

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010402.D
 Acq On : 24 Jun 2019 10:46
 Operator : JC/SP
 Sample : VX0624WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBL01

Quant Time: Jun 25 03:35:32 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	5.66	168	272429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	412924	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	359231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	159389	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	134294	52.58	ug/l	0.00
Spiked Amount			Recovery	=	105.16%	
35) Dibromofluoromethane	5.49	113	134918	53.40	ug/l	0.00
Spiked Amount			Recovery	=	106.80%	
50) Toluene-d8	8.71	98	505906	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	11.13	95	166075	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	

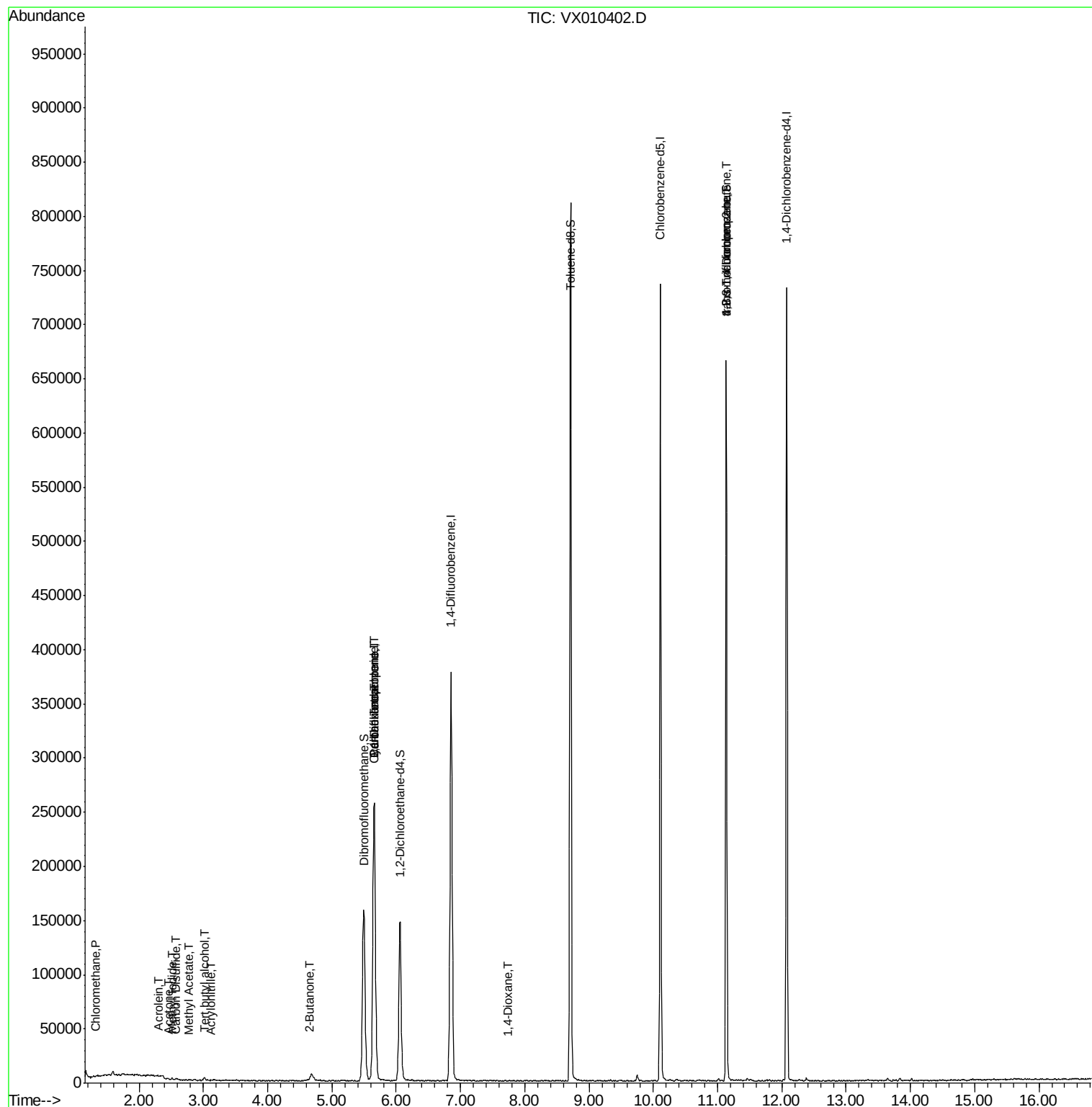
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	666	0.302	ug/l	99
10) Methyl Iodide	2.52	142	1034	0.312	ug/l	94
11) Tert butyl alcohol	3.02	59	1403	2.099	ug/l #	88
13) Acrolein	2.31	56	563	1.270	ug/l #	14
15) Acrylonitrile	3.12	53	270	0.204	ug/l #	10
16) Acetone	2.45	43	1075	0.840	ug/l #	67
17) Carbon Disulfide	2.57	76	1634	0.258	ug/l #	77
18) Methyl Acetate	2.77	43	876	0.343	ug/l #	72
25) 2-Butanone	4.65	43	449	0.239	ug/l #	46
31) Cyclohexane	5.65	56	4934	1.337	ug/l #	4
36) 1,1-Dichloropropene	5.65	75	16552	5.044	ug/l #	48
38) Carbon Tetrachloride	5.66	117	23792	6.696	ug/l #	14
49) 1,4-Dioxane	7.73	88	22	0.294	ug/l #	25
76) 1,2,3-Trichloropropane	11.13	75	76301	26.270	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	76301	61.285	ug/l #	16

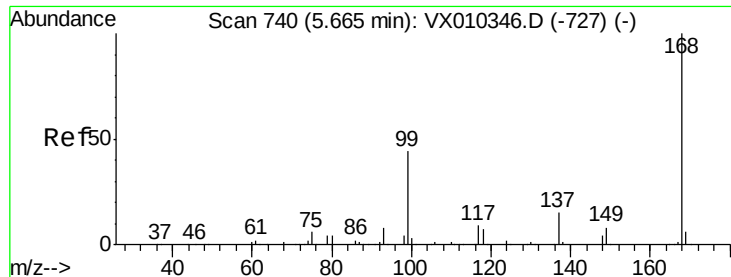
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062419\
Data File : VX010402.D
Acq On : 24 Jun 2019 10:46
Operator : JC/SP
Sample : VX0624WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

Quant Time: Jun 25 03:35:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

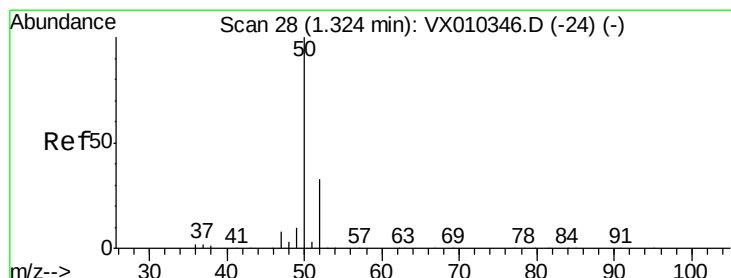
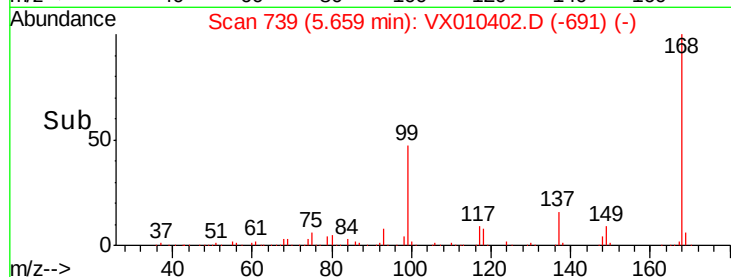
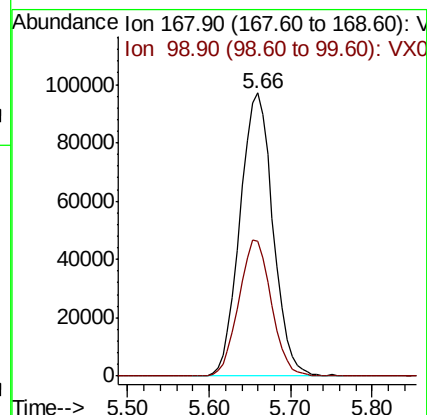
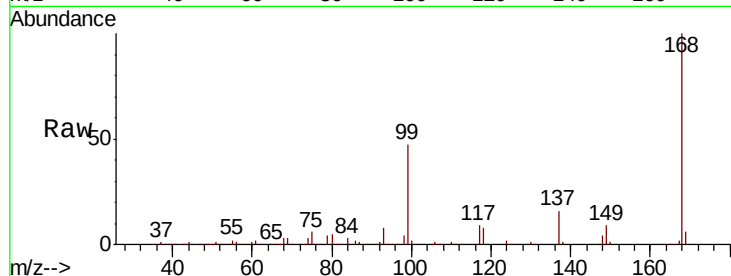




