

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX042419\
 Data File : VX009136.D
 Acq On : 24 Apr 2019 11:28
 Operator : JC/SP
 Sample : VX0424WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBL01

Quant Time: Apr 25 05:18:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:47:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	374050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134291	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	153269	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
35) Dibromofluoromethane	5.50	113	112740	46.96	ug/l	0.00
Spiked Amount			Recovery	=	93.92%	
50) Toluene-d8	8.71	98	460915	48.14	ug/l	0.00
Spiked Amount			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.13	95	151122	44.72	ug/l	0.00
Spiked Amount			Recovery	=	89.44%	

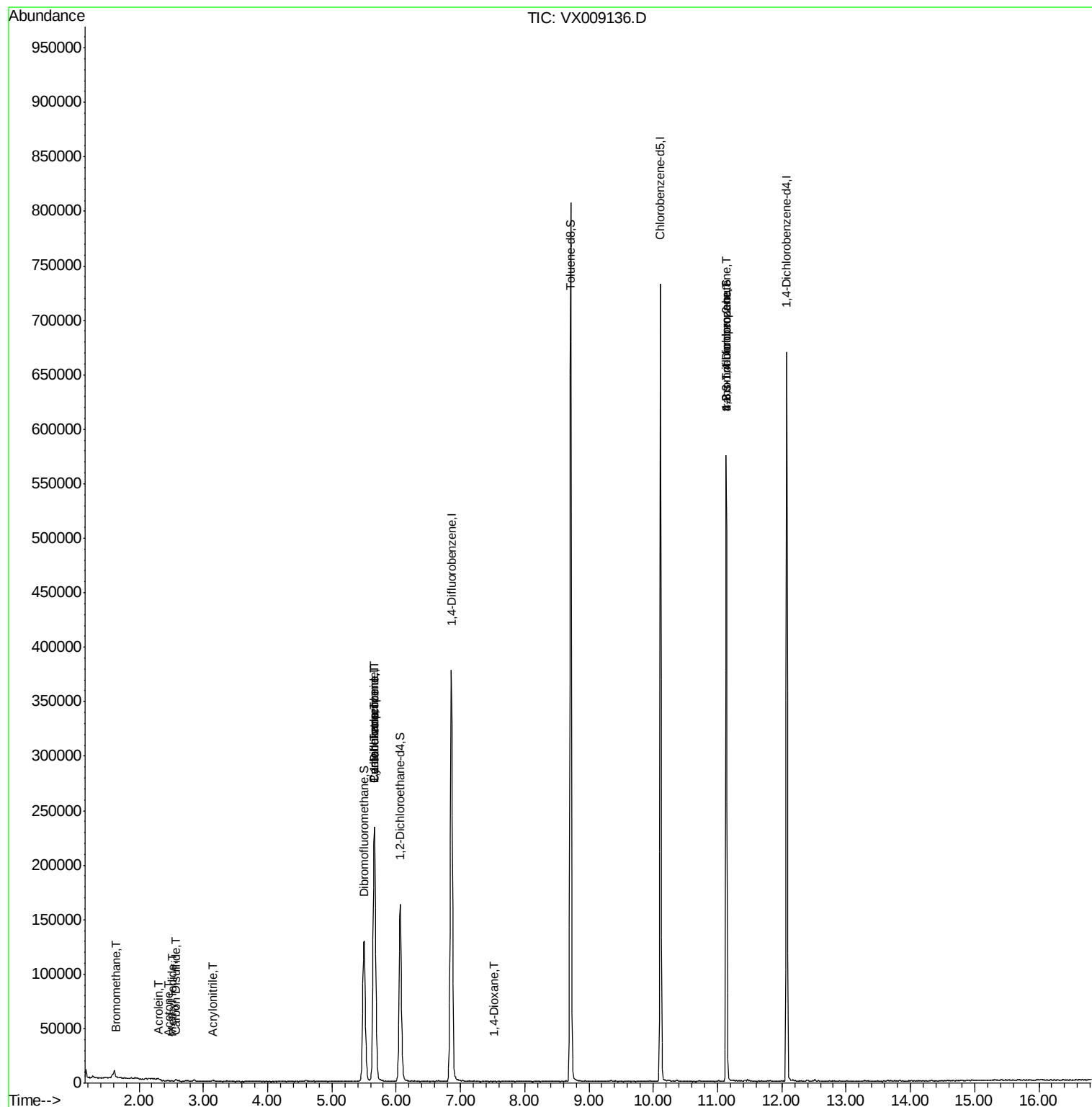
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	249	3.965	ug/l #	39
10) Methyl Iodide	2.51	142	283	4.515	ug/l #	75
13) Acrolein	2.29	56	311	0.503	ug/l #	64
15) Acrylonitrile	3.15	53	387	0.213	ug/l #	72
16) Acetone	2.45	43	785	0.470	ug/l #	83
17) Carbon Disulfide	2.57	76	1272	1.425	ug/l	97
28) Bromochloromethane	5.03	49	79	Below Cal	#	21
31) Cyclohexane	5.67	56	5270	1.027	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	18018	4.658	ug/l #	42
38) Carbon Tetrachloride	5.66	117	21369	6.516	ug/l #	18
49) 1,4-Dioxane	7.52	88	26	0.350	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	76719	23.396	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	76719	60.065	ug/l #	11

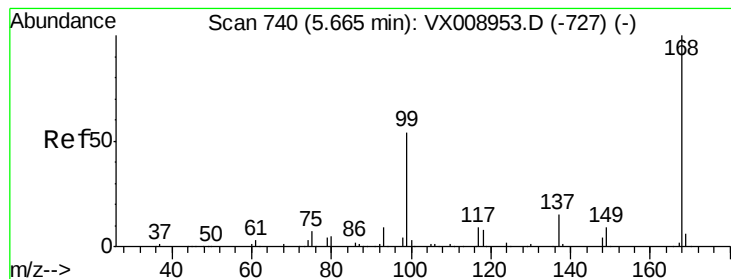
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX042419\
Data File : VX009136.D
Acq On : 24 Apr 2019 11:28
Operator : JC/SP
Sample : VX0424WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBL01

Quant Time: Apr 25 05:18:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X041519W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:47:58 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: VX009136.D

Acq: 24 Apr 2019 11:28

Instrument :

MSVOA_X

ClientSampleId :

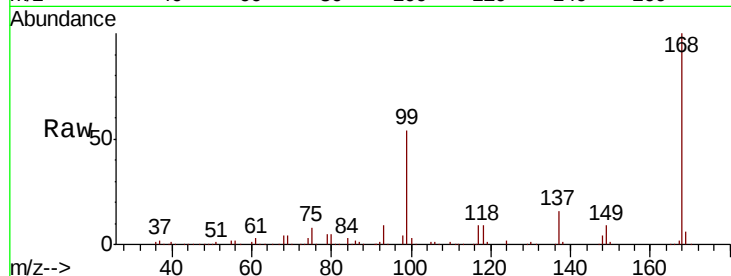
VX0424WBL01

Tgt Ion:168 Resp: 228670

Ion Ratio Lower Upper

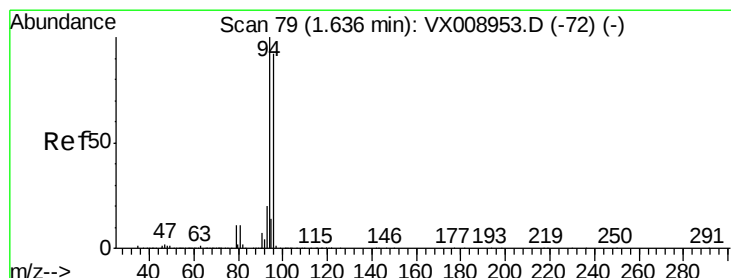
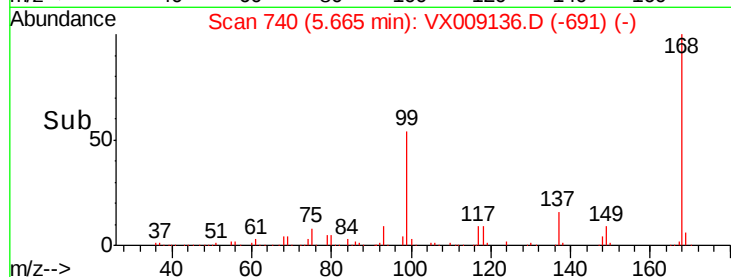
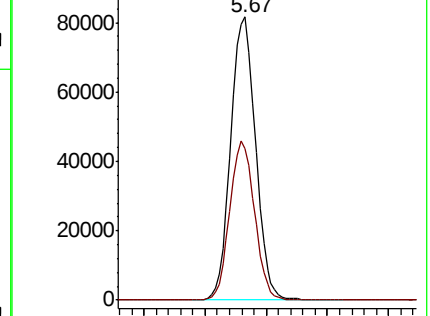
168 100

