

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042219\
 Data File : VX009100.D
 Acq On : 22 Apr 2019 16:22
 Operator : JC/SP
 Sample : K2515-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-12

Quant Time: Apr 23 02:34:21 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	239795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392198	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	333410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138249	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	159296	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
35) Dibromofluoromethane	5.50	113	119387	47.43	ug/l	0.00
Spiked Amount			Recovery	=	94.86%	
50) Toluene-d8	8.71	98	488702	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	159056	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	

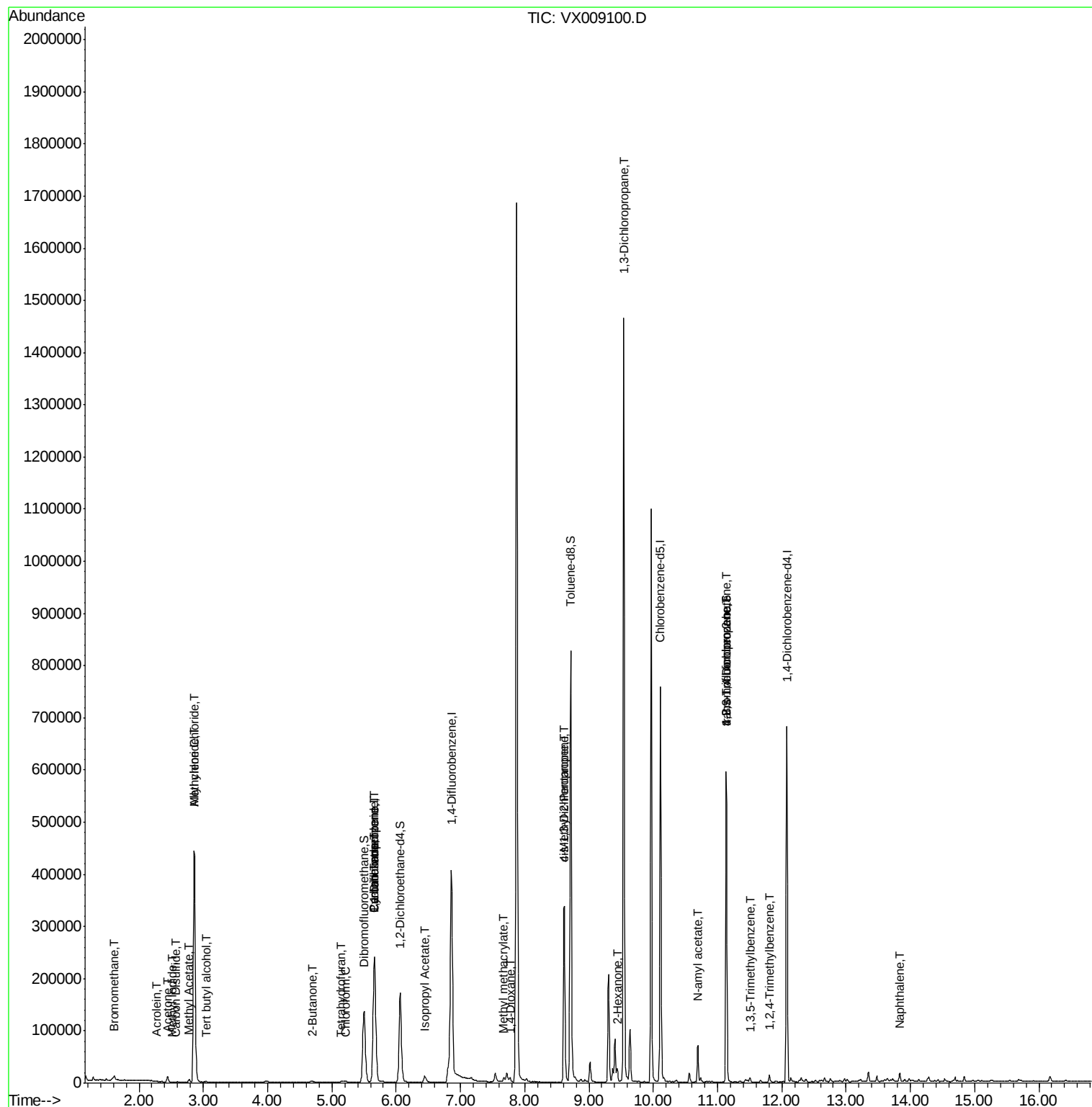
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.61	94	68	3.879	ug/l #	3
10) Methyl Iodide	2.52	142	20	4.421	ug/l #	42
11) Tert butyl alcohol	3.04	59	1216	1.621	ug/l #	85
13) Acrolein	2.26	56	404	0.623	ug/l #	49
14) Allyl chloride	2.86	41	11088	1.976	ug/l #	31
16) Acetone	2.44	43	10928	6.236	ug/l	98
17) Carbon Disulfide	2.57	76	625	1.333	ug/l #	69
18) Methyl Acetate	2.78	43	6583	1.505	ug/l	93
20) Methylene Chloride	2.85	84	209449	69.888	ug/l	97
25) 2-Butanone	4.68	43	5202	1.857	ug/l	92
28) Bromochloromethane	5.03	49	217	Below Cal	#	21
29) Tetrahydrofuran	5.14	42	2533	1.351	ug/l #	88
30) Chloroform	5.20	83	2282	0.466	ug/l #	77
31) Cyclohexane	5.66	56	5646	1.049	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	18439	4.546	ug/l #	50
38) Carbon Tetrachloride	5.67	117	22737	6.612	ug/l #	18
43) Isopropyl Acetate	6.45	43	16414	1.951	ug/l	98
48) Methyl methacrylate	7.68	41	10579	2.545	ug/l #	19
49) 1,4-Dioxane	7.78	88	19	0.244	ug/l #	19
51) 4-Methyl-2-Pentanone	8.61	43	120612	22.509	ug/l #	50
54) cis-1,3-Dichloropropene	8.62	75	51946	10.638	ug/l #	58
57) 1,3-Dichloropropane	9.54	76	11988	2.369	ug/l #	44
59) 2-Hexanone	9.44	43	16588	4.015	ug/l #	26
74) N-ethyl acetate	10.69	43	17743	2.949	ug/l #	58
76) 1,2,3-Trichloropropane	11.13	75	80291	23.785	ug/l #	33
80) 1,3,5-Trimethylbenzene	11.51	105	3210	0.365	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.13	75	80291	61.061	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	5221	0.583	ug/l	96
95) Naphthalene	13.83	128	10133	0.959	ug/l #	97

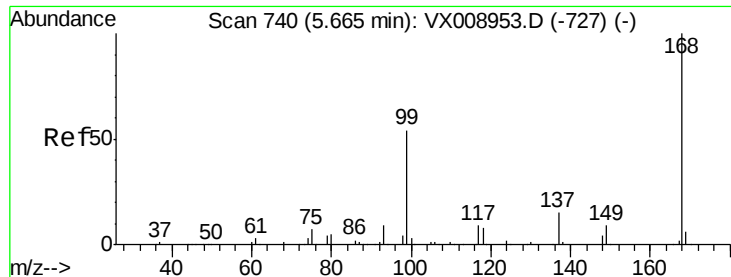
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042219\
Data File : VX009100.D
Acq On : 22 Apr 2019 16:22
Operator : JC/SP
Sample : K2515-16
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-12

Quant Time: Apr 23 02:34:21 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: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

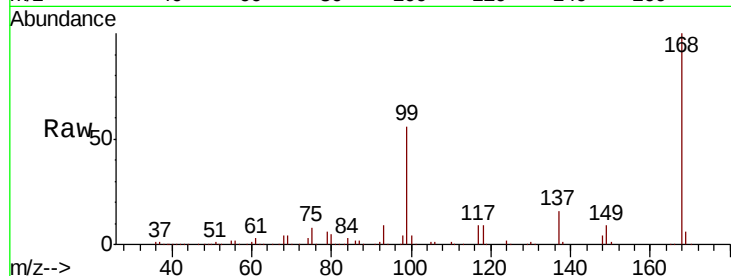
TP-12

Tot Ion:168 Resp: 239795

Ion Ratio Lower Upper

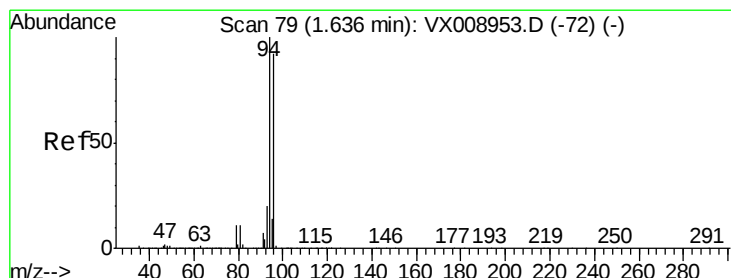
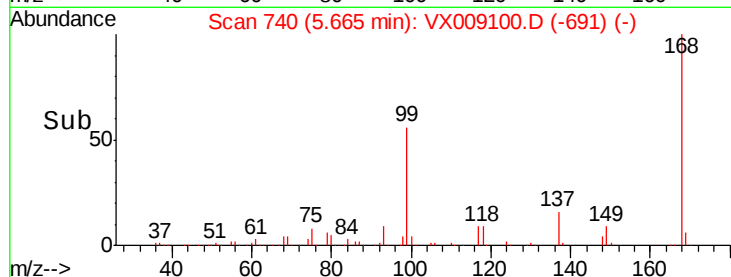
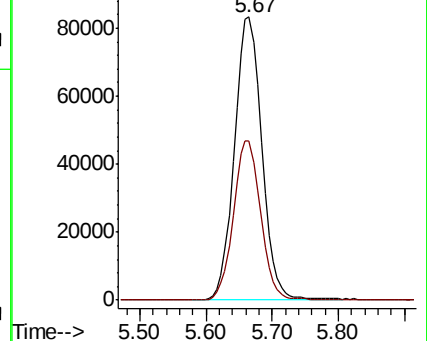
168 100

99 56.2 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: 3.879 ug/l

RT: 1.61 min Scan# 74

Delta R.T. -0.03 min

Lab File: VX009100.D

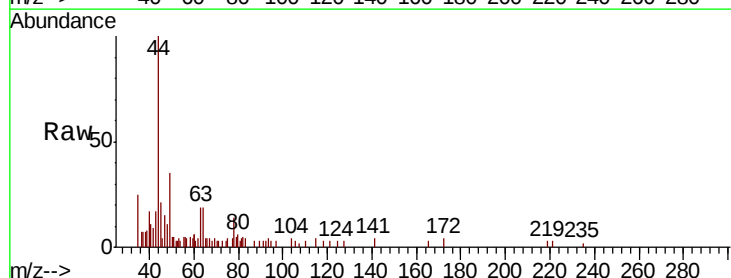
Acq: 22 Apr 2019 16:22

Tgt Ion: 94 Resp: 68

Ion Ratio Lower Upper

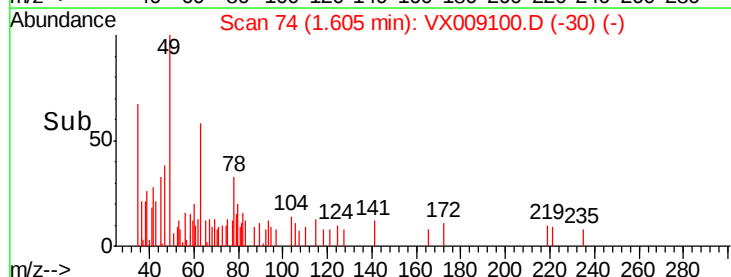
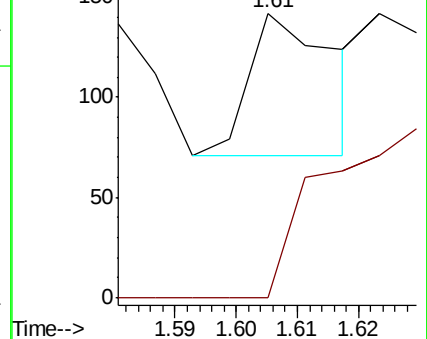
94 100

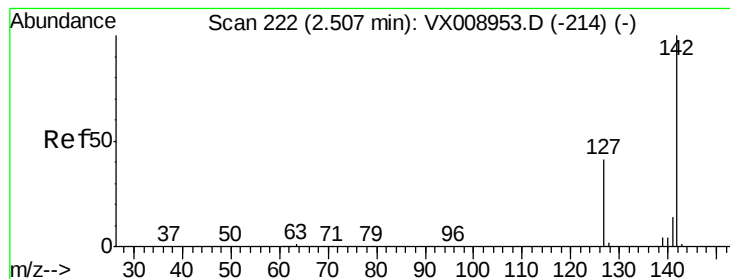
96 0.0 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methyl Iodide

Concen: 4.421 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampled :

