

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051519\
 Data File : VX009581.D
 Acq On : 15 May 2019 15:37
 Operator : JC/SP
 Sample : K2856-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS035-190514

Quant Time: May 16 01:59:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

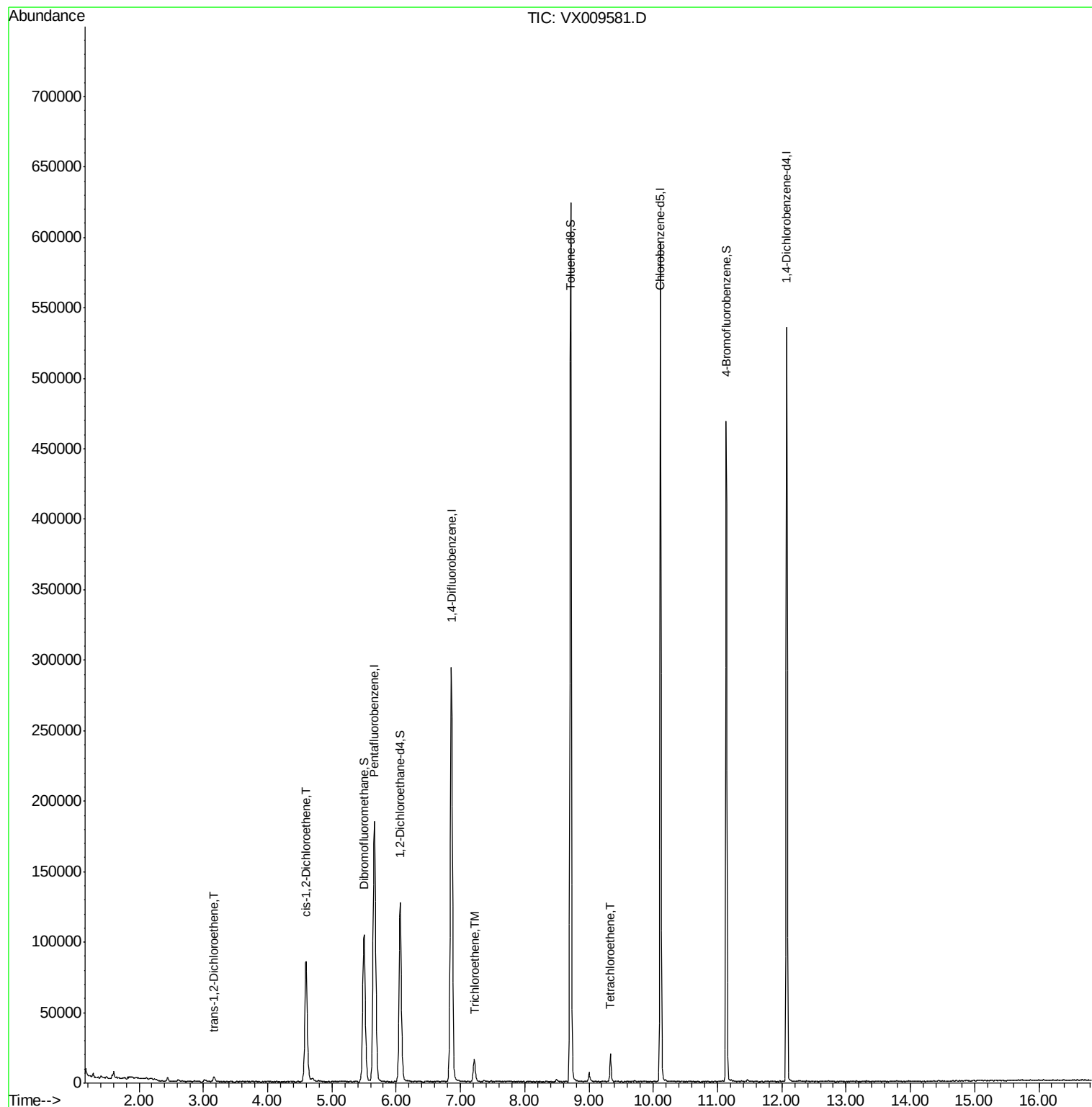
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	182117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	287987	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111136	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119290	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	5.49	113	88080	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
50) Toluene-d8	8.71	98	361618	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
62) 4-Bromofluorobenzene	11.13	95	121056	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
Target Compounds						
21) trans-1,2-Dichloroethene	3.17	96	1329	0.717	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	53553	24.210	ug/l	89
44) Trichloroethene	7.21	130	6145	3.069	ug/l	93
64) Tetrachloroethene	9.34	164	3584	2.056	ug/l	92

