

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028500.D
 Acq On : 03 May 2022 14:42
 Operator : JC/MD
 Sample : N2646-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB-20220429

Quant Time: May 04 06:05:12 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)

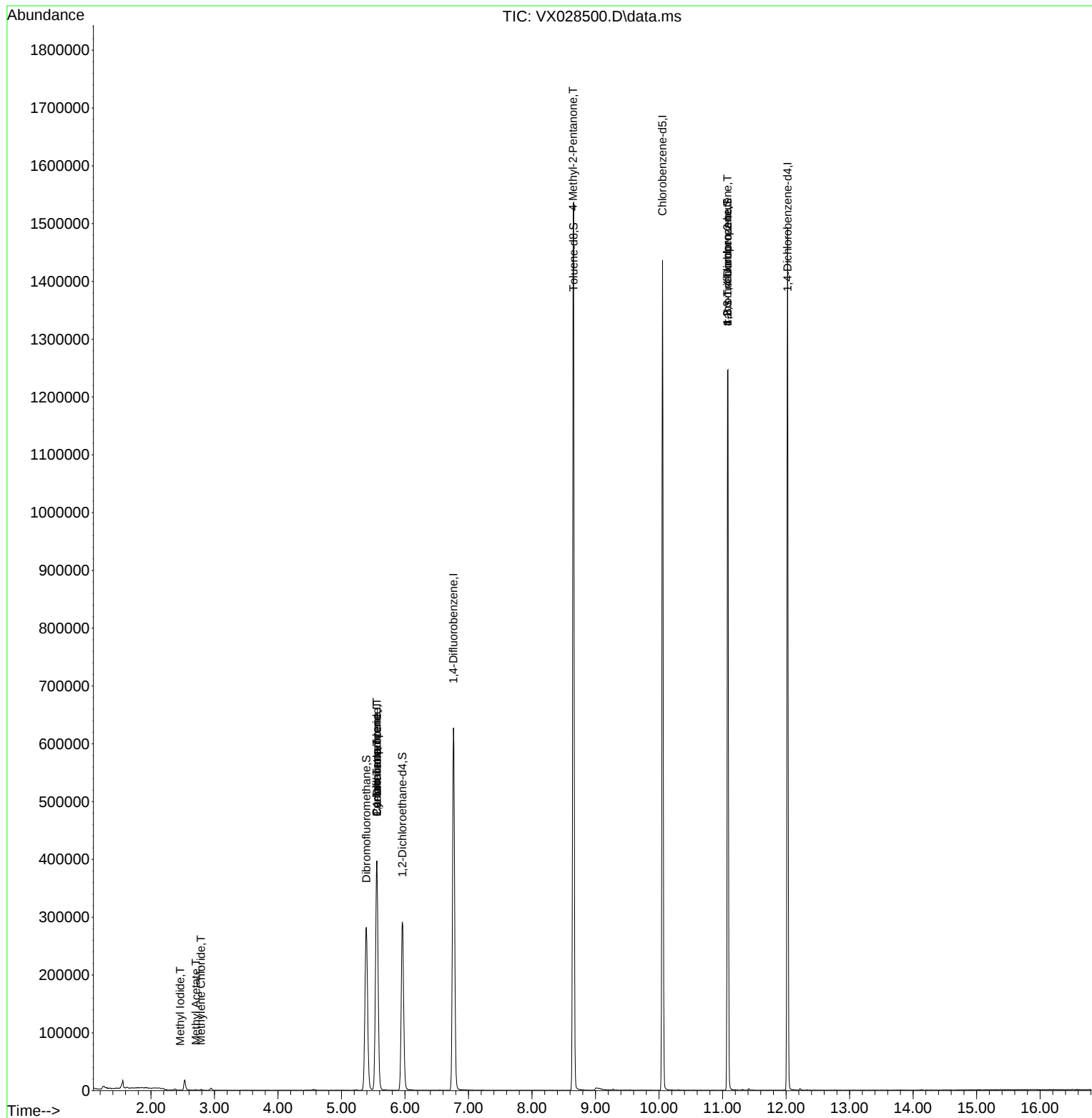
Internal Standards						
1) Pentafluorobenzene	5.556	168	382113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	669121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	657135	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	305168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	275996	55.395	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.800%
35) Dibromofluoromethane	5.391	113	246177	52.462	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.920%
50) Toluene-d8	8.653	98	927322	51.452	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.900%
62) 4-Bromofluorobenzene	11.079	95	335675	48.711	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.420%
Target Compounds						
						Qvalue
3) Chloromethane	1.288	50	545	Below Cal		91
5) Bromomethane	1.618	94	927	Below Cal		87
6) Chloroethane	1.666	64	129	Below Cal	#	43
10) Methyl Iodide	2.459	142	414	5.322 ug/l	#	79
11) Tert butyl alcohol	2.941	59	1860	Below Cal	#	72
16) Acetone	2.380	43	1994	Below Cal		99
18) Methyl Acetate	2.709	43	966	0.218 ug/l	#	69
20) Methylene Chloride	2.788	84	751	0.203 ug/l	#	74
31) Cyclohexane	5.556	56	7315	1.205 ug/l	#	37
36) 1,1-Dichloropropene	5.556	75	27991	4.573 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	37914	5.487 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.647	43	3451	0.532 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	166527	27.727 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.079	75	166527	82.398 ug/l	#	15