TP-12

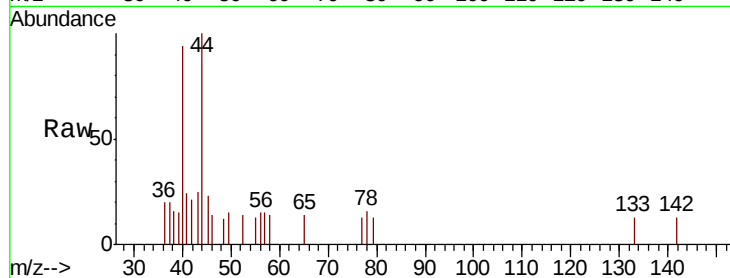
Tot Ion:142 Resp: 20

Ion Ratio Lower Upper

142 100

127 0.0 32.8 49.2#

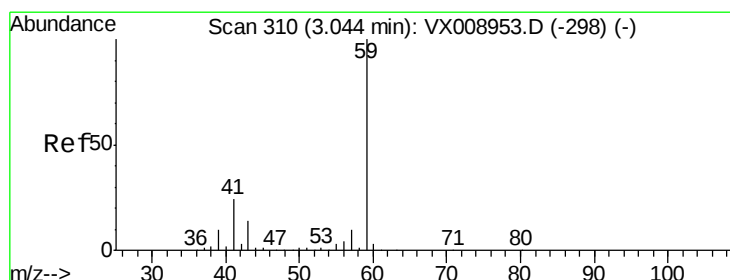
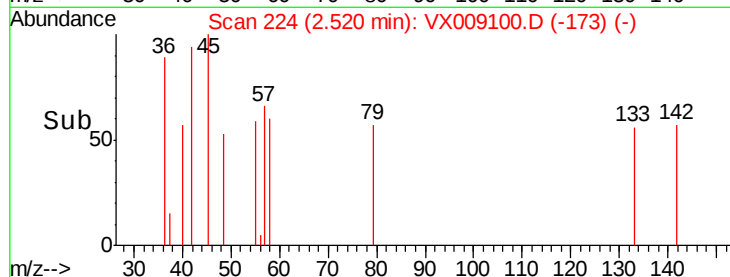
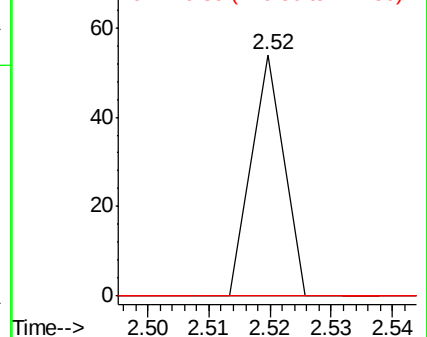
141 0.0 11.4 17.2#



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



#11

Tert butyl alcohol

Concen: 1.621 ug/l

RT: 3.04 min Scan# 310

Delta R.T. 0.00 min

Lab File: VX009100.D

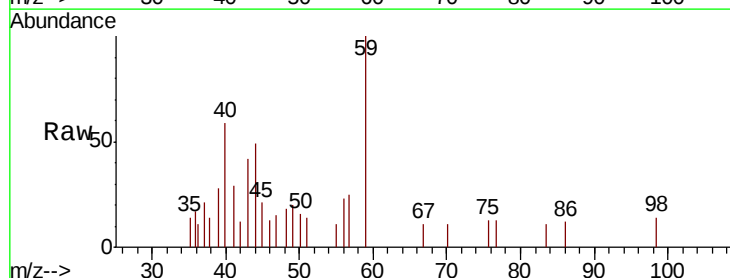
Acq: 22 Apr 2019 16:22

Tgt Ion: 59 Resp: 1216

Ion Ratio Lower Upper

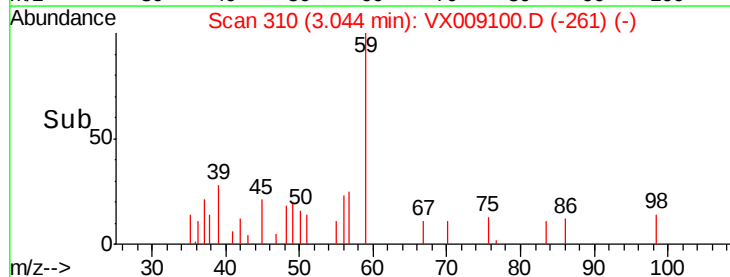
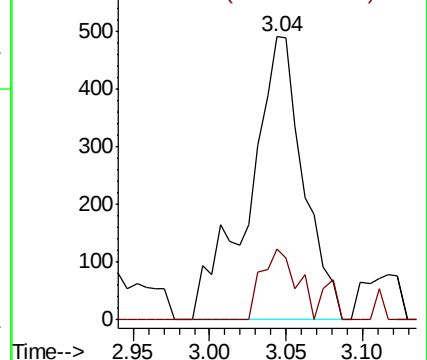
59 100

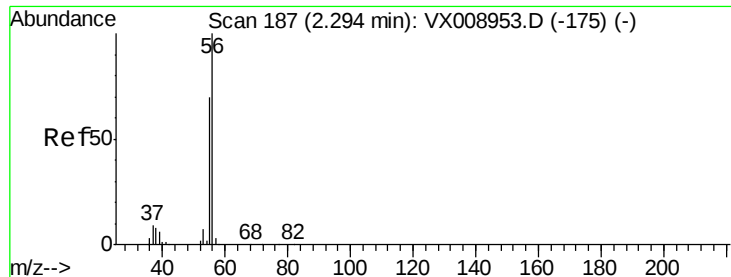
57 16.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.623 ug/l

RT: 2.26 min Scan# 182

Delta R.T. -0.03 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampled :

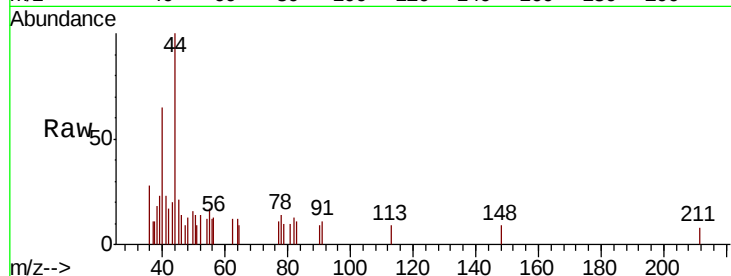
TP-12

Tot Ion: 56 Resp: 404

Ion Ratio Lower Upper

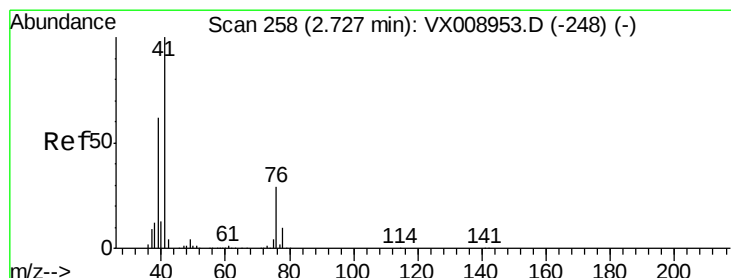
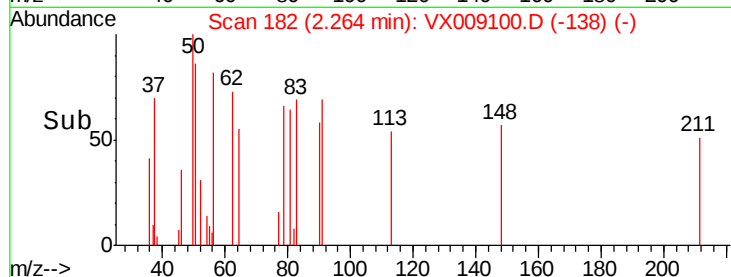
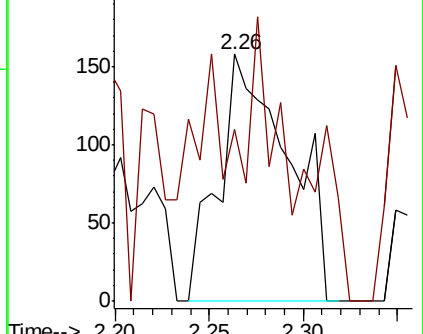
56 100

55 28.7 56.6 84.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.976 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.13 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

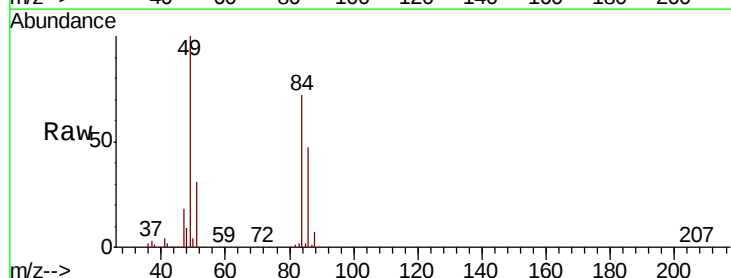
Tgt Ion: 41 Resp: 11088

Ion Ratio Lower Upper

41 100

39 1.7 46.7 70.1#

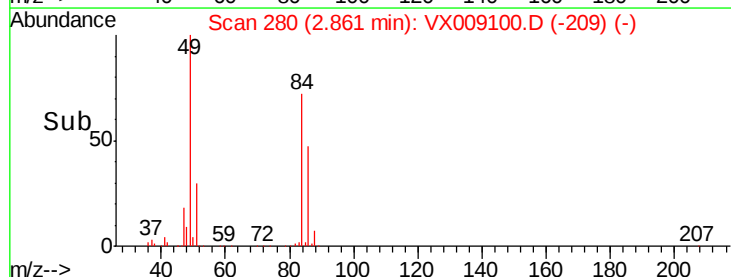
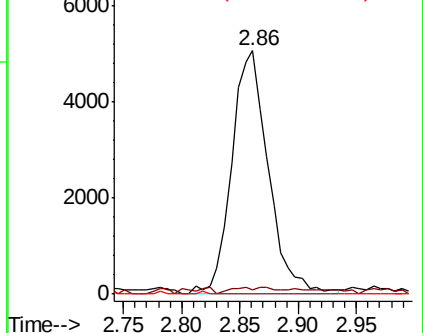
76 0.0 22.0 33.0#

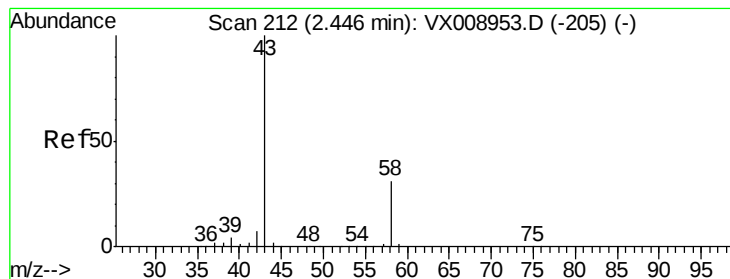


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 6.236 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampled :

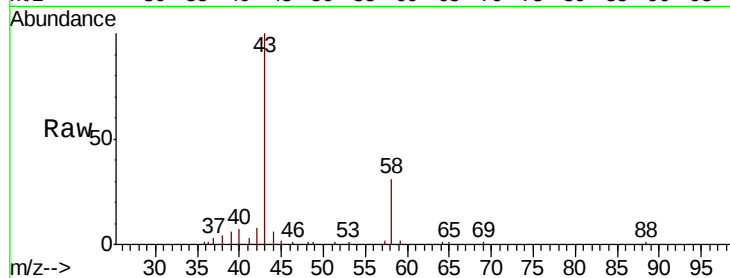
TP-12

Tot Ion: 43 Resp: 10928

Ion Ratio Lower Upper

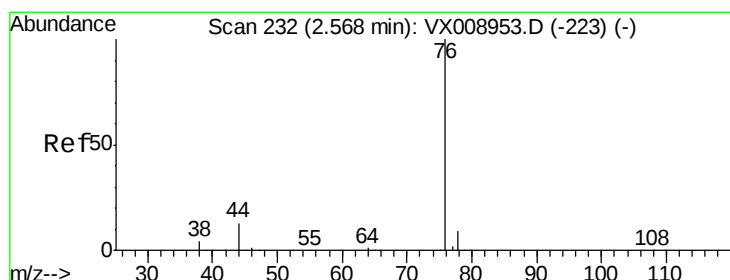
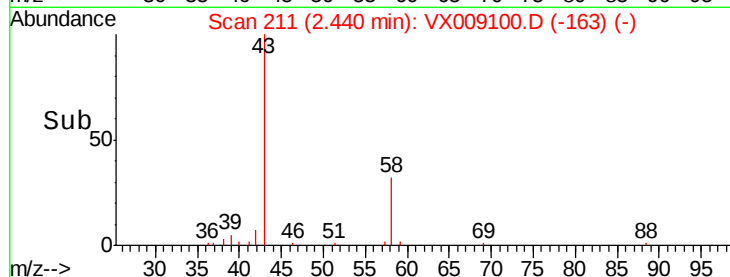
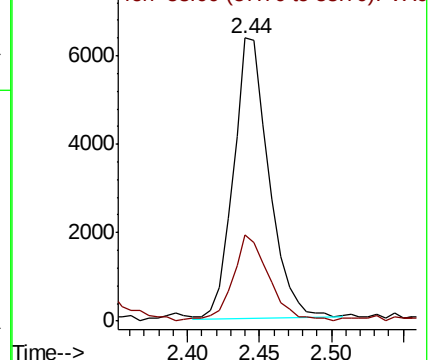
43 100

