

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX082319\
 Data File : VX011793.D
 Acq On : 23 Aug 2019 13:19
 Operator : JC/SP
 Sample : K4386-16
 Misc : 5.79g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-A1-(2)

Quant Time: Aug 26 01:53:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	448863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	594487	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	540008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	310785	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	181871	40.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.66%	
35) Dibromofluoromethane	5.49	113	159742	41.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.10%	
50) Toluene-d8	8.71	98	677886	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.13	95	257550	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

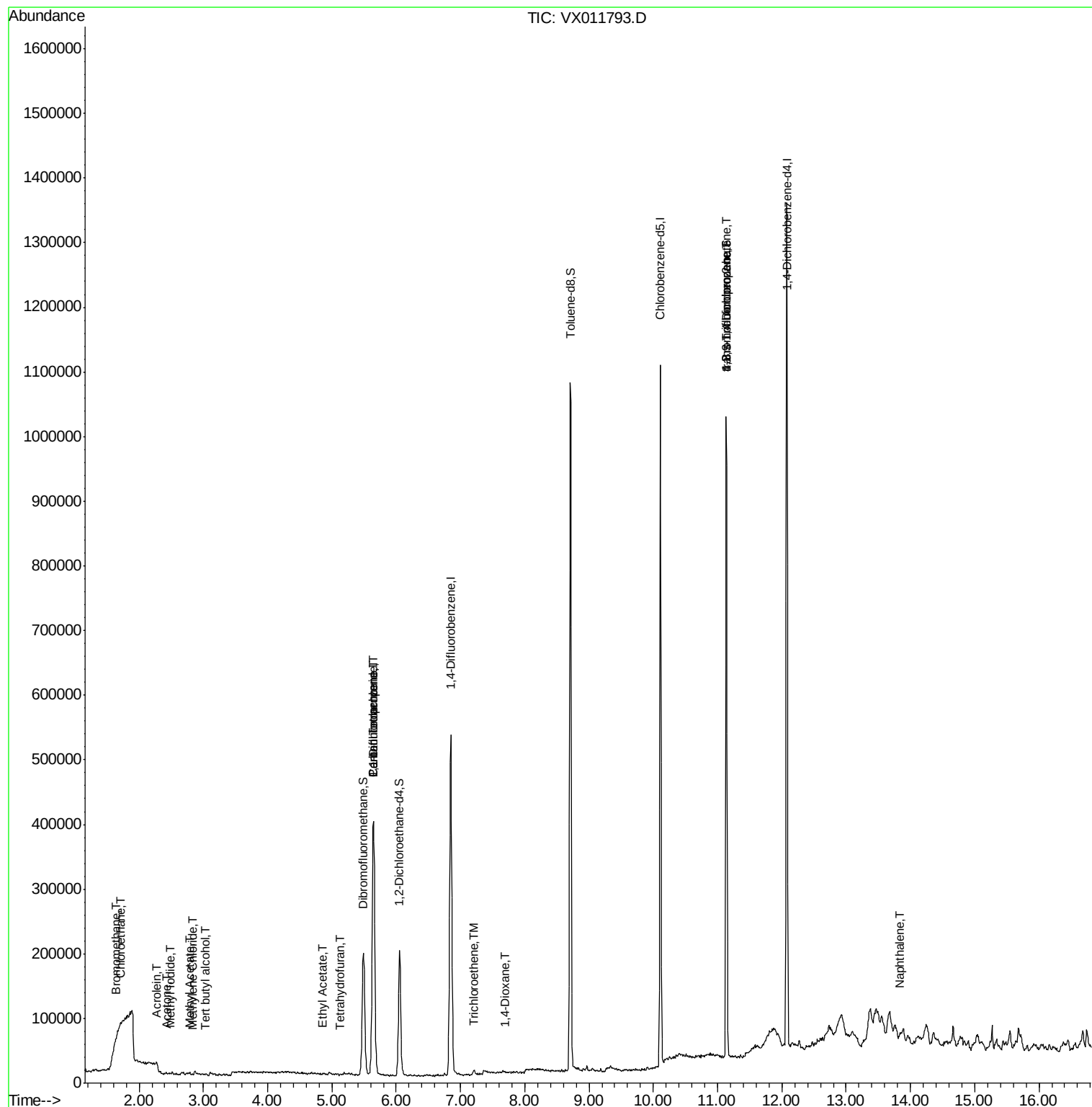
Target Compounds						Qvalue
5) Bromomethane	1.63	94	534	0.264	ug/l #	69
6) Chloroethane	1.71	64	675	0.314	ug/l #	66
10) Methyl Iodide	2.48	142	1093	0.247	ug/l #	63
11) Tert butyl alcohol	3.03	59	252	0.283	ug/l #	72
13) Acrolein	2.28	56	141	0.409	ug/l #	1
16) Acetone	2.44	43	513	0.262	ug/l #	49
18) Methyl Acetate	2.79	43	1976	0.371	ug/l #	81
20) Methylene Chloride	2.84	84	1349	0.336	ug/l #	59
29) Tetrahydrofuran	5.12	42	374	0.207	ug/l #	31
36) 1,1-Dichloropropene	5.65	75	24321	5.217	ug/l #	52
37) Ethyl Acetate	4.85	43	1216	0.246	ug/l	98
38) Carbon Tetrachloride	5.64	117	36496	6.908	ug/l #	15
44) Trichloroethene	7.21	130	3136	0.705	ug/l	79
49) 1,4-Dioxane	7.69	88	106	0.963	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	114232	20.947	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	114232	63.173	ug/l #	11
95) Naphthalene	13.83	128	5780	0.297	ug/l #	69

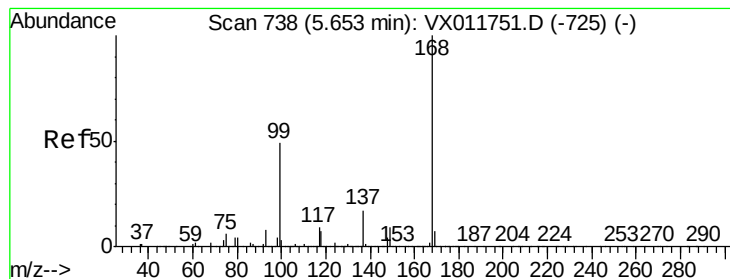
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082319\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

Lab File: VX011793.D

Acq: 23 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

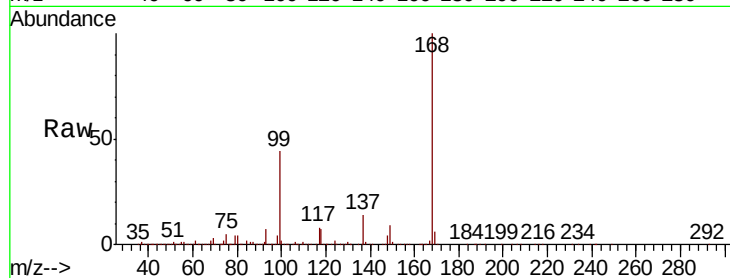
T6-A1-(2)

Tgt Ion:168 Resp: 448863

Ion Ratio Lower Upper

168 100

99 44.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

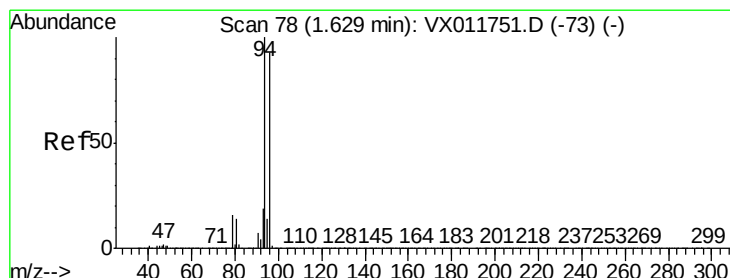
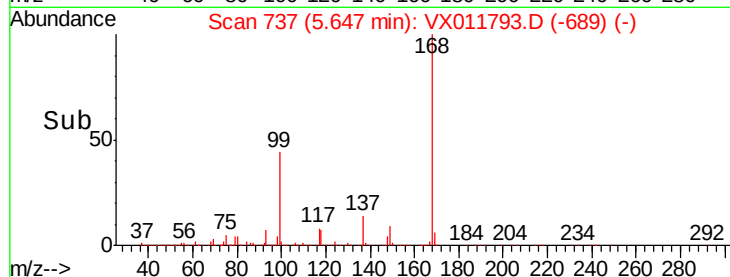
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.264 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011793.D

