

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030519\
 Data File : VX007842.D
 Acq On : 05 Mar 2019 17:28
 Operator : JC/SP
 Sample : K1659-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T5-UV(POST-HYPO)

Quant Time: Mar 06 00:12:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	55543	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	6.84	114	26380	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.11	117	121594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124724	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	2305	3.35	ug/l	-0.04
Spiked Amount			Recovery	=	6.70%	
35) Dibromofluoromethane	5.45	113	1496	8.48	ug/l	-0.05
Spiked Amount			Recovery	=	16.96%	
50) Toluene-d8	8.70	98	122973	182.15	ug/l	-0.01
Spiked Amount			Recovery	=	364.30%	
62) 4-Bromofluorobenzene	11.13	95	91022	367.34	ug/l	0.00
Spiked Amount			Recovery	=	734.68%	

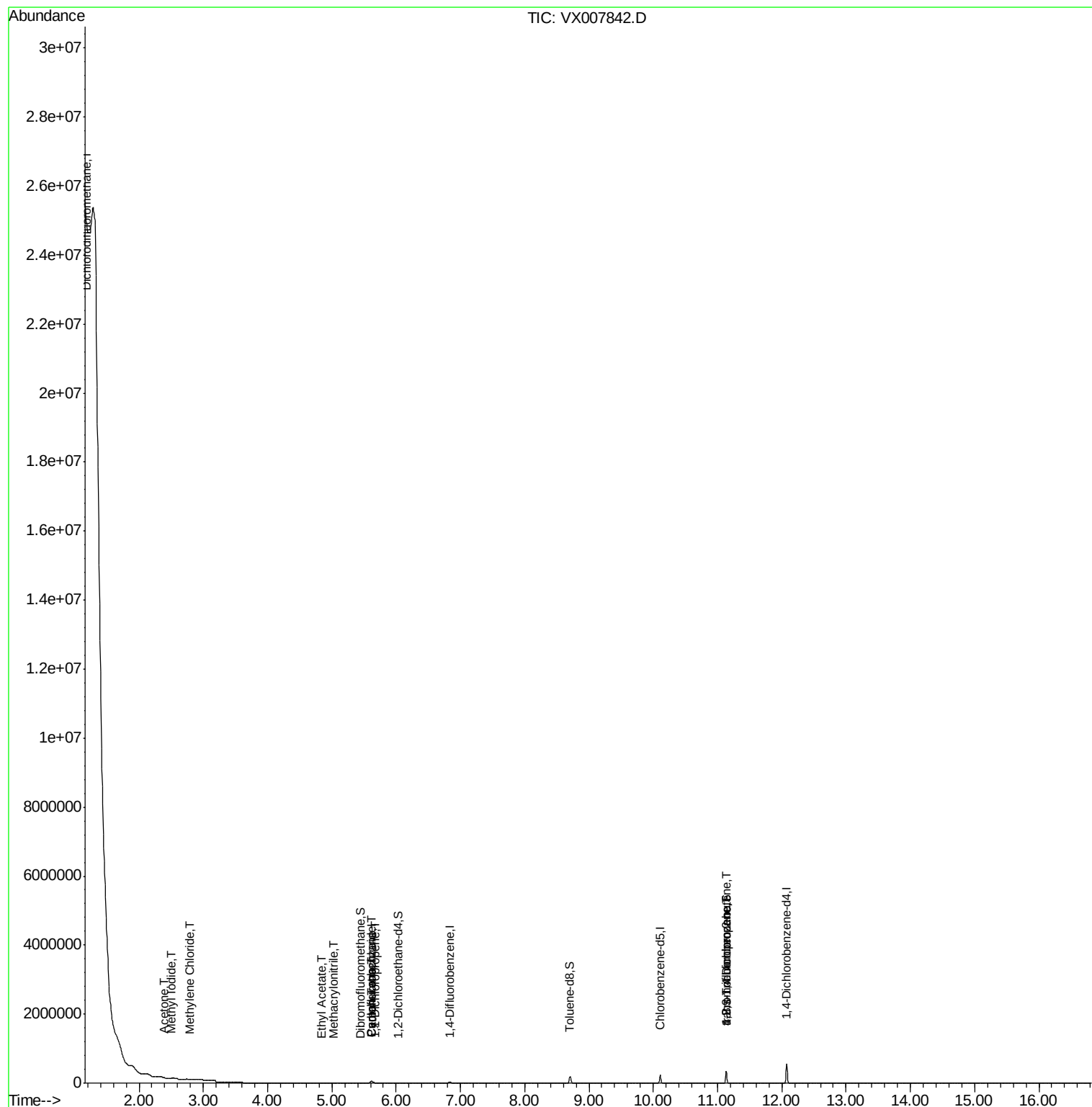
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	524	1.024	ug/l #	1
5) Bromomethane	1.65	94	33	Below Cal		91
10) Methyl Iodide	2.49	142	1391	2.073	ug/l #	90
16) Acetone	2.40	43	99	0.324	ug/l #	44
20) Methylene Chloride	2.79	84	186	0.329	ug/l #	69
31) Cyclohexane	5.62	56	917	0.959	ug/l #	1
36) 1,1-Dichloropropene	5.68	75	124	0.523	ug/l #	39
37) Ethyl Acetate	4.83	43	89	0.338	ug/l #	68
38) Carbon Tetrachloride	5.61	117	4692	19.695	ug/l #	17
41) Methacrylonitrile	5.03	41	64	0.455	ug/l #	26
76) 1,2,3-Trichloropropane	11.13	75	42179	15.865	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	42179	42.965	ug/l #	9

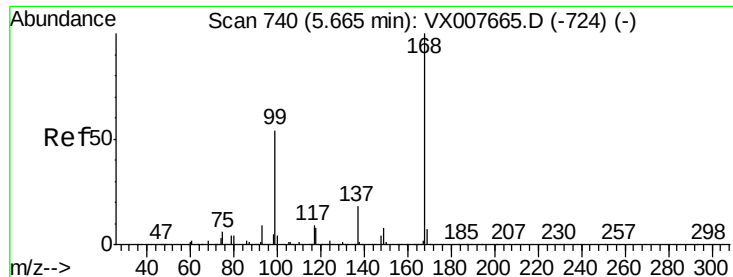
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX030519\
Data File : VX007842.D
Acq On : 05 Mar 2019 17:28
Operator : JC/SP
Sample : K1659-10
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
M1-T5-UV(POST-HYPO)

Quant Time: Mar 06 00:12:42 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 732

Delta R.T. -0.05 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

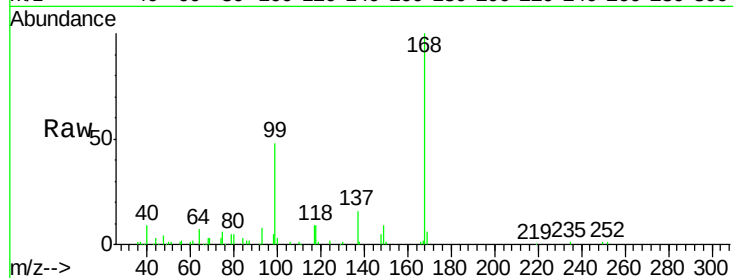
M1-T5-UV(POST-HYPO)