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

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BP-TT-TB-20220429

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
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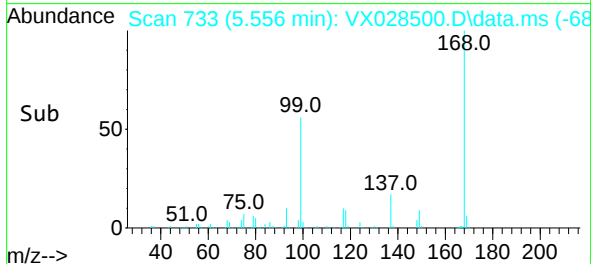
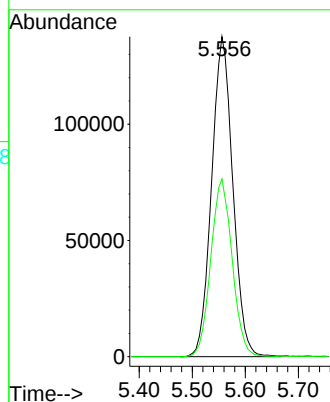
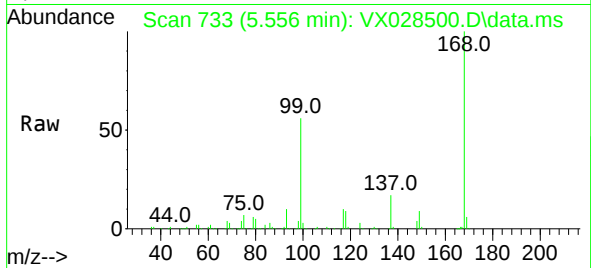




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

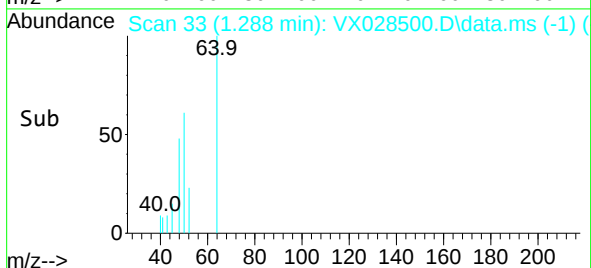
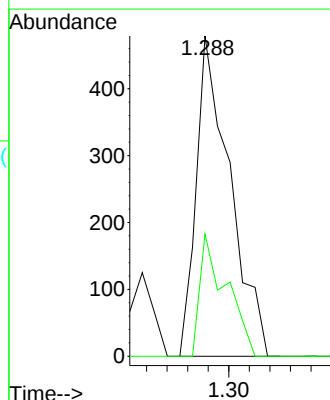
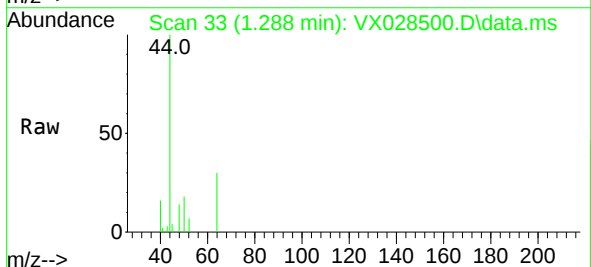
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220429

