

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
 Data File : VX010693.D
 Acq On : 08 Jul 2019 14:15
 Operator : JC/SP
 Sample : K3669-06DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701DL

Quant Time: Jul 09 01:43:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

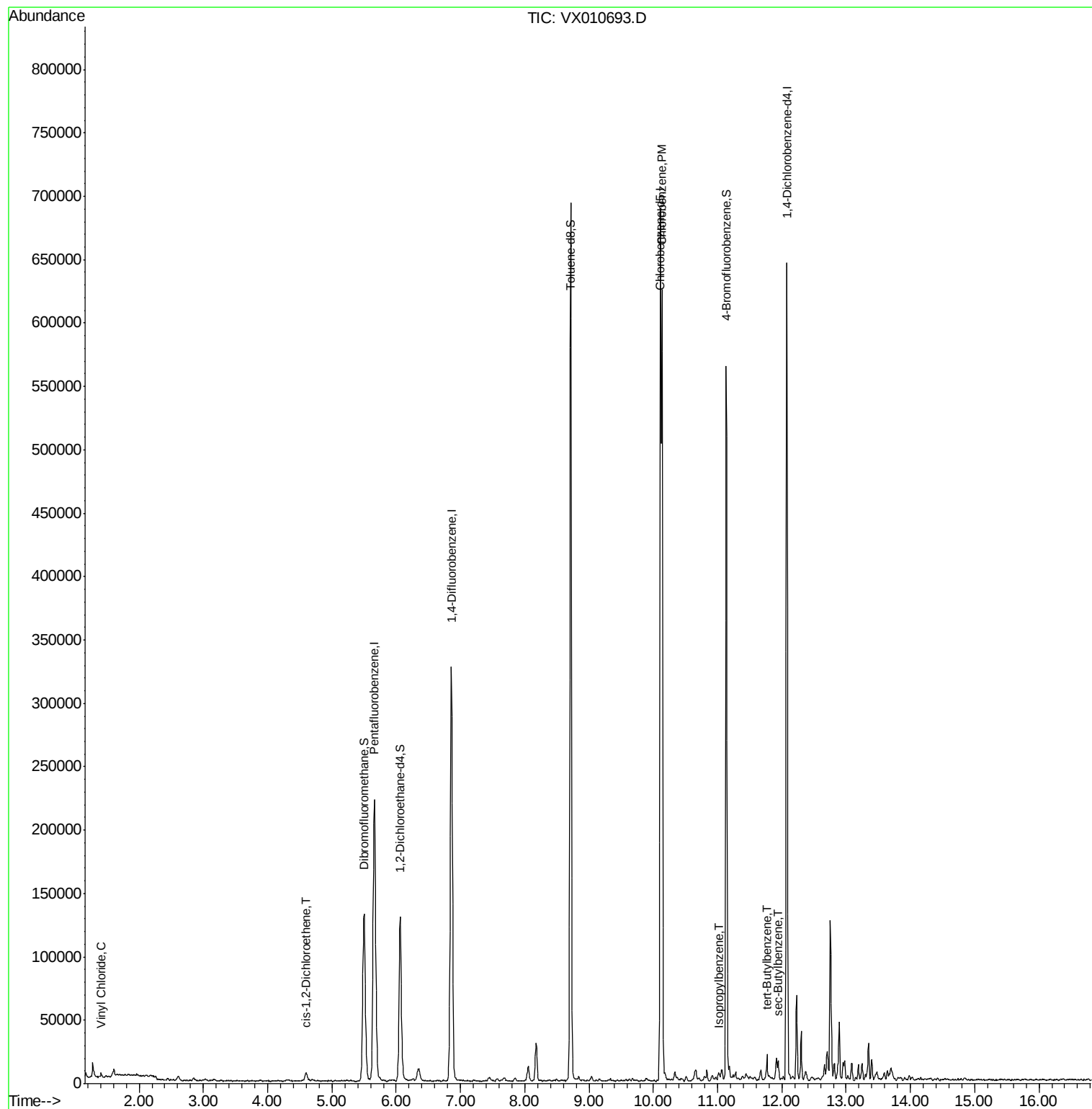
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	358616	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	321052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	144287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117208	53.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.74%	
35) Dibromofluoromethane	5.50	113	110958	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
50) Toluene-d8	8.71	98	424222	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	11.13	95	139227	45.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.88%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1678	0.816	ug/l #	85
27) cis-1,2-Dichloroethene	4.59	96	4422	1.769	ug/l	91
65) Chlorobenzene	10.14	112	279957	42.952	ug/l	100
73) Isopropylbenzene	11.02	105	3154	0.322	ug/l	99
83) tert-Butylbenzene	11.77	119	6983	0.863	ug/l	89
85) sec-Butylbenzene	11.94	105	6547	0.689	ug/l #	55

