

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008218.D
 Acq On : 20 Mar 2019 03:37
 Operator : JC/SP
 Sample : K1900-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 20 08:38:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	329665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	529180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	446177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174047	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	225702	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	
35) Dibromofluoromethane	5.50	113	166956	47.13	ug/l	0.00
Spiked Amount			Recovery	=	94.26%	
50) Toluene-d8	8.71	98	645359	48.05	ug/l	0.00
Spiked Amount			Recovery	=	96.10%	
62) 4-Bromofluorobenzene	11.13	95	204715	44.27	ug/l	0.00
Spiked Amount			Recovery	=	88.54%	

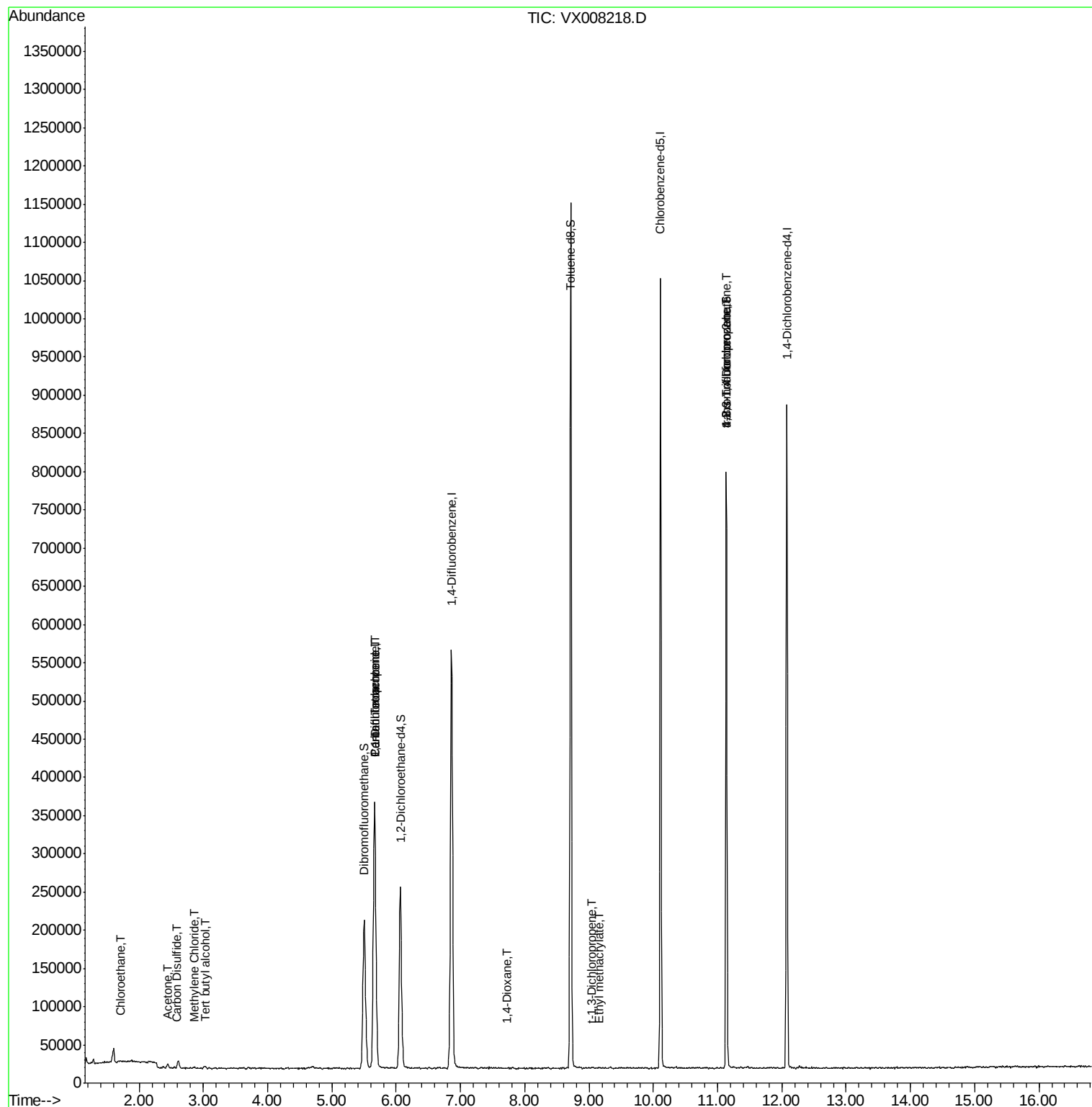
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.71	64	1417	0.452	ug/l #	49
11) Tert butyl alcohol	3.03	59	1976	1.859	ug/l	99
13) Acrolein	2.29	56	424	Below Cal	#	33
16) Acetone	2.45	43	6162	2.188	ug/l	98
17) Carbon Disulfide	2.57	76	975	0.749	ug/l #	92
20) Methylene Chloride	2.87	84	989	0.211	ug/l #	73
36) 1,1-Dichloropropene	5.67	75	27572	4.475	ug/l #	49
38) Carbon Tetrachloride	5.67	117	32115	5.850	ug/l #	16
49) 1,4-Dioxane	7.72	88	161	1.470	ug/l #	30
53) t-1,3-Dichloropropene	9.04	75	227	1.452	ug/l #	69
56) Ethyl methacrylate	9.16	69	137	0.543	ug/l #	23
76) 1,2,3-Trichloropropane	11.13	75	107770	22.015	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	107770	55.947	ug/l #	11

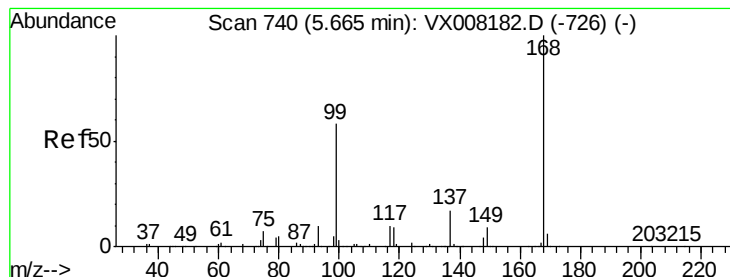
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 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: VX008218.D

Acq: 20 Mar 2019 03:37

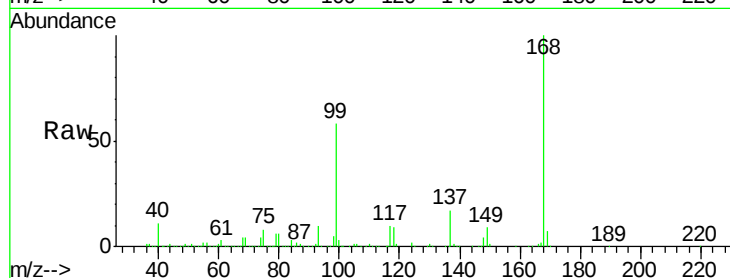
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 329665

Ion Ratio Lower Upper

168 100

99 58.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

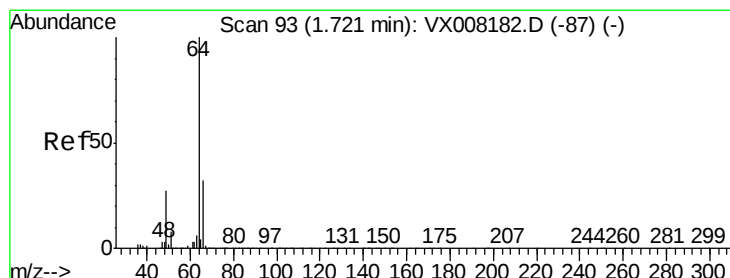
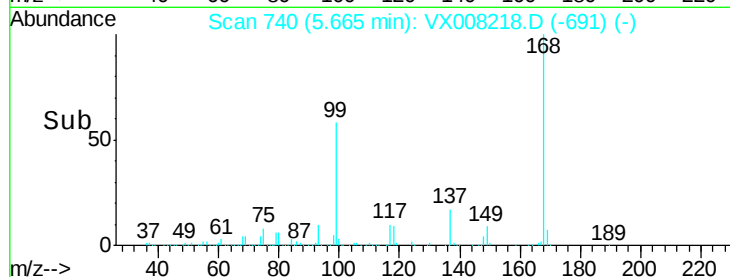
5.67

