

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082119\
 Data File : VX011728.D
 Acq On : 21 Aug 2019 13:33
 Operator : JC/SP
 Sample : K4453-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-190820

Quant Time: Aug 22 03:36:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	473437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	583633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	576907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	266725	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	227405	51.79	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.58%	
35) Dibromofluoromethane	5.49	113	193994	50.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.64%	
50) Toluene-d8	8.71	98	731487	61.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	123.00%	
62) 4-Bromofluorobenzene	11.13	95	253200	50.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.86%	

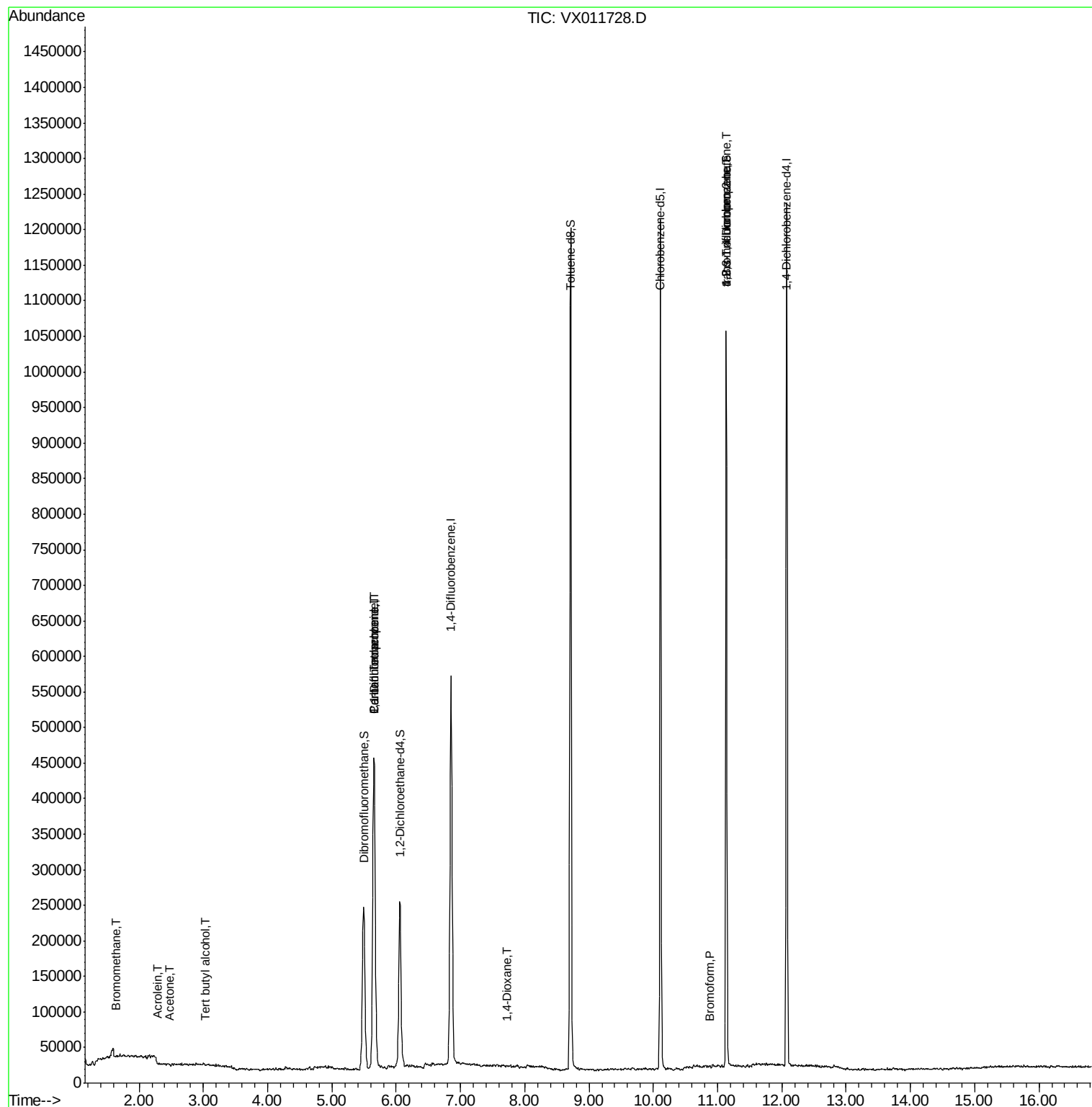
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	492	0.251	ug/l #	38
11) Tert butyl alcohol	3.03	59	397	0.369	ug/l #	68
13) Acrolein	2.29	56	1226	15.703	ug/l #	15
16) Acetone	2.47	43	452	0.205	ug/l #	88
36) 1,1-Dichloropropene	5.65	75	27703	5.552	ug/l #	52
38) Carbon Tetrachloride	5.65	117	41495	7.548	ug/l #	16
49) 1,4-Dioxane	7.73	88	219	1.856	ug/l #	1
71) Bromoform	10.87	173	253	3.344	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	120783	23.881	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	120783	63.374	ug/l #	11

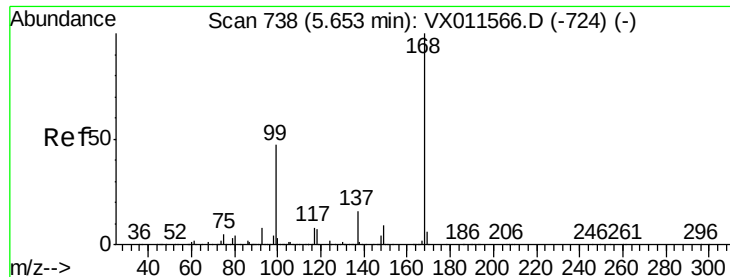
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082119\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011728.D