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

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010693.D

Acq: 08 Jul 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

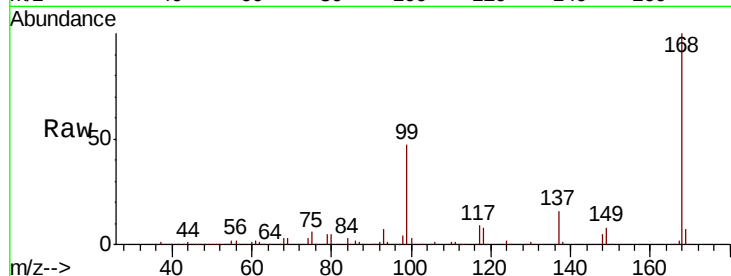
DUP-0533-190701DL

Tgt Ion: 168 Resp: 232042

Ion Ratio Lower Upper

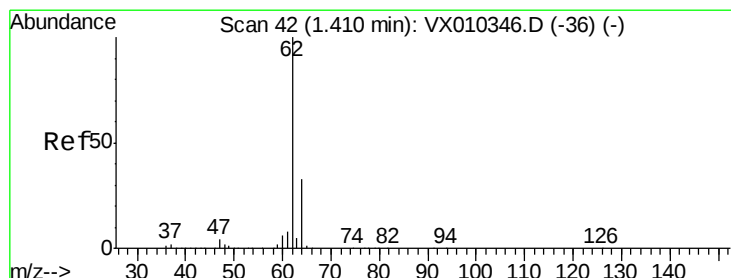
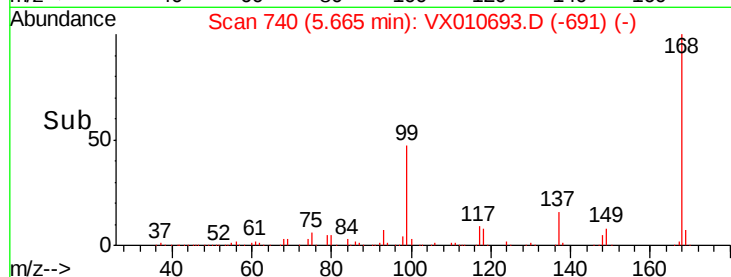
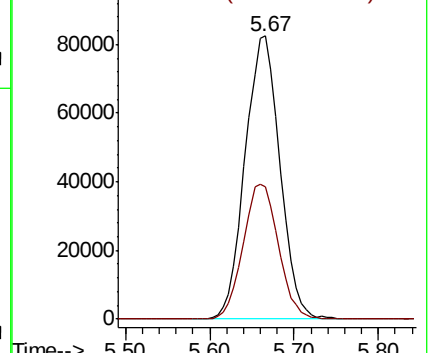
168 100

99 46.9 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.816 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010693.D

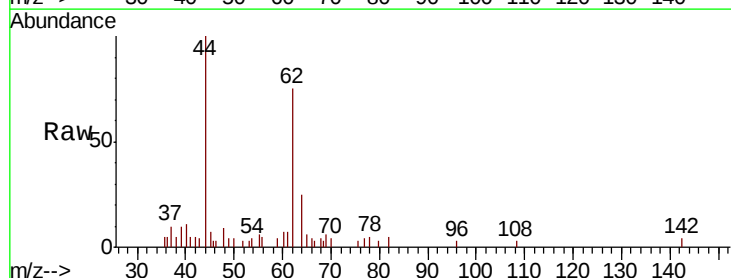
Acq: 08 Jul 2019 14:15

Tgt Ion: 62 Resp: 1678

Ion Ratio Lower Upper

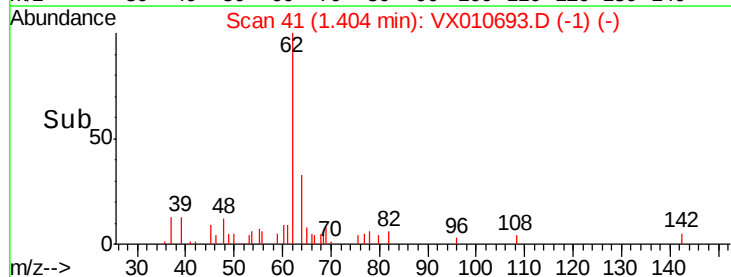
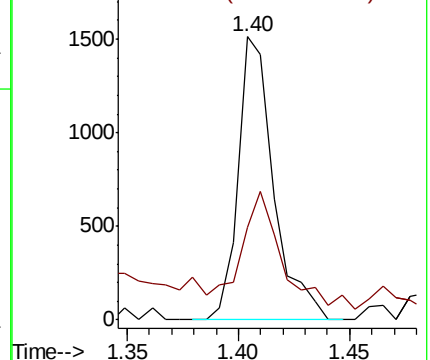
62 100

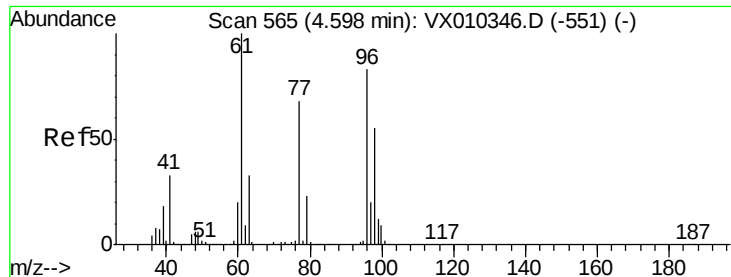
64 24.1 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