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.452 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008218.D

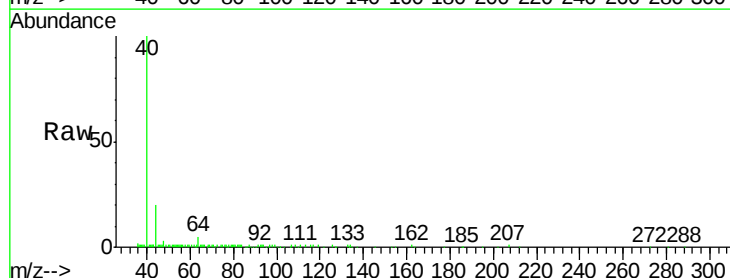
Acq: 20 Mar 2019 03:37

Tgt Ion: 64 Resp: 1417

Ion Ratio Lower Upper

64 100

66 3.2 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

1000

800

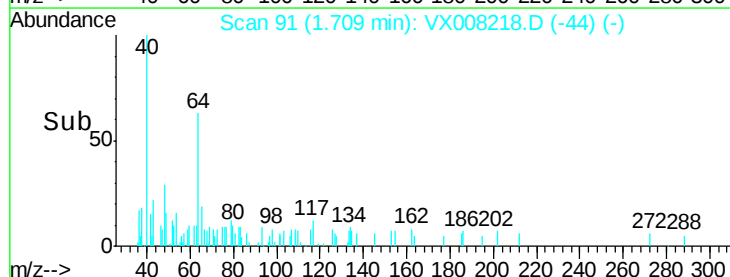
600

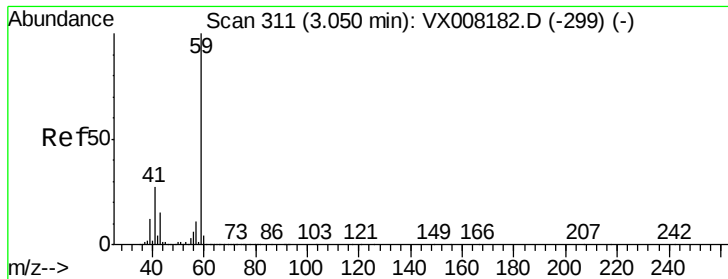
400

200

0

Time-->



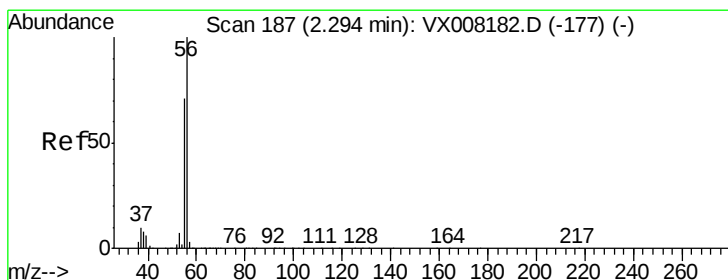
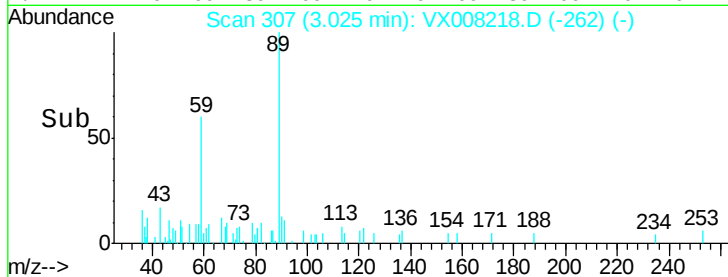
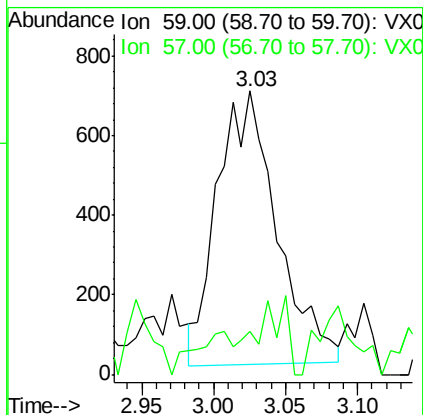
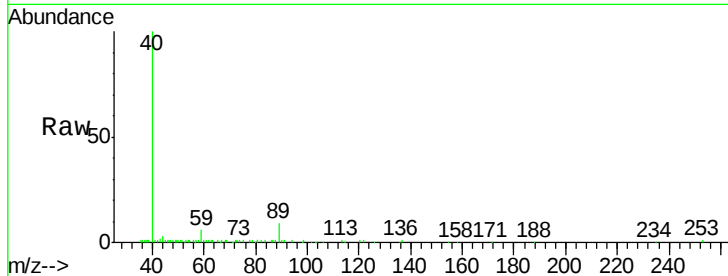


#11

Tert butyl alcohol
Concen: 1.859 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.02 min
Lab File: VX008218.D
Acq: 20 Mar 2019 03:37

Instrument :
MSVOA_X
ClientSampleId :

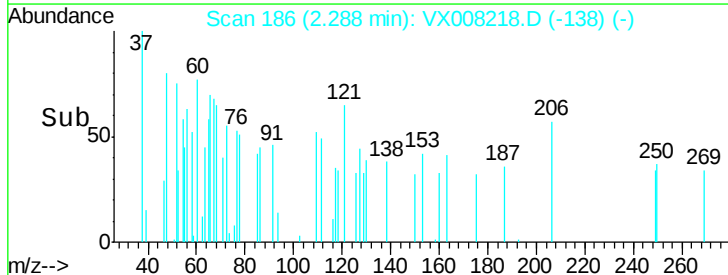
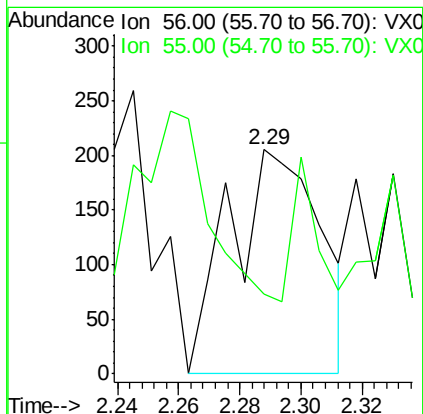
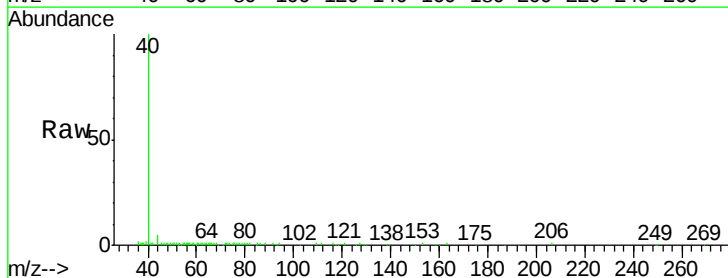
Tot Ion: 59 Resp: 1976
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.2

