

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008270.D
 Acq On : 21 Mar 2019 03:41
 Operator : JC/SP
 Sample : K1912-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T4-OZ(POST-HYPO)

Quant Time: Mar 22 05:41:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	61079	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	6.84	114	29062	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.11	117	116143	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92928	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	2170	2.36	ug/l	-0.04
Spiked Amount			Recovery	=	4.72%	
35) Dibromofluoromethane	5.46	113	1000	5.14	ug/l	-0.04
Spiked Amount			Recovery	=	10.28%	
50) Toluene-d8	8.71	98	136961	185.68	ug/l	0.00
Spiked Amount			Recovery	=	371.36%	
62) 4-Bromofluorobenzene	11.13	95	85425	336.35	ug/l	0.00
Spiked Amount			Recovery	=	672.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	538	0.727	ug/l #	1
4) Vinyl Chloride	1.52	62	285	0.308	ug/l #	1
5) Bromomethane	1.63	94	1470	1.863	ug/l #	68
8) Diethyl Ether	2.18	74	223	0.367	ug/l	97
10) Methyl Iodide	2.49	142	6409	6.412	ug/l	98
11) Tert butyl alcohol	3.06	59	112	0.569	ug/l #	1
13) Acrolein	2.26	56	58	Below Cal	#	1
15) Acrylonitrile	3.12	53	209	0.401	ug/l #	32
16) Acetone	2.41	43	476	0.912	ug/l #	38
17) Carbon Disulfide	2.51	76	148	0.736	ug/l #	75
25) 2-Butanone	4.64	43	291	0.378	ug/l #	1
28) Bromochloromethane	4.98	49	362	0.496	ug/l #	9
29) Tetrahydrofuran	5.09	42	227	0.471	ug/l #	67
36) 1,1-Dichloropropene	5.77	75	184	0.544	ug/l #	47
37) Ethyl Acetate	4.81	43	108	0.270	ug/l #	1
38) Carbon Tetrachloride	5.62	117	6019	19.965	ug/l #	16
41) Methacrylonitrile	5.04	41	50	0.223	ug/l #	1
42) 1,2-Dichloroethane	6.13	62	368	1.003	ug/l	97
43) Isopropyl Acetate	6.39	43	385	0.601	ug/l #	46
44) Trichloroethene	7.20	130	92	0.376	ug/l	3
45) 1,2-Dichloropropane	7.46	63	195	0.696	ug/l #	44
46) Dibromomethane	7.66	93	148	0.872	ug/l #	23
47) Bromodichloromethane	7.90	83	134	0.414	ug/l #	26
48) Methyl methacrylate	7.76	41	187	0.549	ug/l	92
49) 1,4-Dioxane	7.73	88	40	6.649	ug/l #	1
51) 4-Methyl-2-Pentanone	8.37	43	350	0.844	ug/l	100
53) t-1,3-Dichloropropene	8.99	75	101	1.665	ug/l #	43
54) cis-1,3-Dichloropropene	8.42	75	92	0.229	ug/l #	72
56) Ethyl methacrylate	9.12	69	263	1.144	ug/l #	1
57) 1,3-Dichloropropane	9.38	76	152	0.358	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.27	63	64	0.325	ug/l #	1
59) 2-Hexanone	9.58	43	152	0.476	ug/l	83
60) Dibromochloromethane	9.50	129	61	0.264	ug/l	97
71) Bromoform	10.60	173	84	2.296	ug/l #	29

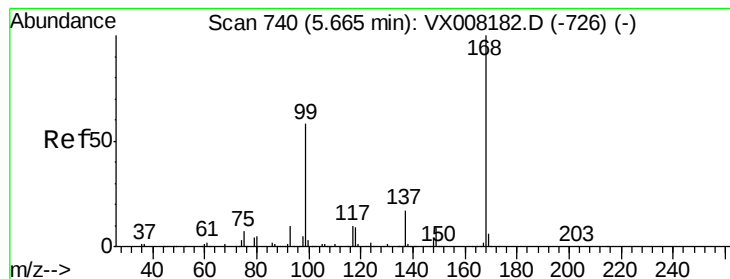
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
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Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.13	75	44852	17.160	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	44852	43.926	ug/l #	12

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 733

Delta R.T. -0.04 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

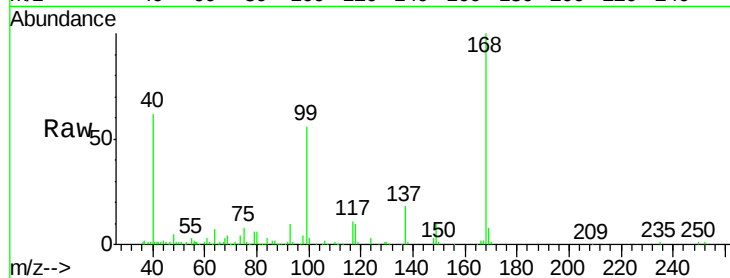
M3-T4-OZ(POST-HYPO)

Tot Ion:168 Resp: 61079

Ion Ratio Lower Upper

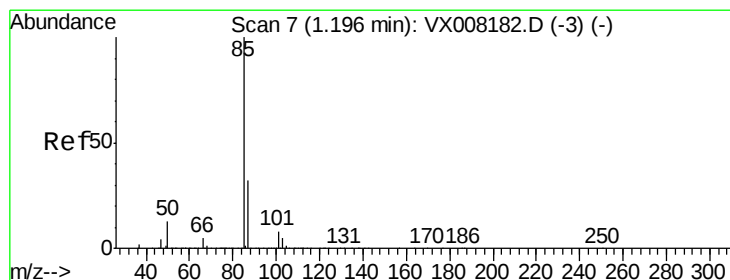
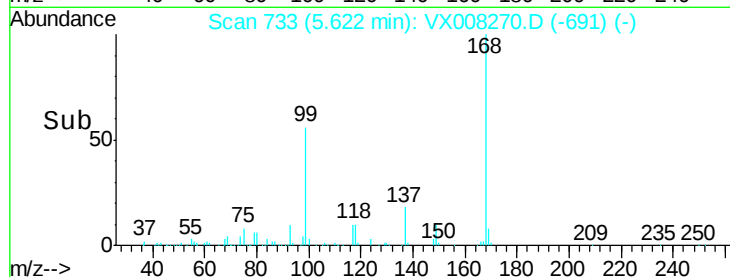
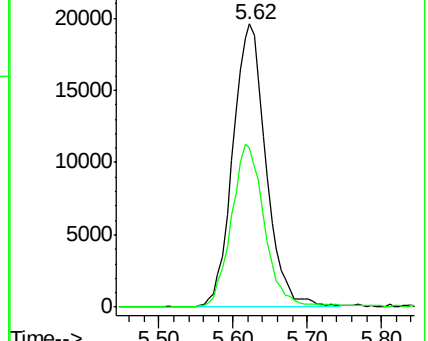
168 100

99 56.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.727 ug/l

RT: 1.18 min Scan# 4

Delta R.T. -0.02 min

Lab File: VX008270.D

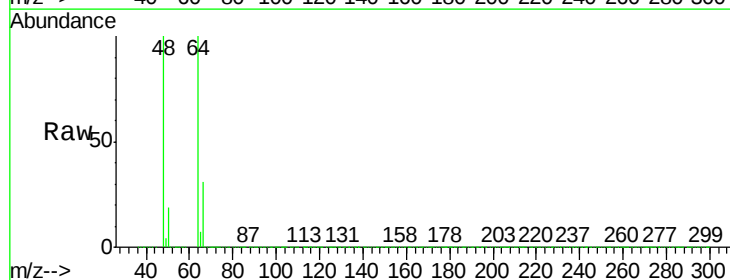
Acq: 21 Mar 2019 03:41

Tgt Ion: 85 Resp: 538

Ion Ratio Lower Upper

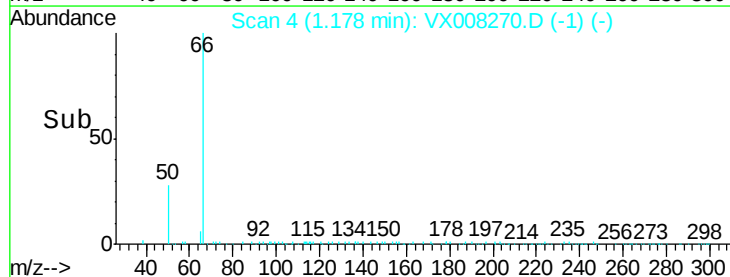
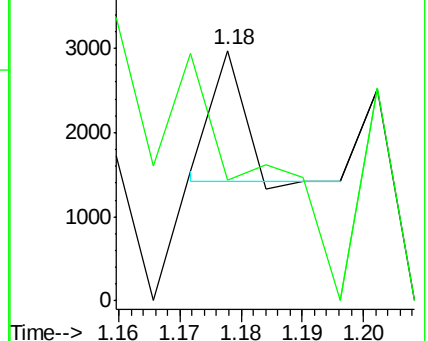
85 100

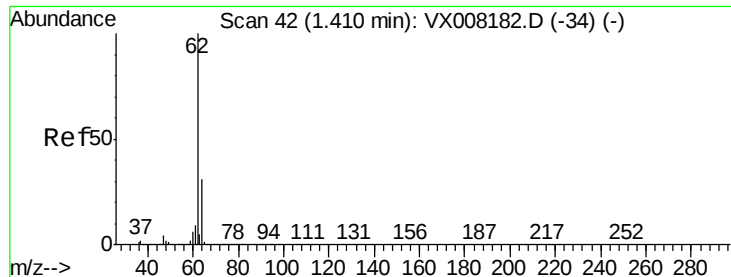
87 100.2 16.4 49.1#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#4

Vinyl Chloride

Concen: 0.308 ug/l

RT: 1.52 min Scan# 60

Delta R.T. 0.11 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

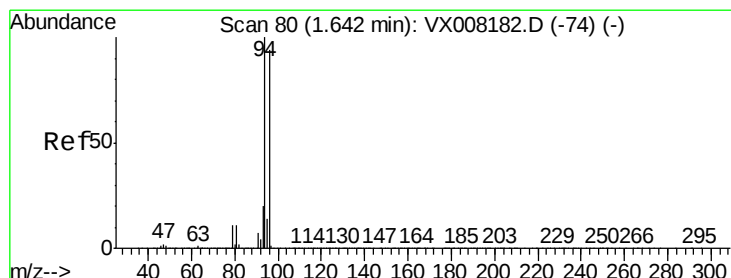
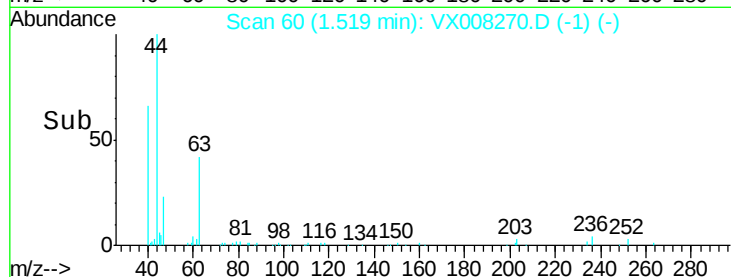
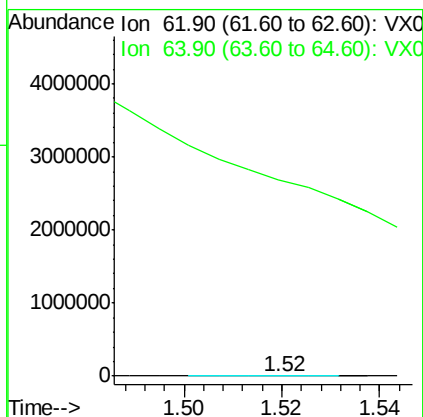
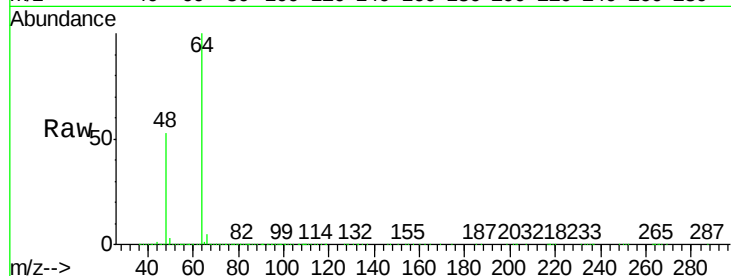
M3-T4-OZ(POST-HYPO)

Tot Ion: 62 Resp: 285

Ion Ratio Lower Upper

62 100

64 68136.4 25.3 37.9#



#5

Bromomethane

Concen: 1.863 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.01 min

Lab File: VX008270.D

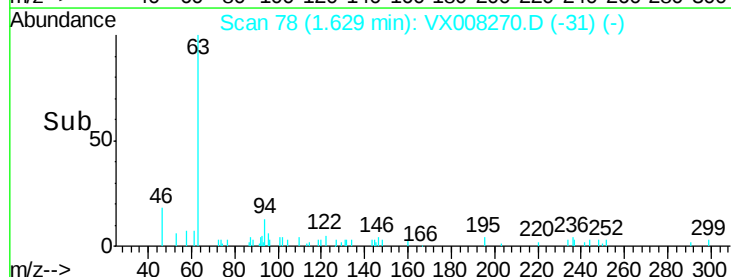
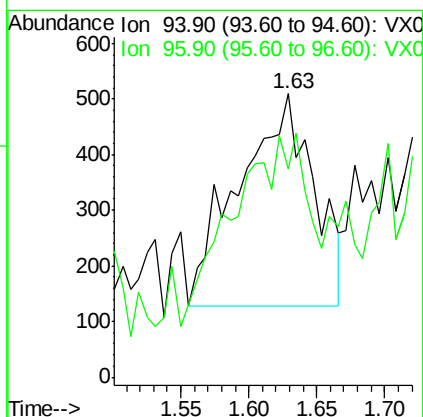
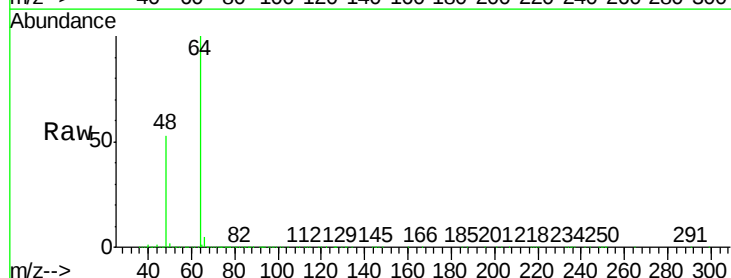
Acq: 21 Mar 2019 03:41

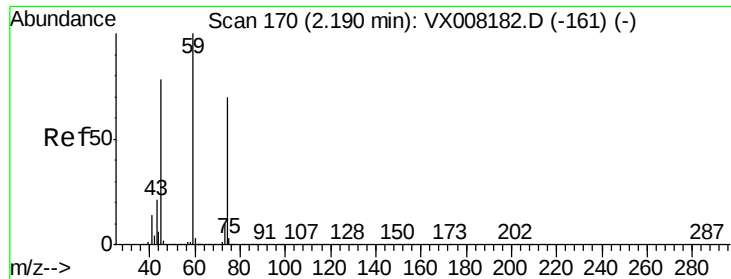
Tgt Ion: 94 Resp: 1470

Ion Ratio Lower Upper

94 100

96 63.6 75.5 113.3#





#8

Diethyl Ether

Concen: 0.367 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.01 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