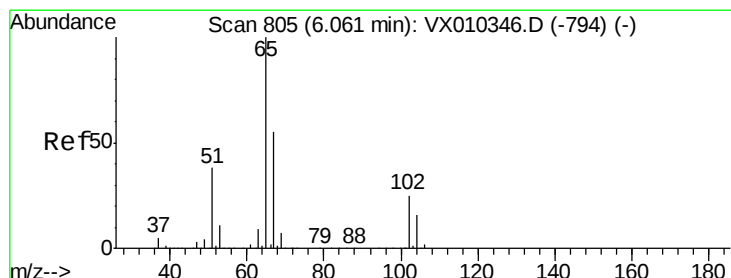
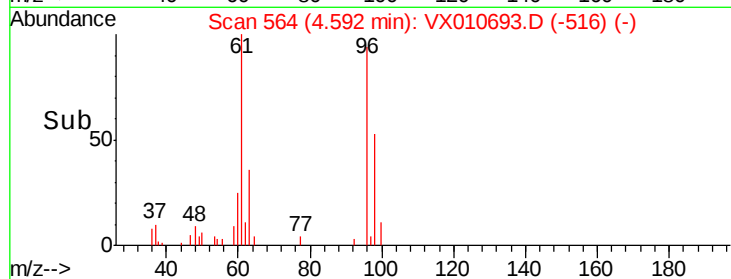
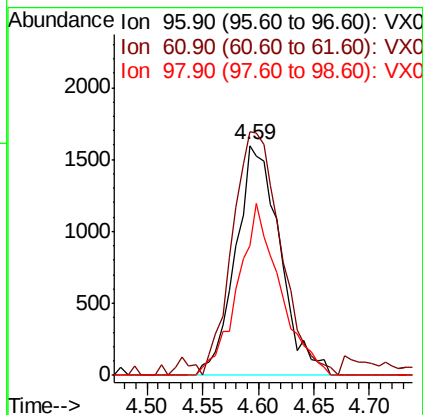
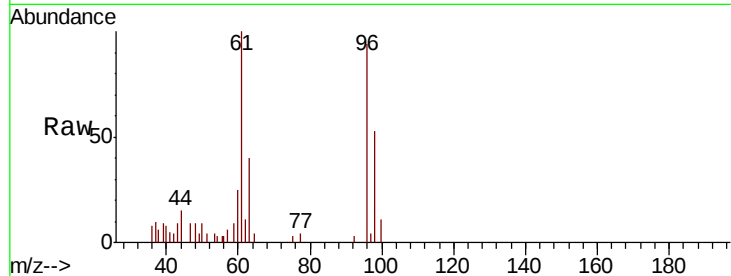


#27

cis-1,2-Dichloroethene
 Concen: 1.769 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010693.D
 Acq: 08 Jul 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701DL

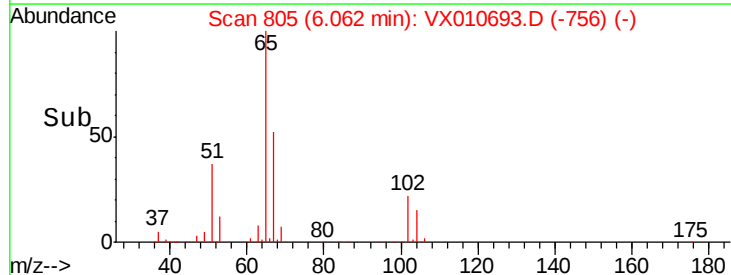
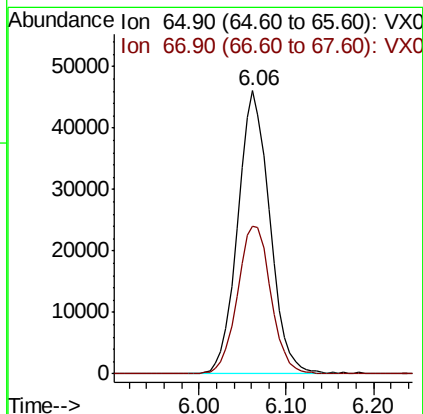
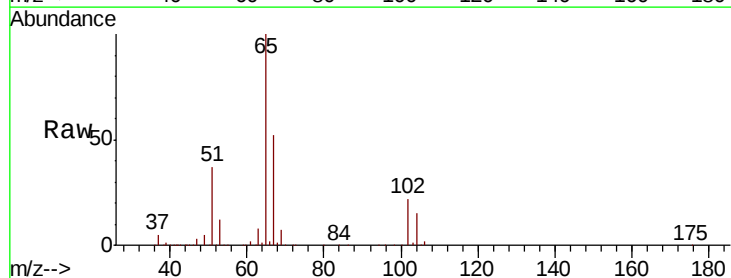
Tgt Ion: 96 Resp: 4422
 Ion Ratio Lower Upper
 96 100
 61 115.4 0.0 251.8
 98 71.0 0.0 129.4

