

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028243.D
 Acq On : 21 Apr 2022 16:00
 Operator : JC/MD
 Sample : N2516-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB-20220419

Quant Time: Apr 22 06:14:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

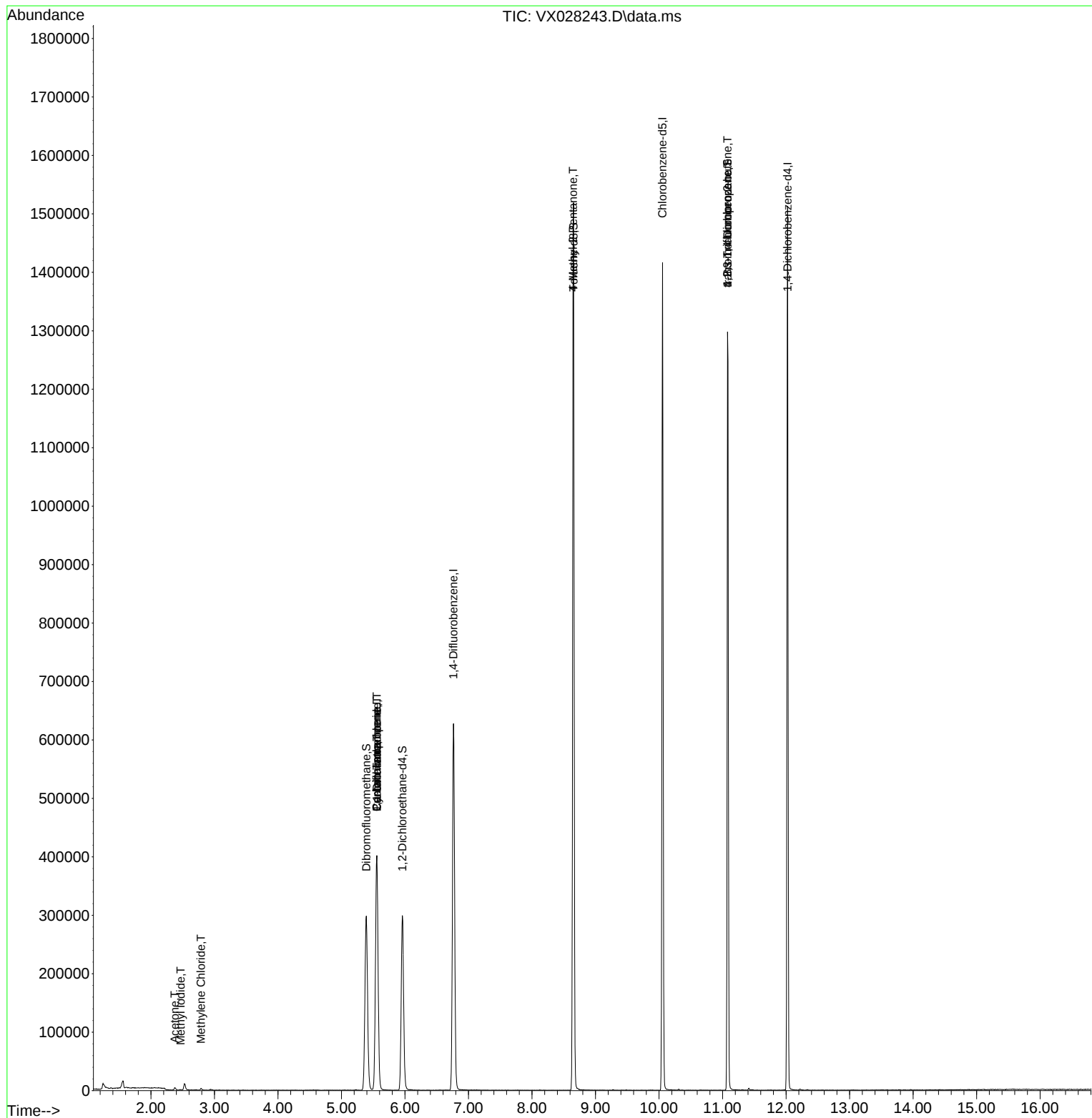
Internal Standards						
1) Pentafluorobenzene	5.556	168	397143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	684302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	654160	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	309823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	282934	54.639	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.280%	
35) Dibromofluoromethane	5.391	113	258125	53.788	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.580%	
50) Toluene-d8	8.653	98	948456	51.457	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	11.079	95	342570	48.608	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 97.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	520	Below Cal	#	68
5) Bromomethane	1.612	94	969	Below Cal	#	70
6) Chloroethane	1.672	64	87	Below Cal	#	43
8) Diethyl Ether	1.965	74	28	Below Cal	#	1
10) Methyl Iodide	2.465	142	879	5.413	ug/l #	88
11) Tert butyl alcohol	2.941	59	865	Below Cal	#	72
16) Acetone	2.374	43	4410	1.400	ug/l	94
20) Methylene Chloride	2.788	84	1243	0.324	ug/l	83
31) Cyclohexane	5.556	56	8032	1.273	ug/l #	31
36) 1,1-Dichloropropene	5.556	75	28426	4.541	ug/l #	50
38) Carbon Tetrachloride	5.556	117	38915	5.507	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	3813	0.575	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	173451	28.446	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	173451	84.534	ug/l #	15

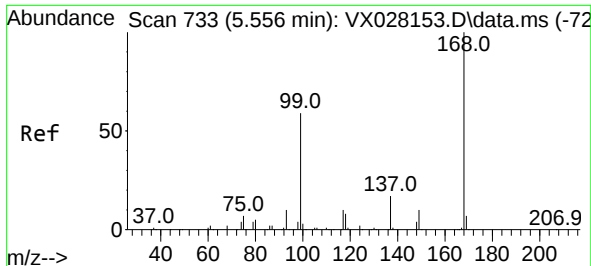
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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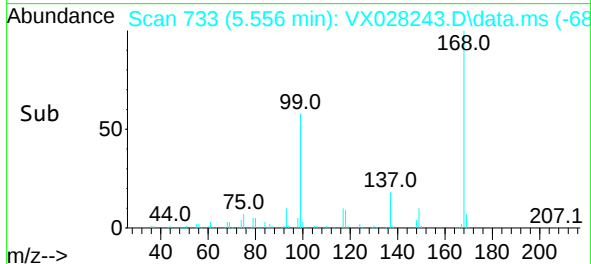
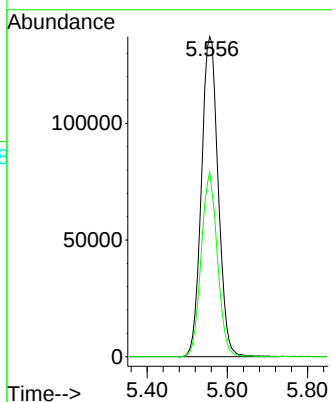
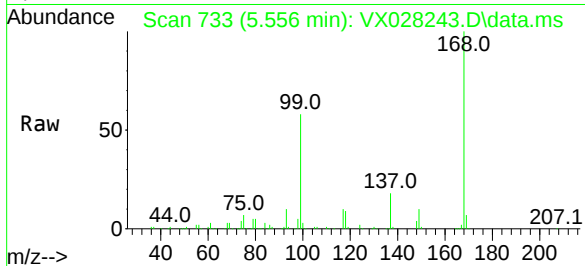




