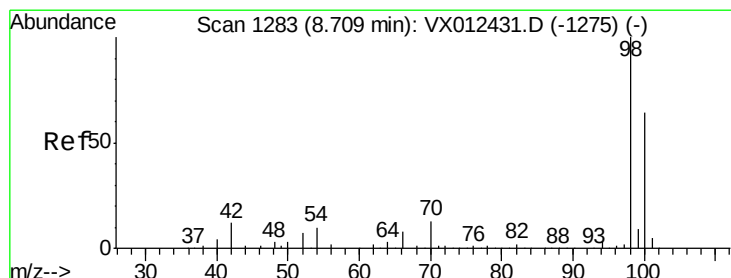
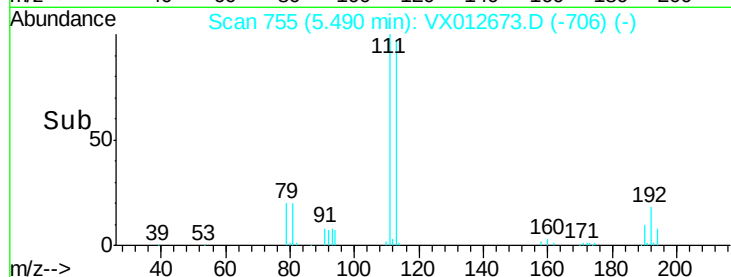
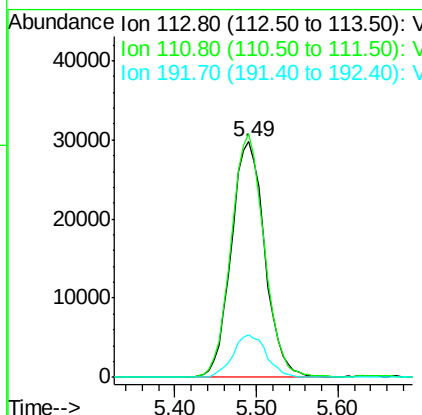
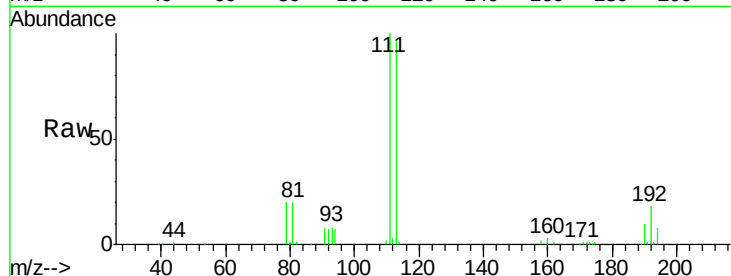




#35
 Dibromofluoromethane
 Concen: 50.179 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012673.D
 Acq: 26 Sep 2019 14:52

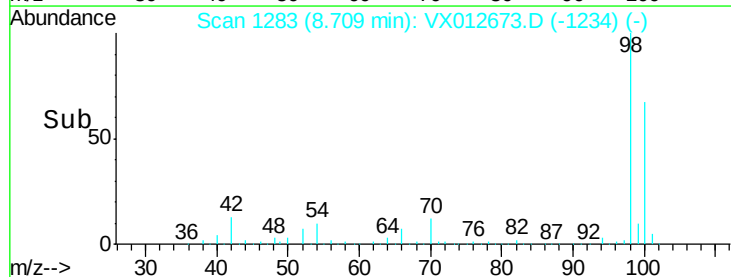
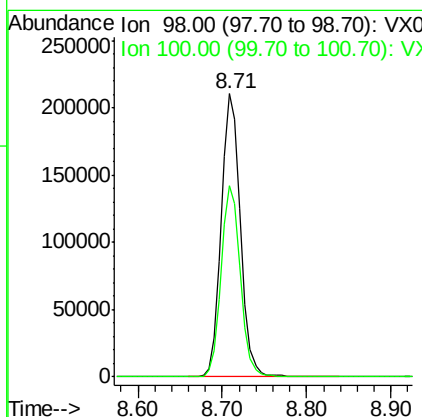
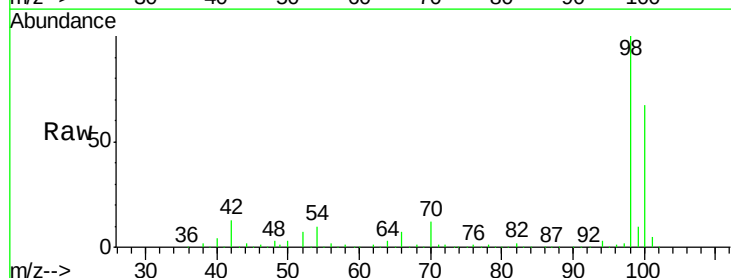
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0525