Acq: 21 Aug 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

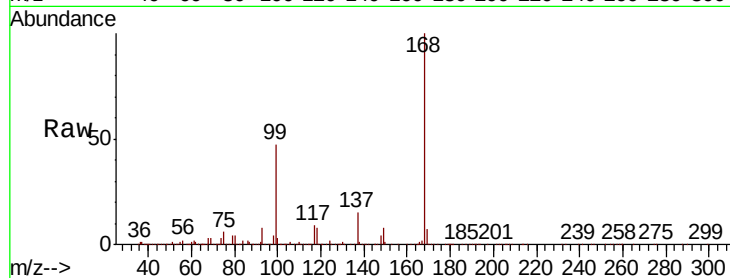
TB-01-190820

Tgt Ion:168 Resp: 473437

Ion Ratio Lower Upper

168 100

99 47.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

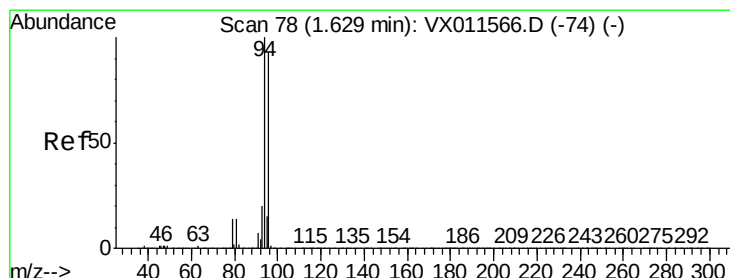
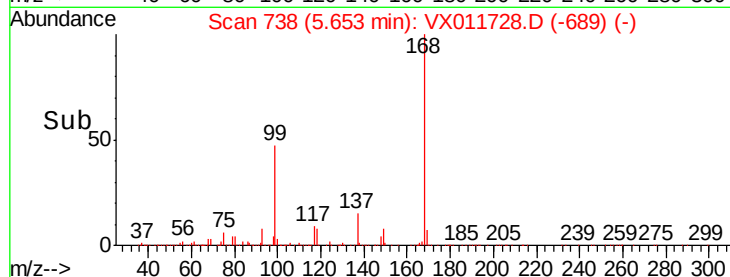
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.251 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.01 min

Lab File: VX011728.D

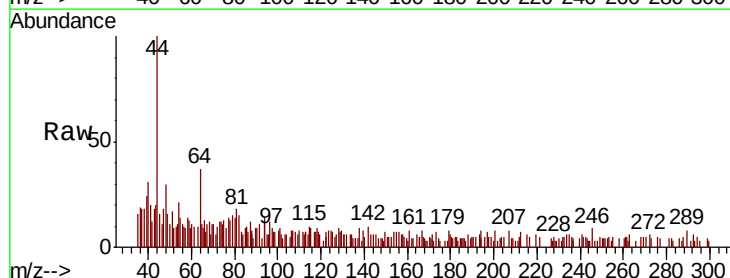
Acq: 21 Aug 2019 13:33

Tgt Ion: 94 Resp: 492

Ion Ratio Lower Upper

94 100

96 33.9 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

500

400

300

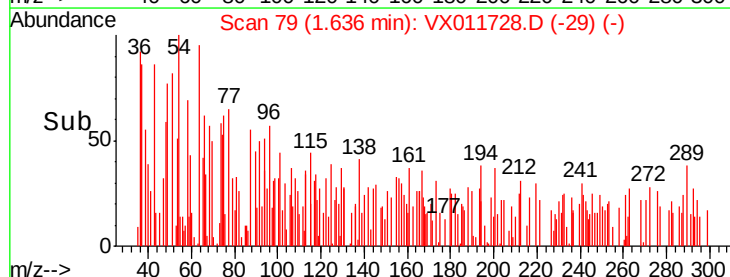
200

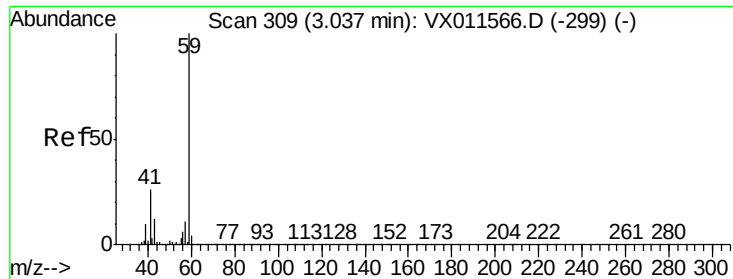
100

0

1.60 1.65 1.70

Time-->

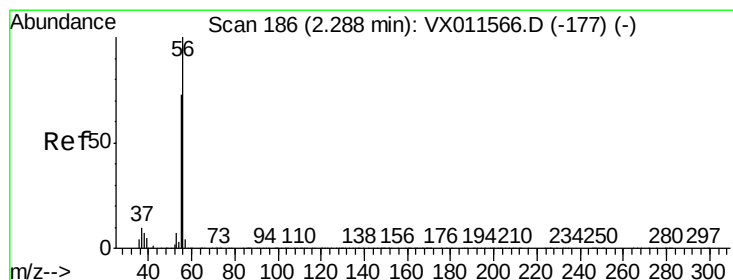
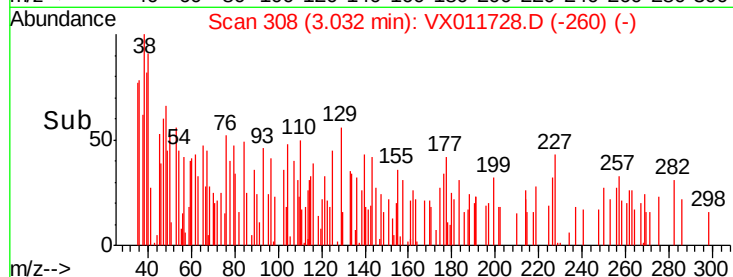
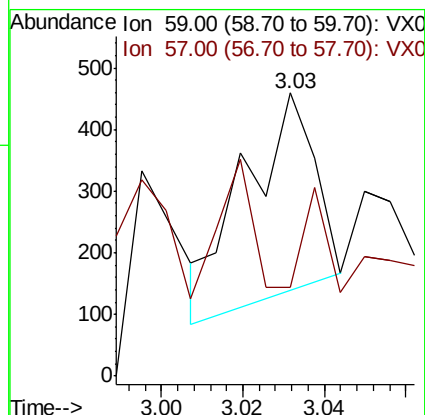
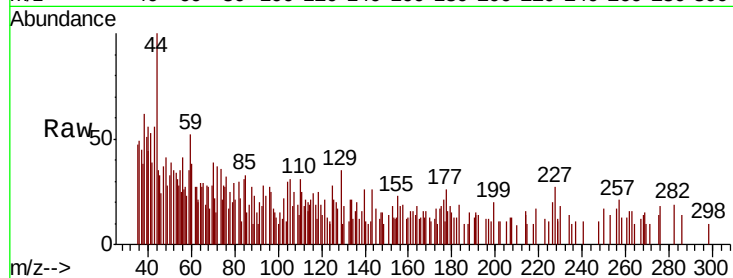




#11
Tert butyl alcohol
Concen: 0.369 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011728.D
Acq: 21 Aug 2019 13:33