Tot Ion:168 Resp: 55543

Ion Ratio Lower Upper

168 100

99 47.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

15000

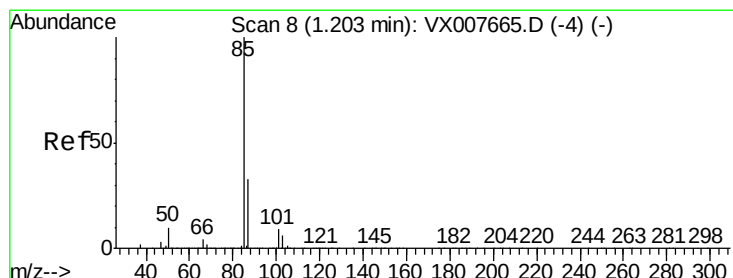
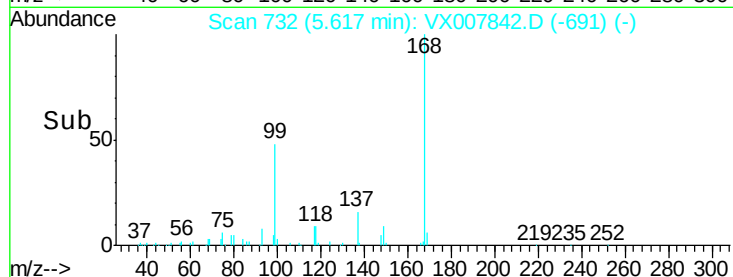
10000

5000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.024 ug/l

RT: 1.18 min Scan# 5

Delta R.T. -0.02 min

Lab File: VX007842.D

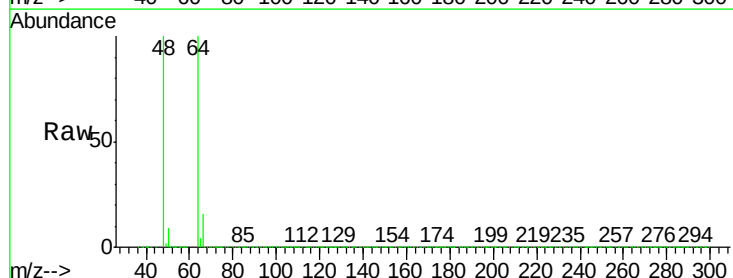
Acq: 05 Mar 2019 17:28

Tgt Ion: 85 Resp: 524

Ion Ratio Lower Upper

85 100

87 109.8 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

1200

1000

800

600

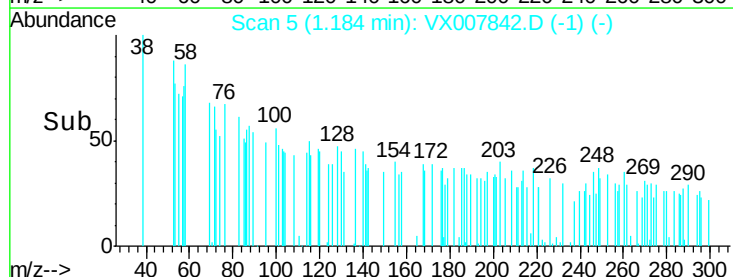
400

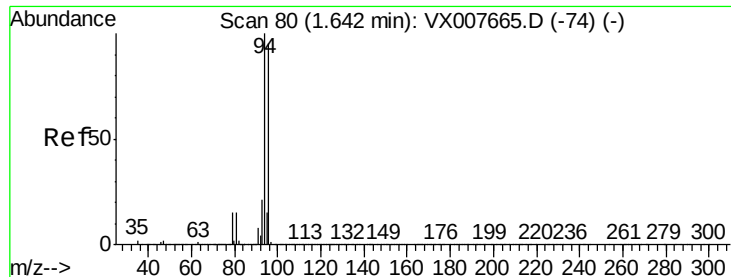
200

0

Time-->

1.18 1.20





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

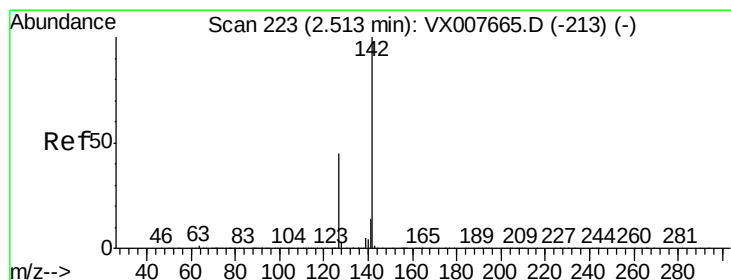
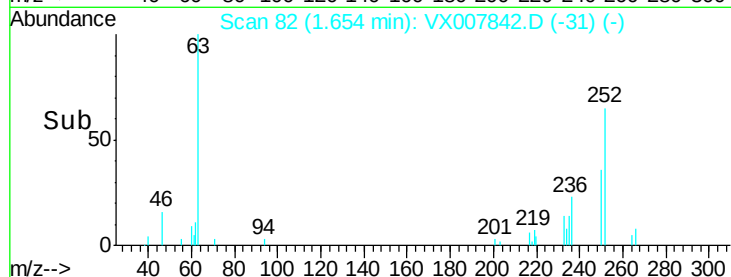
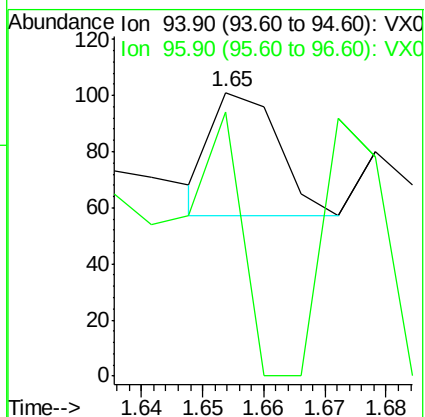
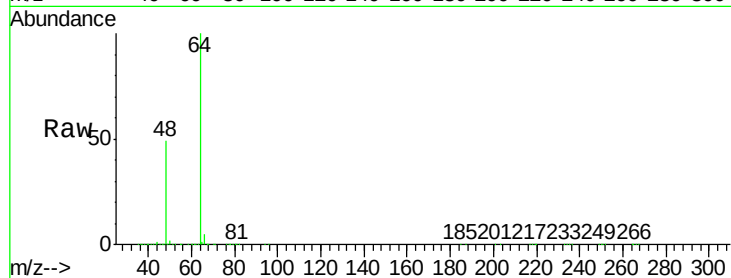
M1-T5-UV(POST-HYPO)