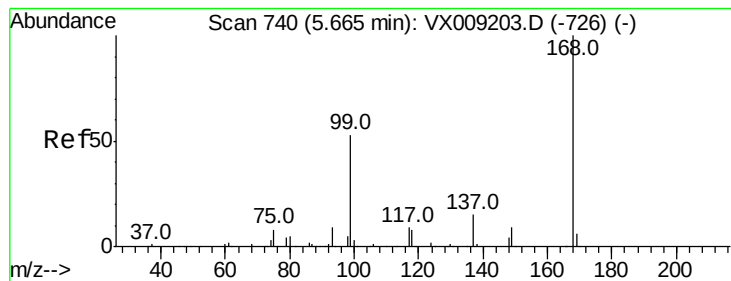
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051519\
Data File : VX009581.D
Acq On : 15 May 2019 15:37
Operator : JC/SP
Sample : K2856-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
KY038PS035-190514

Quant Time: May 16 01:59:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009581.D

Acq: 15 May 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

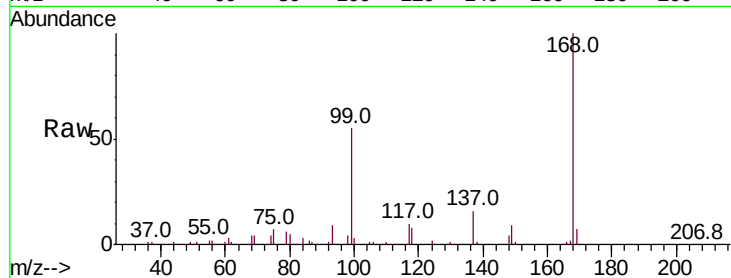
KY038PS035-190514

Tot Ion:168 Resp: 182117

Ion Ratio Lower Upper

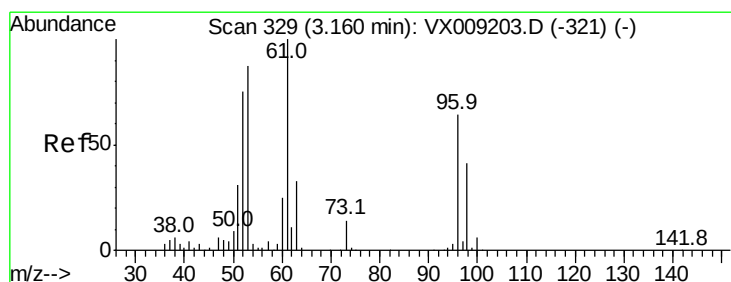
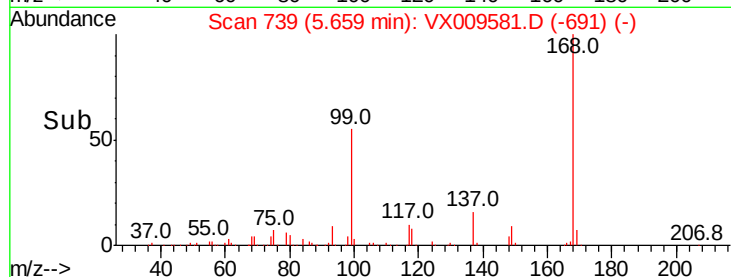
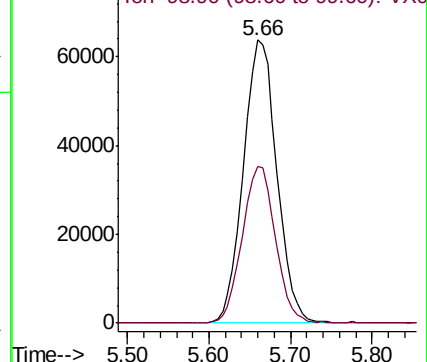
168 100

99 55.5 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.717 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX009581.D