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010402.D
Acq: 24 Jun 2019 10:46

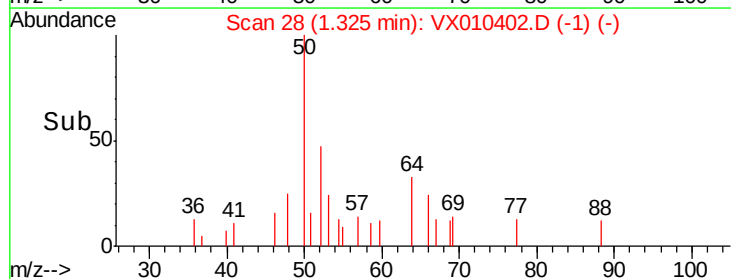
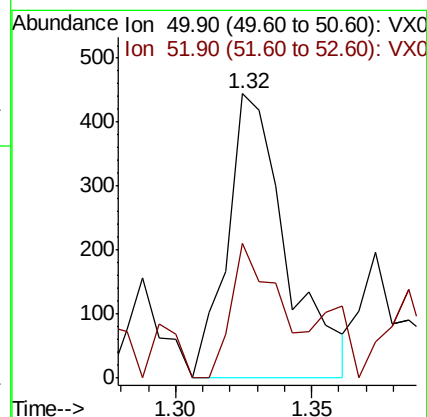
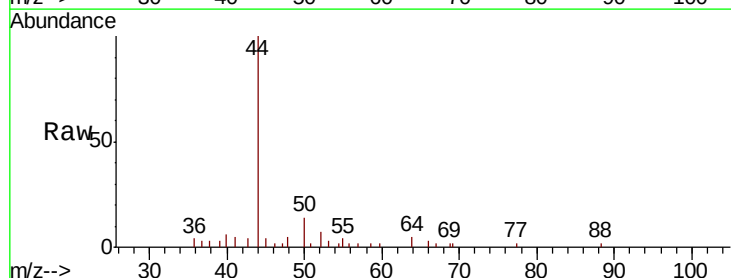
Instrument :
MSVOA_X
ClientSampled :
VX0624WBL01

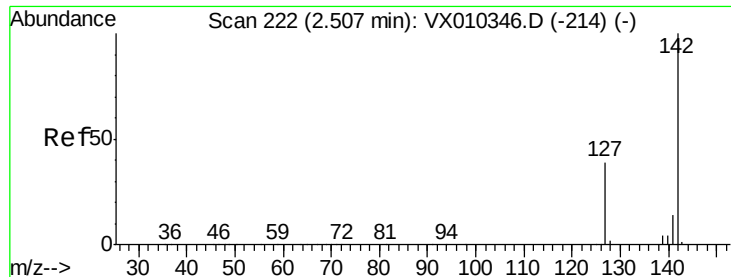
Tot Ion:168 Resp: 272429
Ion Ratio Lower Upper
168 100
99 47.4 35.5 53.3



#3
Chloromethane
Concen: 0.302 ug/l
RT: 1.32 min Scan# 28
Delta R.T. 0.00 min
Lab File: VX010402.D
Acq: 24 Jun 2019 10:46

Tgt Ion: 50 Resp: 666
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

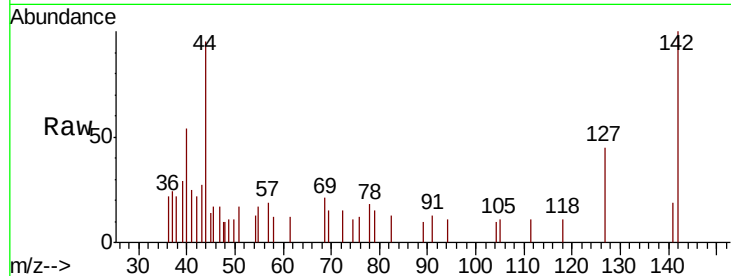




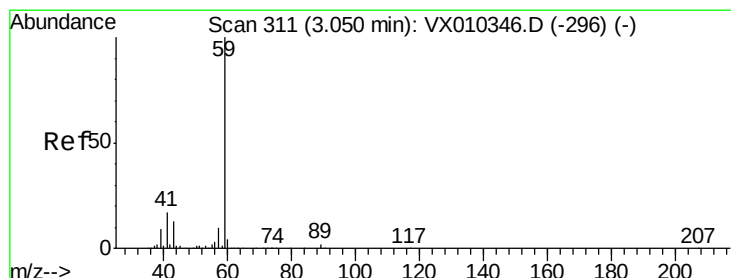
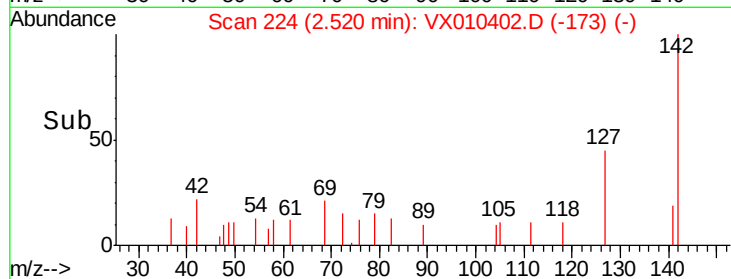
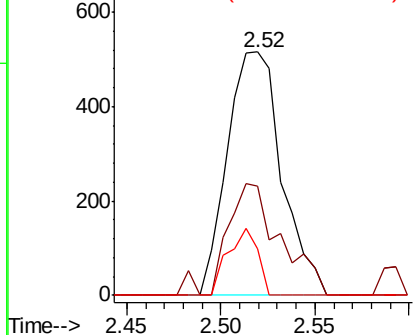
#10
Methvl Iodide
Concen: 0.312 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX010402.D
Acq: 24 Jun 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

Tot Ion:142 Resp: 1034
Ion Ratio Lower Upper
142 100
127 43.6 31.1 46.7
141 15.1 11.2 16.8

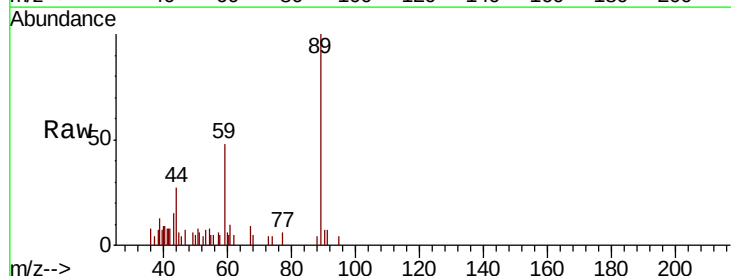


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

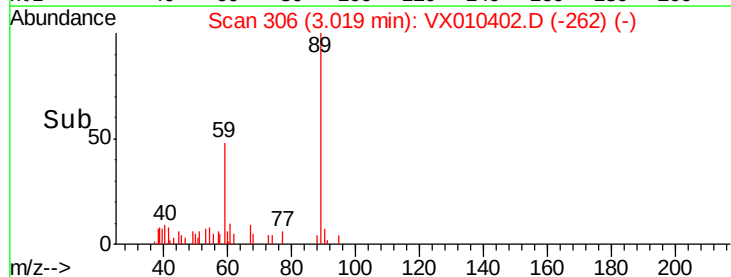
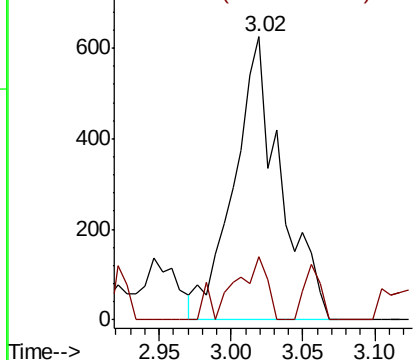