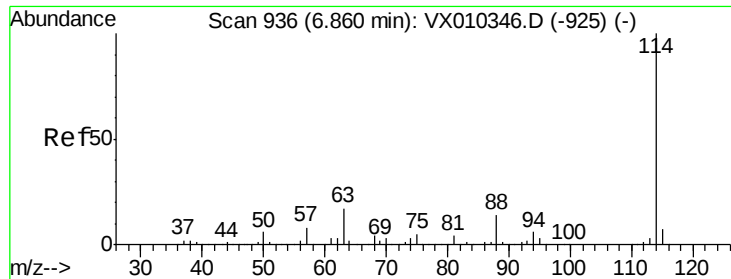


#33

1,2-Dichloroethane-d4
 Concen: 53.873 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010693.D
 Acq: 08 Jul 2019 14:15

Tgt Ion: 65 Resp: 117208
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2

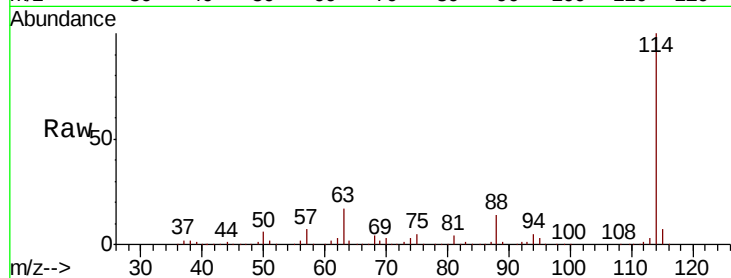




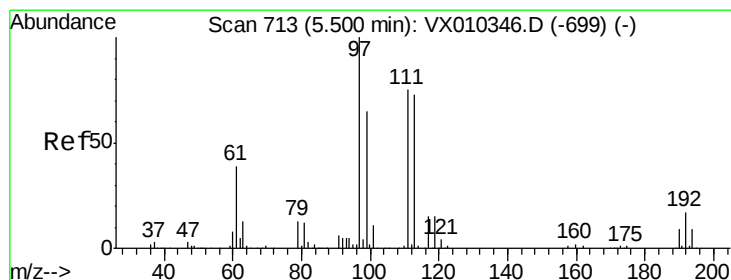
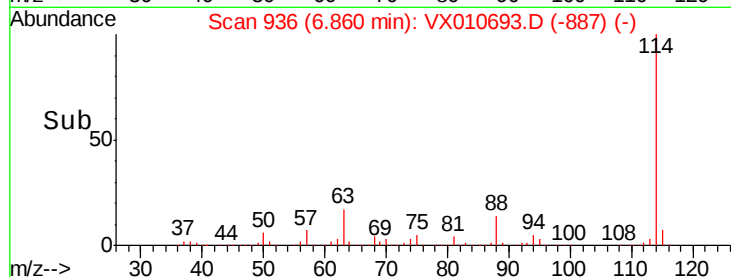
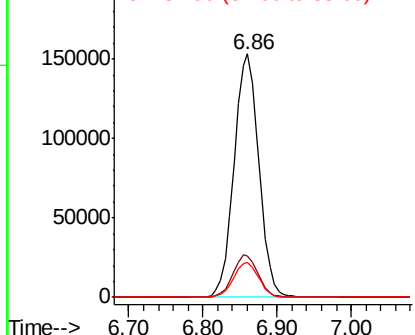
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010693.D
 Acq: 08 Jul 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0533-190701DL

Tgt Ion:114 Resp: 358616
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 33.8
 88 14.3 0.0 27.6

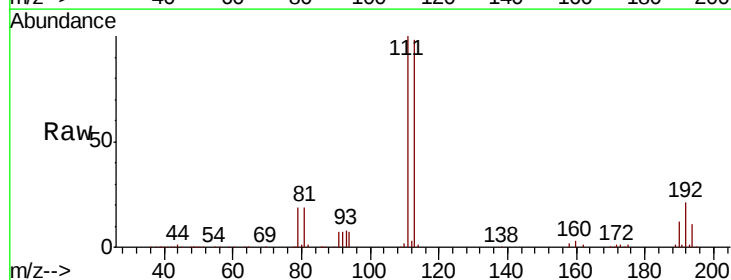


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

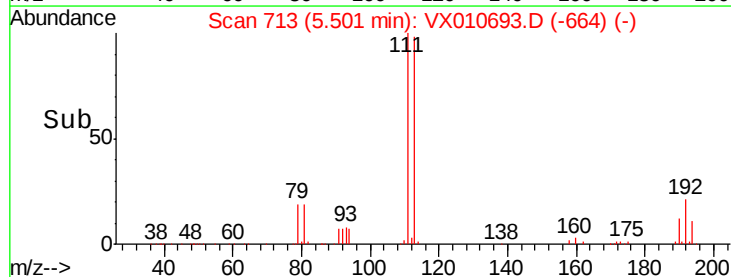
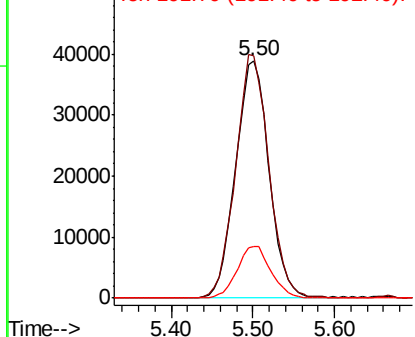