Acq: 15 May 2019 15:37

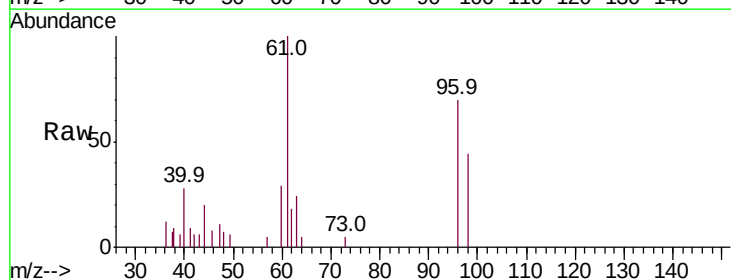
Tgt Ion: 96 Resp: 1329

Ion Ratio Lower Upper

96 100

61 141.9 124.5 186.7

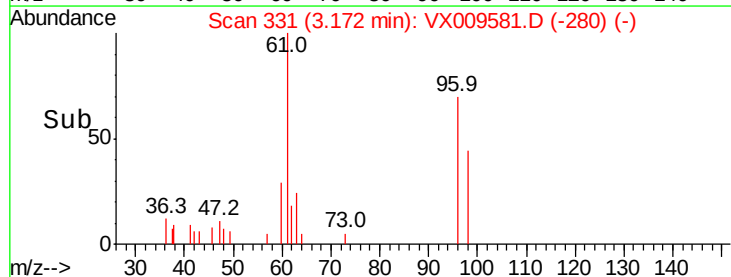
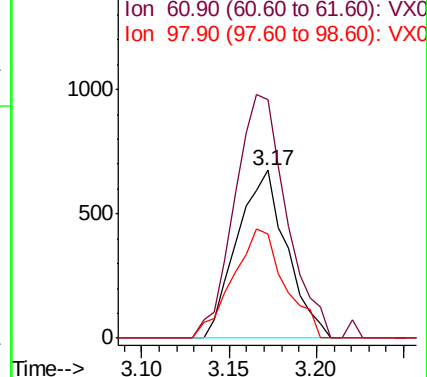
98 62.3 50.4 75.6

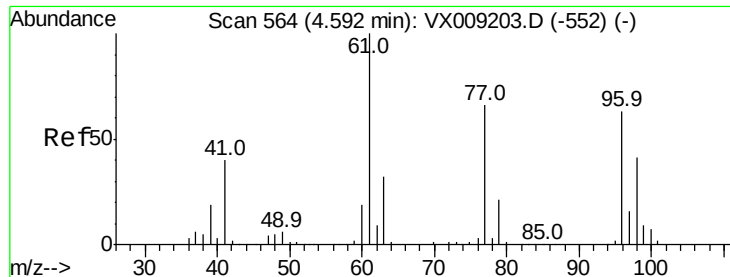


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



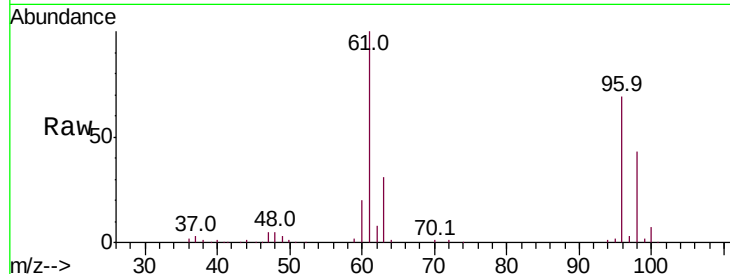


#27

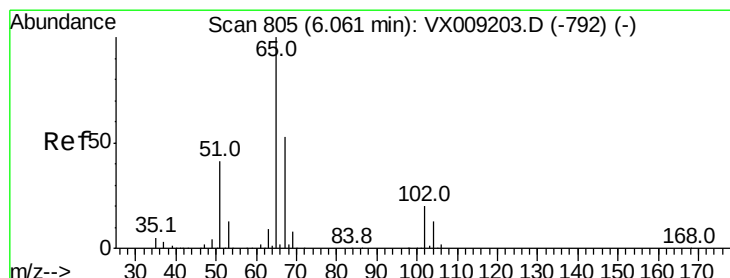
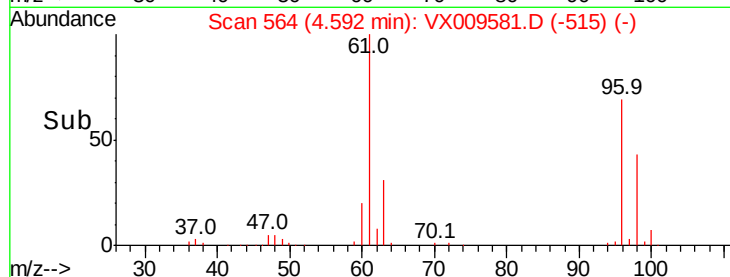
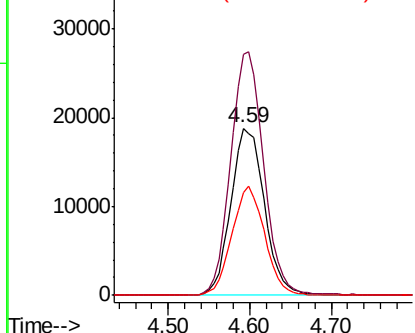
cis-1,2-Dichloroethene
 Concen: 24.210 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009581.D
 Acq: 15 May 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS035-190514

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.8	0.0	324.0
98	64.1	0.0	130.4