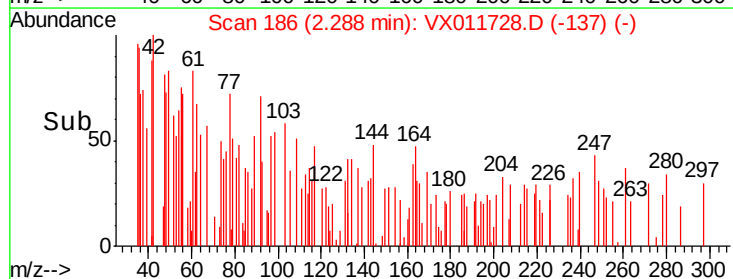
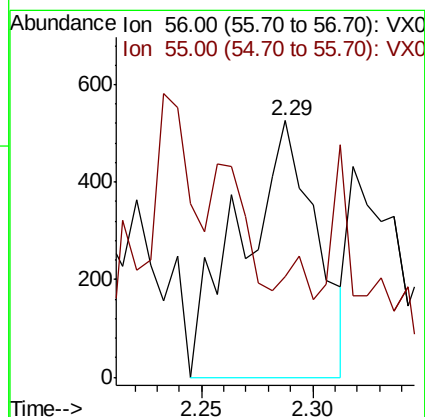
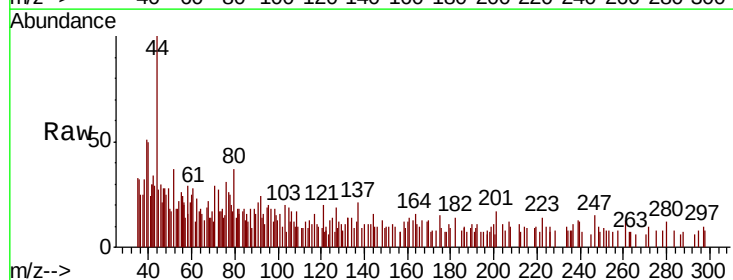
Instrument :
MSVOA_X
ClientSampled :
TB-01-190820

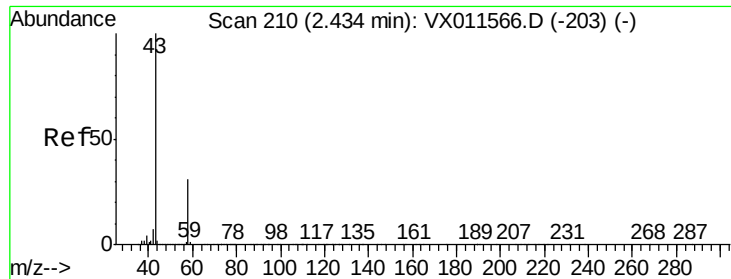
Tgt Ion: 59 Resp: 397
Ion Ratio Lower Upper
59 100
57 22.9 8.7 13.1#



#13
Acrolein
Concen: 15.703 ug/l
RT: 2.29 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX011728.D
Acq: 21 Aug 2019 13:33

Tgt Ion: 56 Resp: 1226
Ion Ratio Lower Upper
56 100
55 0.0 55.5 83.3#

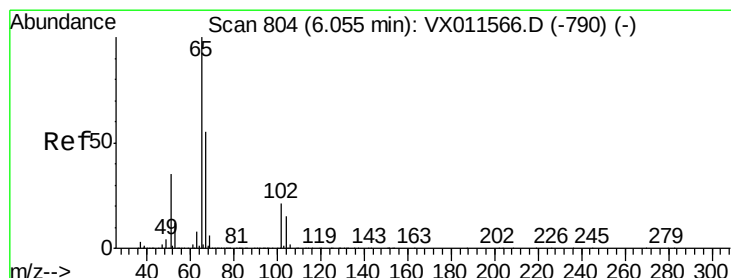
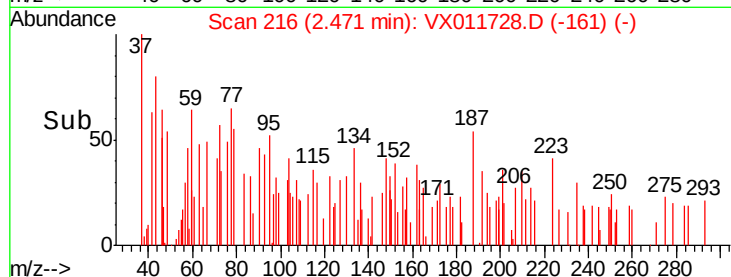
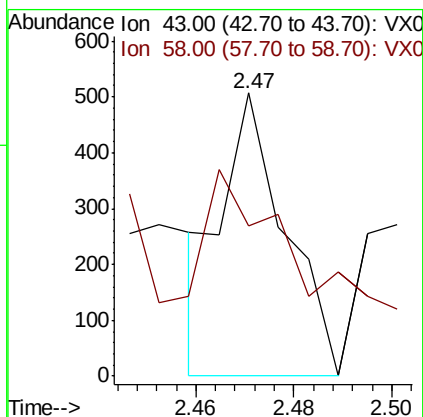
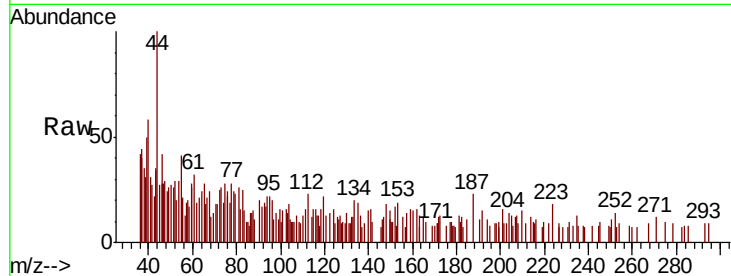




#16
Acetone
Concen: 0.205 ug/l
RT: 2.47 min Scan# 216
Delta R.T. 0.04 min
Lab File: VX011728.D
Acq: 21 Aug 2019 13:33

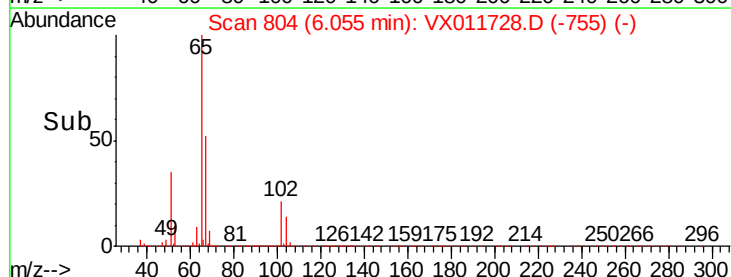
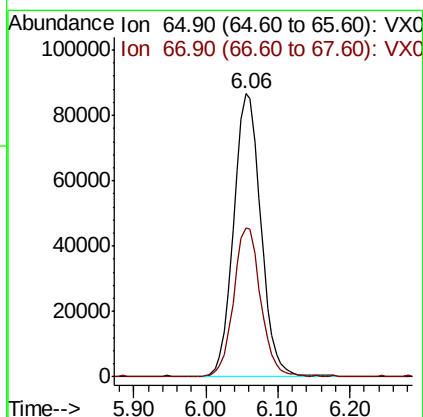
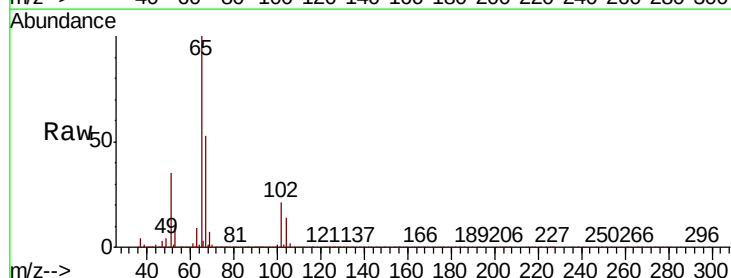
Instrument :
MSVOA_X
ClientSampleId :
TB-01-190820