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

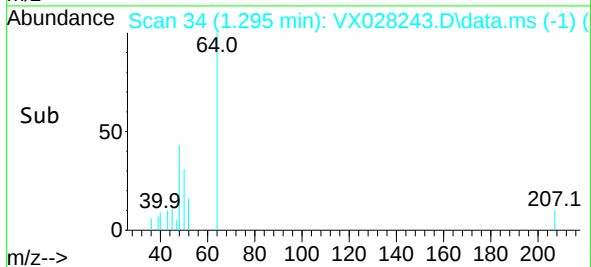
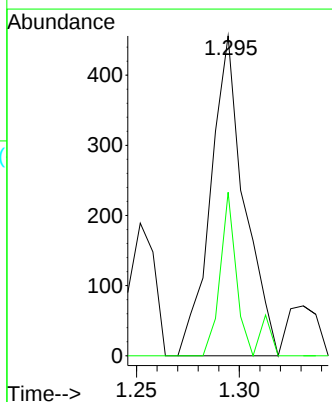
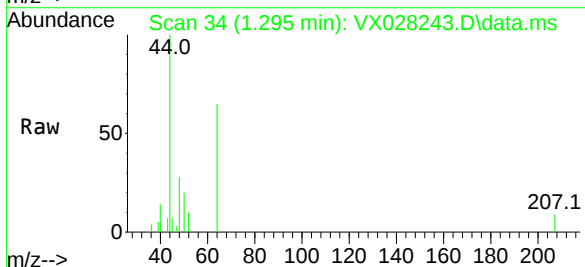
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220419

Tgt Ion:168 Resp: 397143
Ion Ratio Lower Upper
168 100
99 57.6 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

Tgt Ion: 50 Resp: 520
Ion Ratio Lower Upper
50 100
52 51.1 26.4 39.6#

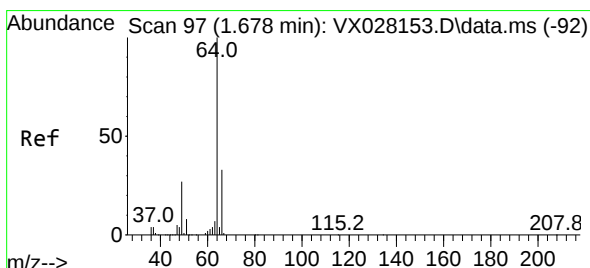
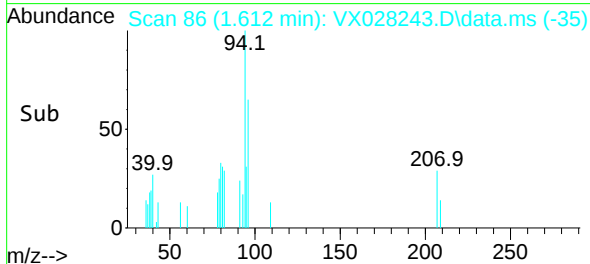
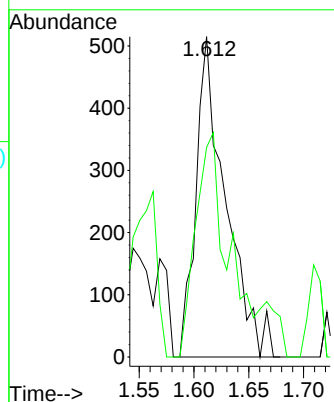
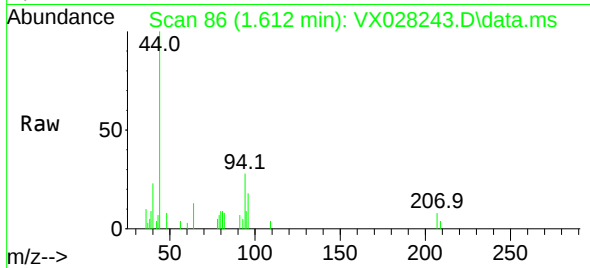




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

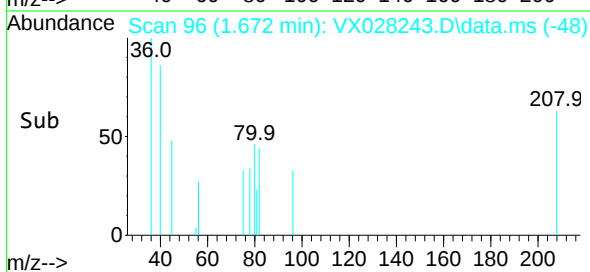
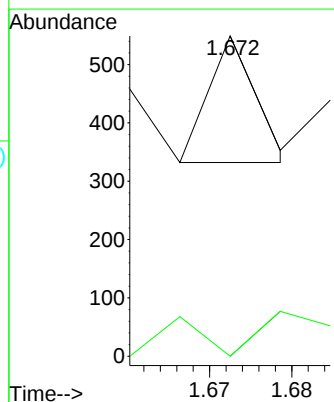
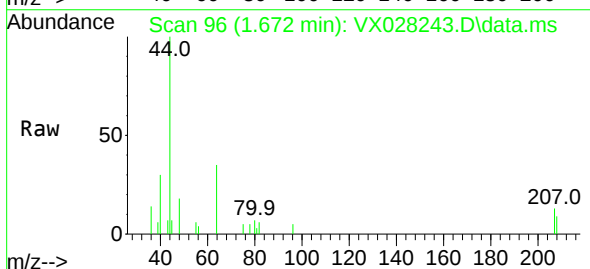
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220419