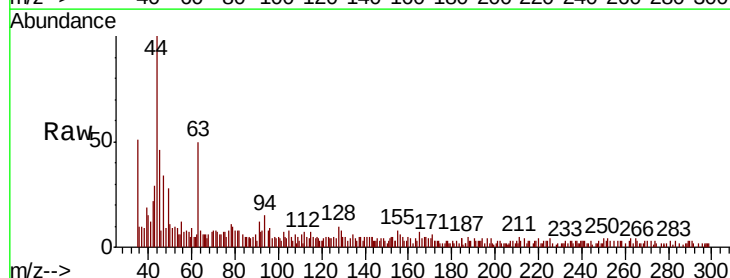
Acq: 23 Aug 2019 13:19

Tgt Ion: 94 Resp: 534

Ion Ratio Lower Upper

94 100

96 63.3 74.1 111.1#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

600

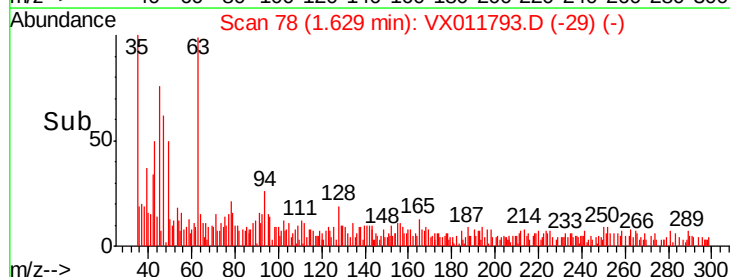
400

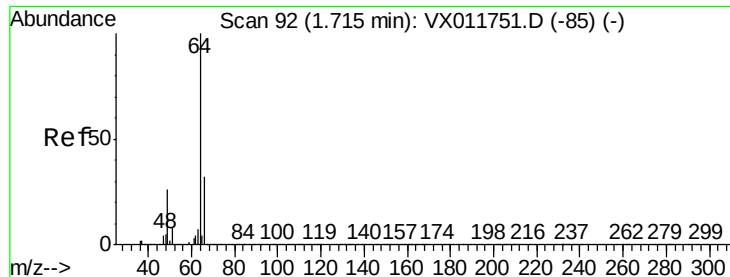
200

0

Time-->

1.60 1.62 1.64 1.66





#6

Chloroethane

Concen: 0.314 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX011793.D

Acq: 23 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampled :

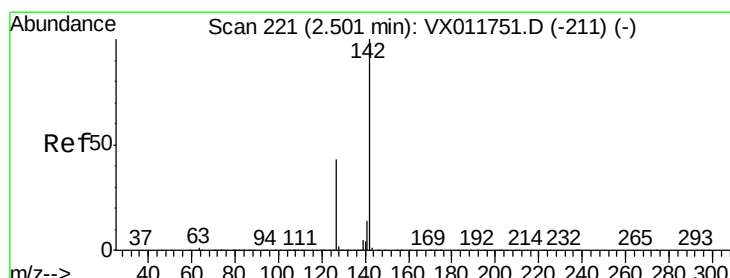
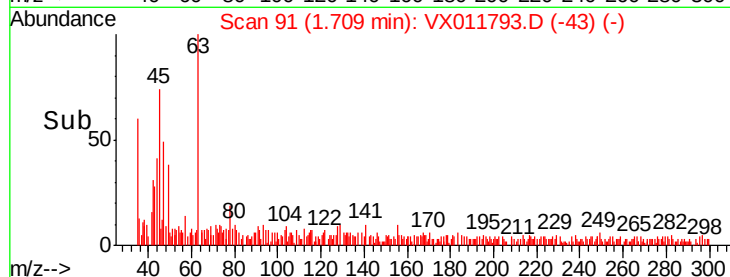
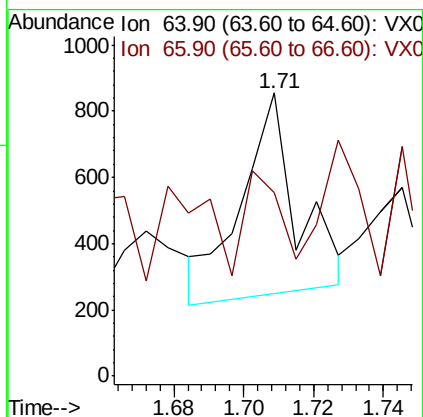
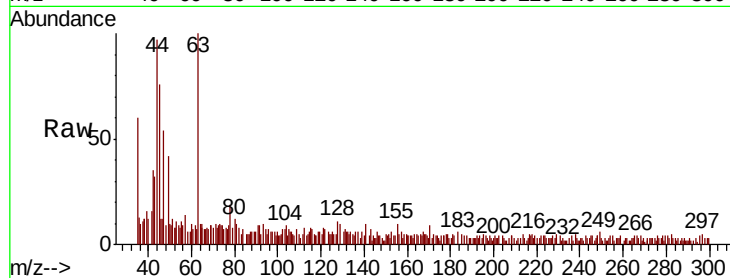
T6-A1-(2)

Tgt Ion: 64 Resp: 675

Ion Ratio Lower Upper

64 100

66 12.6 24.9 37.3#



#10

Methyl Iodide

Concen: 0.247 ug/l

RT: 2.48 min Scan# 217

Delta R.T. -0.02 min

Lab File: VX011793.D

Acq: 23 Aug 2019 13:19

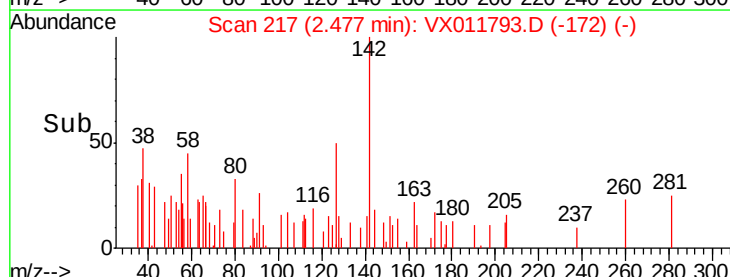
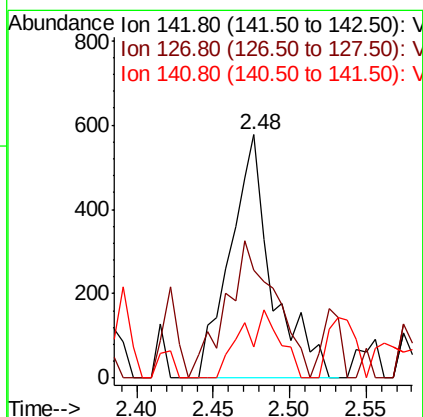
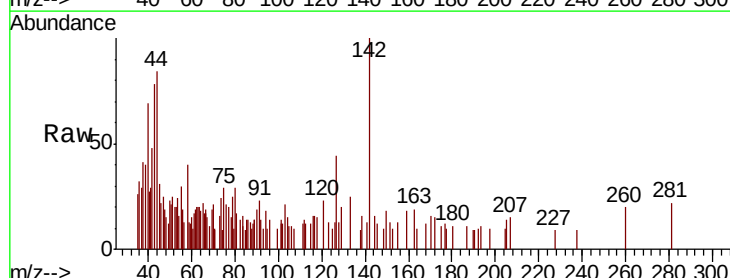
Tgt Ion: 142 Resp: 1093

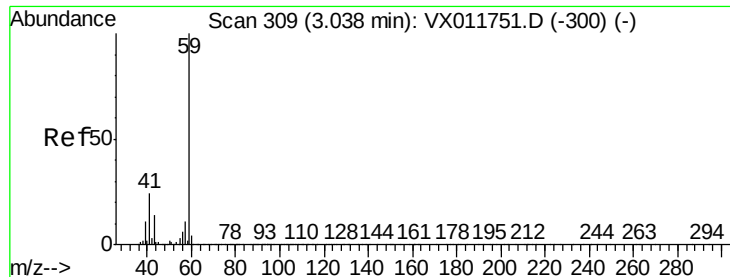
Ion Ratio Lower Upper

142 100

127 67.0 33.5 50.3#

141 26.1 11.4 17.2#

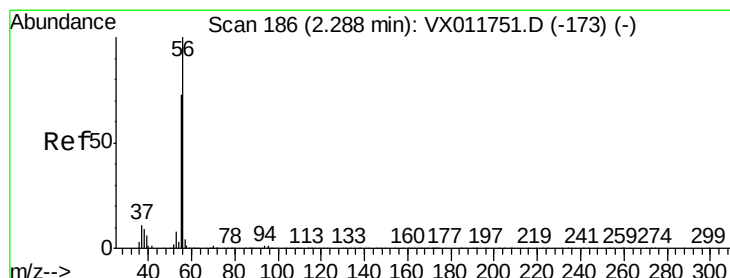
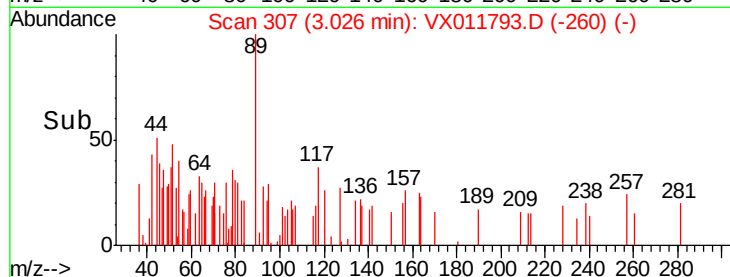
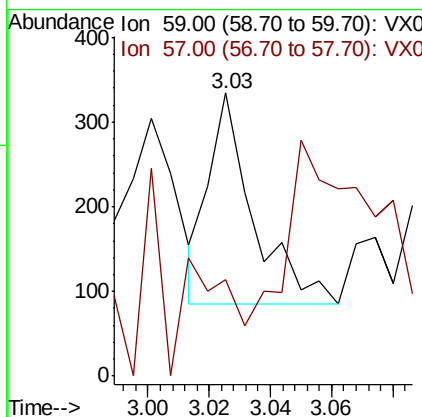
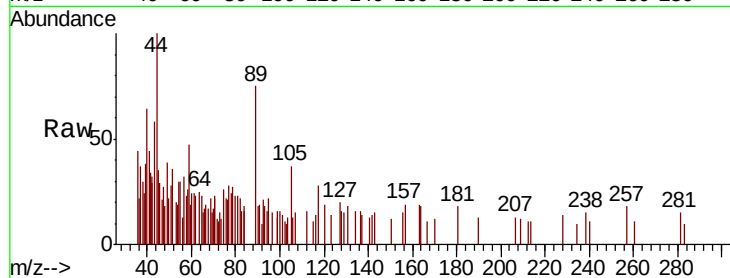