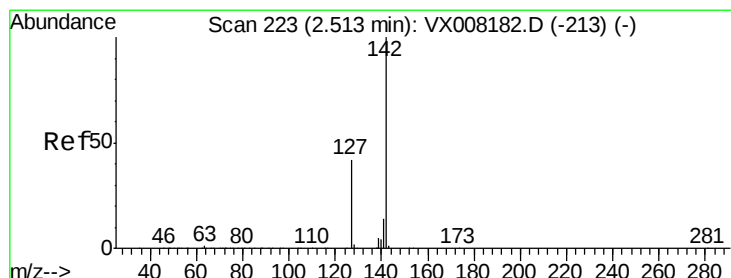
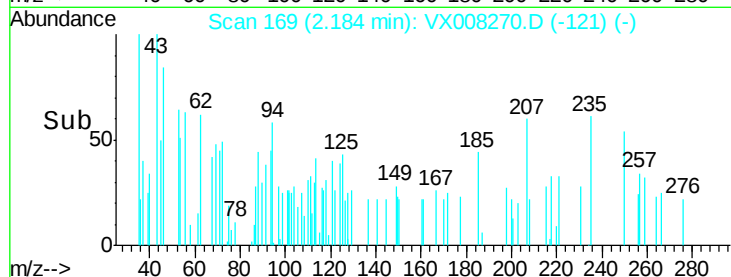
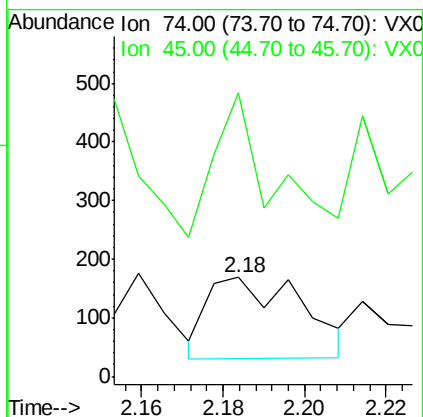
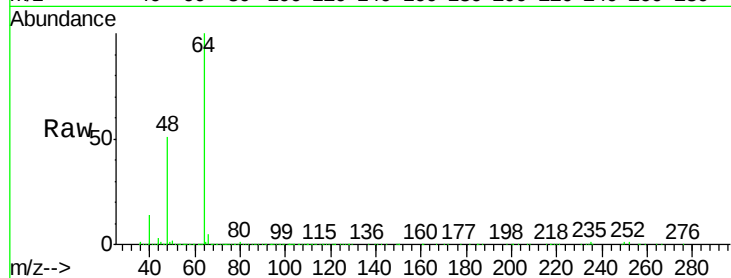
M3-T4-OZ(POST-HYPO)

Tot Ion: 74 Resp: 223

Ion Ratio Lower Upper

74 100

45 100.9 52.1 156.4



#10

Methyl Iodide

Concen: 6.412 ug/l

RT: 2.49 min Scan# 219

Delta R.T. -0.02 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

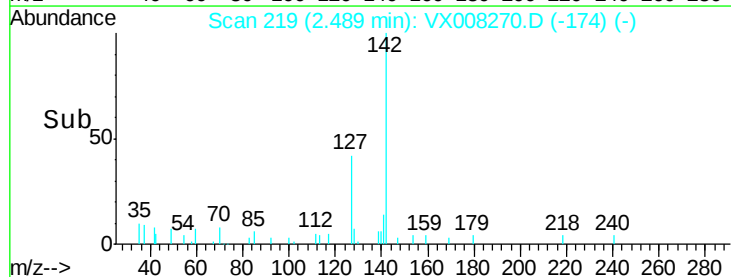
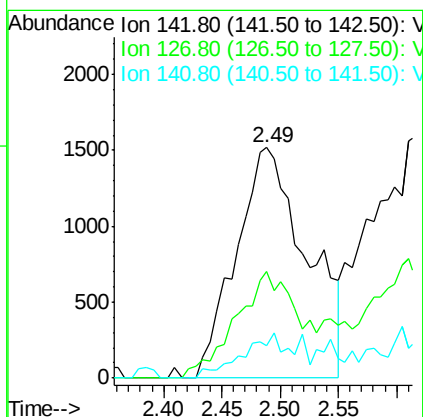
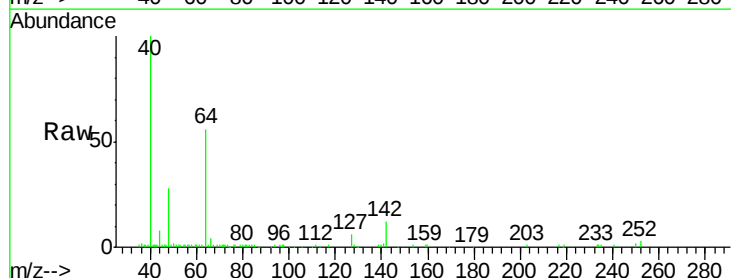
Tgt Ion:142 Resp: 6409

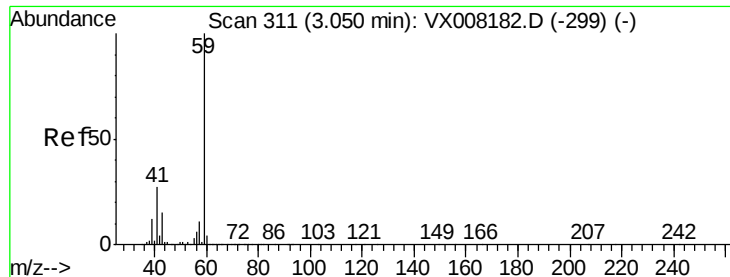
Ion Ratio Lower Upper

142 100

127 40.7 32.1 48.1

141 12.4 11.4 17.2



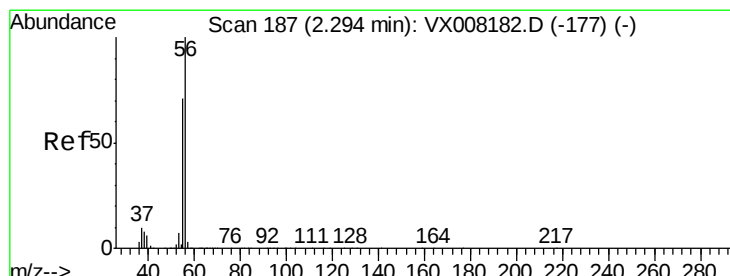
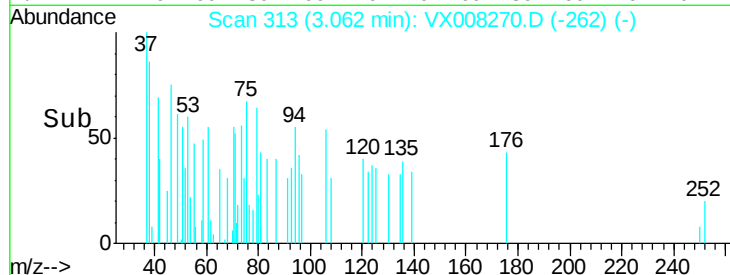
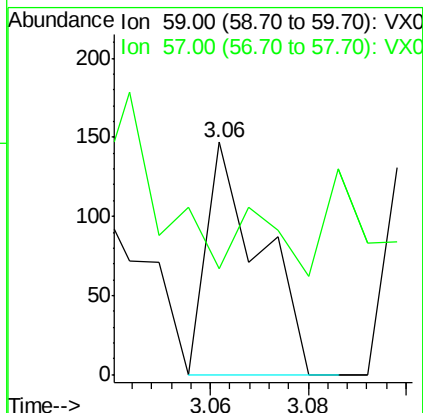
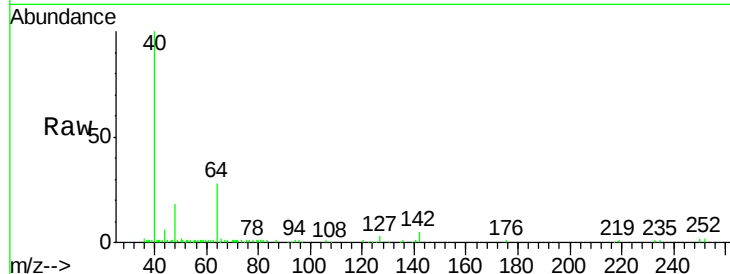


#11

Tert butyl alcohol
Concen: 0.569 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX008270.D
Acq: 21 Mar 2019 03:41

Instrument :
MSVOA_X
ClientSampleId :
M3-T4-OZ(POST-HYPO)

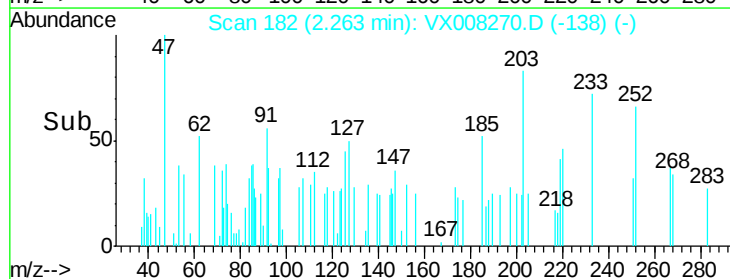
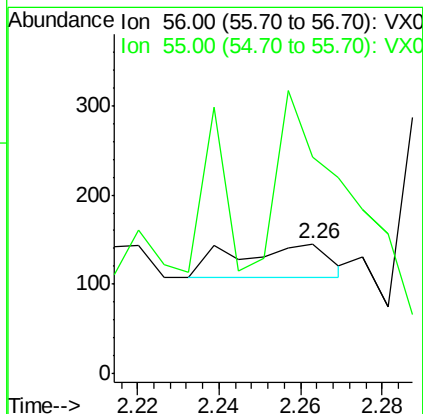
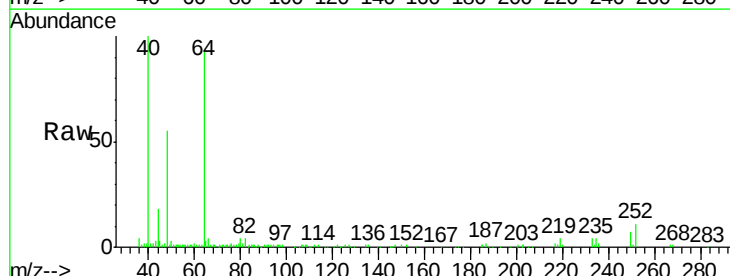
Tot Ion: 59 Resp: 112
Ion Ratio Lower Upper
59 100
57 73.2 8.2 12.2#

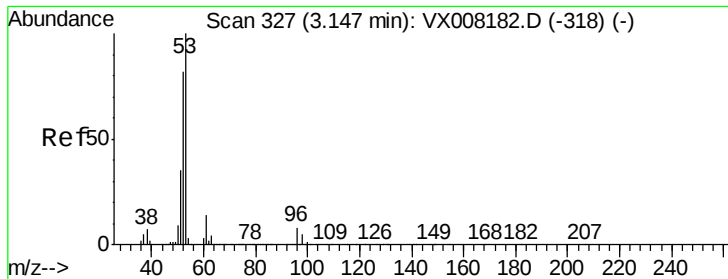


#13

Acrolein
Concen: Below Cal
RT: 2.26 min Scan# 182
Delta R.T. -0.03 min
Lab File: VX008270.D
Acq: 21 Mar 2019 03:41

Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 532.8 57.8 86.6#





#15

Acrylonitrile

Concen: 0.401 ug/l

RT: 3.12 min Scan# 322

Delta R.T. -0.03 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-OZ(POST-HYPO)

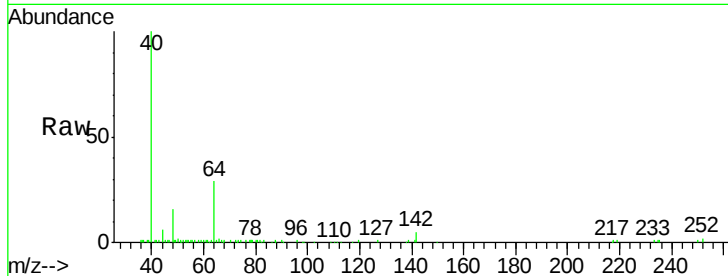
Tot Ion: 53 Resp: 209

Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

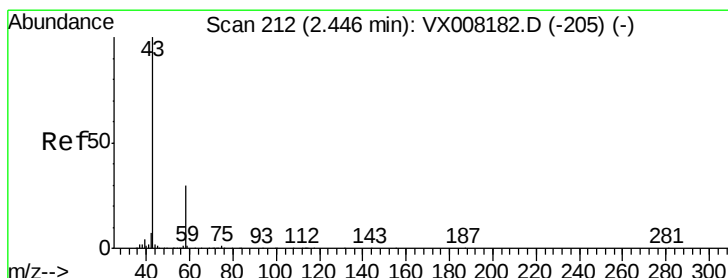
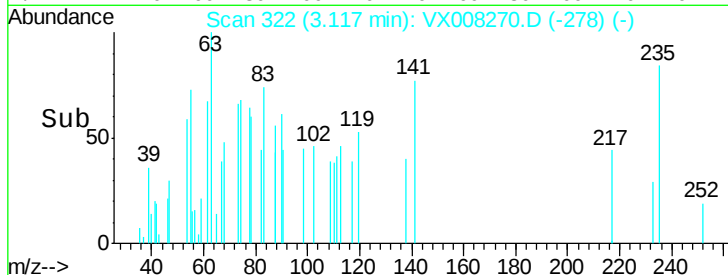
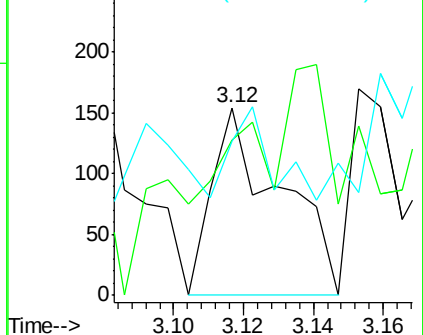
51 41.1 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.912 ug/l

RT: 2.41 min Scan# 206

Delta R.T. -0.04 min

Lab File: VX008270.D

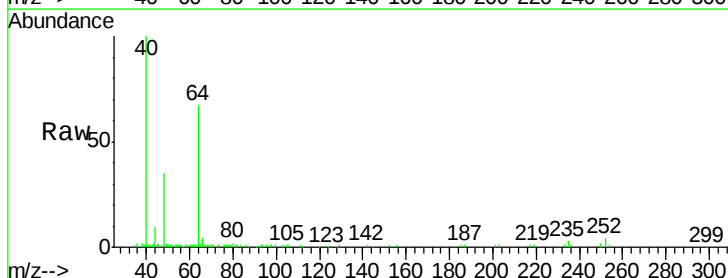
Acq: 21 Mar 2019 03:41

Tgt Ion: 43 Resp: 476

Ion Ratio Lower Upper

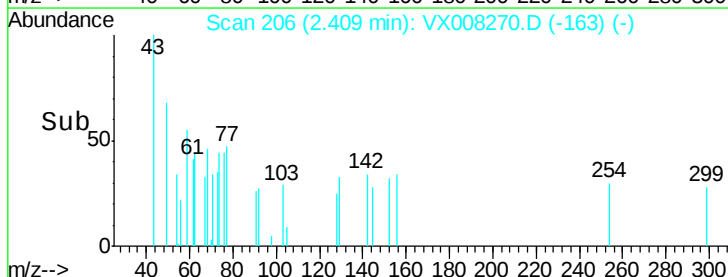
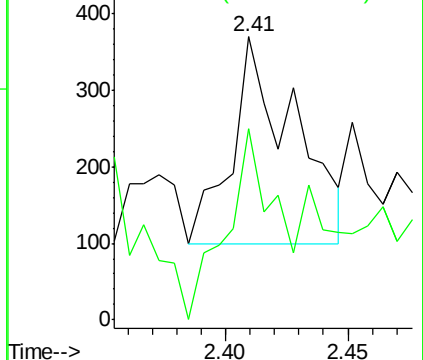
43 100