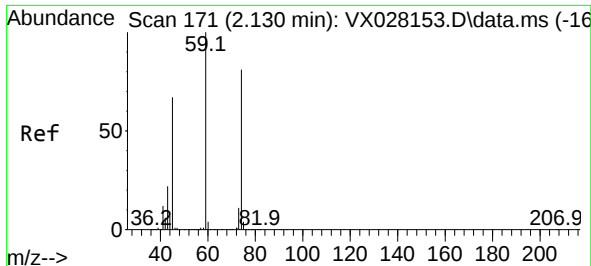
Tgt Ion: 94 Resp: 969
Ion Ratio Lower Upper
94 100
96 65.4 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

Tgt Ion: 64 Resp: 87
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

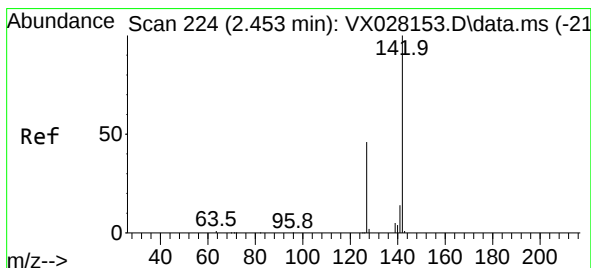
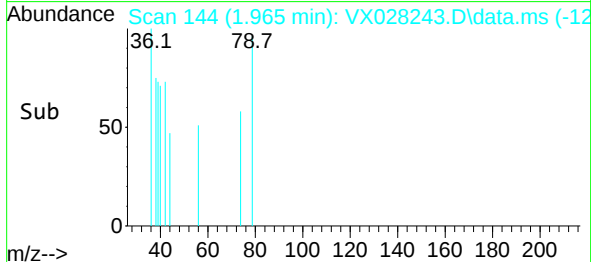
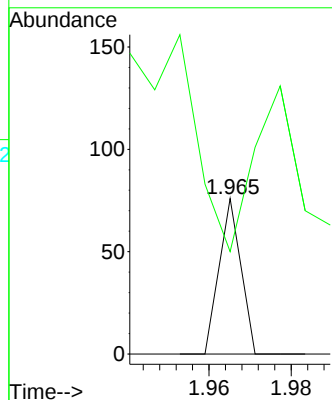
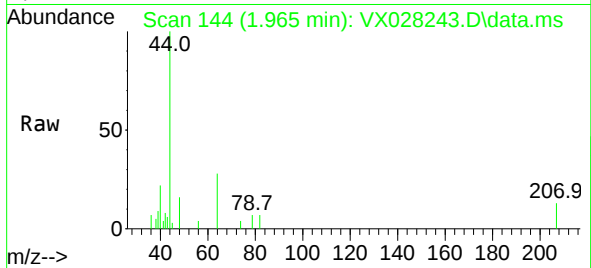




#8
Diethyl Ether
Concen: Below Cal
RT: 1.965 min Scan# 14
Delta R.T. -0.165 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

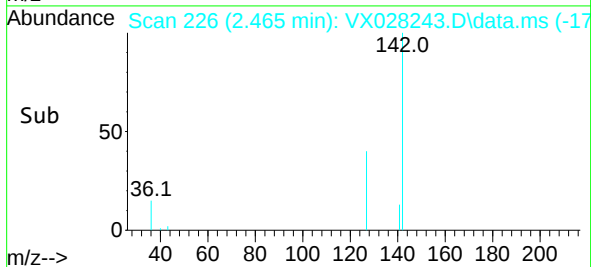
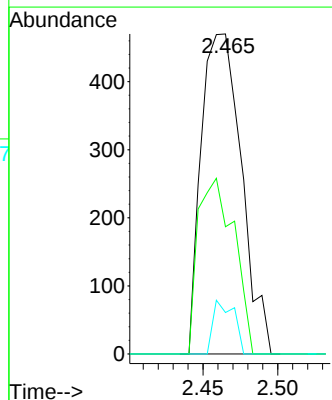
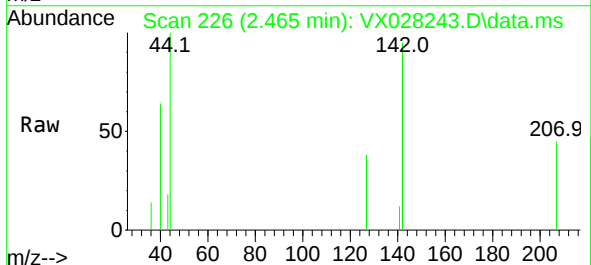
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220419

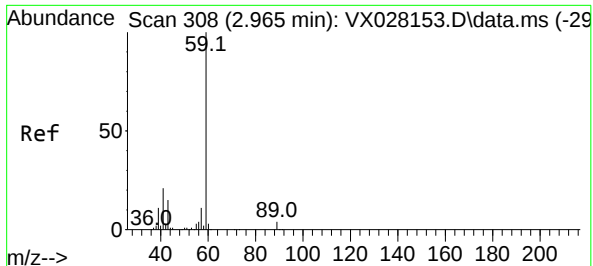
Tgt Ion: 74 Resp: 28
Ion Ratio Lower Upper
74 100
45 589.3 42.0 126.0#



#10
Methyl Iodide
Concen: 5.413 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

Tgt Ion:142 Resp: 879
Ion Ratio Lower Upper
142 100
127 49.3 33.9 50.9
141 8.6 11.4 17.2#

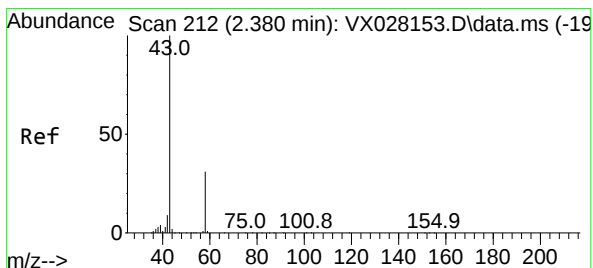
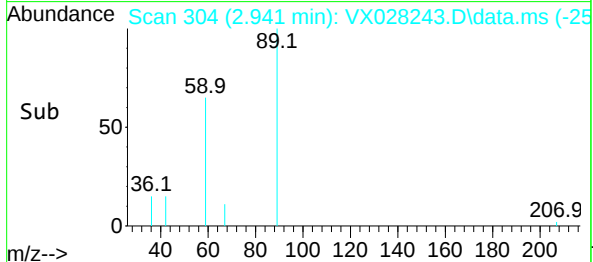
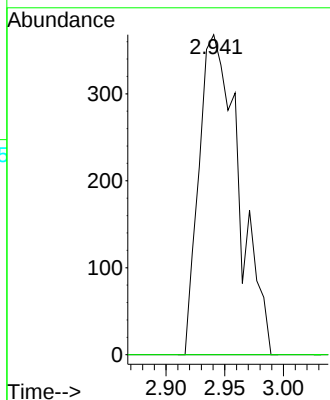
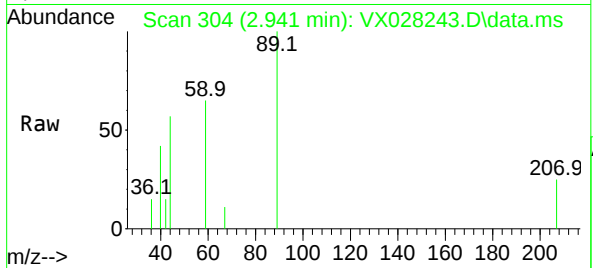