Tot Ion: 94 Resp: 33

Ion Ratio Lower Upper

94 100

96 84.1 73.9 110.9



#10

Methyl Iodide

Concen: 2.073 ug/l

RT: 2.49 min Scan# 219

Delta R.T. -0.02 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

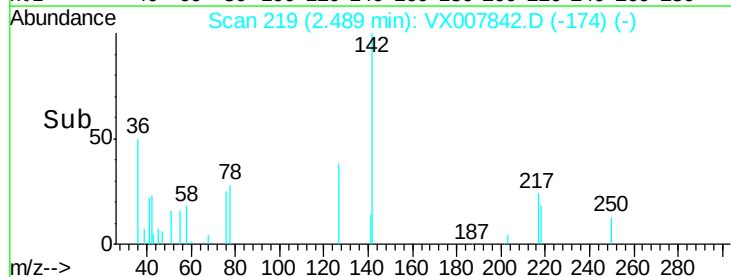
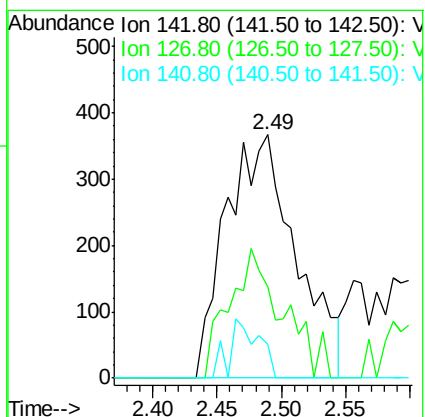
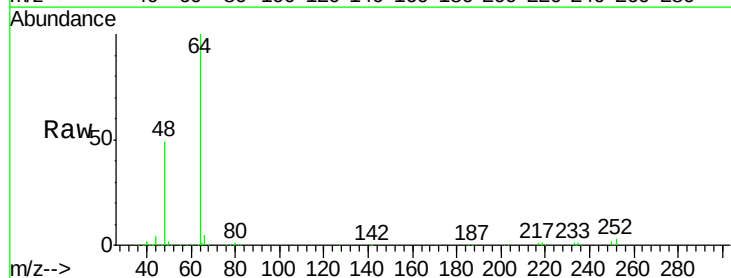
Tgt Ion: 142 Resp: 1391

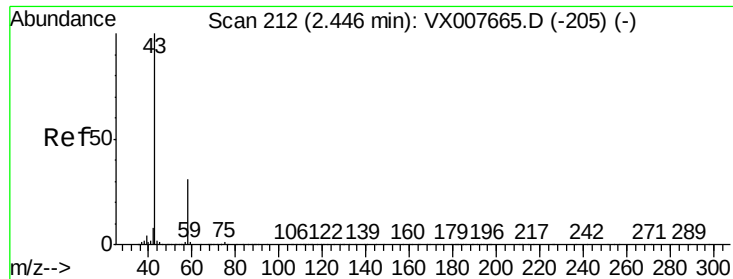
Ion Ratio Lower Upper

142 100

127 41.0 33.7 50.5

141 0.0 11.3 16.9#





#16

Acetone

Concen: 0.324 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

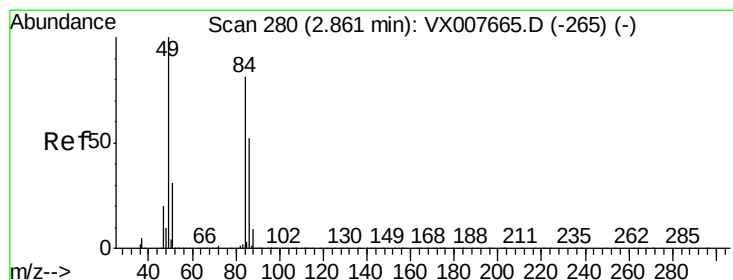
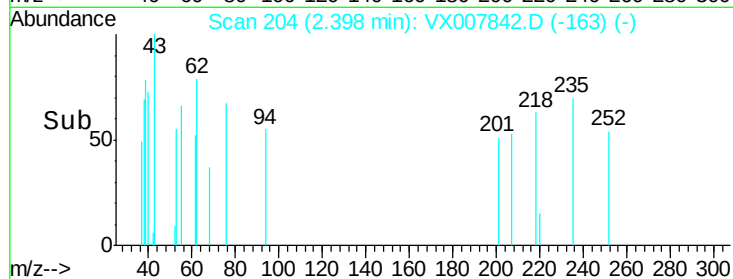
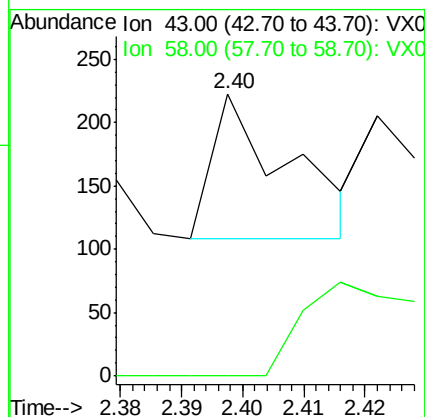
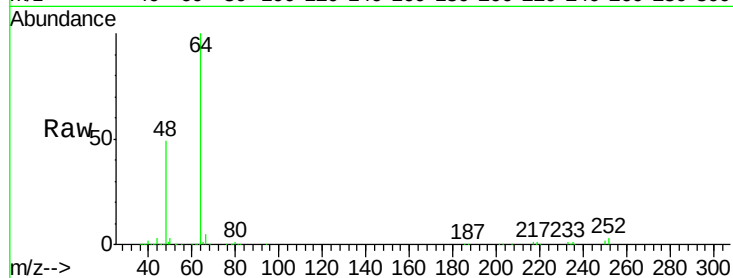
M1-T5-UV(POST-HYPO)

Tot Ion: 43 Resp: 99

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



#20

Methylene Chloride

Concen: 0.329 ug/l

RT: 2.79 min Scan# 268

Delta R.T. -0.07 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

Tgt Ion: 84 Resp: 186

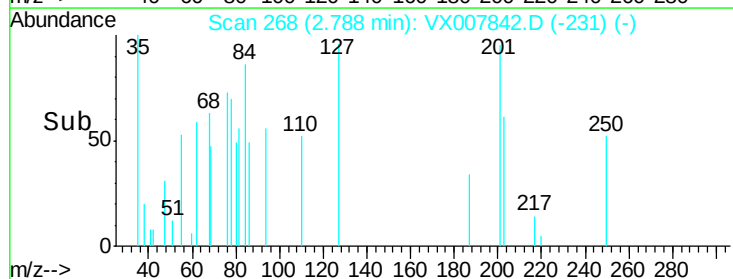
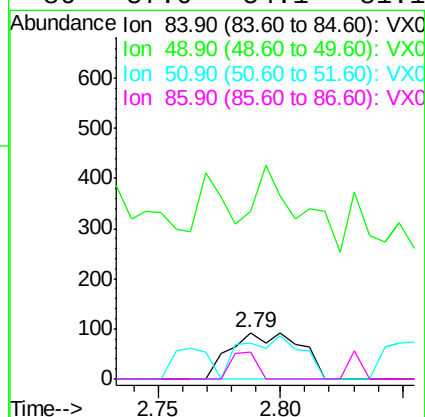
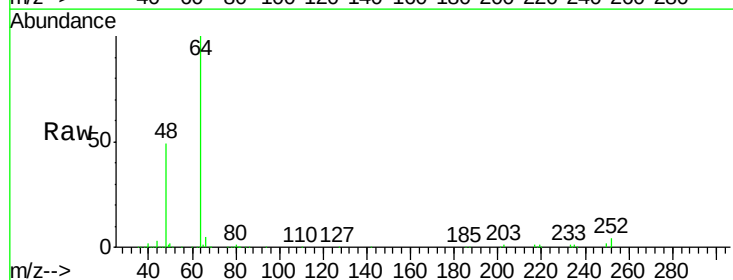
Ion Ratio Lower Upper