#11
Tert butyl alcohol
Concen: 0.283 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX011793.D
Acq: 23 Aug 2019 13:19

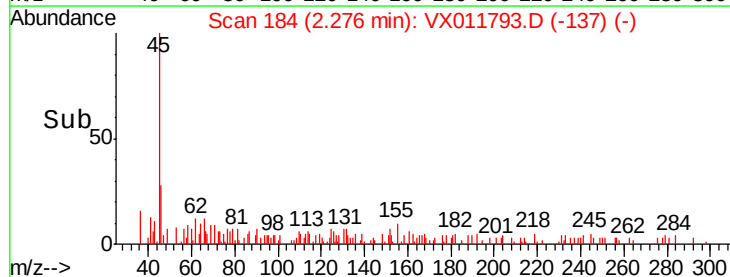
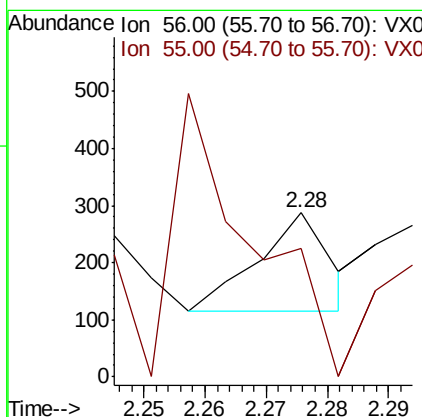
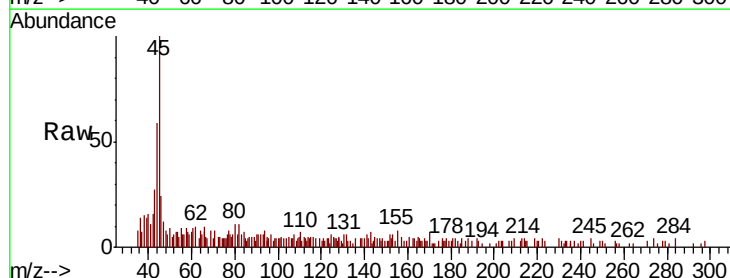
Instrument :
MSVOA_X
ClientSampleId :
T6-A1-(2)

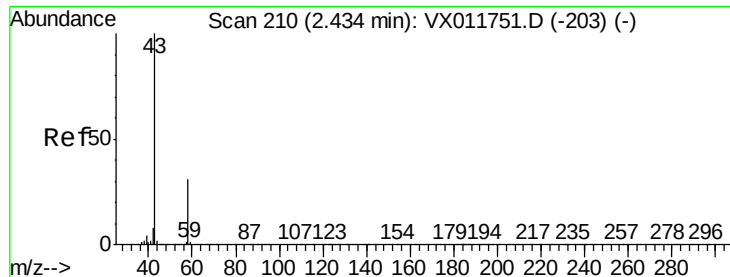
Tgt Ion: 59 Resp: 252
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#13
Acrolein
Concen: 0.409 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.01 min
Lab File: VX011793.D
Acq: 23 Aug 2019 13:19

Tgt Ion: 56 Resp: 141
Ion Ratio Lower Upper
56 100
55 310.6 54.8 82.2#

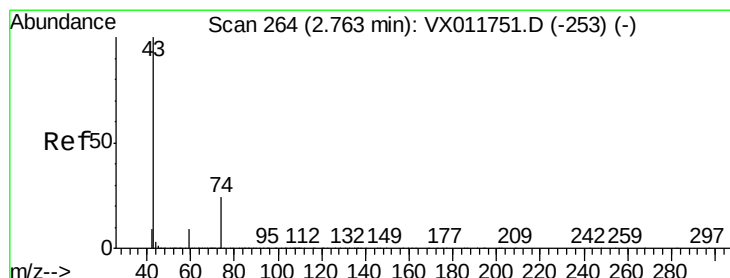
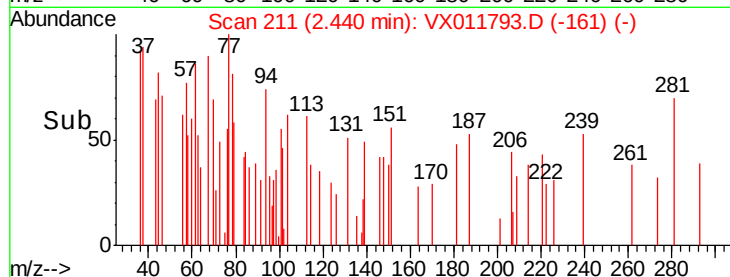
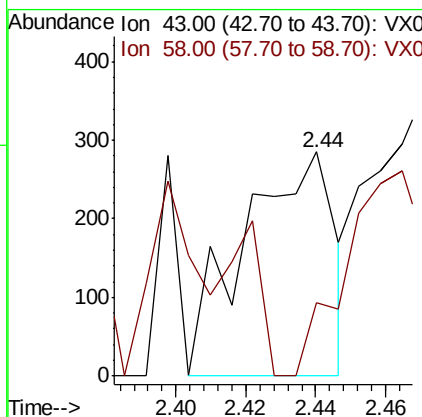
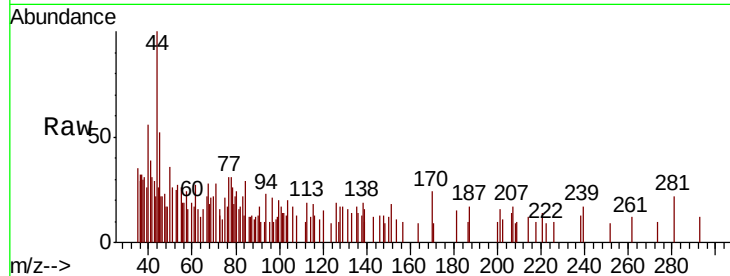




#16
Acetone
Concen: 0.262 ug/l
RT: 2.44 min Scan# 211
Delta R.T. 0.01 min
Lab File: VX011793.D
Acq: 23 Aug 2019 13:19

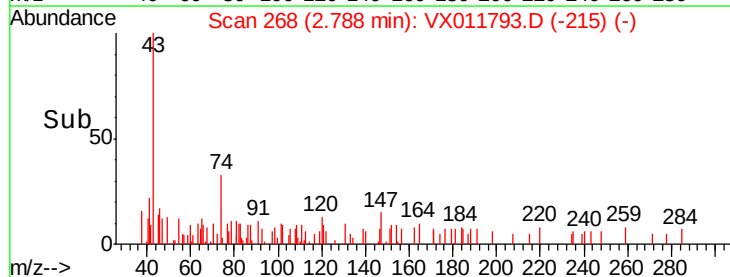
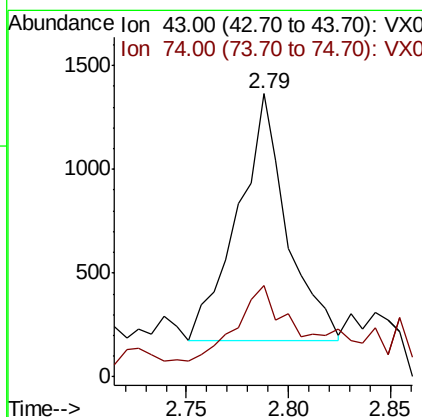
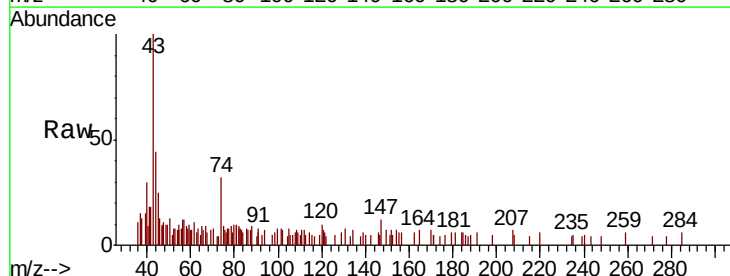
Instrument :
MSVOA_X
ClientSampleId :
T6-A1-(2)

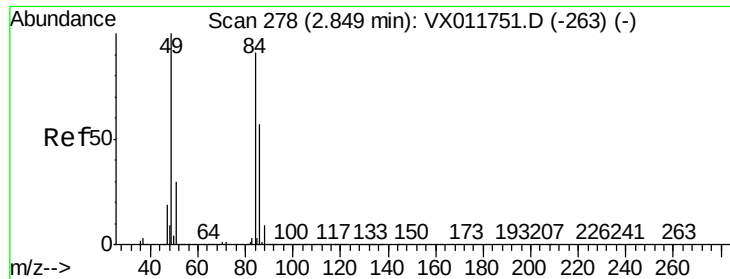
Tgt Ion: 43 Resp: 513
Ion Ratio Lower Upper
43 100
58 2.8 24.4 36.6#



#18
Methyl Acetate
Concen: 0.371 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.02 min
Lab File: VX011793.D
Acq: 23 Aug 2019 13:19