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

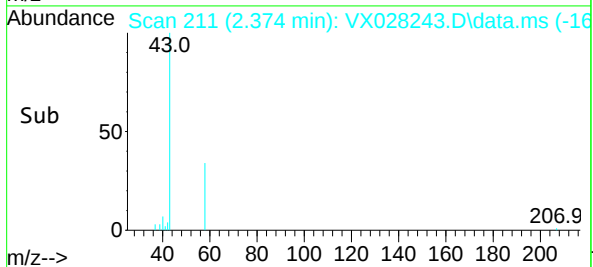
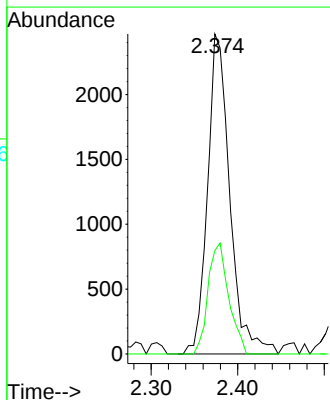
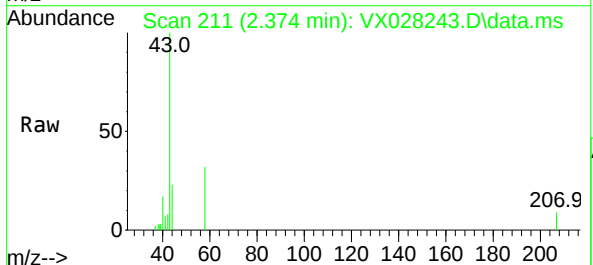
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220419

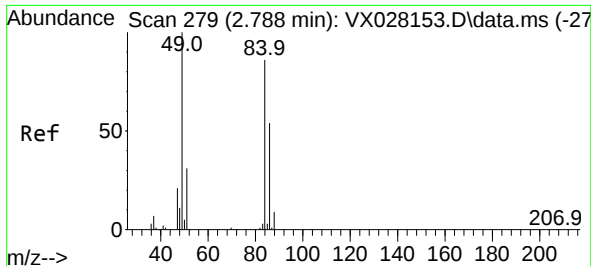
Tgt Ion: 59 Resp: 865
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.400 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

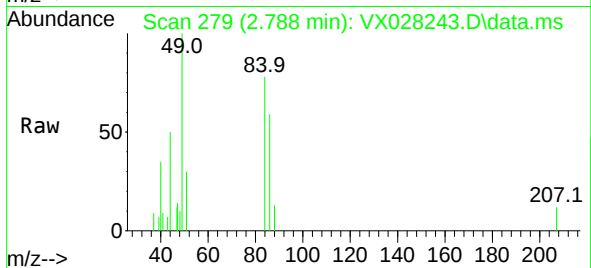
Tgt Ion: 43 Resp: 4410
Ion Ratio Lower Upper
43 100
58 32.3 28.8 43.2



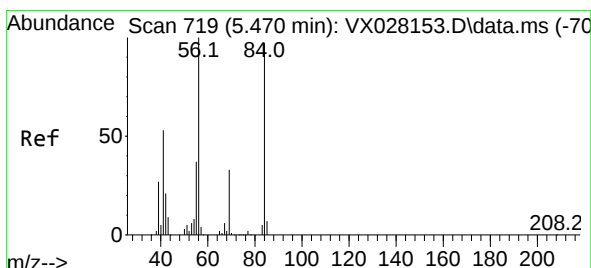
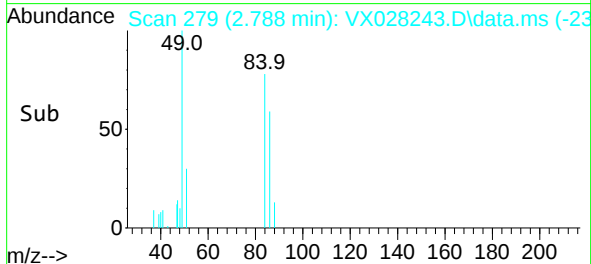
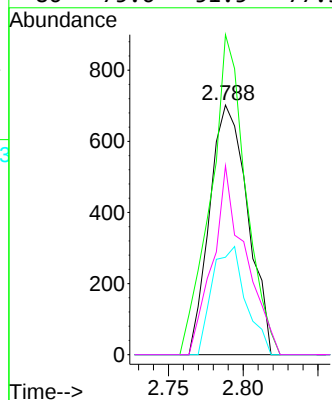


#20
Methylene Chloride
Concen: 0.324 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220419

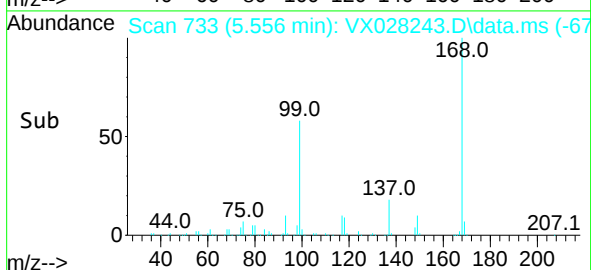
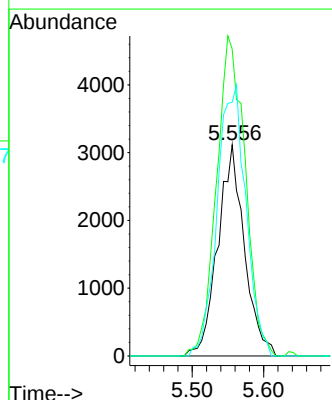
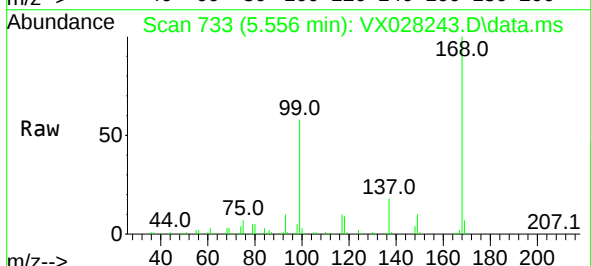