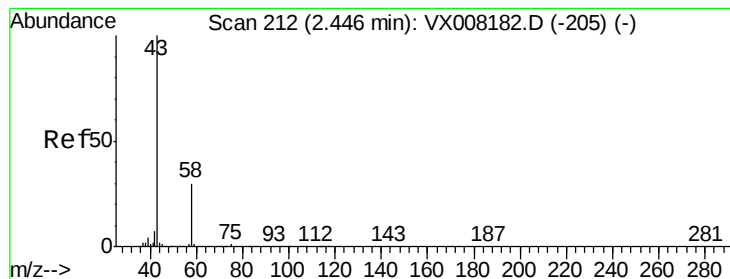


#13

Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX008218.D
Acq: 20 Mar 2019 03:37

Tgt Ion: 56 Resp: 424
Ion Ratio Lower Upper
56 100
55 16.3 57.8 86.6#





#16

Acetone

Concen: 2.188 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008218.D

Acq: 20 Mar 2019 03:37

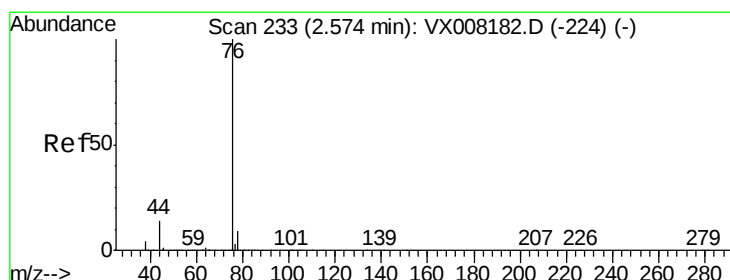
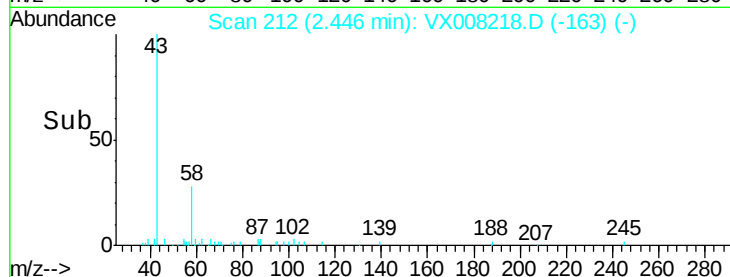
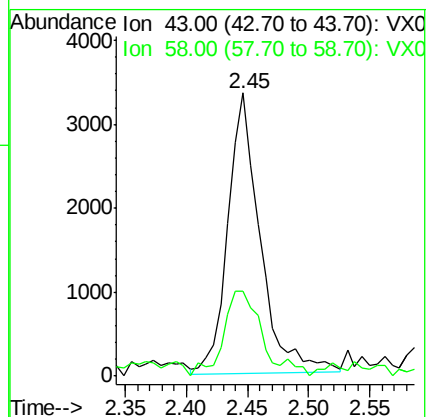
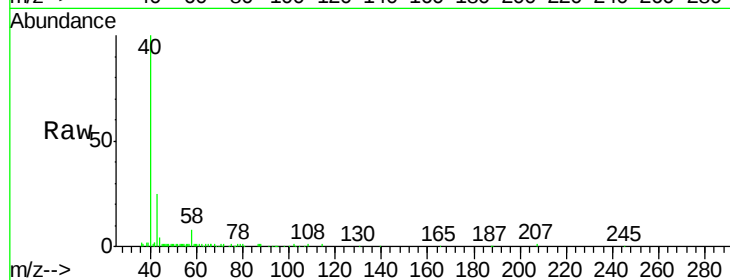
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 6162

Ion Ratio Lower Upper

43 100

58 31.0 25.5 38.3



#17

Carbon Disulfide

Concen: 0.749 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008218.D

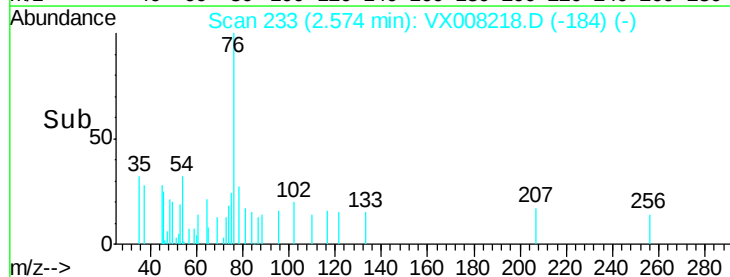
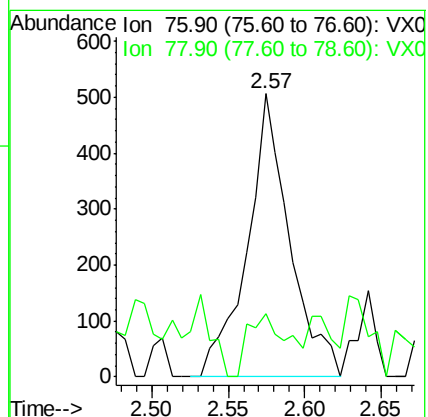
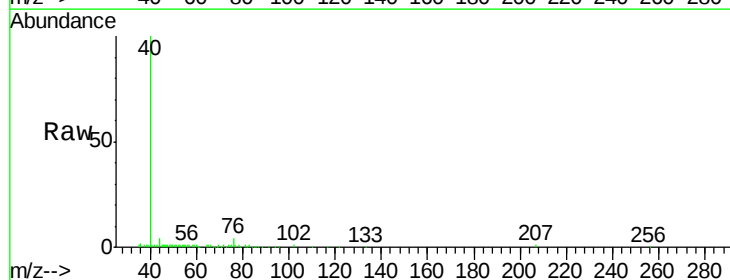
Acq: 20 Mar 2019 03:37

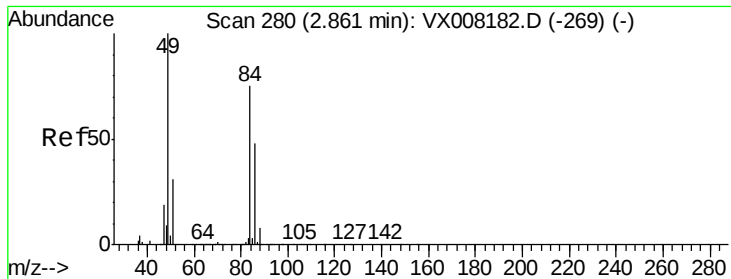
Tgt Ion: 76 Resp: 975

Ion Ratio Lower Upper

76 100

78 12.1 7.2 10.8#





#20

Methvlene Chloride

Concen: 0.211 ug/l

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX008218.D

Acq: 20 Mar 2019 03:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 989

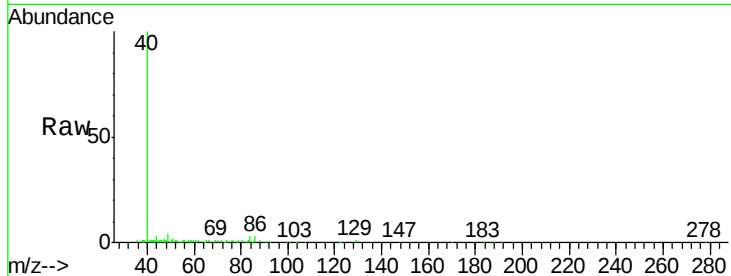
Ion Ratio Lower Upper

84 100

49 96.9 99.3 148.9#

51 15.7 31.3 46.9#

86 87.6 52.6 79.0#

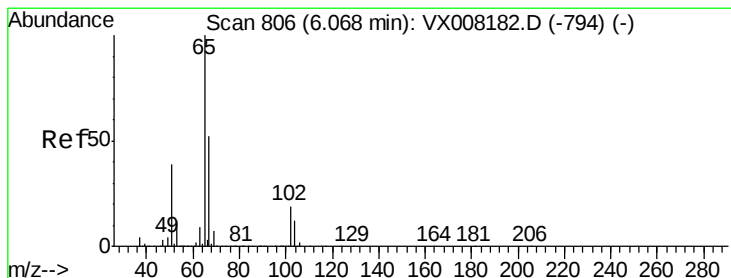
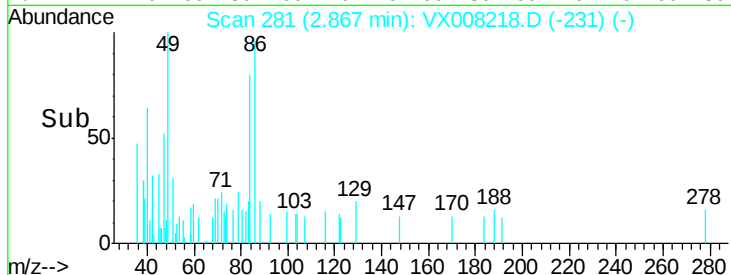
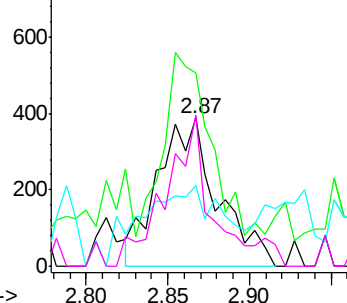