99 53.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 3.965 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX009136.D

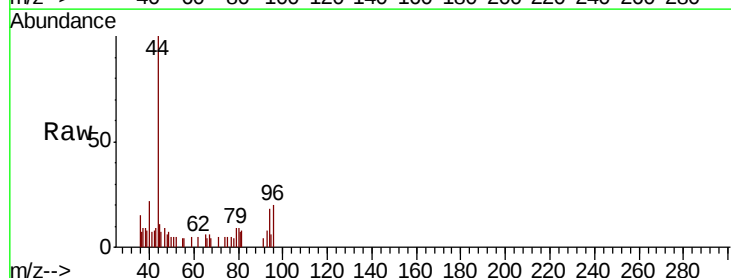
Acq: 24 Apr 2019 11:28

Tgt Ion: 94 Resp: 249

Ion Ratio Lower Upper

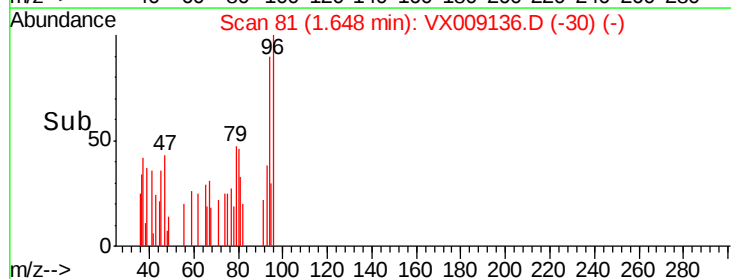
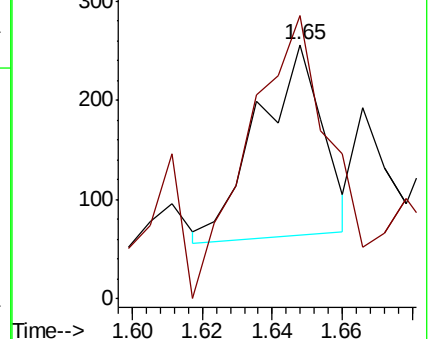
94 100

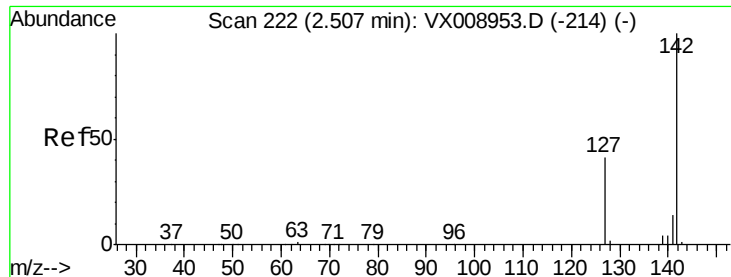
96 150.8 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

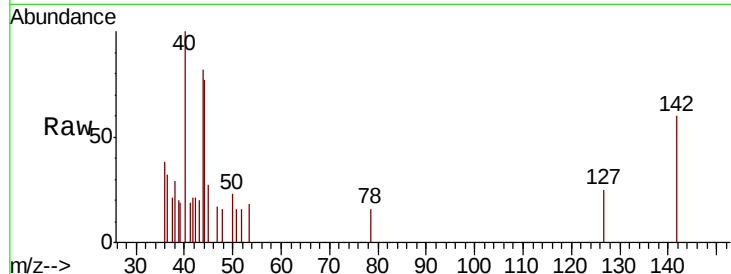




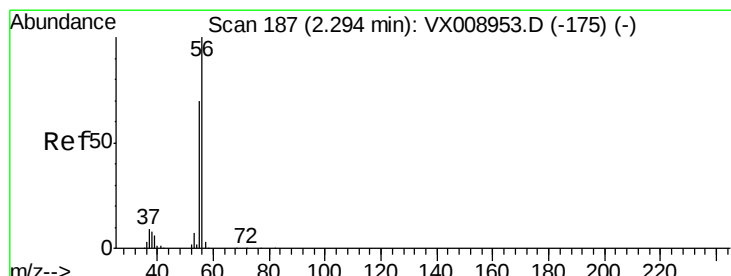
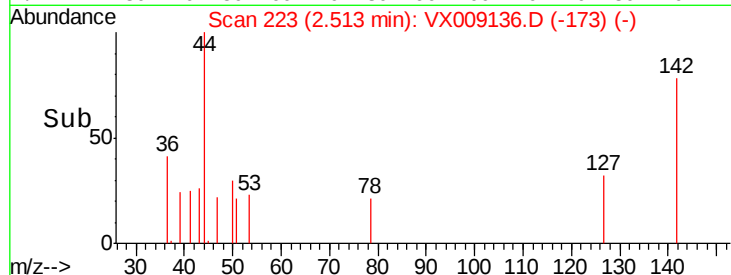
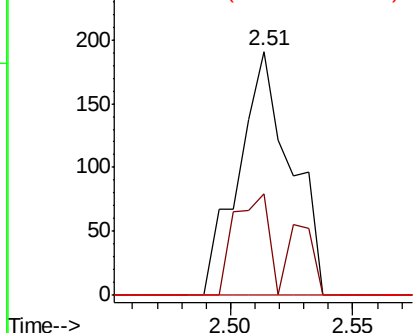
#10
Methyl Iodide
Concen: 4.515 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009136.D
Acq: 24 Apr 2019 11:28

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBL01

Tgt Ion: 142 Resp: 283
Ion Ratio Lower Upper
142 100
127 27.2 32.8 49.2#
141 0.0 11.4 17.2#

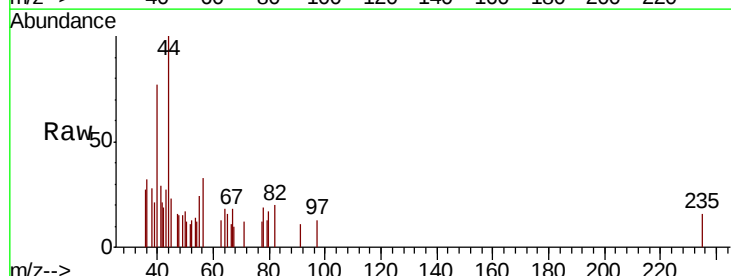


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

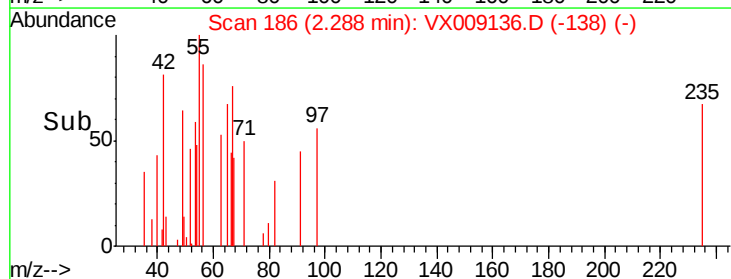
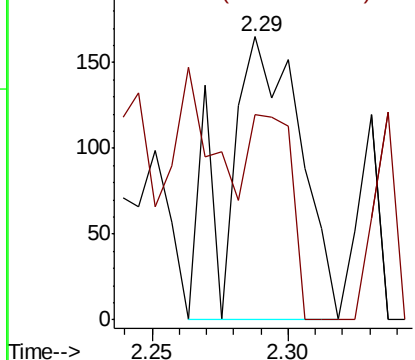