Tgt Ion:168 Resp: 382113
Ion Ratio Lower Upper
168 100
99 55.6 41.7 62.5



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

Tgt Ion: 50 Resp: 545
Ion Ratio Lower Upper
50 100
52 38.2 26.4 39.6

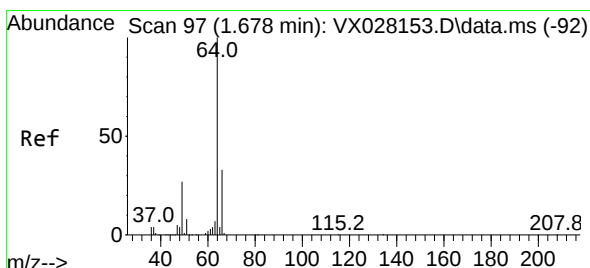
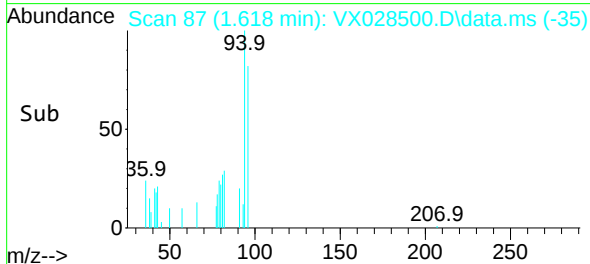
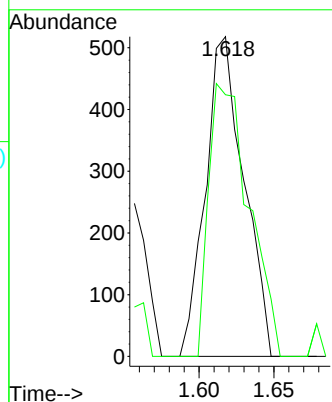
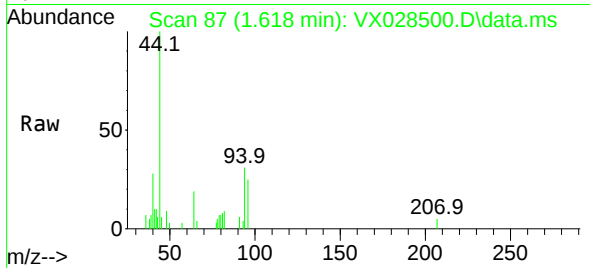




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

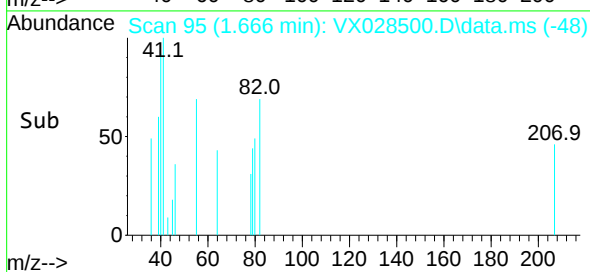
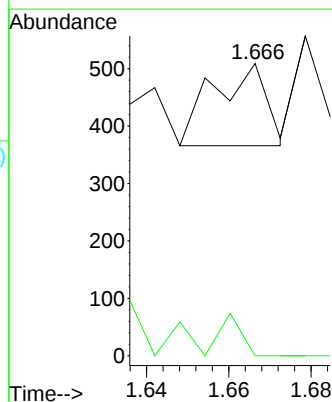
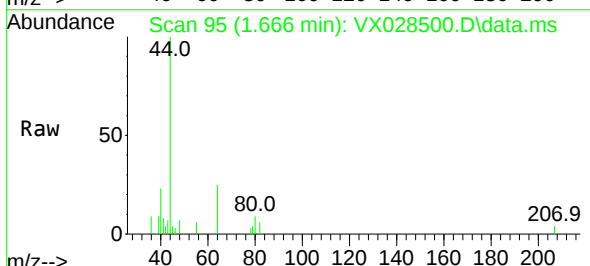
Instrument :
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ClientSampleId :
BP-TT-TB-20220429