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.458 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008218.D

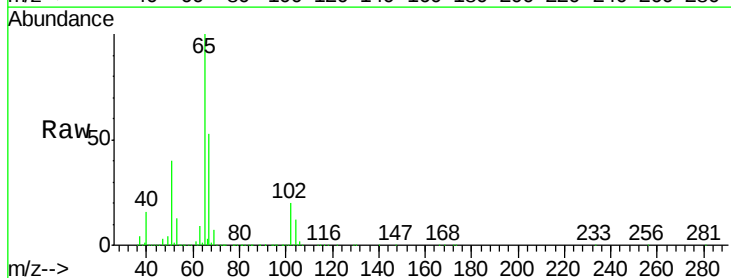
Acq: 20 Mar 2019 03:37

Tgt Ion: 65 Resp: 225702

Ion Ratio Lower Upper

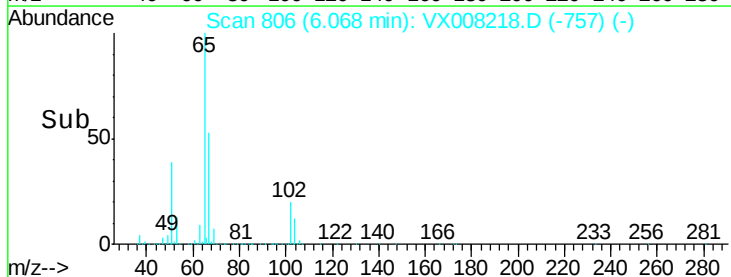
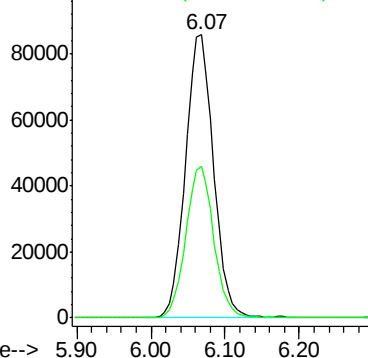
65 100

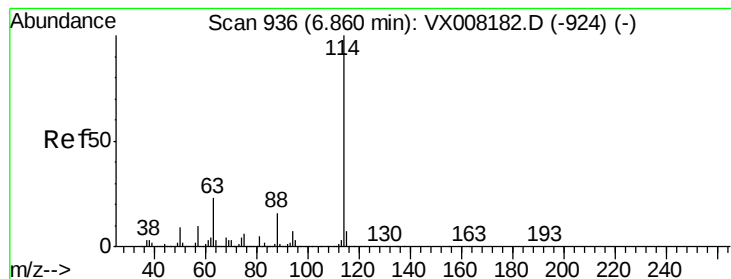
67 53.2 0.0 110.0



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: VX008218.D

Acq: 20 Mar 2019 03:37

Instrument :

MSVOA_X

ClientSampleId :

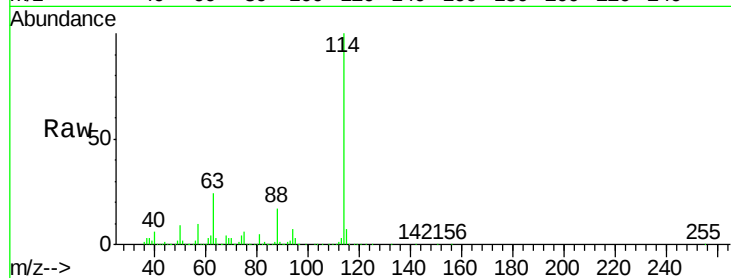
Tot Ion:114 Resp: 529180

Ion Ratio Lower Upper

114 100

63 23.6 0.0 39.8

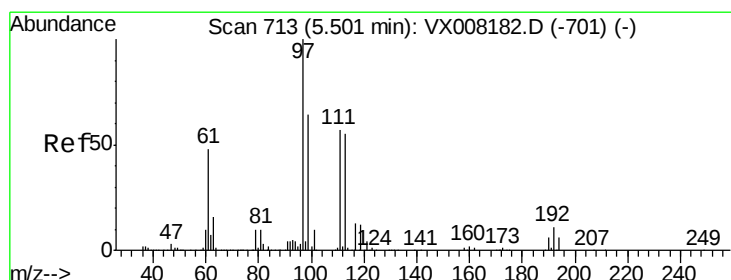
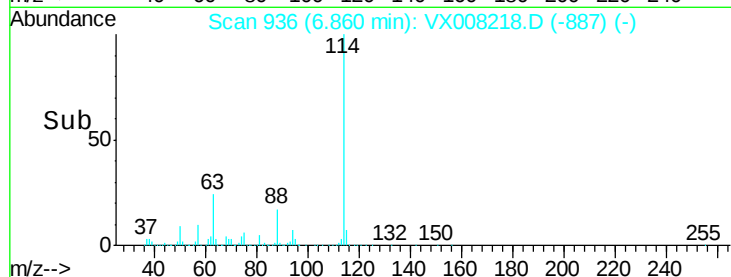
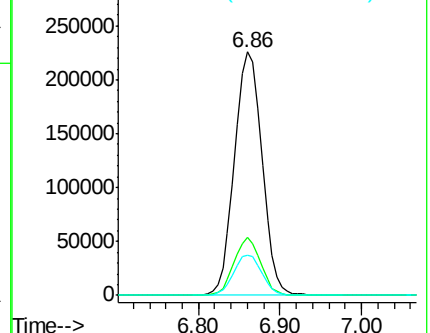
88 16.7 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 47.129 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008218.D

Acq: 20 Mar 2019 03:37

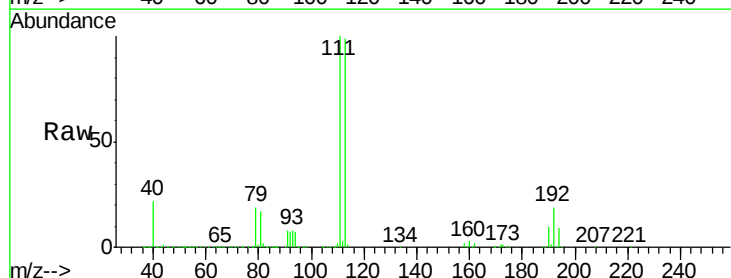
Tgt Ion:113 Resp: 166956

Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

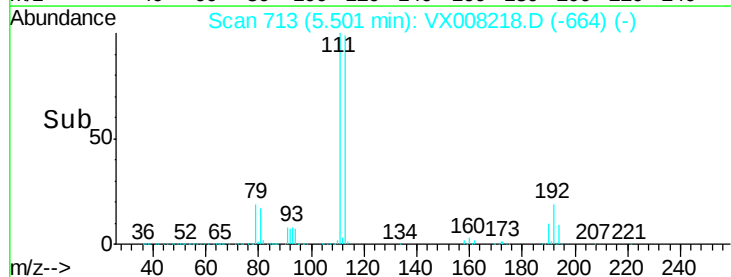
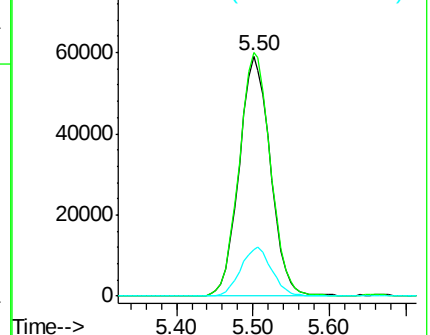
192 20.3 19.4 29.0