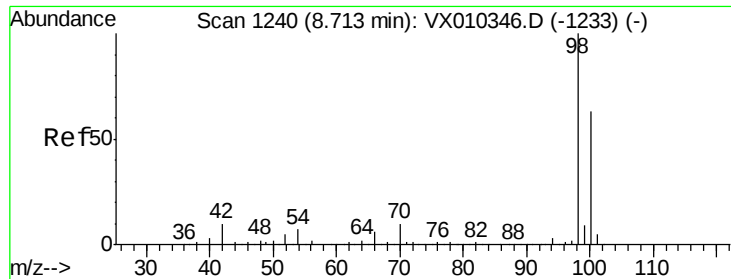
#35
 Dibromofluoromethane
 Concen: 50.570 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010693.D
 Acq: 08 Jul 2019 14:15

Tgt Ion:113 Resp: 110958
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.2 121.8
 192 21.9 18.6 27.8



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: 50.537 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010693.D

Acq: 08 Jul 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

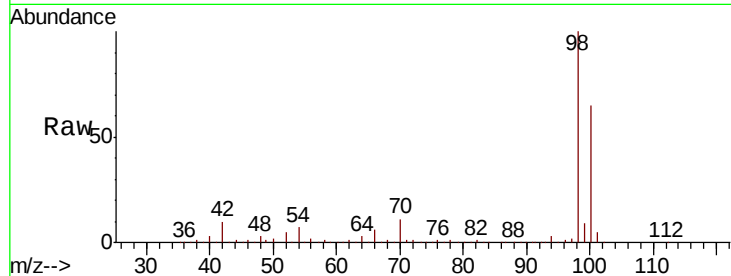
DUP-0533-190701DL

Tgt Ion: 98 Resp: 424222

Ion Ratio Lower Upper

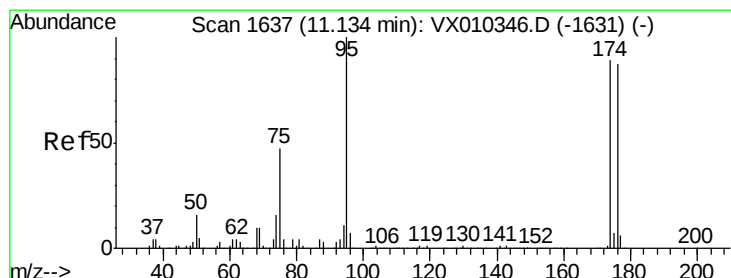
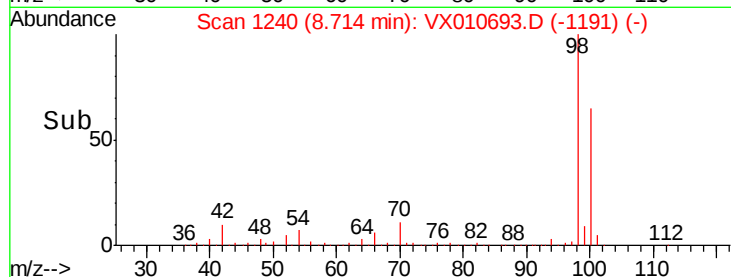
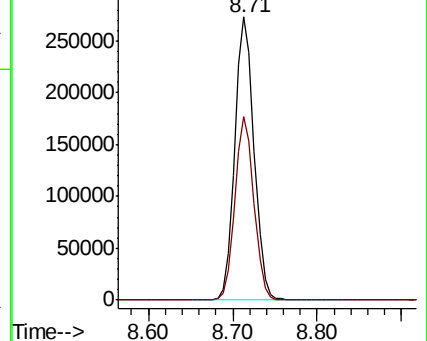
98 100

100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.940 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010693.D

Acq: 08 Jul 2019 14:15

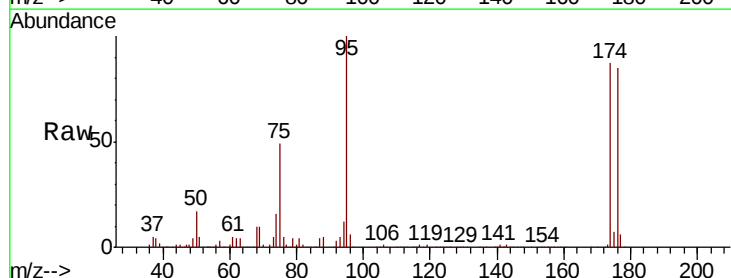
Tgt Ion: 95 Resp: 139227

Ion Ratio Lower Upper

95 100

174 95.1 0.0 187.6

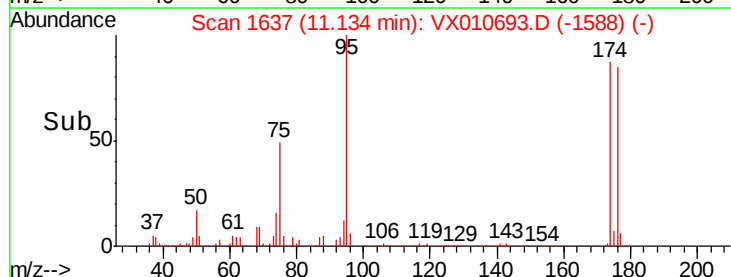
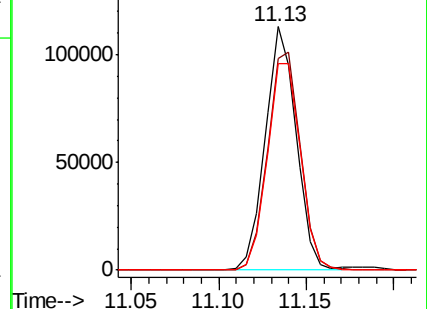
176 91.7 0.0 184.0