Tgt Ion: 43 Resp: 1976
Ion Ratio Lower Upper
43 100
74 33.7 19.5 29.3#





#20

Methylene Chloride

Concen: 0.336 ug/l

RT: 2.84 min Scan# 276

Delta R.T. -0.01 min

Lab File: VX011793.D

Acq: 23 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

T6-A1-(2)

Tgt Ion: 84 Resp: 1349

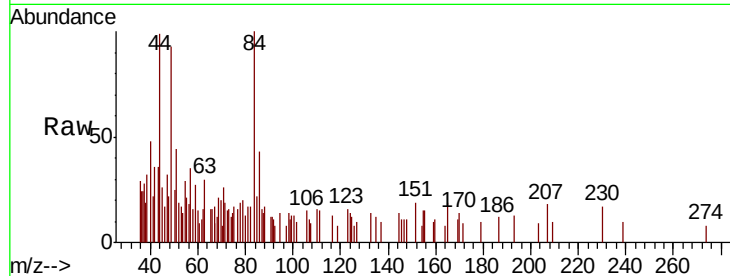
Ion Ratio Lower Upper

84 100

49 71.4 88.3 132.5#

51 27.5 26.2 39.2

86 11.8 50.6 76.0#

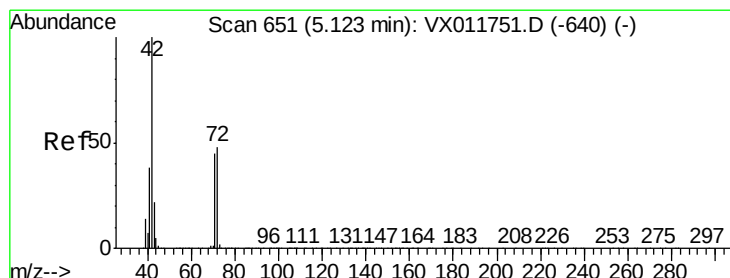
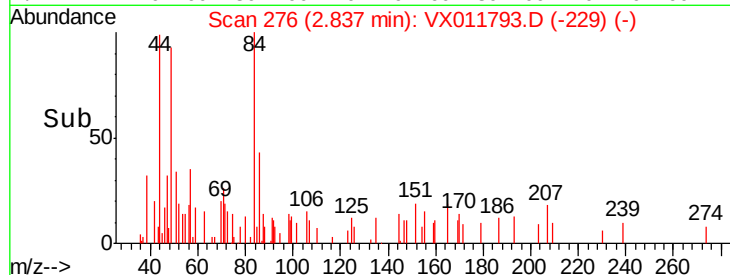
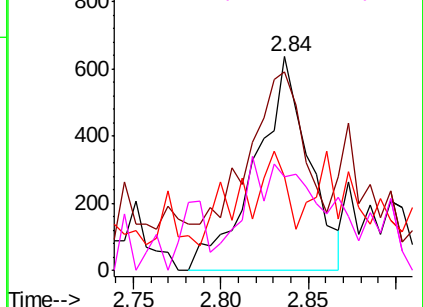


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#29

Tetrahydrofuran

Concen: 0.207 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.00 min

Lab File: VX011793.D

Acq: 23 Aug 2019 13:19

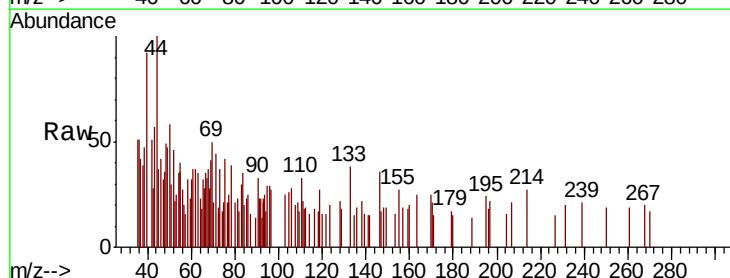
Tgt Ion: 42 Resp: 374

Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

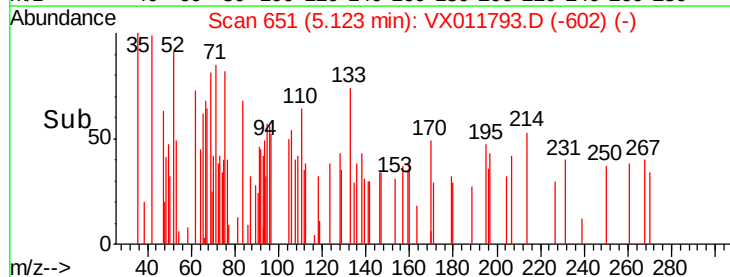
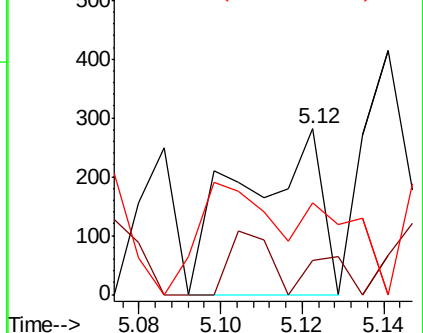
71 0.0 34.6 51.8#

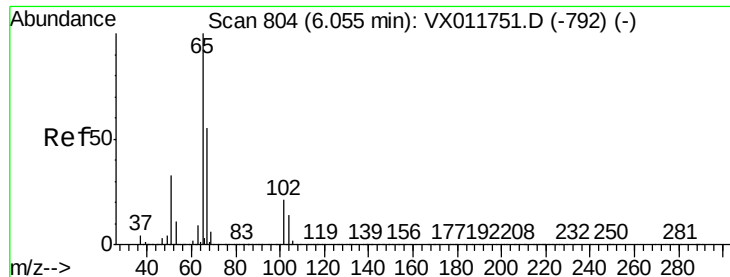


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

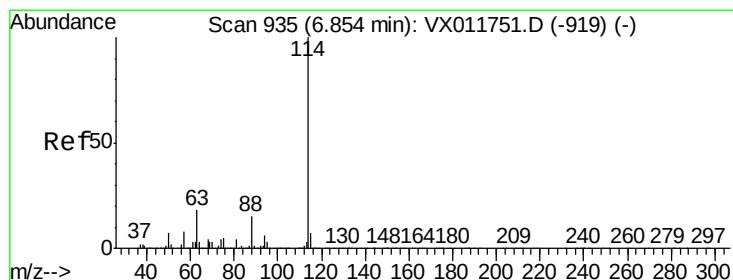
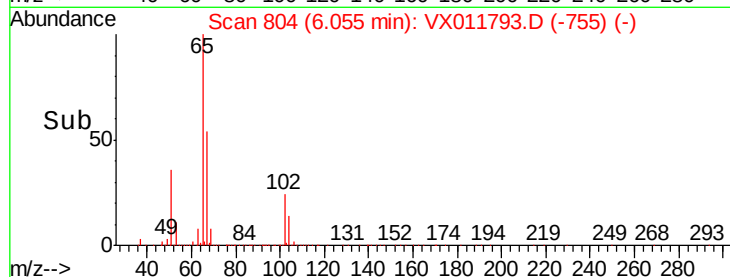
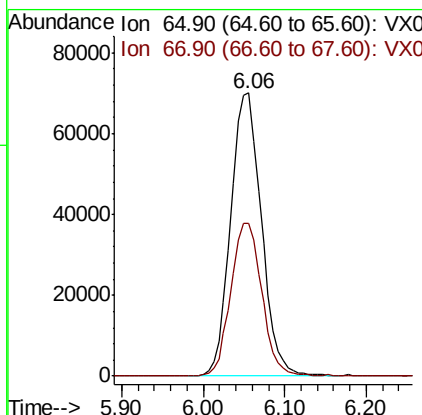
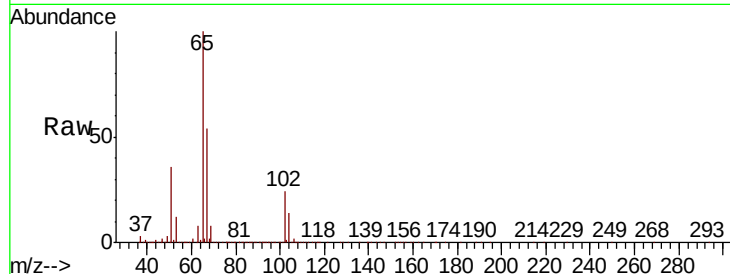




#33
 1,2-Dichloroethane-d4
 Concen: 40.334 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX011793.D
 Acq: 23 Aug 2019 13:19