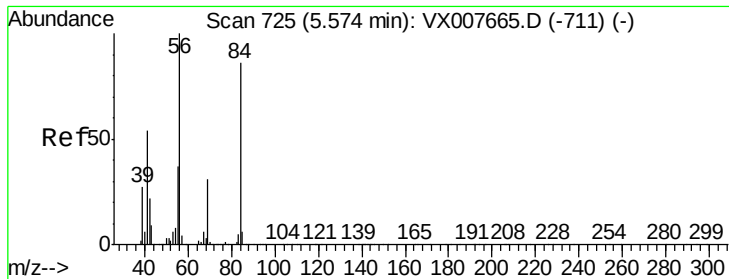
84 100

49 86.0 94.8 142.2#

51 77.4 29.8 44.8#

86 57.0 54.1 81.1

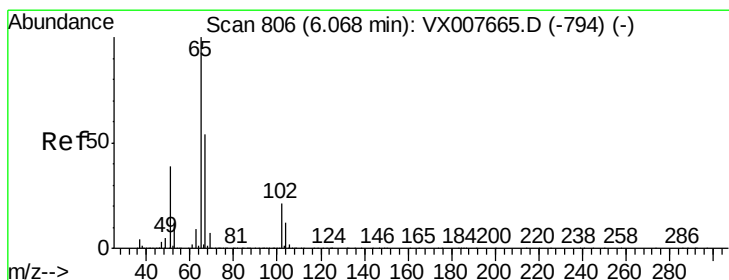
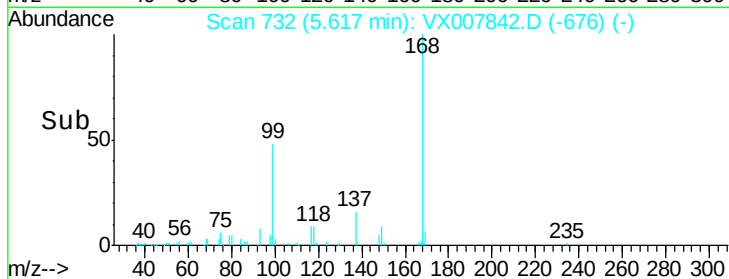
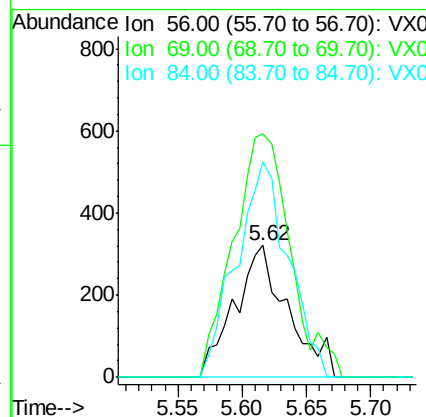
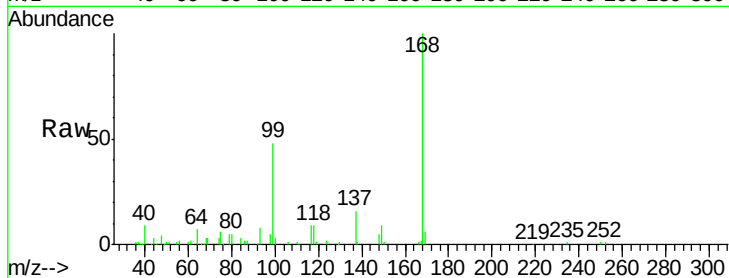




#31
Cyclohexane
Concen: 0.959 ug/l
RT: 5.62 min Scan# 732
Delta R.T. 0.04 min
Lab File: VX007842.D
Acq: 05 Mar 2019 17:28

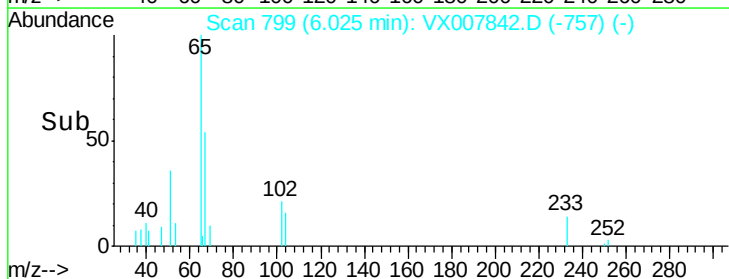
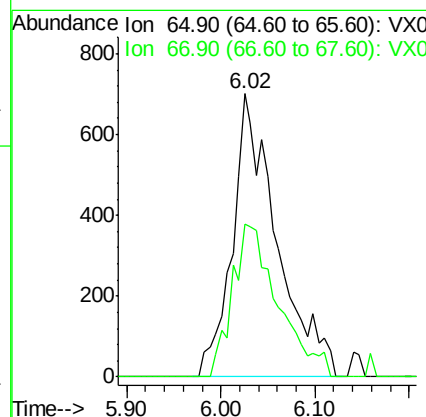
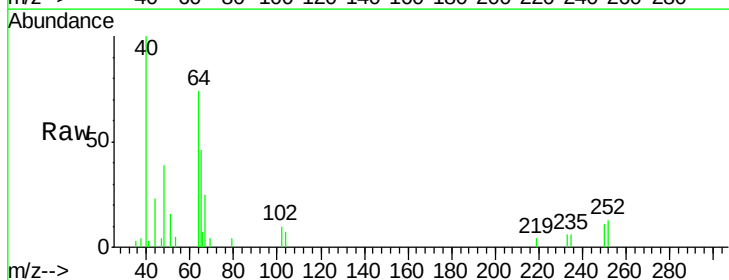
Instrument :
MSVOA_X
ClientSampleId :
M1-T5-UV(POST-HYPO)

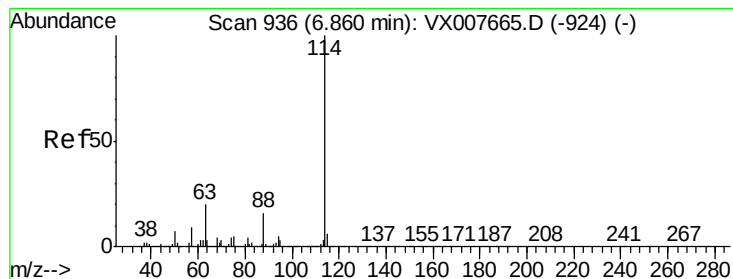
Tot Ion: 56 Resp: 917
Ion Ratio Lower Upper
56 100
69 184.7 23.0 34.6#
84 163.6 69.8 104.6#



#33
1,2-Dichloroethane-d4
Concen: 3.350 ug/l
RT: 6.02 min Scan# 799
Delta R.T. -0.04 min
Lab File: VX007842.D
Acq: 05 Mar 2019 17:28

Tgt Ion: 65 Resp: 2305
Ion Ratio Lower Upper
65 100
67 55.7 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 932

Delta R.T. -0.02 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

M1-T5-UV(POST-HYPO)