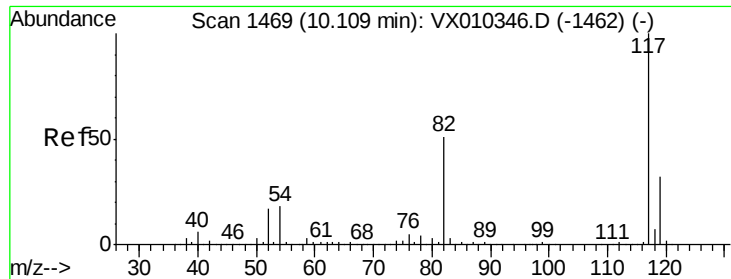


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

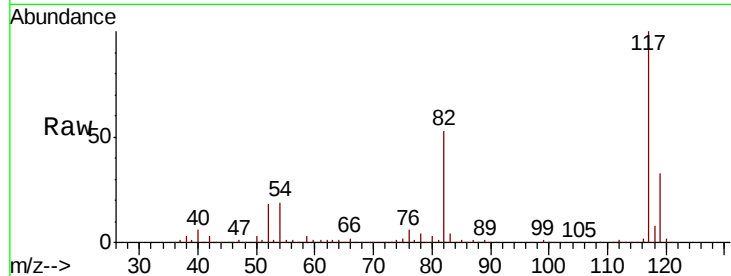




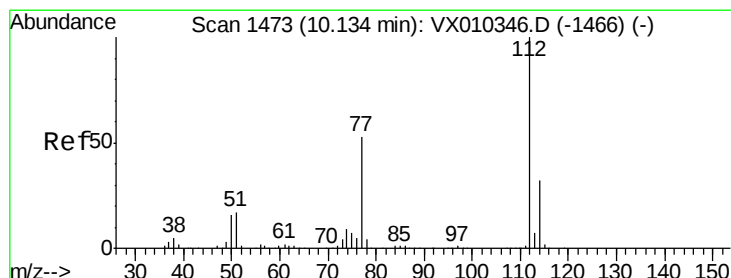
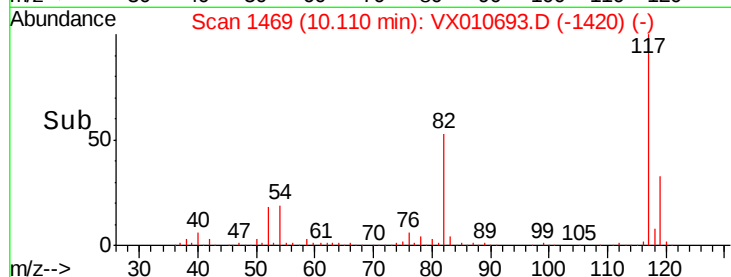
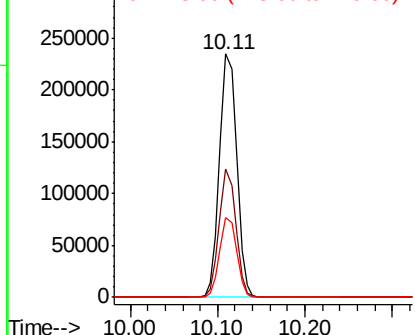
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010693.D
Acq: 08 Jul 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
DUP-0533-190701DL

Tgt Ion:117 Resp: 321052
Ion Ratio Lower Upper
117 100
82 52.8 41.2 61.8
119 32.7 25.5 38.3

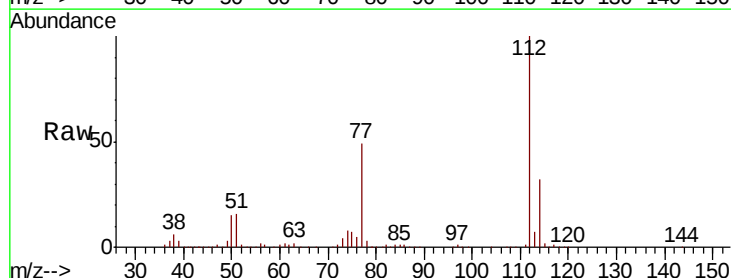


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

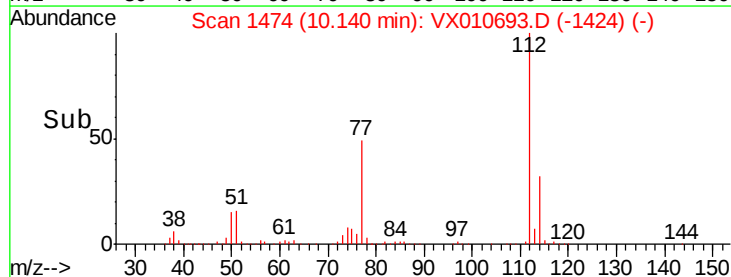
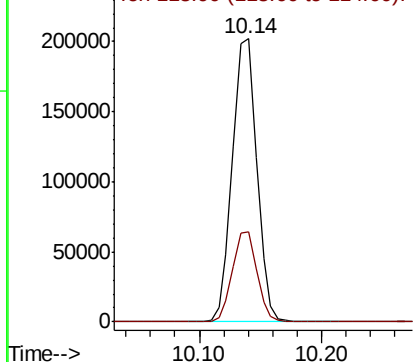