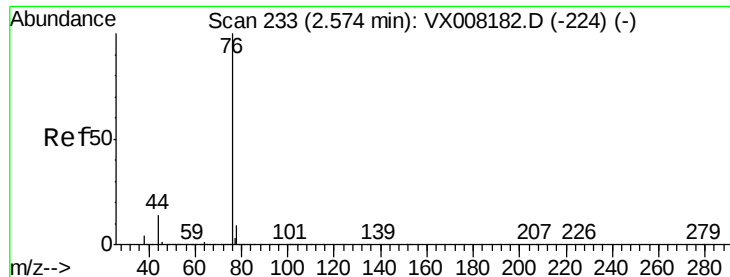
58 66.2 25.5 38.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.736 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.06 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

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ClientSampleId :

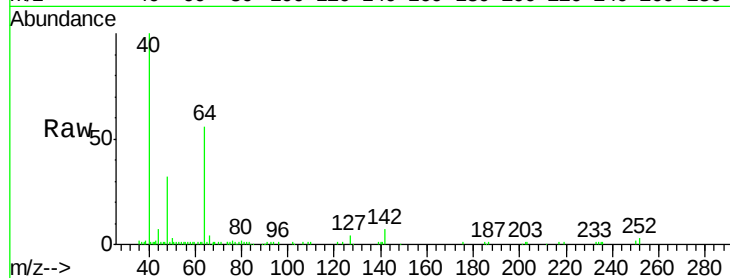
M3-T4-OZ(POST-HYPO)

Tot Ion: 76 Resp: 148

Ion Ratio Lower Upper

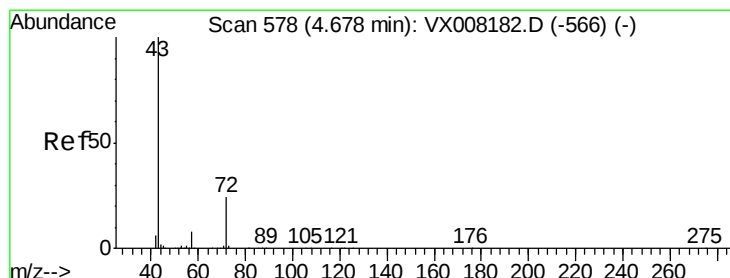
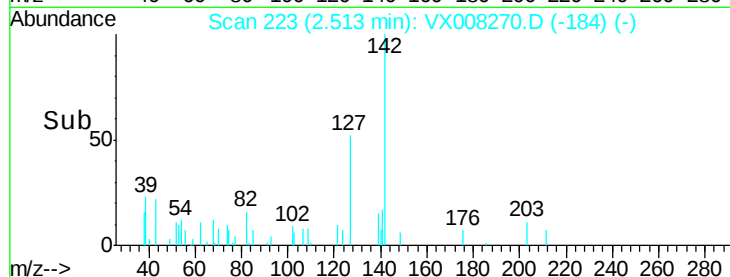
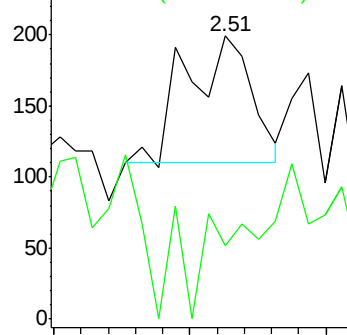
76 100

78 0.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#25

2-Butanone

Concen: 0.378 ug/l

RT: 4.64 min Scan# 572

Delta R.T. -0.04 min

Lab File: VX008270.D

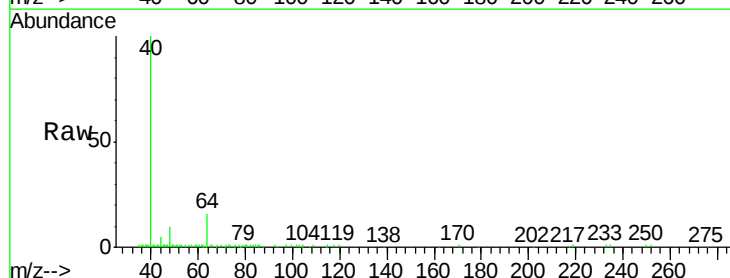
Acq: 21 Mar 2019 03:41

Tgt Ion: 43 Resp: 291

Ion Ratio Lower Upper

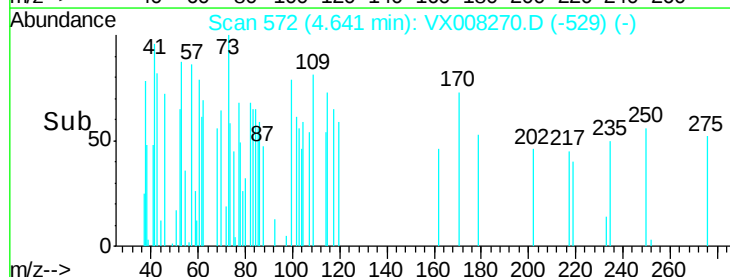
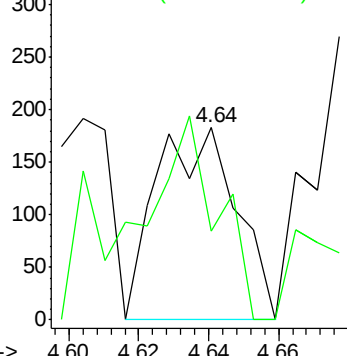
43 100

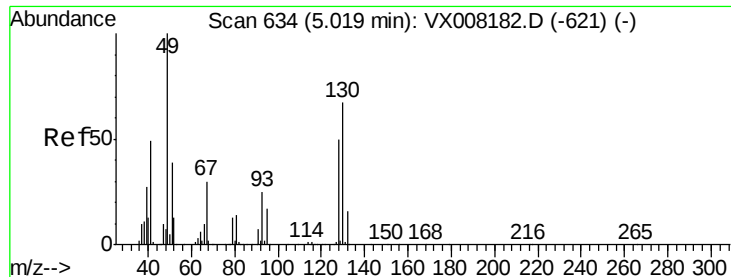
72 107.7 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: 0.496 ug/l

RT: 4.98 min Scan# 628

Delta R.T. -0.04 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-OZ(POST-HYPO)

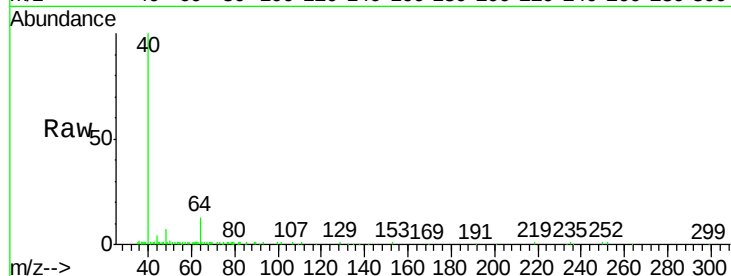
Tot Ion: 49 Resp: 362

Ion Ratio Lower Upper

49 100

129 26.8 0.0 4.0#

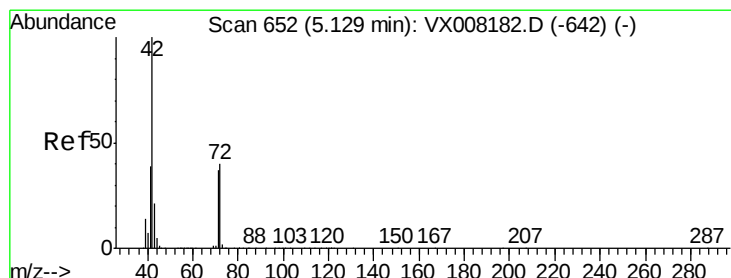
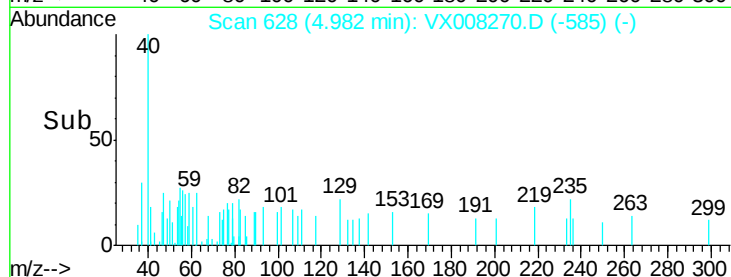
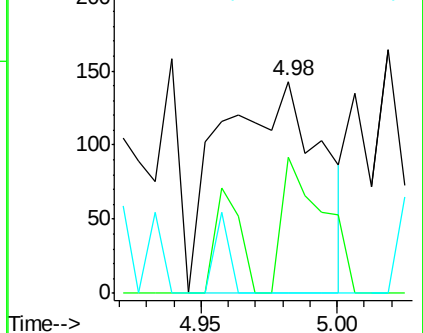
130 0.0 65.0 97.4#



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: 0.471 ug/l

RT: 5.09 min Scan# 646

Delta R.T. -0.04 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

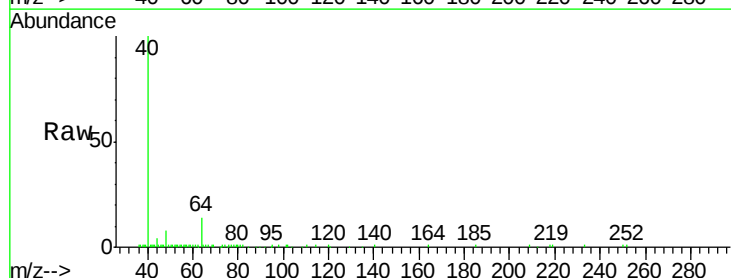
Tgt Ion: 42 Resp: 227

Ion Ratio Lower Upper

42 100

72 69.2 33.8 50.6#

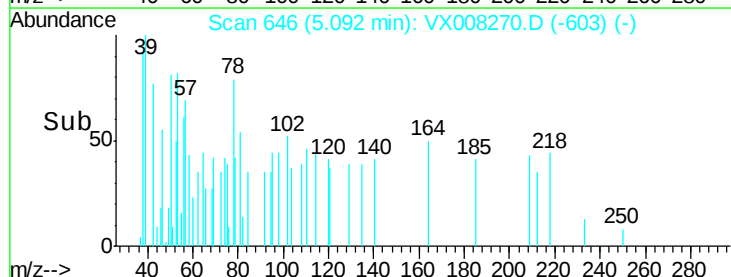
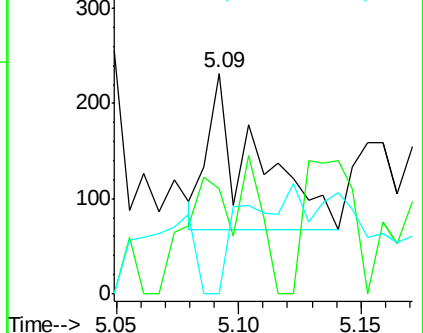
71 53.7 31.5 47.3#

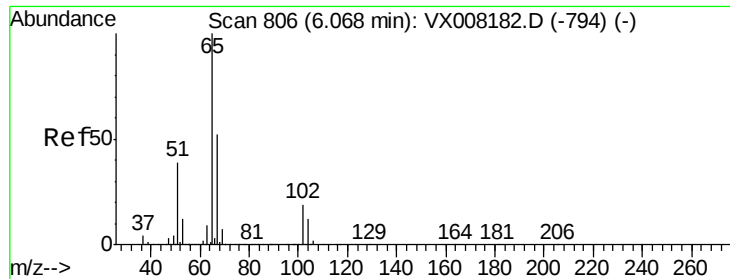


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 2.359 ug/l

RT: 6.02 min Scan# 799

Delta R.T. -0.04 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

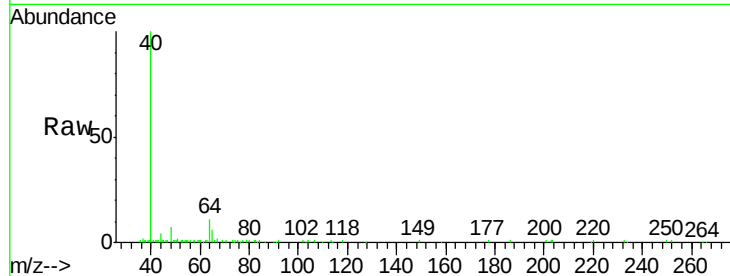
M3-T4-OZ(POST-HYPO)

Tot Ion: 65 Resp: 2170

Ion Ratio Lower Upper

65 100

67 59.4 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.02

600

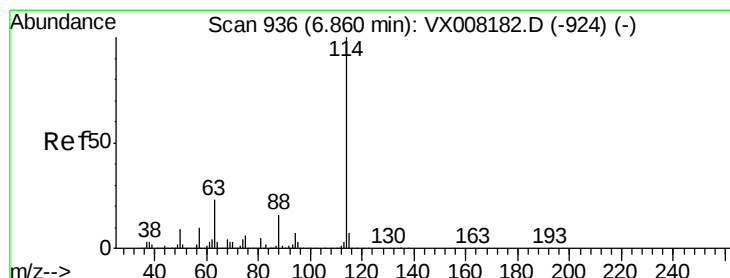
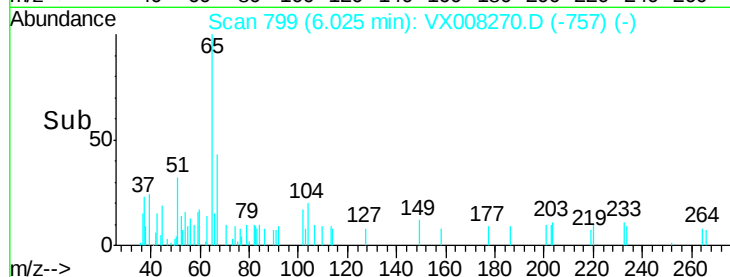
400

