

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004869.D
 Acq On : 01 Oct 2018 14:34
 Operator : JC/MD
 Sample : J5135-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW501-2125

Quant Time: Oct 02 02:39:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	218578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	355753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187041	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	170735	54.68	ug/l	0.00
Spiked Amount			Recovery	=	109.36%	
35) Dibromofluoromethane	5.50	113	144379	47.89	ug/l	0.00
Spiked Amount			Recovery	=	95.78%	
50) Toluene-d8	8.72	98	520651	51.94	ug/l	0.00
Spiked Amount			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	11.14	95	181706	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	

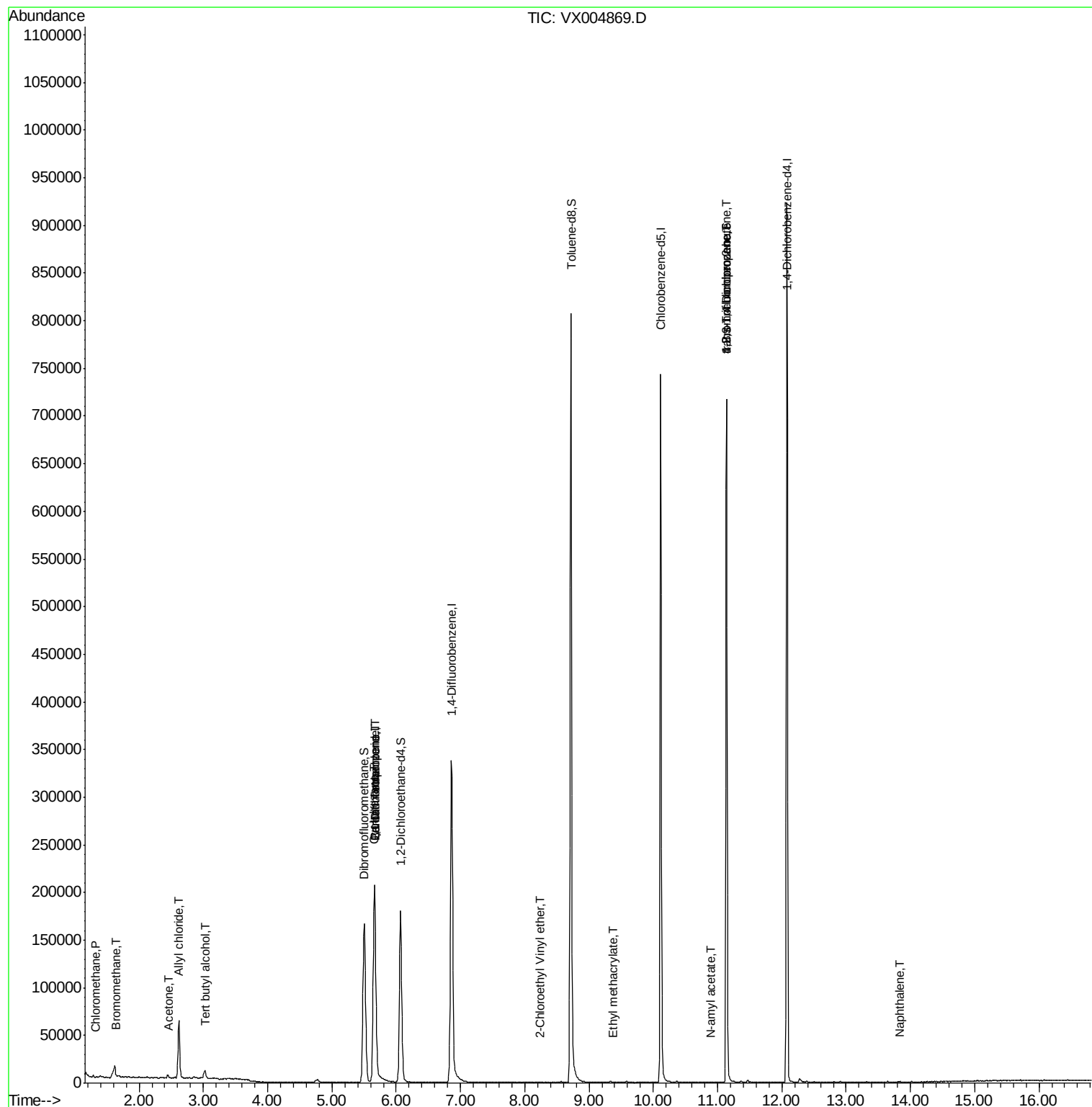
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	944	0.261	ug/l #	85
5) Bromomethane	1.64	94	707	0.352	ug/l	99
6) Chloroethane	1.75	64	588	Below Cal	#	59
11) Tert butyl alcohol	3.02	59	5364	6.144	ug/l #	75
14) Allyl chloride	2.62	41	6054	1.172	ug/l #	61
16) Acetone	2.45	43	3964	2.175	ug/l	92
20) Methylene Chloride	2.86	84	625	Below Cal		92
31) Cyclohexane	5.65	56	3775	0.950	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	15274	3.713	ug/l #	50
38) Carbon Tetrachloride	5.66	117	19657	4.546	ug/l #	17
56) Ethyl methacrylate	9.37	69	19	2.866	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.24	63	69	14.266	ug/l #	45
74) N-amyl acetate	10.89	43	68	1.758	ug/l #	40
76) 1,2,3-Trichloropropane	11.14	75	90463	21.579	ug/l #	37
80) 1,3,5-Trimethylbenzene	11.51	105	162	Below Cal	#	27
81) trans-1,4-Dichloro-2-buten	11.14	75	90463	58.501	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.81	105	262	Below Cal		81
95) Naphthalene	13.83	128	368	0.743	ug/l #	81

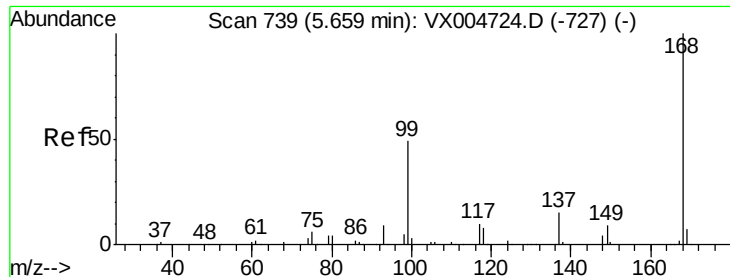
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100118\
Data File : VX004869.D
Acq On : 01 Oct 2018 14:34
Operator : JC/MD
Sample : J5135-08
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-TW501-2125

Quant Time: Oct 02 02:39:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

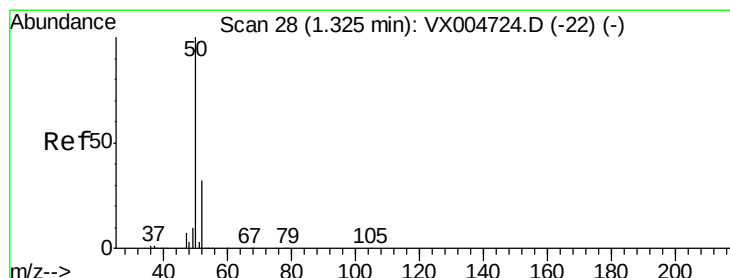
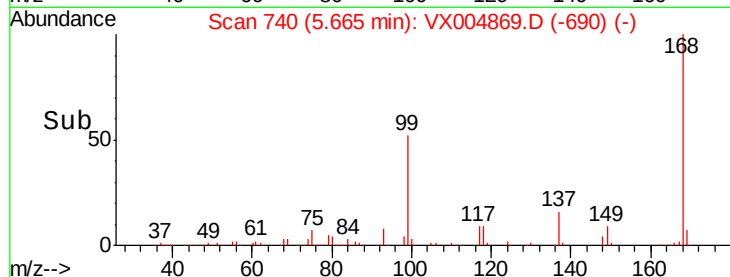
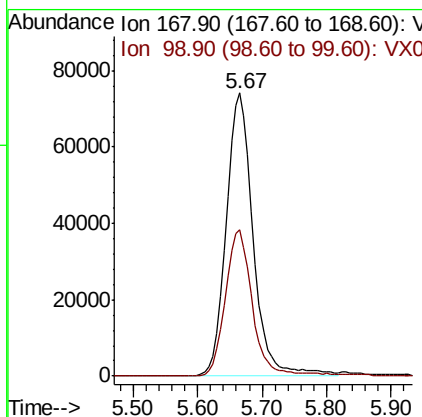
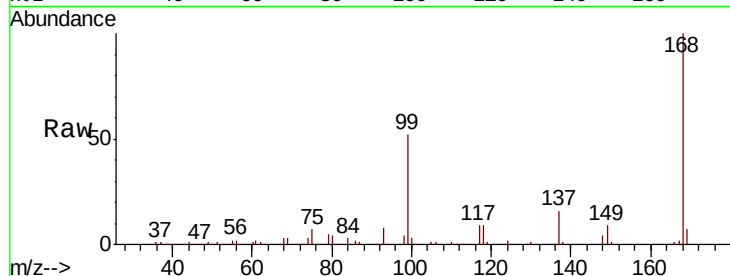