58 30.0 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 1.333 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009100.D

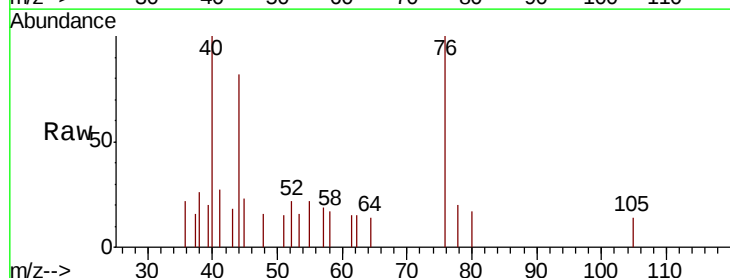
Acq: 22 Apr 2019 16:22

Tgt Ion: 76 Resp: 625

Ion Ratio Lower Upper

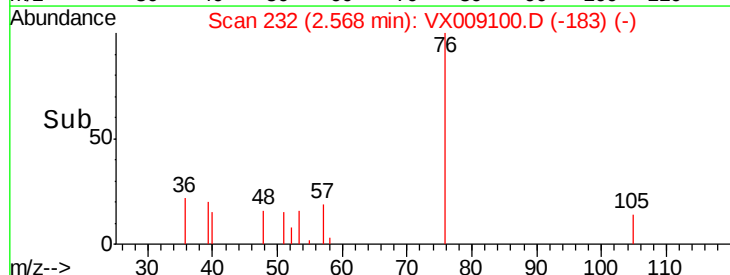
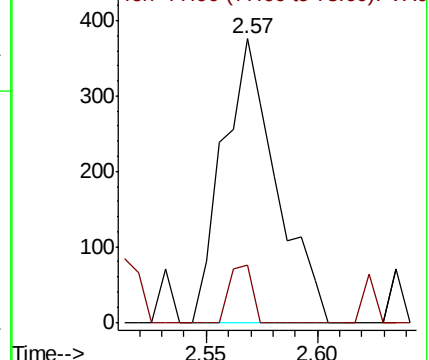
76 100

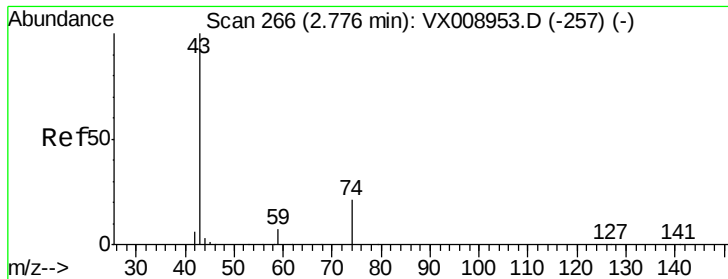
78 20.2 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

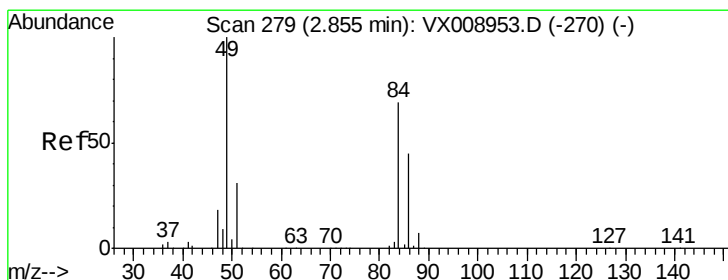
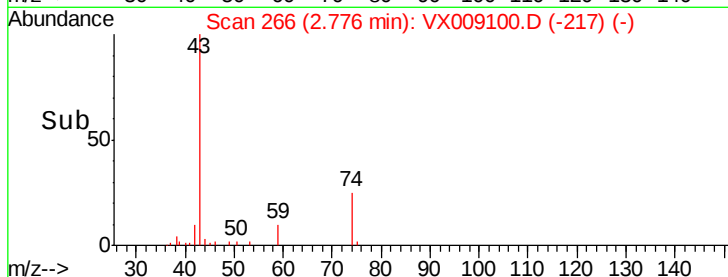
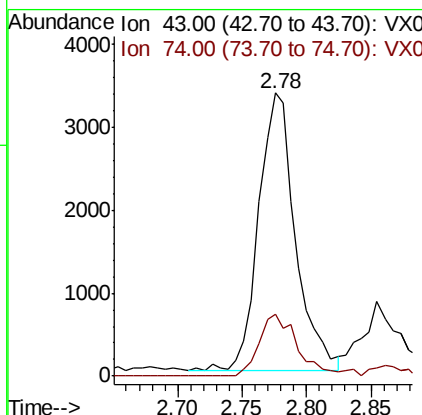
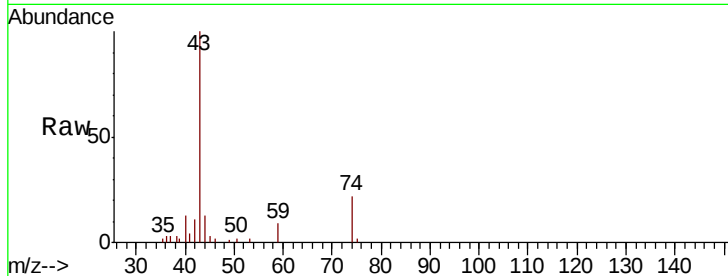




#18
Methvl Acetate
Concen: 1.505 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009100.D
Acq: 22 Apr 2019 16:22

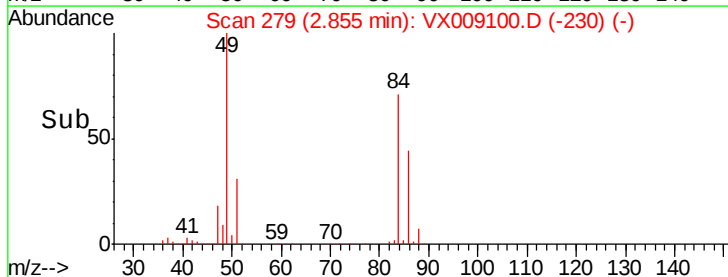
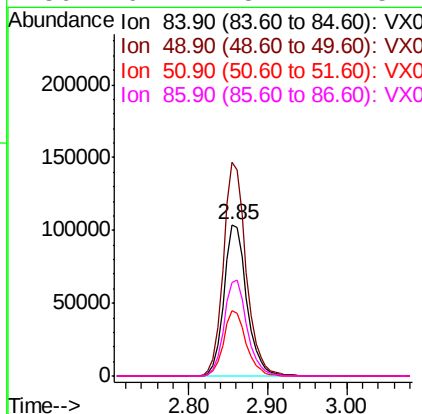
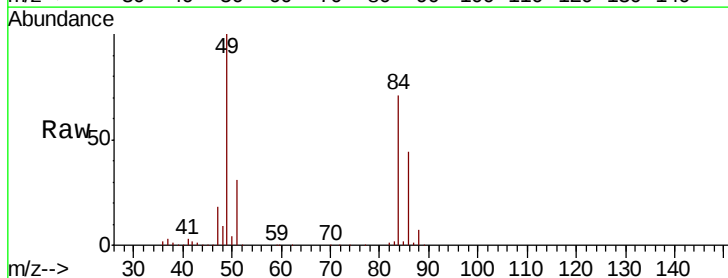
Instrument :
MSVOA_X
ClientSampleId :
TP-12

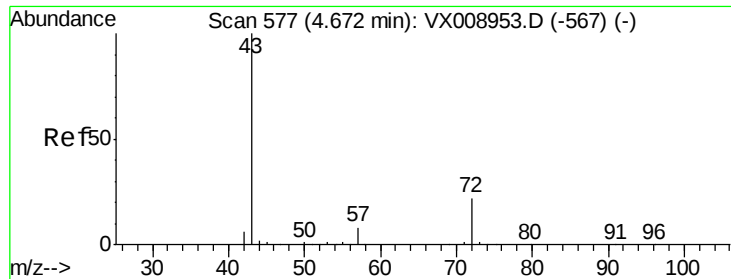
Tot Ion: 43 Resp: 6583
Ion Ratio Lower Upper
43 100
74 24.0 16.6 25.0



#20
Methylene Chloride
Concen: 69.888 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009100.D
Acq: 22 Apr 2019 16:22

Tgt Ion: 84 Resp: 209449
Ion Ratio Lower Upper
84 100
49 141.1 115.4 173.0
51 43.2 35.8 53.6
86 62.1 52.1 78.1





#25

2-Butanone

Concen: 1.857 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

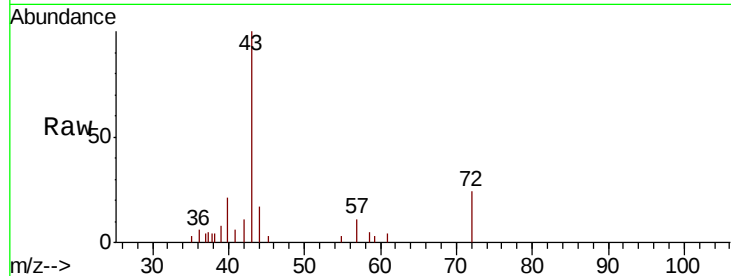
TP-12

Tot Ion: 43 Resp: 5202

Ion Ratio Lower Upper

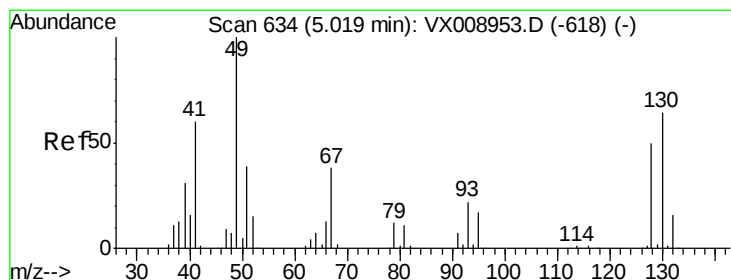
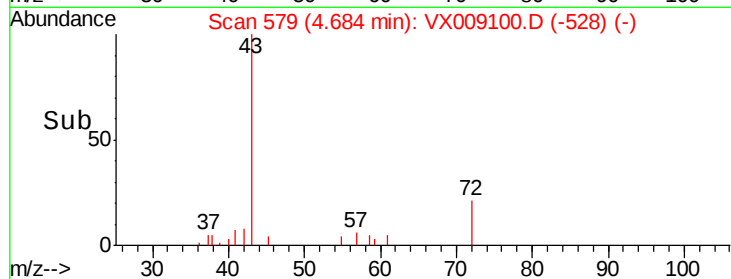
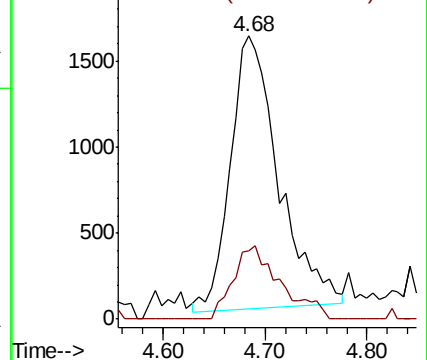
43 100

72 25.8 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

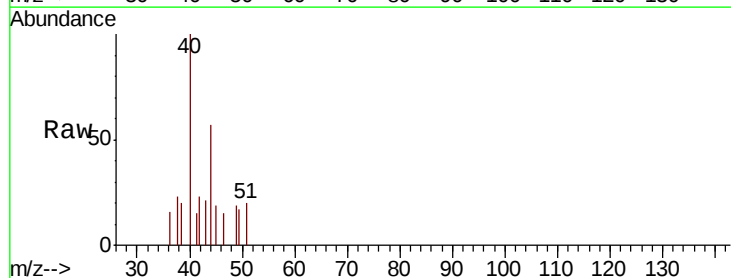
Tgt Ion: 49 Resp: 217

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

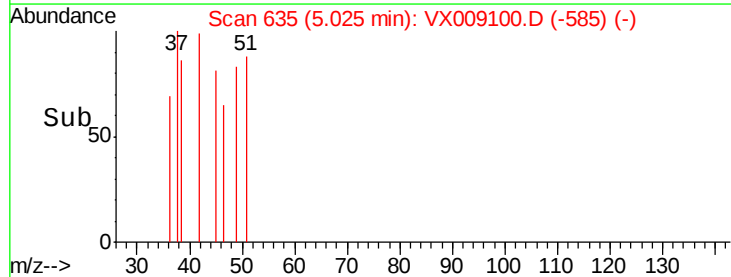
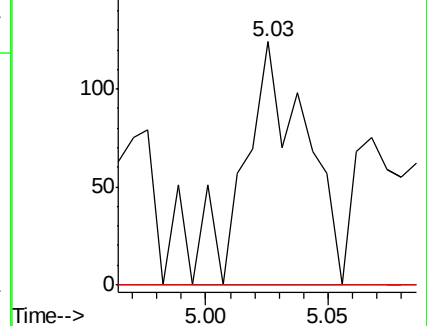
130 0.0 50.4 75.6#