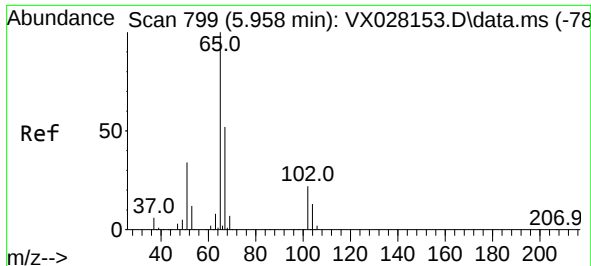
Tgt Ion:	84	Resp:	1243
Ion	Ratio	Lower	Upper
84	100		
49	128.2	85.5	128.3
51	39.0	26.6	39.8
86	75.6	51.5	77.3



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

Tgt Ion:	56	Resp:	8032
Ion	Ratio	Lower	Upper
56	100		
69	145.3	26.7	40.1#
84	120.1	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 54.639 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028243.D

Acq: 21 Apr 2022 16:00

Instrument :

MSVOA_X

ClientSampleId :

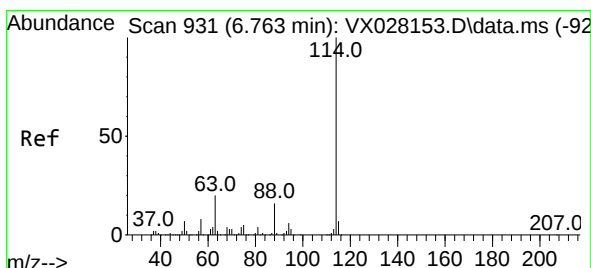
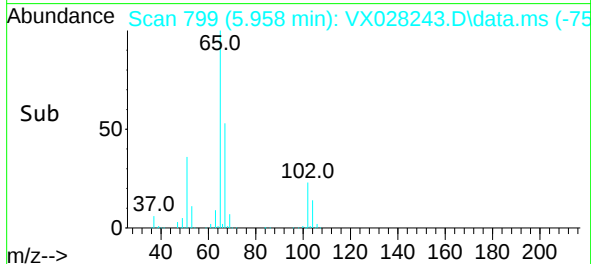
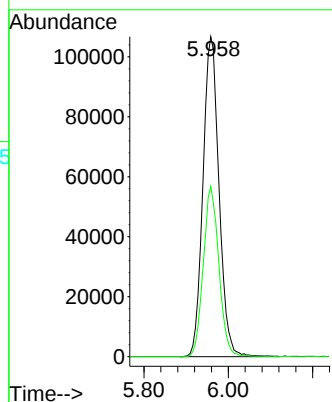
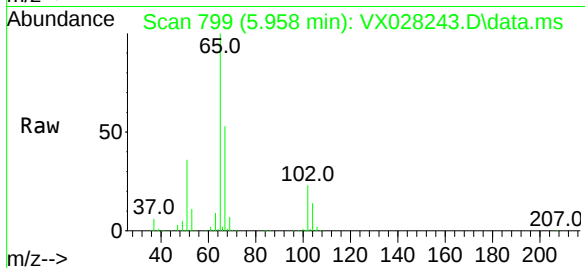
BP-TT-TB-20220419

Tgt Ion: 65 Resp: 282934

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028243.D

Acq: 21 Apr 2022 16:00

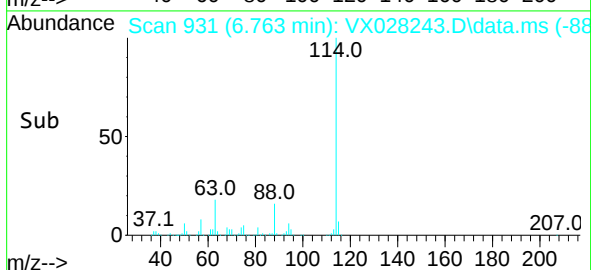
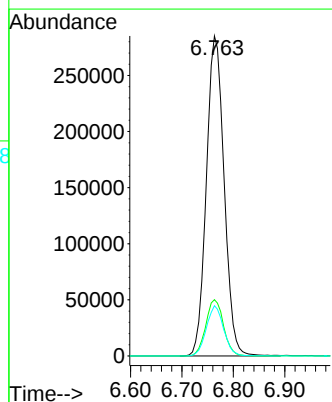
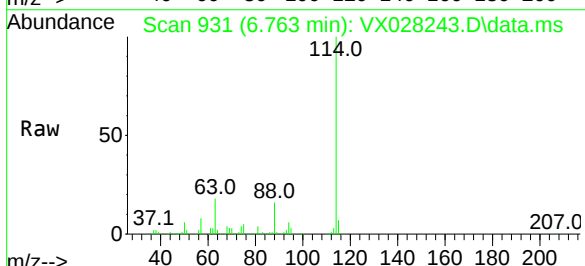
Tgt Ion: 114 Resp: 684302

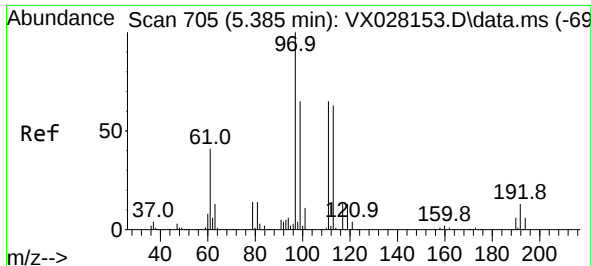
Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.8

