

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008259.D
 Acq On : 20 Mar 2019 23:07
 Operator : JC/SP
 Sample : VX0320WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBL02

Quant Time: Mar 22 05:37:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	340285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	557010	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	474927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196136	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	236436	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
35) Dibromofluoromethane	5.50	113	175491	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	
50) Toluene-d8	8.71	98	686673	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.13	95	220542	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	

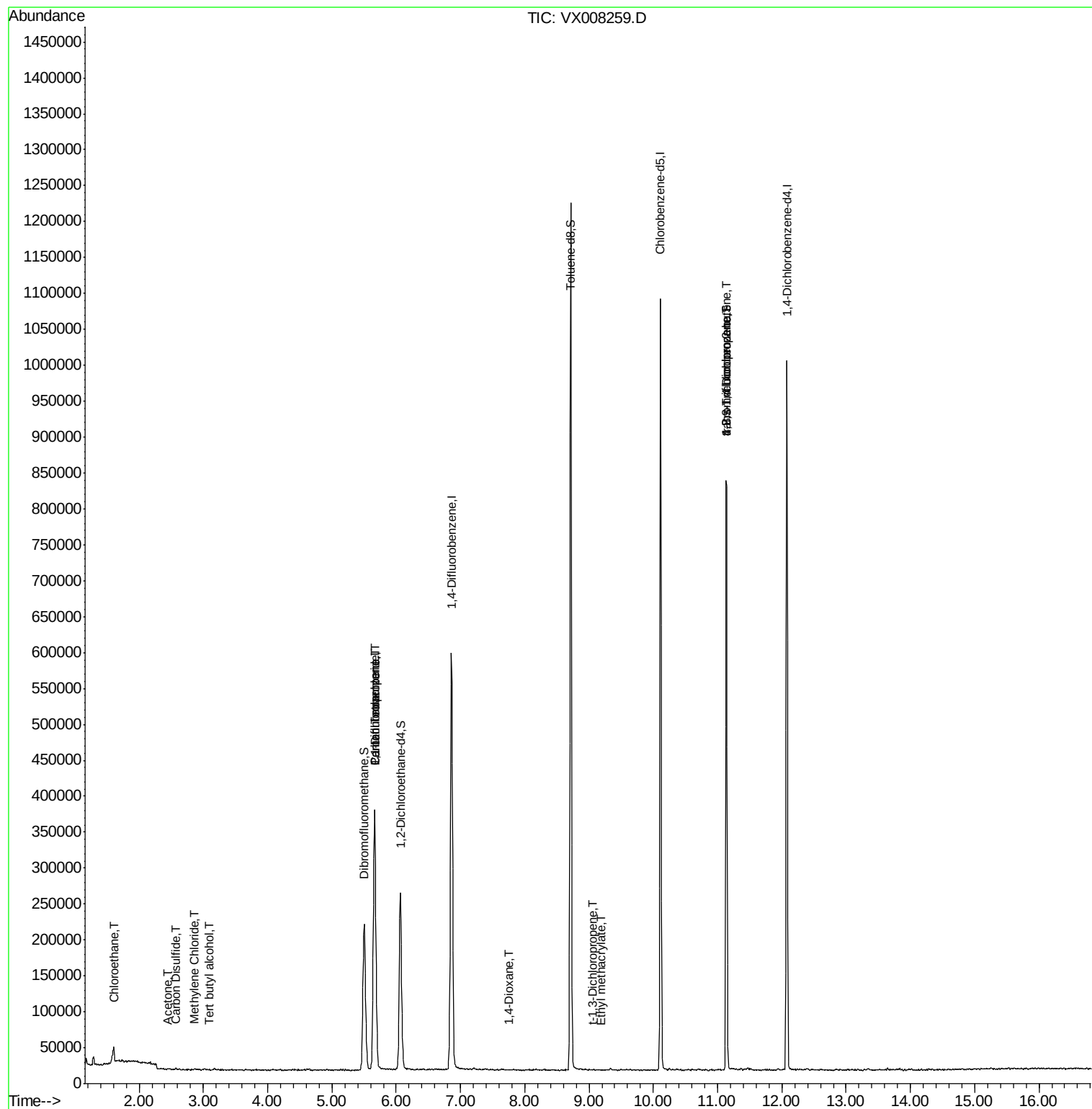
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.61	64	14248	4.403	ug/l #	46
11) Tert butyl alcohol	3.09	59	251	0.229	ug/l #	1
13) Acrolein	2.28	56	252	Below Cal	#	13
16) Acetone	2.45	43	725	0.249	ug/l #	29
17) Carbon Disulfide	2.57	76	2220	0.838	ug/l	96
20) Methylene Chloride	2.87	84	1007	0.208	ug/l #	56
36) 1,1-Dichloropropene	5.67	75	27592	4.255	ug/l #	49
38) Carbon Tetrachloride	5.67	117	33771	5.845	ug/l #	15
49) 1,4-Dioxane	7.75	88	41	0.356	ug/l #	1
53) t-1,3-Dichloropropene	9.05	75	346	1.466	ug/l #	1
56) Ethyl methacrylate	9.18	69	184	0.548	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	115361	20.912	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	115361	53.215	ug/l #	12

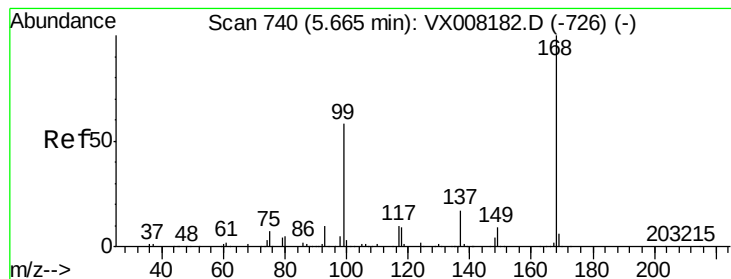
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
VX0320WBL02

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008259.D

Acq: 20 Mar 2019 23:07

Instrument :

MSVOA_X

ClientSampleId :

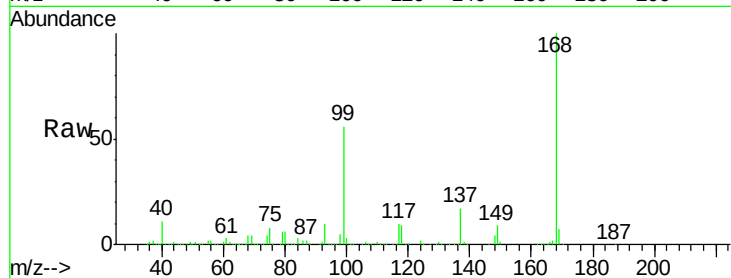
VX0320WBL02

Tot Ion:168 Resp: 340285

Ion Ratio Lower Upper

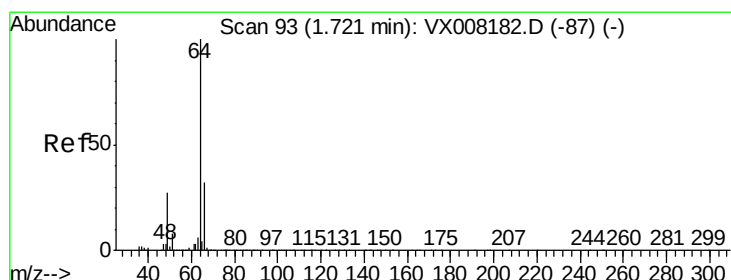
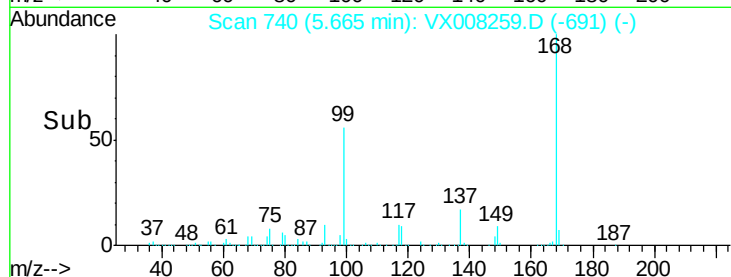
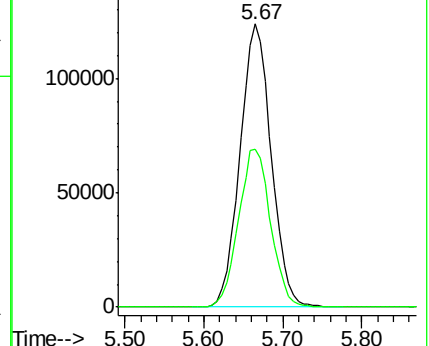
168 100