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004869.D
Acq: 01 Oct 2018 14:34

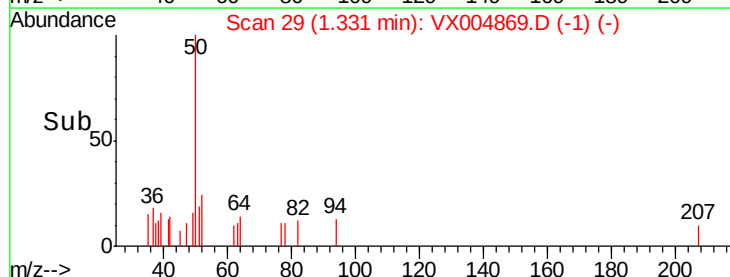
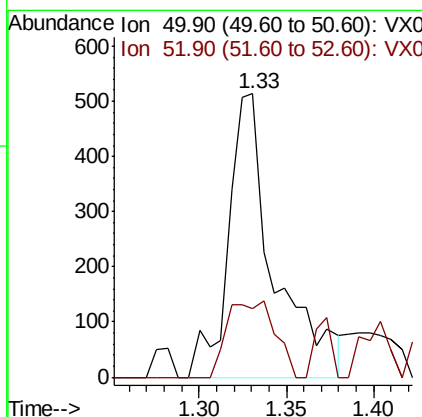
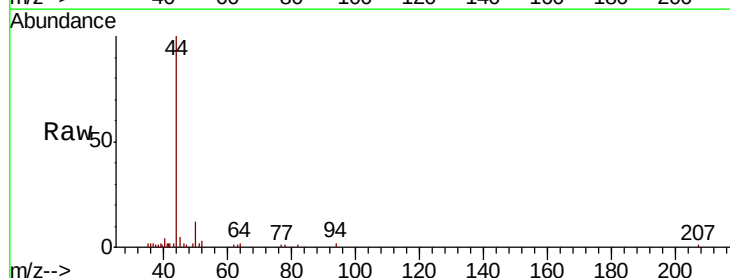
Instrument :
MSVOA_X
ClientSampleId :
SA-TW501-2125

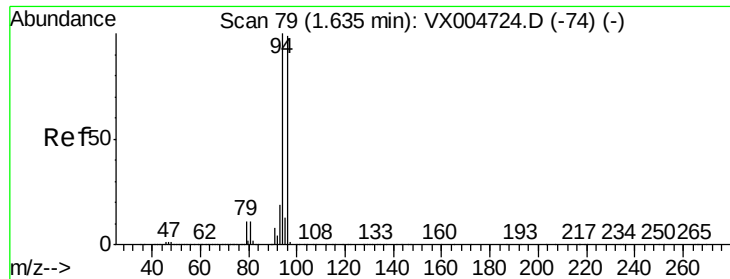
Tot Ion:168 Resp: 218578
Ion Ratio Lower Upper
168 100
99 51.7 39.9 59.9



#3
Chloromethane
Concen: 0.261 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX004869.D
Acq: 01 Oct 2018 14:34

Tgt Ion: 50 Resp: 944
Ion Ratio Lower Upper
50 100
52 24.2 26.2 39.2#





#5

Bromomethane

Concen: 0.352 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004869.D

Acq: 01 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

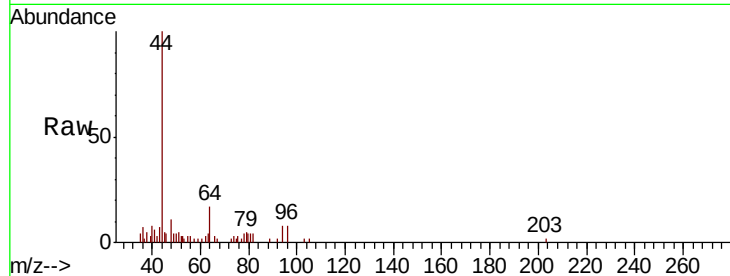
SA-TW501-2125

Tot Ion: 94 Resp: 707

Ion Ratio Lower Upper

94 100

96 94.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

300

250

200

150

100

50

0

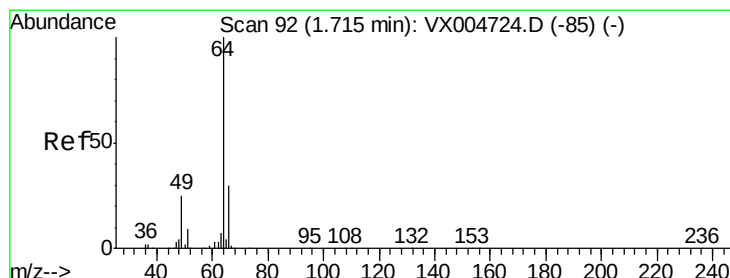
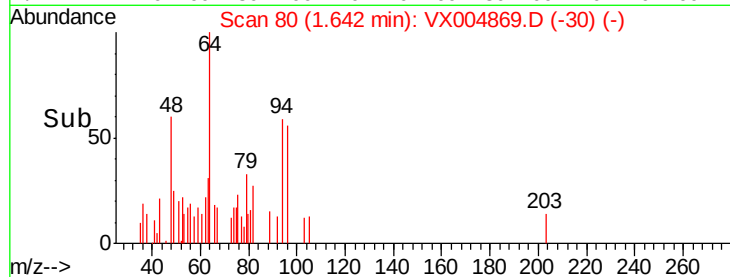
1.55