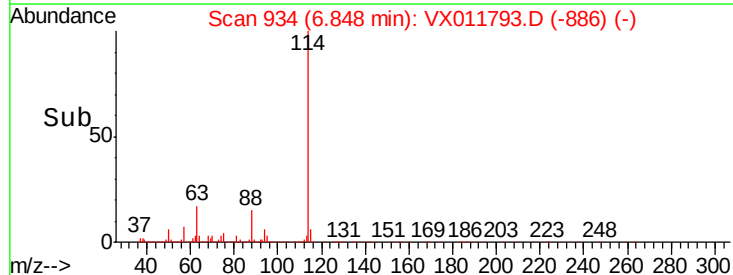
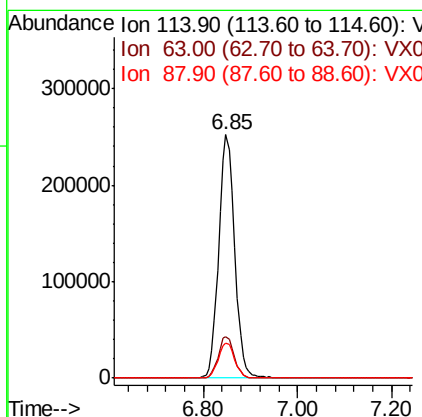
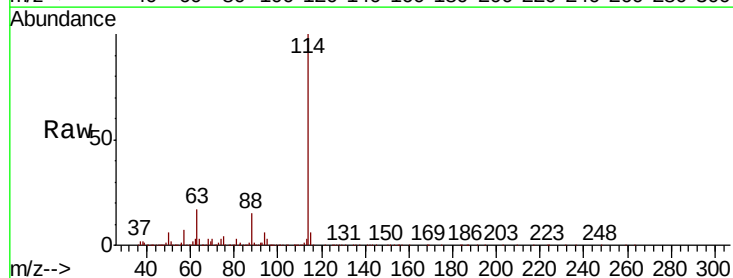
Instrument :
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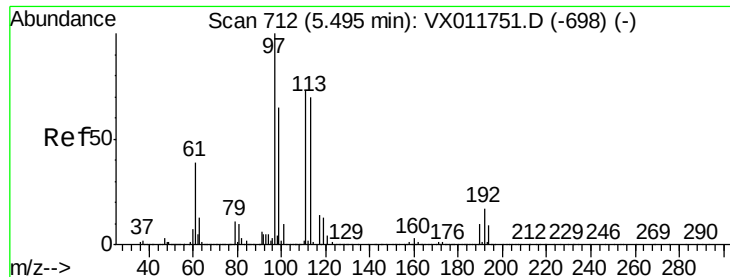
Tgt Ion: 65 Resp: 181871
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: VX011793.D
 Acq: 23 Aug 2019 13:19

Tgt Ion: 114 Resp: 594487
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 36.8
 88 14.5 0.0 30.2

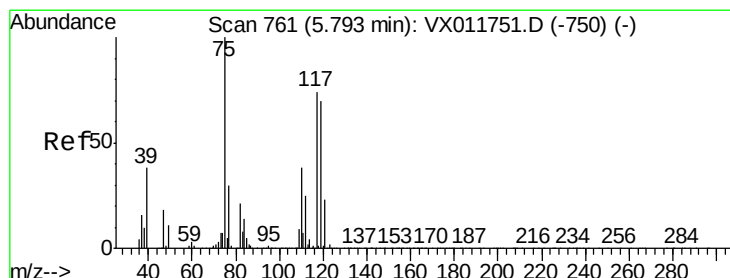
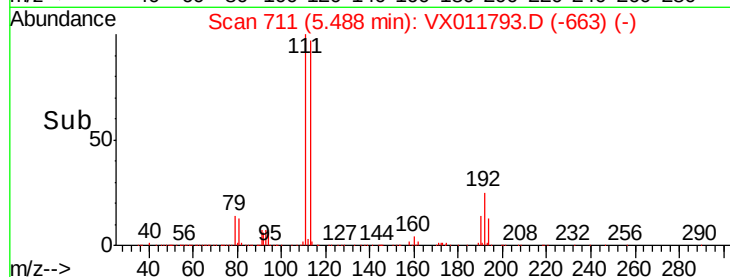
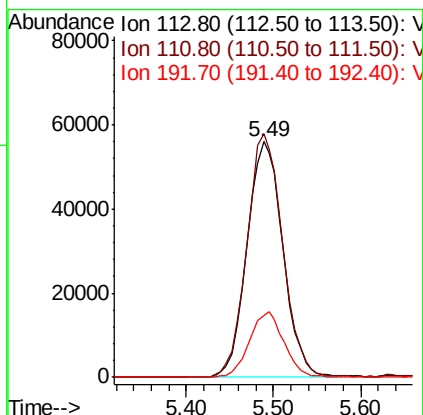
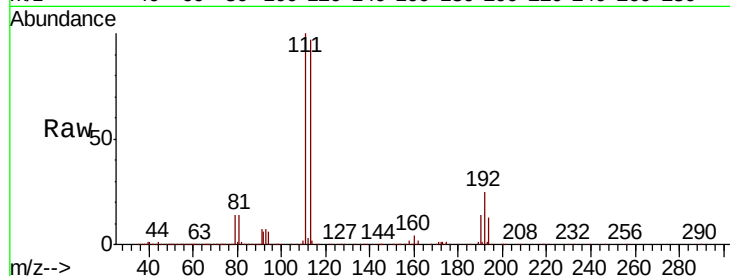




#35
 Dibromofluoromethane
 Concen: 41.554 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011793.D
 Acq: 23 Aug 2019 13:19

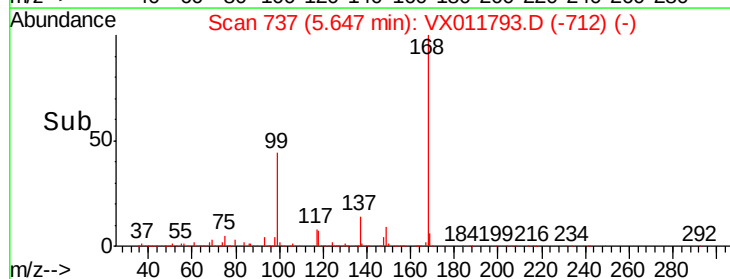
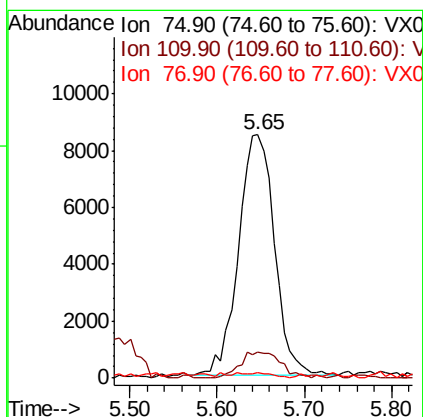
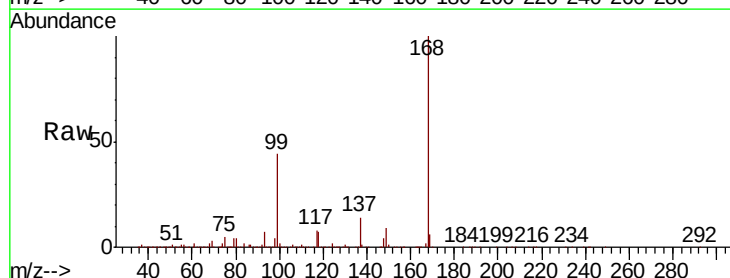
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 MSVOA_X
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 T6-A1-(2)

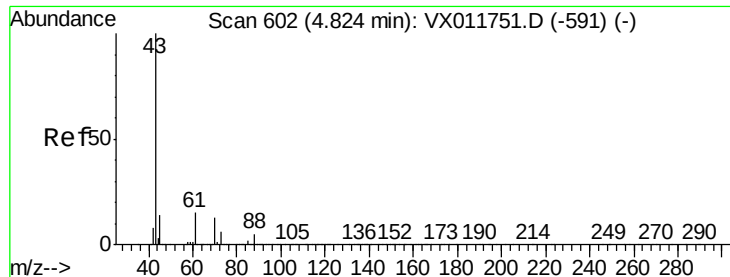
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.0	121.4
192	26.8	19.9	29.9



#36
 1,1-Dichloropropene
 Concen: 5.217 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.15 min
 Lab File: VX011793.D
 Acq: 23 Aug 2019 13:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	12.2	19.0	57.0#
77	1.1	24.6	36.8#

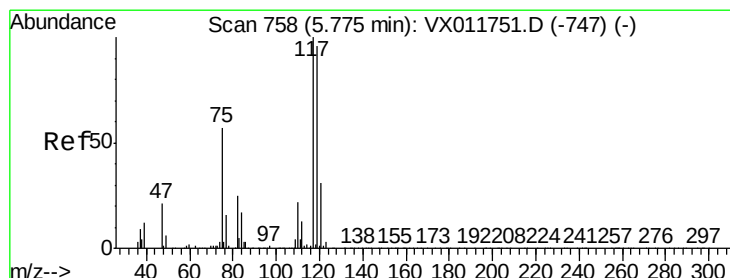
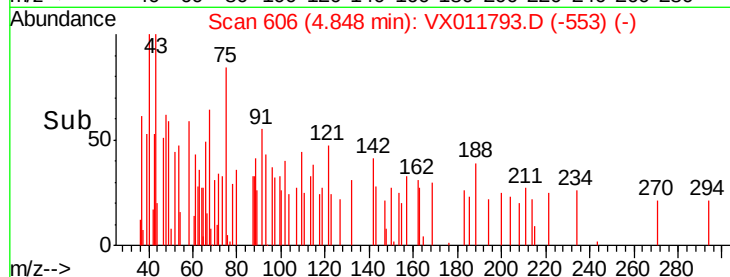
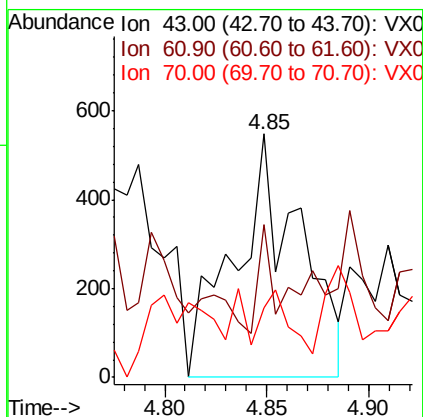
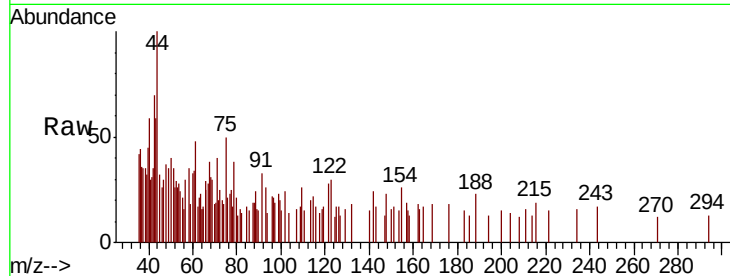