99 55.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: 4.403 ug/l

RT: 1.61 min Scan# 75

Delta R.T. -0.11 min

Lab File: VX008259.D

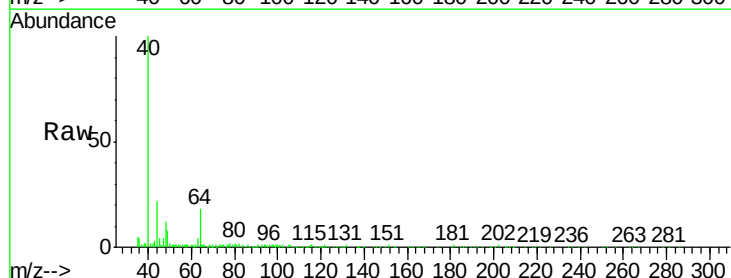
Acq: 20 Mar 2019 23:07

Tgt Ion: 64 Resp: 14248

Ion Ratio Lower Upper

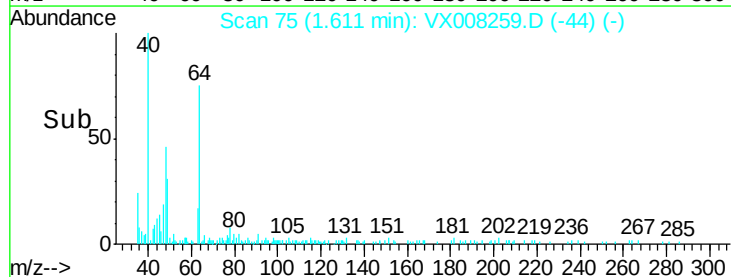
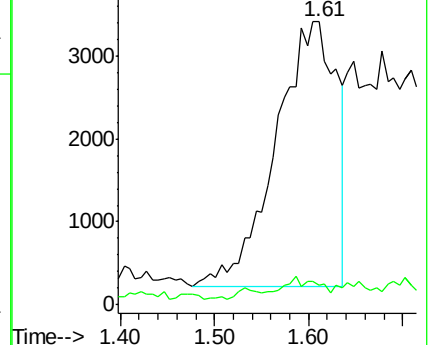
64 100

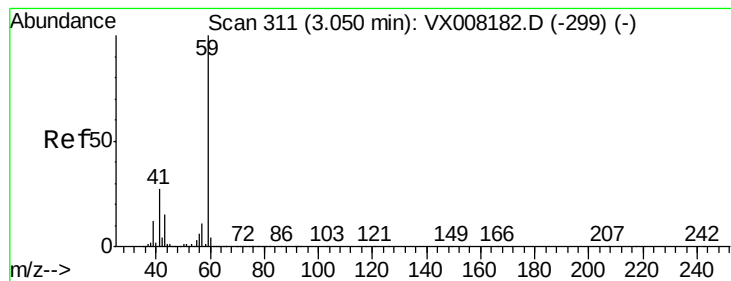
66 1.6 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



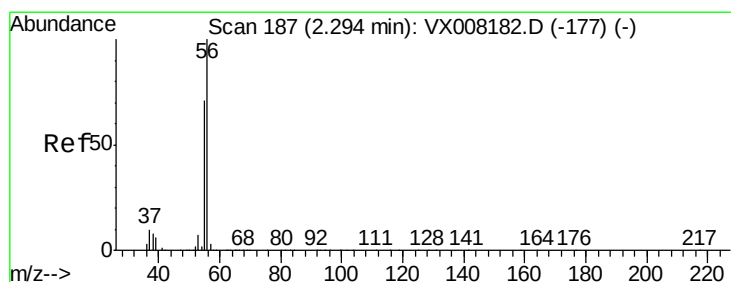
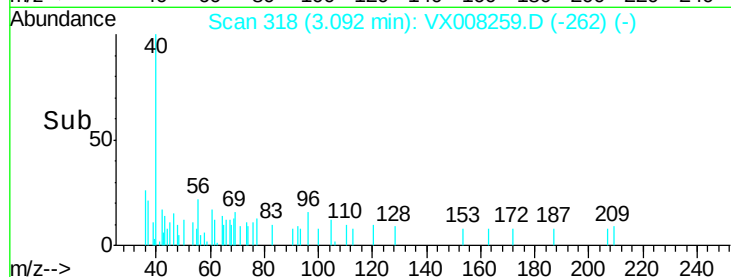
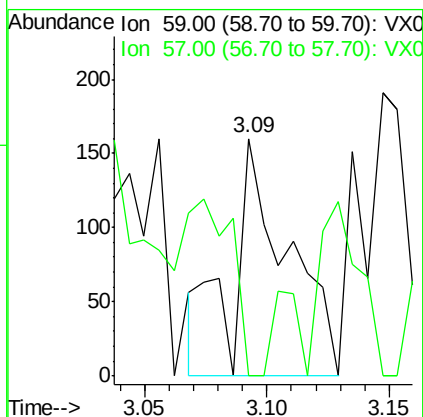
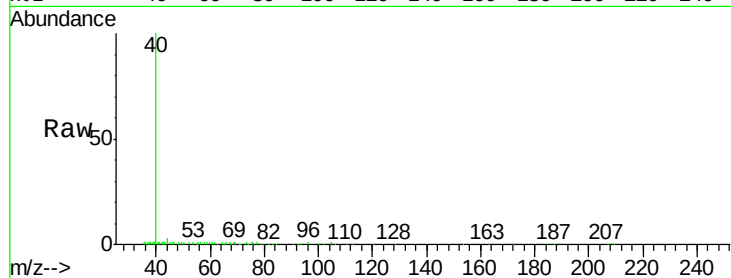


#11

Tert butyl alcohol
Concen: 0.229 ug/l
RT: 3.09 min Scan# 318
Delta R.T. 0.04 min
Lab File: VX008259.D
Acq: 20 Mar 2019 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL02

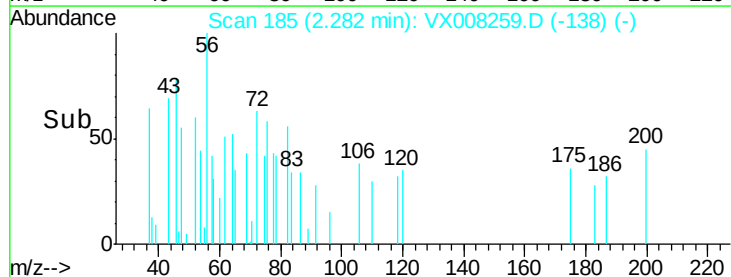
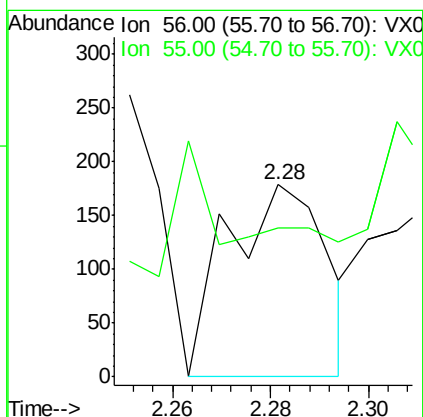
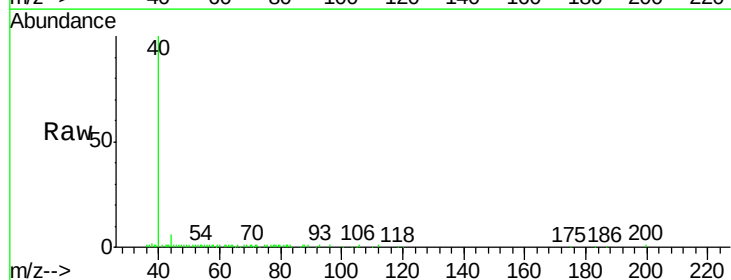
Tot Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 62.5 8.2 12.2#