1.60

1.65

1.64

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 97

Delta R.T. 0.03 min

Lab File: VX004869.D

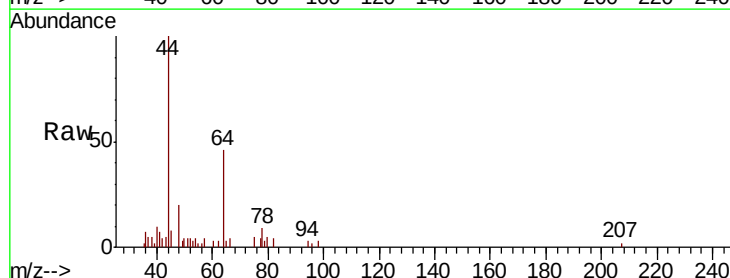
Acq: 01 Oct 2018 14:34

Tgt Ion: 64 Resp: 588

Ion Ratio Lower Upper

64 100

66 8.4 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1200

1000

800

600

400

200

0

1.70

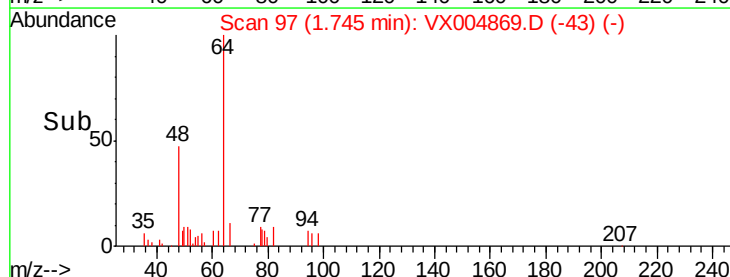
1.72

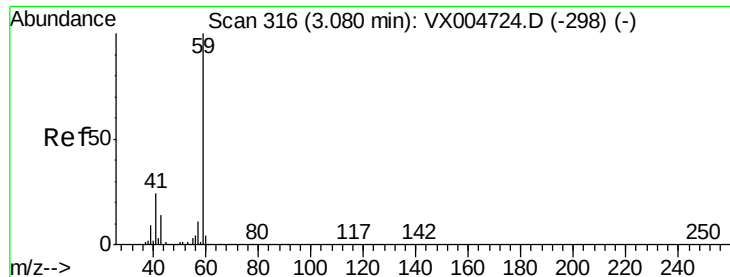
1.74

1.76

1.78

Time-->



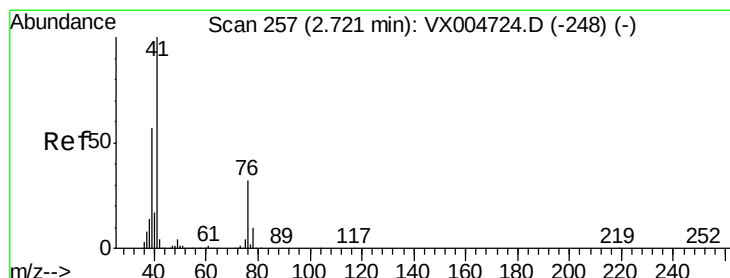
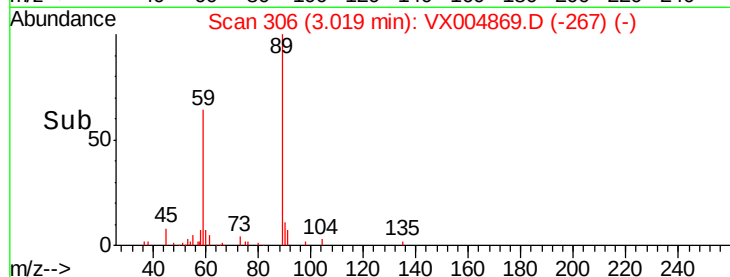
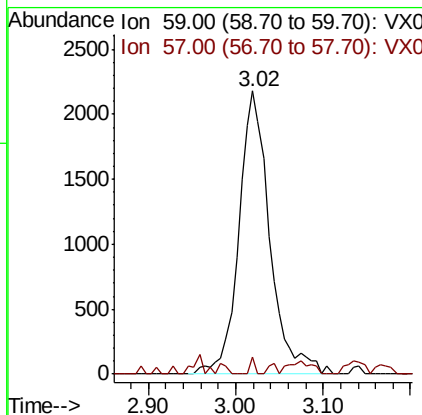
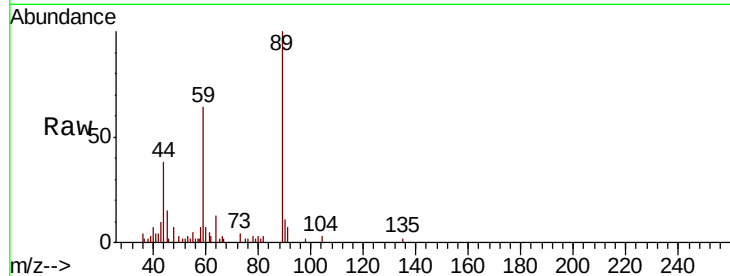


#11

Tert butyl alcohol
 Concen: 6.144 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.06 min
 Lab File: VX004869.D
 Acq: 01 Oct 2018 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW501-2125

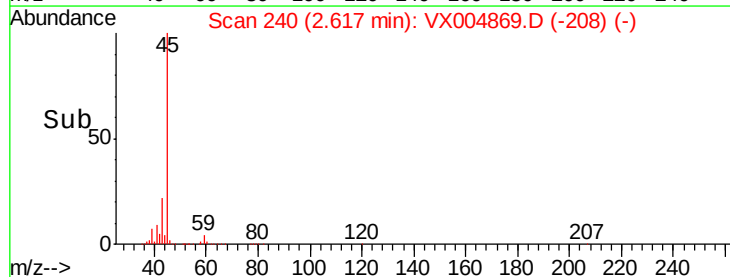
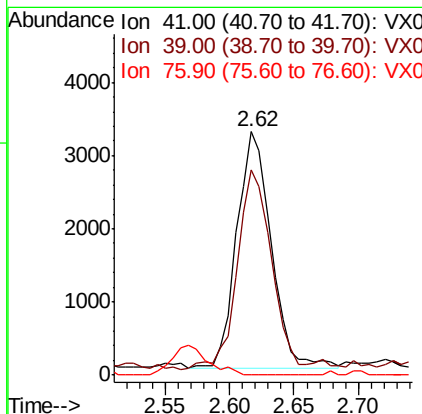
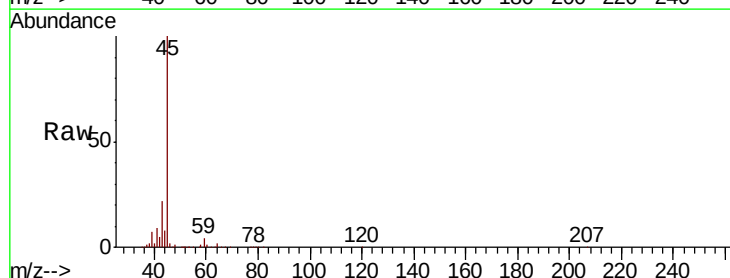
Tot Ion: 59 Resp: 5364
 Ion Ratio Lower Upper
 59 100
 57 0.9 8.2 12.4#

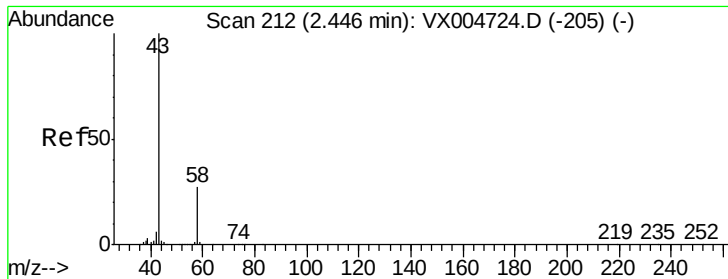


#14

Allyl chloride
 Concen: 1.172 ug/l
 RT: 2.62 min Scan# 240
 Delta R.T. -0.10 min
 Lab File: VX004869.D
 Acq: 01 Oct 2018 14:34

Tgt Ion: 41 Resp: 6054
 Ion Ratio Lower Upper
 41 100
 39 83.1 48.9 73.3#
 76 0.0 26.7 40.1#





#16

Acetone

Concen: 2.175 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004869.D

Acq: 01 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

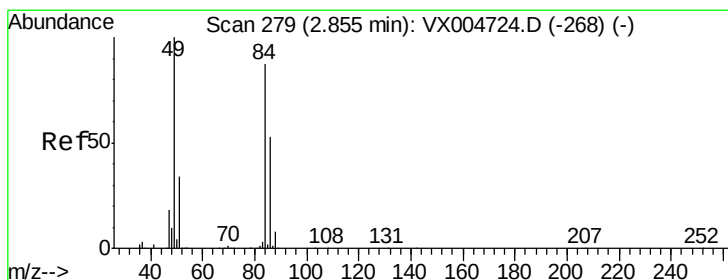
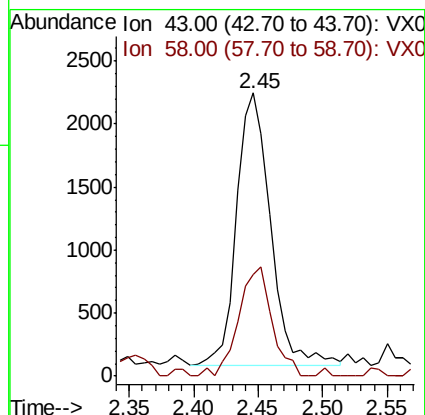
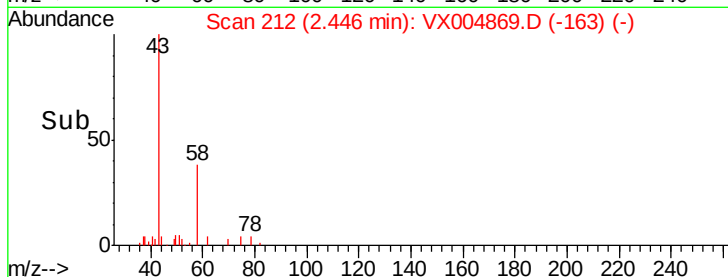
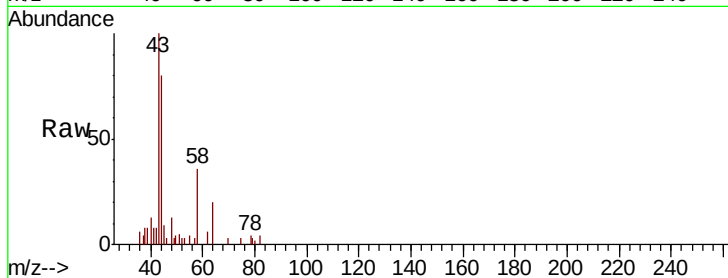
SA-TW501-2125

Tot Ion: 43 Resp: 3964

Ion Ratio Lower Upper

43 100

58 37.4 26.2 39.4



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004869.D

Acq: 01 Oct 2018 14:34

Tgt Ion: 84 Resp: 625

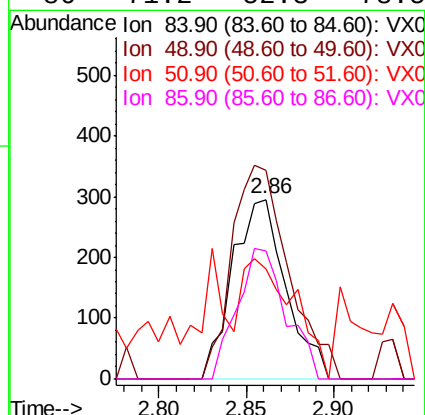
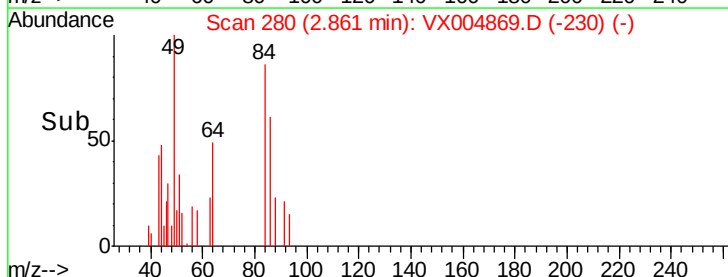
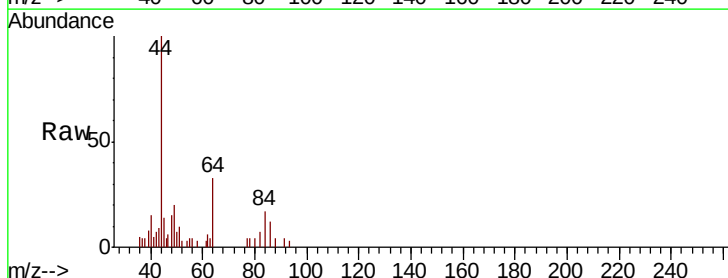
Ion Ratio Lower Upper