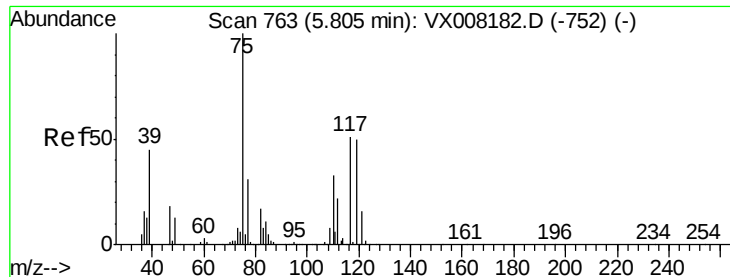


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.475 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.14 min

Lab File: VX008218.D

Acq: 20 Mar 2019 03:37

Instrument :

MSVOA_X

ClientSampleId :

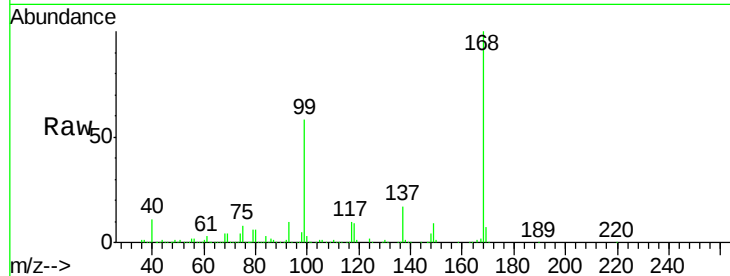
Tot Ion: 75 Resp: 27572

Ion Ratio Lower Upper

75 100

110 9.0 18.4 55.0#

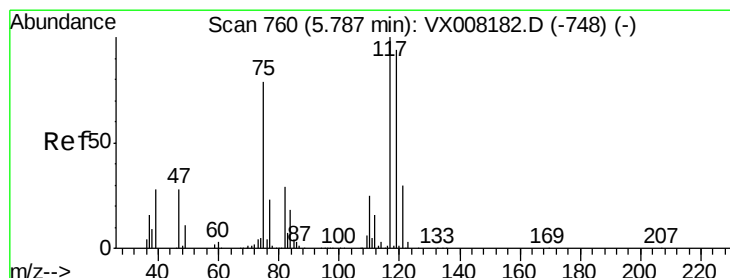
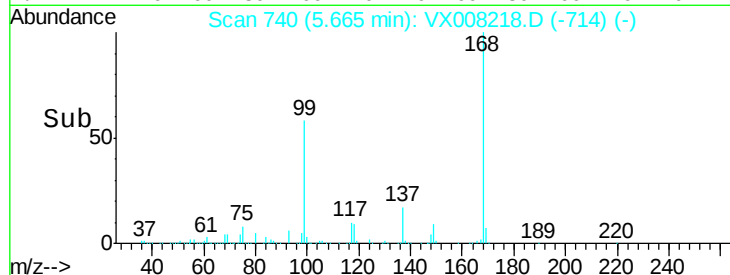
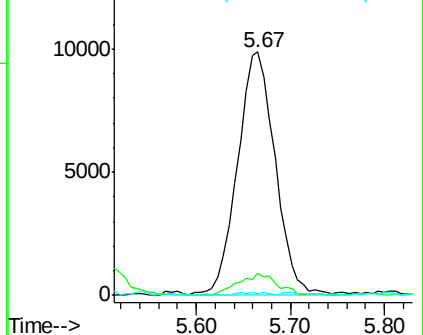
77 0.3 25.0 37.4#



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: 5.850 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008218.D

Acq: 20 Mar 2019 03:37

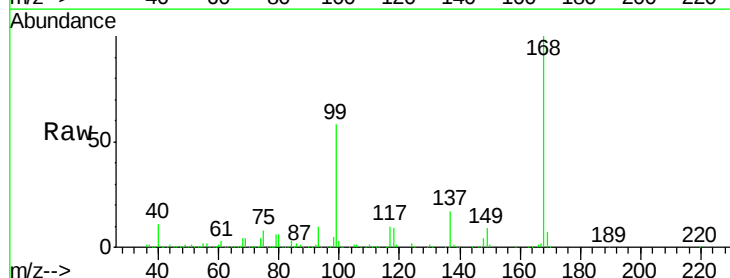
Tgt Ion:117 Resp: 32115

Ion Ratio Lower Upper

117 100

119 5.1 76.2 114.2#

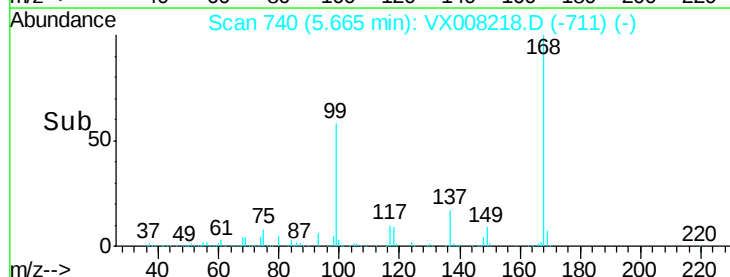
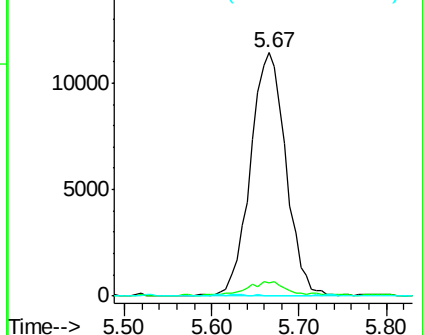
121 0.0 24.6 36.8#