#37
Ethyl Acetate
Concen: 0.246 ug/l
RT: 4.85 min Scan# 606
Delta R.T. 0.02 min
Lab File: VX011793.D
Acq: 23 Aug 2019 13:19

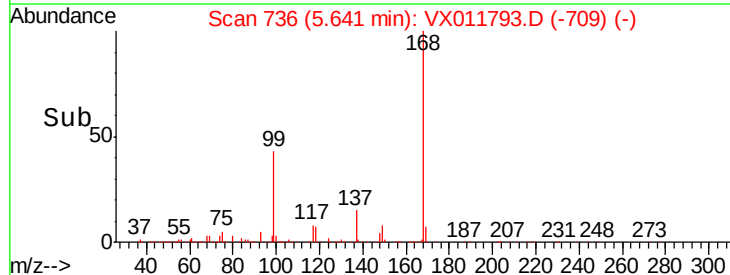
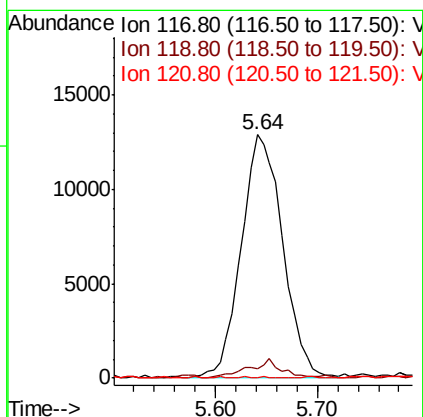
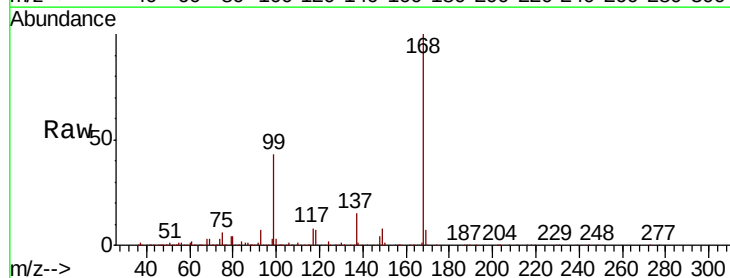
Instrument :
MSVOA_X
ClientSampled :
T6-A1-(2)

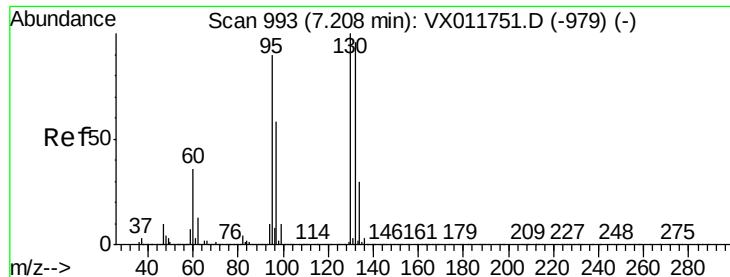
Tgt Ion: 43 Resp: 1216
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 13.8 9.5 14.3



#38
Carbon Tetrachloride
Concen: 6.908 ug/l
RT: 5.64 min Scan# 736
Delta R.T. -0.13 min
Lab File: VX011793.D
Acq: 23 Aug 2019 13:19

Tgt Ion: 117 Resp: 36496
Ion Ratio Lower Upper
117 100
119 3.8 76.6 114.8#
121 0.0 25.2 37.8#





#44

Trichloroethene

Concen: 0.705 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011793.D

Acq: 23 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

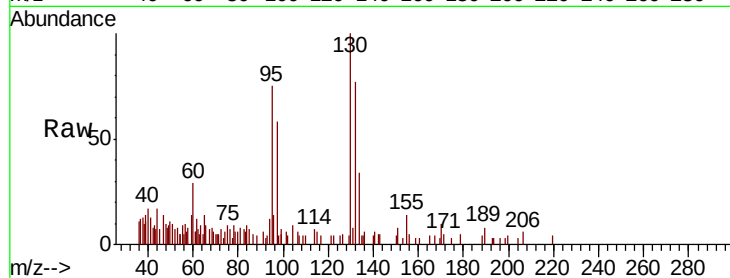
T6-A1-(2)

Tgt Ion: 130 Resp: 3136

Ion Ratio Lower Upper

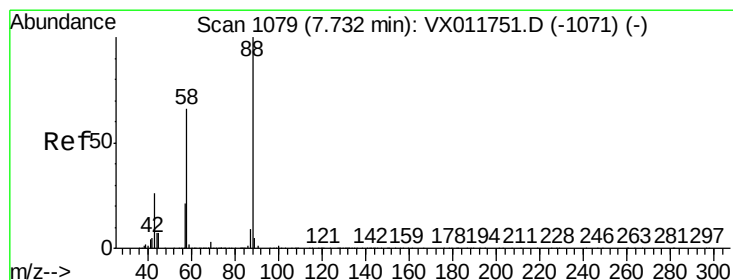
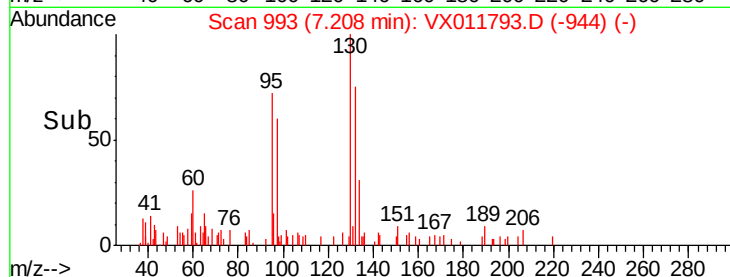
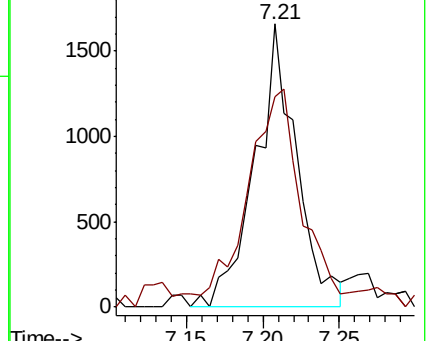
130 100

95 69.9 0.0 179.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.963 ug/l

RT: 7.69 min Scan# 1072

Delta R.T. -0.04 min

Lab File: VX011793.D

Acq: 23 Aug 2019 13:19

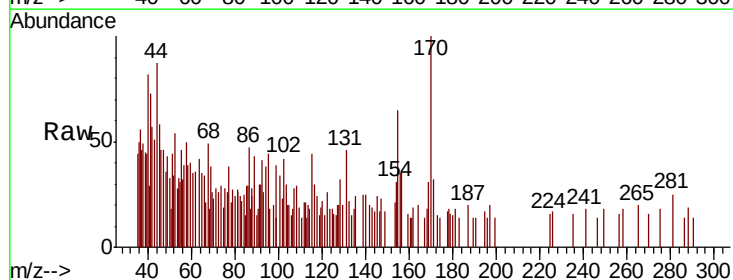
Tgt Ion: 88 Resp: 106

Ion Ratio Lower Upper

88 100

43 38.7 24.6 37.0#

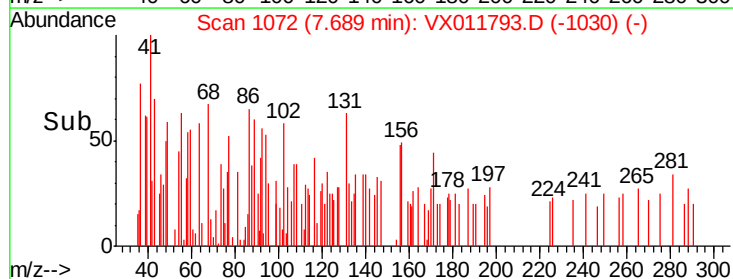
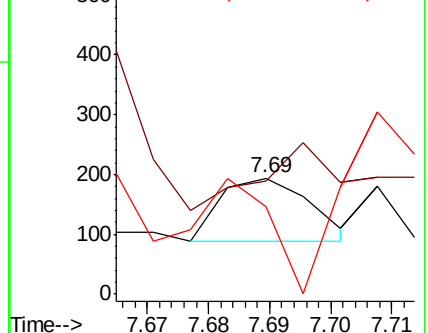
58 347.2 51.4 77.2#