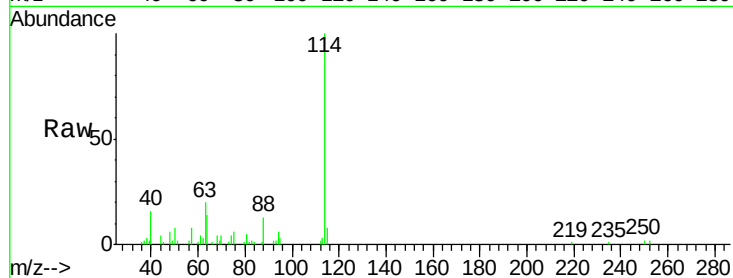
Tot Ion:114 Resp: 26380

Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.6

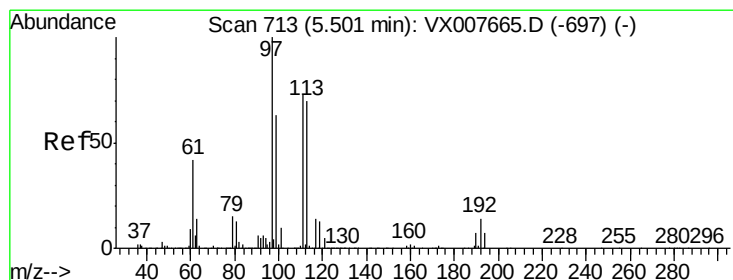
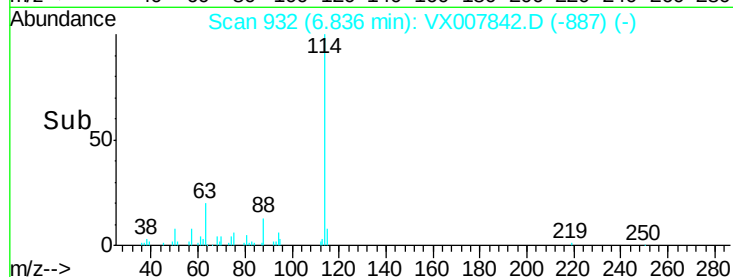
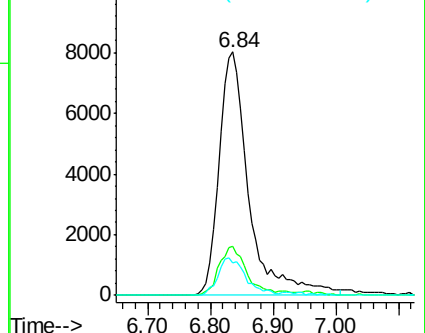
88 13.1 0.0 29.6



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: 8.484 ug/l

RT: 5.45 min Scan# 704

Delta R.T. -0.05 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

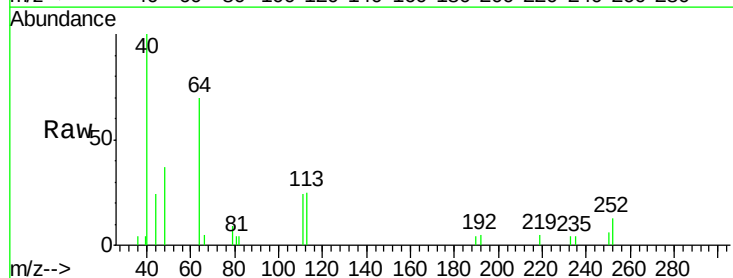
Tgt Ion:113 Resp: 1496

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

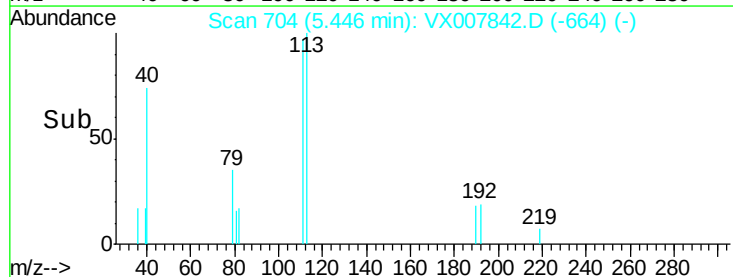
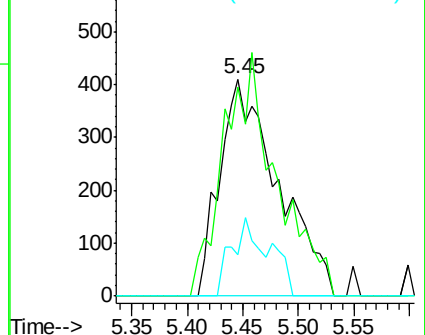
192 16.6 18.5 27.7#

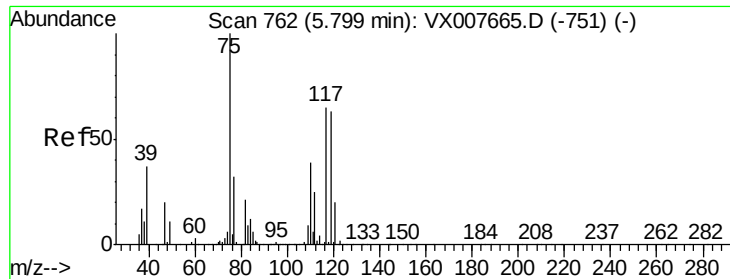


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 0.523 ug/l

RT: 5.68 min Scan# 742

Delta R.T. -0.12 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

M1-T5-UV(POST-HYPO)

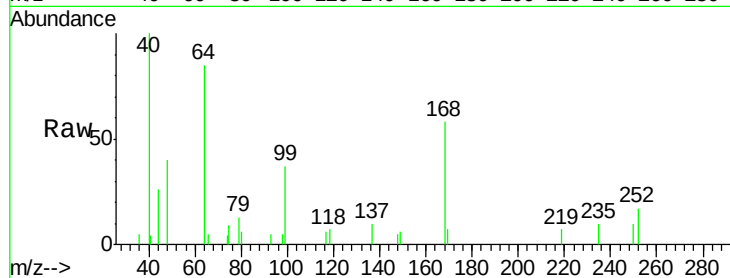
Tot Ion: 75 Resp: 124

Ion Ratio Lower Upper

75 100

110 0.0 20.0 59.9#

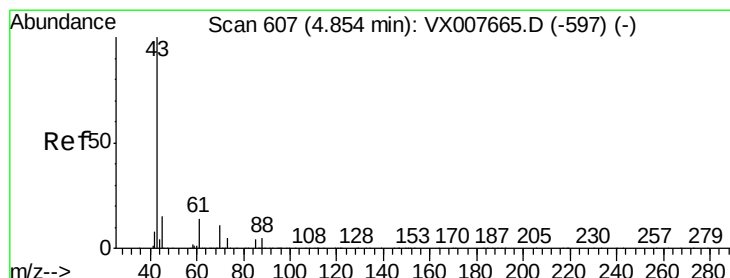
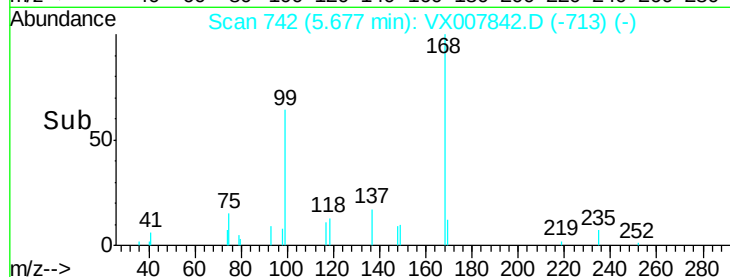
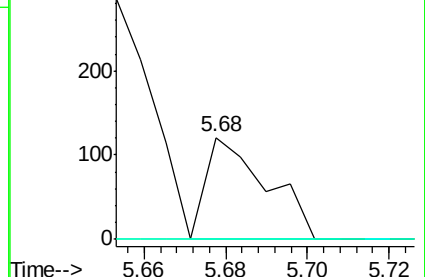
77 0.0 24.7 37.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 0.338 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.02 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