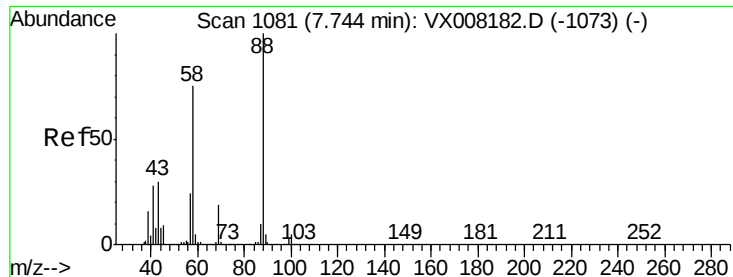


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

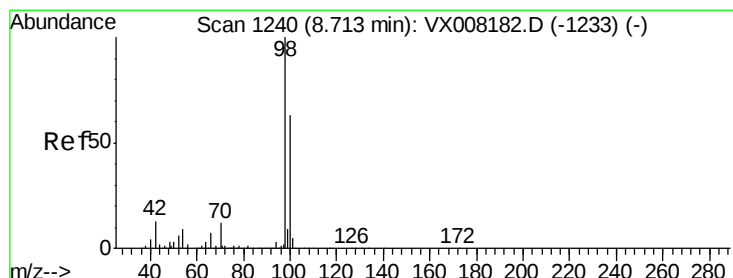
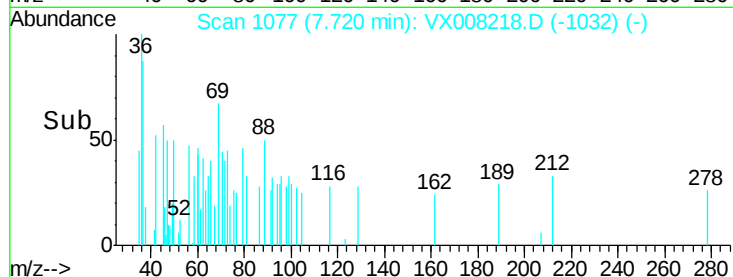
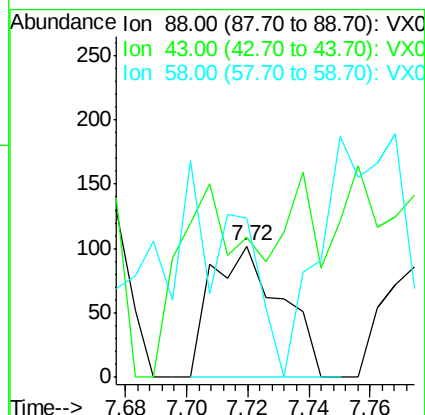
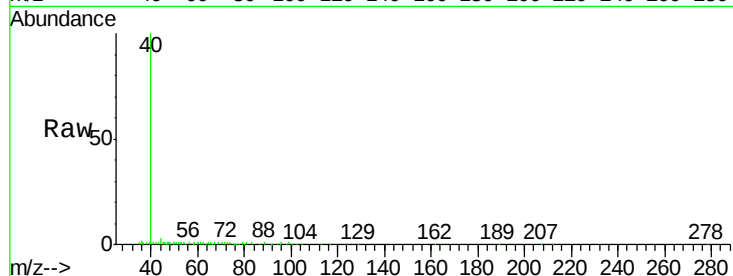




#49
1,4-Dioxane
Concen: 1.470 ug/l
RT: 7.72 min Scan# 1077
Delta R.T. -0.02 min
Lab File: VX008218.D
Acq: 20 Mar 2019 03:37

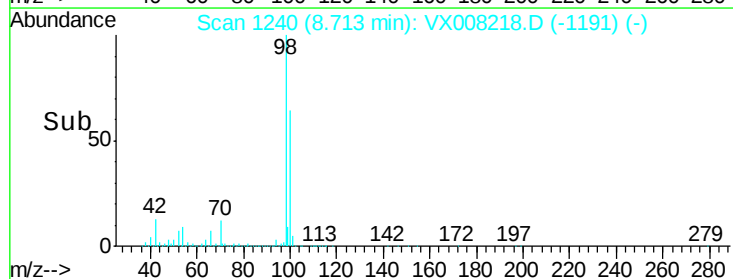
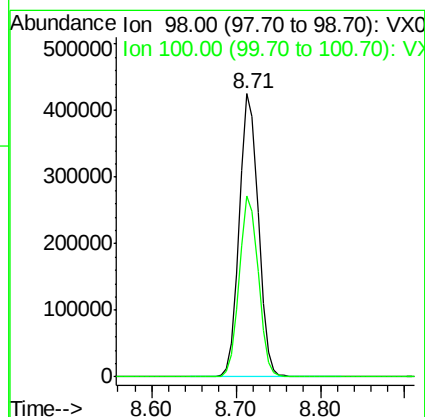
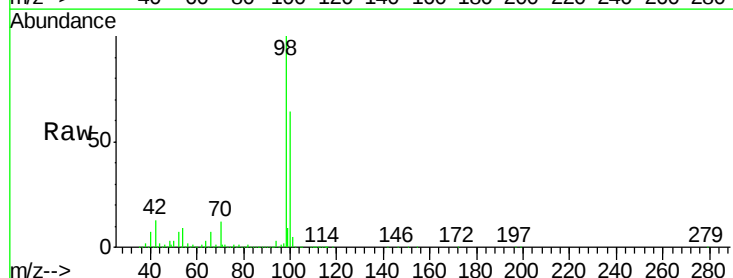
Instrument :
MSVOA_X
ClientSampled :

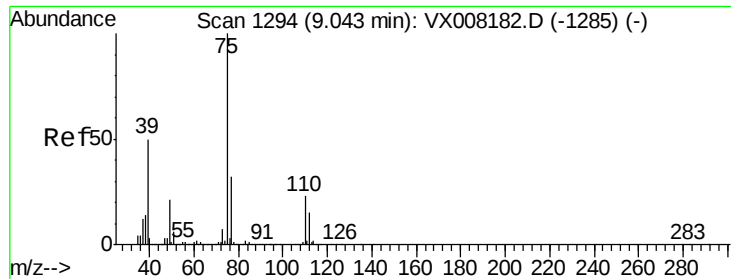
Tot Ion: 88 Resp: 161
Ion Ratio Lower Upper
88 100
43 49.1 25.1 37.7#
58 0.0 57.8 86.6#



#50
Toluene-d8
Concen: 48.050 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008218.D
Acq: 20 Mar 2019 03:37

Tgt Ion: 98 Resp: 645359
Ion Ratio Lower Upper
98 100
100 63.8 51.7 77.5

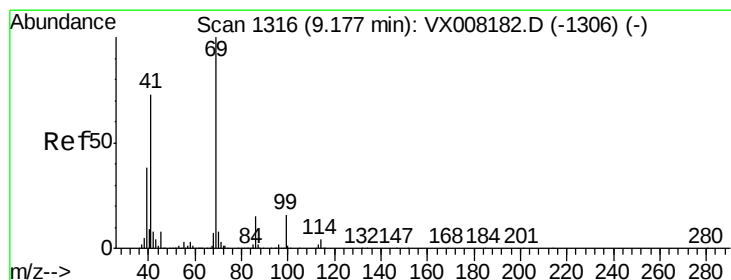
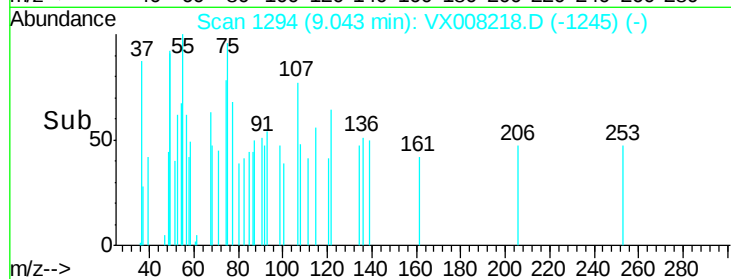
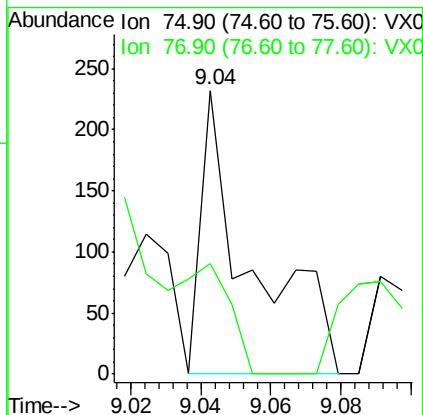
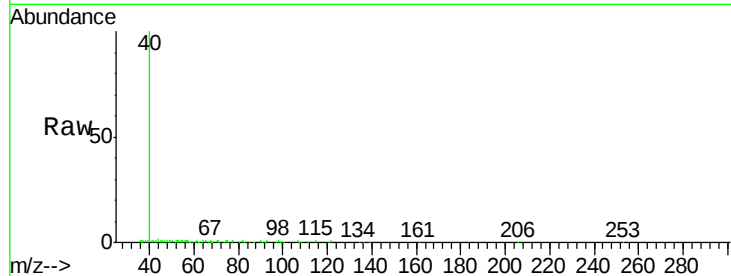




#53
t-1,3-Dichloropropene
Concen: 1.452 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008218.D
Acq: 20 Mar 2019 03:37