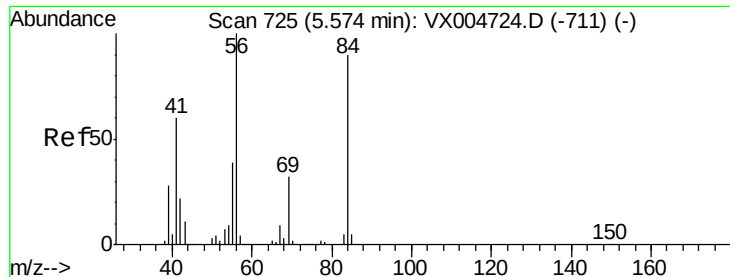
84 100

49 116.6 101.2 151.8

51 31.5 29.5 44.3

86 71.2 52.3 78.5

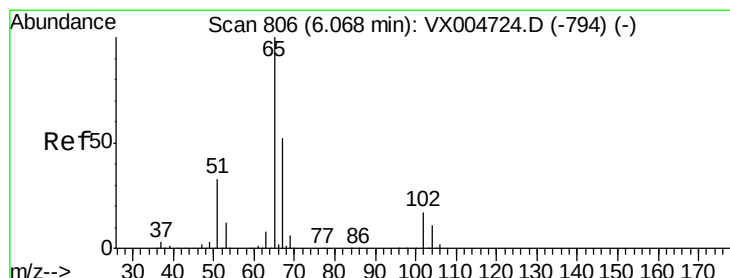
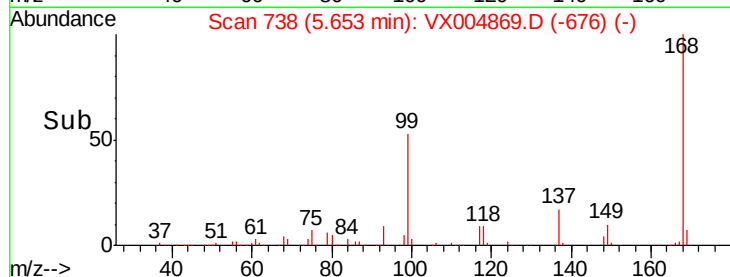
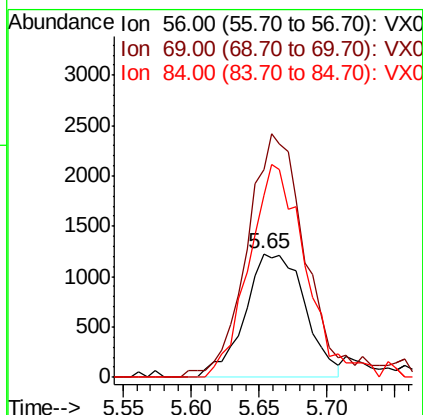
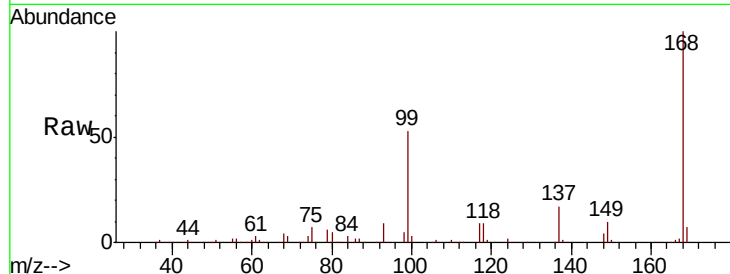




#31
Cyclohexane
Concen: 0.950 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.08 min
Lab File: VX004869.D
Acq: 01 Oct 2018 14:34

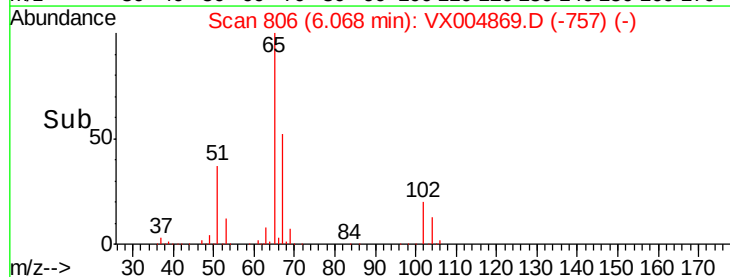
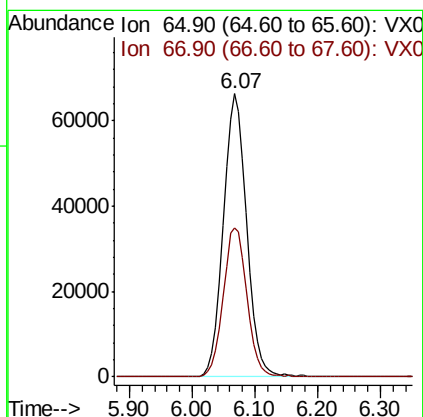
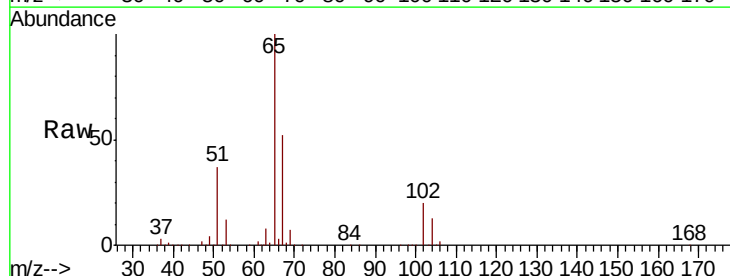
Instrument :
MSVOA_X
ClientSampleId :
SA-TW501-2125

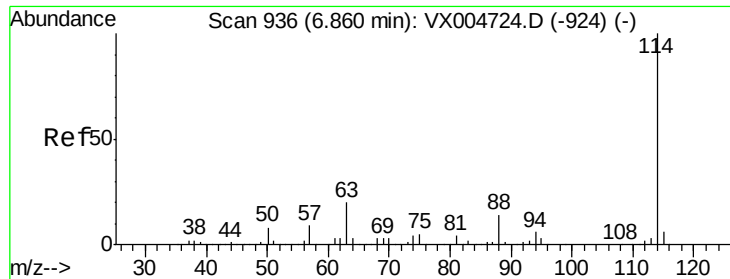
Tot Ion: 56 Resp: 3775
Ion Ratio Lower Upper
56 100
69 162.6 25.4 38.2#
84 147.3 71.4 107.2#



#33
1,2-Dichloroethane-d4
Concen: 54.681 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX004869.D
Acq: 01 Oct 2018 14:34

Tgt Ion: 65 Resp: 170735
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.8

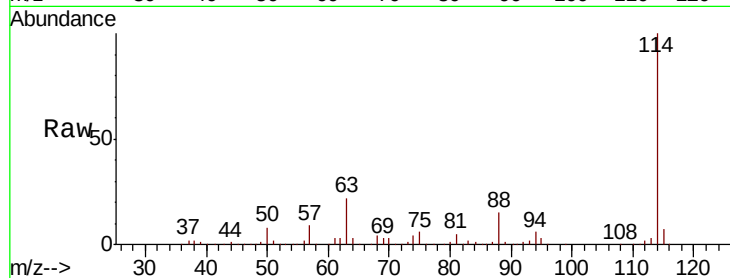




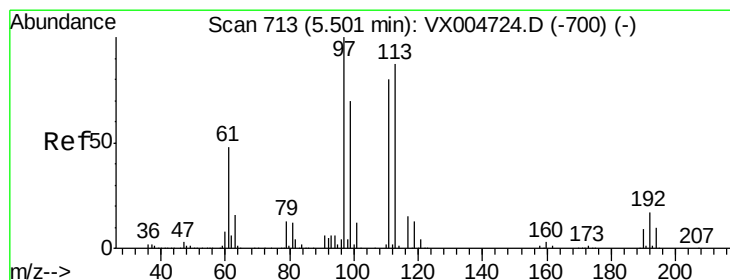
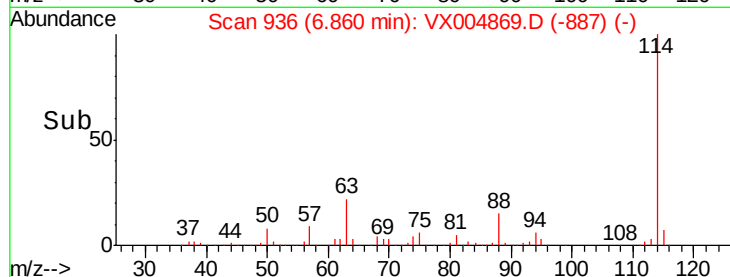
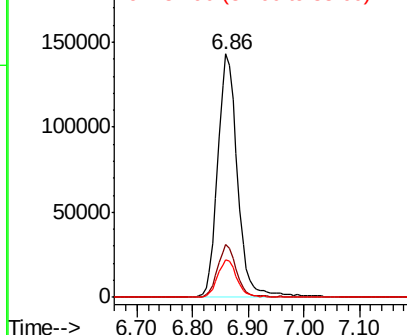
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004869.D
 Acq: 01 Oct 2018 14:34