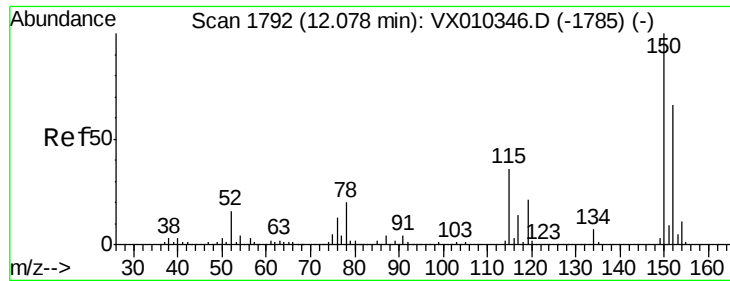
#65
Chlorobenzene
Concen: 42.952 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010693.D
Acq: 08 Jul 2019 14:15

Tgt Ion:112 Resp: 279957
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010693.D

Acq: 08 Jul 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

DUP-0533-190701DL

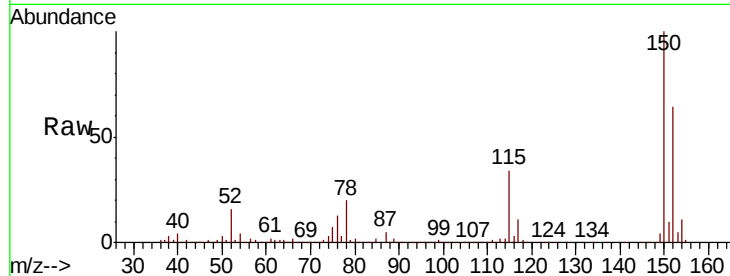
Tgt Ion:152 Resp: 144287

Ion Ratio Lower Upper

152 100

115 54.4 38.6 115.7

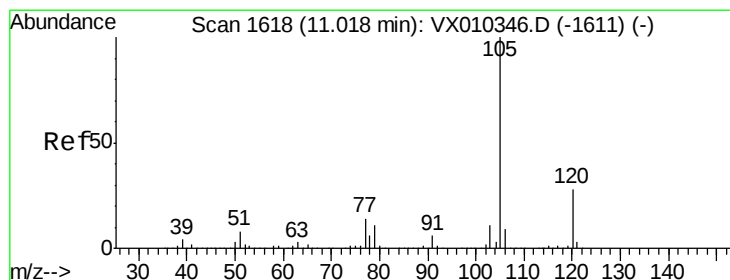
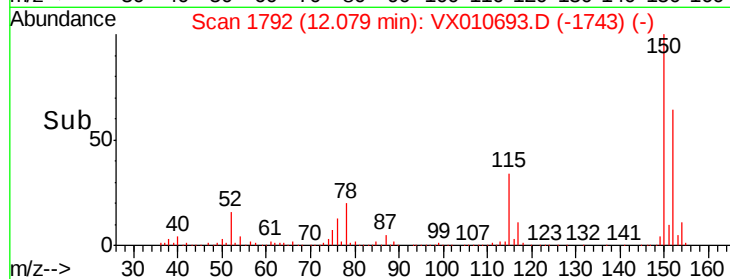
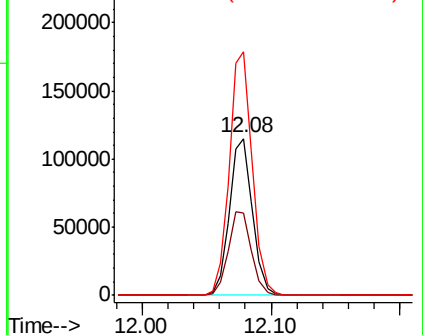
150 154.9 0.0 347.4