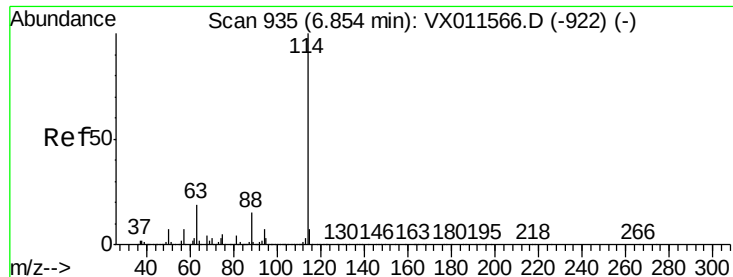
Tgt Ion: 43 Resp: 452
Ion Ratio Lower Upper
43 100
58 24.9 25.2 37.8#



#33
1,2-Dichloroethane-d4
Concen: 51.795 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011728.D
Acq: 21 Aug 2019 13:33

Tgt Ion: 65 Resp: 227405
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.6

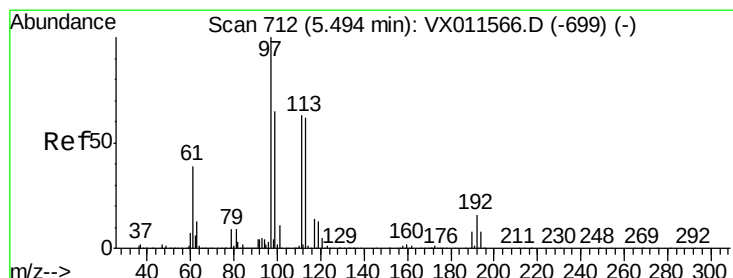
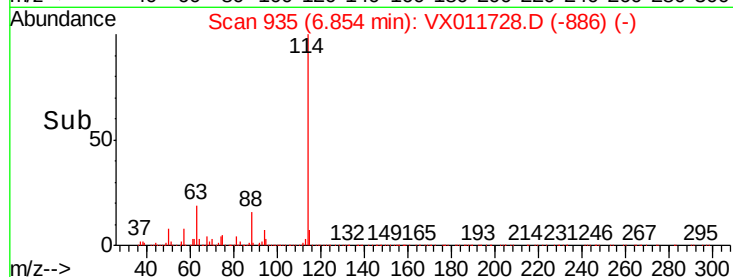
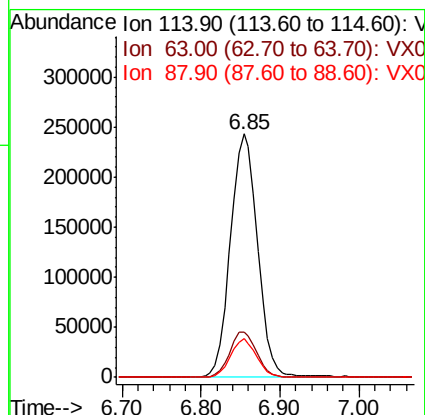
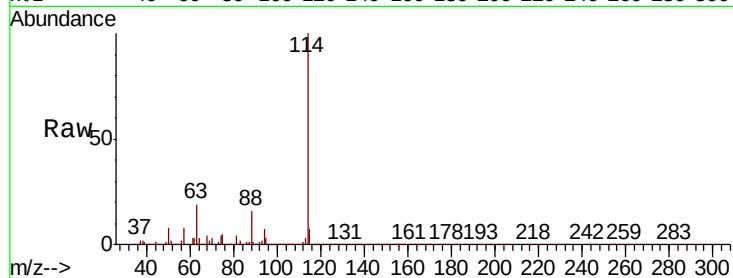




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. 0.00 min
Lab File: VX011728.D
Acq: 21 Aug 2019 13:33

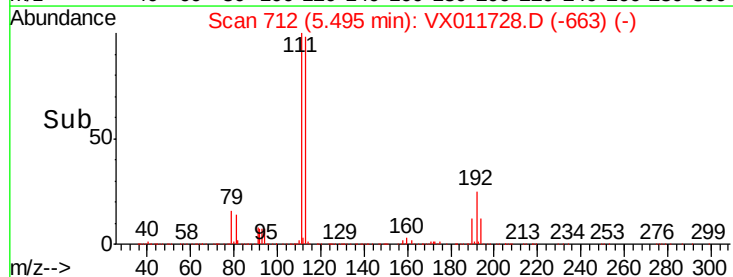
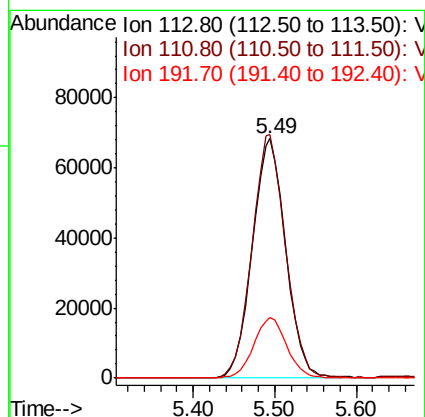
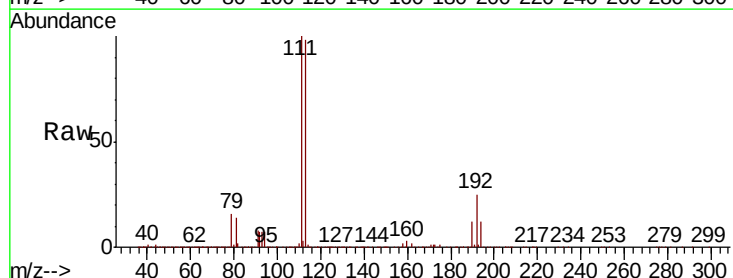
Instrument :
MSVOA_X
ClientSampleId :
TB-01-190820

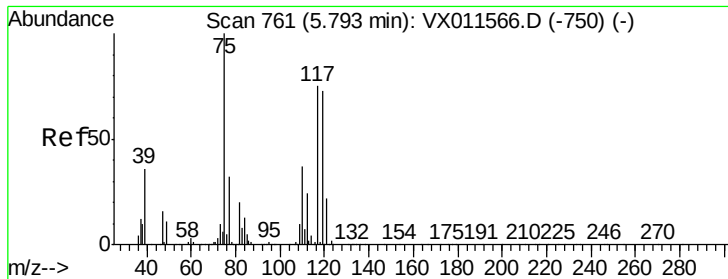
Tgt Ion:114 Resp: 583633
Ion Ratio Lower Upper
114 100
63 18.4 0.0 37.8
88 15.8 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.819 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011728.D
Acq: 21 Aug 2019 13:33