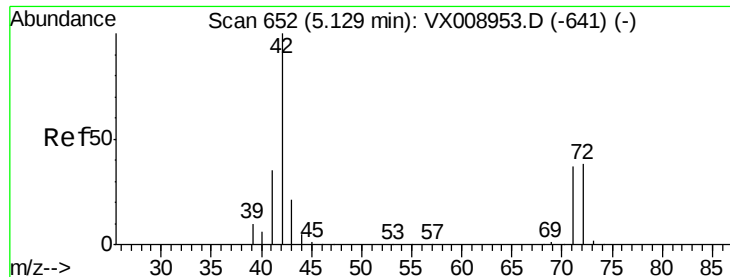


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 1.351 ug/l

RT: 5.14 min Scan# 654

Delta R.T. 0.01 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

TP-12

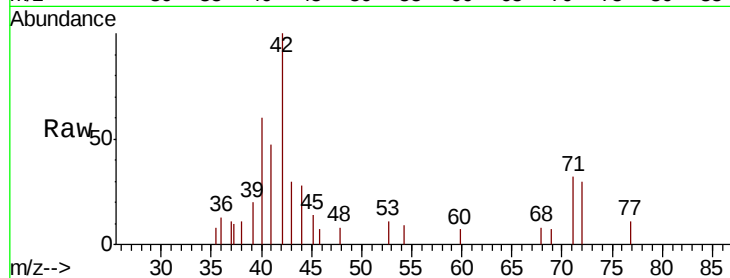
Tot Ion: 42 Resp: 2533

Ion Ratio Lower Upper

42 100

72 36.8 30.6 45.8

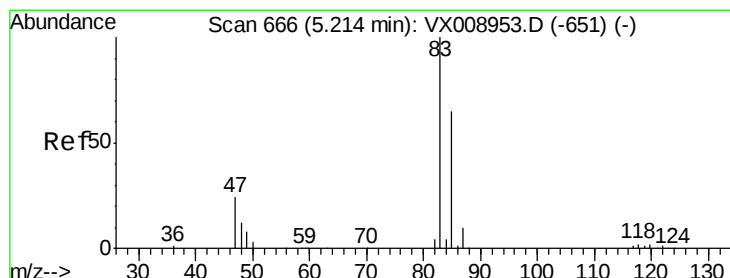
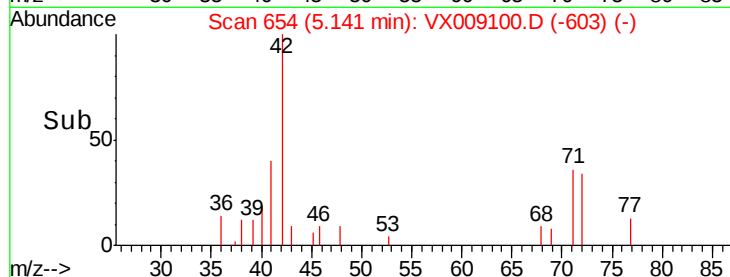
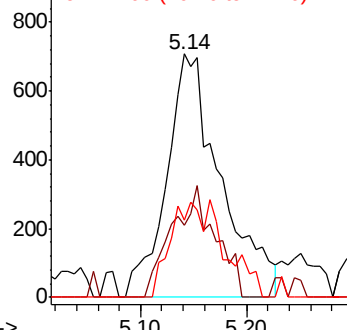
71 23.2 28.8 43.2#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 0.466 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX009100.D

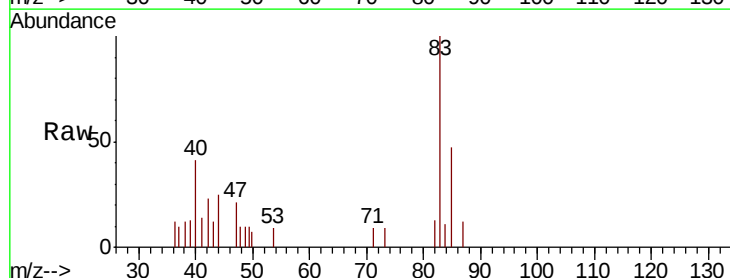
Acq: 22 Apr 2019 16:22

Tgt Ion: 83 Resp: 2282

Ion Ratio Lower Upper

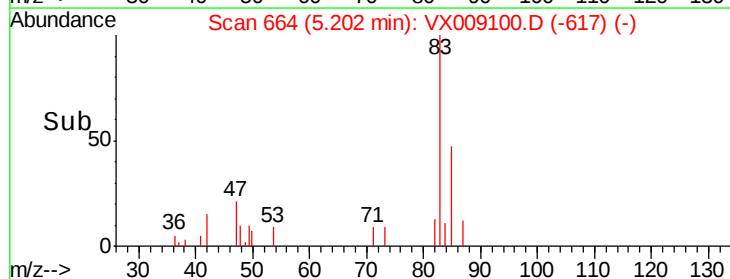
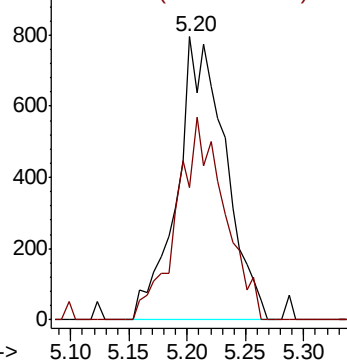
83 100

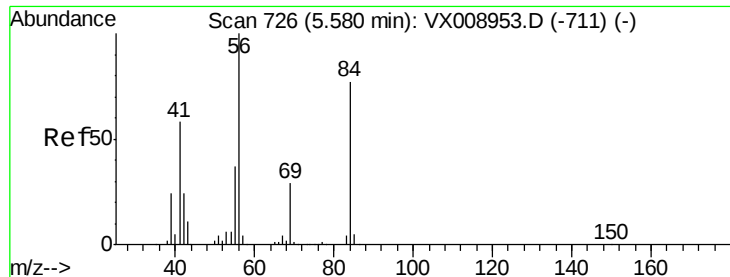
85 46.9 51.9 77.9#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

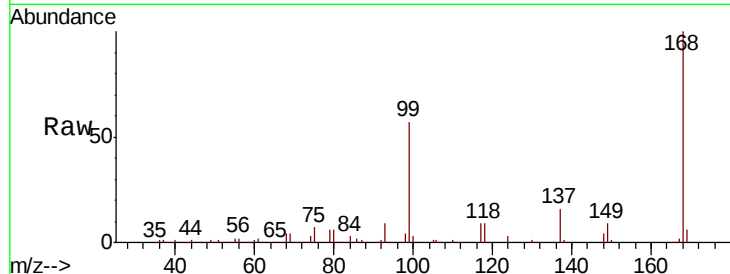




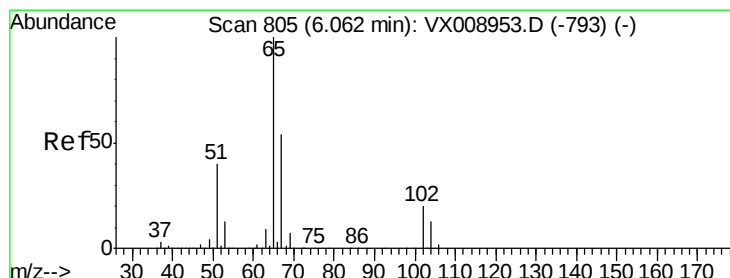
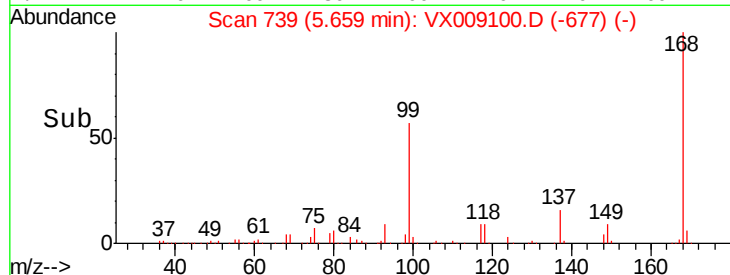
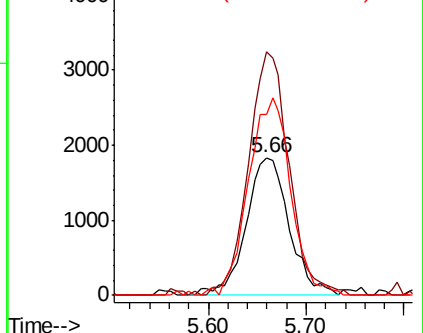
#31
Cyclohexane
Concen: 1.049 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX009100.D
Acq: 22 Apr 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
TP-12

Tot Ion: 56 Resp: 5646
Ion Ratio Lower Upper
56 100
69 176.9 23.3 34.9#
84 128.7 61.7 92.5#

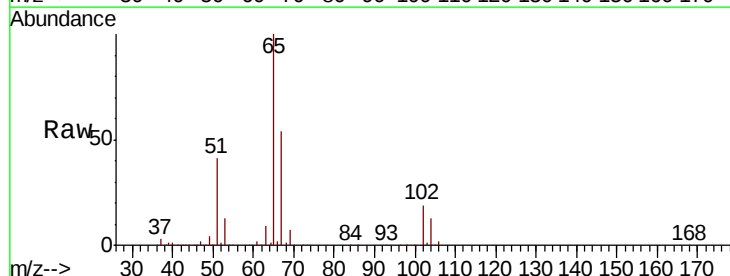


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

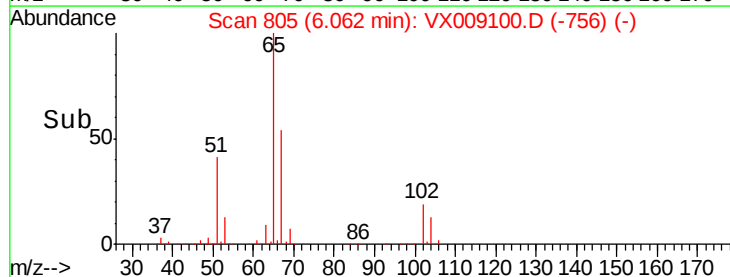
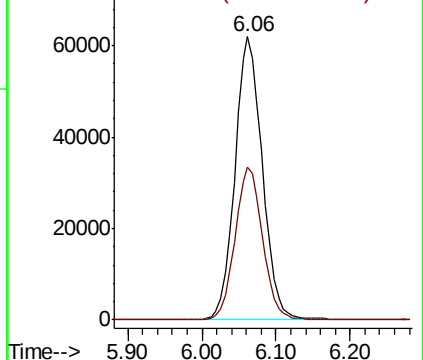


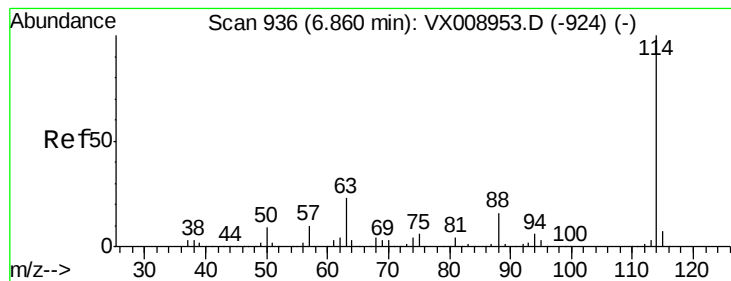
#33
1,2-Dichloroethane-d4
Concen: 47.137 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009100.D
Acq: 22 Apr 2019 16:22

Tgt Ion: 65 Resp: 159296
Ion Ratio Lower Upper
65 100
67 54.2 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: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

TP-12

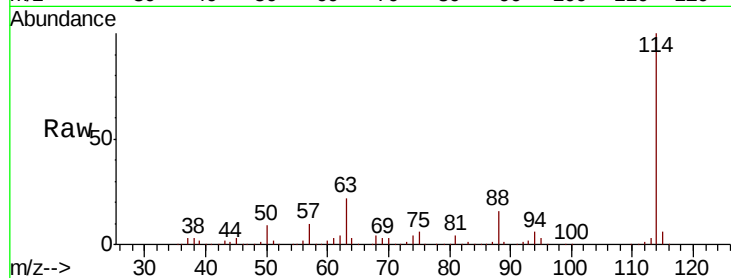
Tot Ion:114 Resp: 392198

Ion Ratio Lower Upper

114 100

63 22.2 0.0 46.0

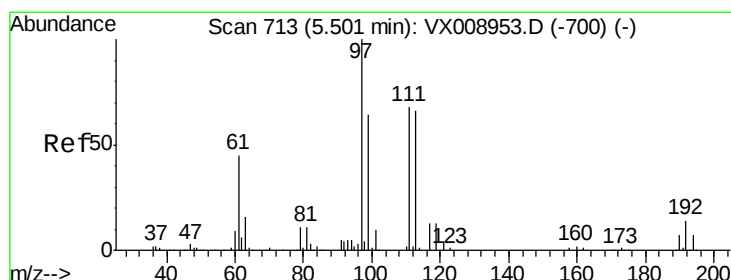
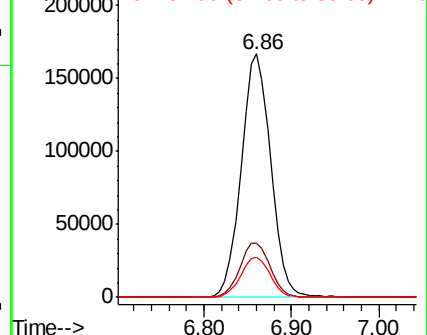
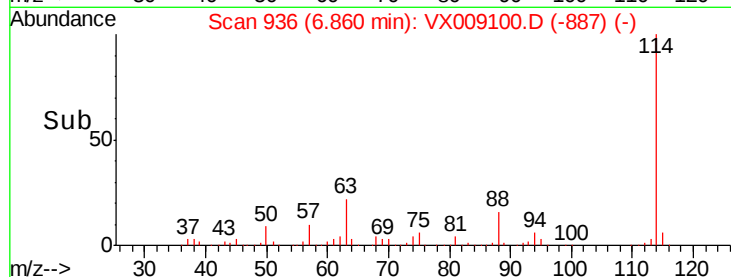
88 16.4 0.0 32.6