88 15.7 0.0 32.4

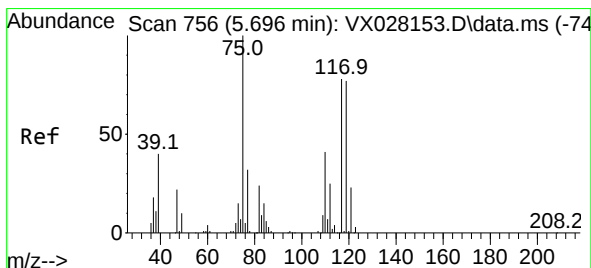
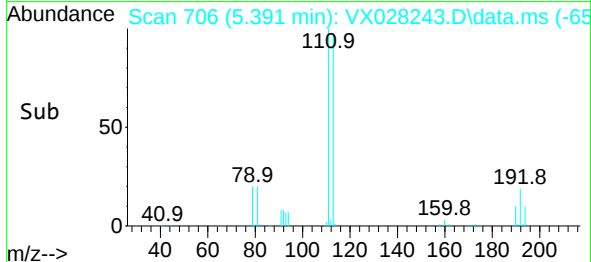
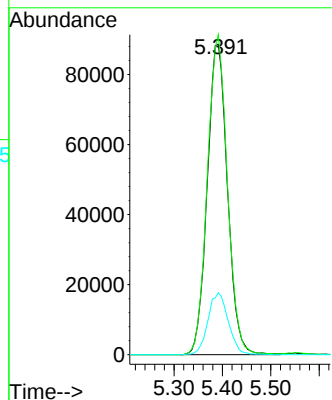
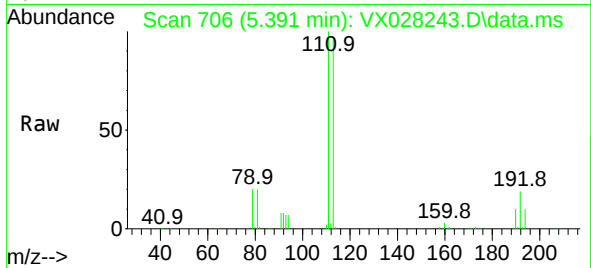




#35
Dibromofluoromethane
Concen: 53.788 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

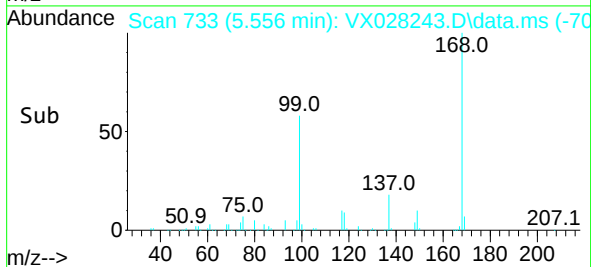
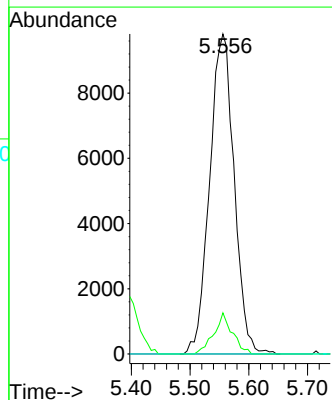
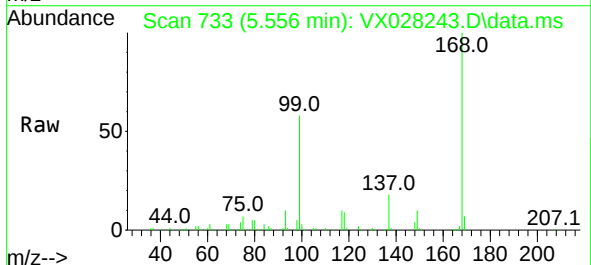
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220419

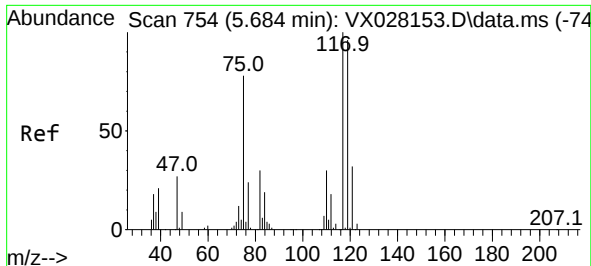
Tgt Ion:113 Resp: 258125
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.541 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

Tgt Ion: 75 Resp: 28426
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#

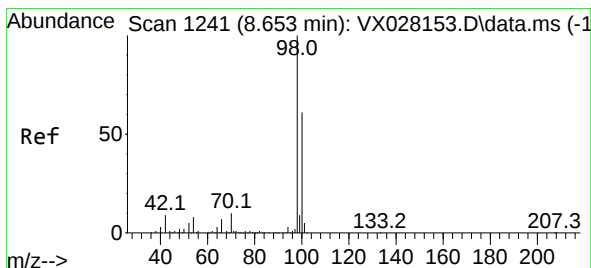
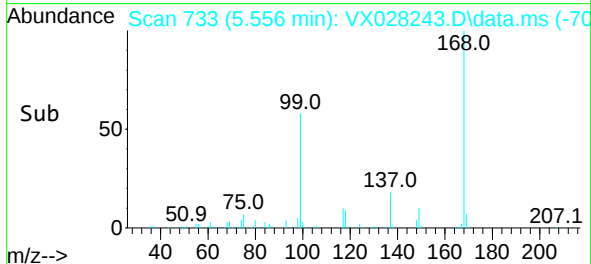
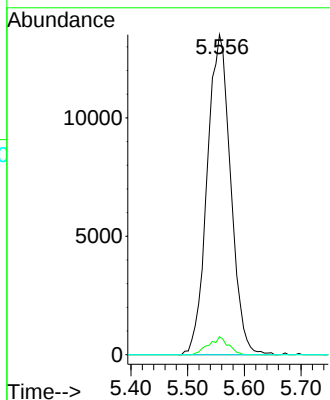
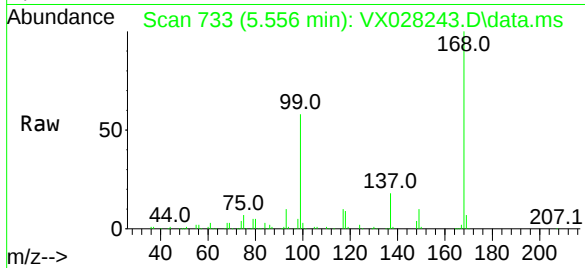




#38
Carbon Tetrachloride
Concen: 5.507 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