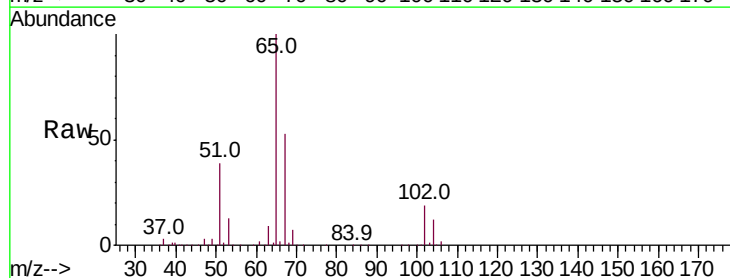
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



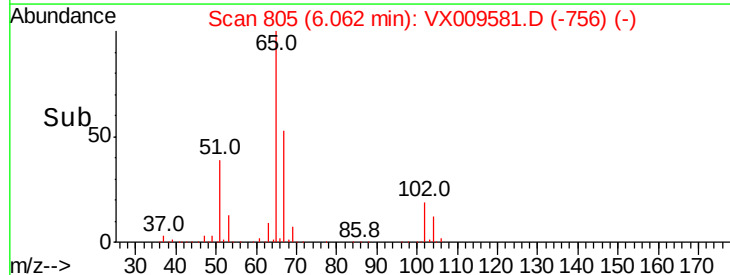
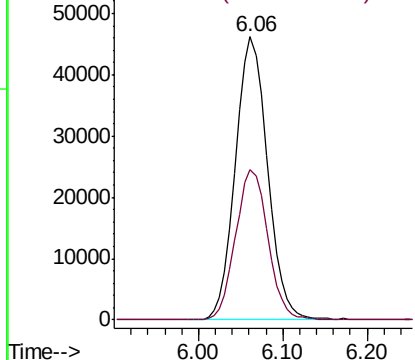
#33

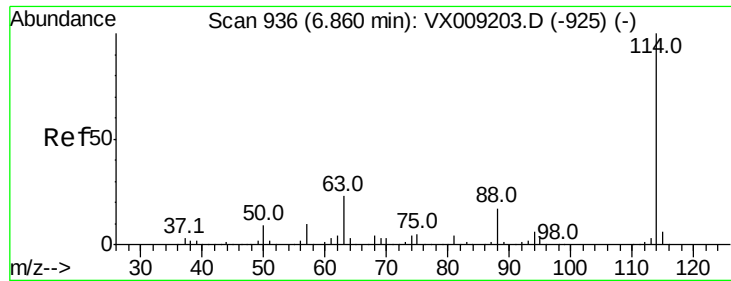
1,2-Dichloroethane-d4
 Concen: 47.983 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009581.D
 Acq: 15 May 2019 15:37

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

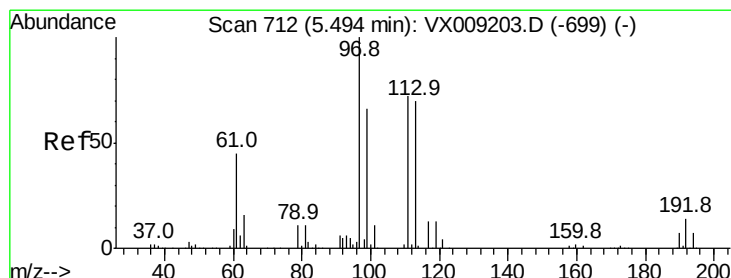
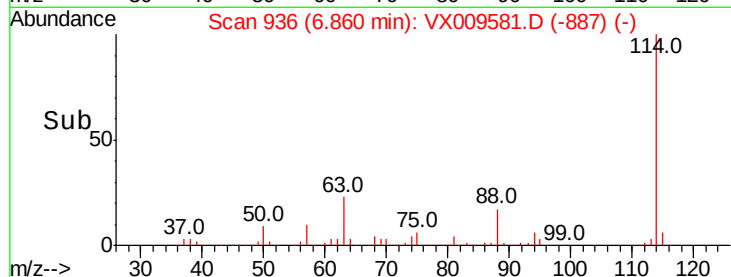
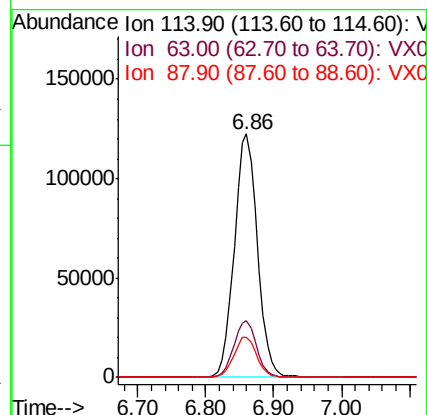
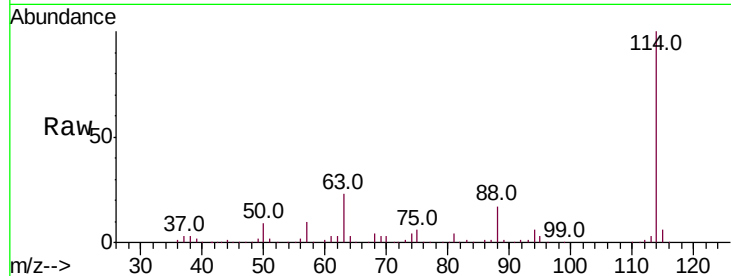