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: 47.432 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

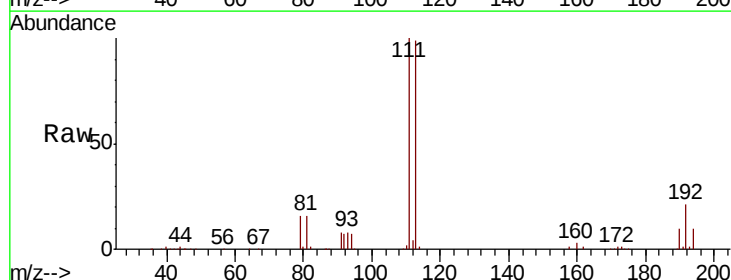
Tgt Ion:113 Resp: 119387

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

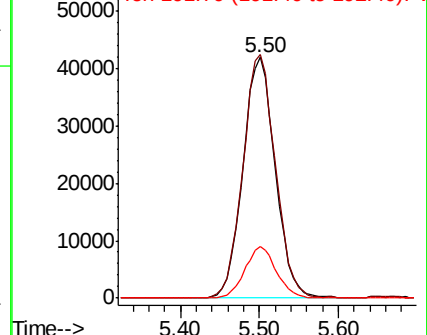
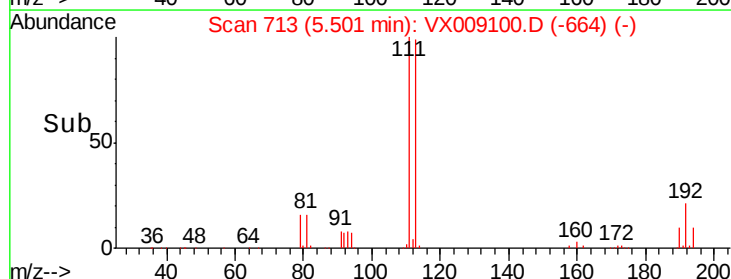
192 21.0 17.4 26.0

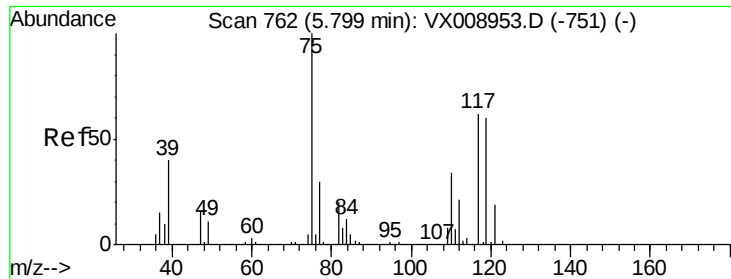


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.546 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

TP-12

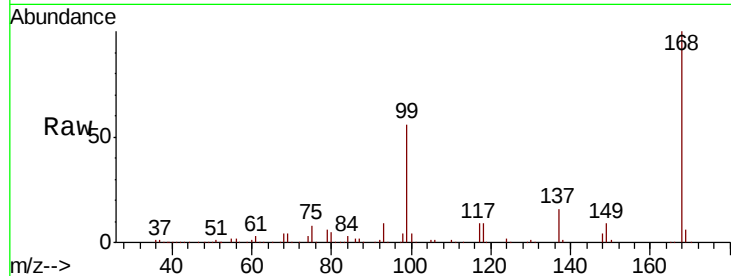
Tot Ion: 75 Resp: 18439

Ion Ratio Lower Upper

75 100

110 8.9 16.9 50.7#

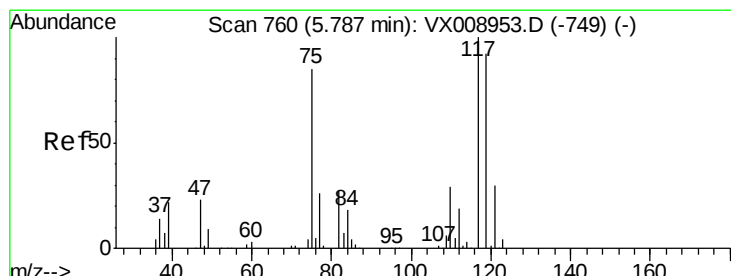
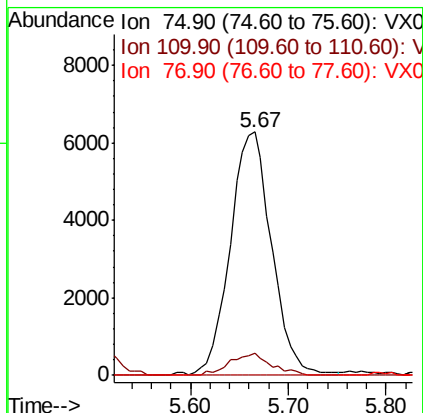
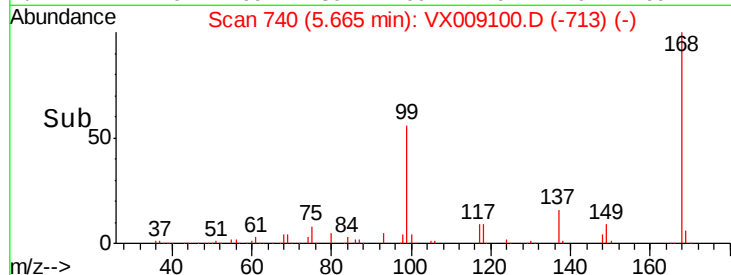
77 0.0 25.0 37.4#



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: 6.612 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

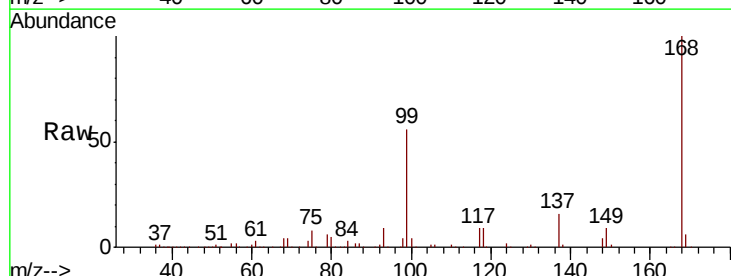
Tgt Ion: 117 Resp: 22737

Ion Ratio Lower Upper

117 100

119 5.2 73.8 110.8#

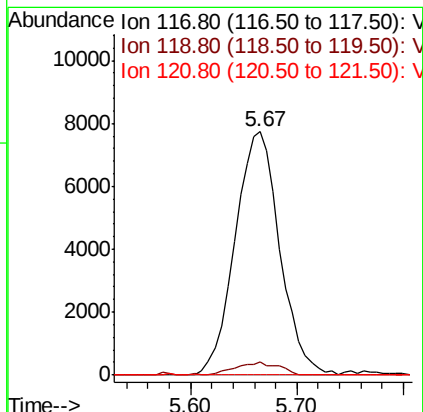
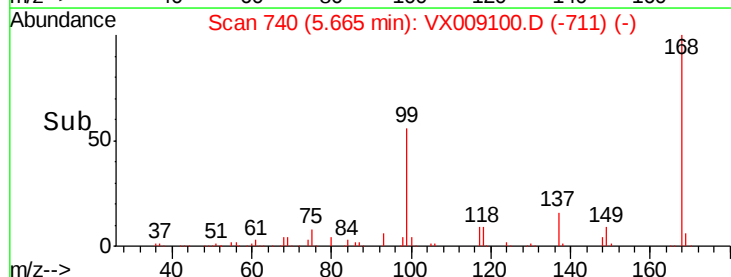
121 0.0 23.6 35.4#

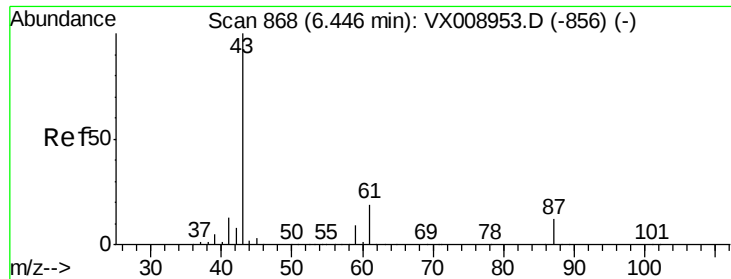


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 1.951 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

TP-12

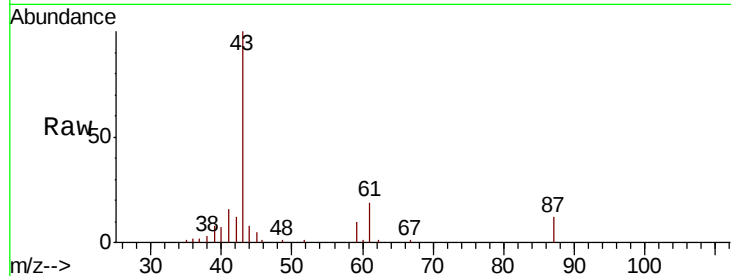
Tot Ion: 43 Resp: 16414

Ion Ratio Lower Upper

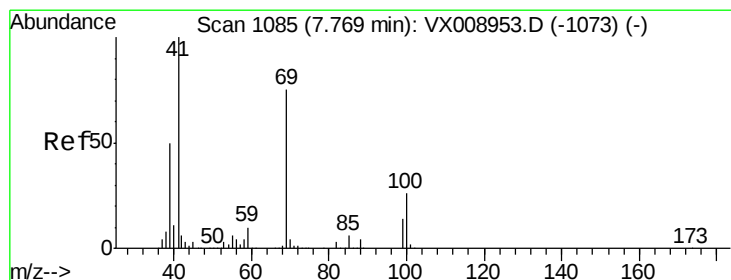
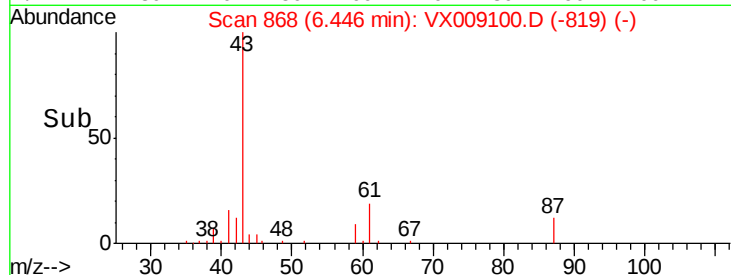
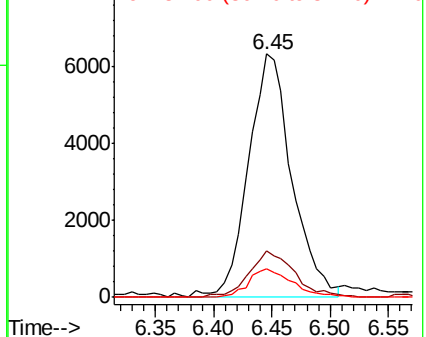
43 100

61 19.8 15.4 23.0

87 12.0 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 2.545 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

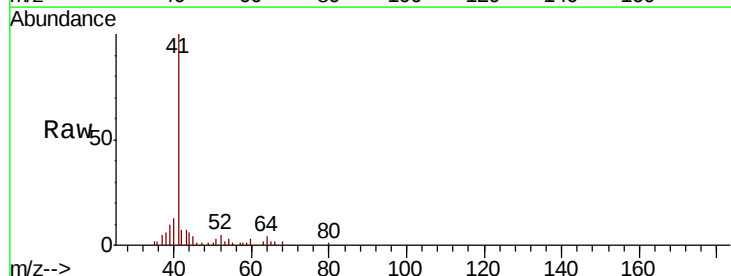
Tgt Ion: 41 Resp: 10579

Ion Ratio Lower Upper

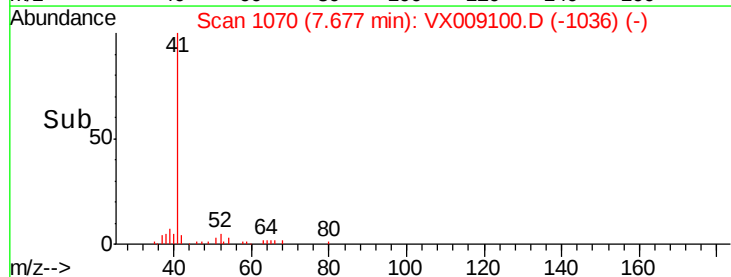
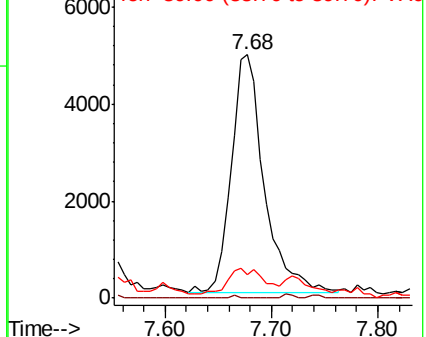
41 100