200

0

5.95 6.00 6.05 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 932

Delta R.T. -0.02 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

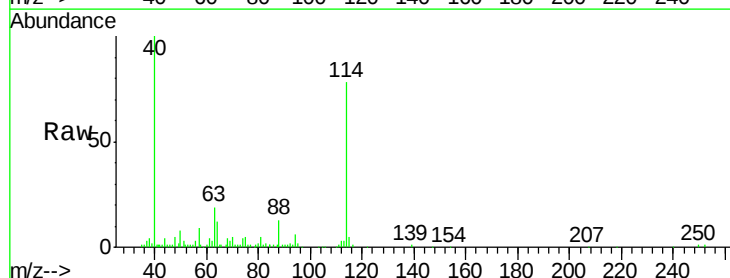
Tgt Ion:114 Resp: 29062

Ion Ratio Lower Upper

114 100

63 24.0 0.0 39.8

88 16.2 0.0 31.4



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

6.84

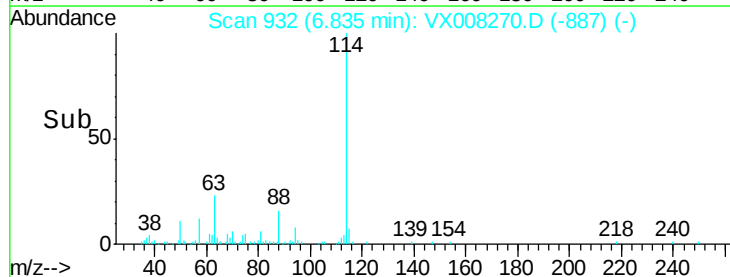
10000

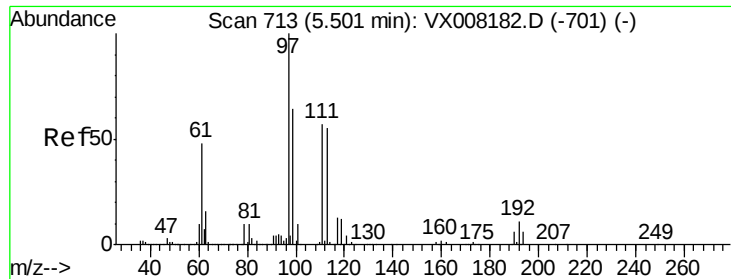
5000

0

6.70 6.80 6.90 7.00

Time-->

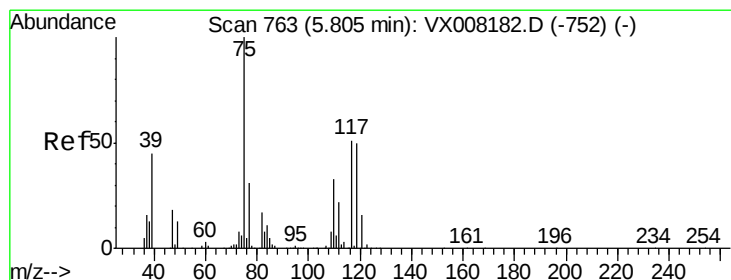
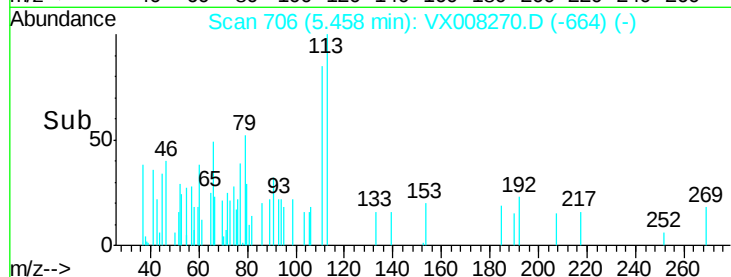
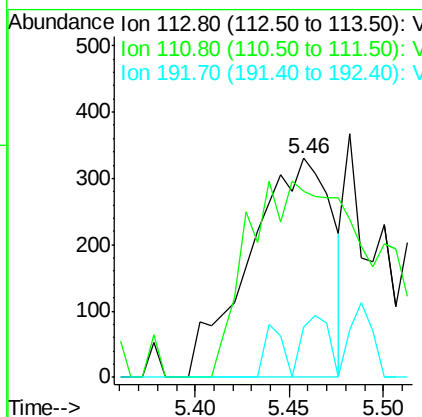
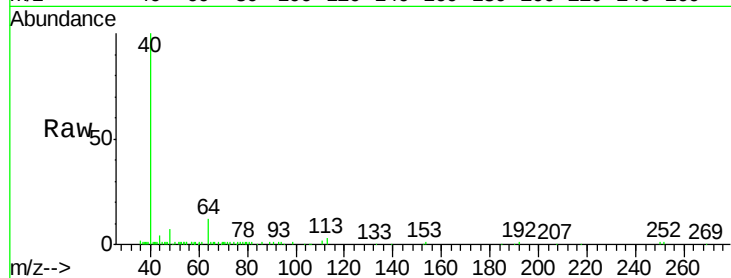




#35
 Dibromofluoromethane
 Concen: 5.140 ug/l
 RT: 5.46 min Scan# 706
 Delta R.T. -0.04 min
 Lab File: VX008270.D
 Acq: 21 Mar 2019 03:41

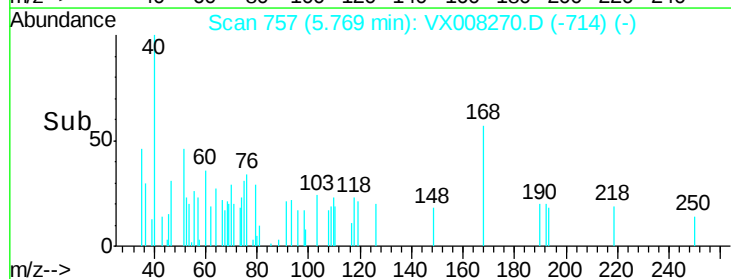
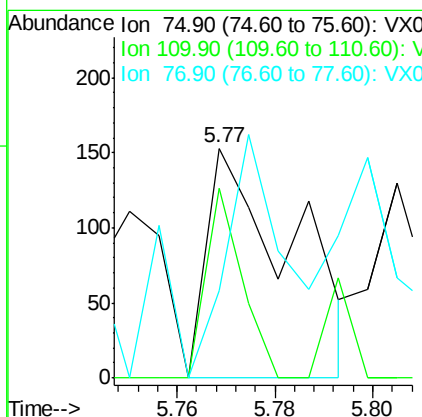
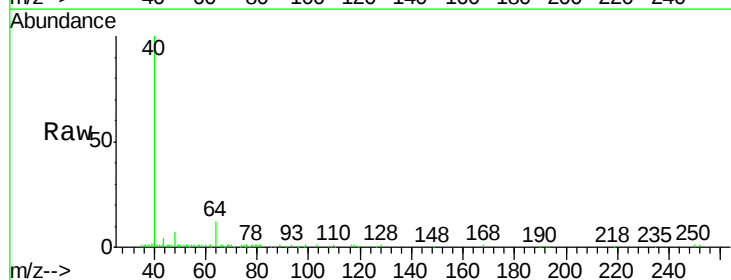
Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T4-OZ(POST-HYPO)

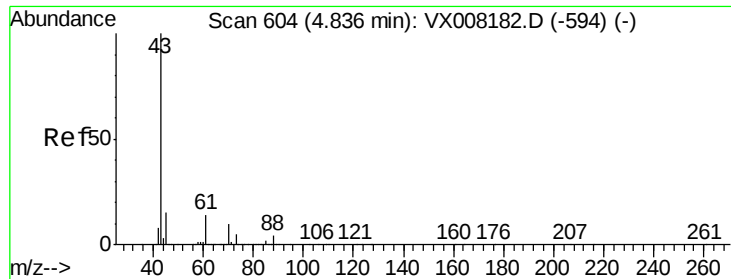
Tot Ion	Ratio	Lower	Upper
113	100		
111	0.0	81.4	122.0#
192	9.2	19.4	29.0#



#36
 1,1-Dichloropropene
 Concen: 0.544 ug/l
 RT: 5.77 min Scan# 757
 Delta R.T. -0.04 min
 Lab File: VX008270.D
 Acq: 21 Mar 2019 03:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	18.4	55.0
77	92.4	25.0	37.4#





#37

Ethyl Acetate

Concen: 0.270 ug/l

RT: 4.81 min Scan# 600

Delta R.T. -0.02 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-OZ(POST-HYPO)

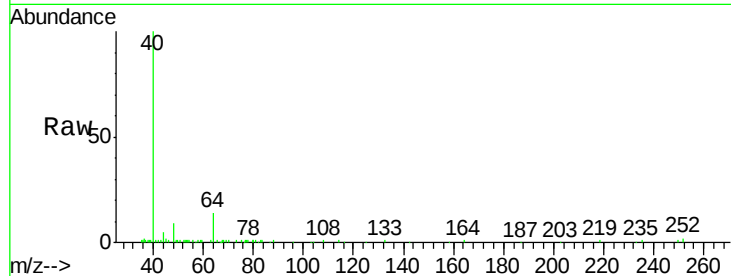
Tot Ion: 43 Resp: 108

Ion Ratio Lower Upper

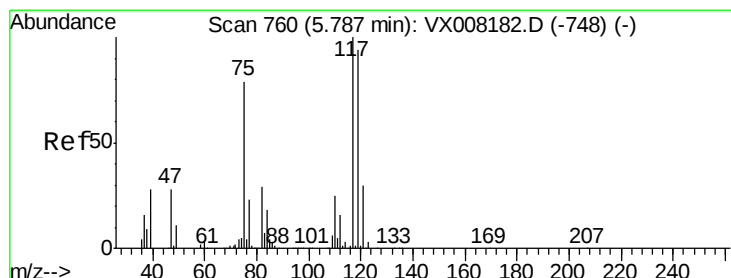
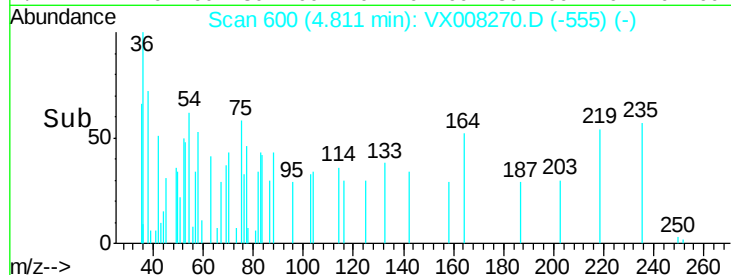
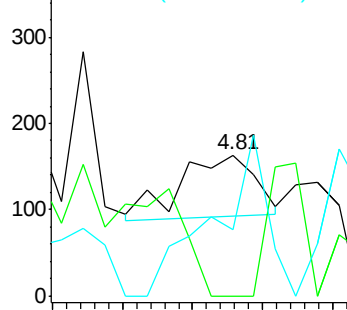
43 100

61 0.0 11.3 16.9#

70 182.4 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VX008182.D (-594) (-)



#38

Carbon Tetrachloride

Concen: 19.965 ug/l

RT: 5.62 min Scan# 733

Delta R.T. -0.16 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

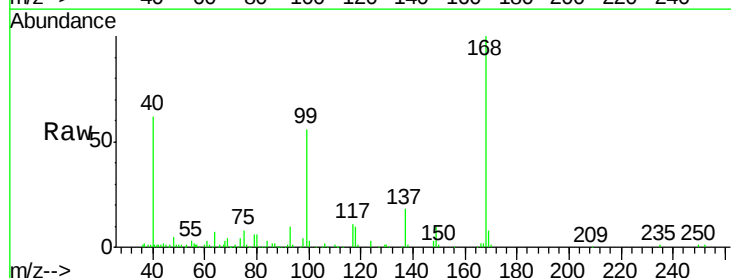
Tgt Ion: 117 Resp: 6019

Ion Ratio Lower Upper

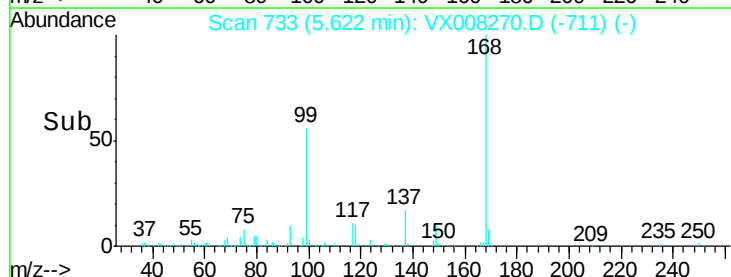
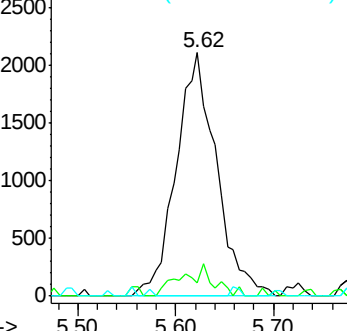
117 100

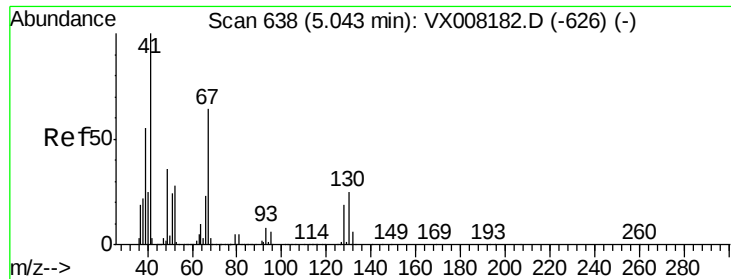
119 5.3 76.2 114.2#

121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): VX008182.D (-748) (-)

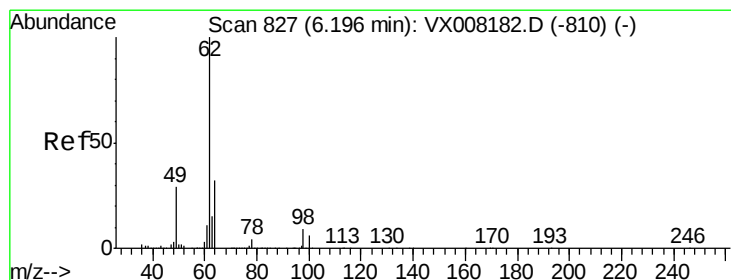
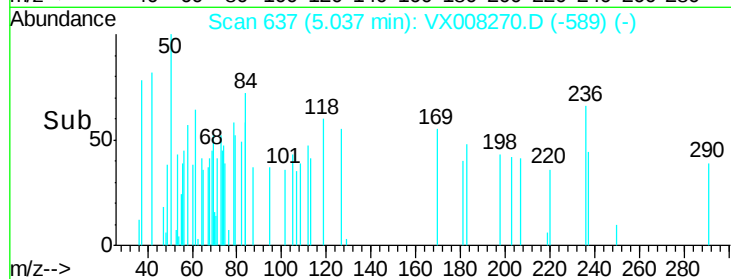
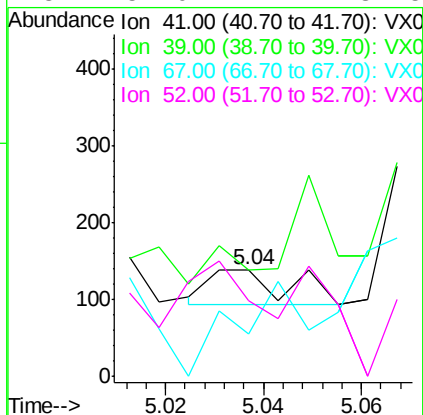
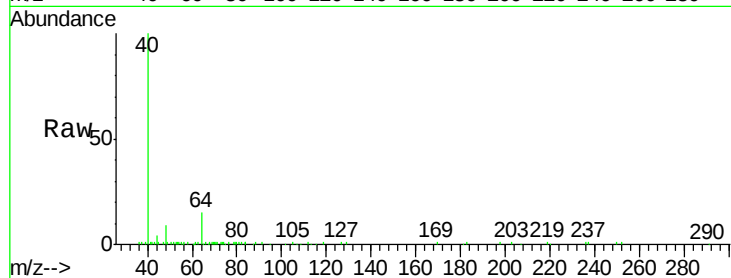