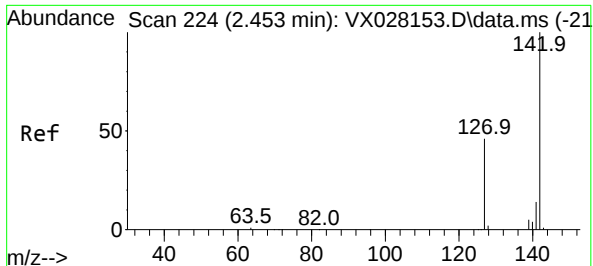
Tgt Ion: 94 Resp: 927
Ion Ratio Lower Upper
94 100
96 81.9 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

Tgt Ion: 64 Resp: 129
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

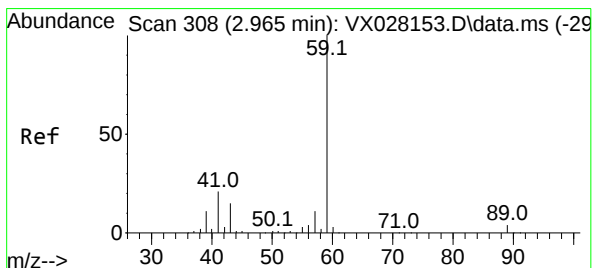
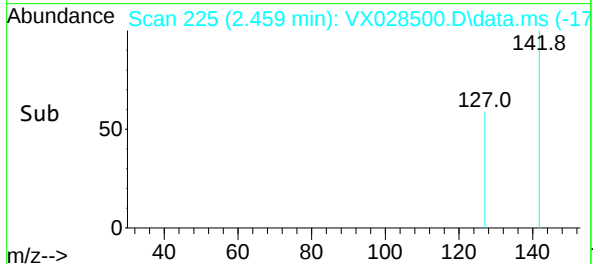
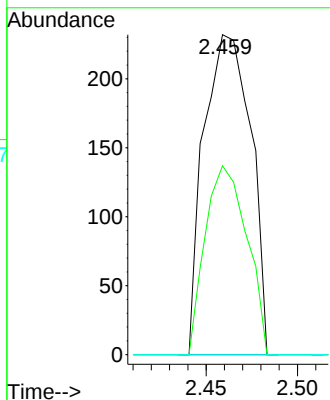
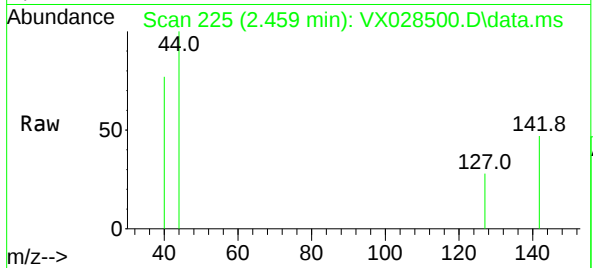




#10
Methyl Iodide
Concen: 5.322 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

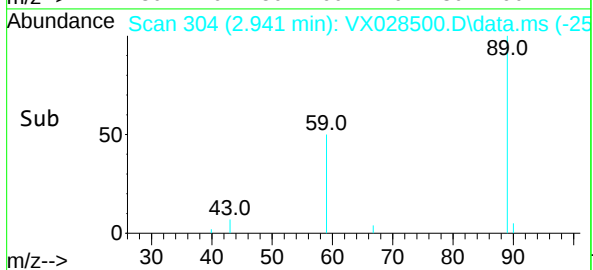
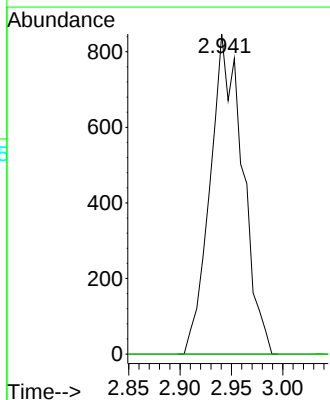
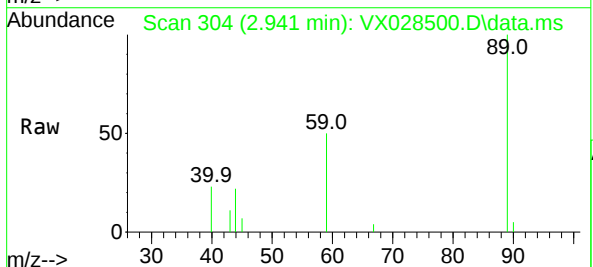
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220429