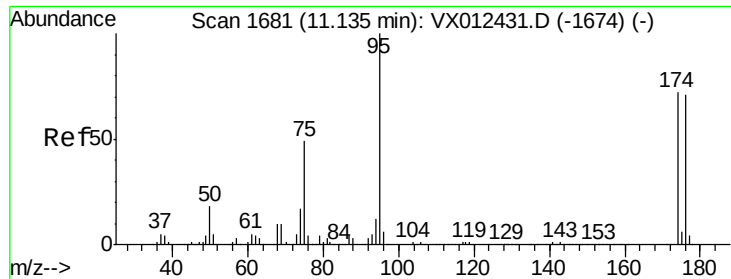
Tot Ion:113 Resp: 84577
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.4 125.2
 192 18.2 14.4 21.6



#50
 Toluene-d8
 Concen: 51.186 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012673.D
 Acq: 26 Sep 2019 14:52

Tgt Ion: 98 Resp: 332251
 Ion Ratio Lower Upper
 98 100
 100 67.6 53.4 80.2

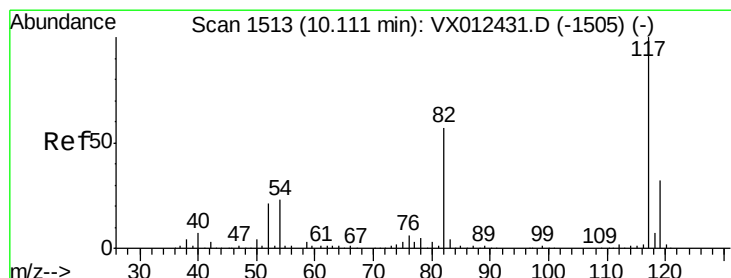
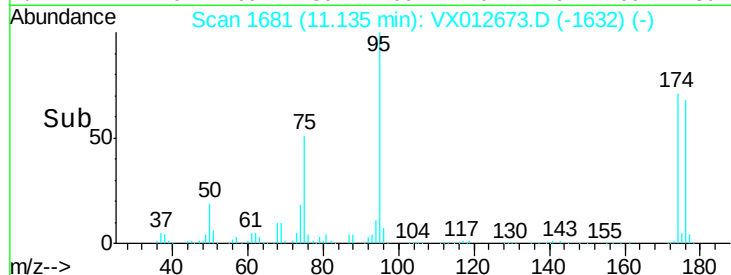
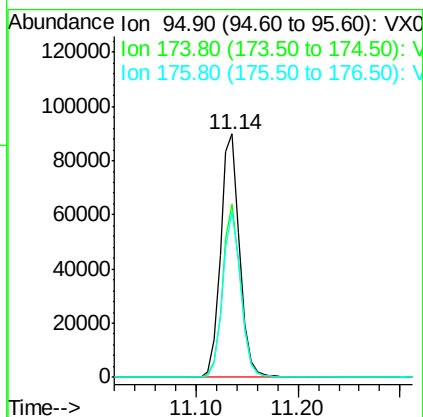
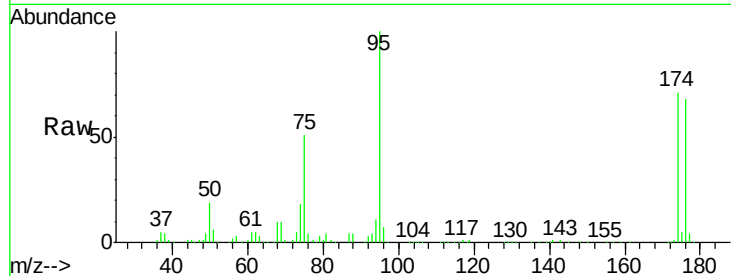