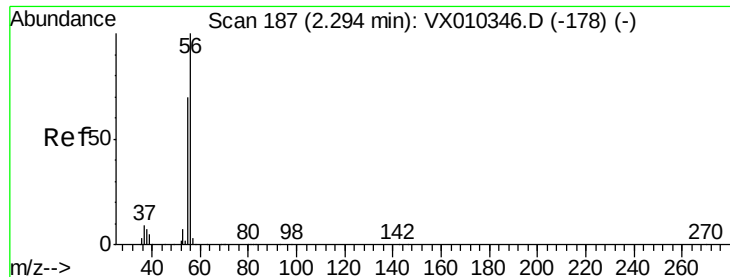
#11
Tert butyl alcohol
Concen: 2.099 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX010402.D
Acq: 24 Jun 2019 10:46

Tgt Ion: 59 Resp: 1403
Ion Ratio Lower Upper
59 100
57 14.2 7.7 11.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 1.270 ug/l

RT: 2.31 min Scan# 189

Delta R.T. 0.01 min

Lab File: VX010402.D

Acq: 24 Jun 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

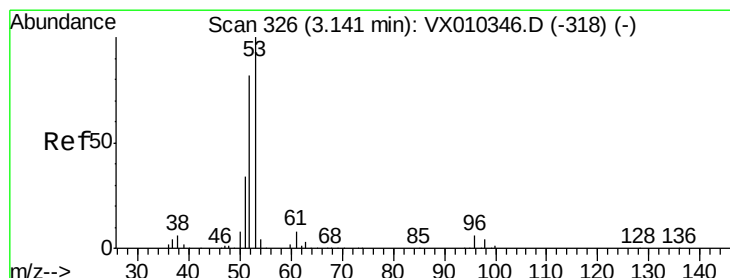
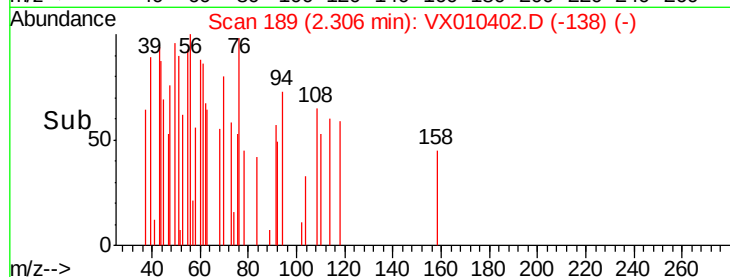
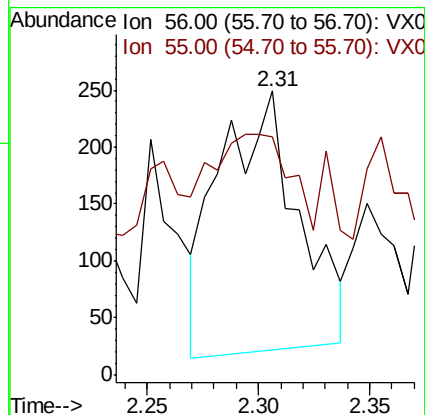
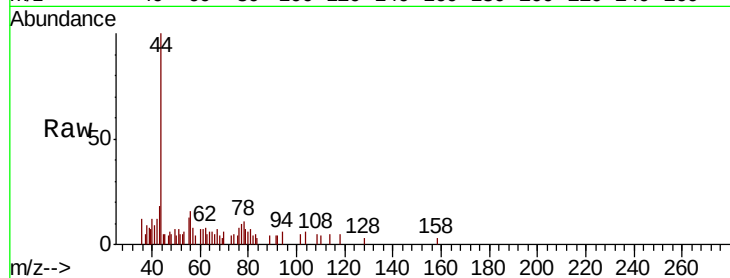
VX0624WBL01

Tot Ion: 56 Resp: 563

Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



#15

Acrylonitrile

Concen: 0.204 ug/l

RT: 3.12 min Scan# 323

Delta R.T. -0.02 min

Lab File: VX010402.D

Acq: 24 Jun 2019 10:46

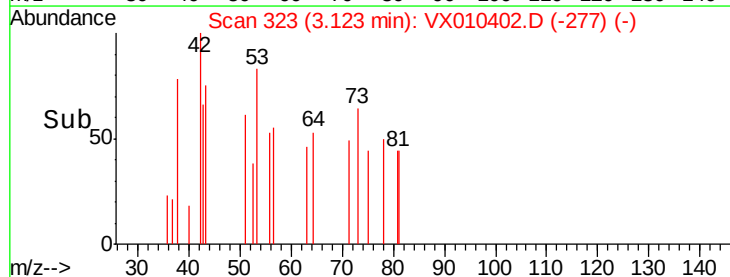
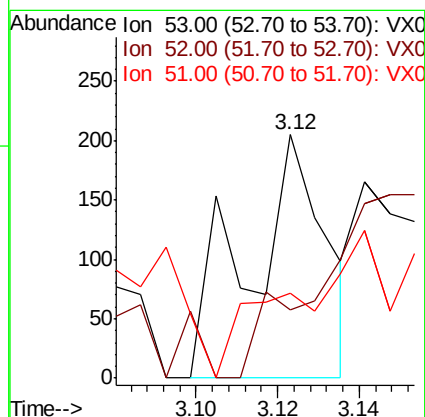
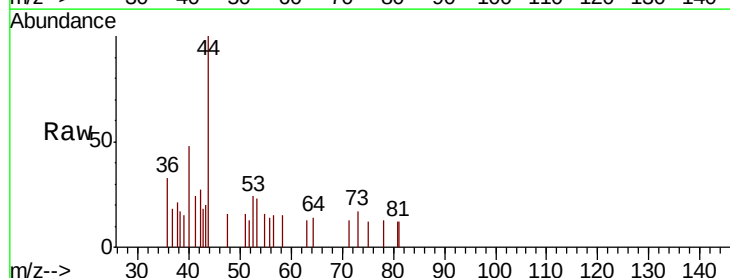
Tgt Ion: 53 Resp: 270

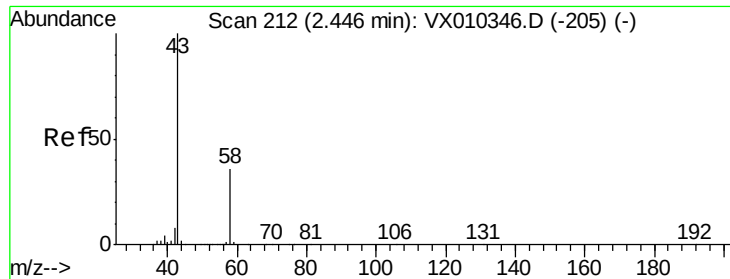
Ion Ratio Lower Upper

53 100

52 0.0 65.5 98.3#

51 85.6 28.2 42.4#





#16

Acetone

Concen: 0.840 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010402.D

Acq: 24 Jun 2019 10:46

Instrument :

MSVOA_X

ClientSampled :

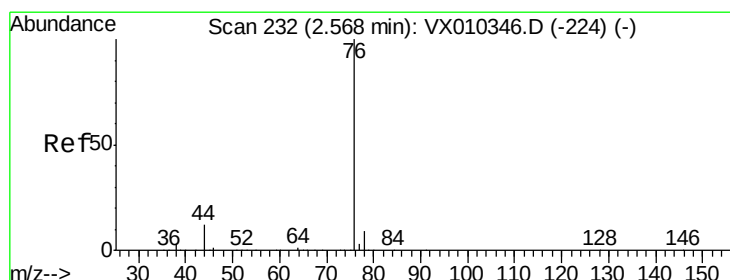
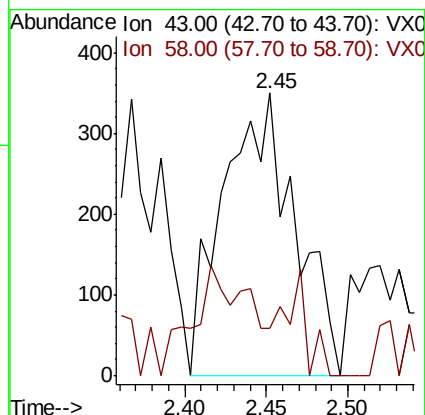
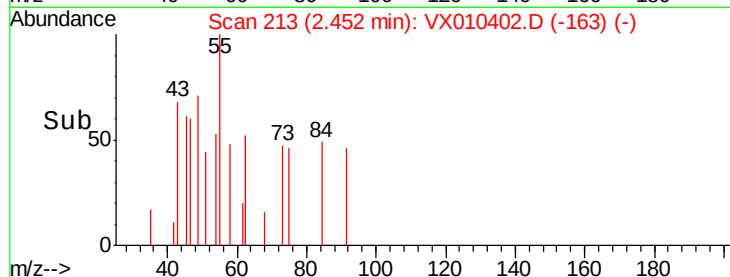
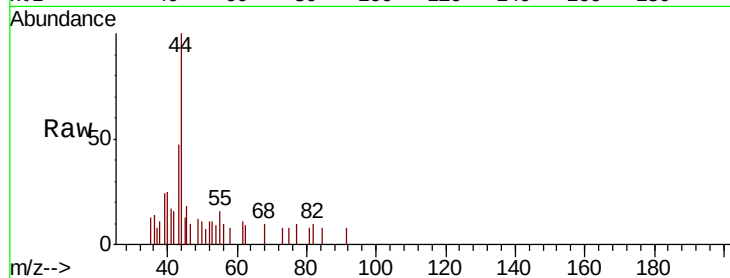
VX0624WBL01