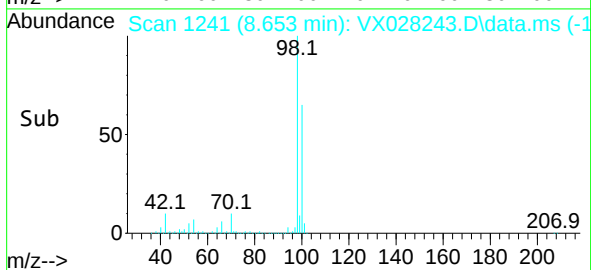
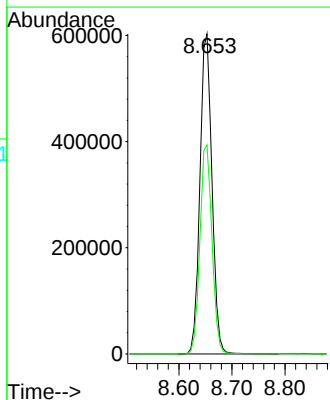
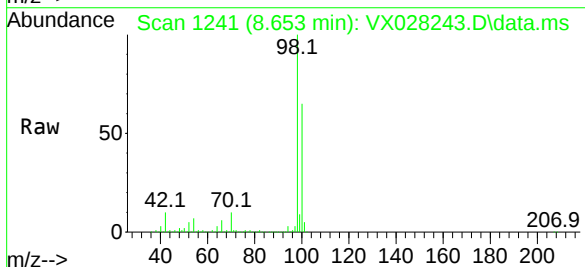
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220419

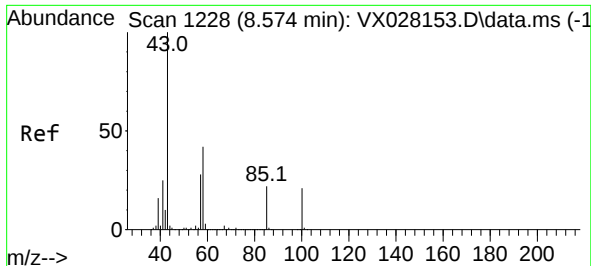
Tgt Ion:117 Resp: 38915
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 51.457 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

Tgt Ion: 98 Resp: 948456
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

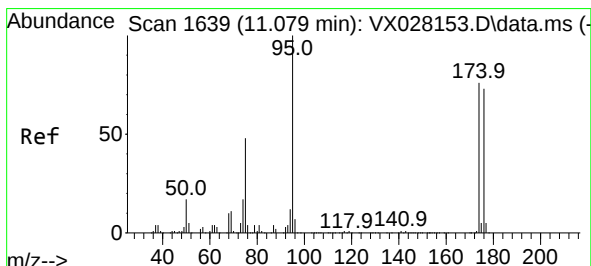
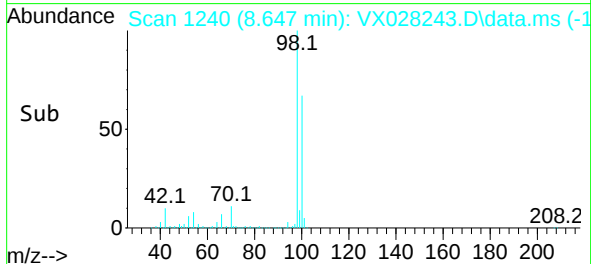
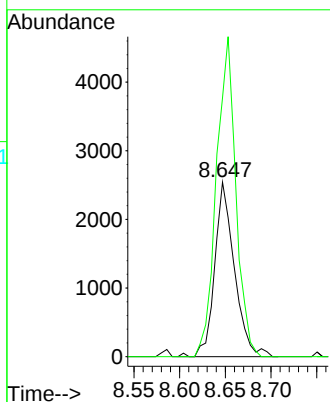
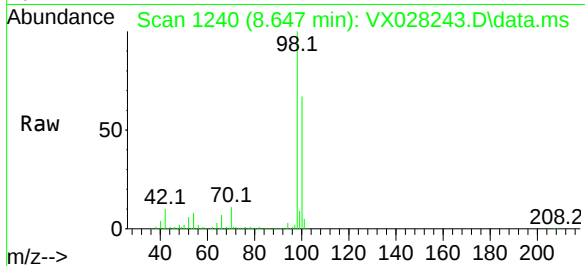




#51
4-Methyl-2-Pentanone
Concen: 0.575 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

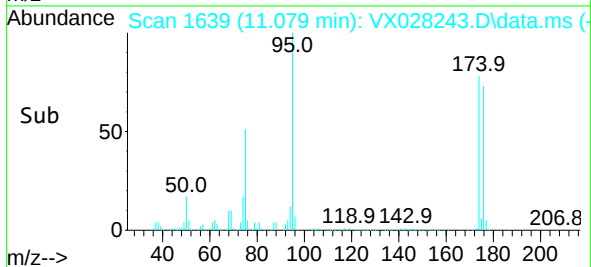
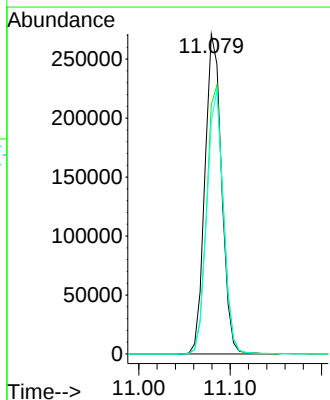
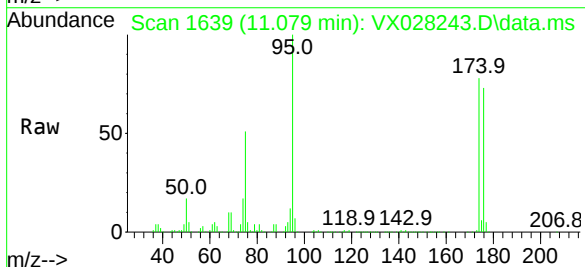
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220419

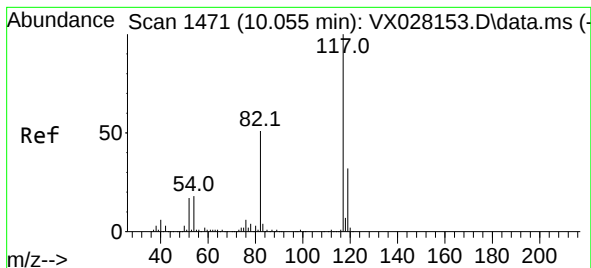
Tgt Ion: 43 Resp: 3813
Ion Ratio Lower Upper
43 100
58 181.5 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 48.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

Tgt Ion: 95 Resp: 342570
Ion Ratio Lower Upper
95 100
174 84.6 0.0 163.0
176 81.5 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX028243.D