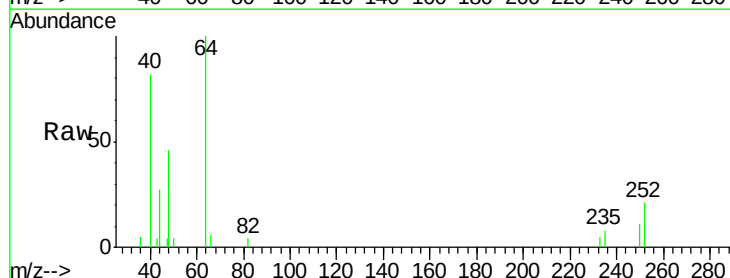
Tgt Ion: 43 Resp: 89

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

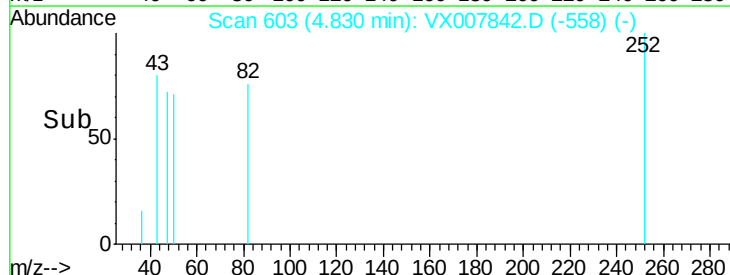
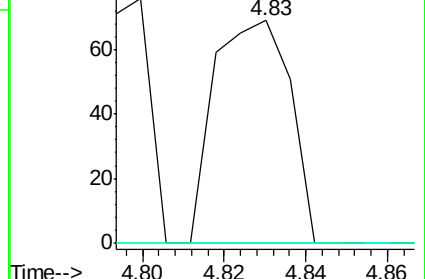
70 0.0 8.6 13.0#

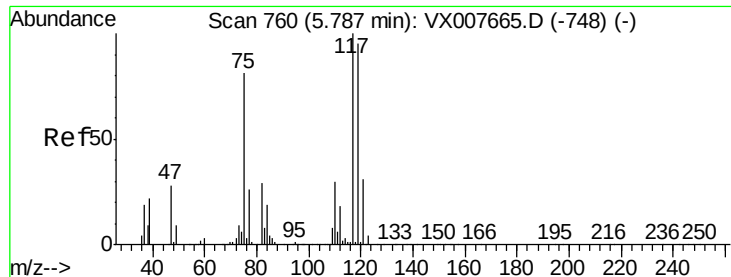


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 19.695 ug/l

RT: 5.61 min Scan# 731

Delta R.T. -0.18 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

M1-T5-UV(POST-HYPO)

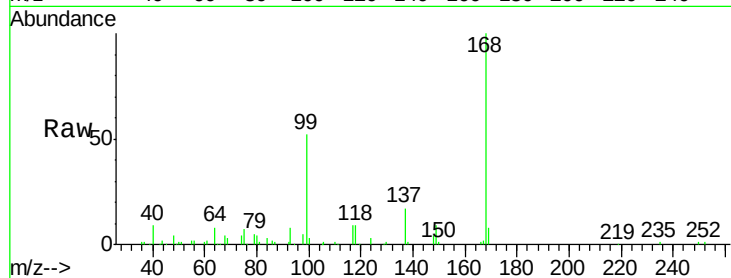
Tot Ion:117 Resp: 4692

Ion Ratio Lower Upper

117 100

119 5.4 75.3 112.9#

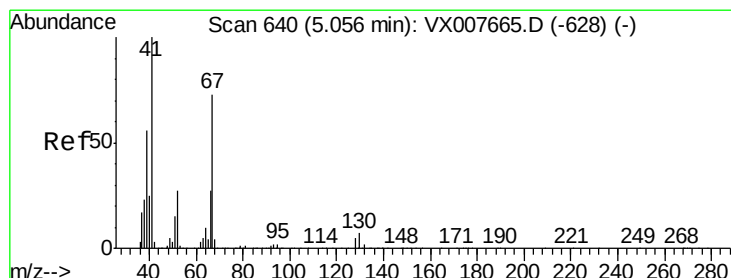
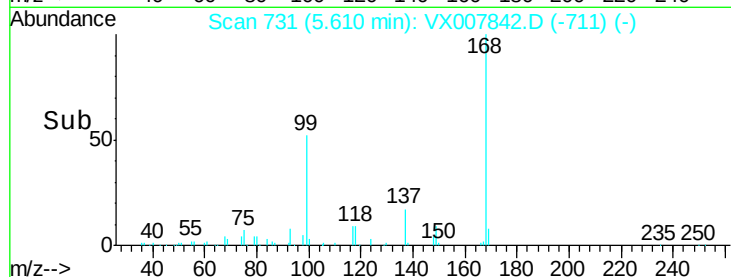
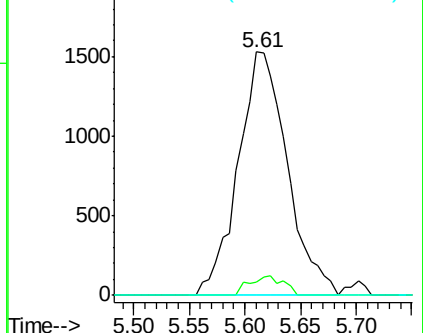
121 0.0 25.0 37.4#



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



#41

Methacrylonitrile

Concen: 0.455 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.02 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

Tgt Ion: 41 Resp: 64

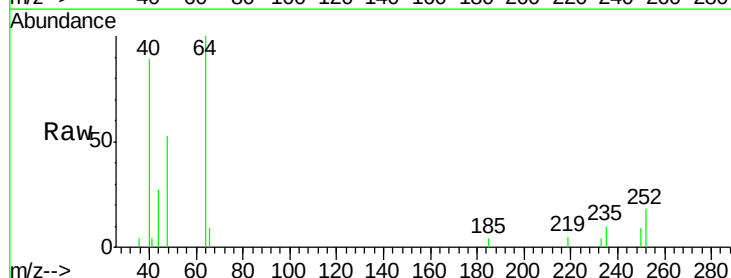
Ion Ratio Lower Upper

41 100

39 103.1 44.5 66.7#

67 0.0 60.4 90.6#

52 0.0 24.1 36.1#

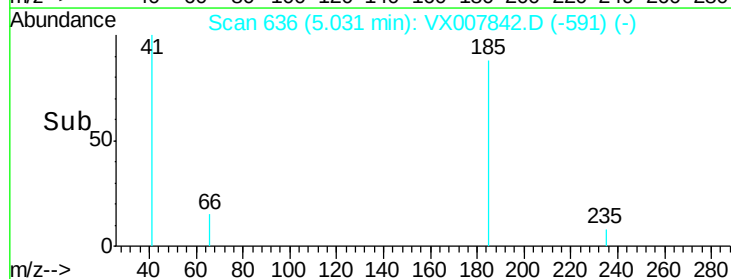
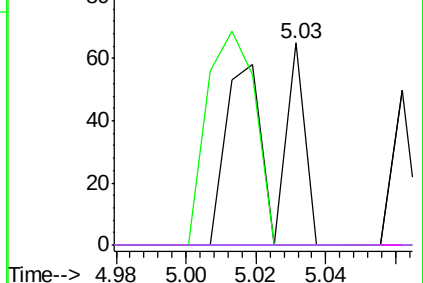


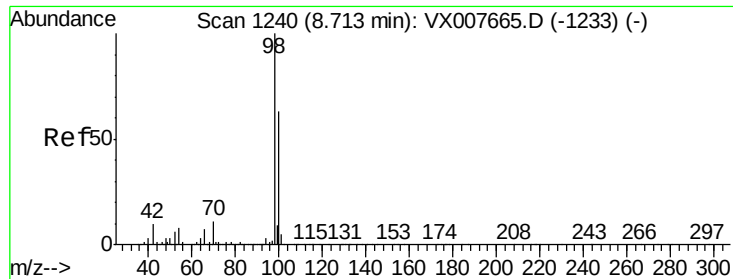
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#50