Tot Ion: 43 Resp: 1075

Ion Ratio Lower Upper

43 100

58 16.9 28.9 43.3#



#17

Carbon Disulfide

Concen: 0.258 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010402.D

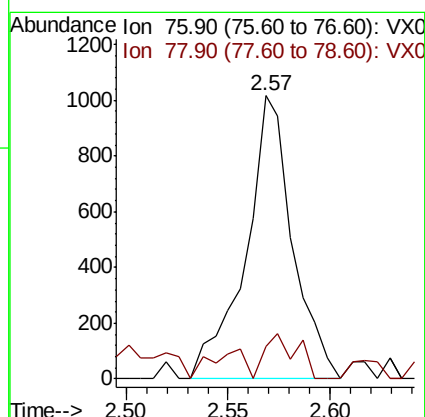
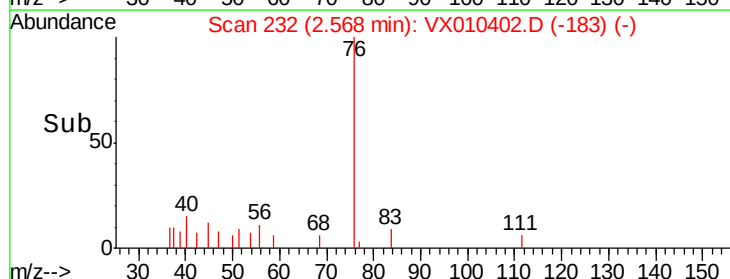
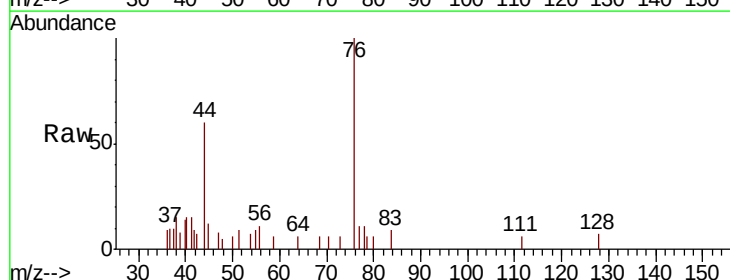
Acq: 24 Jun 2019 10:46

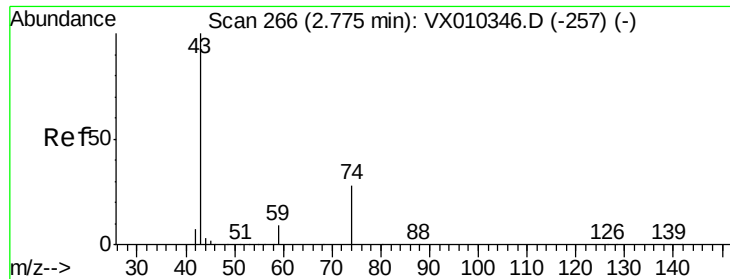
Tgt Ion: 76 Resp: 1634

Ion Ratio Lower Upper

76 100

78 17.3 7.3 10.9#

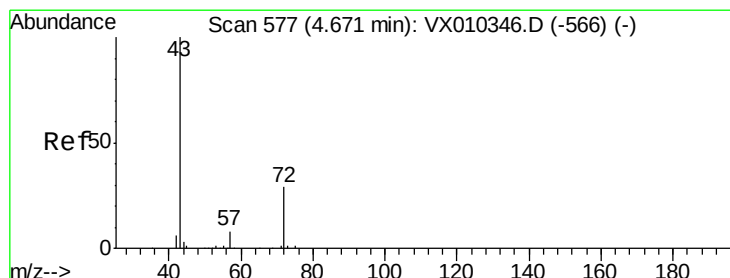
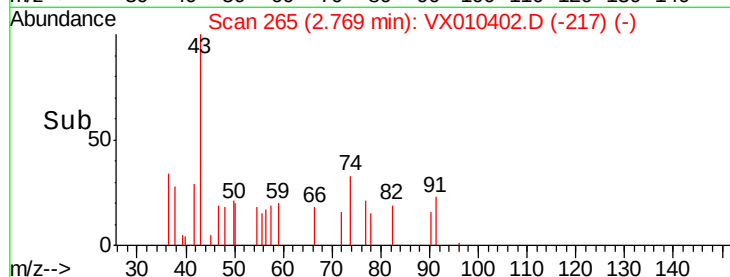
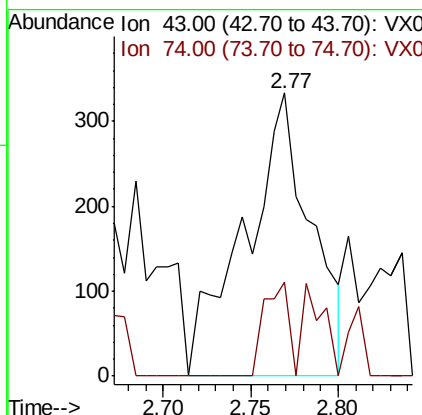
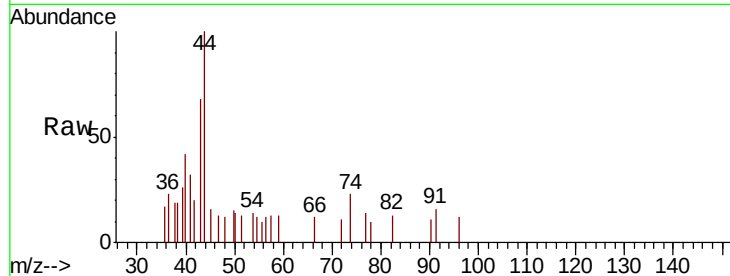




#18
Methvl Acetate
Concen: 0.343 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010402.D
Acq: 24 Jun 2019 10:46

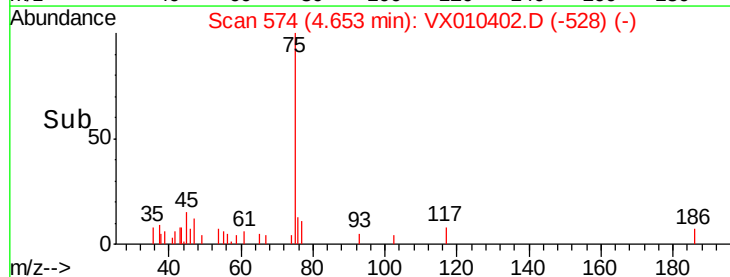
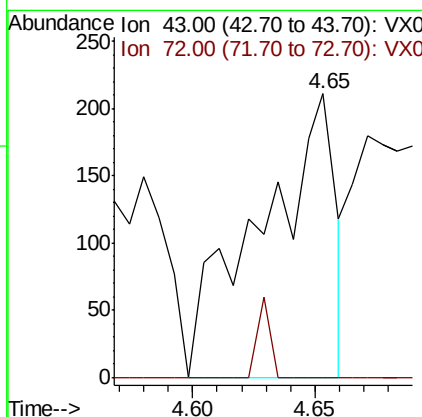
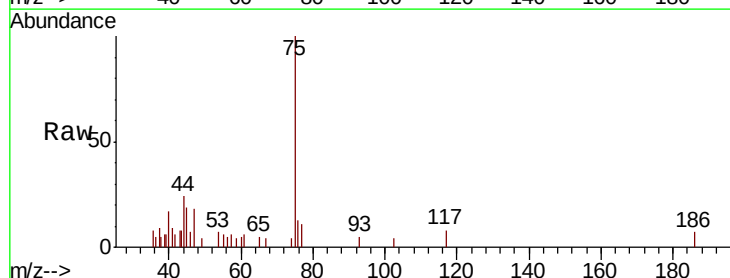
Instrument :
MSVOA_X
ClientSampleId :
VX0624WBL01