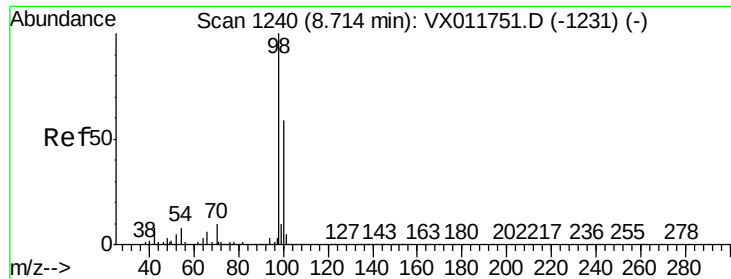


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

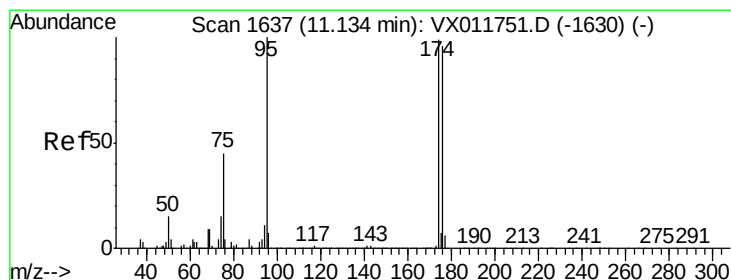
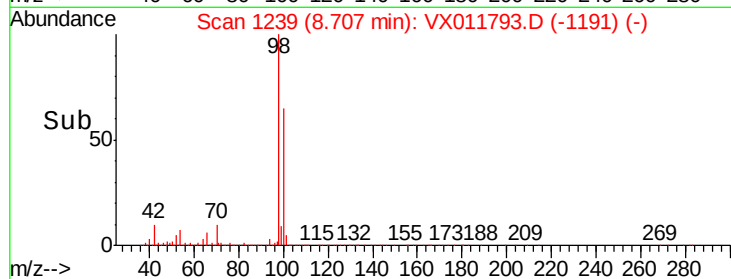
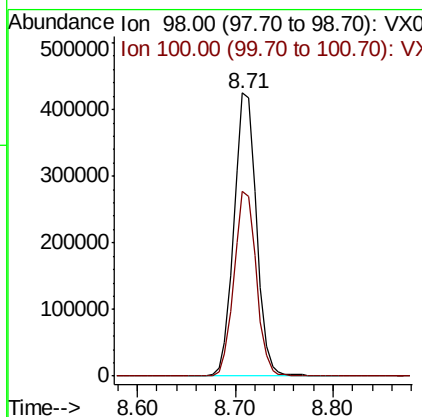
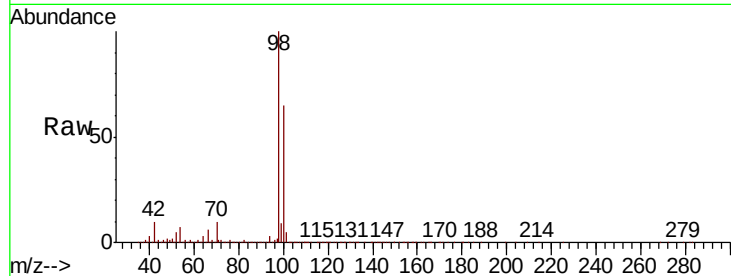




#50
Toluene-d8
Concen: 50.556 ug/l
RT: 8.71 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VX011793.D
Acq: 23 Aug 2019 13:19

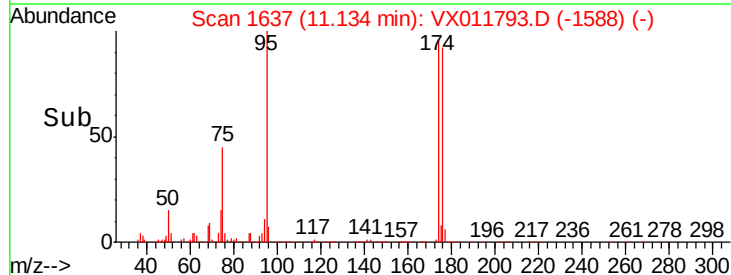
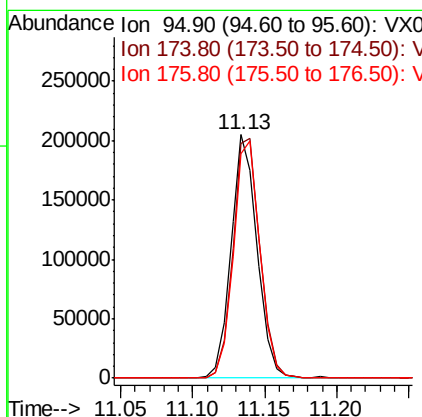
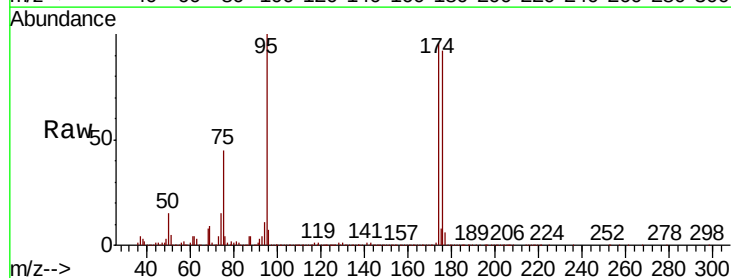
Instrument :
MSVOA_X
ClientSampleId :
T6-A1-(2)

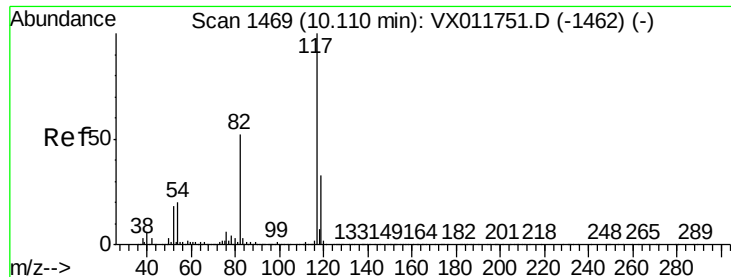
Tgt Ion: 98 Resp: 677886
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 48.595 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011793.D
Acq: 23 Aug 2019 13:19

Tgt Ion: 95 Resp: 257550
Ion Ratio Lower Upper
95 100
174 102.9 0.0 197.4
176 99.9 0.0 194.4

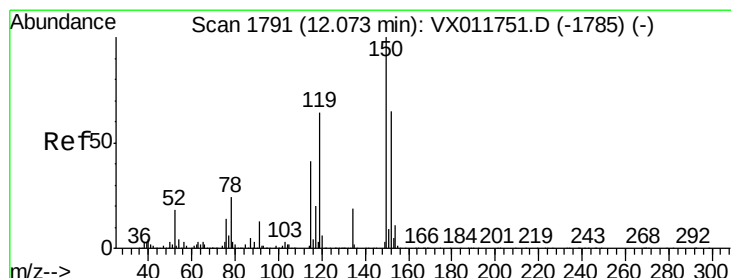
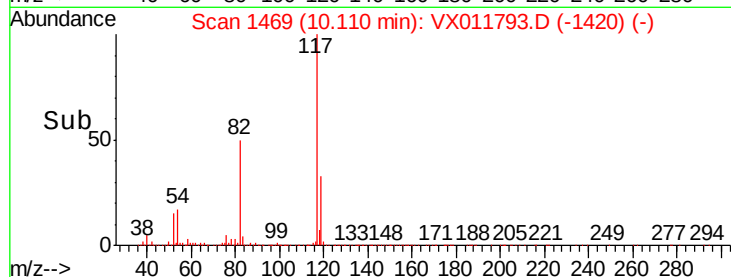
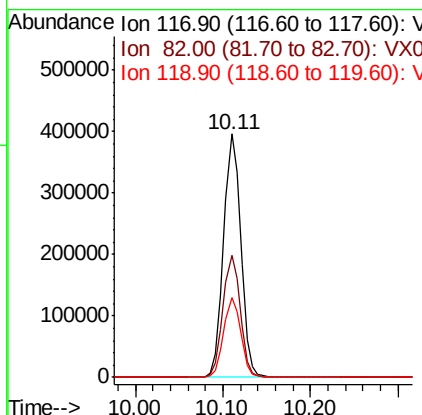
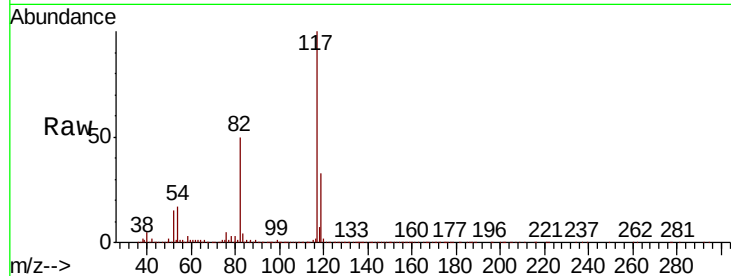




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011793.D
Acq: 23 Aug 2019 13:19