Toluene-d8

Concen: 182.154 ug/l

RT: 8.70 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

Instrument :

MSVOA_X

ClientSampleId :

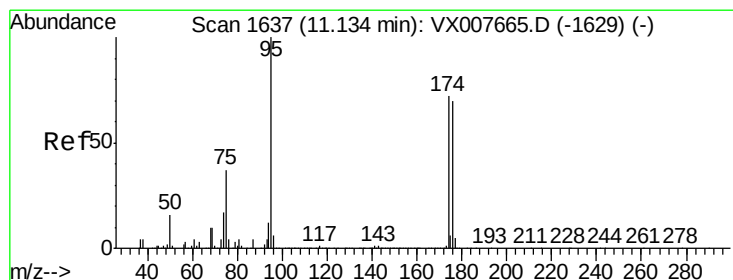
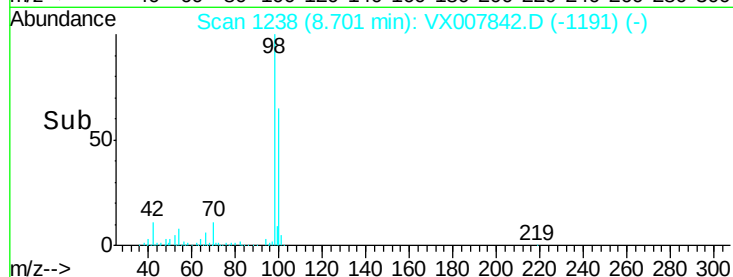
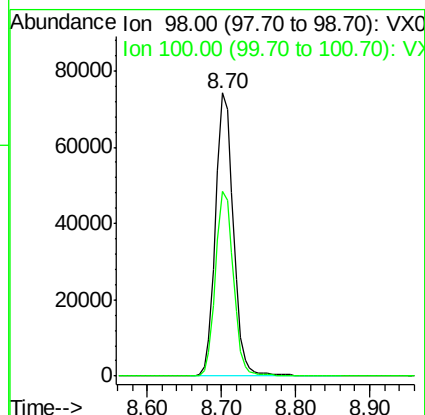
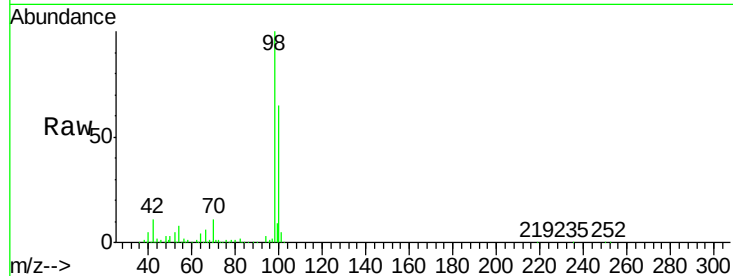
M1-T5-UV(POST-HYPO)

Tot Ion: 98 Resp: 122973

Ion Ratio Lower Upper

98 100

100 65.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 367.339 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007842.D

Acq: 05 Mar 2019 17:28

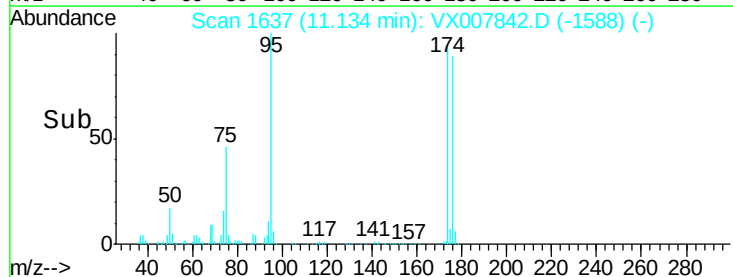
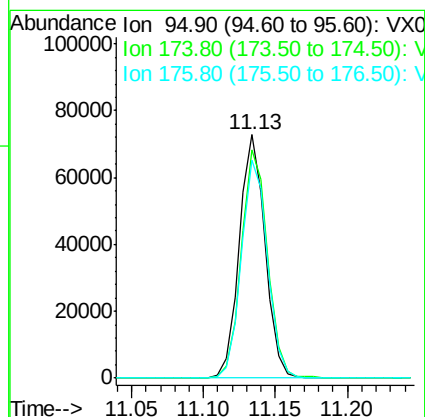
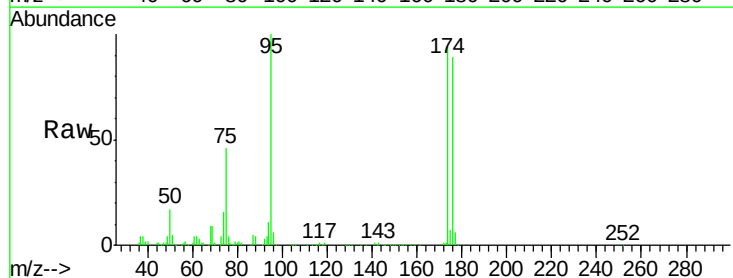
Tgt Ion: 95 Resp: 91022

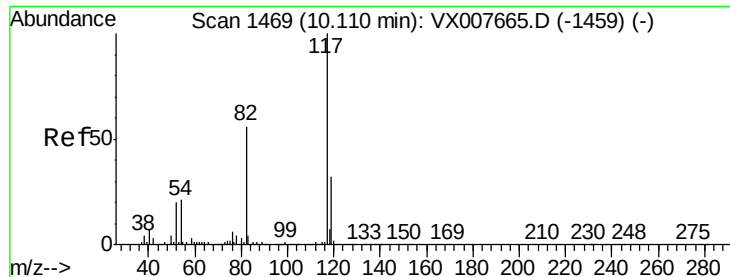
Ion Ratio Lower Upper

95 100

174 94.8 0.0 189.2

176 90.4 0.0 186.2

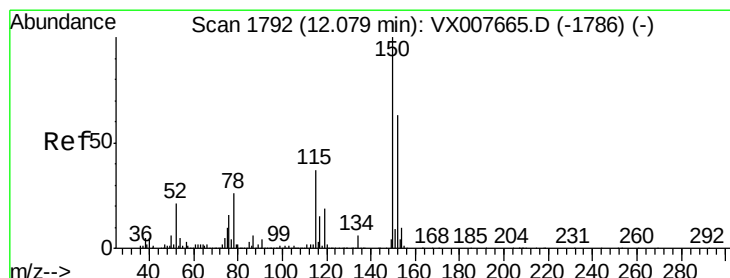
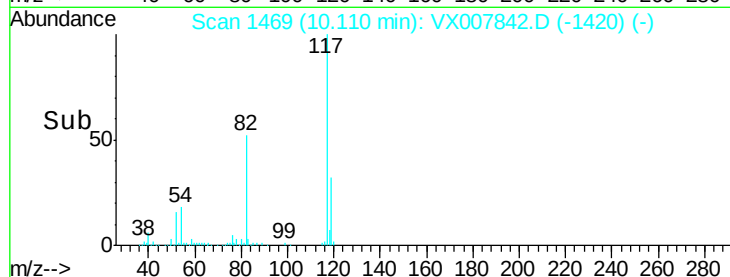
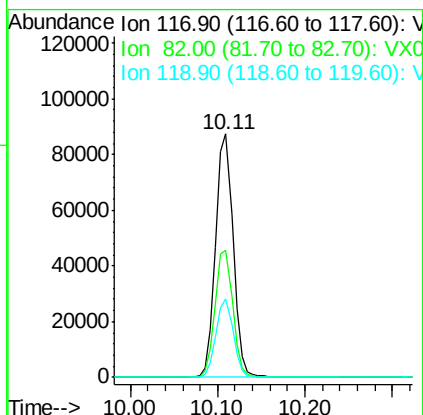
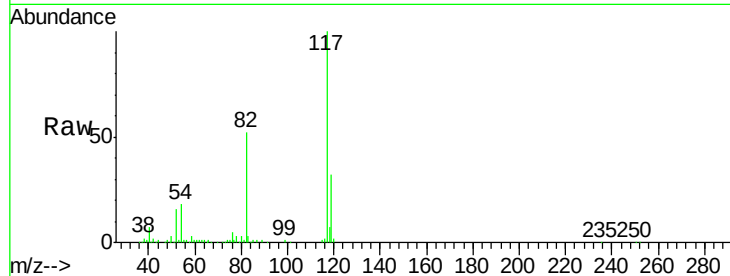