Tgt Ion:113 Resp: 193994
Ion Ratio Lower Upper
113 100
111 101.9 81.1 121.7
192 25.3 20.8 31.2





#36

1,1-Dichloropropene

Concen: 5.552 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.15 min

Lab File: VX011728.D

Acq: 21 Aug 2019 13:33

Instrument :

MSVOA_X

ClientSampleId :

TB-01-190820

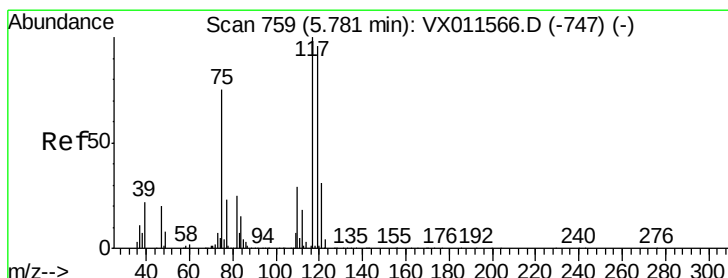
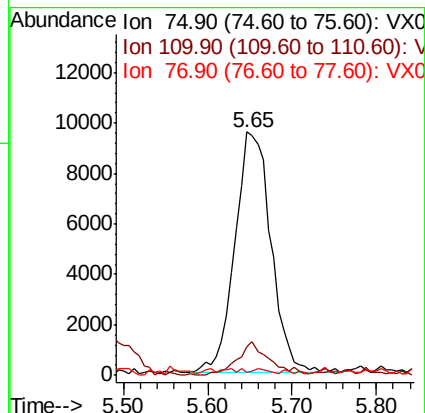
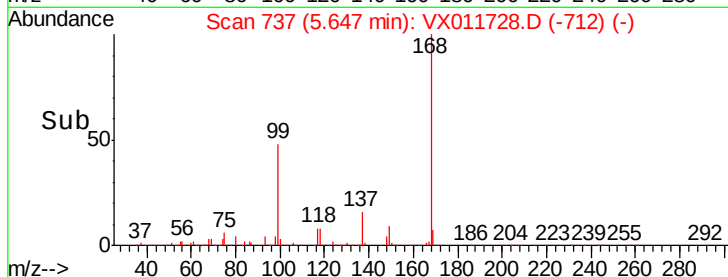
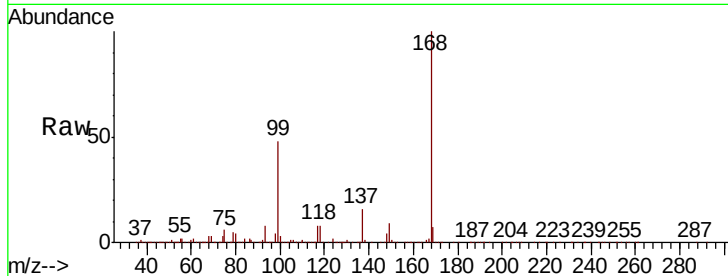
Tgt Ion: 75 Resp: 27703

Ion Ratio Lower Upper

75 100

110 12.2 19.4 58.1#

77 1.3 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 7.548 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.13 min

Lab File: VX011728.D

Acq: 21 Aug 2019 13:33

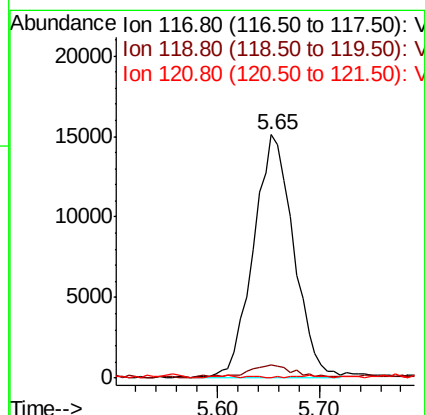
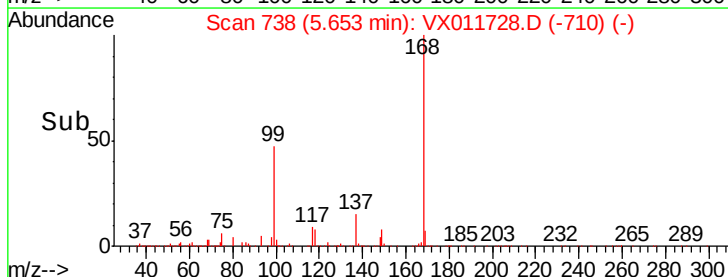
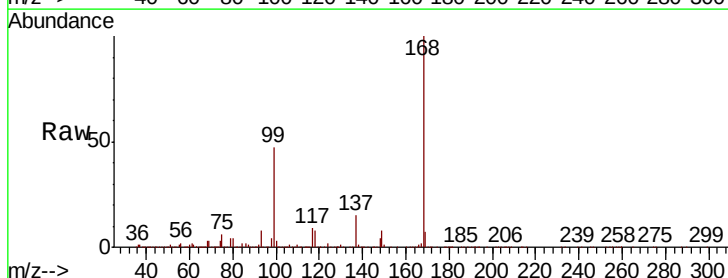
Tgt Ion: 117 Resp: 41495

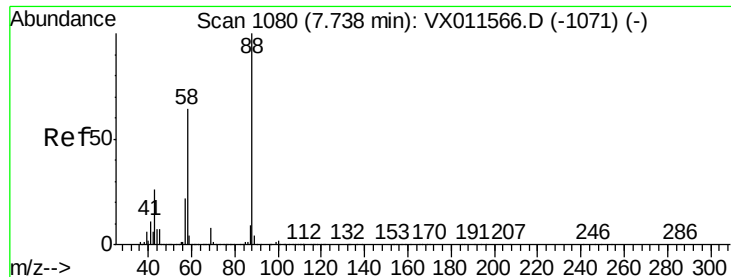
Ion Ratio Lower Upper

117 100

119 5.0 76.9 115.3#

121 0.0 24.8 37.2#





#49

1,4-Dioxane

Concen: 1.856 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX011728.D

Acq: 21 Aug 2019 13:33

Instrument :

MSVOA_X

ClientSampled :