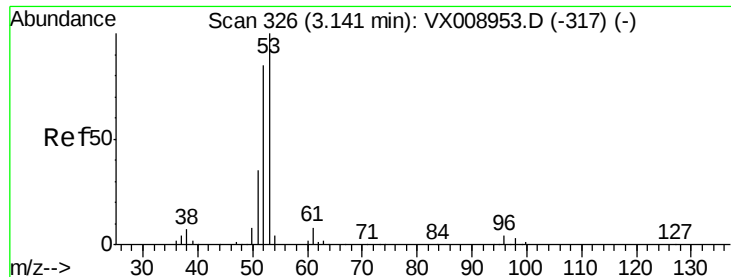
#13
Acrolein
Concen: 0.503 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009136.D
Acq: 24 Apr 2019 11:28

Tgt Ion: 56 Resp: 311
Ion Ratio Lower Upper
56 100
55 41.2 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.213 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX009136.D

Acq: 24 Apr 2019 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBL01

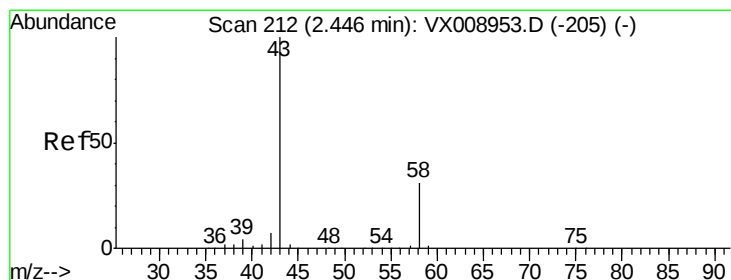
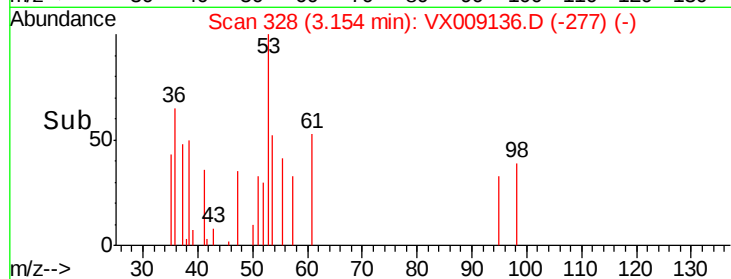
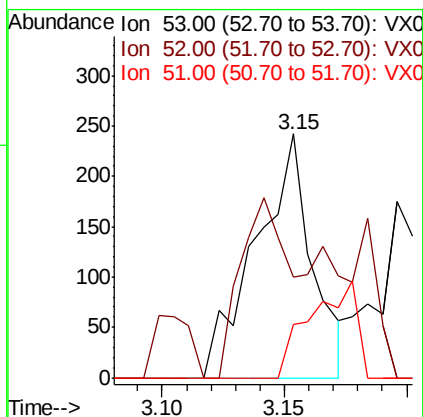
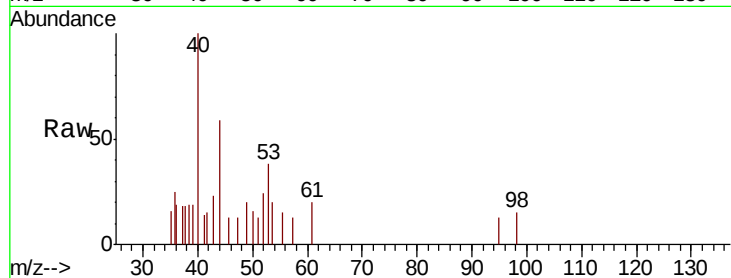
Tgt Ion: 53 Resp: 387

Ion Ratio Lower Upper

53 100

52 71.1 66.6 100.0

51 0.0 28.3 42.5#



#16

Acetone

Concen: 0.470 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX009136.D

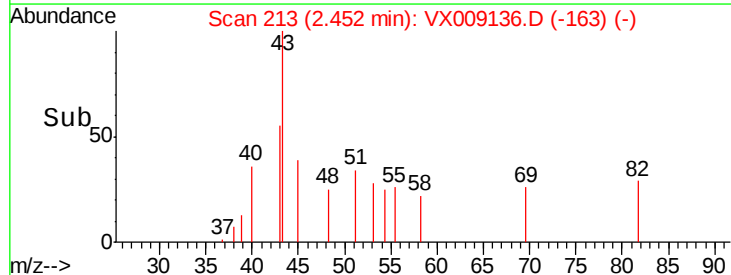
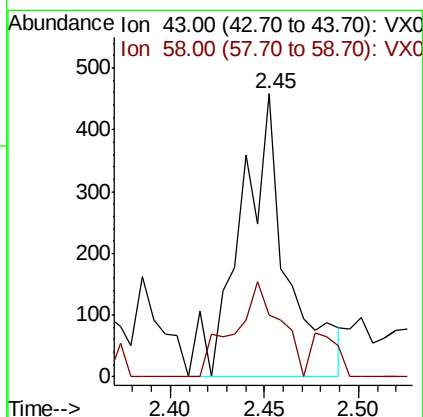
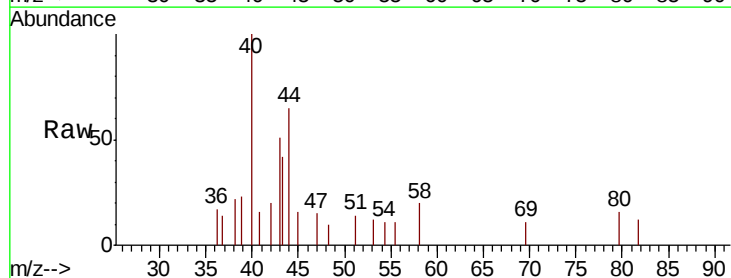
Acq: 24 Apr 2019 11:28