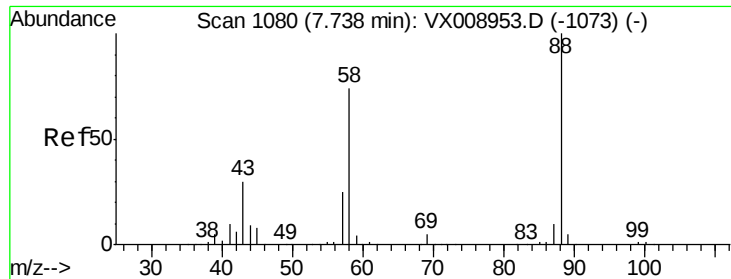
69 0.2 59.4 89.2#

39 0.0 39.8 59.6#



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

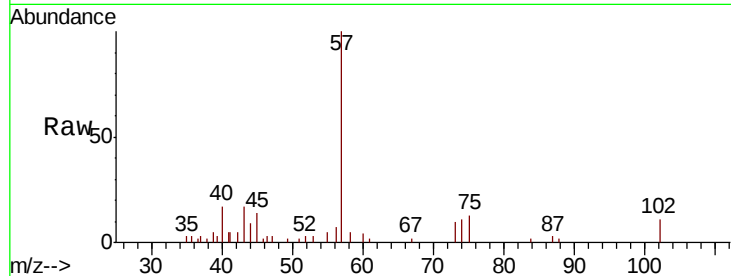




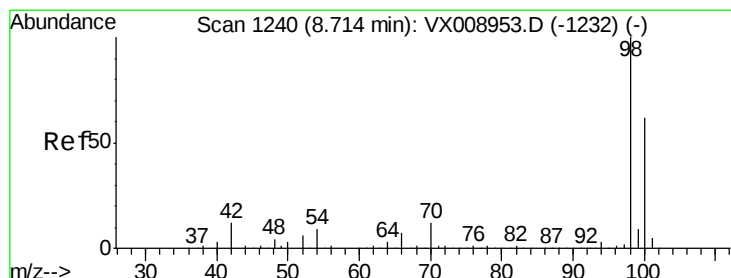
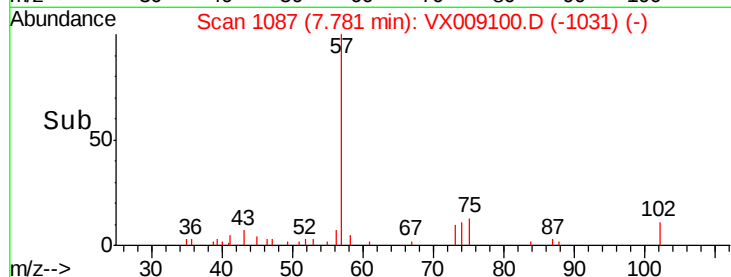
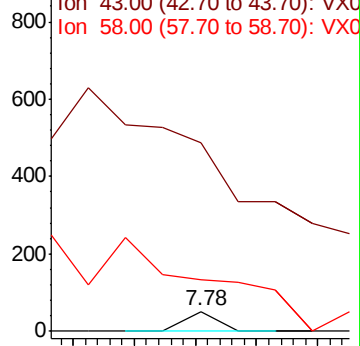
#49
1,4-Dioxane
Concen: 0.244 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.04 min
Lab File: VX009100.D
Acq: 22 Apr 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
TP-12

Tot Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 29.3 43.9#
58 0.0 62.6 93.8#

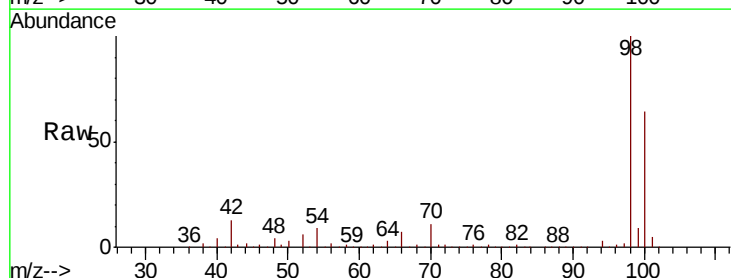


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

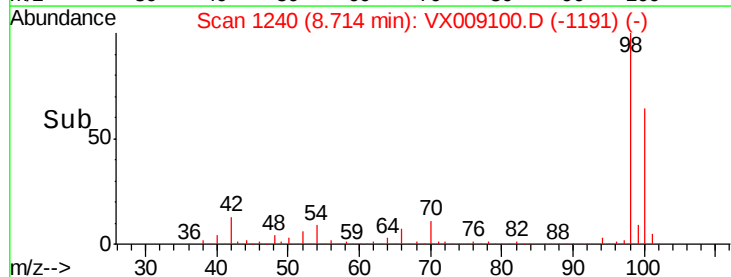
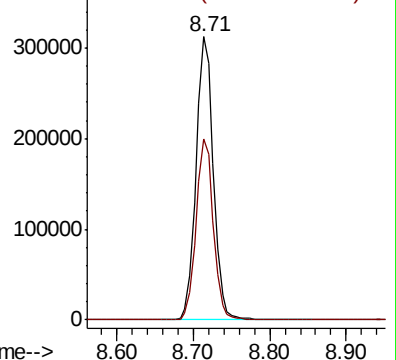


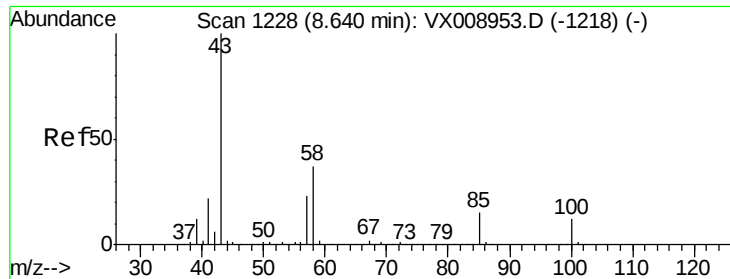
#50
Toluene-d8
Concen: 48.685 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009100.D
Acq: 22 Apr 2019 16:22

Tgt Ion: 98 Resp: 488702
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





#51

4-Methyl-2-Pentanone

Concen: 22.509 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampled :

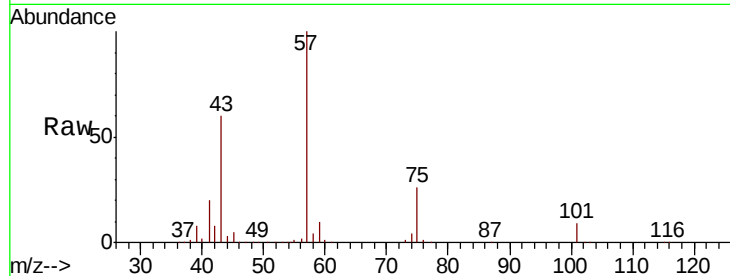
TP-12

Tot Ion: 43 Resp: 120612

Ion Ratio Lower Upper

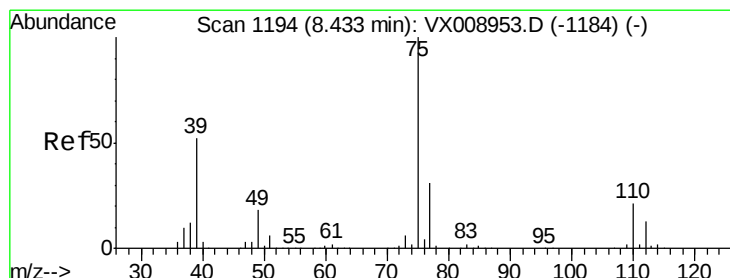
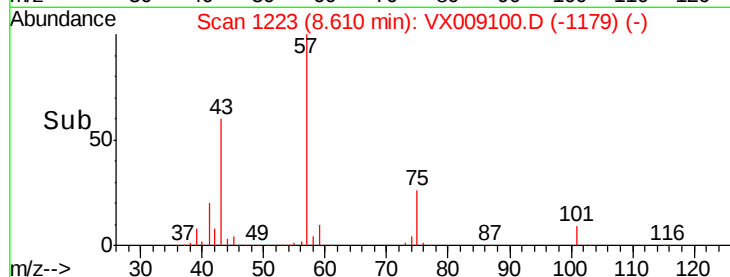
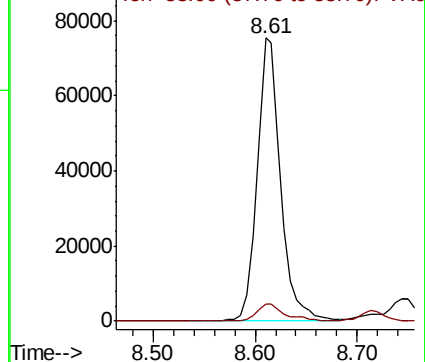
43 100

58 7.5 29.8 44.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 10.638 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

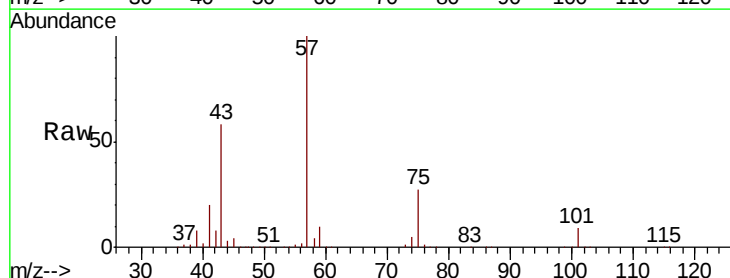
Tgt Ion: 75 Resp: 51946

Ion Ratio Lower Upper

75 100

77 0.5 24.8 37.2#

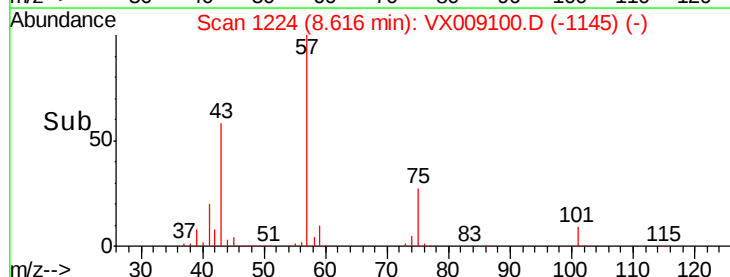
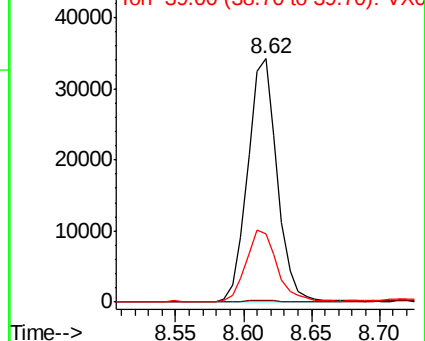
39 28.0 41.8 62.6#

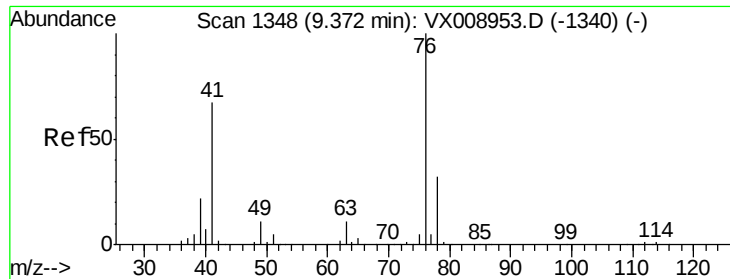


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 2.369 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