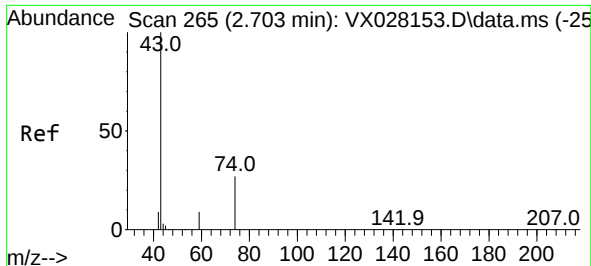
Tgt Ion:142 Resp: 414
Ion Ratio Lower Upper
142 100
127 52.4 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

Tgt Ion: 59 Resp: 1860
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

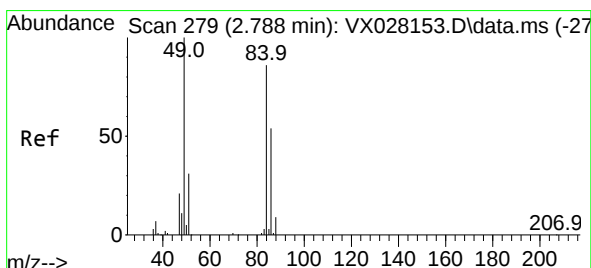
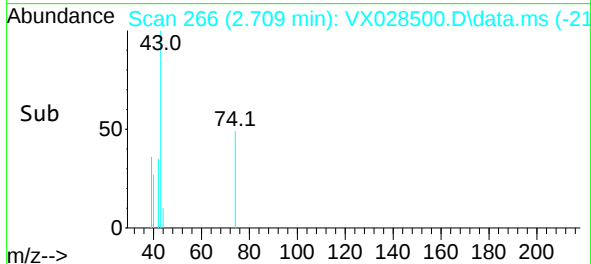
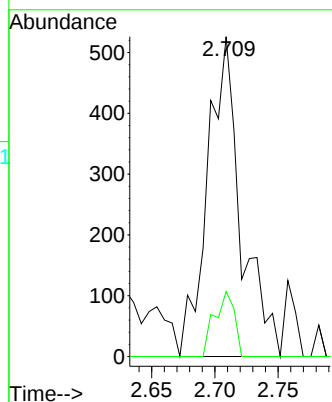
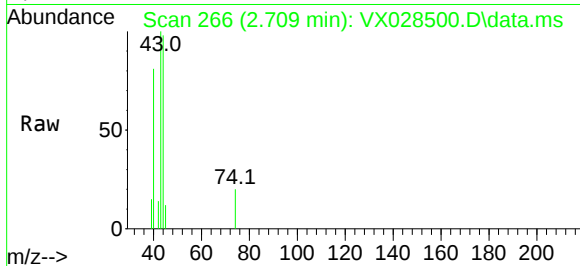




#18
Methyl Acetate
Concen: 0.218 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