TB-01-190820

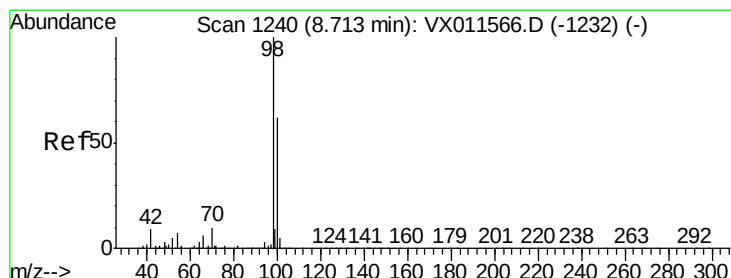
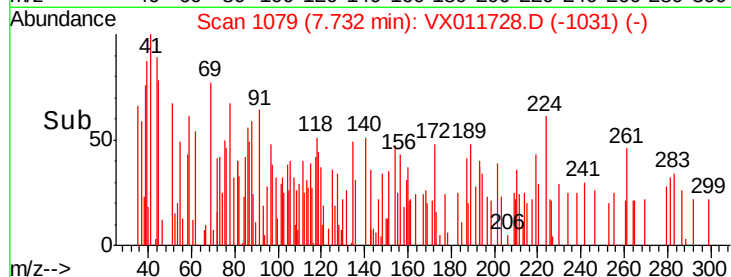
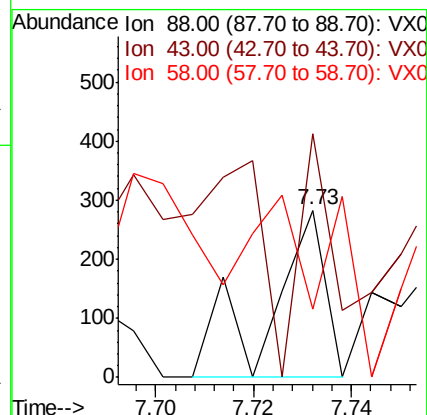
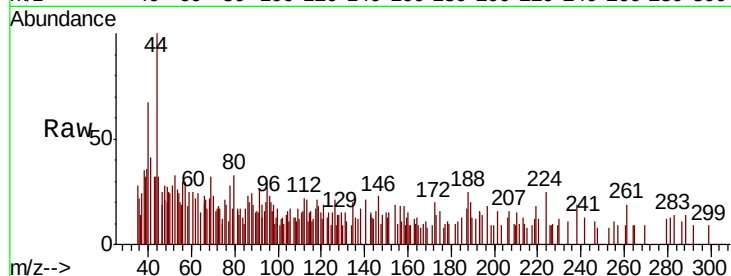
Tgt Ion: 88 Resp: 219

Ion Ratio Lower Upper

88 100

43 111.9 23.4 35.0#

58 162.6 54.3 81.5#



#50

Toluene-d8

Concen: 61.499 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011728.D

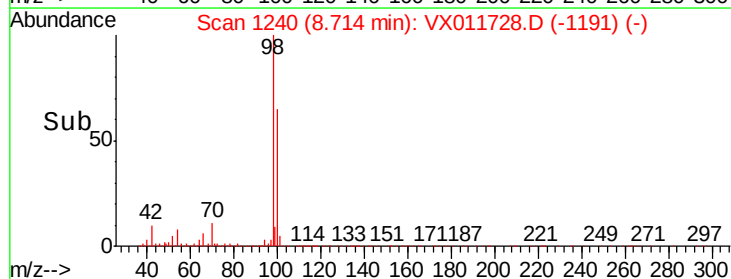
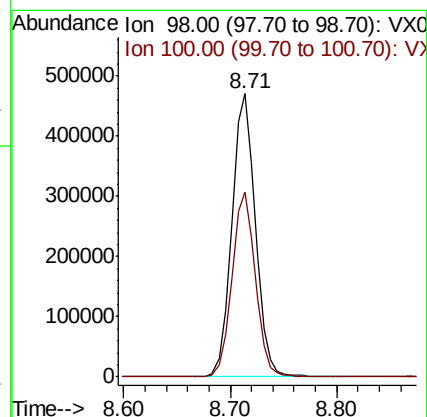
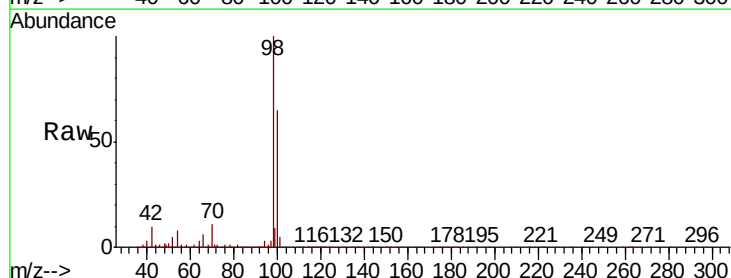
Acq: 21 Aug 2019 13:33

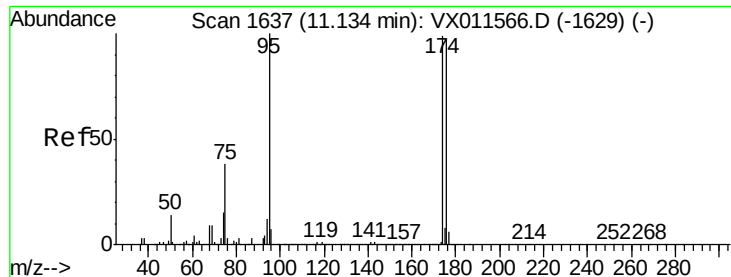
Tgt Ion: 98 Resp: 731487

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6

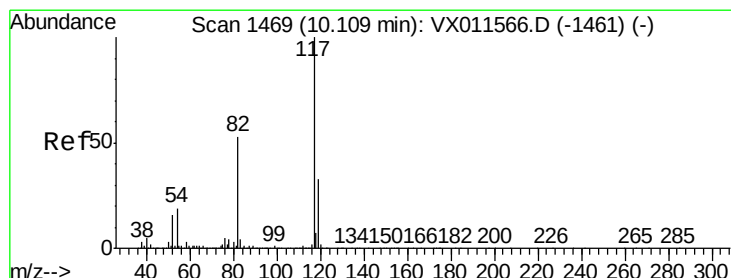
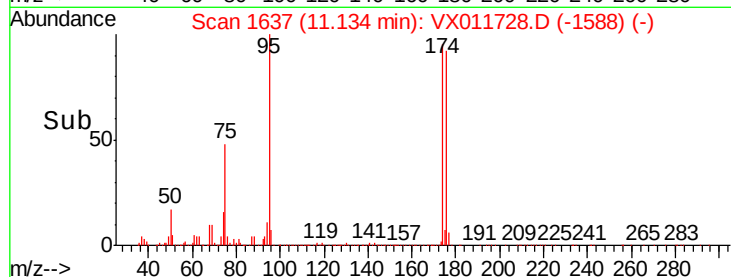
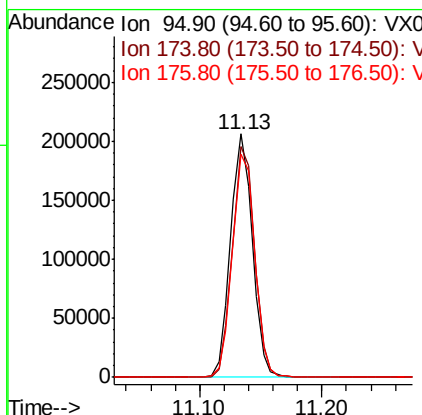
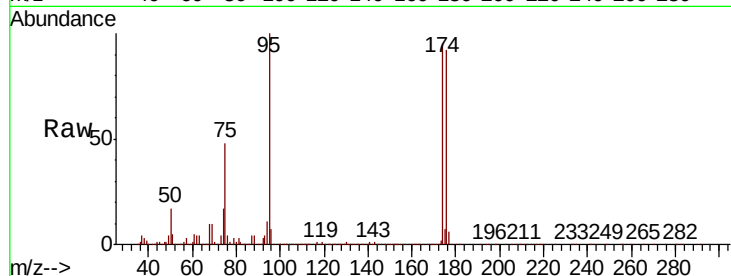