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW501-2125

Tot Ion:114 Resp: 355753
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.0
 88 15.4 0.0 30.4

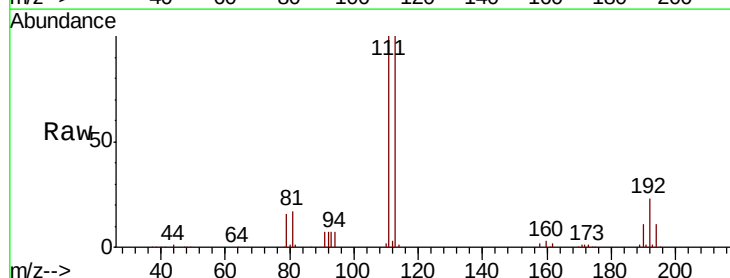


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

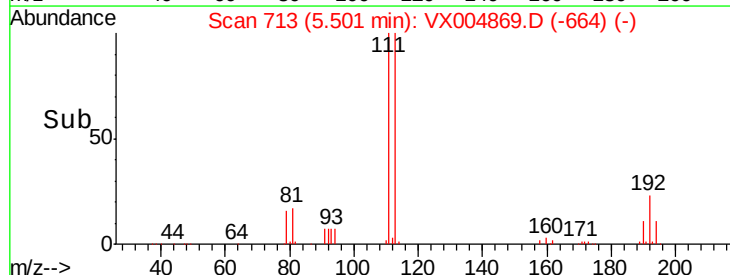
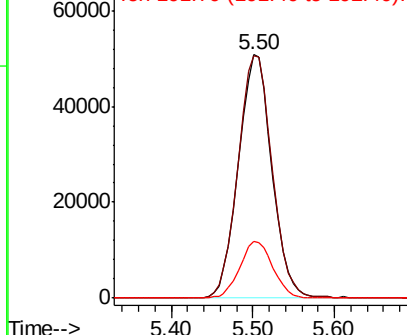


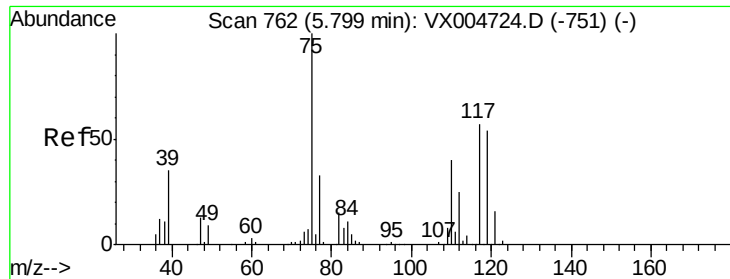
#35
 Dibromofluoromethane
 Concen: 47.886 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004869.D
 Acq: 01 Oct 2018 14:34

Tgt Ion:113 Resp: 144379
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.4 123.6
 192 23.2 19.4 29.2



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: 3.713 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX004869.D

Acq: 01 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

SA-TW501-2125

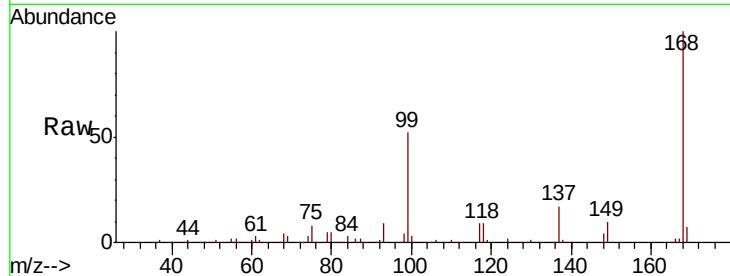
Tot Ion: 75 Resp: 15274

Ion Ratio Lower Upper

75 100

110 9.9 18.0 54.0#

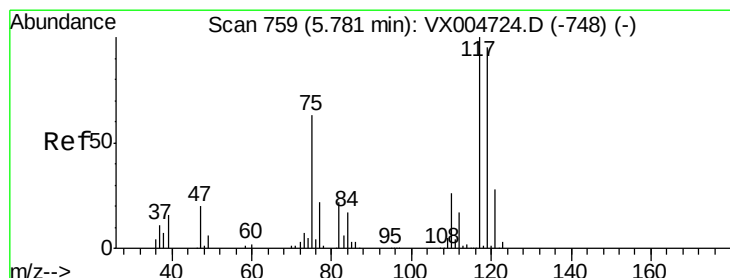
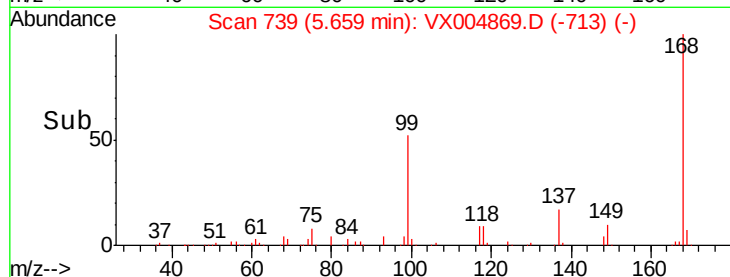
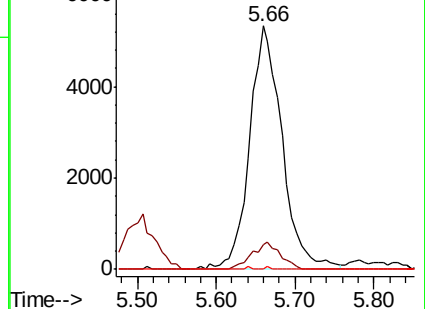
77 0.1 24.6 36.8#



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: 4.546 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004869.D

Acq: 01 Oct 2018 14:34

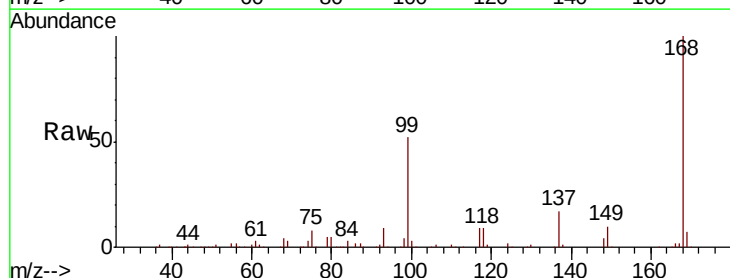
Tgt Ion: 117 Resp: 19657

Ion Ratio Lower Upper

117 100

119 7.9 78.8 118.2#

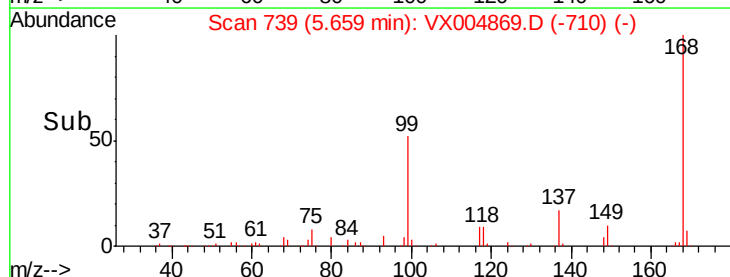
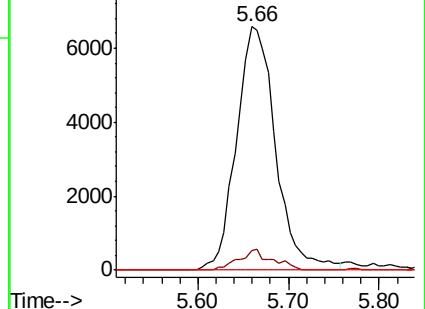
121 0.0 24.9 37.3#