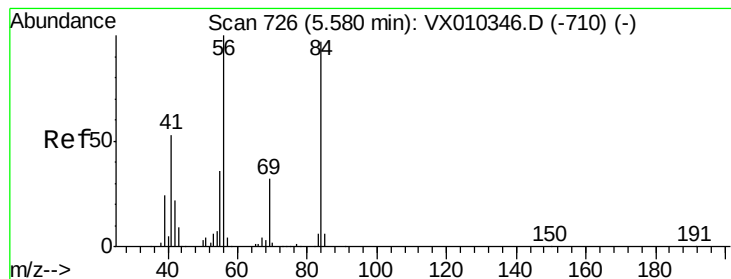
Tot Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
74 12.2 21.3 31.9#



#25
2-Butanone
Concen: 0.239 ug/l
RT: 4.65 min Scan# 574
Delta R.T. -0.02 min
Lab File: VX010402.D
Acq: 24 Jun 2019 10:46

Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
72 0.0 23.3 34.9#





#31

Cyclohexane

Concen: 1.337 ug/l

RT: 5.65 min Scan# 737

Delta R.T. 0.07 min

Lab File: VX010402.D

Acq: 24 Jun 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBL01

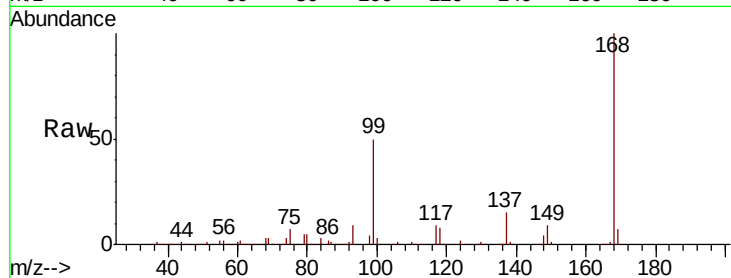
Tot Ion: 56 Resp: 4934

Ion Ratio Lower Upper

56 100

69 155.3 25.9 38.9#

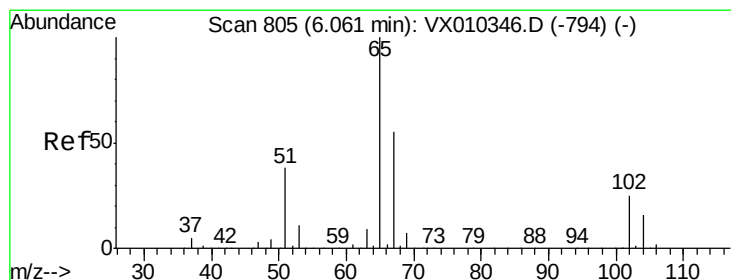
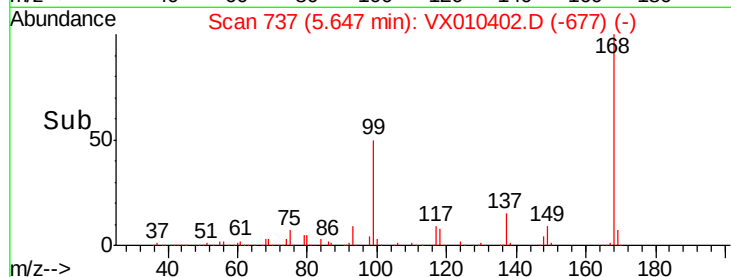
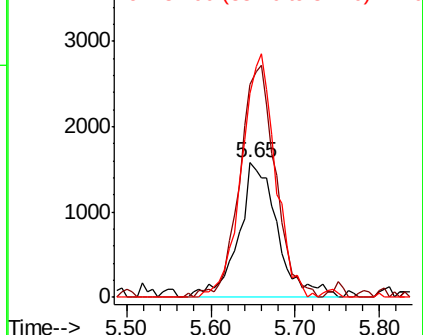
84 151.6 78.0 117.0#



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: 52.576 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX010402.D

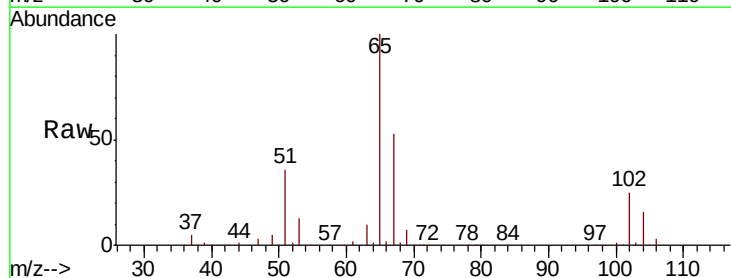
Acq: 24 Jun 2019 10:46

Tgt Ion: 65 Resp: 134294

Ion Ratio Lower Upper

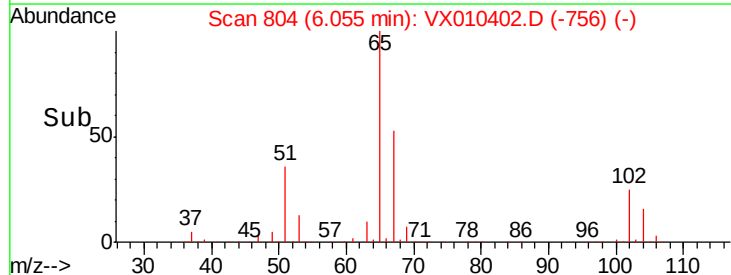
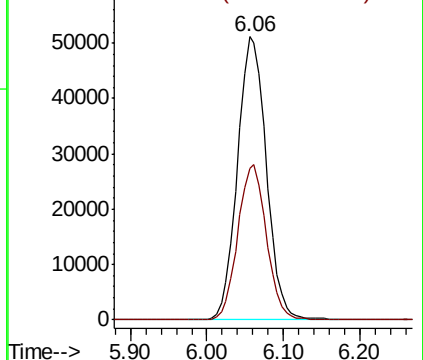
65 100

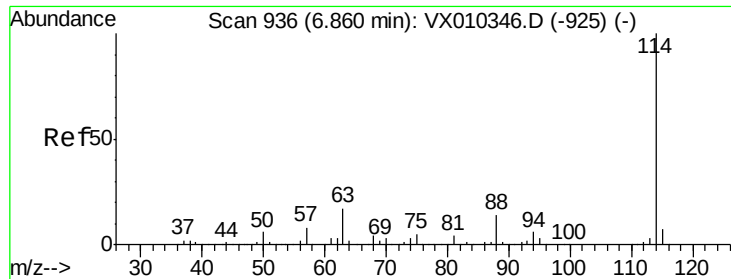
67 54.5 0.0 110.2



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX010402.D

Acq: 24 Jun 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBL01

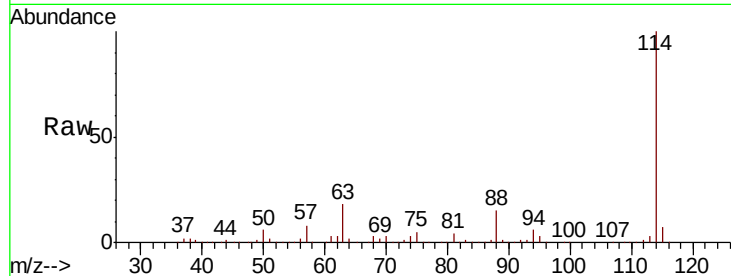
Tot Ion:114 Resp: 412924

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.8

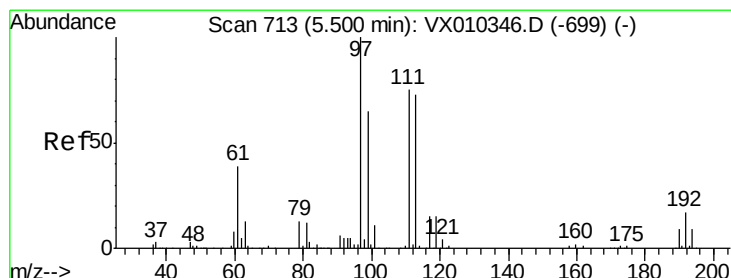
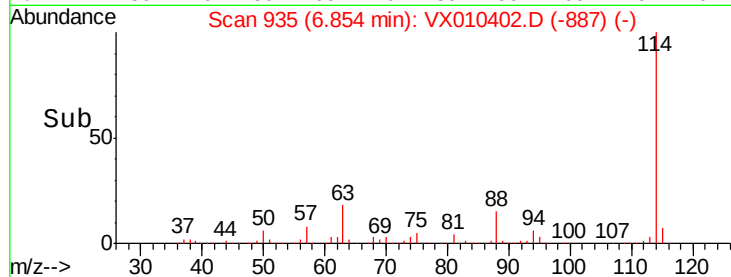
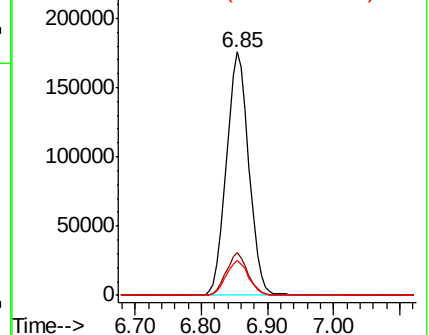
88 14.5 0.0 27.6