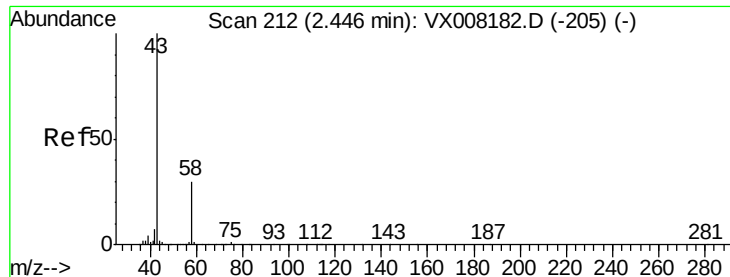


#13

Acrolein
Concen: Below Cal
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX008259.D
Acq: 20 Mar 2019 23:07

Tgt Ion: 56 Resp: 252
Ion Ratio Lower Upper
56 100
55 0.0 57.8 86.6#





#16

Acetone

Concen: 0.249 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008259.D

Acq: 20 Mar 2019 23:07

Instrument :

MSVOA_X

ClientSampled :

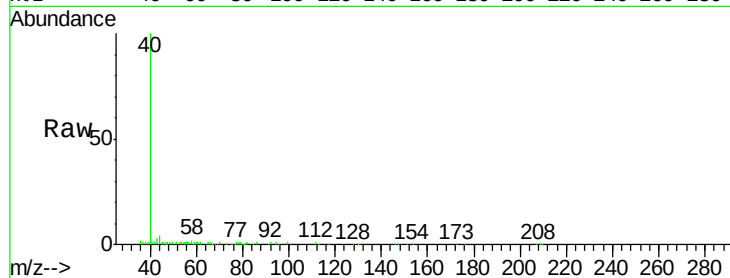
VX0320WBL02

Tot Ion: 43 Resp: 725

Ion Ratio Lower Upper

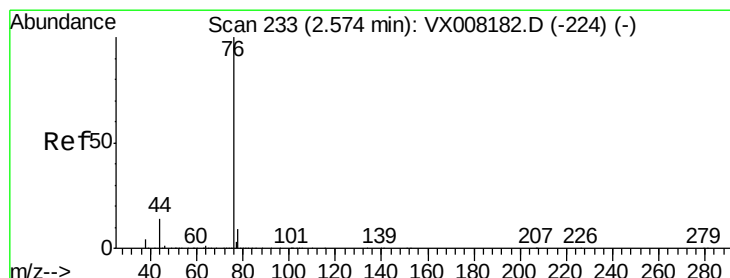
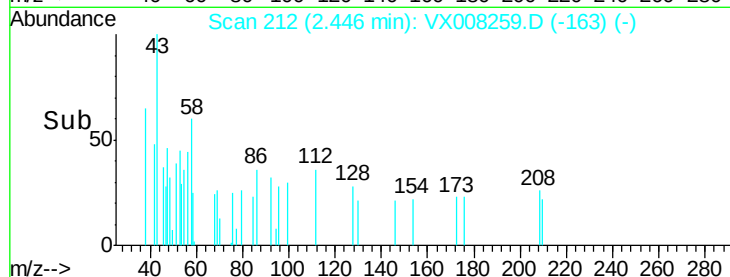
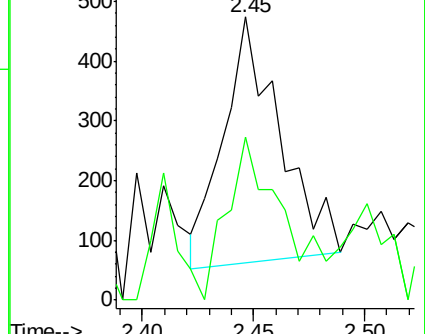
43 100

58 71.7 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.838 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008259.D

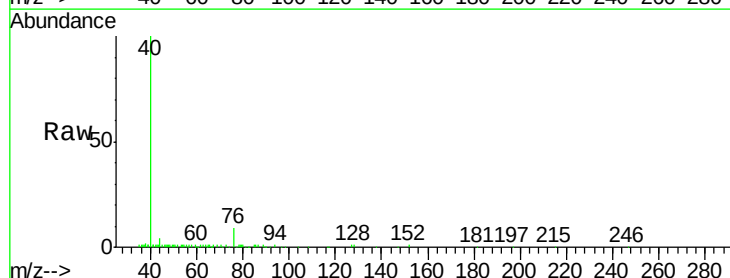
Acq: 20 Mar 2019 23:07

Tgt Ion: 76 Resp: 2220

Ion Ratio Lower Upper

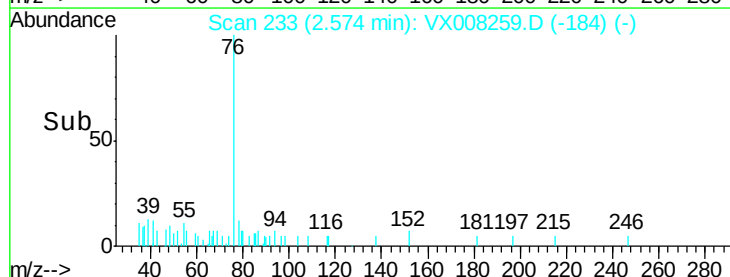
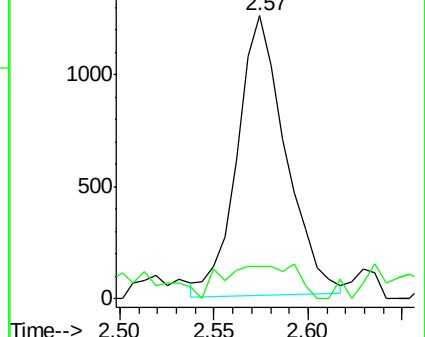
76 100

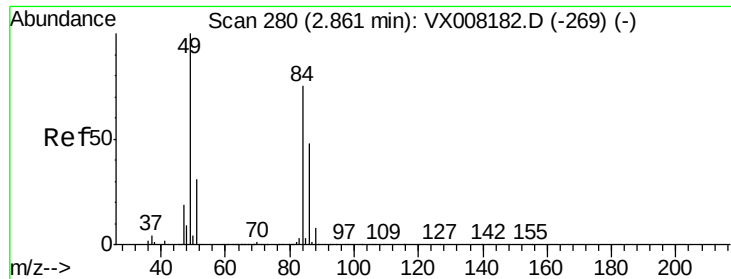
78 7.6 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