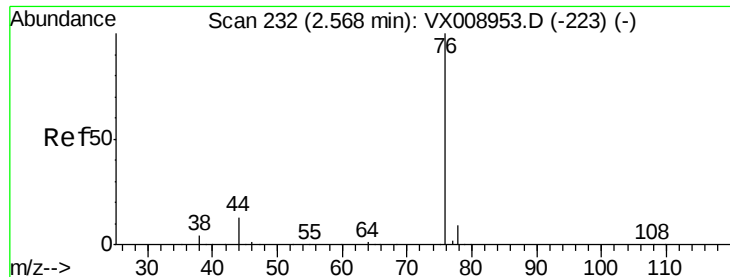
Tgt Ion: 43 Resp: 785

Ion Ratio Lower Upper

43 100

58 21.8 24.8 37.2#

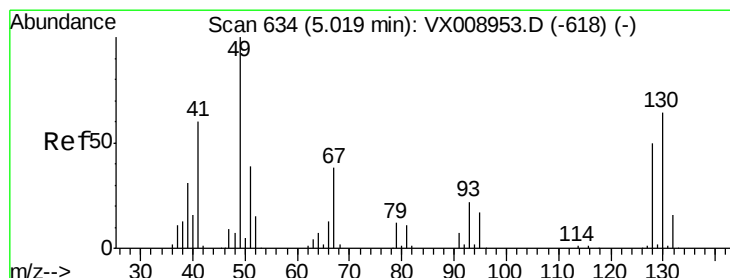
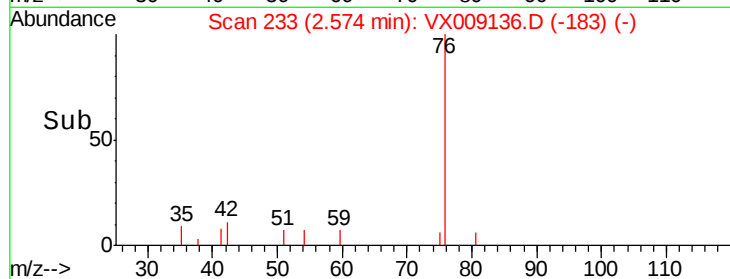
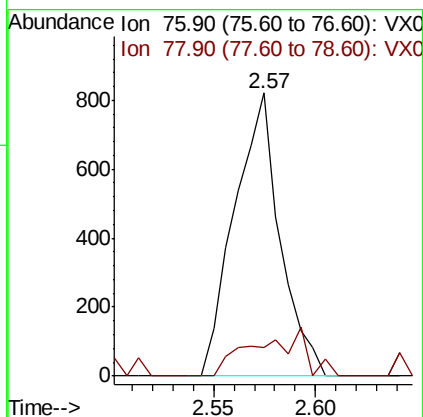
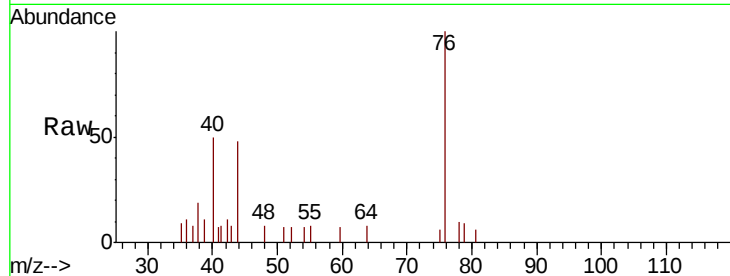




#17
Carbon Disulfide
Concen: 1.425 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX009136.D
Acq: 24 Apr 2019 11:28

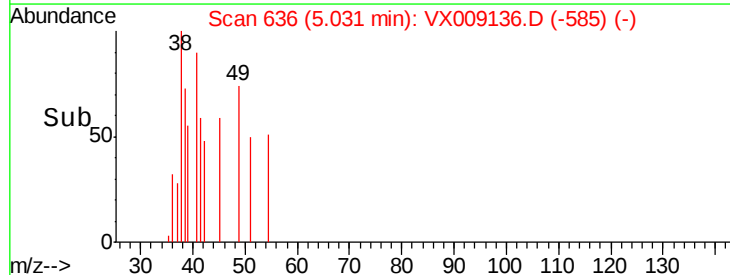
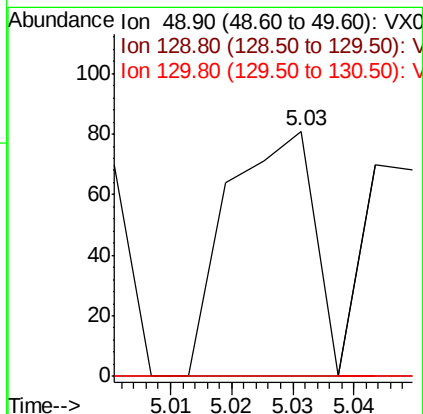
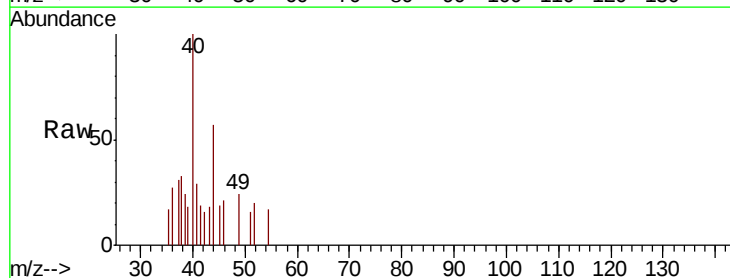
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBL01

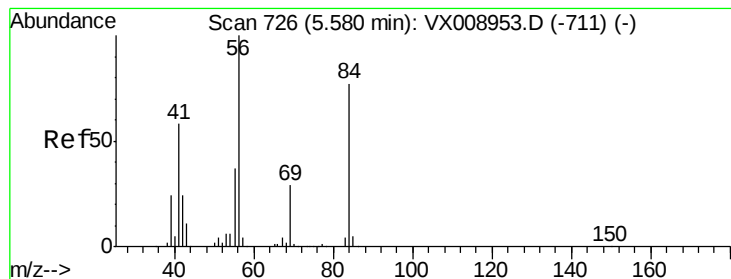
Tgt Ion: 76 Resp: 1272
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 636
Delta R.T. 0.01 min
Lab File: VX009136.D
Acq: 24 Apr 2019 11:28

Tgt Ion: 49 Resp: 79
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 0.0 50.4 75.6#





#31

Cyclohexane

Concen: 1.027 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX009136.D

Acq: 24 Apr 2019 11:28

Instrument :

MSVOA_X

ClientSampled :

VX0424WBL01

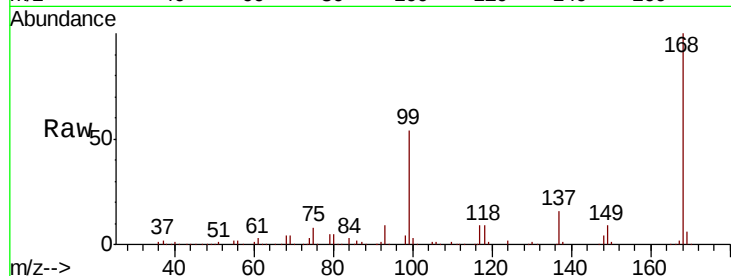
Tgt Ion: 56 Resp: 5270

Ion Ratio Lower Upper

56 100

69 173.9 23.3 34.9#

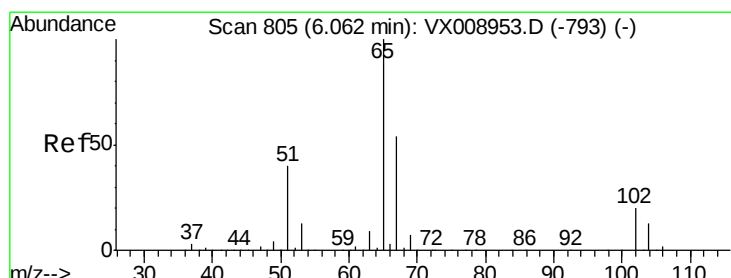
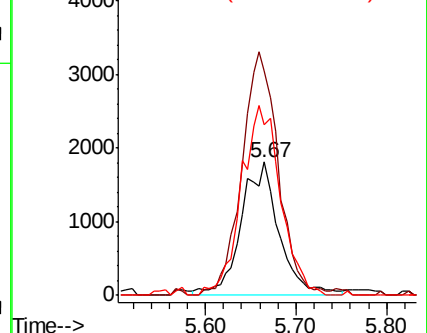
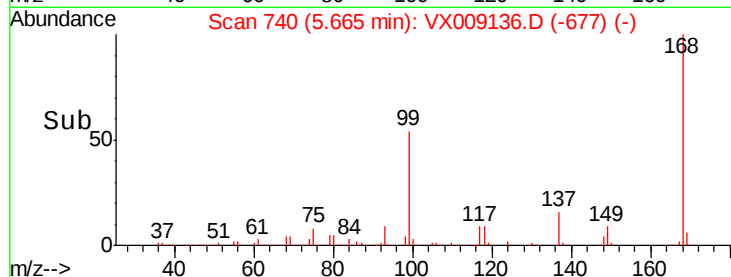
84 131.5 61.7 92.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.561 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009136.D