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: 53.403 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010402.D

Acq: 24 Jun 2019 10:46

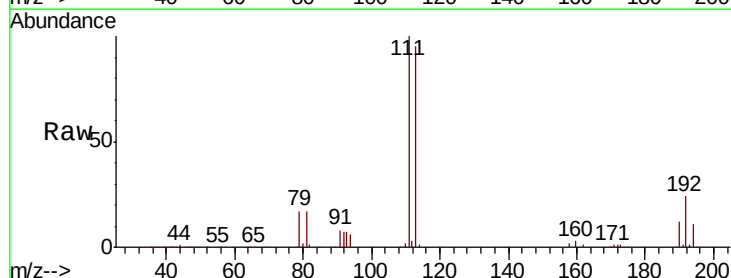
Tgt Ion:113 Resp: 134918

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

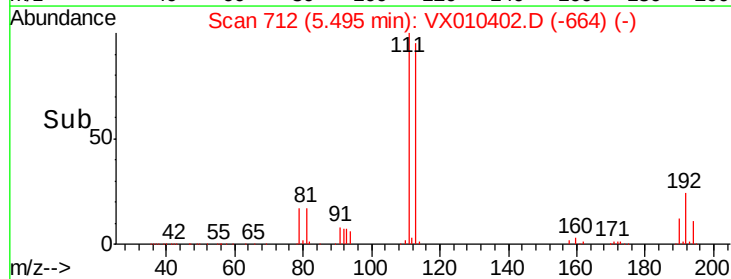
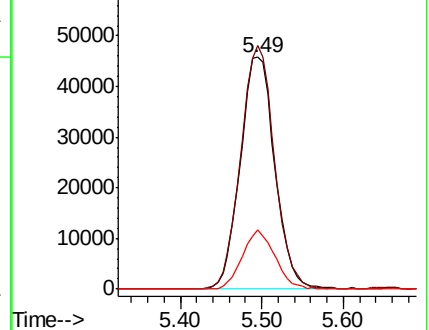
192 24.0 18.6 27.8

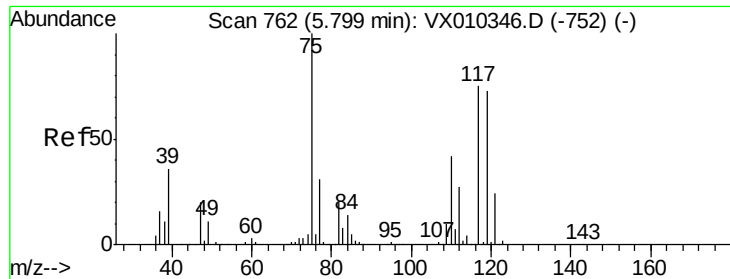


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

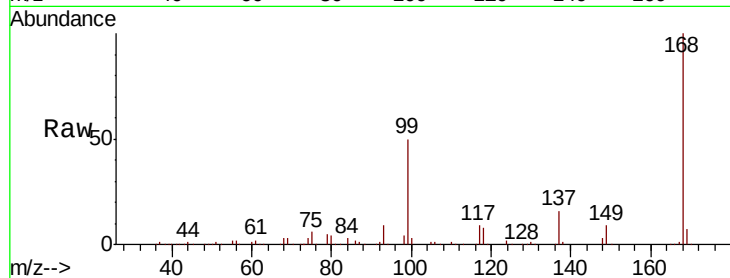




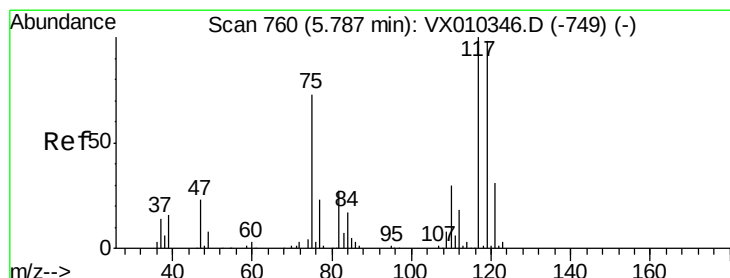
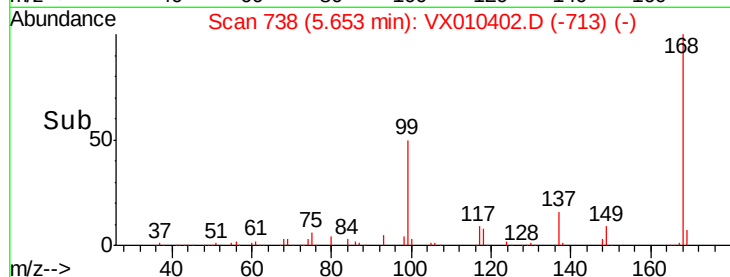
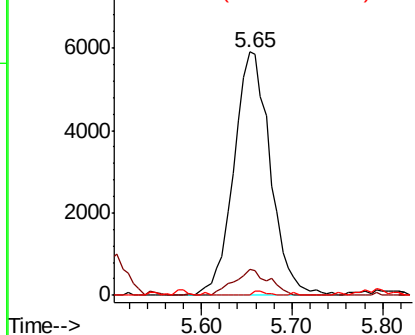
#36
 1,1-Dichloropropene
 Concen: 5.044 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.15 min
 Lab File: VX010402.D
 Acq: 24 Jun 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBL01

Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.8	62.2#
77	0.7	25.4	38.0#

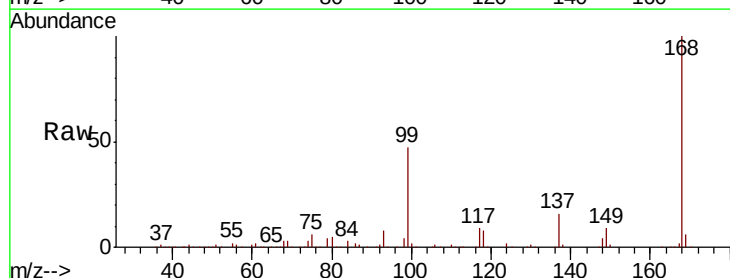


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

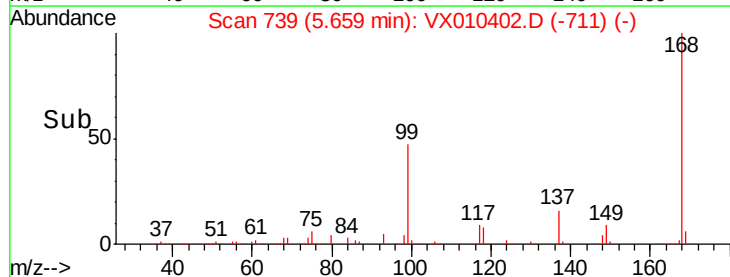
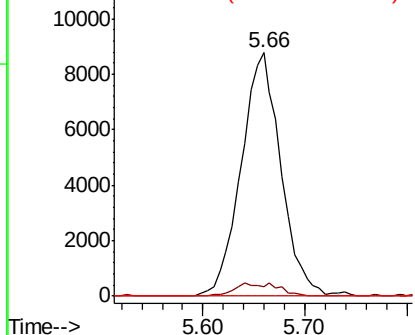