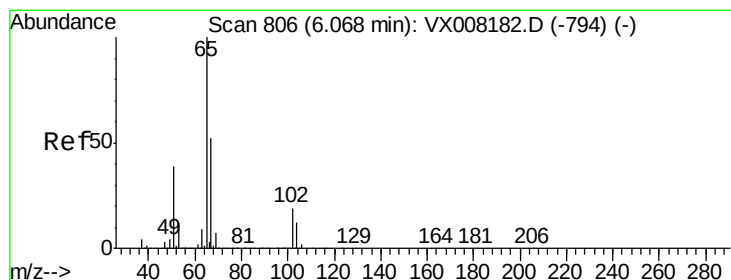
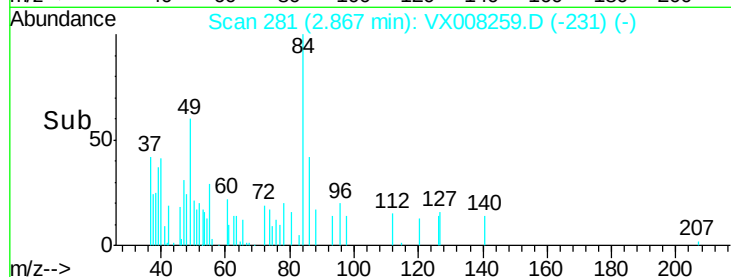
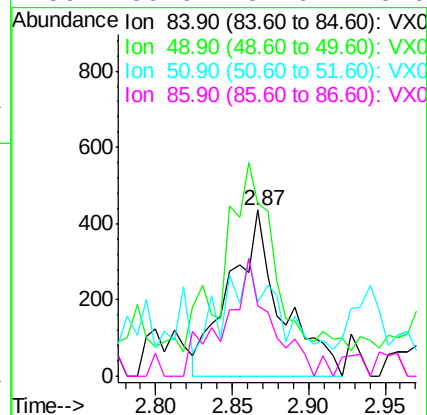
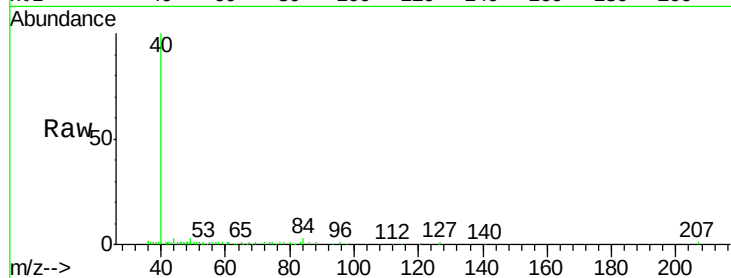




#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX008259.D
Acq: 20 Mar 2019 23:07

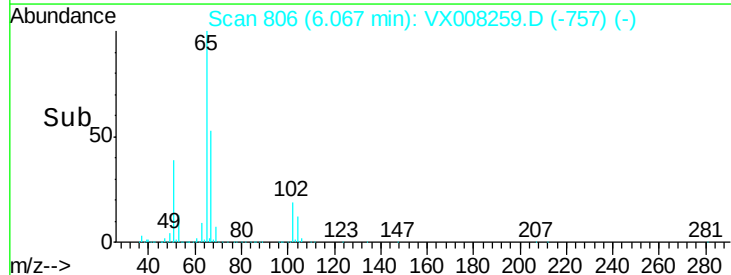
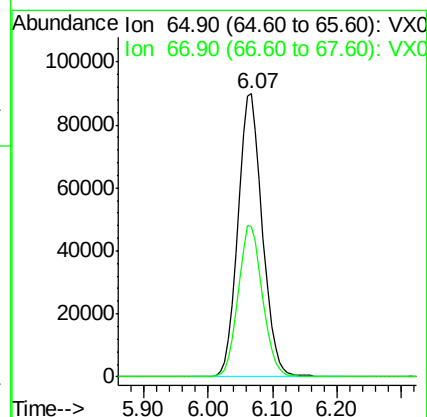
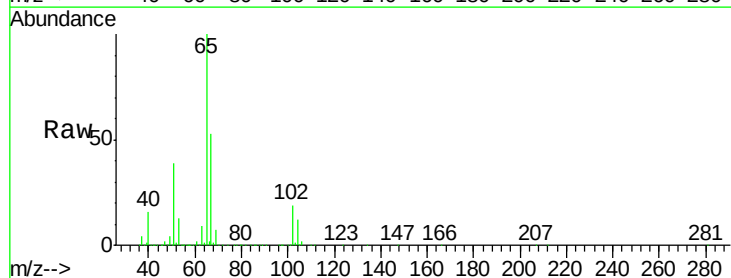
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL02

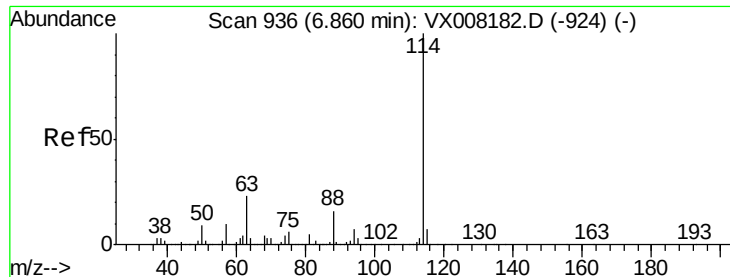
Tot Ion: 84 Resp: 1007
Ion Ratio Lower Upper
84 100
49 64.1 99.3 148.9#
51 30.8 31.3 46.9#
86 30.6 52.6 79.0#



#33
1,2-Dichloroethane-d4
Concen: 46.134 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX008259.D
Acq: 20 Mar 2019 23:07

Tgt Ion: 65 Resp: 236436
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.0

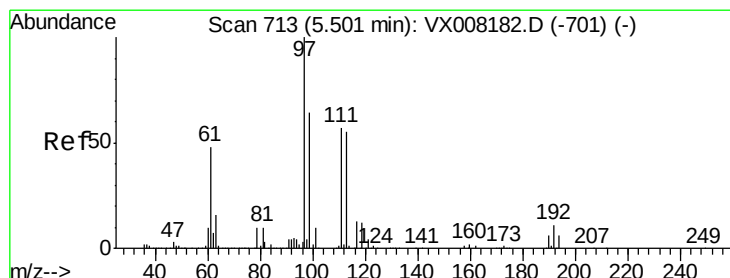
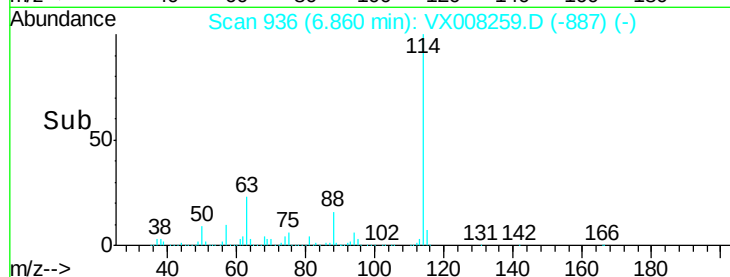
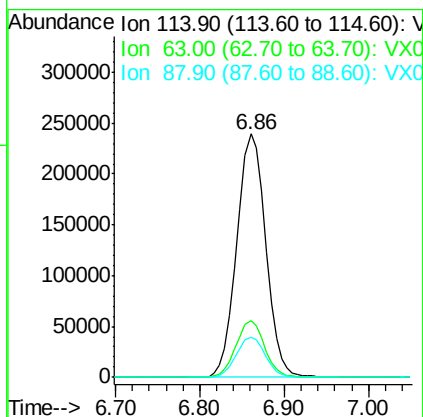
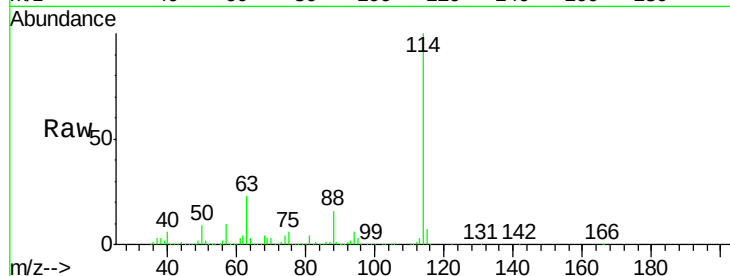




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008259.D
 Acq: 20 Mar 2019 23:07