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009581.D
 Acq: 15 May 2019 15:37

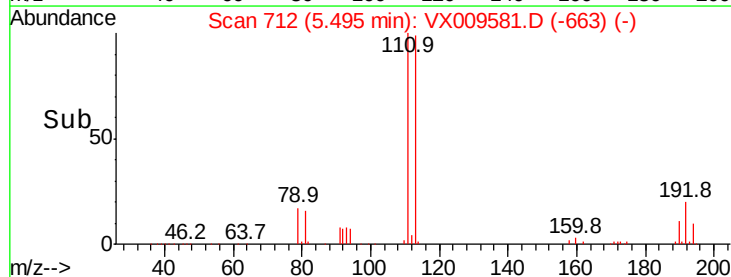
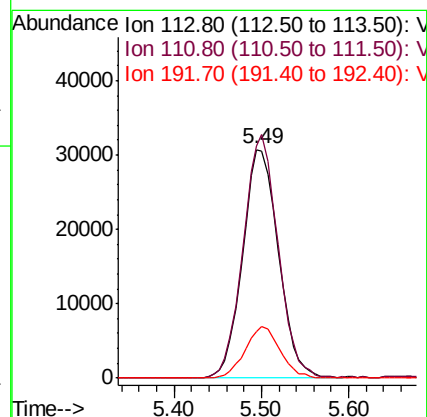
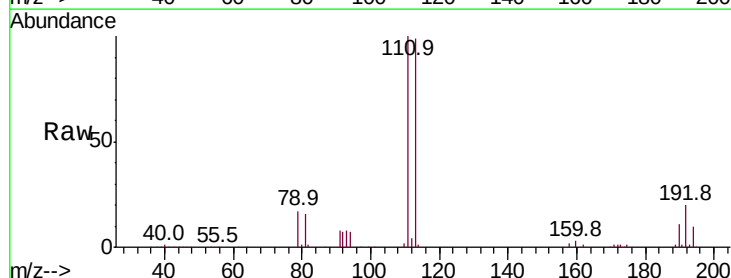
Instrument :
 MSVOA_X
 ClientSampleId :
 KY038PS035-190514

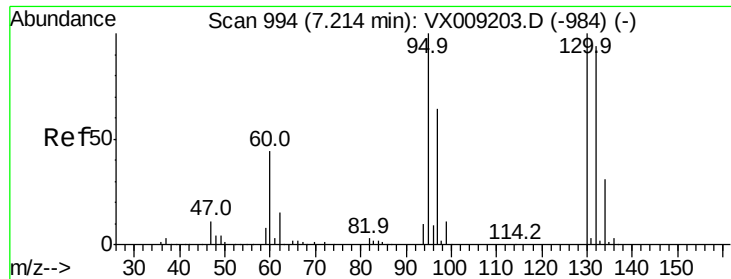
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	16.6	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 48.652 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. 0.00 min
 Lab File: VX009581.D
 Acq: 15 May 2019 15:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.8	124.2
192	21.9	17.0	25.6