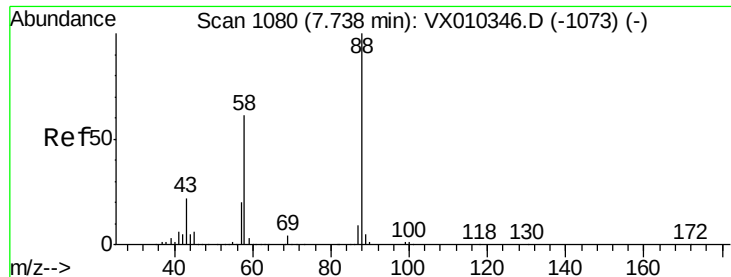
#38
 Carbon Tetrachloride
 Concen: 6.696 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX010402.D
 Acq: 24 Jun 2019 10:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.0	78.2	117.4#
121	0.0	24.7	37.1#



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

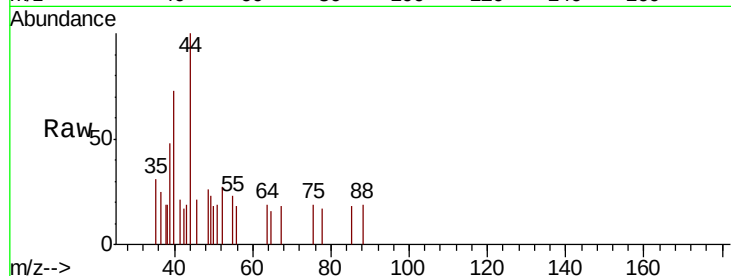




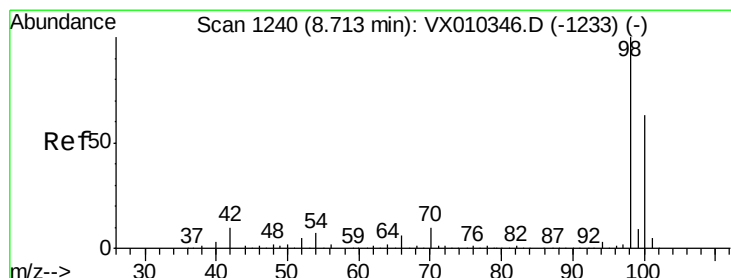
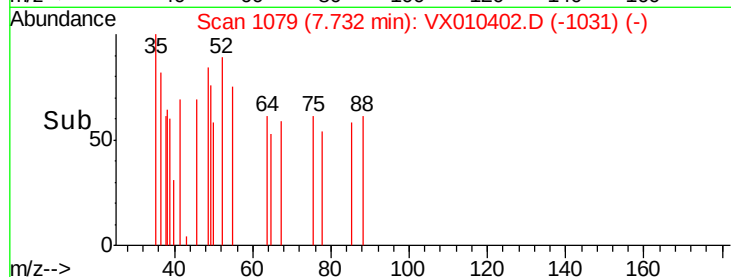
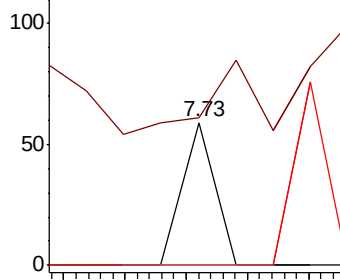
#49
1,4-Dioxane
Concen: 0.294 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VX010402.D
Acq: 24 Jun 2019 10:46

Instrument :
MSVOA_X
ClientSampled :
VX0624WBL01

Tot Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 0.0 20.2 30.2#
58 127.3 49.5 74.3#

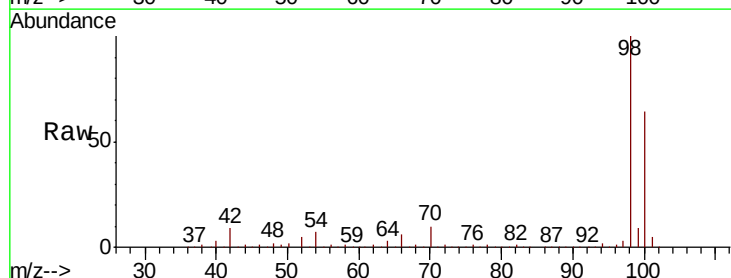


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

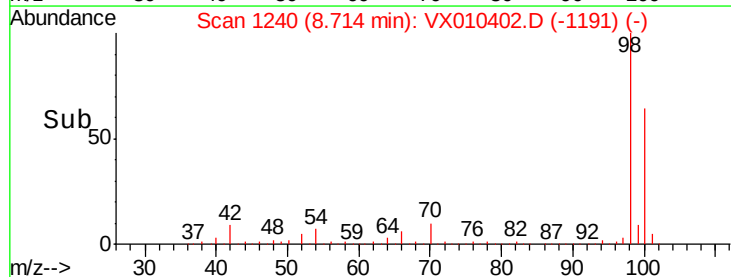
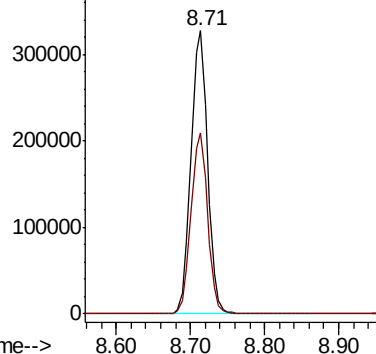


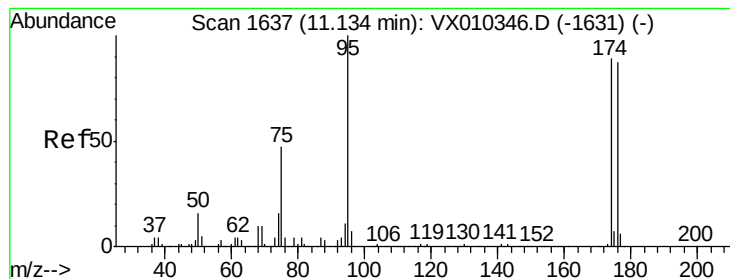
#50
Toluene-d8
Concen: 52.341 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010402.D
Acq: 24 Jun 2019 10:46

Tgt Ion: 98 Resp: 505906
Ion Ratio Lower Upper
98 100
100 64.0 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: 47.592 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010402.D

Acq: 24 Jun 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBL01

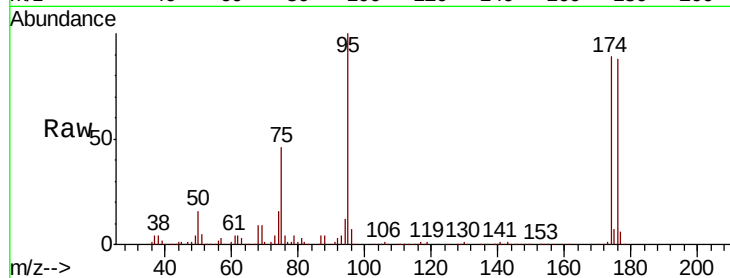
Tot Ion: 95 Resp: 166075

Ion Ratio Lower Upper

95 100

174 93.6 0.0 187.6

176 90.9 0.0 184.0

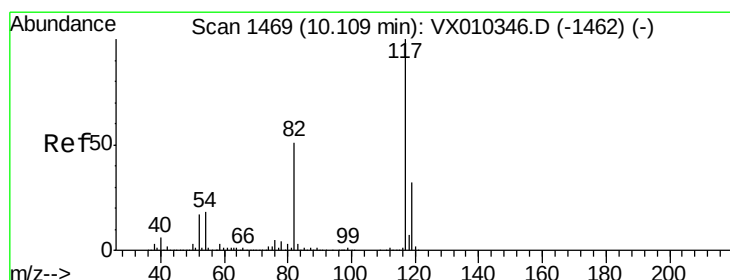
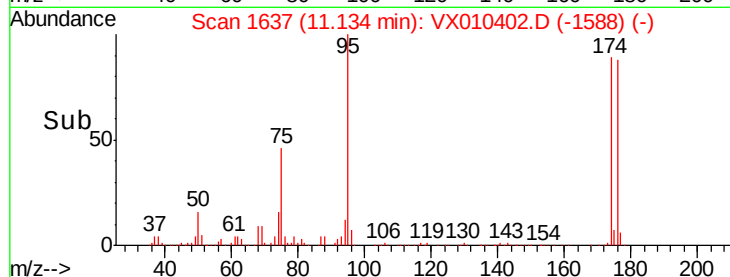


Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010402.D

Acq: 24 Jun 2019 10:46

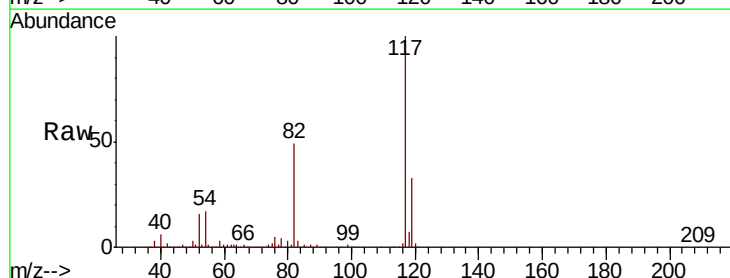
Tgt Ion: 117 Resp: 359231

Ion Ratio Lower Upper

117 100

82 48.8 41.2 61.8

119 33.1 25.5 38.3

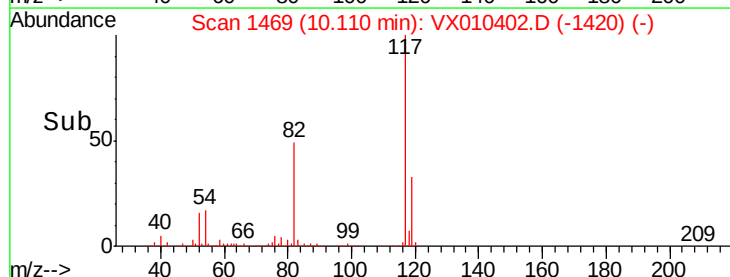


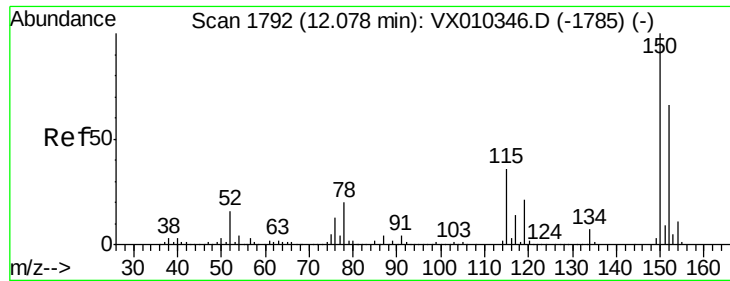
Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

Time-->



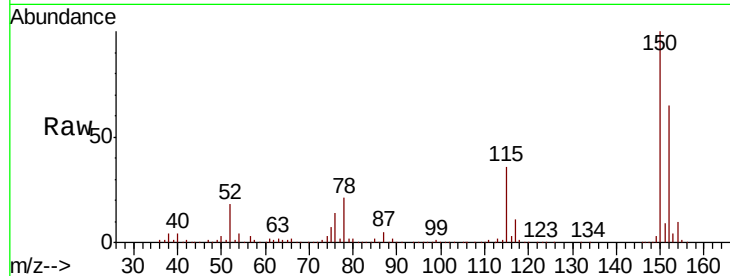


#72

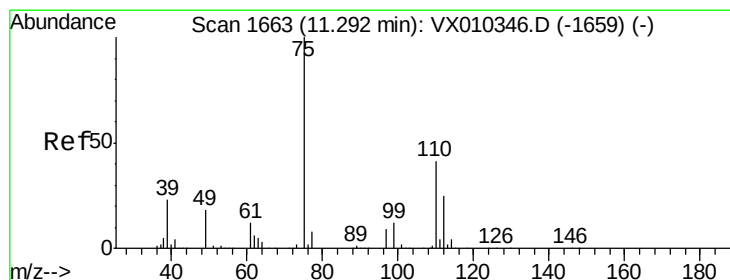
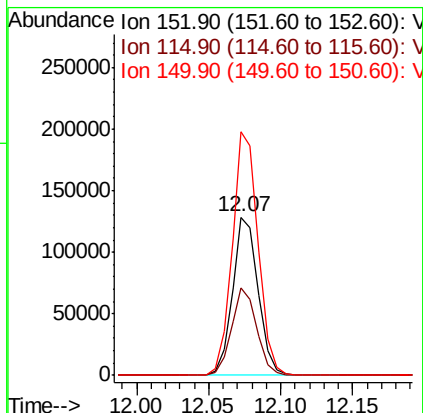
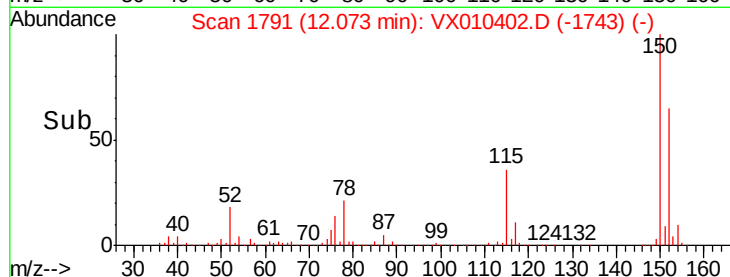
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX010402.D
Acq: 24 Jun 2019 10:46

Instrument :
MSVOA_X
ClientSampled :
VX0624WBL01

Tot Ion:152 Resp: 159389
Ion Ratio Lower Upper
152 100
115 54.7 38.6 115.7
150 155.3 0.0 347.4



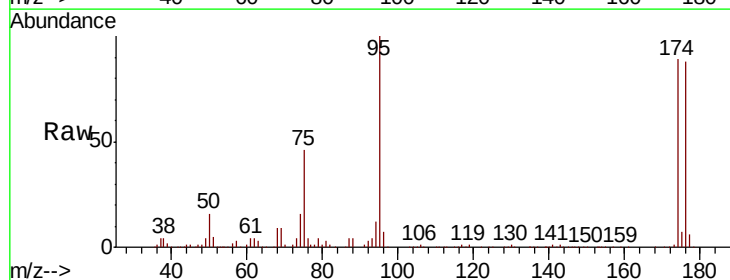
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



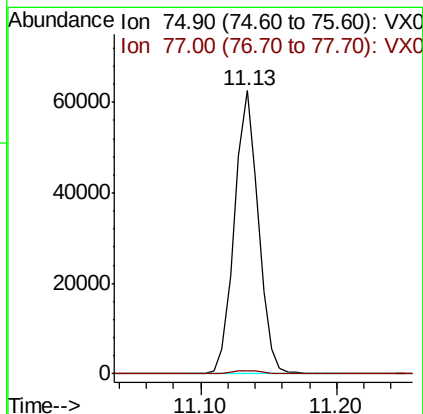
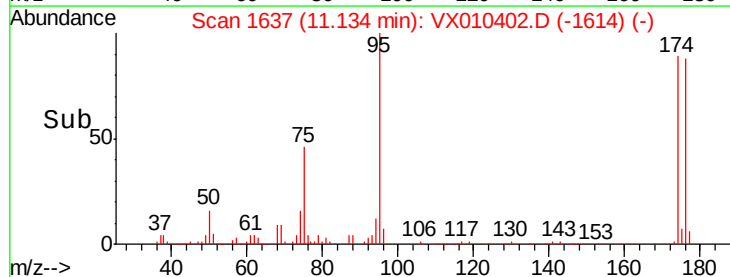
#76

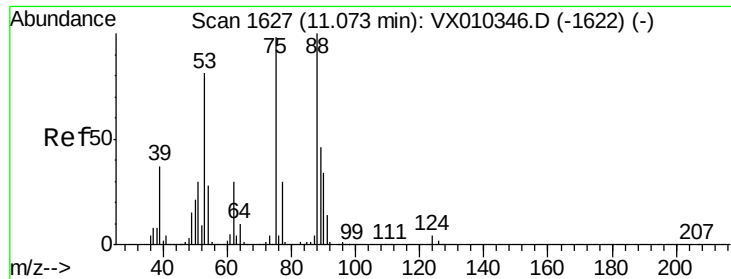
1,2,3-Trichloropropane
Concen: 26.270 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010402.D
Acq: 24 Jun 2019 10:46

Tgt Ion: 75 Resp: 76301
Ion Ratio Lower Upper
75 100
77 1.5 22.6 67.8#



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: 61.285 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX010402.D

Acq: 24 Jun 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VX0624WBL01

Tot Ion: 75 Resp: 76301

Ion Ratio Lower Upper

75 100

53 0.1 66.1 99.1#

89 0.1 37.8 56.6#