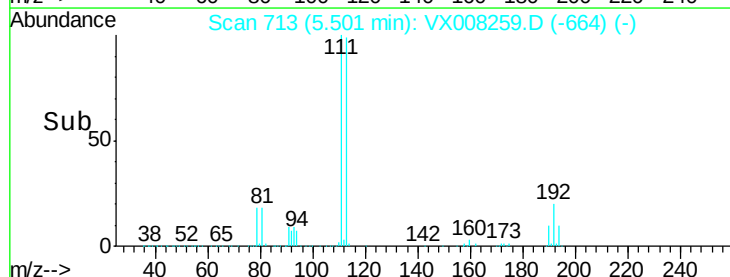
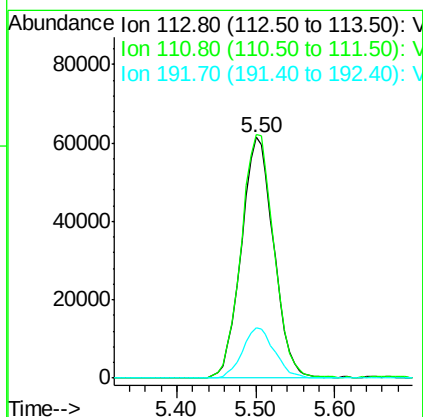
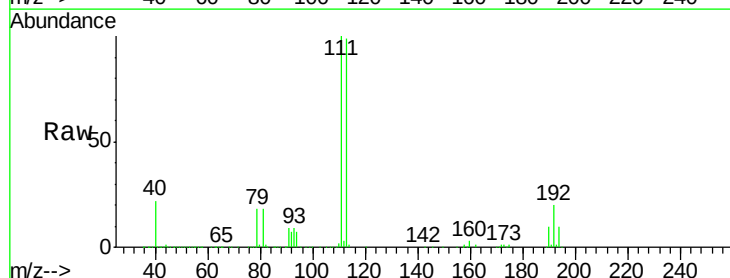
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBL02

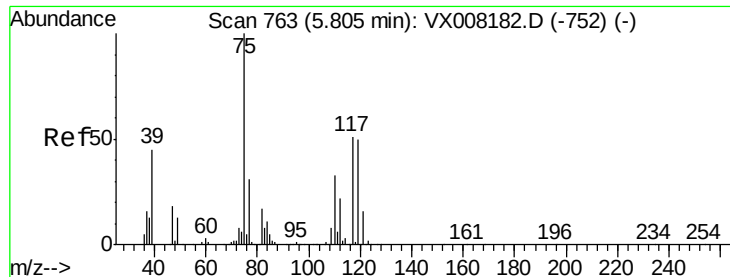
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	39.8
88	16.3	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 47.064 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX008259.D
 Acq: 20 Mar 2019 23:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.0
192	20.7	19.4	29.0





#36

1,1-Dichloropropene

Concen: 4.255 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.14 min

Lab File: VX008259.D

Acq: 20 Mar 2019 23:07

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBL02

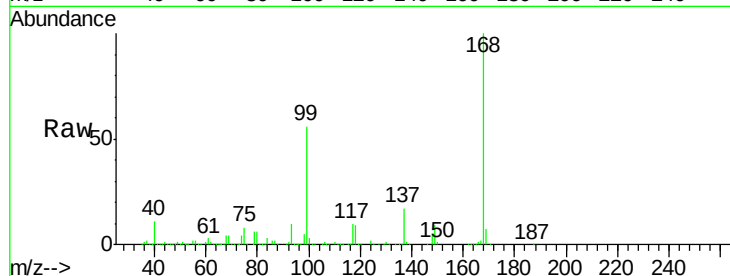
Tot Ion: 75 Resp: 27592

Ion Ratio Lower Upper

75 100

110 9.6 18.4 55.0#

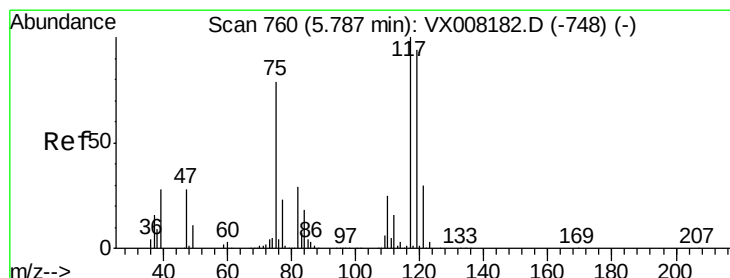
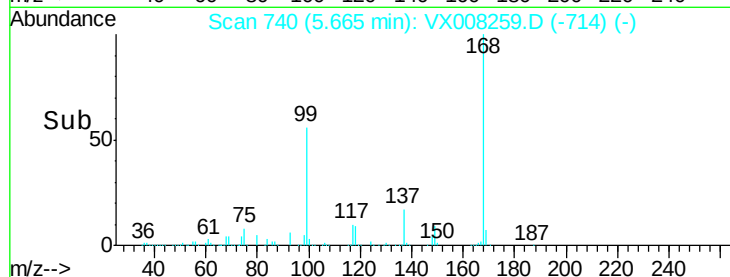
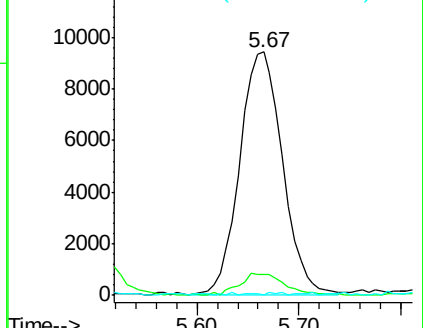
77 0.2 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.845 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008259.D

Acq: 20 Mar 2019 23:07

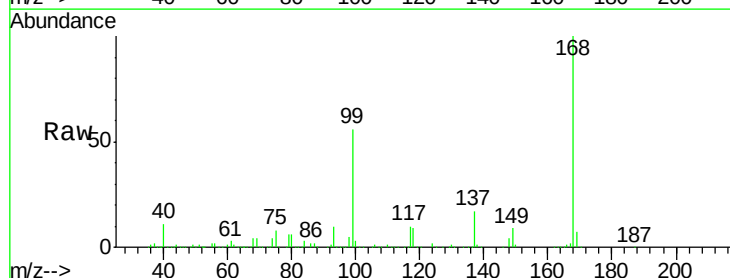
Tgt Ion:117 Resp: 33771

Ion Ratio Lower Upper

117 100

119 3.9 76.2 114.2#

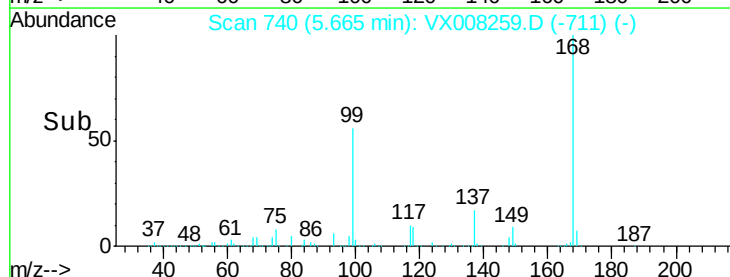
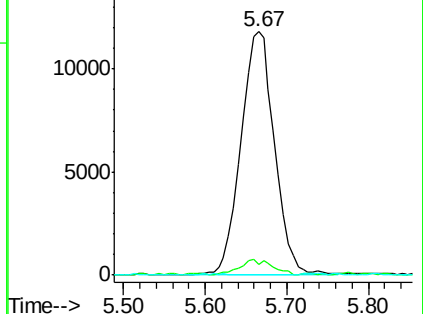
121 0.0 24.6 36.8#