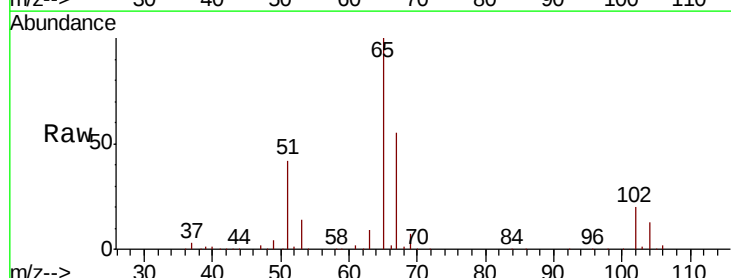
Acq: 24 Apr 2019 11:28

Tgt Ion: 65 Resp: 153269

Ion Ratio Lower Upper

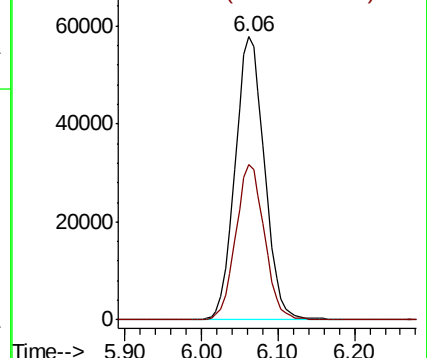
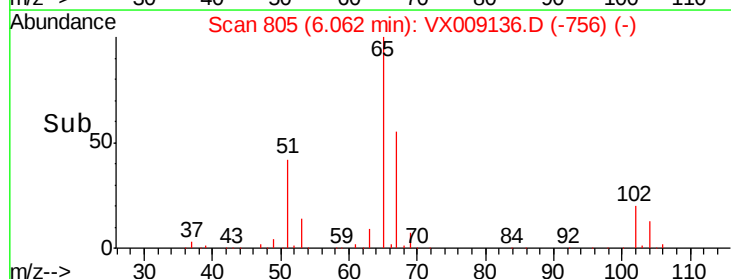
65 100

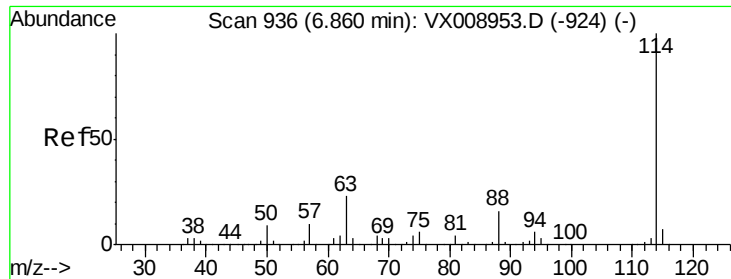
67 53.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

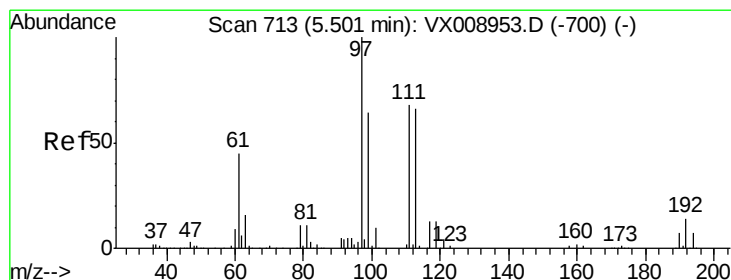
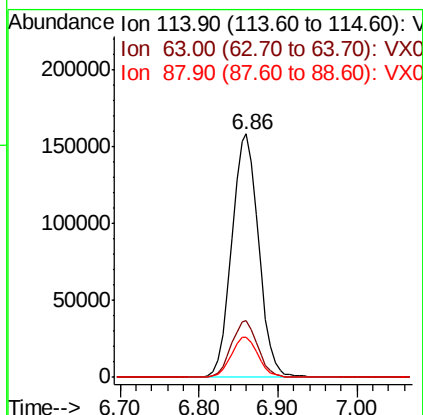
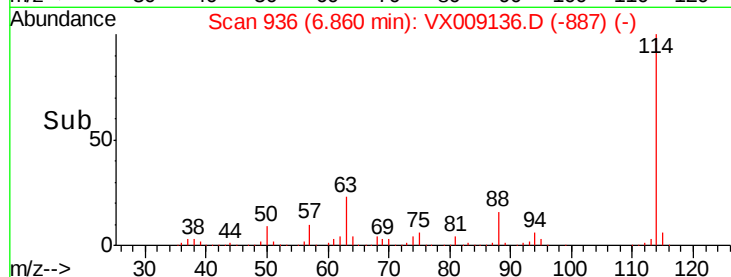
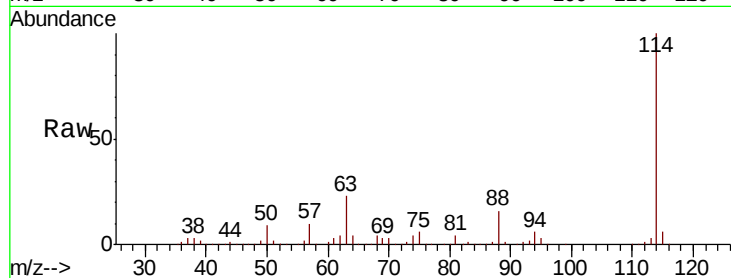




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009136.D
Acq: 24 Apr 2019 11:28

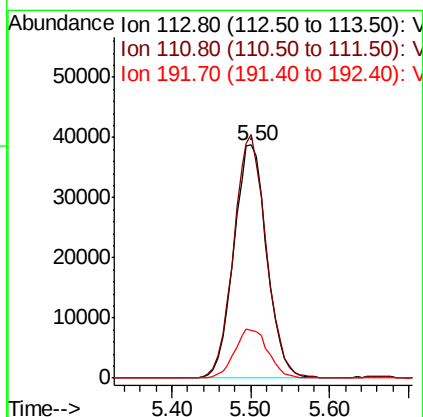
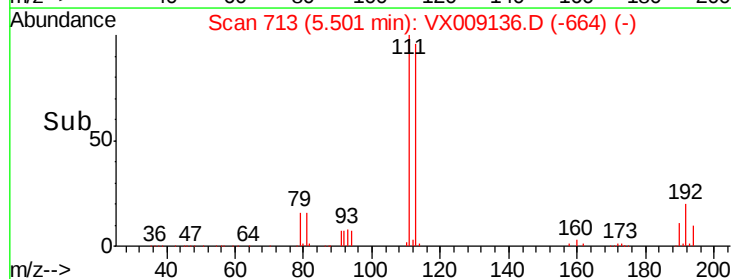
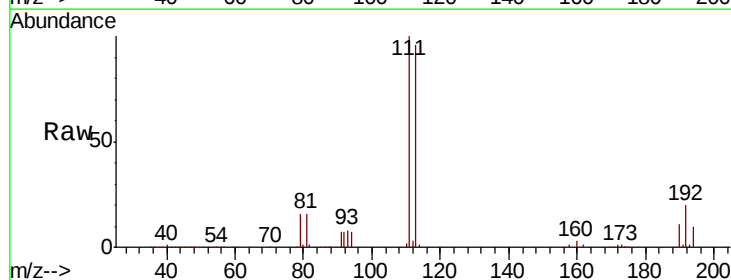
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBL01

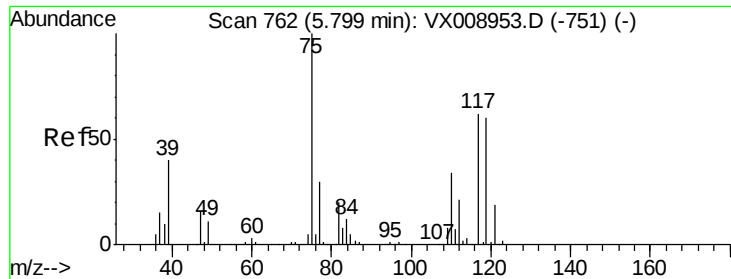
Tgt Ion:114 Resp: 374050
Ion Ratio Lower Upper
114 100
63 23.2 0.0 46.0
88 16.3 0.0 32.6