#41
Methacrylonitrile
Concen: 0.223 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008270.D
Acq: 21 Mar 2019 03:41

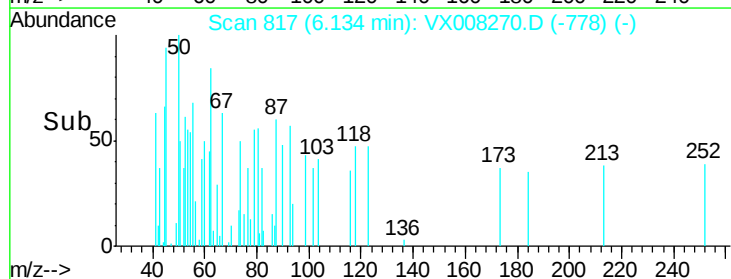
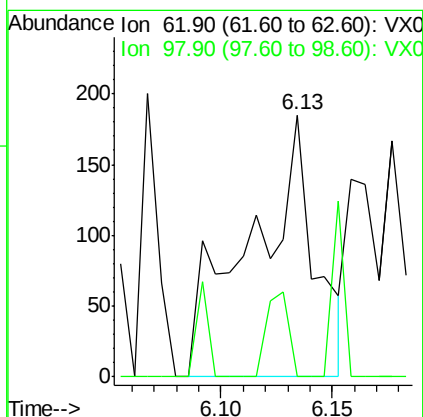
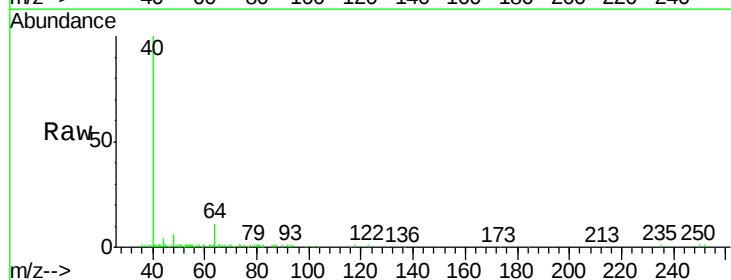
Instrument :
MSVOA_X
ClientSampleId :
M3-T4-OZ(POST-HYPO)

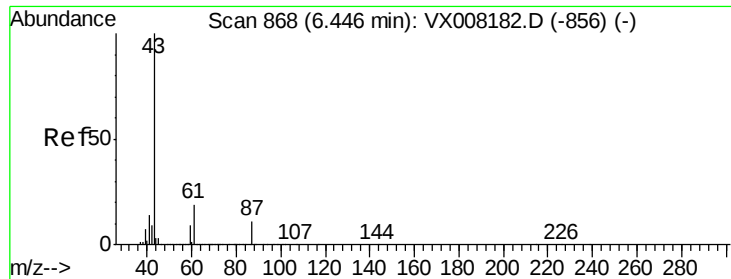
Tot Ion:	41	Resp:	50
Ion	Ratio	Lower	Upper
41	100		
39	236.0	41.6	62.4#
67	0.0	55.8	83.6#
52	452.0	21.7	32.5#



#42
1,2-Dichloroethane
Concen: 1.003 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.06 min
Lab File: VX008270.D
Acq: 21 Mar 2019 03:41

Tgt Ion:	62	Resp:	368
Ion	Ratio	Lower	Upper
62	100		
98	11.4	0.0	20.4





#43

Isopropyl Acetate

Concen: 0.601 ug/l

RT: 6.39 min Scan# 859

Delta R.T. -0.06 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-OZ(POST-HYPO)

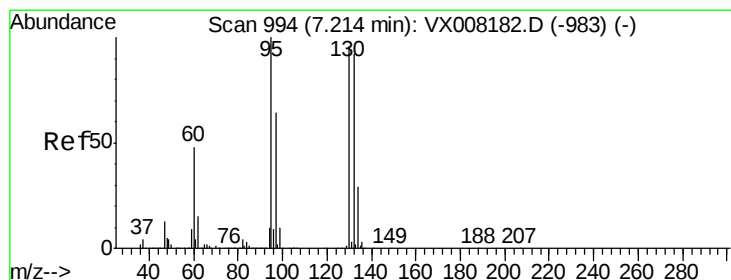
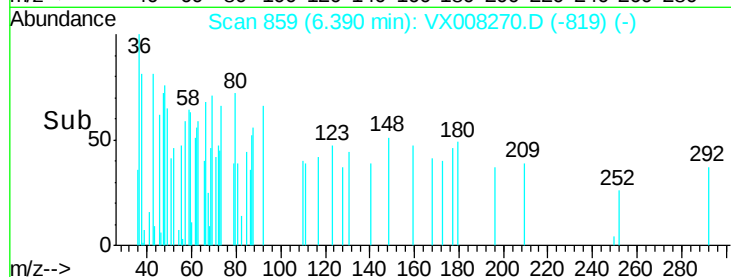
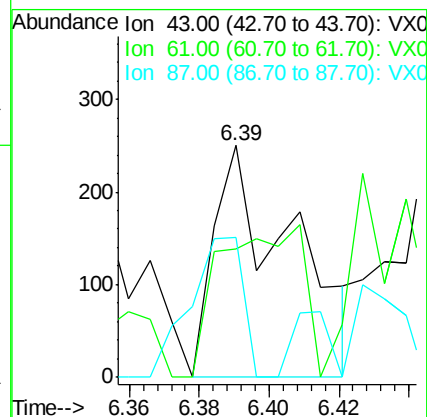
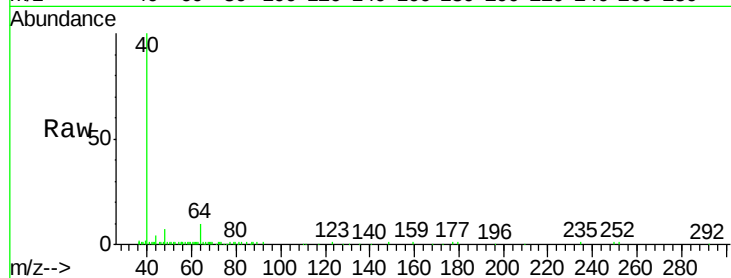
Tot Ion: 43 Resp: 385

Ion Ratio Lower Upper

43 100

61 0.0 16.3 24.5#

87 41.0 10.5 15.7#



#44

Trichloroethene

Concen: 0.376 ug/l

RT: 7.20 min Scan# 992

Delta R.T. -0.01 min

Lab File: VX008270.D

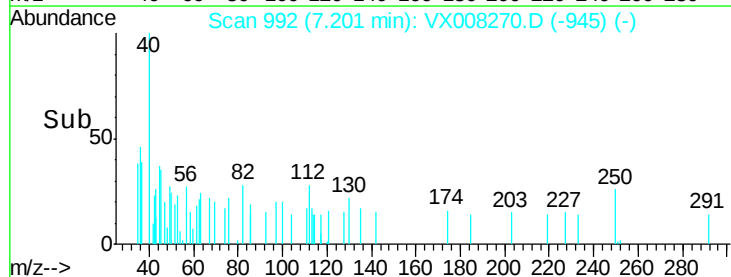
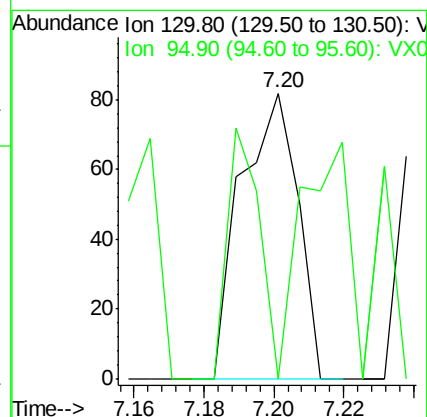
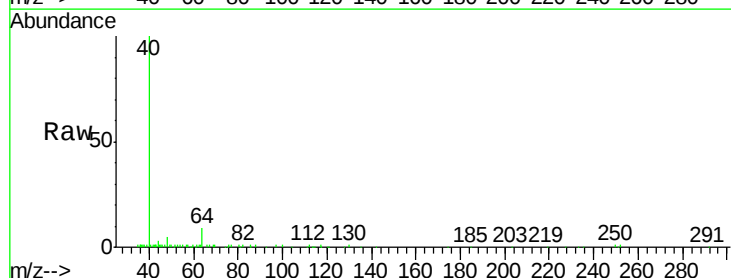
Acq: 21 Mar 2019 03:41

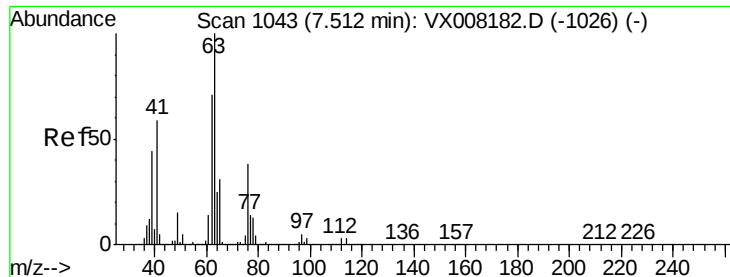
Tgt Ion: 130 Resp: 92

Ion Ratio Lower Upper

130 100

95 0.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 0.696 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.06 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

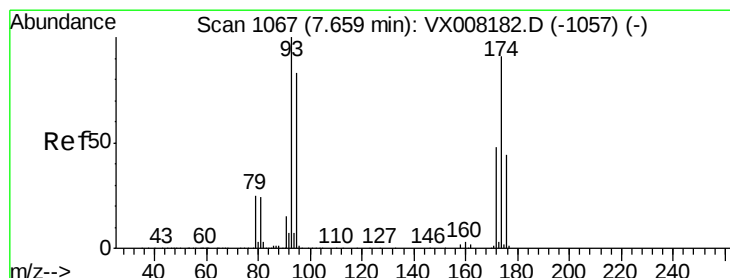
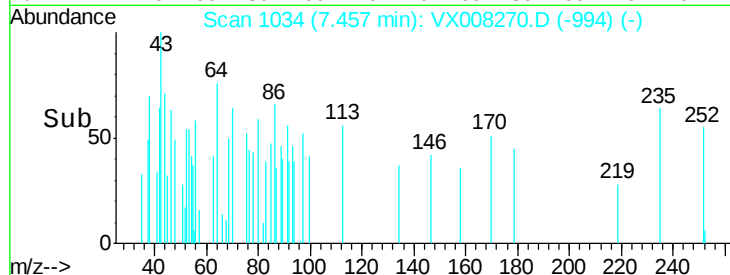
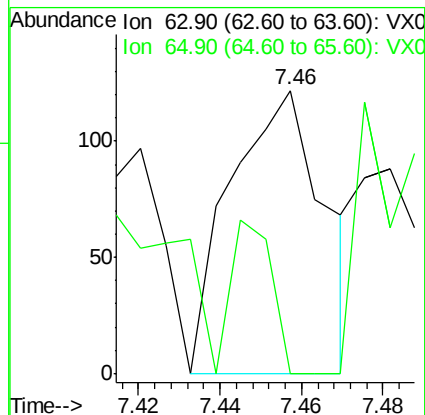
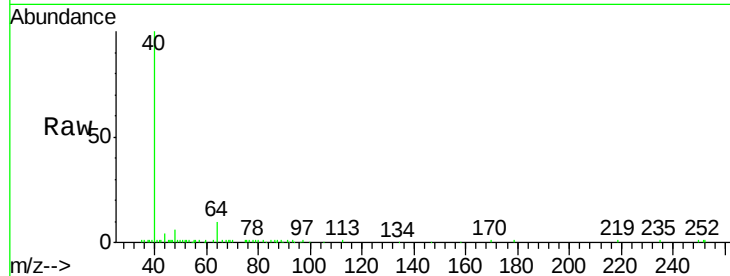
M3-T4-OZ(POST-HYPO)

Tot Ion: 63 Resp: 195

Ion Ratio Lower Upper

63 100

65 0.0 24.7 37.1#



#46

Dibromomethane

Concen: 0.872 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

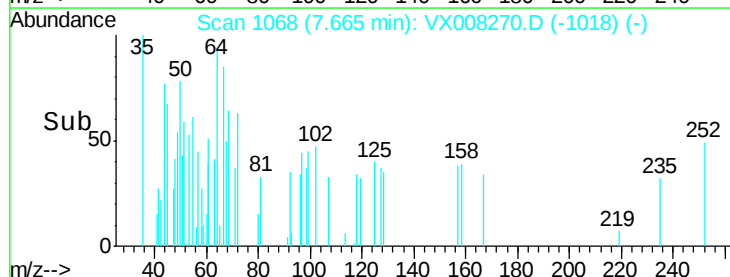
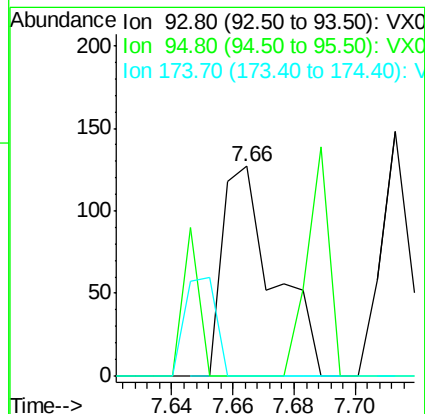
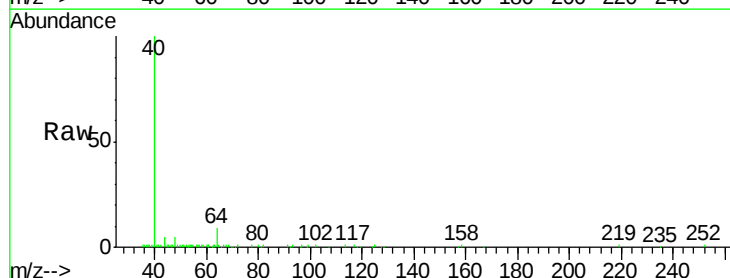
Tgt Ion: 93 Resp: 148

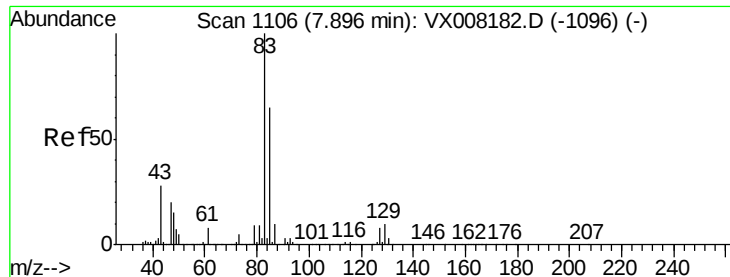
Ion Ratio Lower Upper

93 100

95 22.3 66.8 100.2#

174 29.1 97.3 145.9#





#47

Bromodichloromethane

Concen: 0.414 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-OZ(POST-HYPO)