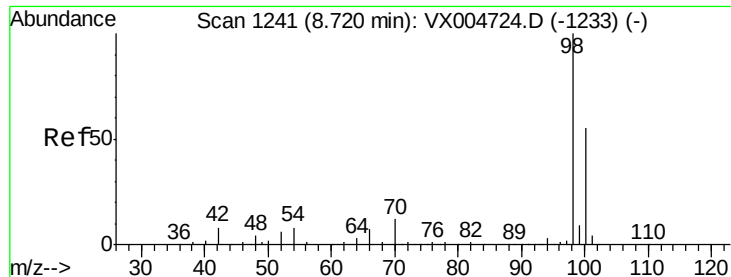


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 51.943 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004869.D

Acq: 01 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

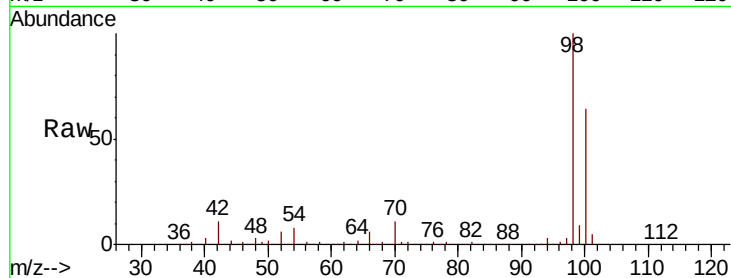
SA-TW501-2125

Tot Ion: 98 Resp: 520651

Ion Ratio Lower Upper

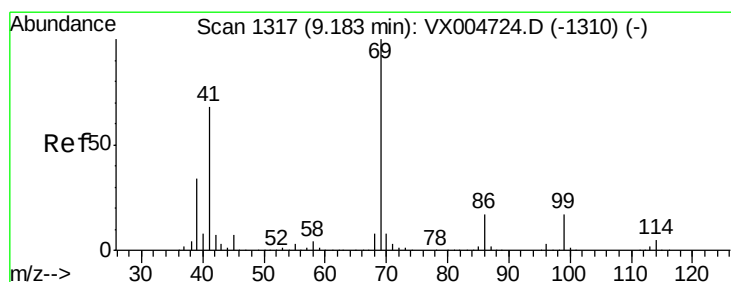
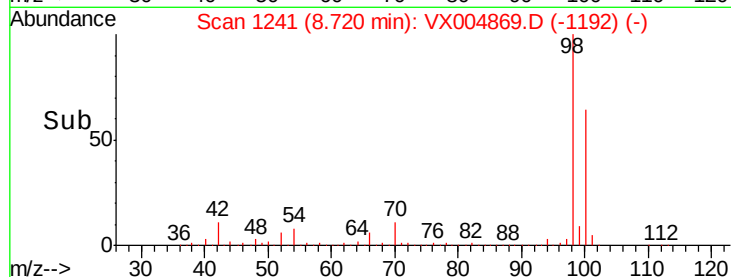
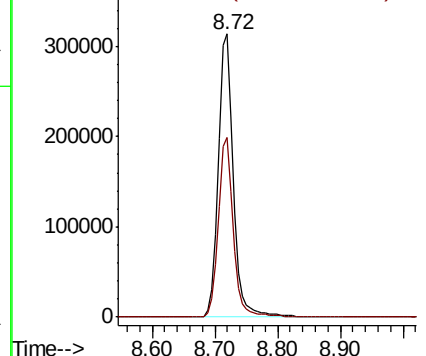
98 100

100 63.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#56

Ethyl methacrylate

Concen: 2.866 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.19 min

Lab File: VX004869.D

Acq: 01 Oct 2018 14:34

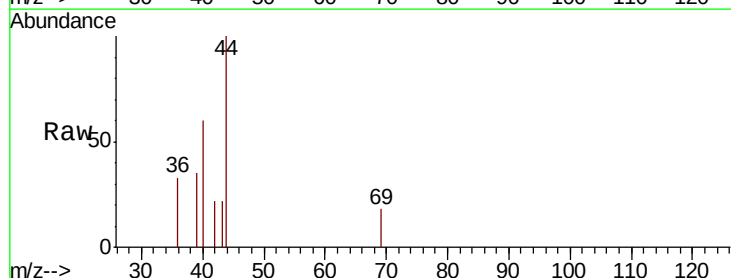
Tgt Ion: 69 Resp: 19

Ion Ratio Lower Upper

69 100

41 631.6 51.0 76.4#

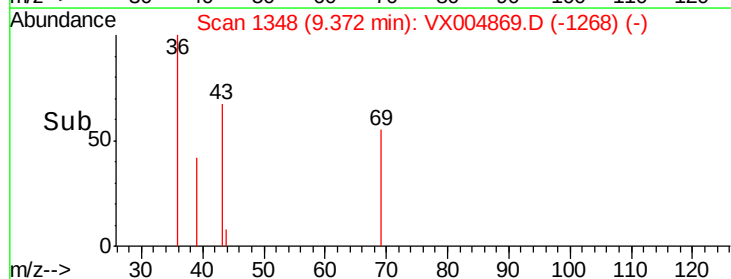
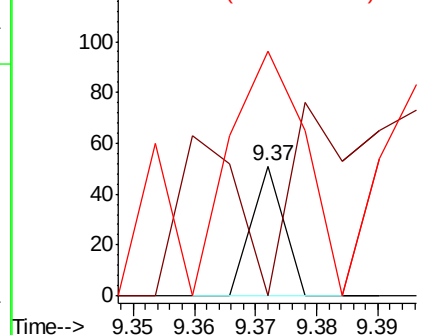
39 547.4 26.1 39.1#

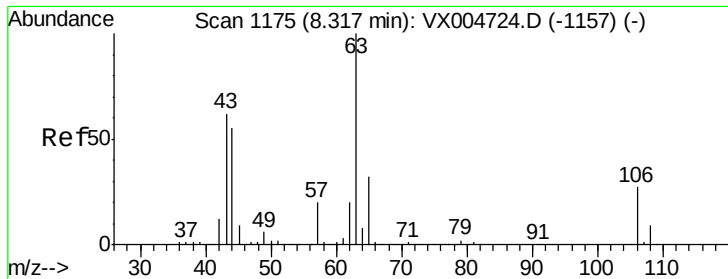


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

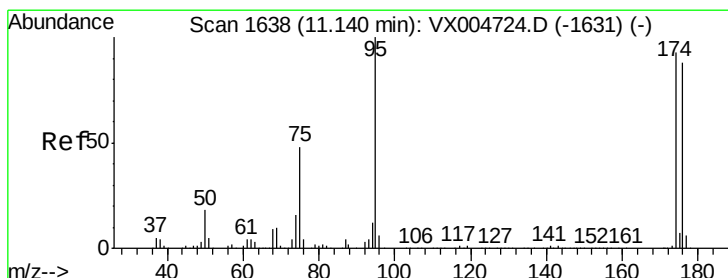
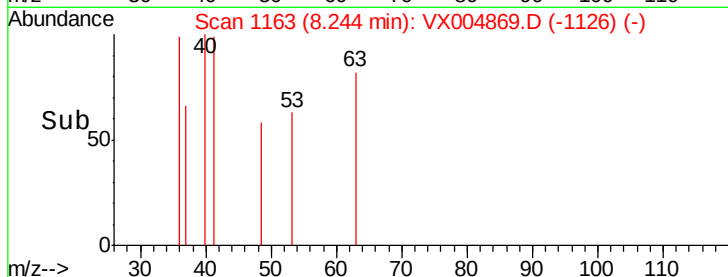
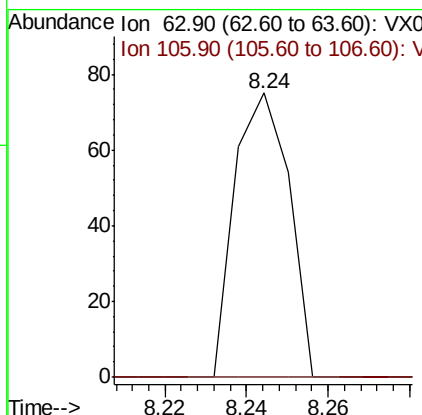
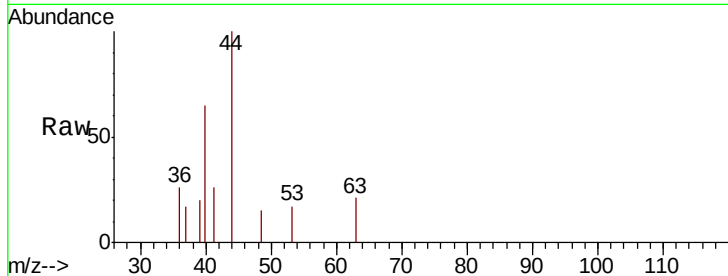




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.266 ug/l
 RT: 8.24 min Scan# 1163
 Delta R.T. -0.07 min
 Lab File: VX004869.D
 Acq: 01 Oct 2018 14:34