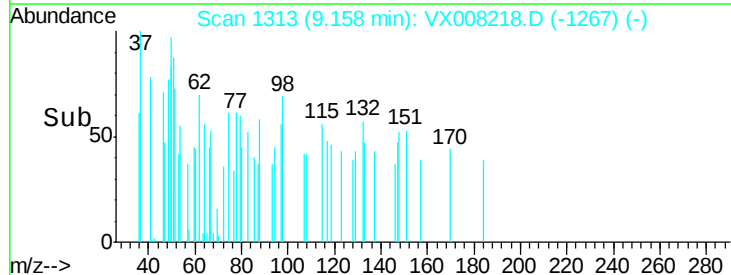
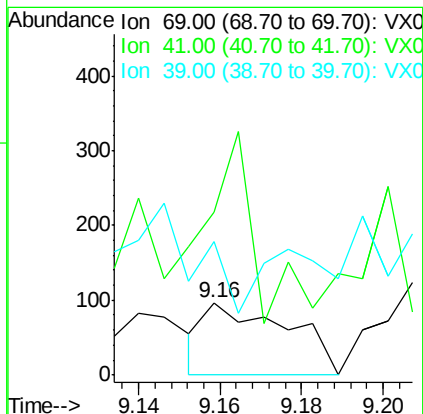
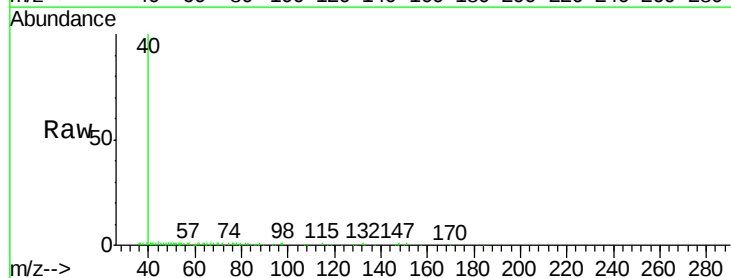
Instrument :
MSVOA_X
ClientSampled :

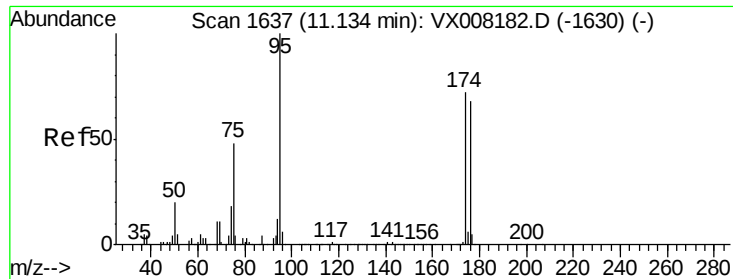
Tot Ion: 75 Resp: 227
Ion Ratio Lower Upper
75 100
77 14.7 25.4 38.0#



#56
Ethyl methacrylate
Concen: 0.543 ug/l
RT: 9.16 min Scan# 1313
Delta R.T. -0.02 min
Lab File: VX008218.D
Acq: 20 Mar 2019 03:37

Tgt Ion: 69 Resp: 137
Ion Ratio Lower Upper
69 100
41 130.7 54.2 81.4#
39 72.3 25.0 37.4#

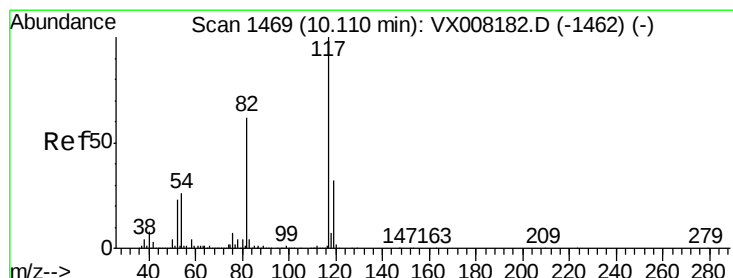
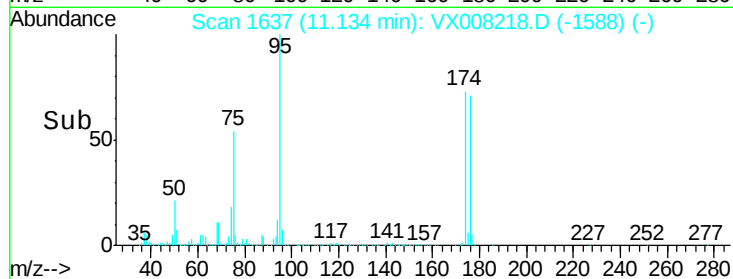
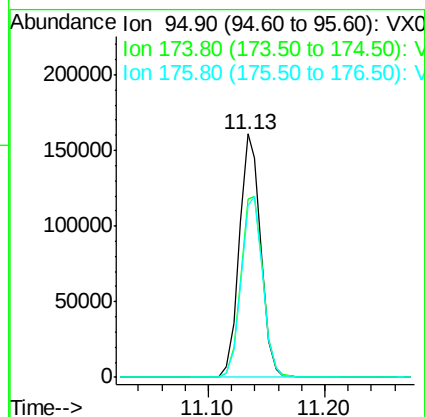
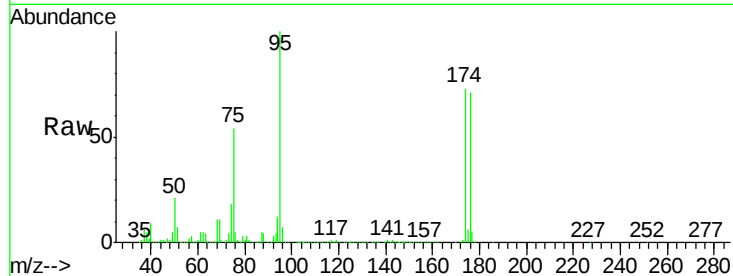




#62
4-Bromofluorobenzene
Concen: 44.267 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008218.D
Acq: 20 Mar 2019 03:37

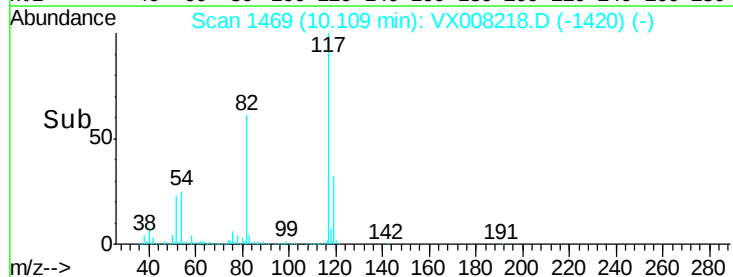
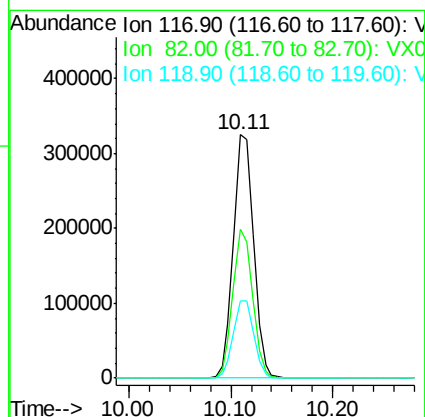
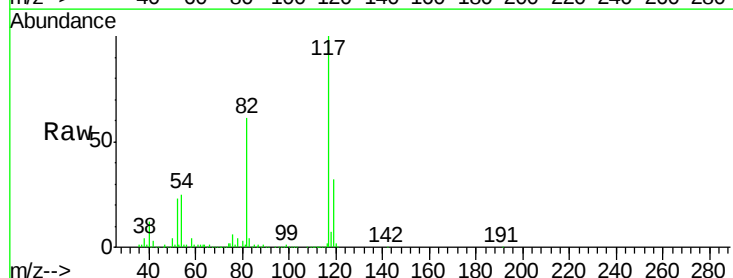
Instrument :
MSVOA_X
ClientSampleId :