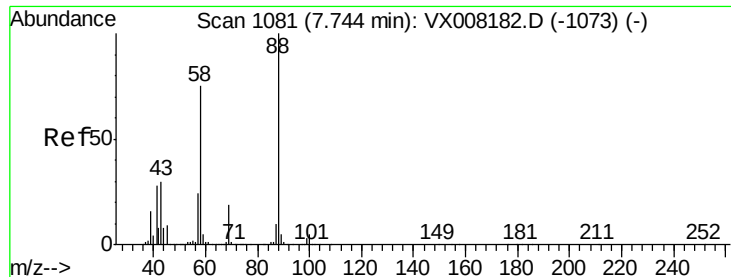


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

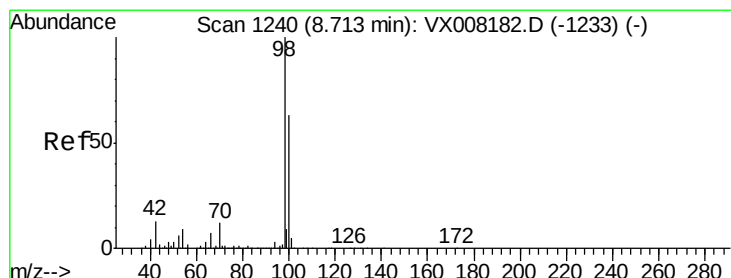
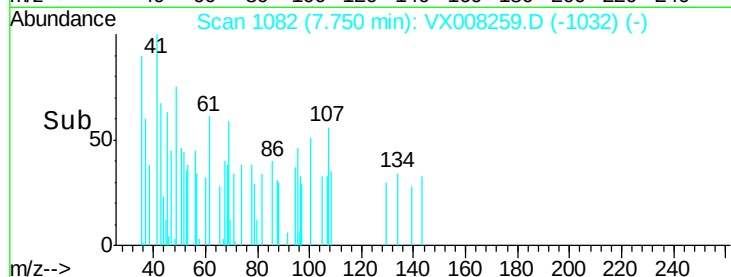
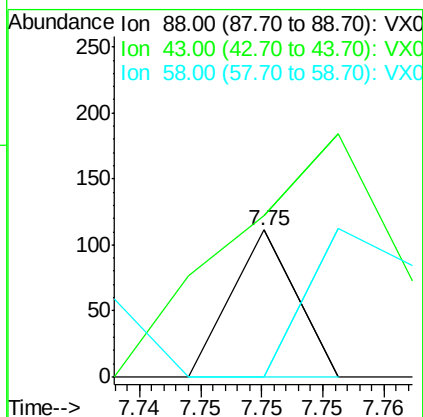
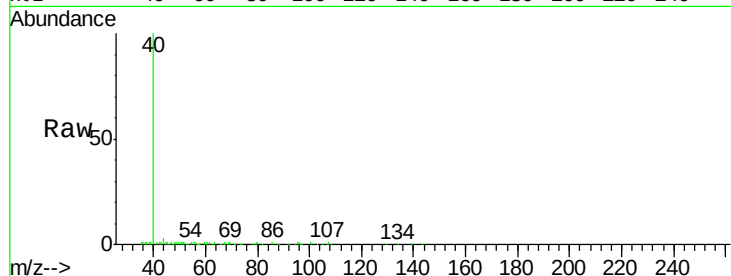




#49
1,4-Dioxane
Concen: 0.356 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX008259.D
Acq: 20 Mar 2019 23:07

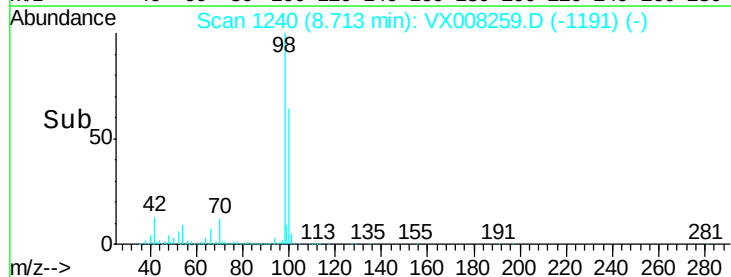
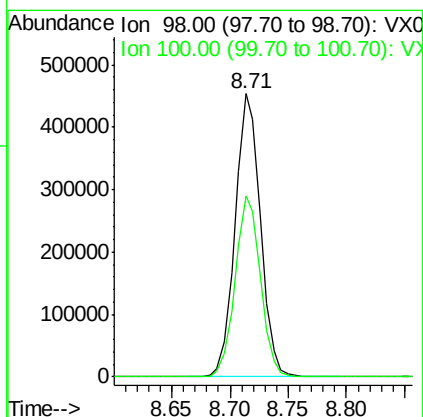
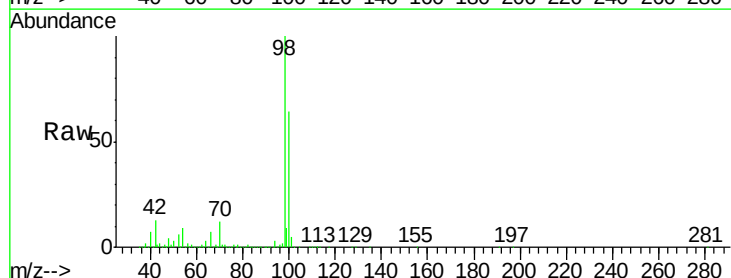
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL02

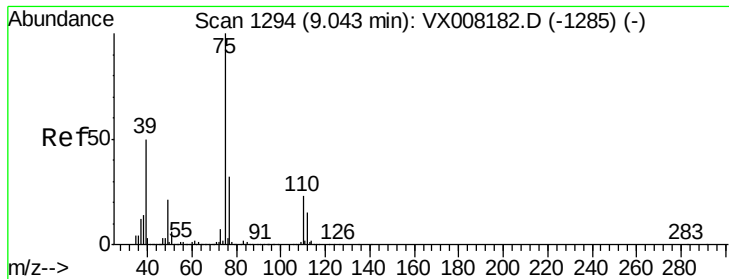
Tot Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 407.3 25.1 37.7#
58 224.4 57.8 86.6#



#50
Toluene-d8
Concen: 48.572 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008259.D
Acq: 20 Mar 2019 23:07

Tgt Ion: 98 Resp: 686673
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5





#53

t-1,3-Dichloropropene

Concen: 1.466 ug/l

RT: 9.05 min Scan# 1296

Delta R.T. 0.01 min

Lab File: VX008259.D

Acq: 20 Mar 2019 23:07

Instrument :

MSVOA_X

ClientSampleId :

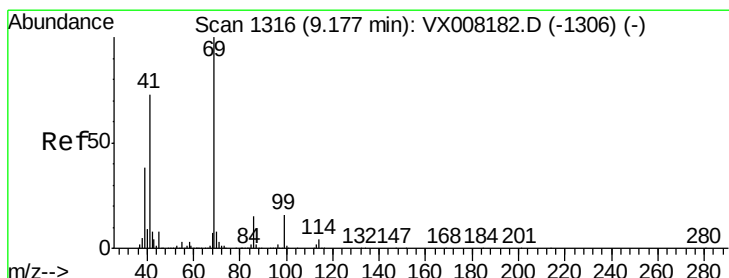
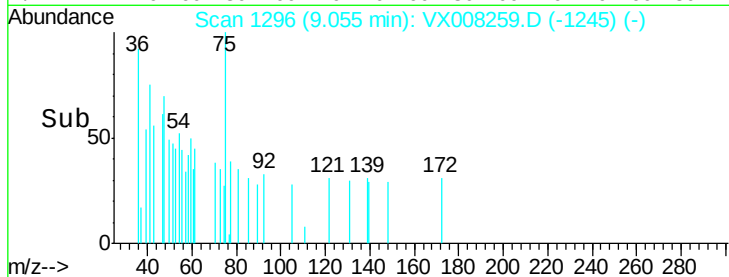
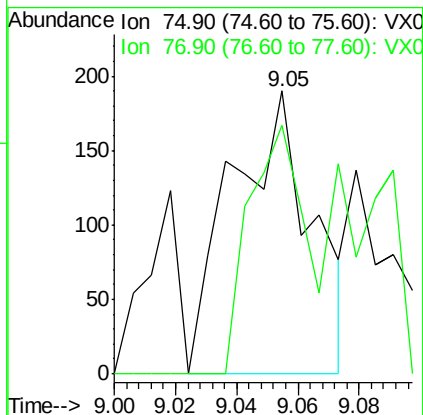
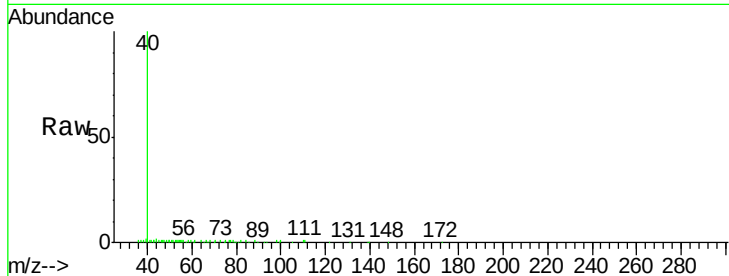
VX0320WBL02