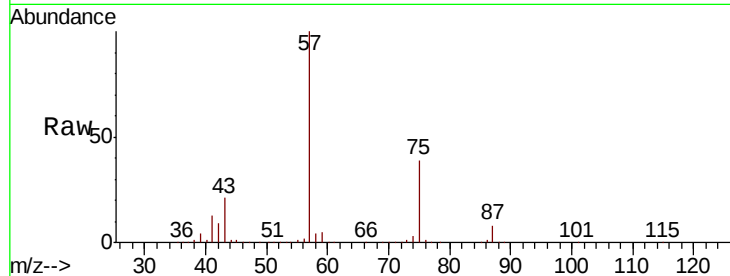
TP-12

Tot Ion: 76 Resp: 11988

Ion Ratio Lower Upper

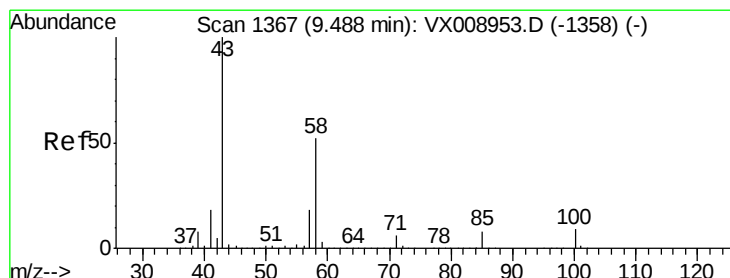
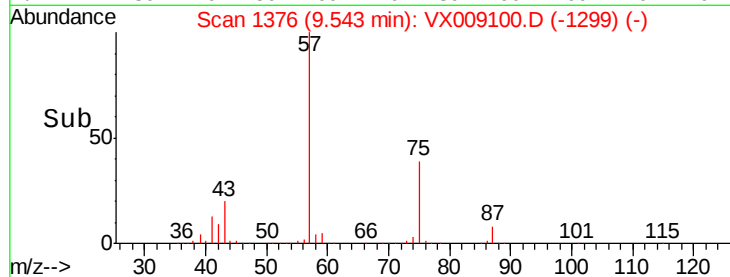
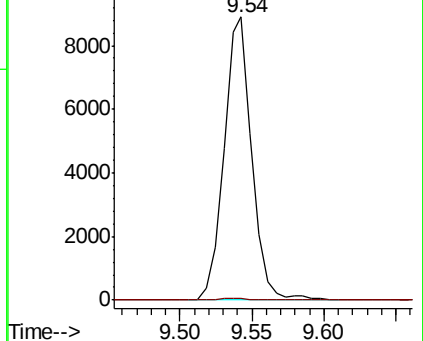
76 100

78 0.6 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 4.015 ug/l

RT: 9.44 min Scan# 1359

Delta R.T. -0.05 min

Lab File: VX009100.D

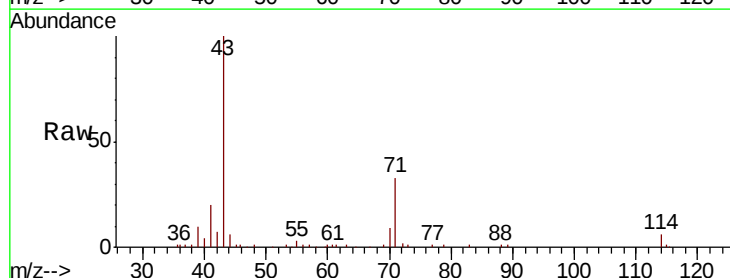
Acq: 22 Apr 2019 16:22

Tgt Ion: 43 Resp: 16588

Ion Ratio Lower Upper

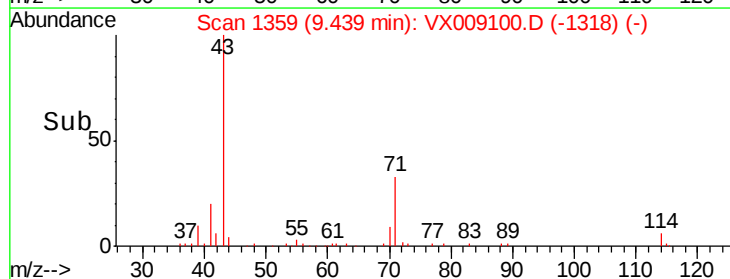
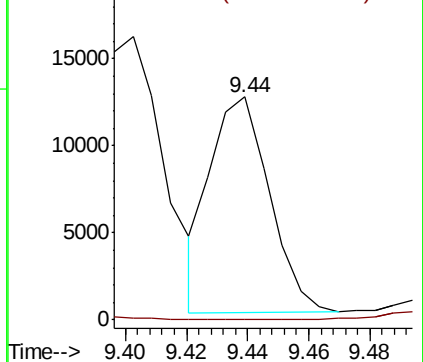
43 100

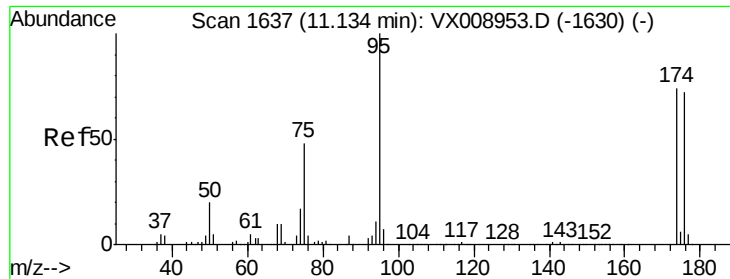
58 0.0 25.9 77.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.887 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

TP-12

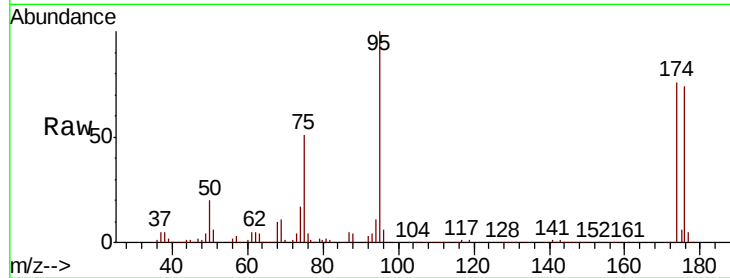
Tot Ion: 95 Resp: 159056

Ion Ratio Lower Upper

95 100

174 78.7 0.0 159.6

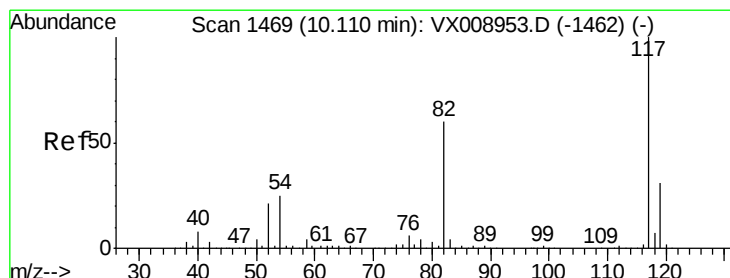
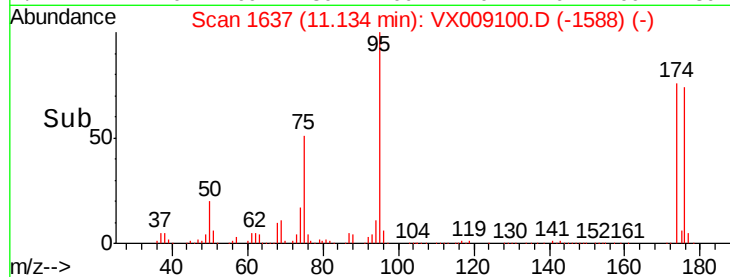
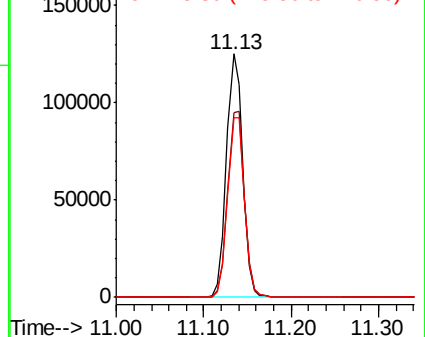
176 76.7 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

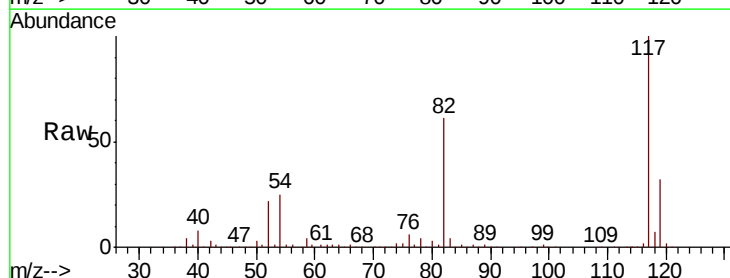
Tgt Ion: 117 Resp: 333410

Ion Ratio Lower Upper

117 100

82 61.3 48.2 72.4

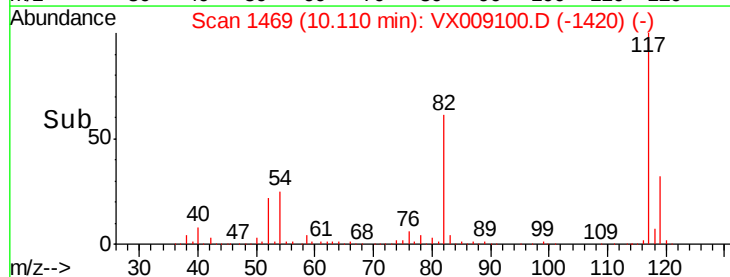
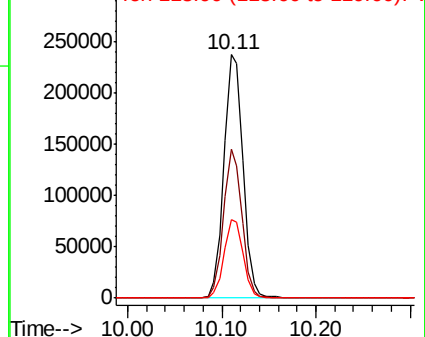
119 32.3 25.0 37.6

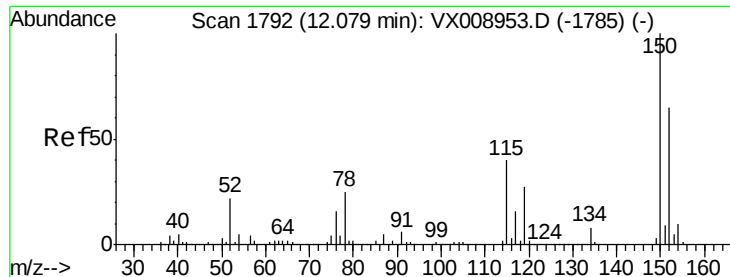


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

TP-12

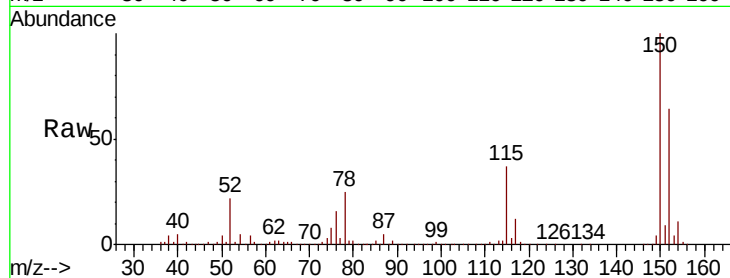
Tot Ion:152 Resp: 138249

Ion Ratio Lower Upper

152 100

115 59.0 41.4 124.2

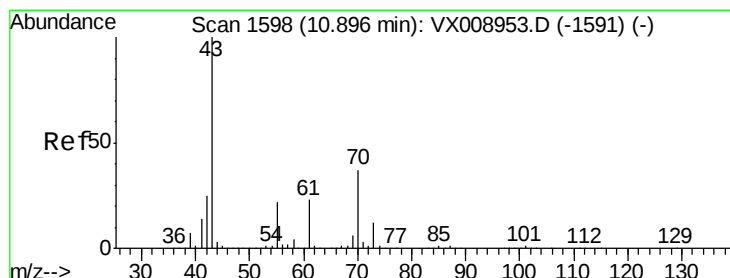
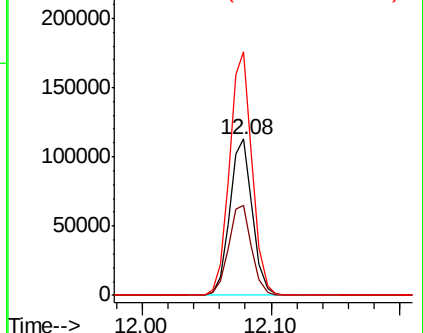
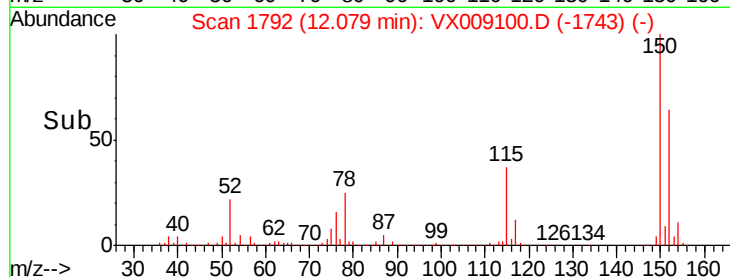
150 156.3 0.0 349.8



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



#74

N-ethyl acetate

Concen: 2.949 ug/l

RT: 10.69 min Scan# 1564

Delta R.T. -0.21 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Tgt Ion: 43 Resp: 17743