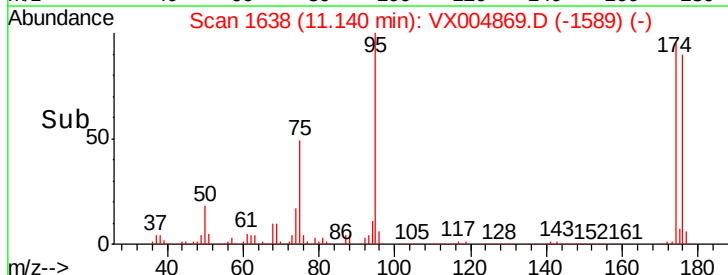
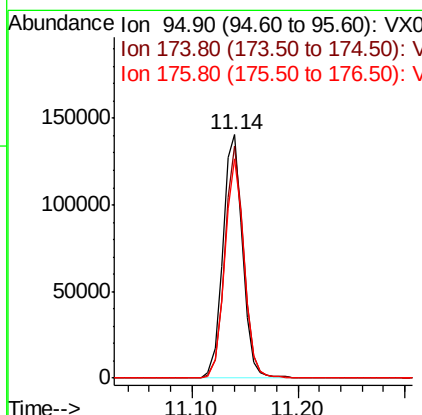
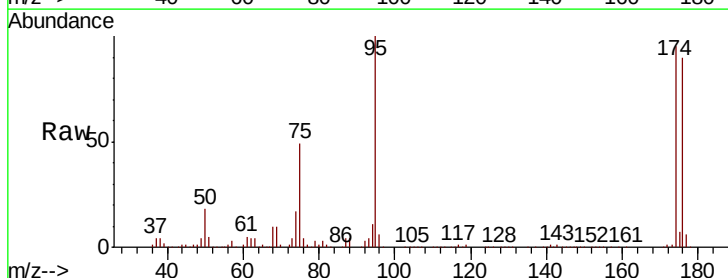
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW501-2125

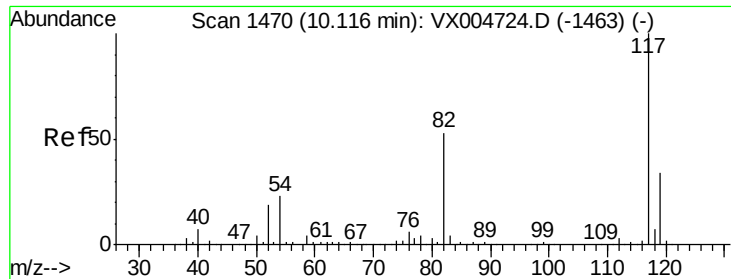
Tot Ion: 63 Resp: 69
 Ion Ratio Lower Upper
 63 100
 106 0.0 23.9 35.9#



#62
 4-Bromofluorobenzene
 Concen: 50.320 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004869.D
 Acq: 01 Oct 2018 14:34

Tgt Ion: 95 Resp: 181706
 Ion Ratio Lower Upper
 95 100
 174 92.6 0.0 185.2
 176 88.9 0.0 178.6

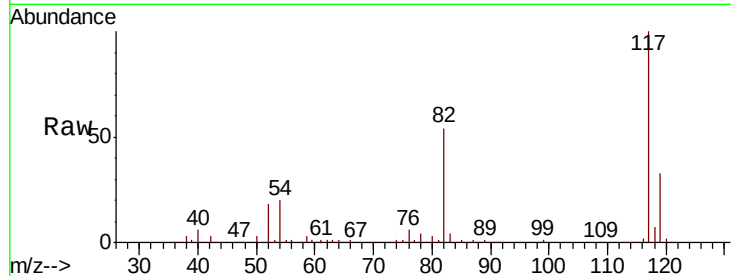




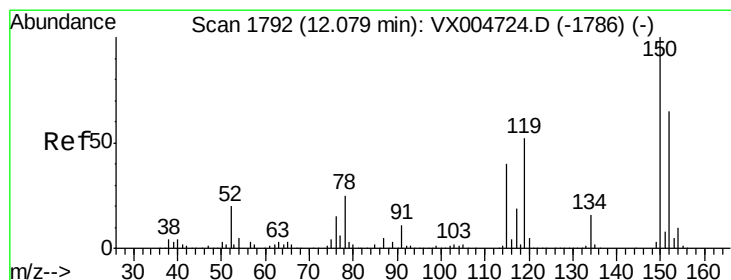
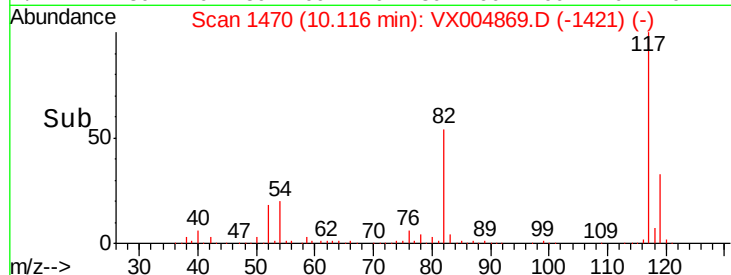
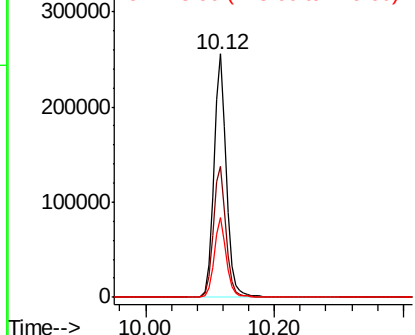
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004869.D
Acq: 01 Oct 2018 14:34

Instrument :
MSVOA_X
ClientSampleId :
SA-TW501-2125

Tot Ion:117 Resp: 347192
Ion Ratio Lower Upper
117 100
82 53.8 47.8 71.6
119 32.6 29.3 43.9

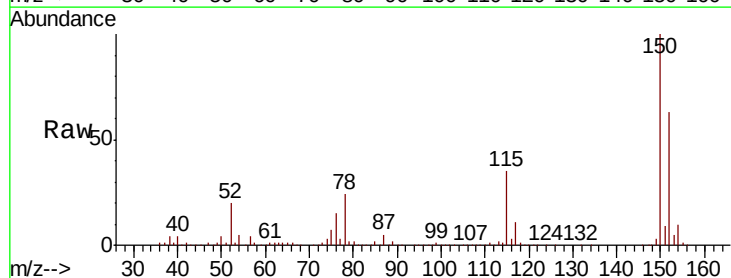


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

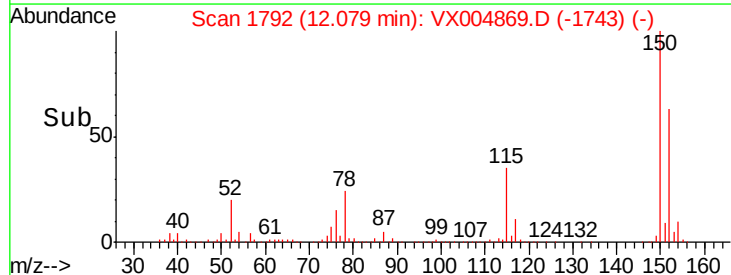
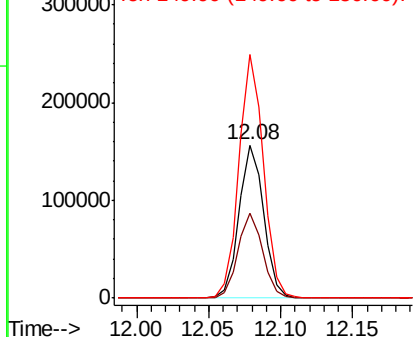


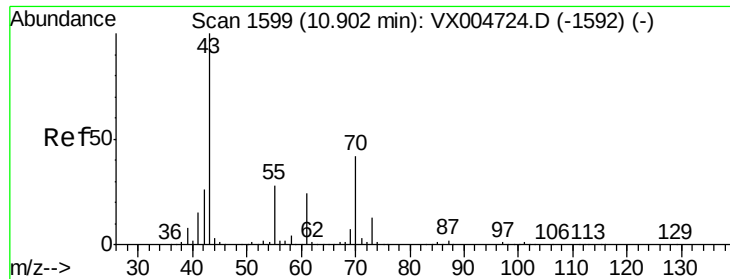
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004869.D
Acq: 01 Oct 2018 14:34

Tgt Ion:152 Resp: 187041
Ion Ratio Lower Upper
152 100
115 55.8 39.0 117.0
150 157.6 0.0 351.0



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





#74

N-amvl acetate

Concen: 1.758 ug/l

RT: 10.89 min Scan# 1597

Delta R.T. -0.01 min

Lab File: VX004869.D

Acq: 01 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampled :

SA-TW501-2125

Tot Ion: 43 Resp: 68

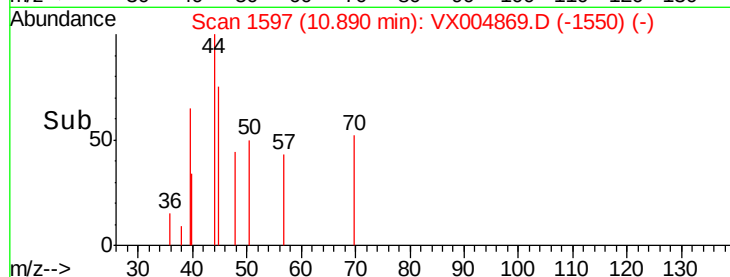
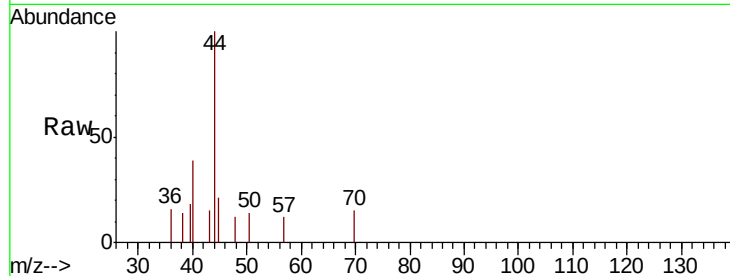
Ion Ratio Lower Upper

43 100

70 0.0 37.4 56.0#

55 0.0 21.8 32.8#

61 0.0 20.6 30.8#

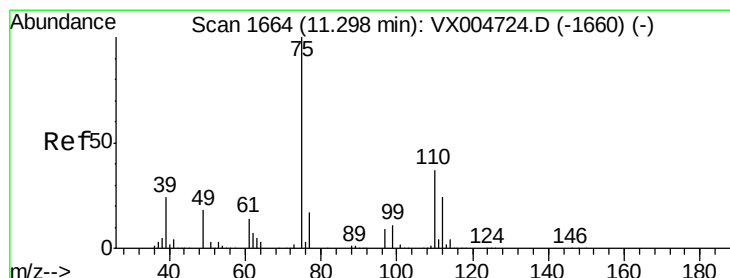
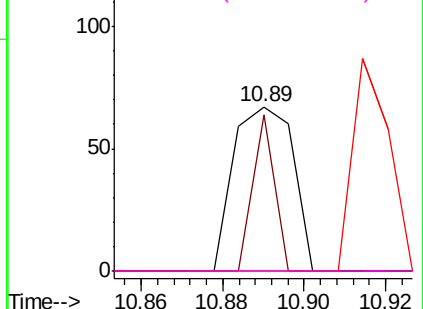


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 21.579 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004869.D

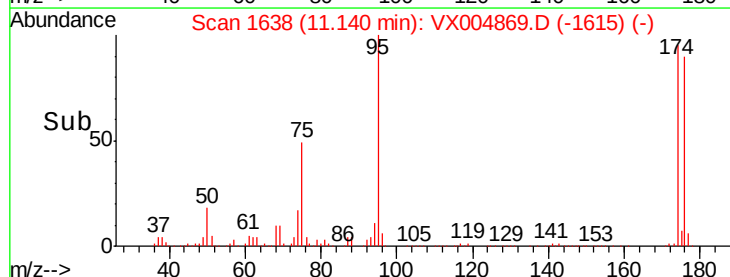
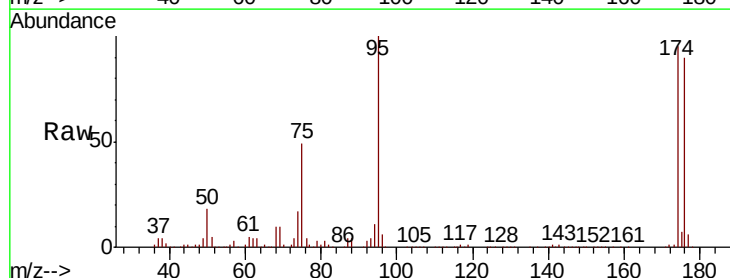
Acq: 01 Oct 2018 14:34

Tgt Ion: 75 Resp: 90463

Ion Ratio Lower Upper

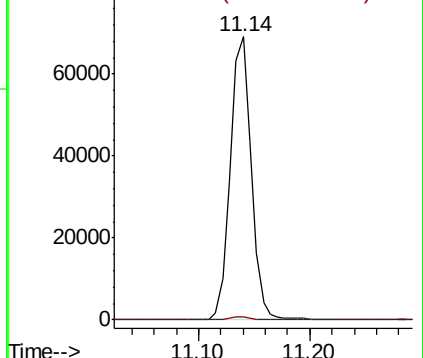
75 100

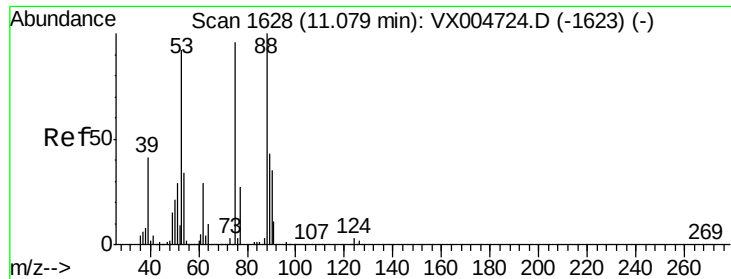
77 1.3 20.2 60.6#



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: 58.501 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004869.D

Acq: 01 Oct 2018 14:34

Instrument :

MSVOA_X

ClientSampleId :

SA-TW501-2125

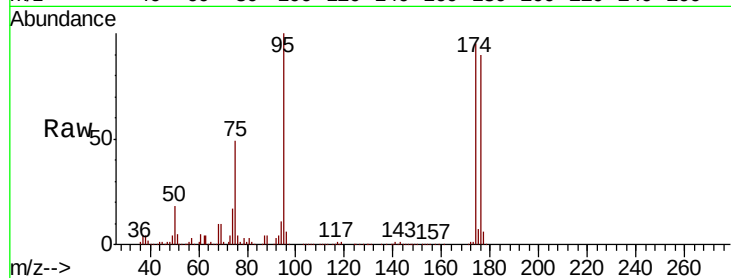
Tot Ion: 75 Resp: 90463

Ion Ratio Lower Upper

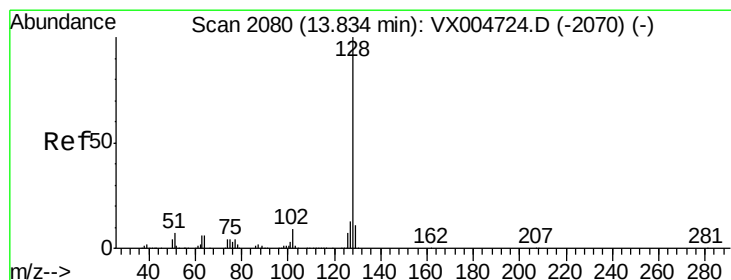
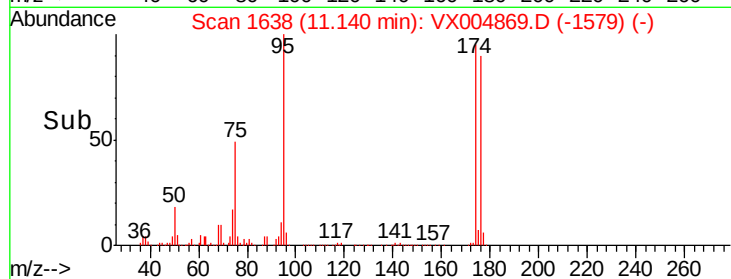
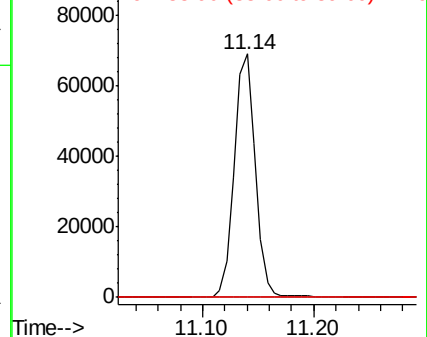
75 100

53 0.2 80.1 120.1#

89 0.0 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#95

Naphthalene

Concen: 0.743 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004869.D

Acq: 01 Oct 2018 14:34

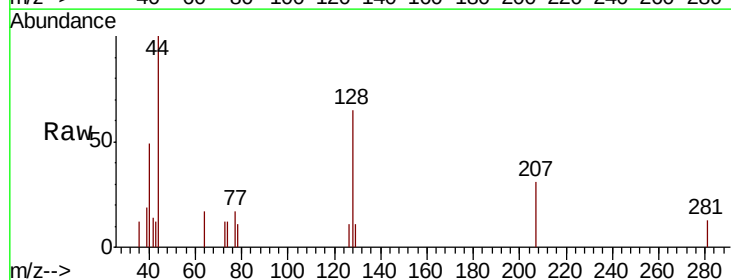
Tgt Ion: 128 Resp: 368

Ion Ratio Lower Upper

128 100

127 0.0 10.2 15.2#

129 12.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