#44

Trichloroethene

Concen: 3.069 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009581.D

Acq: 15 May 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

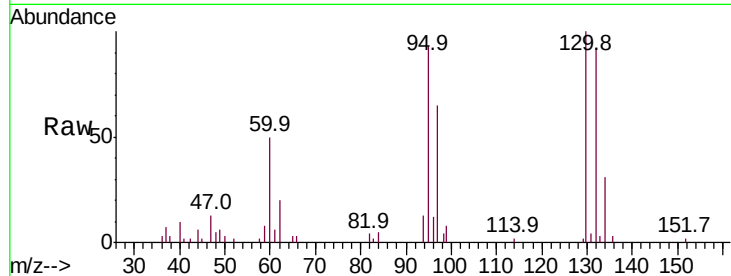
KY038PS035-190514

Tot Ion:130 Resp: 6145

Ion Ratio Lower Upper

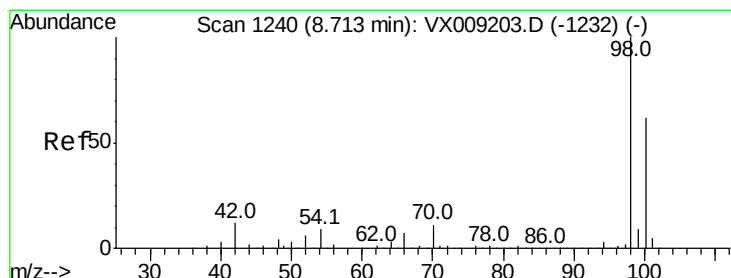
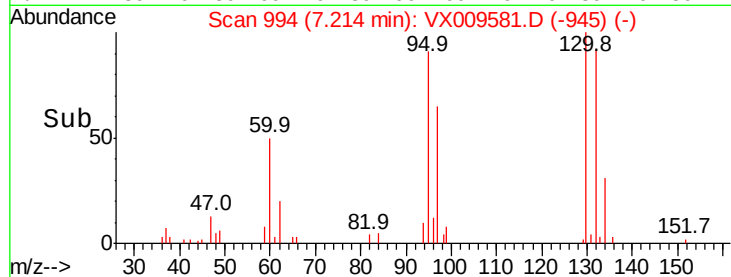
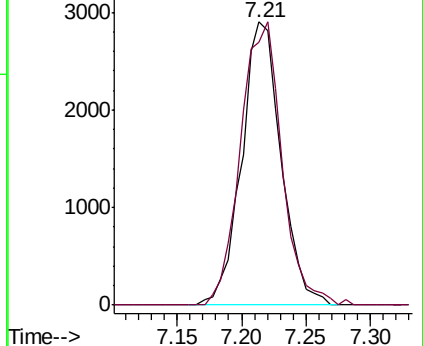
130 100

95 92.9 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.475 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009581.D

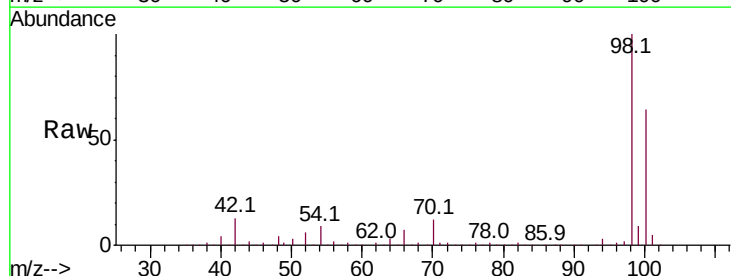
Acq: 15 May 2019 15:37

Tgt Ion: 98 Resp: 361618

Ion Ratio Lower Upper

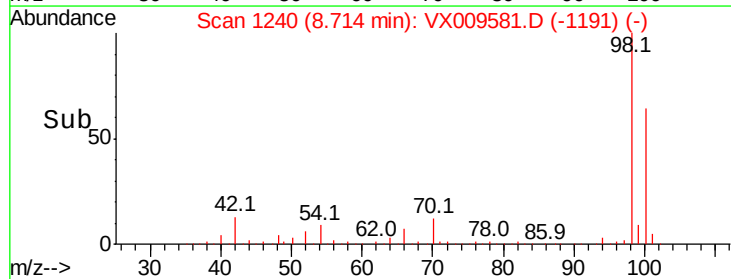
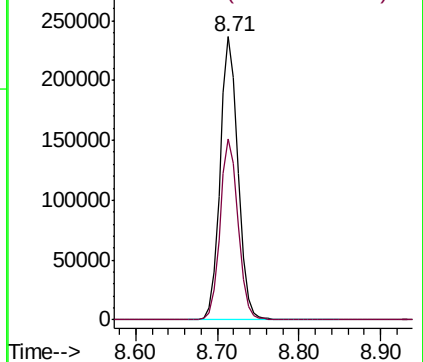
98 100

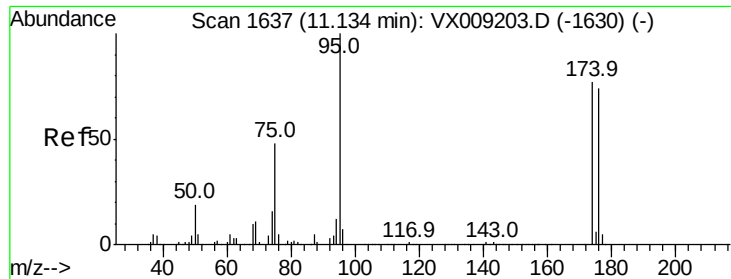
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