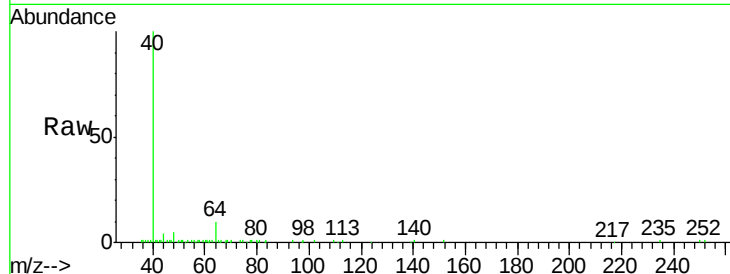
Tot Ion: 83 Resp: 134

Ion Ratio Lower Upper

83 100

85 0.0 50.9 76.3#

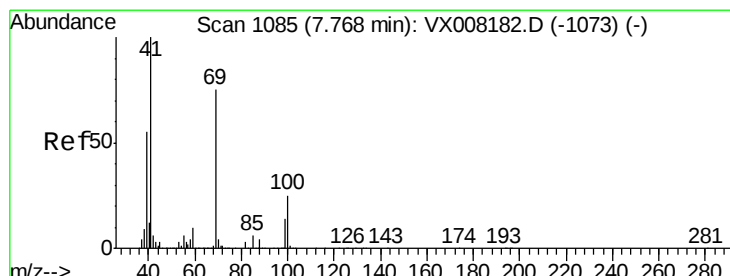
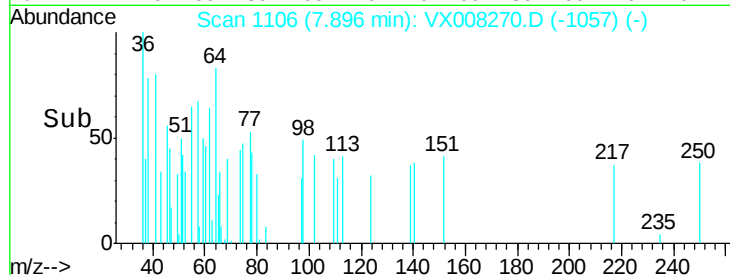
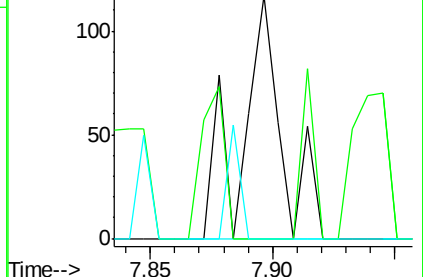
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.549 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

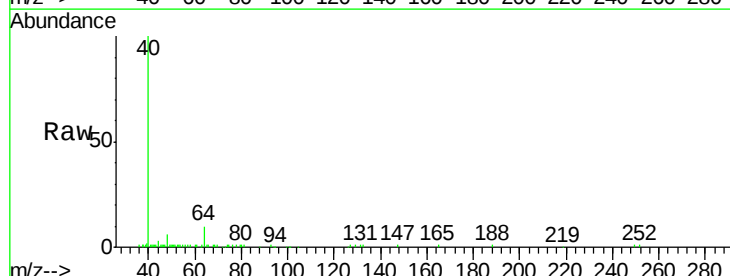
Tgt Ion: 41 Resp: 187

Ion Ratio Lower Upper

41 100

69 77.0 65.2 97.8

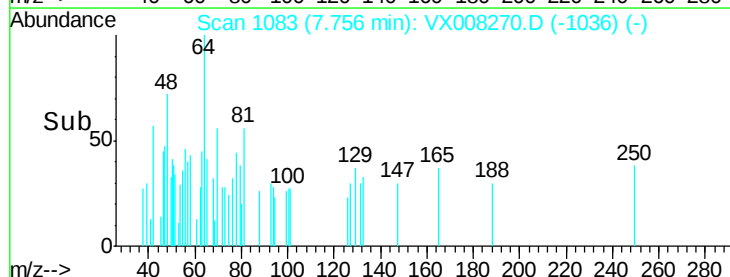
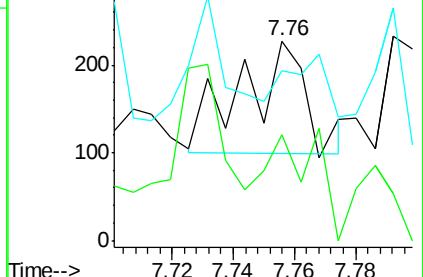
39 57.2 39.4 59.2

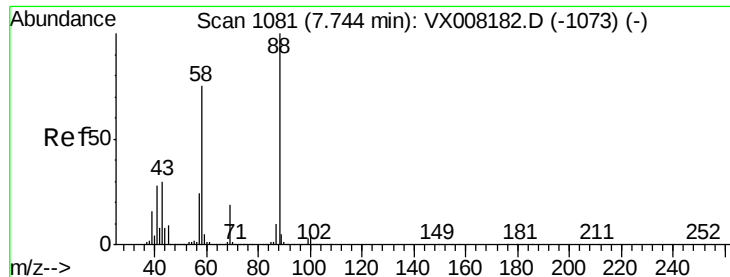


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 6.649 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-OZ(POST-HYPO)

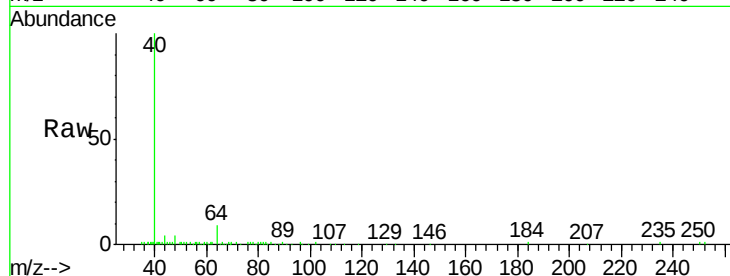
Tot Ion: 88 Resp: 40

Ion Ratio Lower Upper

88 100

43 350.0 25.1 37.7#

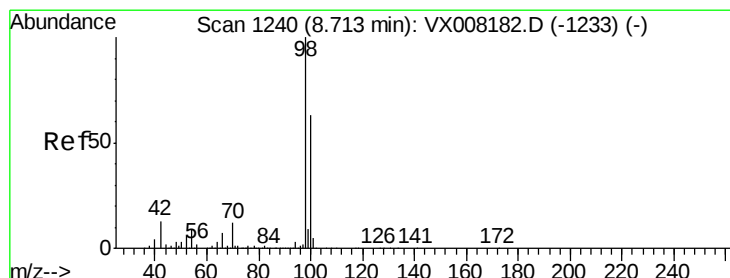
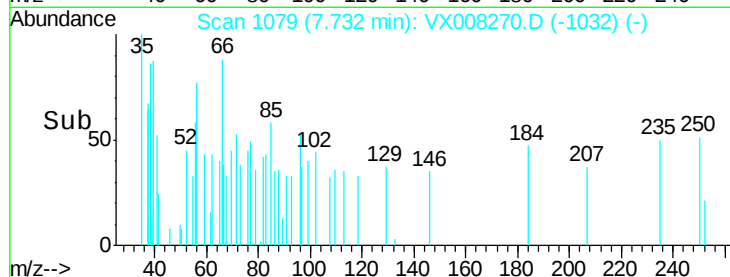
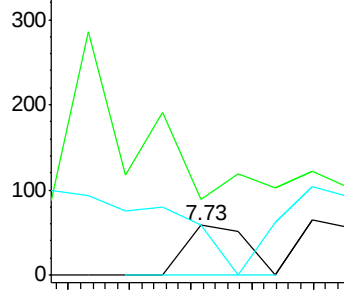
58 0.0 57.8 86.6#



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: 185.682 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX008270.D

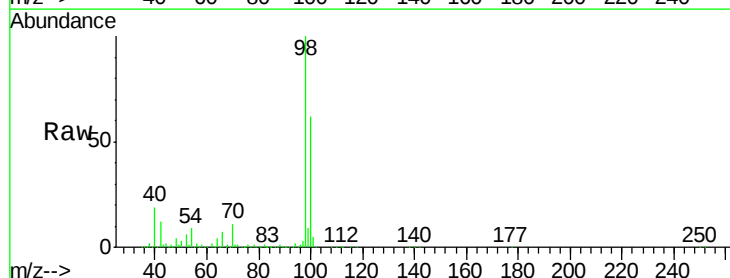
Acq: 21 Mar 2019 03:41

Tgt Ion: 98 Resp: 136961

Ion Ratio Lower Upper

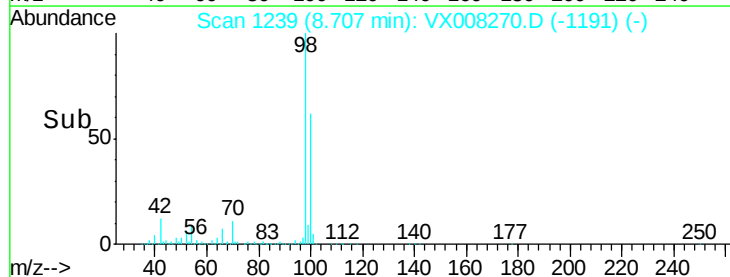
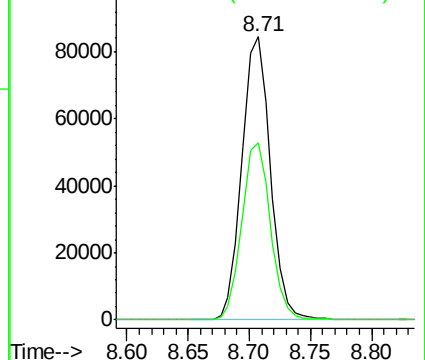
98 100

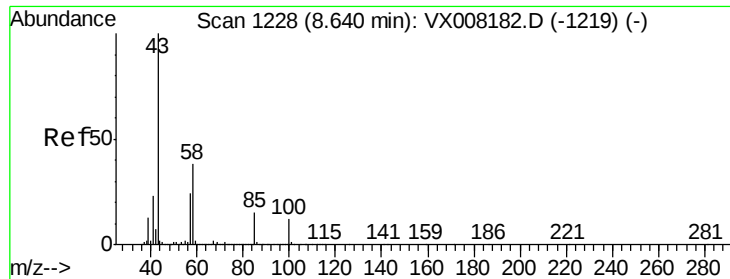
100 63.0 51.7 77.5



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: 0.844 ug/l

RT: 8.37 min Scan# 1184

Delta R.T. -0.27 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

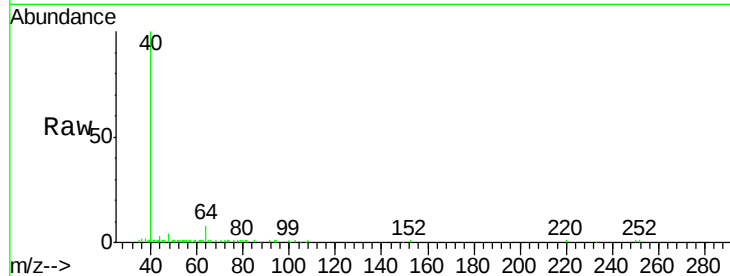
M3-T4-OZ(POST-HYPO)

Tot Ion: 43 Resp: 350

Ion Ratio Lower Upper

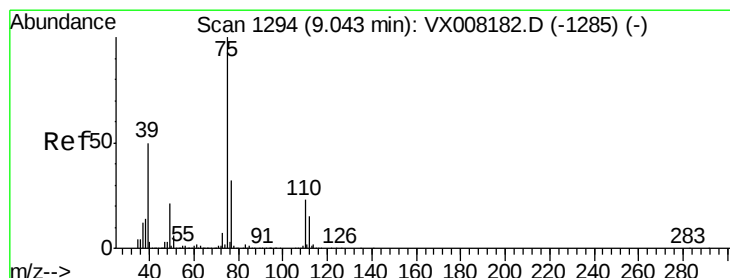
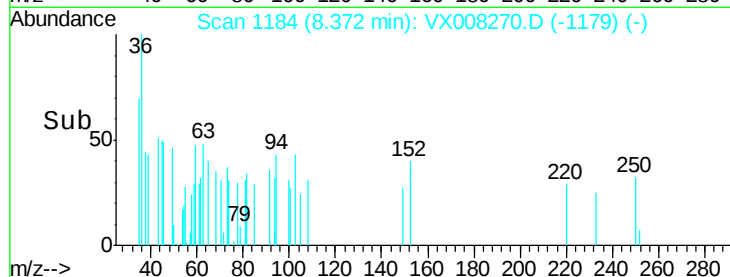
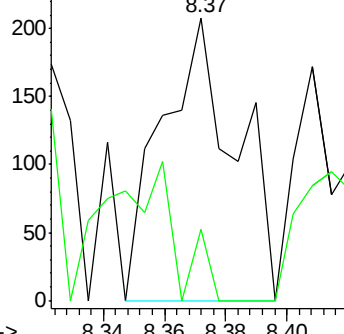
43 100

58 39.1 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.665 ug/l

RT: 8.99 min Scan# 1286

Delta R.T. -0.05 min

Lab File: VX008270.D

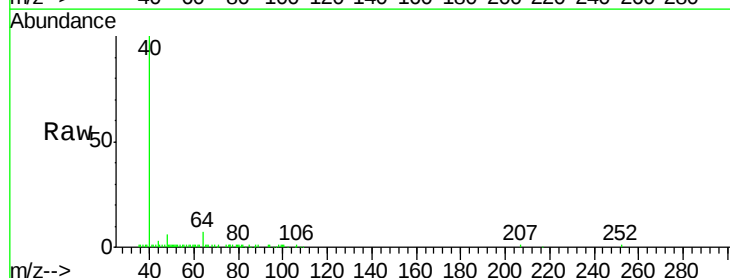
Acq: 21 Mar 2019 03:41

Tgt Ion: 75 Resp: 101

Ion Ratio Lower Upper

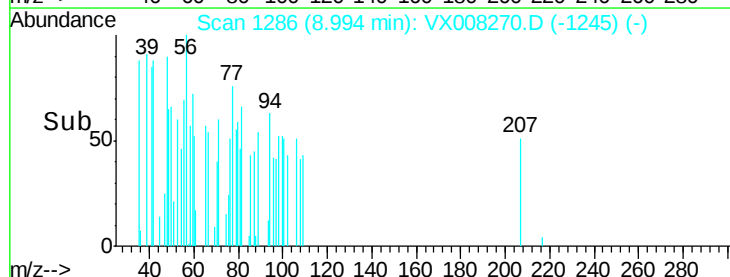
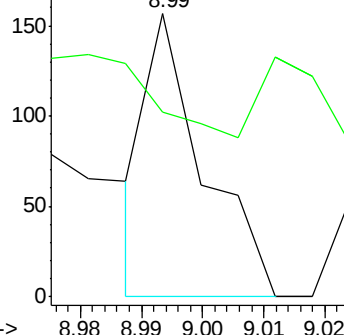
75 100

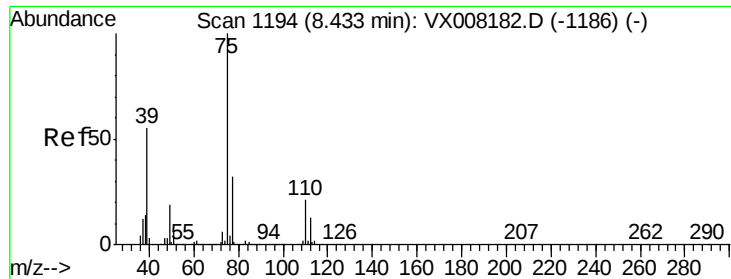
77 0.0 25.4 38.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 0.229 ug/l