#62
 4-Bromofluorobenzene
 Concen: 45.627 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012673.D
 Acq: 26 Sep 2019 14:52

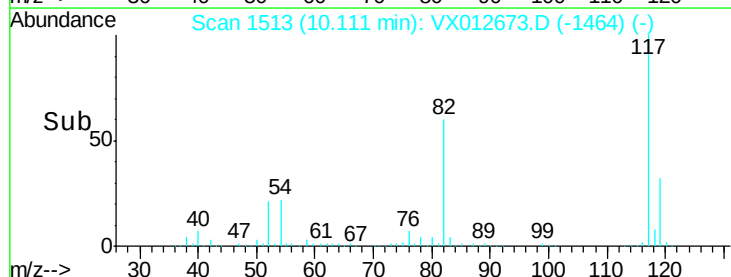
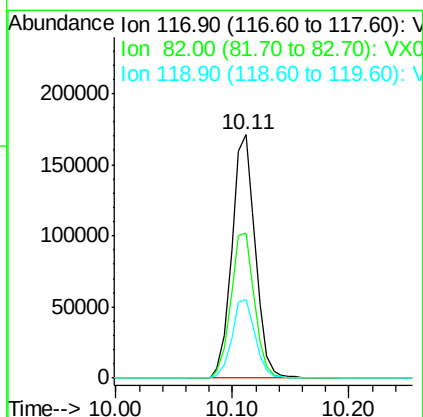
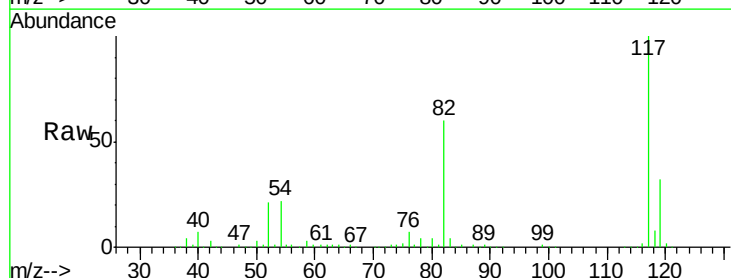
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0525

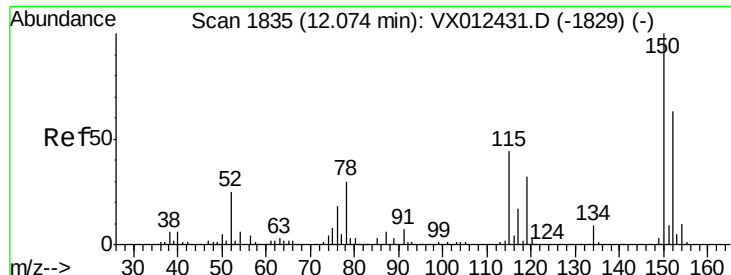
Tot Ion: 95 Resp: 116453
 Ion Ratio Lower Upper
 95 100
 174 67.5 0.0 140.0
 176 65.0 0.0 135.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: VX012673.D
 Acq: 26 Sep 2019 14:52

Tgt Ion: 117 Resp: 238652
 Ion Ratio Lower Upper
 117 100
 82 59.7 45.9 68.9
 119 32.2 25.3 37.9

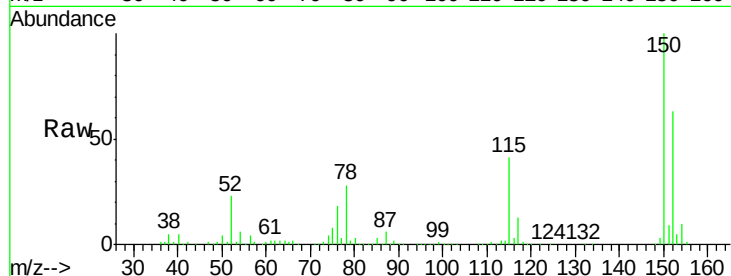




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012673.D
 Acq: 26 Sep 2019 14:52

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0525

Tot Ion	Ratio	Lower	Upper
152	100		
115	65.4	44.1	132.3
150	154.8	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