#35
Dibromofluoromethane
Concen: 46.964 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX009136.D
Acq: 24 Apr 2019 11:28

Tgt Ion:113 Resp: 112740
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 21.3 17.4 26.0

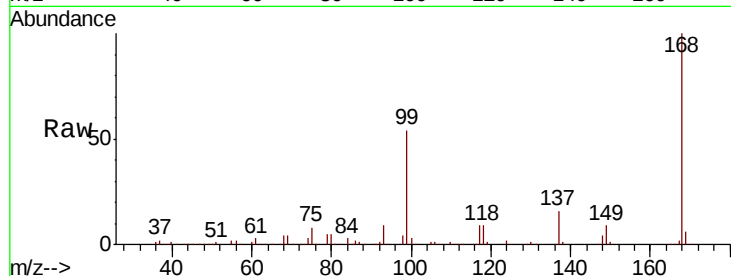




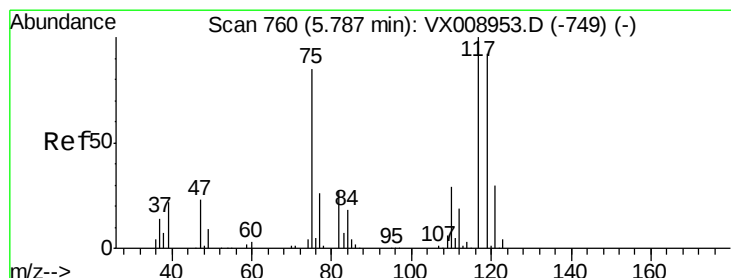
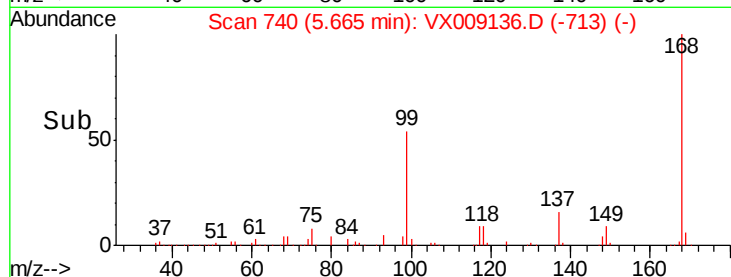
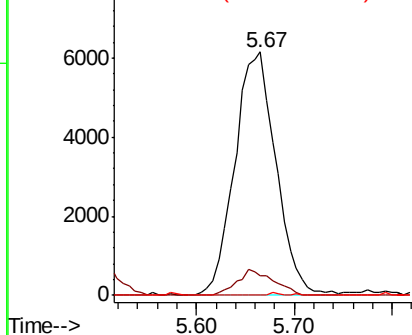
#36
 1,1-Dichloropropene
 Concen: 4.658 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX009136.D
 Acq: 24 Apr 2019 11:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBL01

Tgt Ion: 75 Resp: 18018
 Ion Ratio Lower Upper
 75 100
 110 0.0 16.9 50.7#
 77 0.2 25.0 37.4#

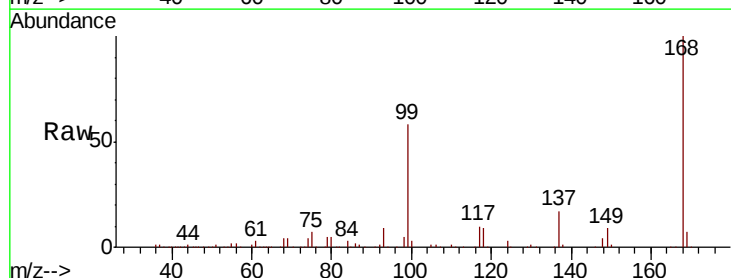


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

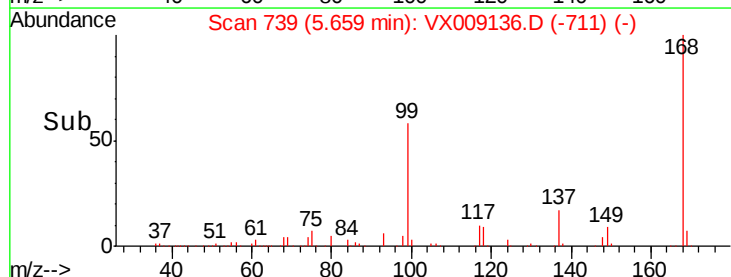
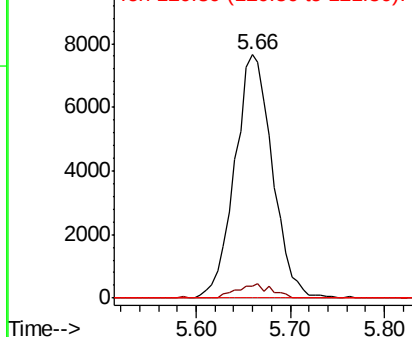


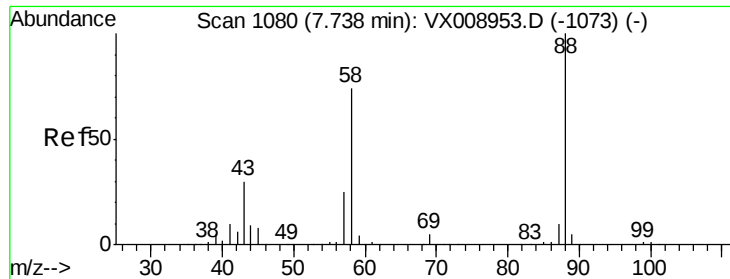
#38
 Carbon Tetrachloride
 Concen: 6.516 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX009136.D
 Acq: 24 Apr 2019 11:28

Tgt Ion: 117 Resp: 21369
 Ion Ratio Lower Upper
 117 100
 119 5.1 73.8 110.8#
 121 0.0 23.6 35.4#



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

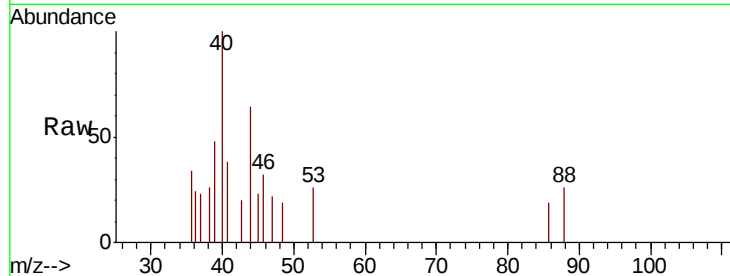




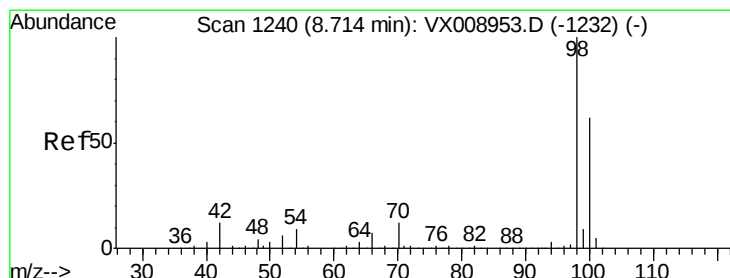
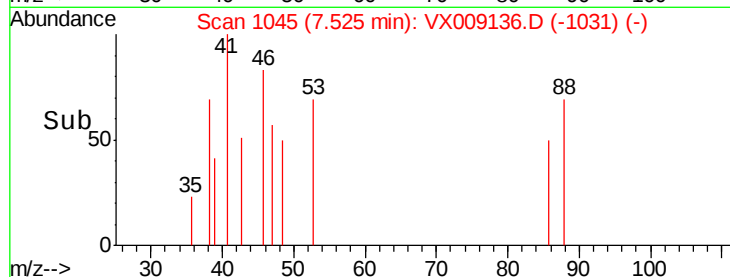
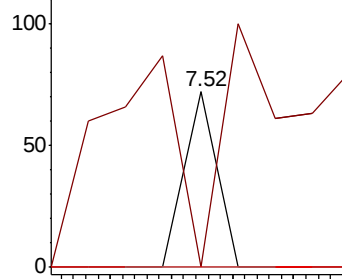
#49
1,4-Dioxane
Concen: 0.350 ug/l
RT: 7.52 min Scan# 1045
Delta R.T. -0.21 min
Lab File: VX009136.D
Acq: 24 Apr 2019 11:28