Tot Ion: 75 Resp: 346

Ion Ratio Lower Upper

75 100

77 87.9 25.4 38.0#



#56

Ethyl methacrylate

Concen: 0.548 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX008259.D

Acq: 20 Mar 2019 23:07

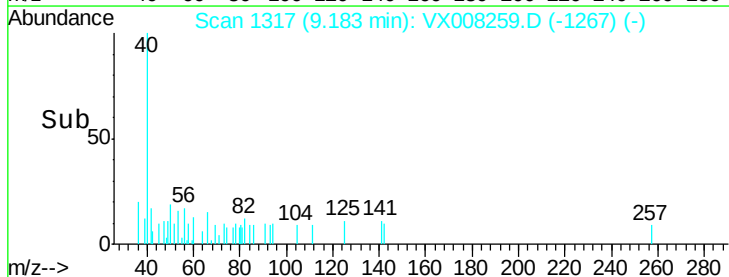
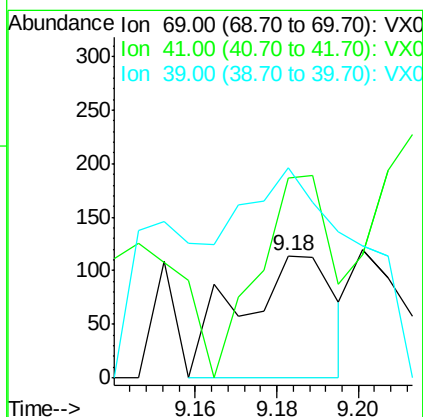
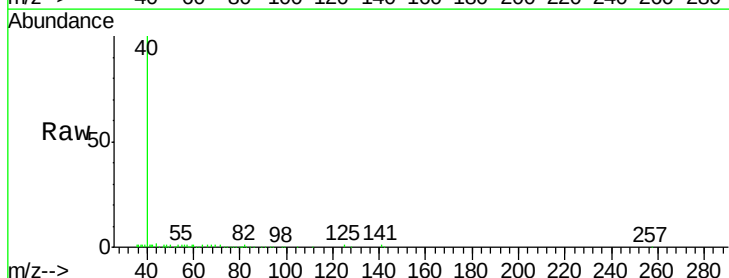
Tgt Ion: 69 Resp: 184

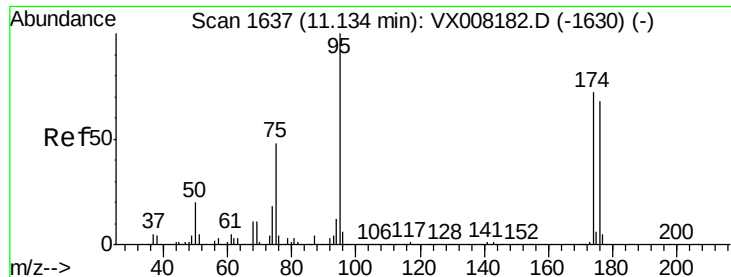
Ion Ratio Lower Upper

69 100

41 127.2 54.2 81.4#

39 210.3 25.0 37.4#

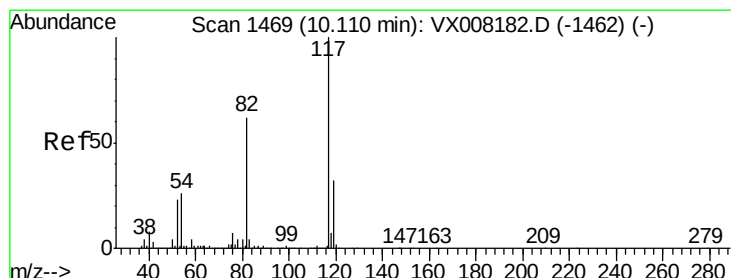
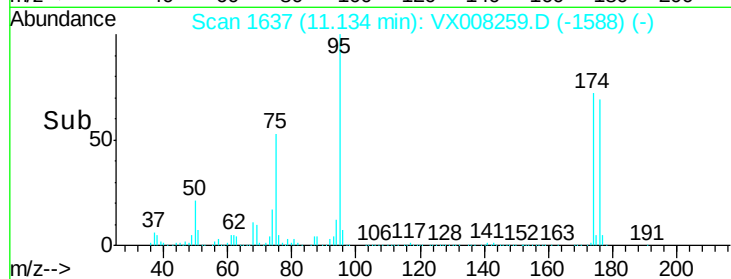
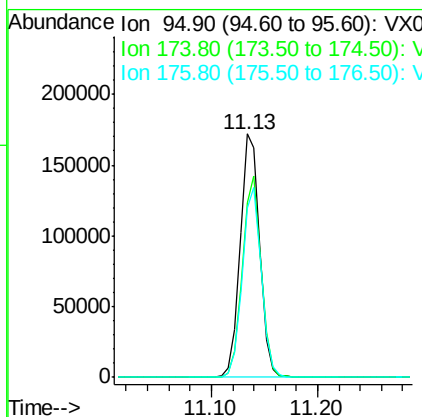
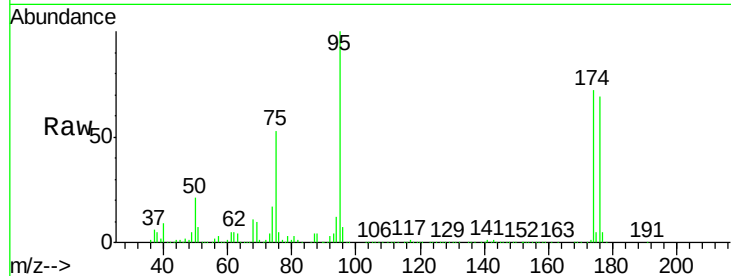




#62
4-Bromofluorobenzene
Concen: 45.307 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008259.D
Acq: 20 Mar 2019 23:07