Acq: 21 Apr 2022 16:00

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-TB-20220419

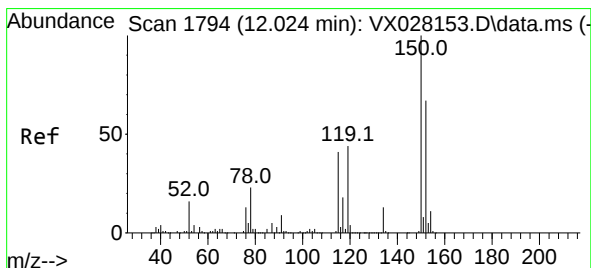
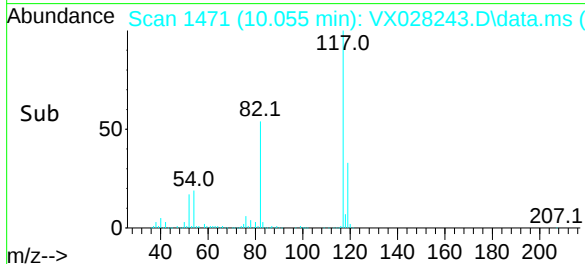
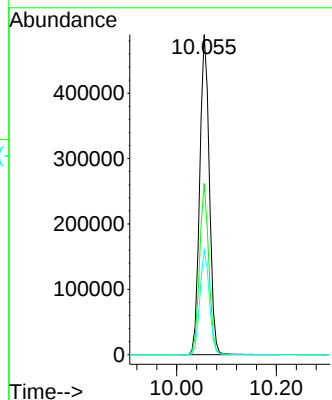
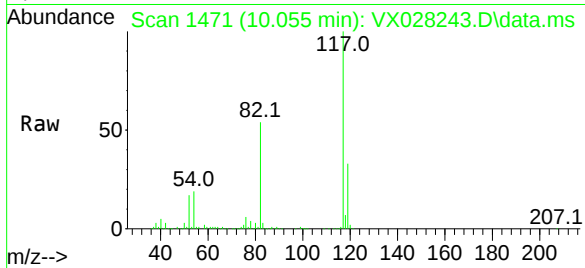
Tgt Ion:117 Resp: 654160

Ion Ratio Lower Upper

117 100

82 53.5 41.8 62.8

119 32.7 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX028243.D

Acq: 21 Apr 2022 16:00

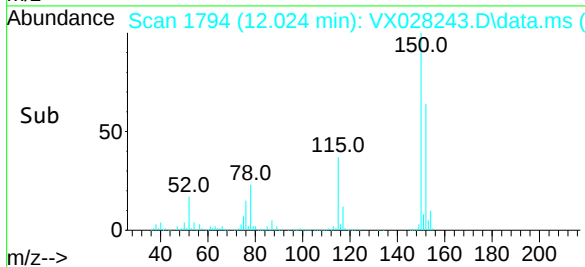
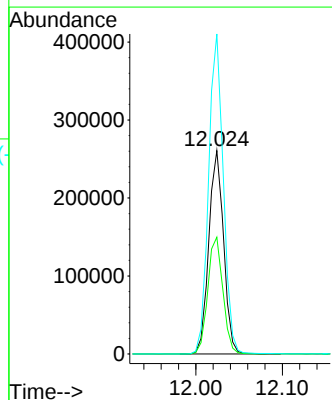
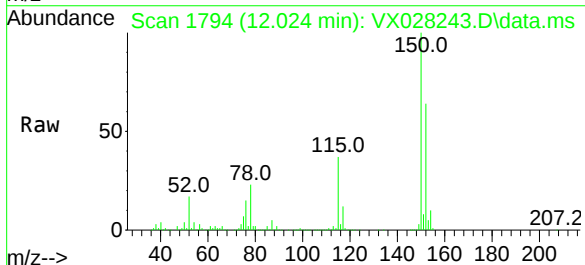
Tgt Ion:152 Resp: 309823

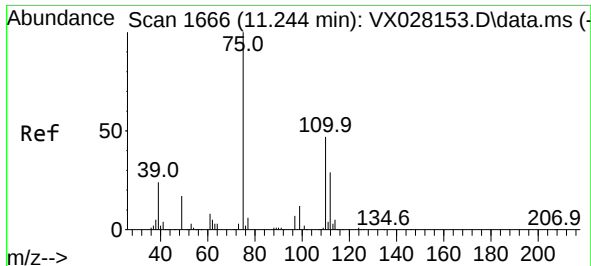
Ion Ratio Lower Upper

152 100

115 58.5 37.5 112.7

150 156.5 0.0 338.2

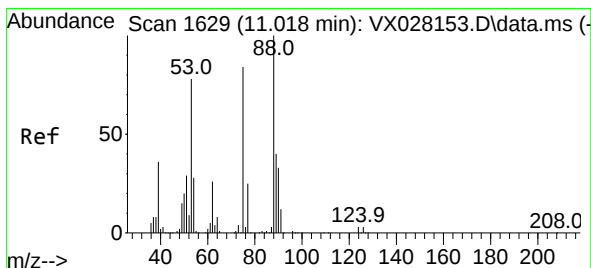
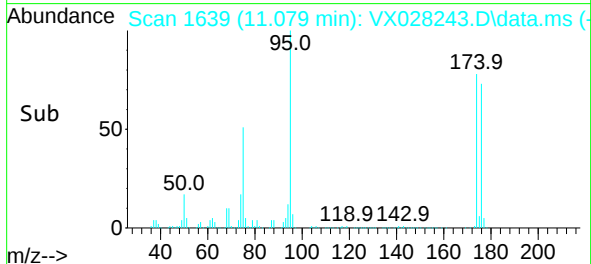
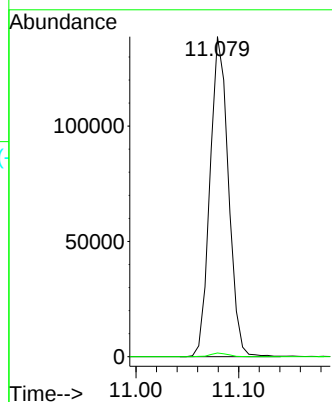
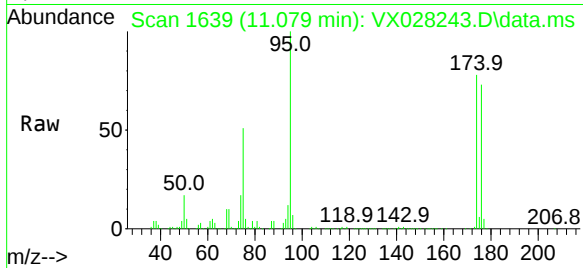




#76
1,2,3-Trichloropropane
Concen: 28.446 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220419

Tgt Ion: 75 Resp: 173451
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.534 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028243.D
Acq: 21 Apr 2022 16:00

Tgt Ion: 75 Resp: 173451
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