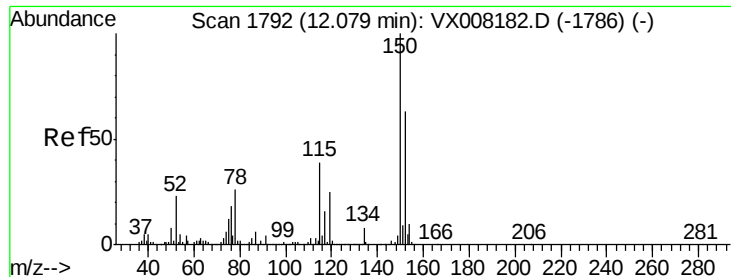
Tot Ion: 95 Resp: 204715
Ion Ratio Lower Upper
95 100
174 77.2 0.0 182.8
176 75.3 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008218.D
Acq: 20 Mar 2019 03:37

Tgt Ion: 117 Resp: 446177
Ion Ratio Lower Upper
117 100
82 61.1 44.3 66.5
119 31.6 25.3 37.9



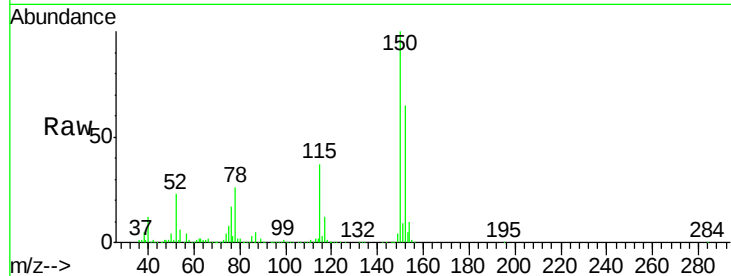


#72

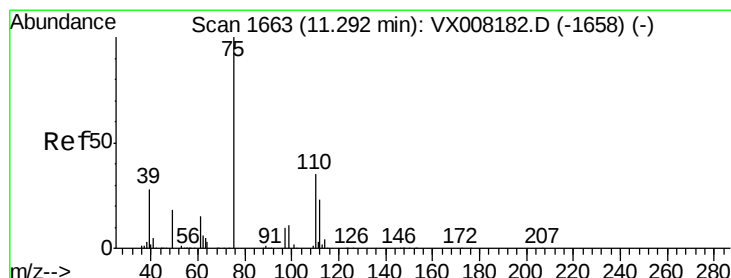
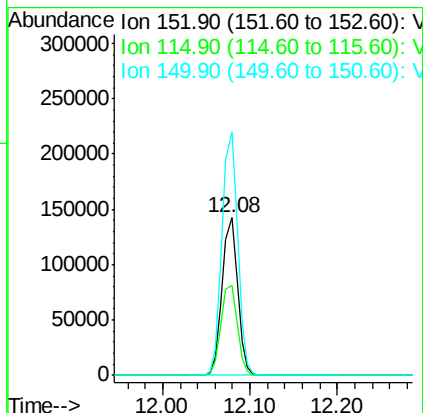
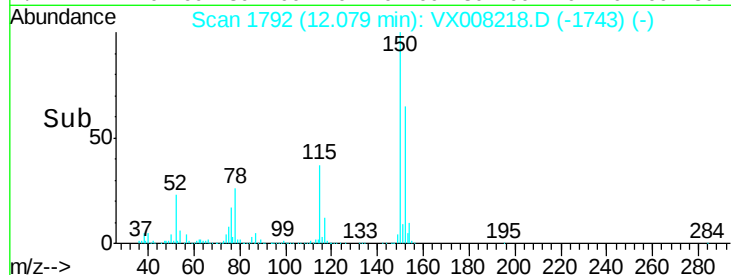
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008218.D
Acq: 20 Mar 2019 03:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 174047
Ion Ratio Lower Upper
152 100
115 60.5 38.6 115.7
150 156.3 0.0 348.4



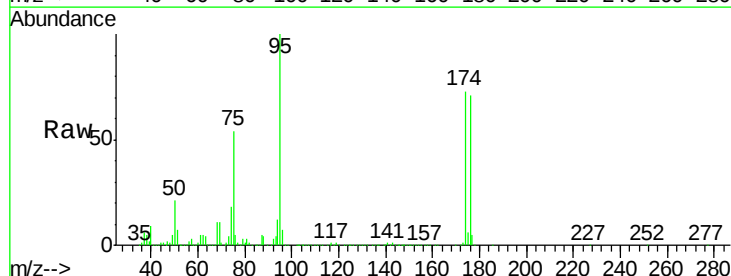
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



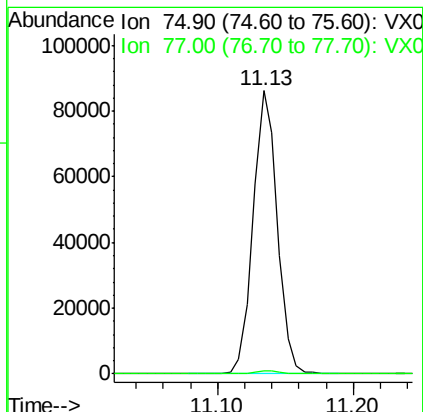
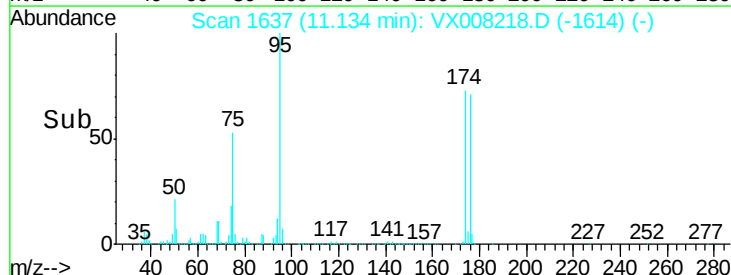
#76

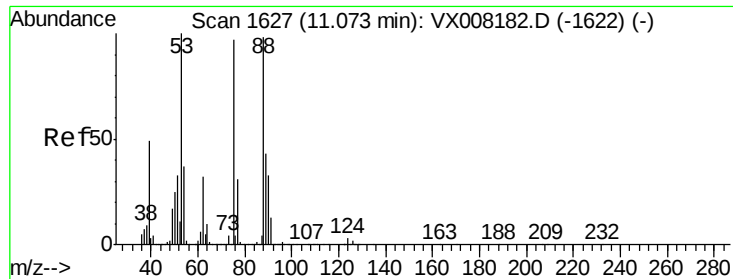
1,2,3-Trichloropropane
Concen: 22.015 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX008218.D
Acq: 20 Mar 2019 03:37

Tgt Ion: 75 Resp: 107770
Ion Ratio Lower Upper
75 100
77 1.3 18.9 56.7#



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: 55.947 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX008218.D

Acq: 20 Mar 2019 03:37

Instrument :

MSVOA_X

ClientSampleId :

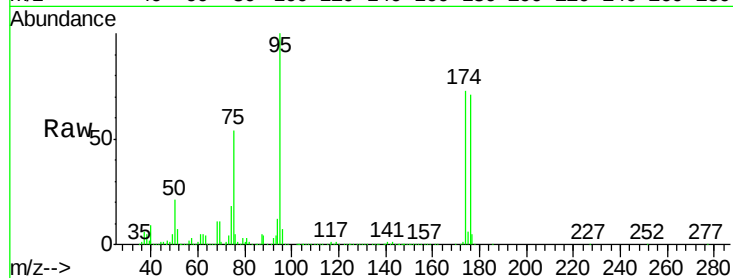
Tot Ion: 75 Resp: 107770

Ion Ratio Lower Upper

75 100

53 0.0 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