RT: 8.42 min Scan# 1192

Delta R.T. -0.01 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

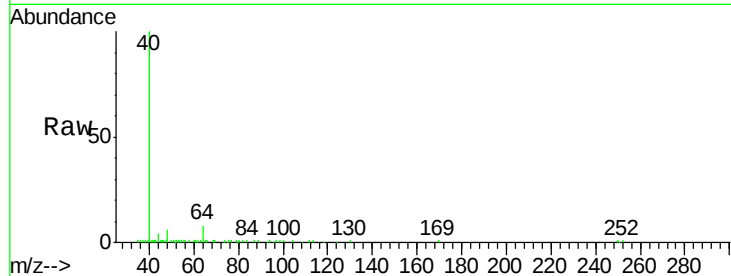
MSVOA_X

ClientSampleId :

M3-T4-OZ(POST-HYPO)

Tot Ion: 75 Resp: 92

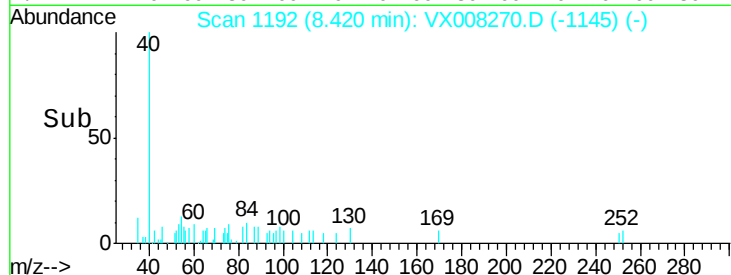
Ion	Ratio	Lower	Upper
75	100		
77	14.3	25.0	37.6#
39	62.5	36.6	54.8#



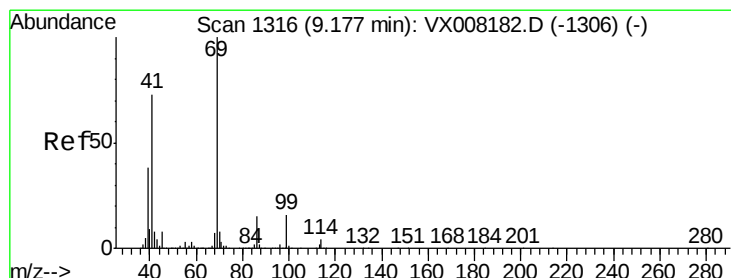
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#56

Ethyl methacrylate

Concen: 1.144 ug/l

RT: 9.12 min Scan# 1307

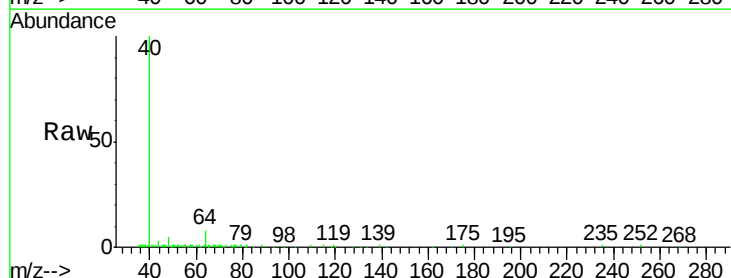
Delta R.T. -0.05 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Tgt Ion: 69 Resp: 263

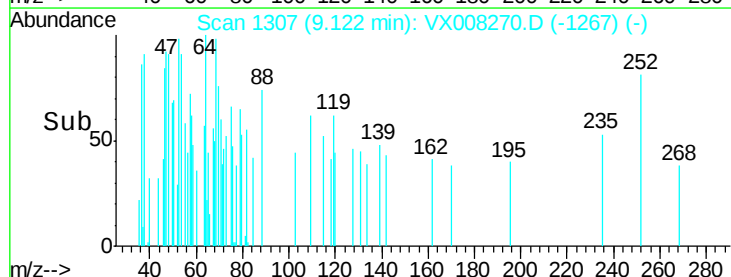
Ion	Ratio	Lower	Upper
69	100		
41	40.7	54.2	81.4#
39	168.1	25.0	37.4#



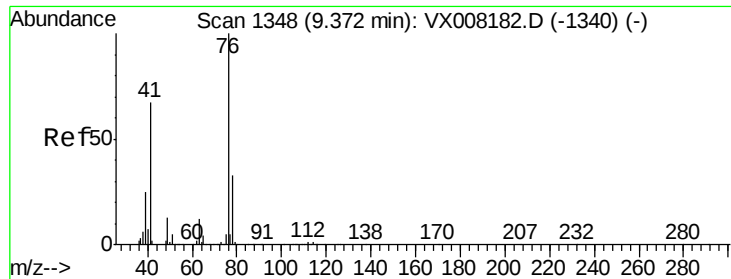
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->



#57

1,3-Dichloropropane

Concen: 0.358 ug/l

RT: 9.38 min Scan# 1350

Delta R.T. 0.01 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

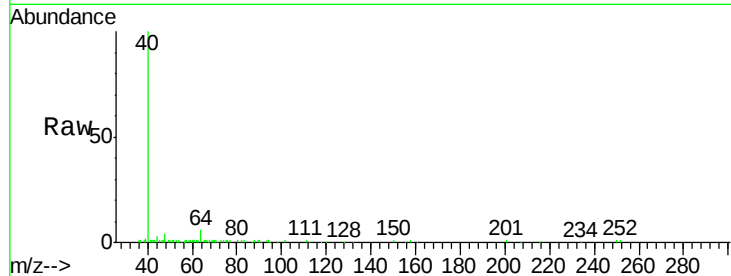
M3-T4-OZ(POST-HYPO)

Tot Ion: 76 Resp: 152

Ion Ratio Lower Upper

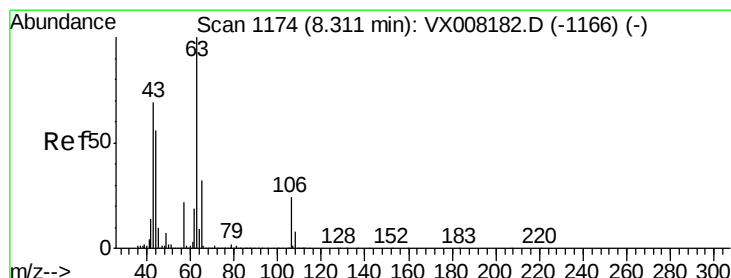
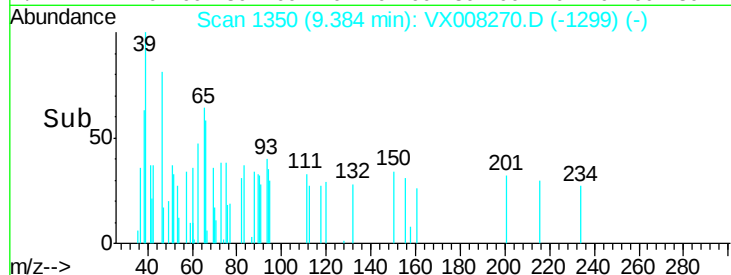
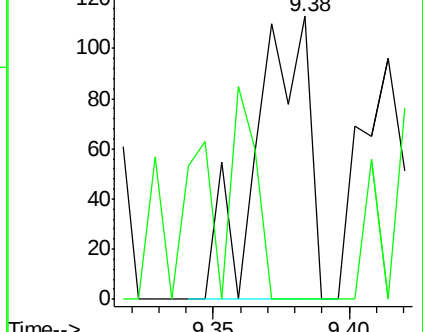
76 100

78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 0.325 ug/l

RT: 8.27 min Scan# 1167

Delta R.T. -0.04 min

Lab File: VX008270.D

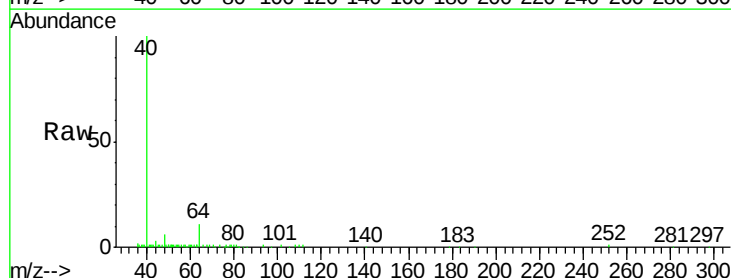
Acq: 21 Mar 2019 03:41

Tgt Ion: 63 Resp: 64

Ion Ratio Lower Upper

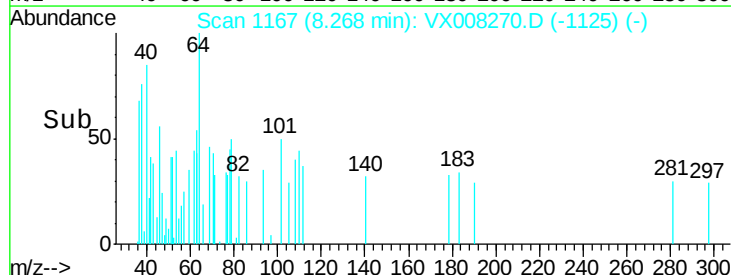
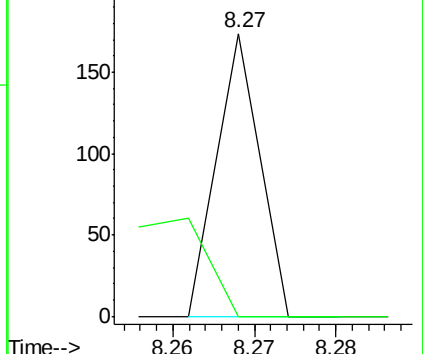
63 100

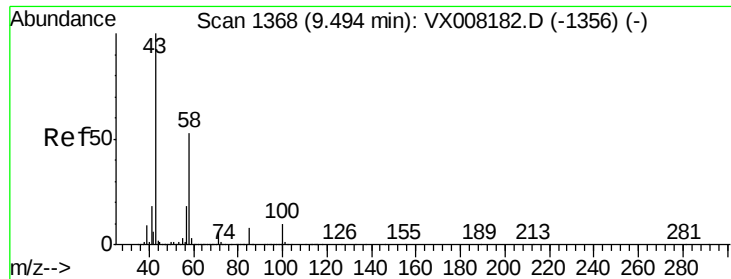
106 95.3 22.2 33.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

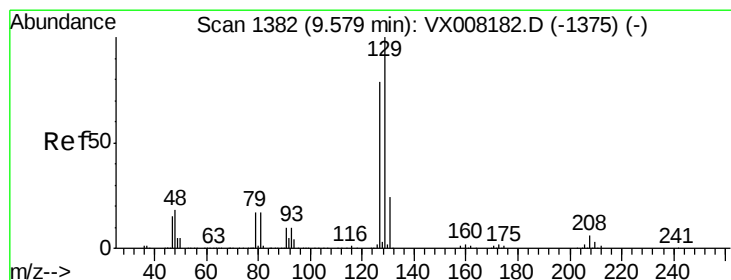
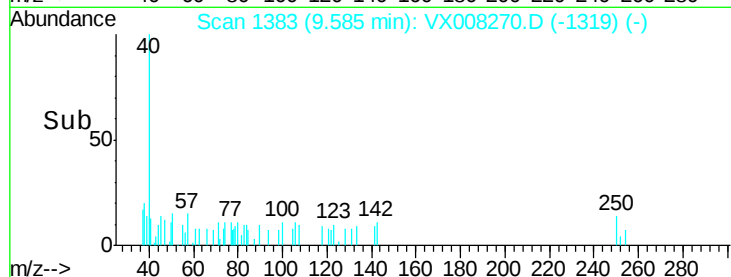
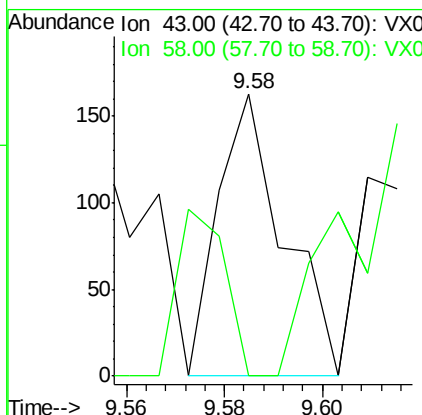
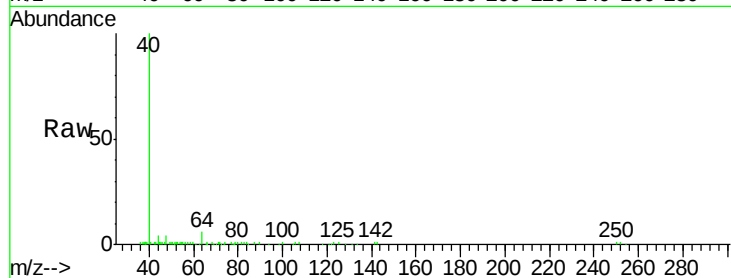




#59
2-Hexanone
Concen: 0.476 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. 0.09 min
Lab File: VX008270.D
Acq: 21 Mar 2019 03:41

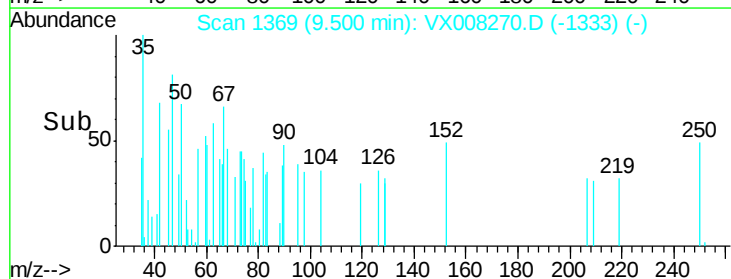
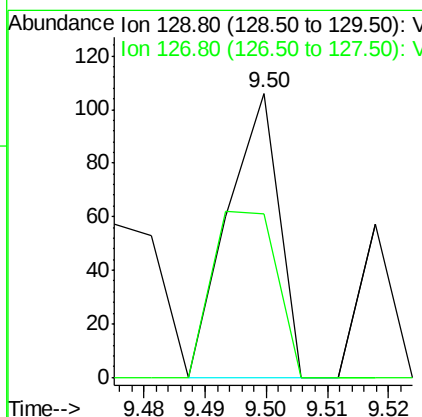
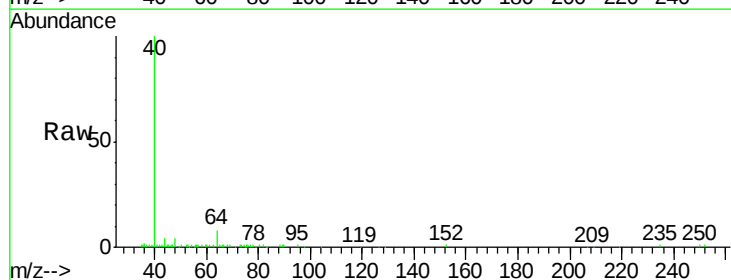
Instrument :
MSVOA_X
ClientSampleId :
M3-T4-OZ(POST-HYPO)