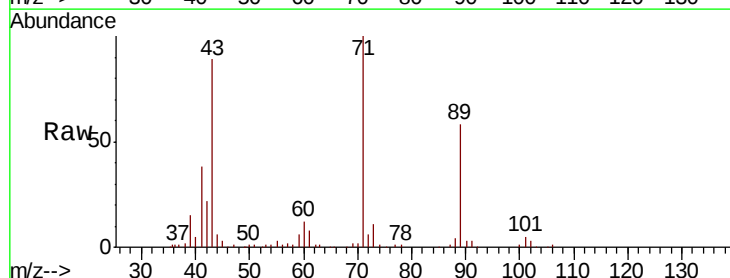
Ion Ratio Lower Upper

43 100

70 1.6 29.9 44.9#

55 7.1 17.8 26.8#

61 11.1 18.3 27.5#

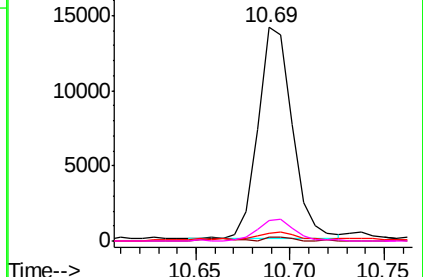
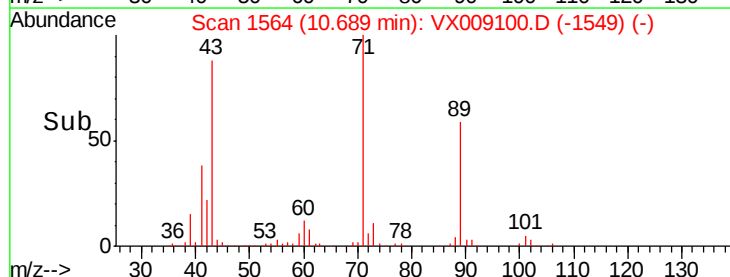


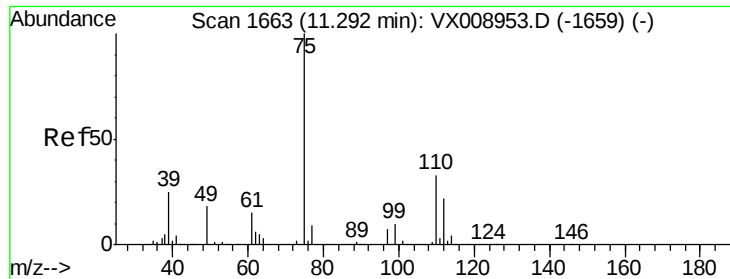
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

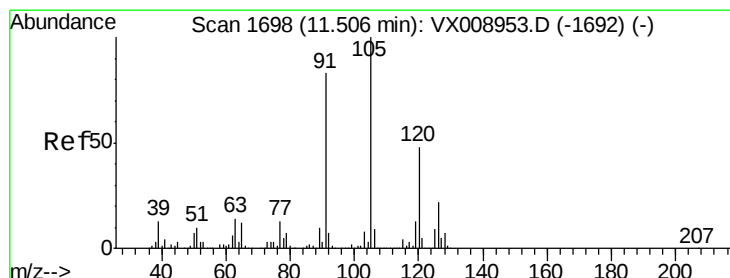
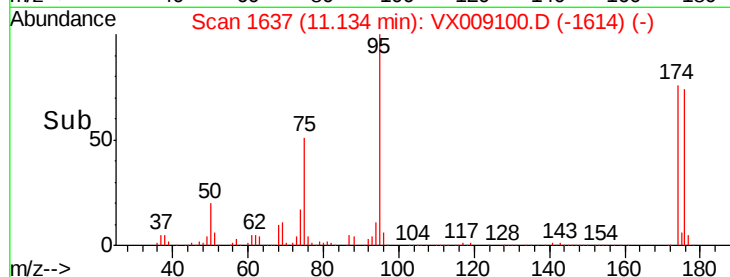
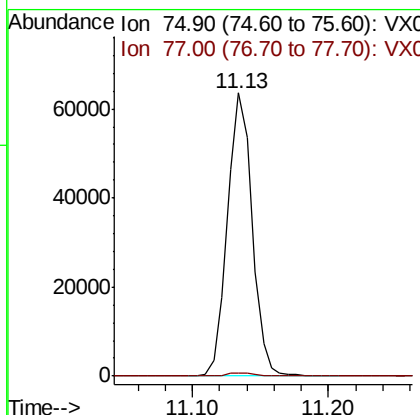
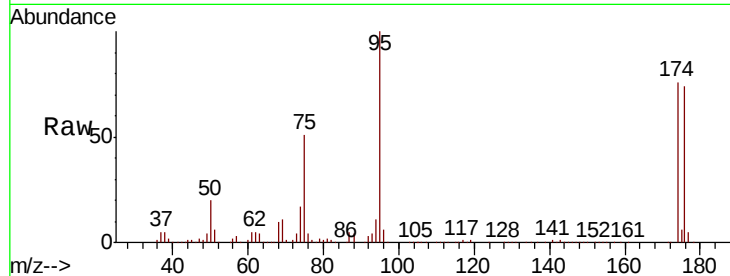




#76
 1,2,3-Trichloropropane
 Concen: 23.785 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX009100.D
 Acq: 22 Apr 2019 16:22

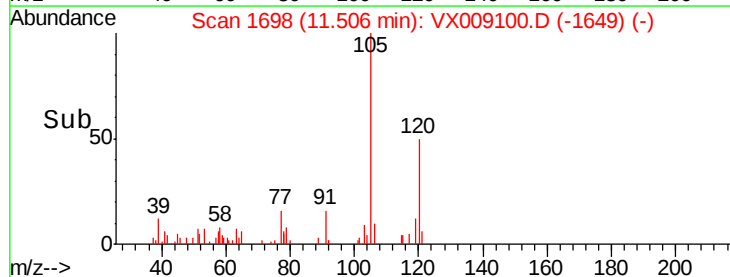
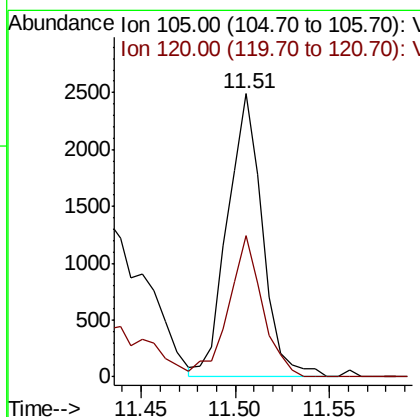
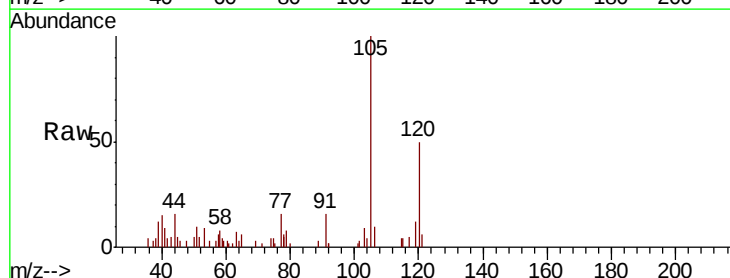
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-12

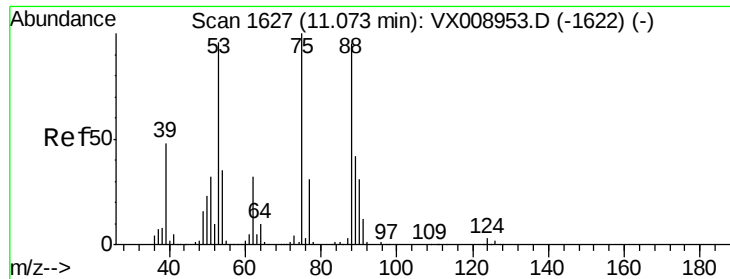
Tot Ion: 75 Resp: 80291
 Ion Ratio Lower Upper
 75 100
 77 1.5 22.7 68.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.365 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009100.D
 Acq: 22 Apr 2019 16:22

Tgt Ion: 105 Resp: 3210
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 61.061 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009100.D

Acq: 22 Apr 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

TP-12

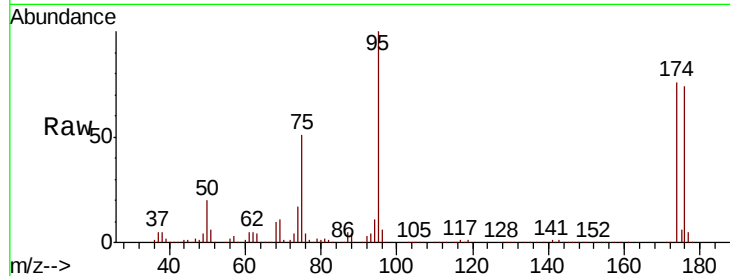
Tot Ion: 75 Resp: 80291

Ion Ratio Lower Upper

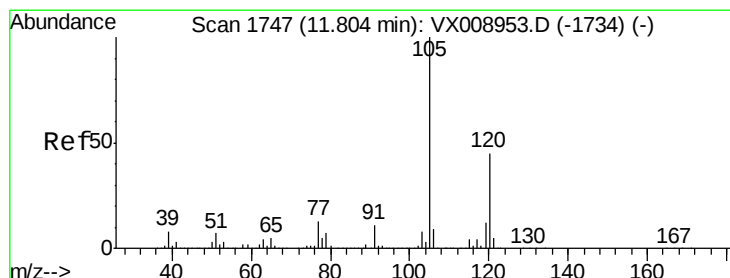
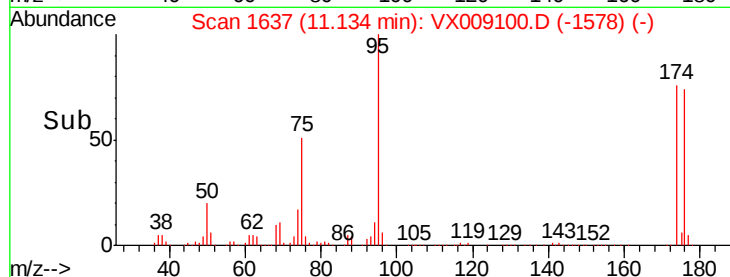
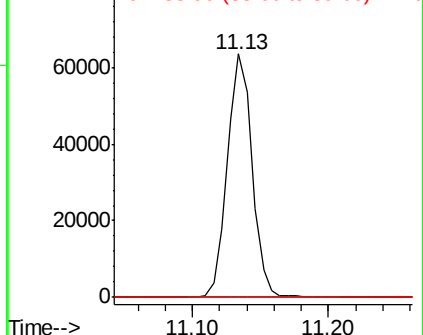
75 100

53 0.0 78.2 117.4#

89 0.0 36.0 54.0#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.583 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009100.D

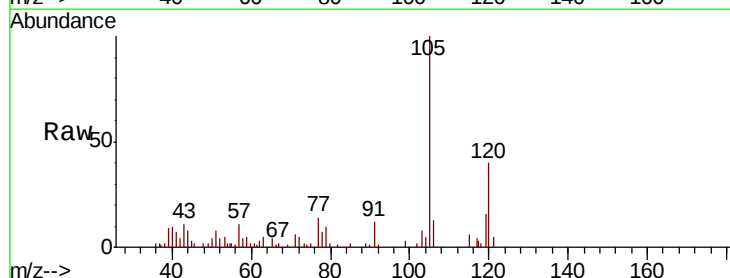
Acq: 22 Apr 2019 16:22

Tgt Ion:105 Resp: 5221

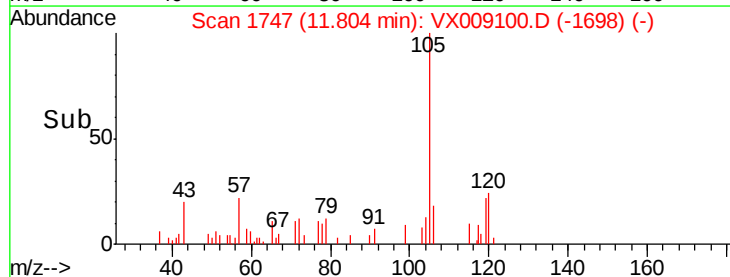
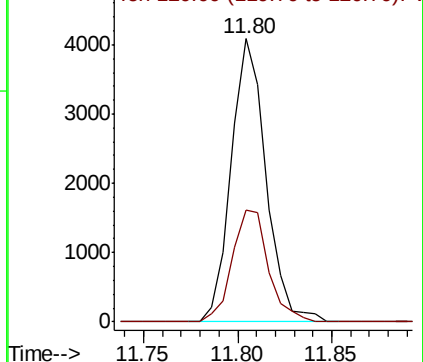
Ion Ratio Lower Upper

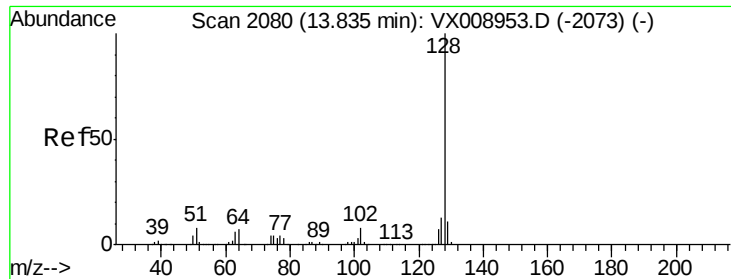
105 100

120 41.3 21.9 65.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 0.959 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009100.D
Acq: 22 Apr 2019 16:22

Instrument :
MSVOA_X
ClientSampleId :
TP-12

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	13.0	8.6	13.0