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



#73

Isopropylbenzene

Concen: 0.322 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010693.D

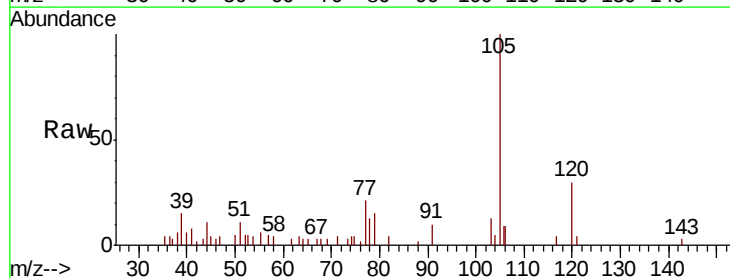
Acq: 08 Jul 2019 14:15

Tgt Ion:105 Resp: 3154

Ion Ratio Lower Upper

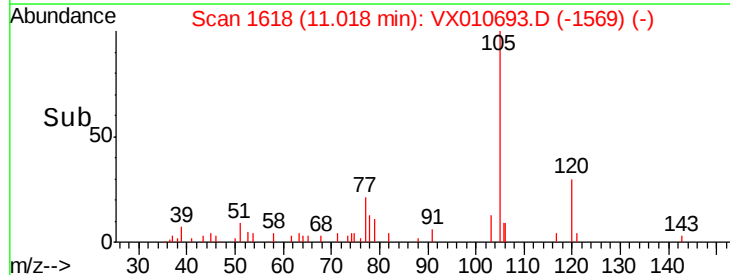
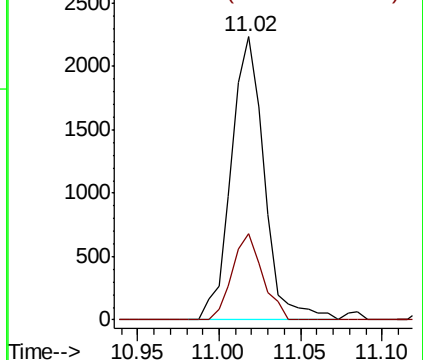
105 100

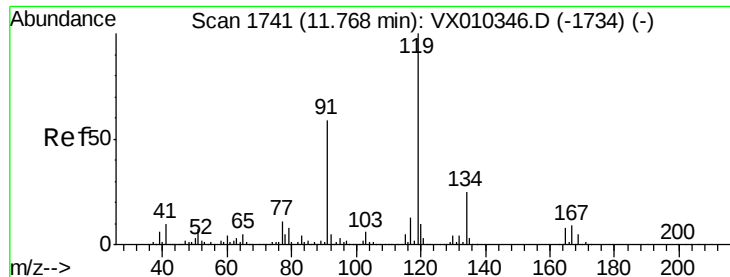
120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

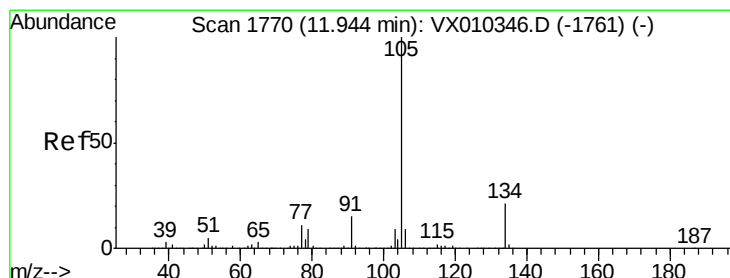
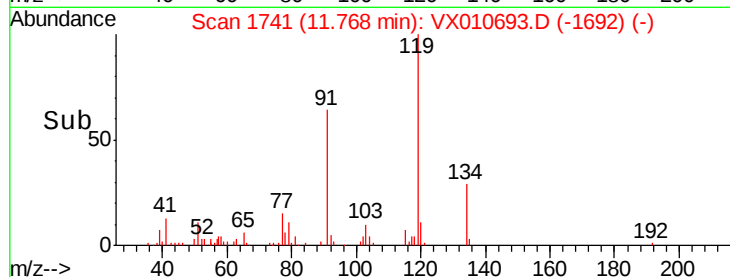
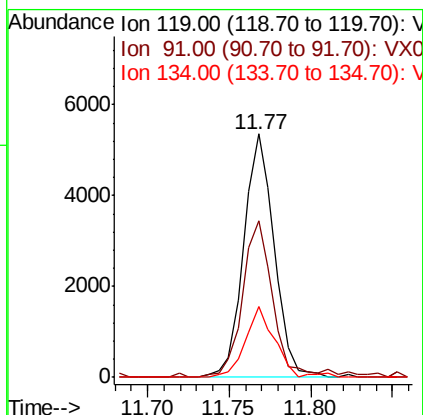
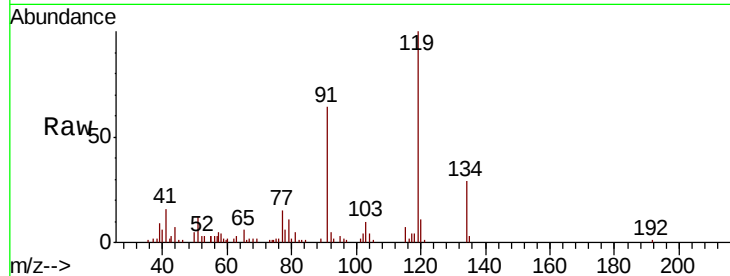




#83
tert-Butylbenzene
Concen: 0.863 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010693.D
Acq: 08 Jul 2019 14:15

Instrument :
MSVOA_X
ClientSampleId :
DUP-0533-190701DL

Tgt Ion:119 Resp: 6983
Ion Ratio Lower Upper
119 100
91 63.3 27.6 82.7
134 28.0 11.8 35.4



#85
sec-Butylbenzene
Concen: 0.689 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX010693.D
Acq: 08 Jul 2019 14:15

Tgt Ion:105 Resp: 6547
Ion Ratio Lower Upper
105 100
134 0.0 10.7 31.9#