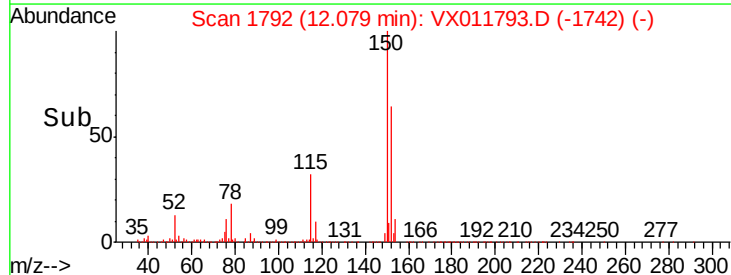
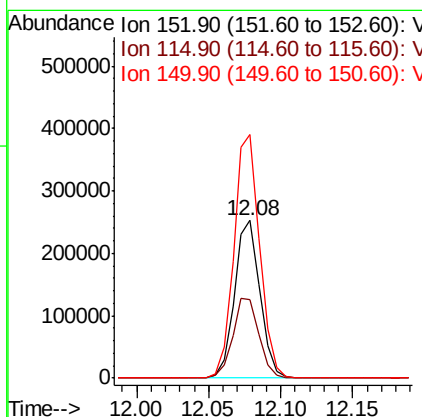
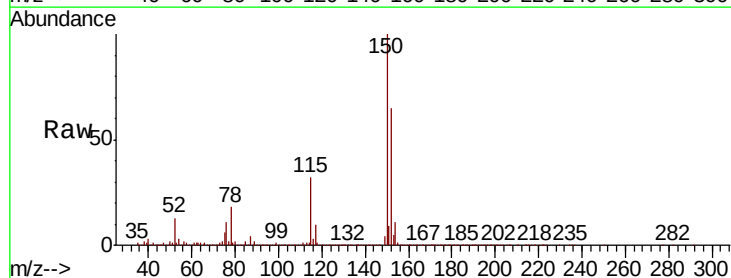
Instrument :
MSVOA_X
ClientSampleId :
T6-A1-(2)

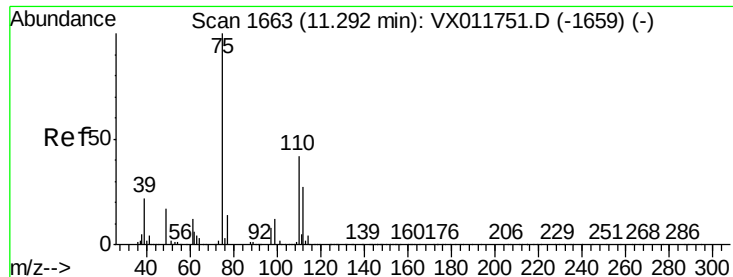
Tgt Ion:117 Resp: 540008
Ion Ratio Lower Upper
117 100
82 50.3 41.7 62.5
119 32.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX011793.D
Acq: 23 Aug 2019 13:19

Tgt Ion:152 Resp: 310785
Ion Ratio Lower Upper
152 100
115 52.2 37.3 111.8
150 156.5 0.0 343.0





#76

1,2,3-Trichloropropane

Concen: 20.947 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011793.D

Acq: 23 Aug 2019 13:19

Instrument :

MSVOA_X

ClientSampleId :

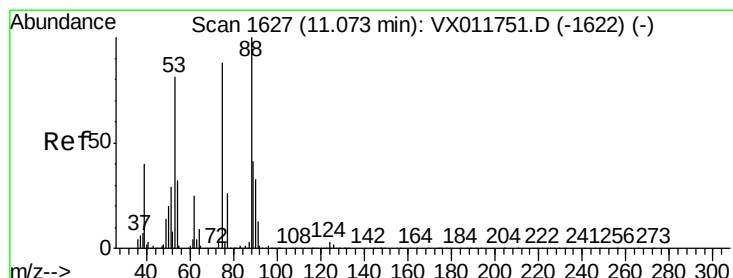
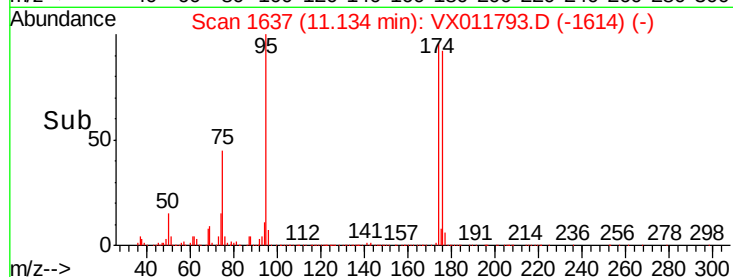
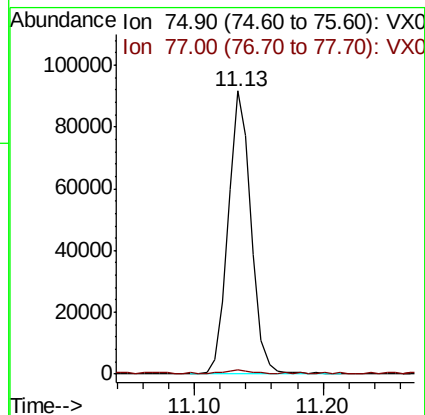
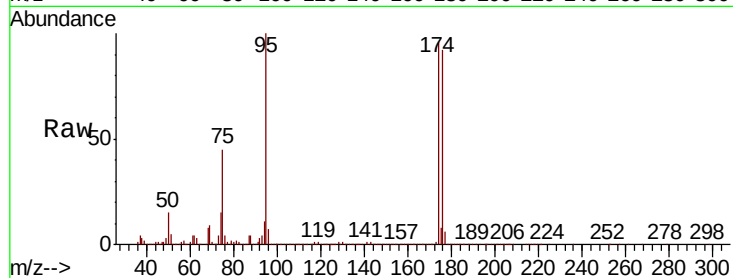
T6-A1-(2)

Tgt Ion: 75 Resp: 114232

Ion Ratio Lower Upper

75 100

77 1.5 21.1 63.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.173 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011793.D

Acq: 23 Aug 2019 13:19

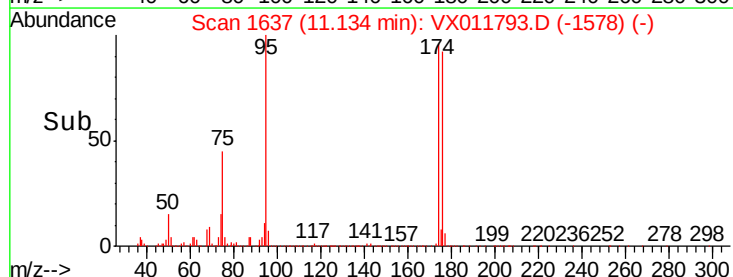
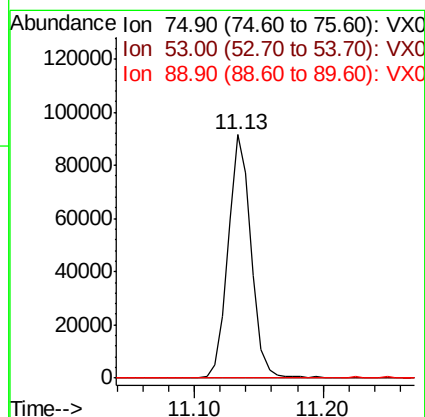
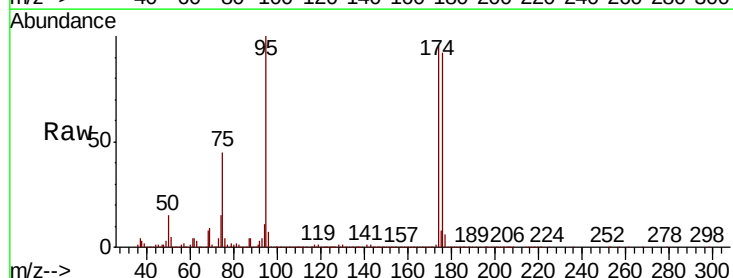
Tgt Ion: 75 Resp: 114232

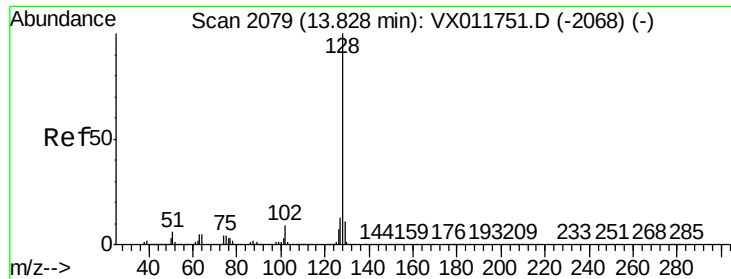
Ion Ratio Lower Upper

75 100

53 0.3 77.1 115.7#

89 0.0 38.5 57.7#

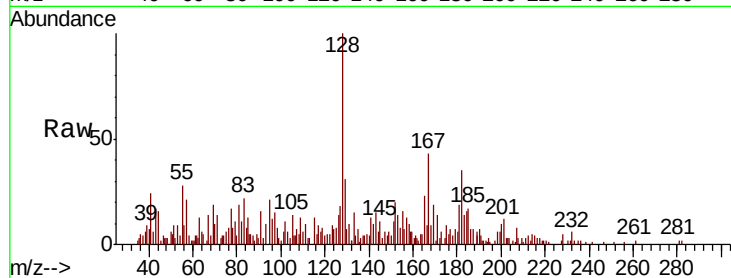




#95
Naphthalene
Concen: 0.297 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX011793.D
Acq: 23 Aug 2019 13:19

Instrument :
MSVOA_X
ClientSampleId :
T6-A1-(2)

Tgt Ion:128 Resp: 5780
Ion Ratio Lower Upper
128 100
127 23.9 10.4 15.6#
129 24.4 8.7 13.1#



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