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007842.D
Acq: 05 Mar 2019 17:28

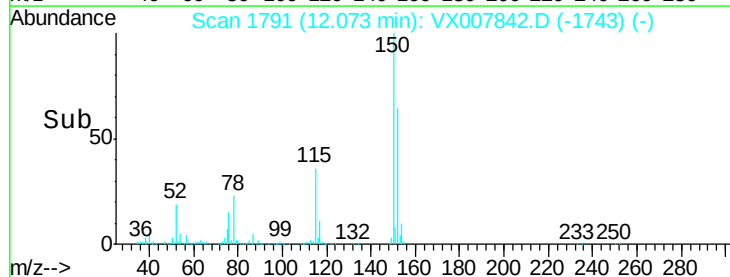
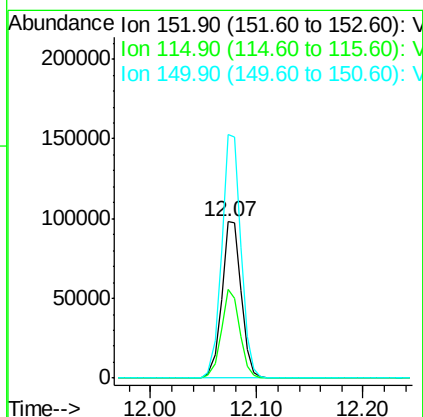
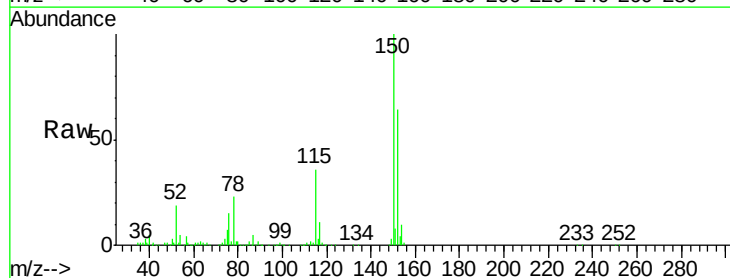
Instrument :
MSVOA_X
ClientSampleId :
M1-T5-UV(POST-HYPO)

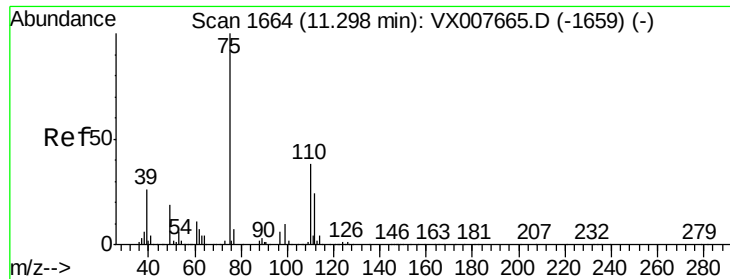
Tot Ion:117 Resp: 121594
Ion Ratio Lower Upper
117 100
82 52.2 42.1 63.1
119 32.2 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.01 min
Lab File: VX007842.D
Acq: 05 Mar 2019 17:28

Tgt Ion:152 Resp: 124724
Ion Ratio Lower Upper
152 100
115 54.1 38.0 114.0
150 155.2 0.0 346.4

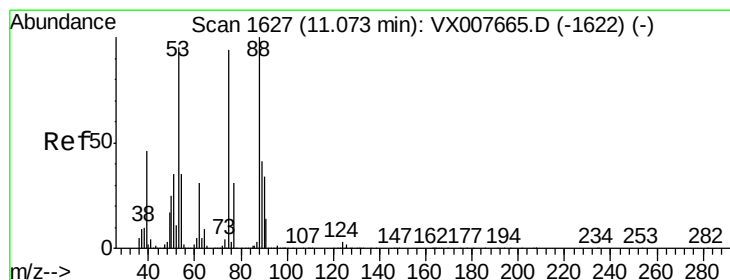
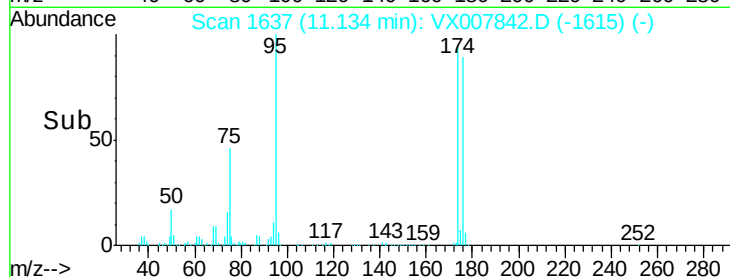
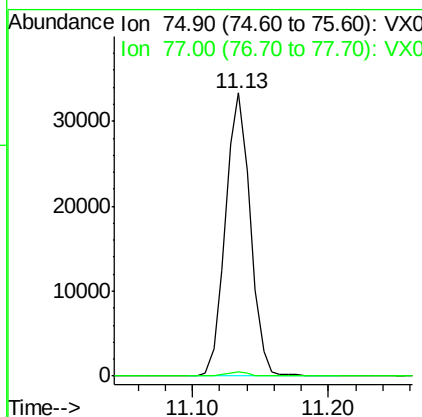
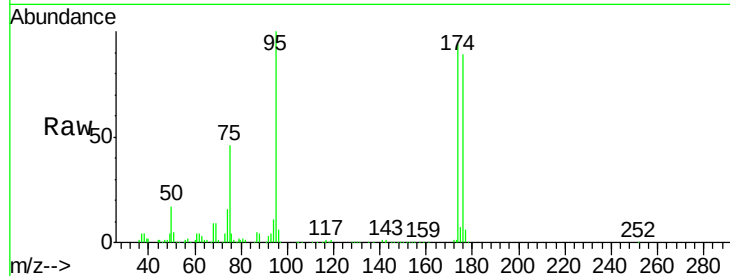




#76
 1,2,3-Trichloropropane
 Concen: 15.865 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007842.D
 Acq: 05 Mar 2019 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 M1-T5-UV(POST-HYPO)

Tot Ion: 75 Resp: 42179
 Ion Ratio Lower Upper
 75 100
 77 1.3 23.0 69.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.965 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007842.D
 Acq: 05 Mar 2019 17:28

Tgt Ion: 75 Resp: 42179
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.0 121.6#
 89 0.0 41.4 62.0#