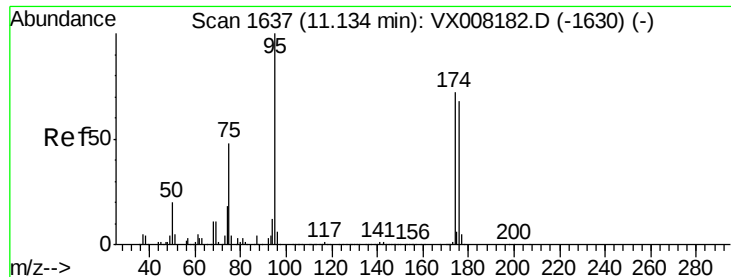
Tot Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
58 42.8 27.6 82.7



#60
Dibromochloromethane
Concen: 0.264 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.08 min
Lab File: VX008270.D
Acq: 21 Mar 2019 03:41

Tgt Ion: 129 Resp: 61
Ion Ratio Lower Upper
129 100
127 73.8 38.3 114.8





#62

4-Bromofluorobenzene

Concen: 336.353 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-OZ(POST-HYPO)

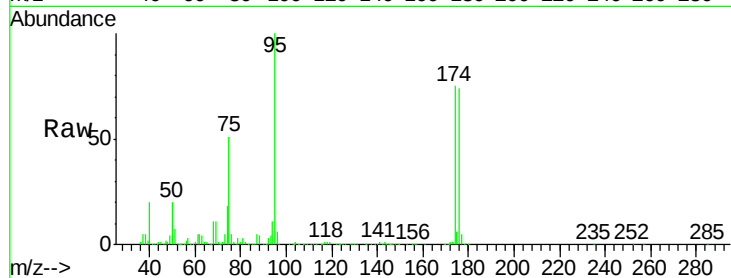
Tot Ion: 95 Resp: 85425

Ion Ratio Lower Upper

95 100

174 79.5 0.0 182.8

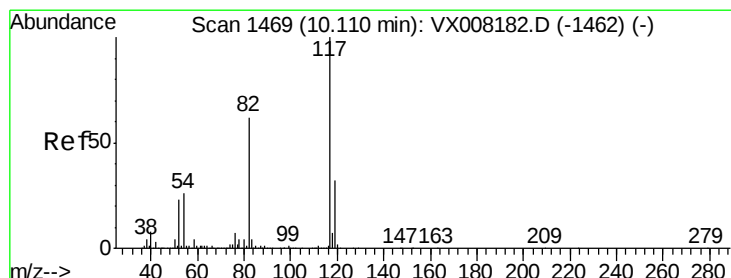
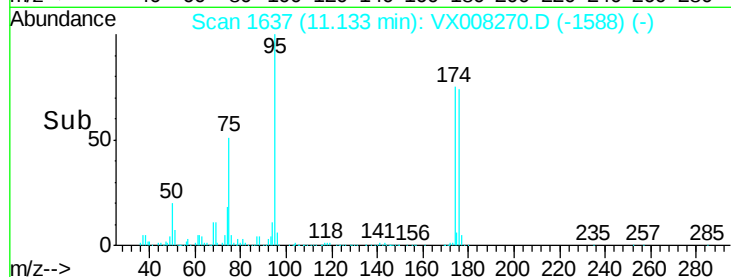
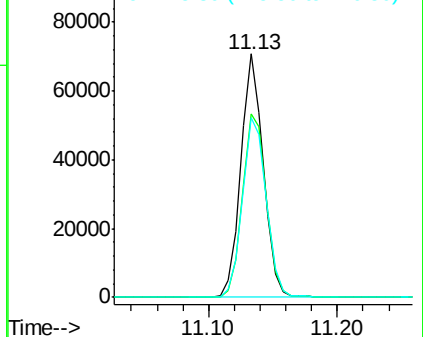
176 77.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX

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: VX008270.D

Acq: 21 Mar 2019 03:41

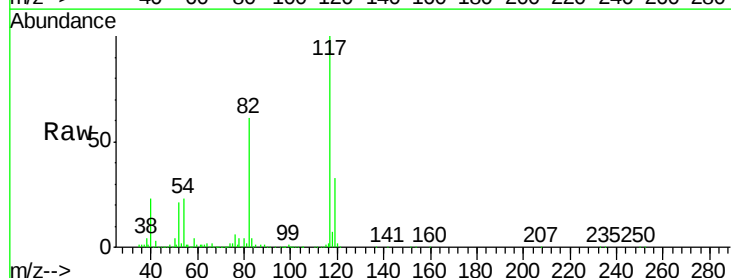
Tgt Ion: 117 Resp: 116143

Ion Ratio Lower Upper

117 100

82 61.2 44.3 66.5

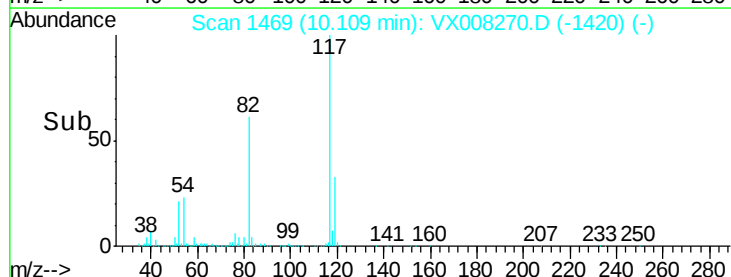
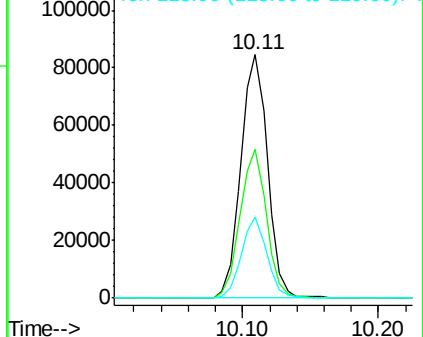
119 33.2 25.3 37.9

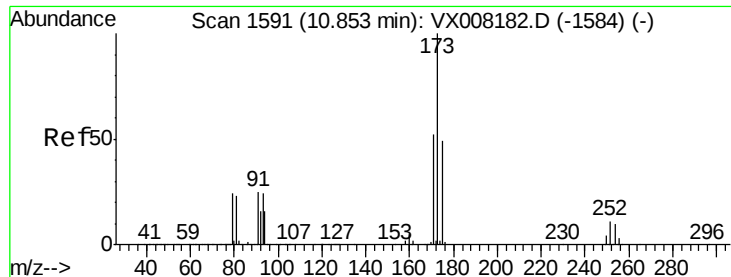


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): V





#71

Bromoform

Concen: 2.296 ug/l

RT: 10.60 min Scan# 1550

Delta R.T. -0.25 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

M3-T4-OZ(POST-HYPO)

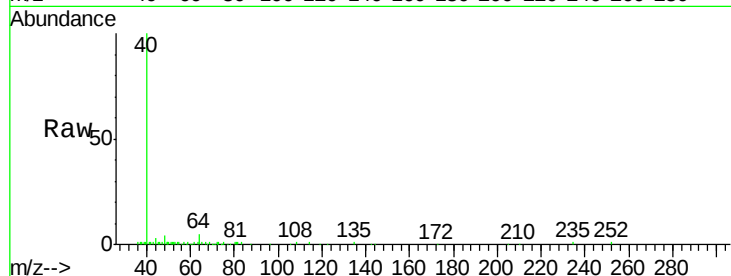
Tot Ion:173 Resp: 84

Ion Ratio Lower Upper

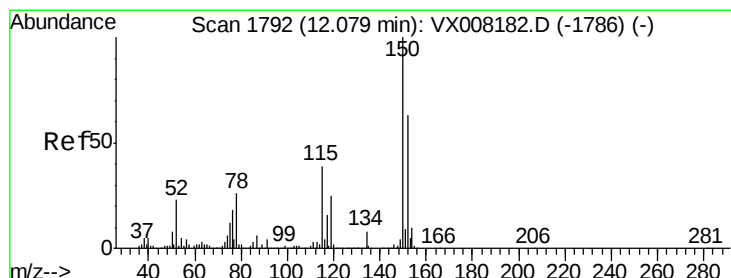
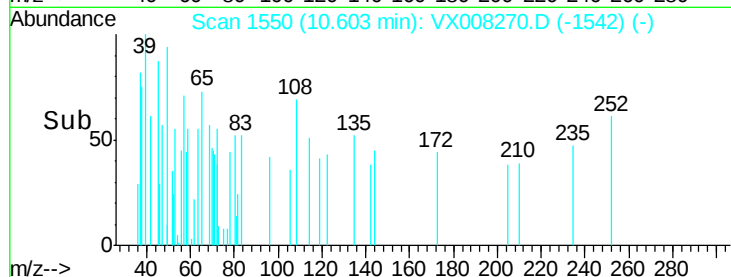
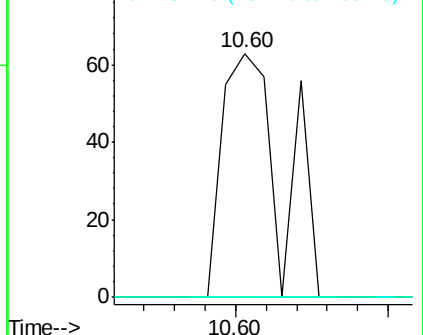
173 100

175 0.0 24.3 72.9#

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): 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: VX008270.D

Acq: 21 Mar 2019 03:41

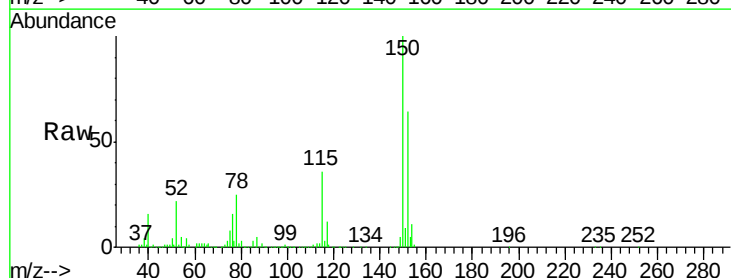
Tgt Ion:152 Resp: 92928

Ion Ratio Lower Upper

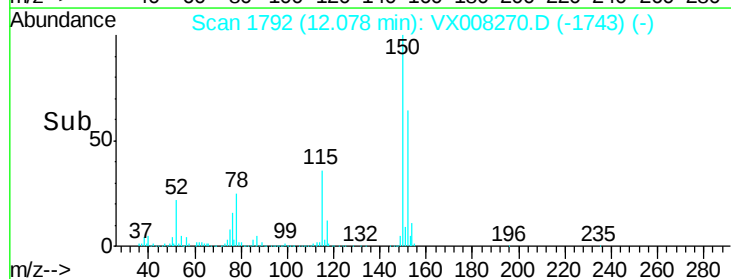
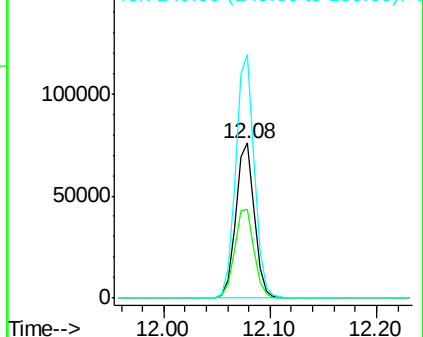
152 100

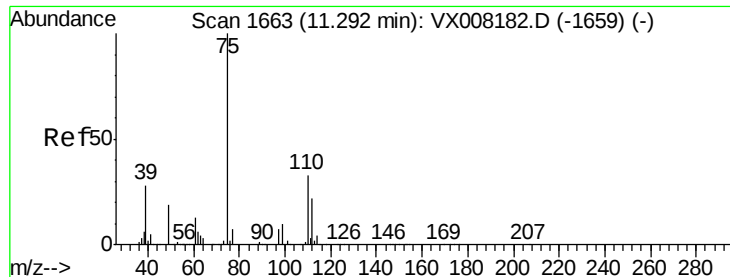
115 60.0 38.6 115.7

150 157.4 0.0 348.4



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





#76

1,2,3-Trichloropropane

Concen: 17.160 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

Instrument :

MSVOA_X

ClientSampleId :

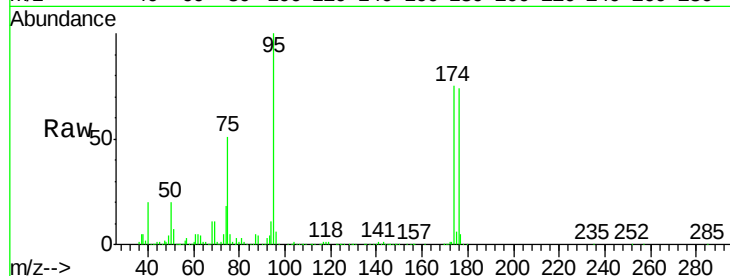
M3-T4-OZ(POST-HYPO)

Tot Ion: 75 Resp: 44852

Ion Ratio Lower Upper

75 100

77 2.0 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.13

40000

30000

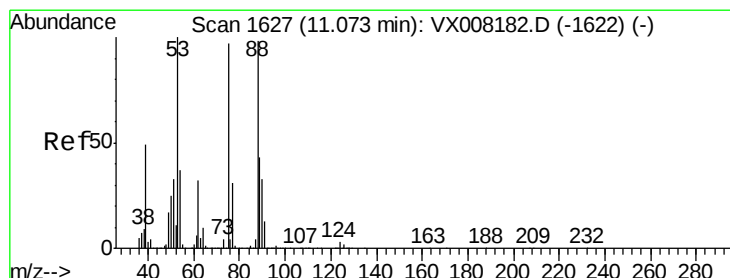
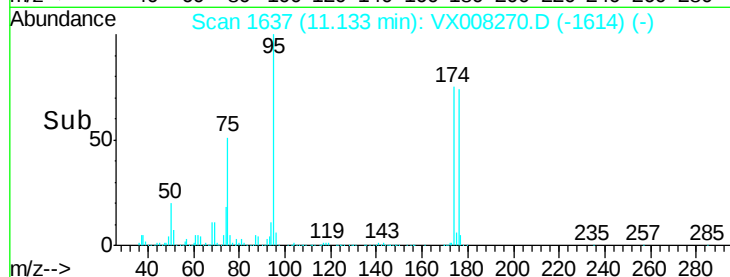
20000

10000

0

Time-->

11.10 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 43.926 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008270.D

Acq: 21 Mar 2019 03:41

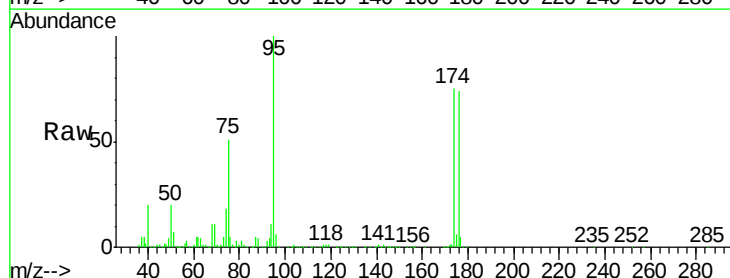
Tgt Ion: 75 Resp: 44852

Ion Ratio Lower Upper

75 100

53 1.0 76.1 114.1#

89 0.0 36.3 54.5#



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

50000

40000

30000

20000

10000

0

Time-->

11.10 11.20