#62
4-Bromofluorobenzene
Concen: 50.434 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011728.D
Acq: 21 Aug 2019 13:33

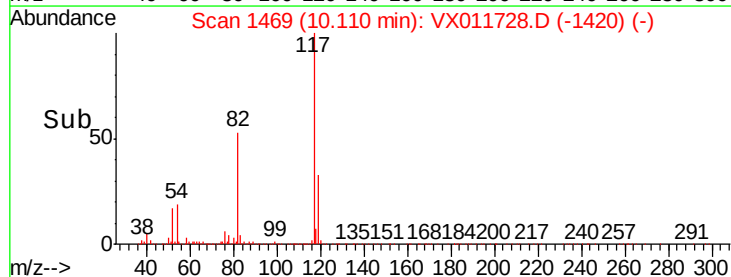
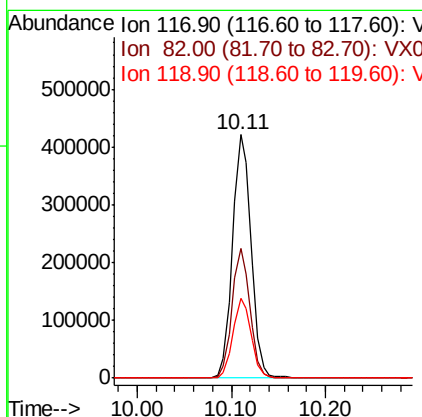
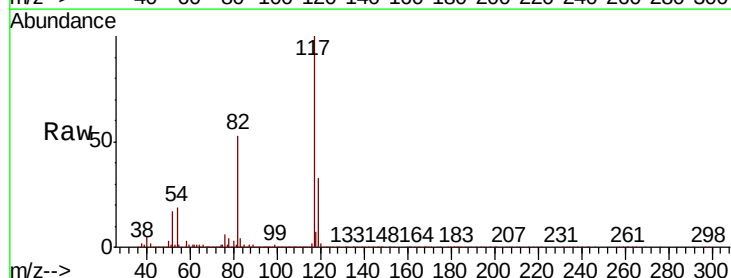
Instrument :
MSVOA_X
ClientSampleId :
TB-01-190820

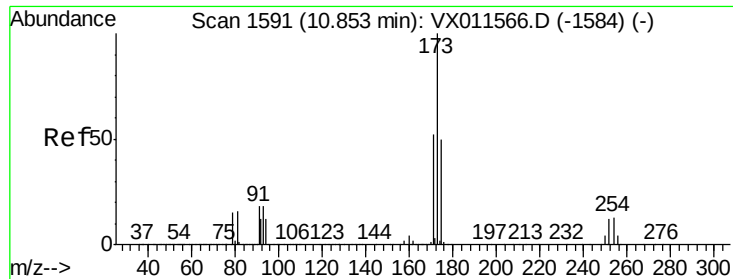
Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.8	0.0	200.6
176	94.3	0.0	196.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011728.D
Acq: 21 Aug 2019 13:33

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.0	63.0
119	32.6	26.5	39.7





#71

Bromoform

Concen: 3.344 ug/l

RT: 10.87 min Scan# 1594

Delta R.T. 0.02 min

Lab File: VX011728.D

Acq: 21 Aug 2019 13:33

Instrument :

MSVOA_X

ClientSampled :

TB-01-190820

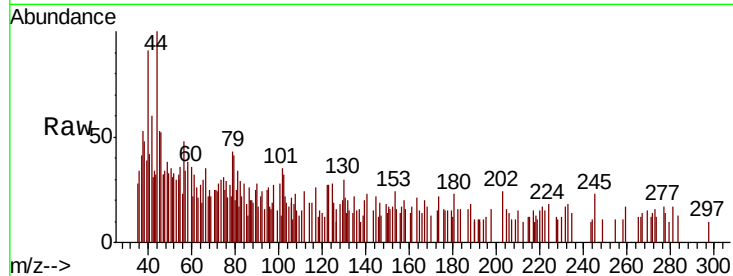
Tgt Ion:173 Resp: 253

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

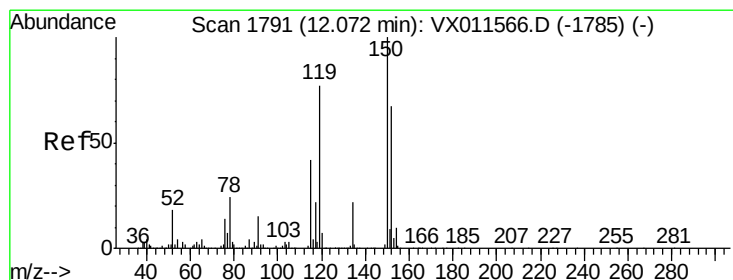
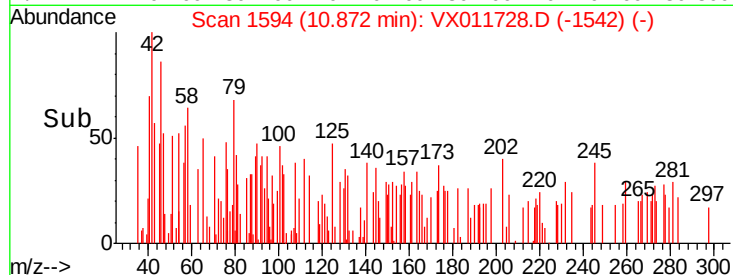
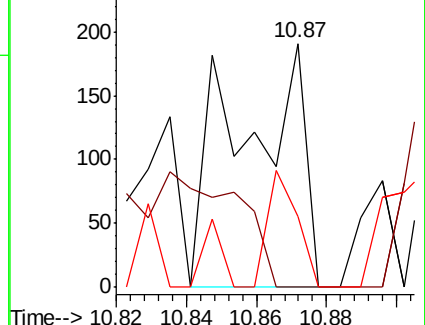
254 20.9 0.1 0.1#