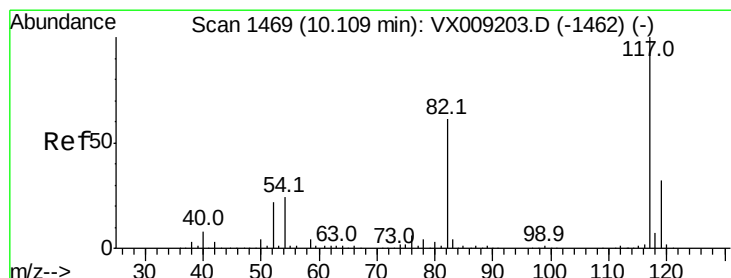
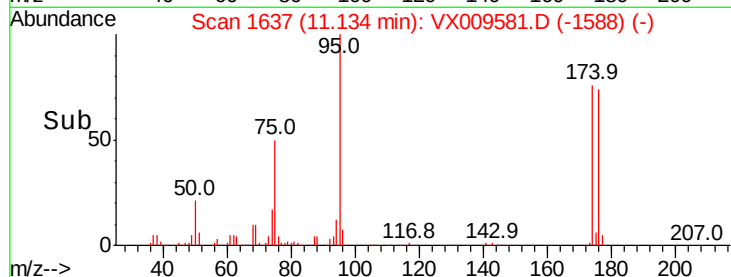
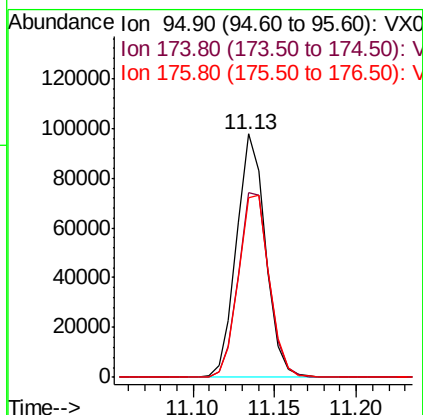
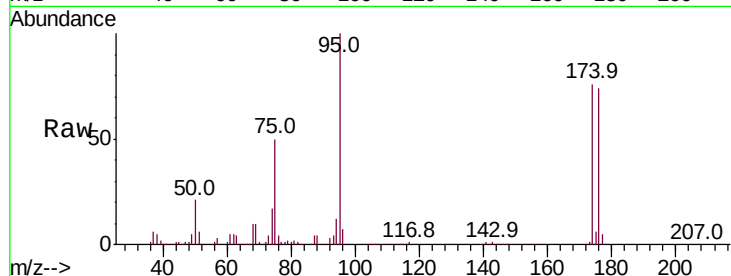




#62
4-Bromofluorobenzene
Concen: 45.581 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009581.D
Acq: 15 May 2019 15:37

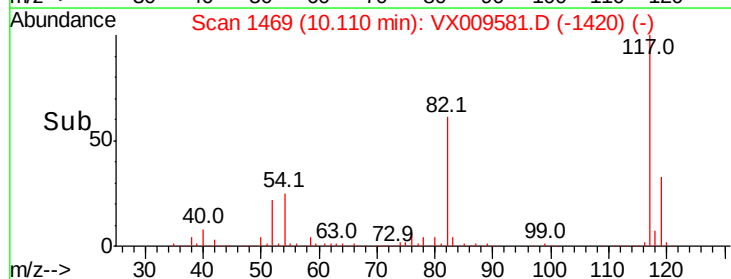
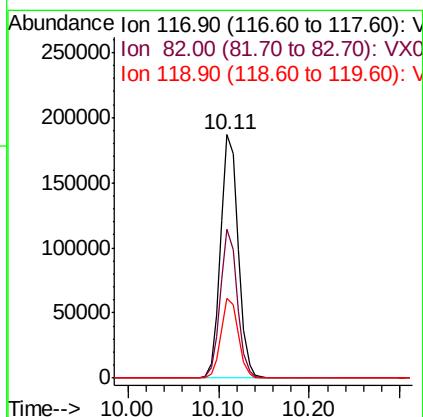
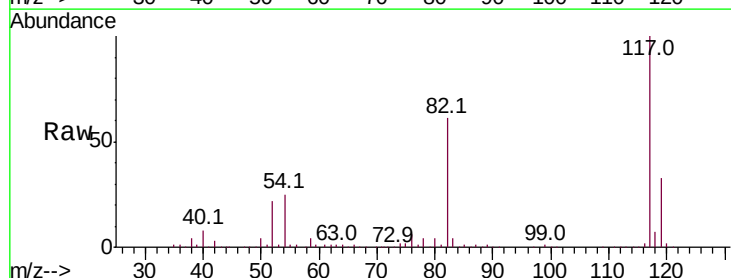
Instrument :
MSVOA_X
ClientSampleId :
KY038PS035-190514