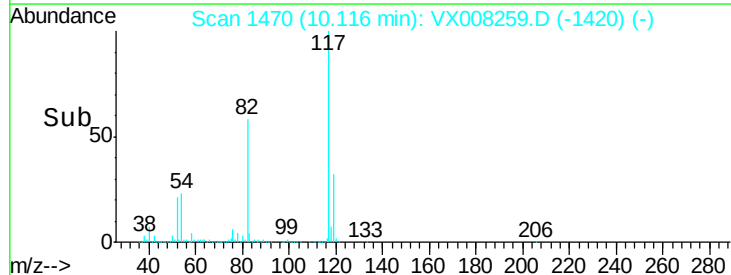
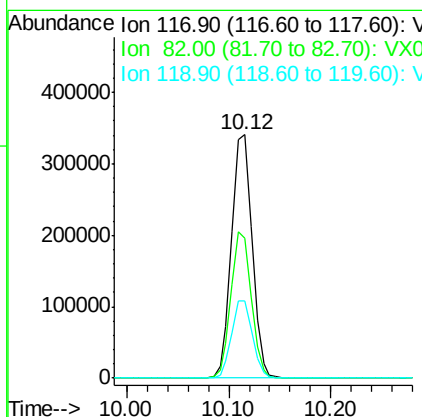
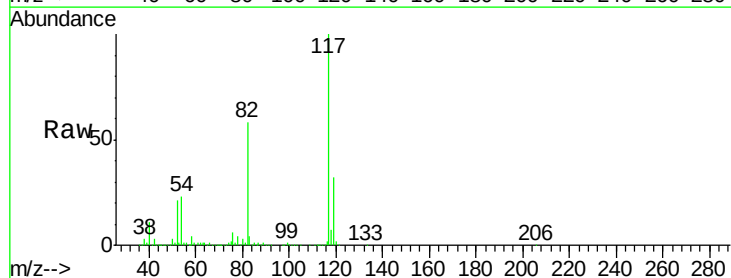
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL02

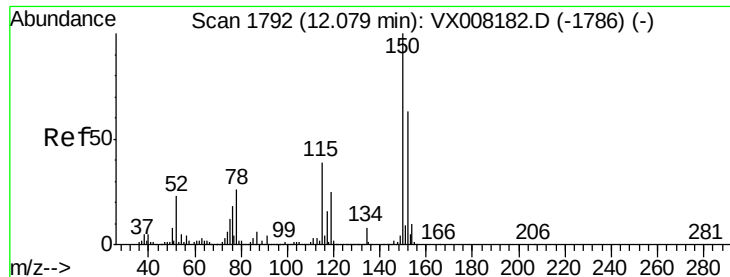
Tot Ion: 95 Resp: 220542
Ion Ratio Lower Upper
95 100
174 79.7 0.0 182.8
176 76.3 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008259.D
Acq: 20 Mar 2019 23:07

Tgt Ion: 117 Resp: 474927
Ion Ratio Lower Upper
117 100
82 57.7 44.3 66.5
119 32.0 25.3 37.9



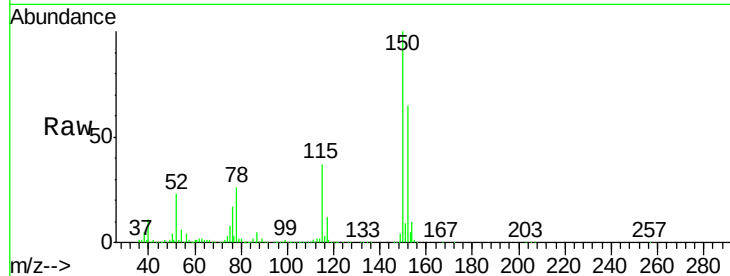


#72

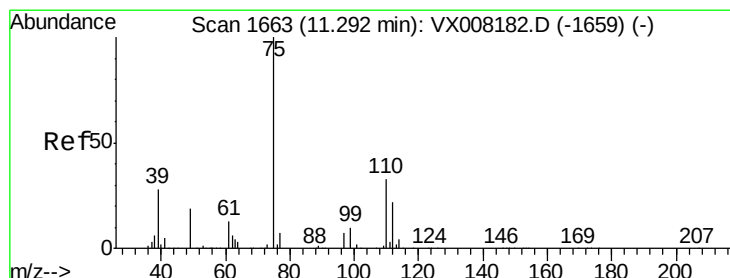
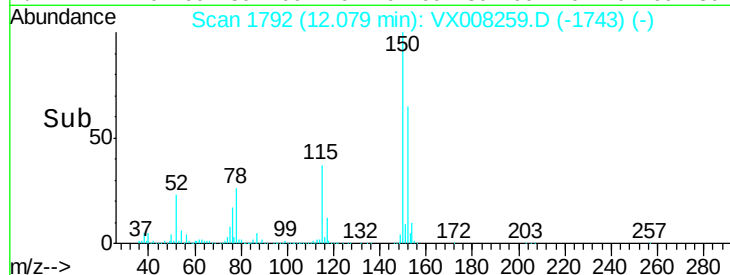
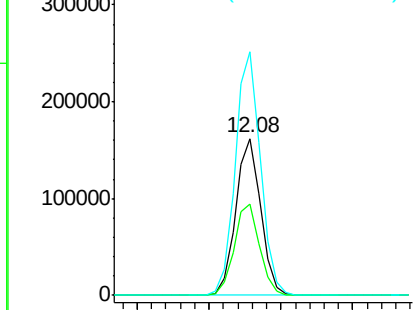
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008259.D
Acq: 20 Mar 2019 23:07

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL02

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.3	38.6	115.7
150	156.6	0.0	348.4



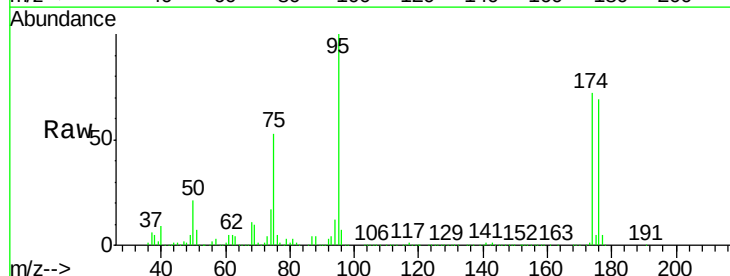
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



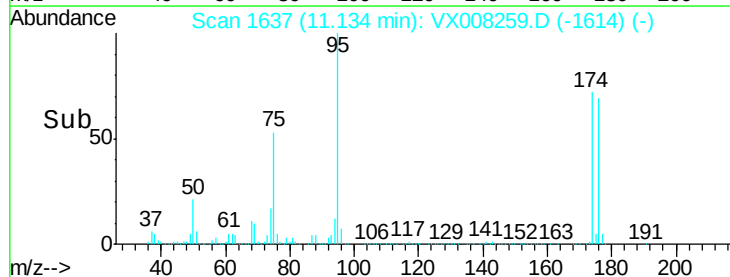
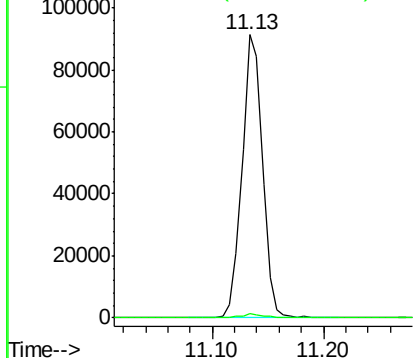
#76

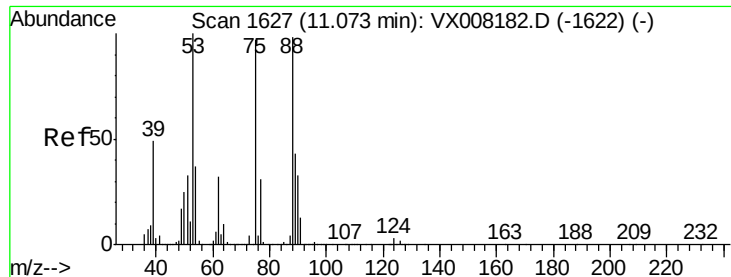
1,2,3-Trichloropropane
Concen: 20.912 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008259.D
Acq: 20 Mar 2019 23:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	18.9	56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.215 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008259.D
 Acq: 20 Mar 2019 23:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBL02

Tot Ion: 75 Resp: 115361
 Ion Ratio Lower Upper
 75 100
 53 0.3 76.1 114.1#
 89 0.1 36.3 54.5#