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. 0.01 min

Lab File: VX011728.D

Acq: 21 Aug 2019 13:33

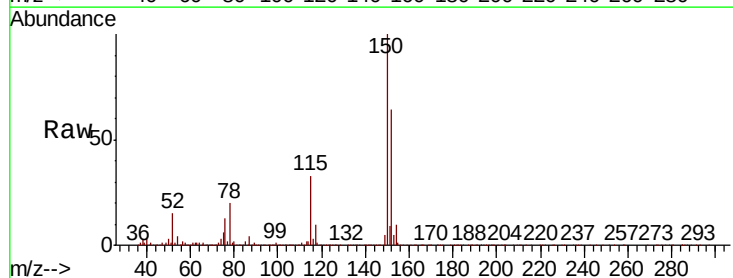
Tgt Ion:152 Resp: 266725

Ion Ratio Lower Upper

152 100

115 54.7 37.3 111.9

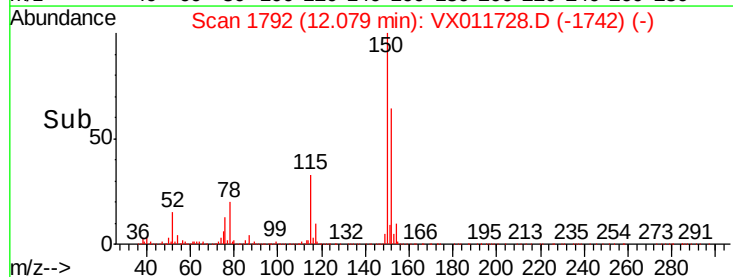
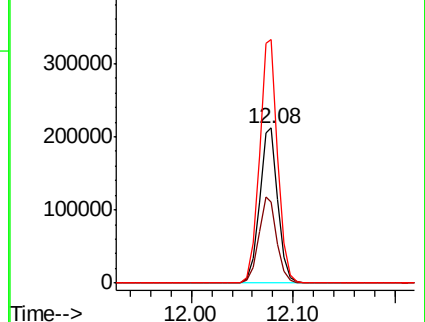
150 156.7 0.0 346.2

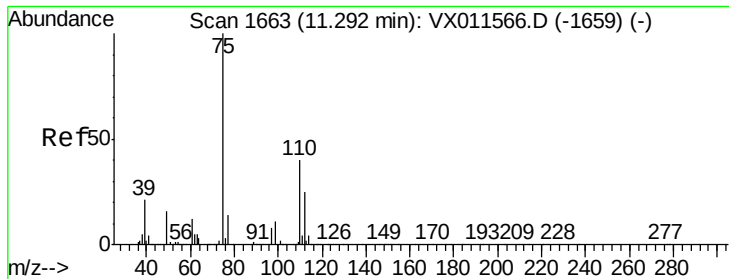


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 23.881 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011728.D

Acq: 21 Aug 2019 13:33

Instrument :

MSVOA_X

ClientSampled :

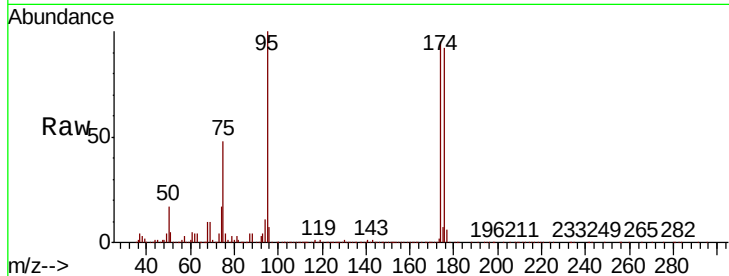
TB-01-190820

Tgt Ion: 75 Resp: 120783

Ion Ratio Lower Upper

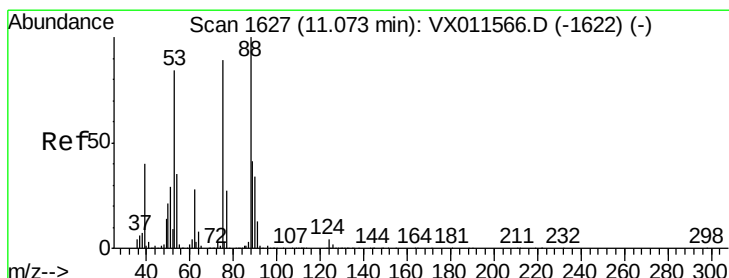
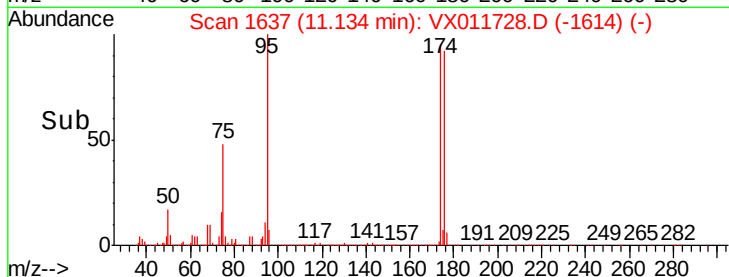
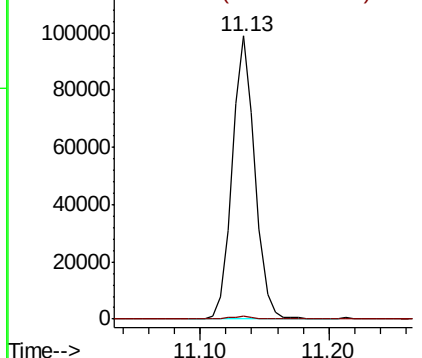
75 100

77 1.7 20.9 62.8#



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: 63.374 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011728.D

Acq: 21 Aug 2019 13:33

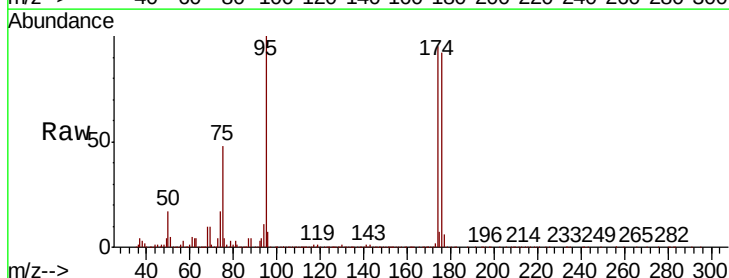
Tgt Ion: 75 Resp: 120783

Ion Ratio Lower Upper

75 100

53 0.2 77.4 116.0#

89 0.0 37.3 55.9#



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