Instrument :
MSVOA_X
ClientSampled :
VX0424WBL01

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 315.4 29.3 43.9#
58 0.0 62.6 93.8#

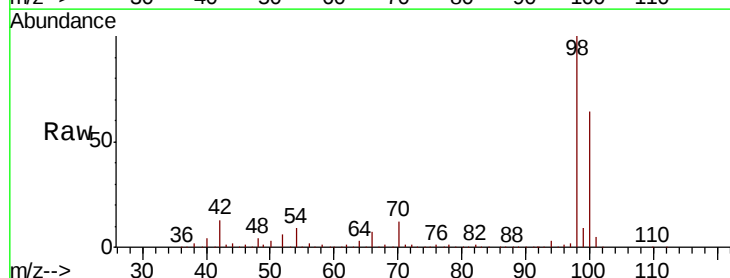


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

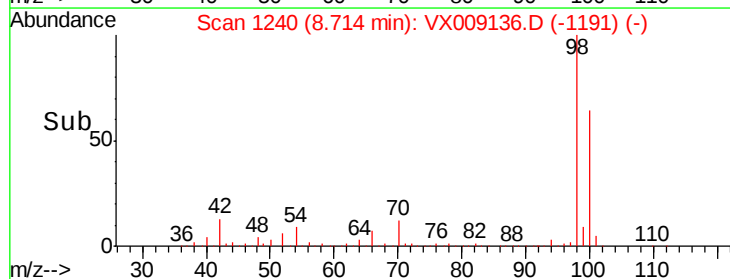
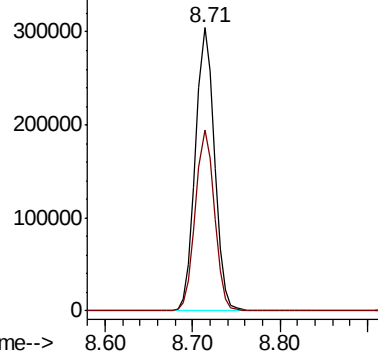


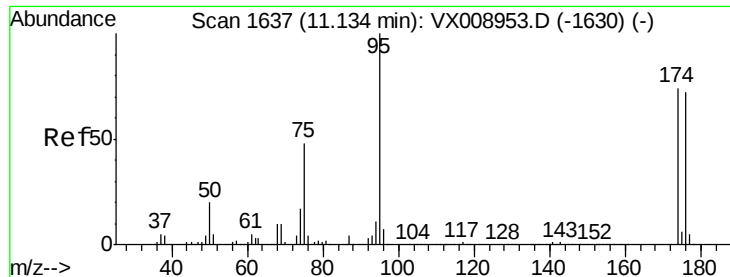
#50
Toluene-d8
Concen: 48.144 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009136.D
Acq: 24 Apr 2019 11:28

Tgt Ion: 98 Resp: 460915
Ion Ratio Lower Upper
98 100
100 63.8 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

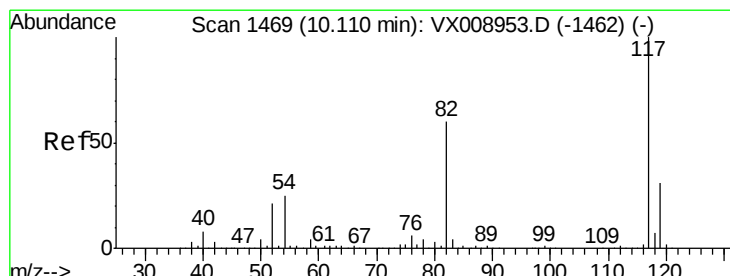
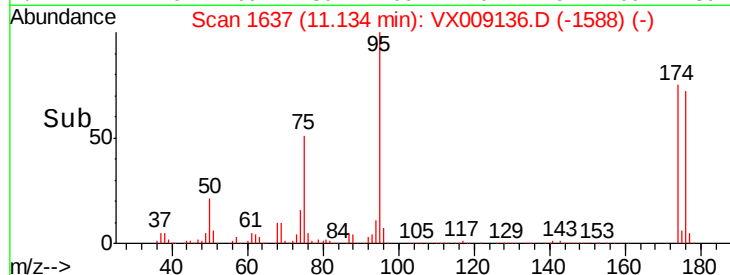
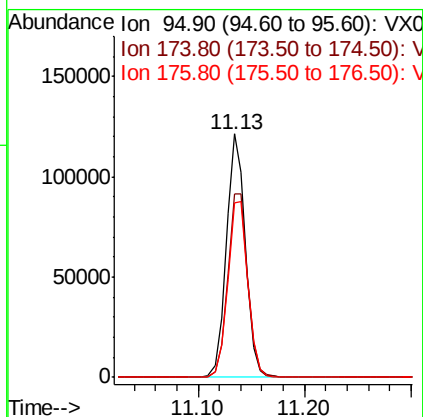
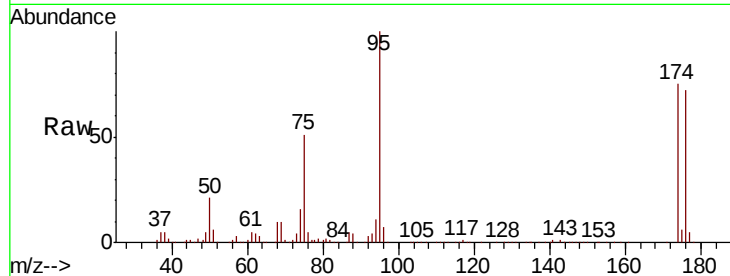




#62
 4-Bromofluorobenzene
 Concen: 44.717 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX009136.D
 Acq: 24 Apr 2019 11:28

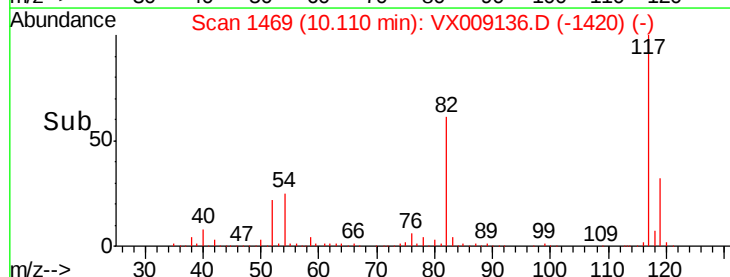
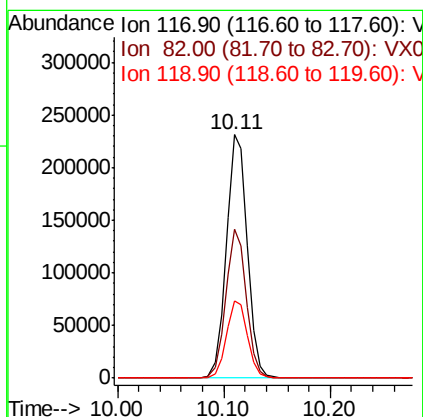
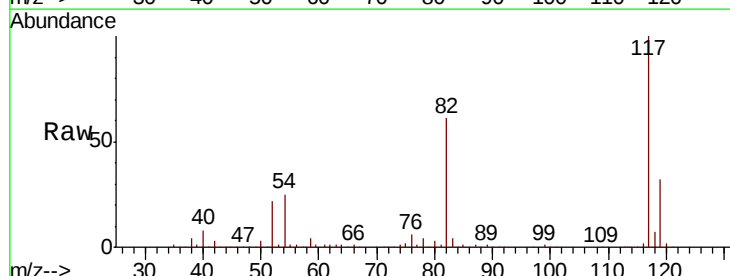
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBL01