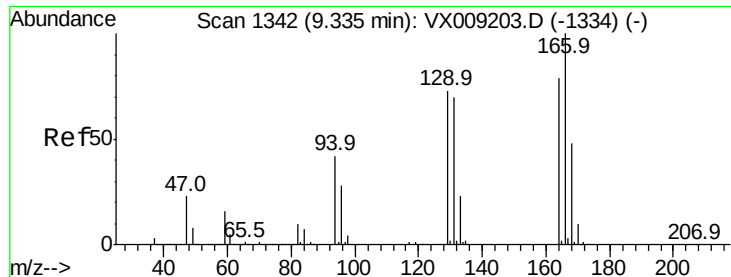
Tot Ion: 95 Resp: 121056
Ion Ratio Lower Upper
95 100
174 80.7 0.0 161.6
176 80.0 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009581.D
Acq: 15 May 2019 15:37

Tgt Ion: 117 Resp: 254087
Ion Ratio Lower Upper
117 100
82 61.1 48.8 73.2
119 32.8 25.8 38.6





#64

Tetrachloroethene

Concen: 2.056 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009581.D

Acq: 15 May 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

KY038PS035-190514

Tot Ion:164 Resp: 3584

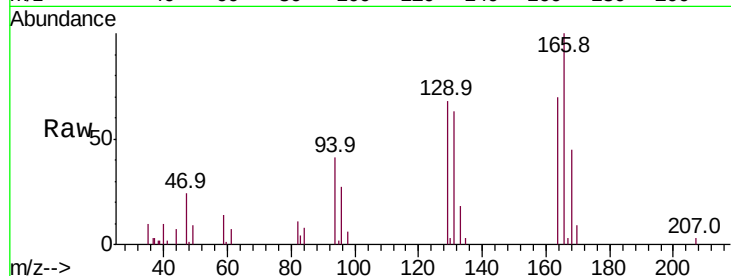
Ion Ratio Lower Upper

164 100

166 143.4 101.2 151.8

129 97.1 74.3 111.5

131 90.9 71.0 106.6



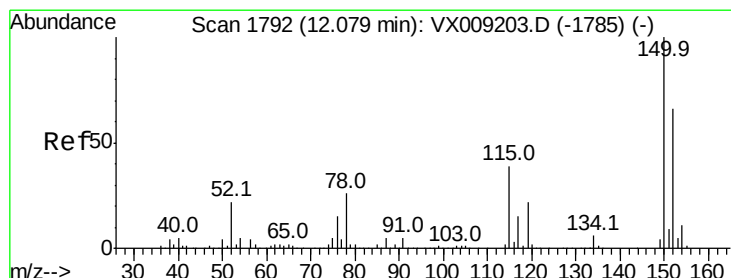
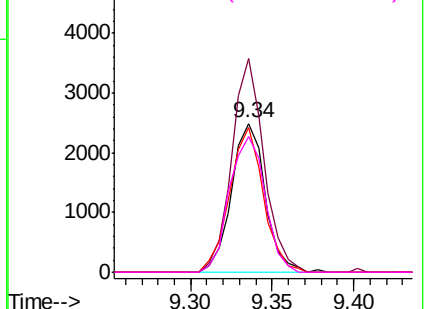
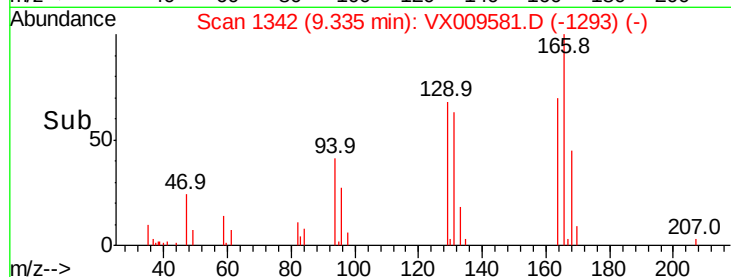
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX009581.D

Acq: 15 May 2019 15:37

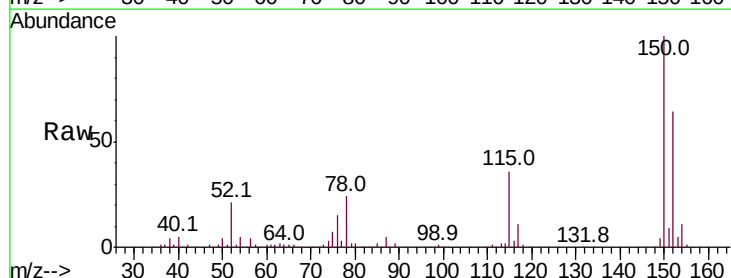
Tgt Ion:152 Resp: 111136

Ion Ratio Lower Upper

152 100

115 58.1 41.2 123.6

150 156.5 0.0 346.4



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