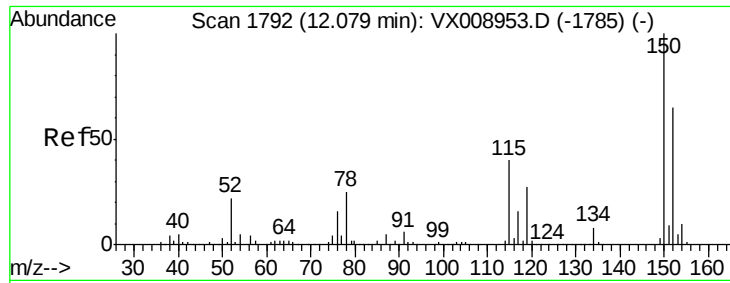
Tgt Ion: 95 Resp: 151122
 Ion Ratio Lower Upper
 95 100
 174 79.6 0.0 159.6
 176 76.7 0.0 154.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009136.D
 Acq: 24 Apr 2019 11:28

Tgt Ion: 117 Resp: 318388
 Ion Ratio Lower Upper
 117 100
 82 60.9 48.2 72.4
 119 31.9 25.0 37.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009136.D

Acq: 24 Apr 2019 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBL01

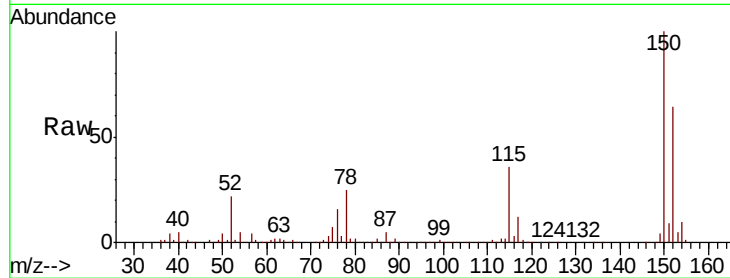
Tgt Ion:152 Resp: 134291

Ion Ratio Lower Upper

152 100

115 59.1 41.4 124.2

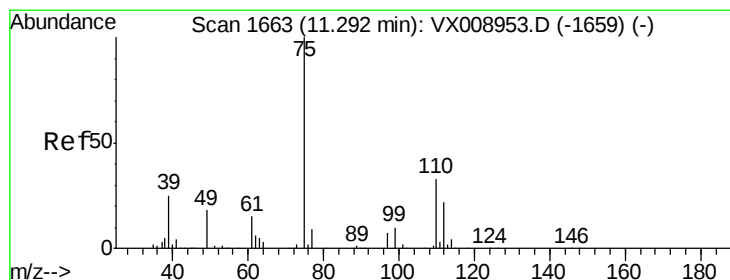
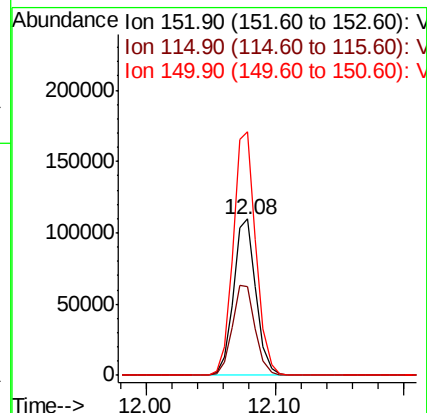
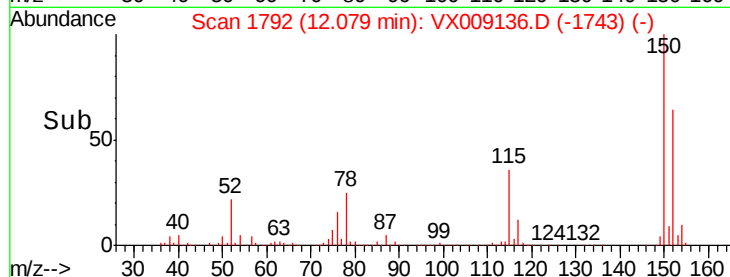
150 157.5 0.0 349.8



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



#76

1,2,3-Trichloropropane

Concen: 23.396 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009136.D

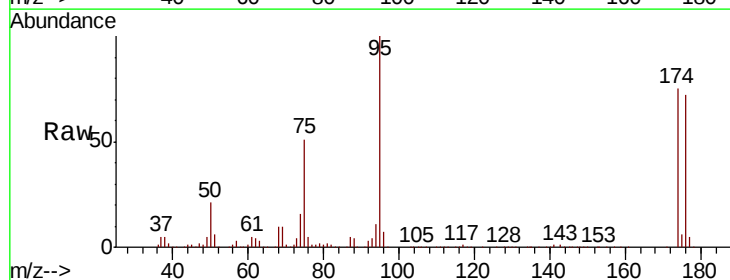
Acq: 24 Apr 2019 11:28

Tgt Ion: 75 Resp: 76719

Ion Ratio Lower Upper

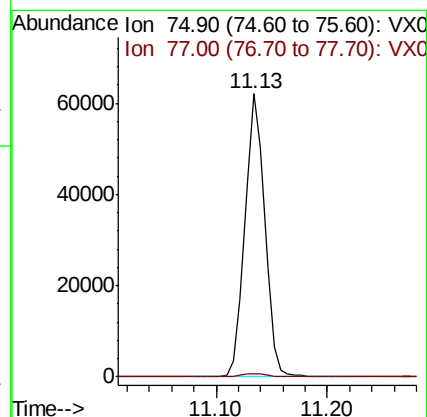
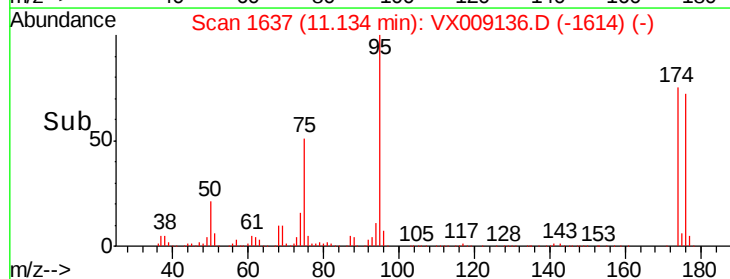
75 100

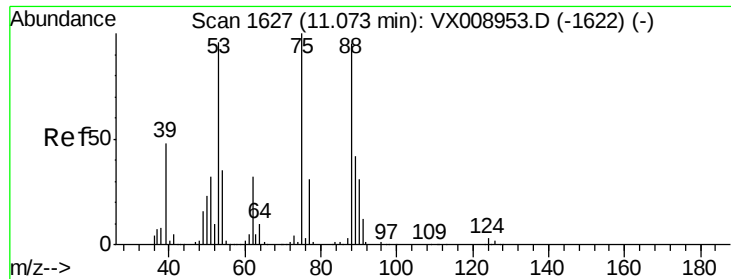
77 1.3 22.7 68.0#



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: 60.065 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009136.D

Acq: 24 Apr 2019 11:28

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBL01

Tgt Ion: 75 Resp: 76719

Ion Ratio Lower Upper

75 100

53 0.0 78.2 117.4#

89 0.1 36.0 54.0#