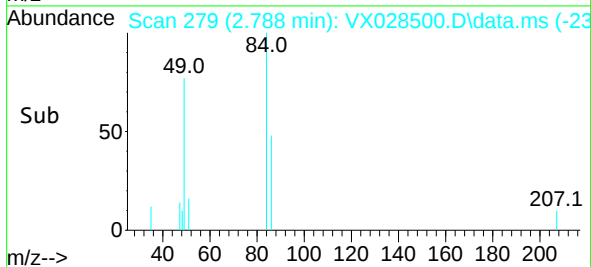
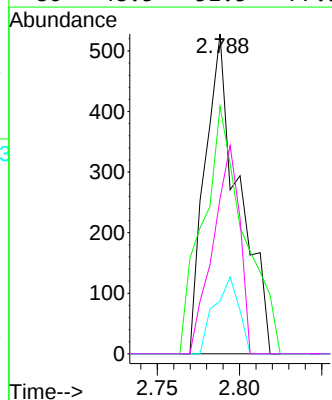
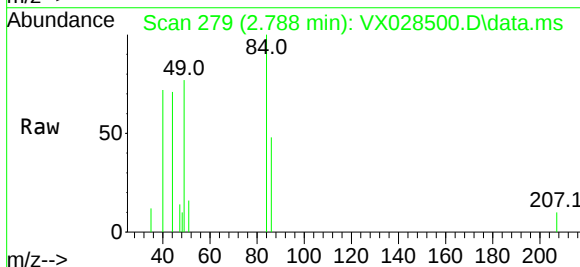
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220429

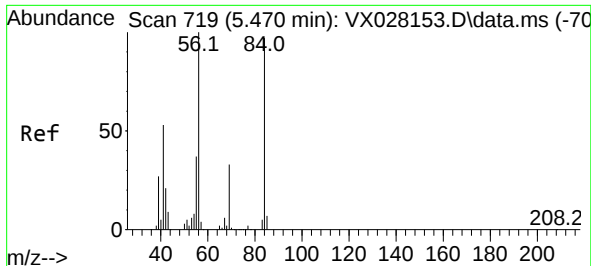
Tgt Ion: 43 Resp: 966
Ion Ratio Lower Upper
43 100
74 12.1 22.8 34.2#



#20
Methylene Chloride
Concen: 0.203 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

Tgt Ion: 84 Resp: 751
Ion Ratio Lower Upper
84 100
49 77.3 85.5 128.3#
51 16.5 26.6 39.8#
86 48.5 51.5 77.3#

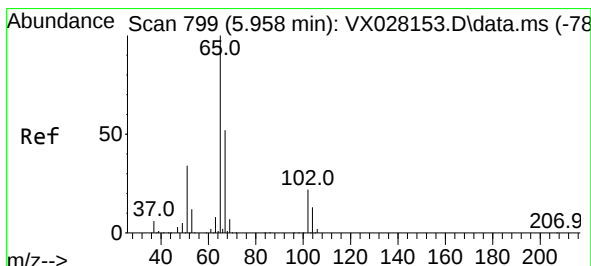
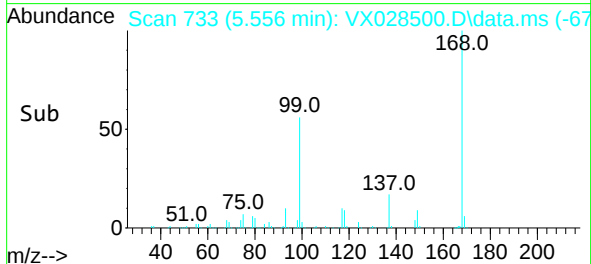
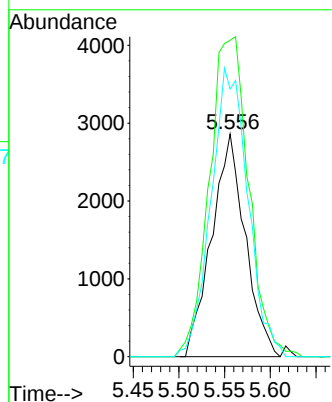
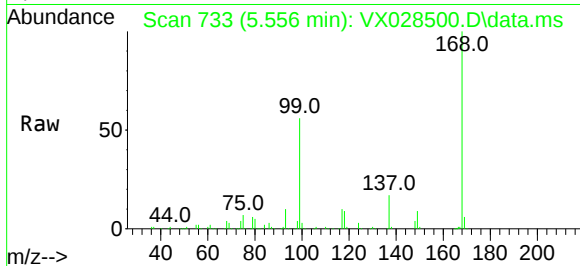




#31
Cyclohexane
Concen: 1.205 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

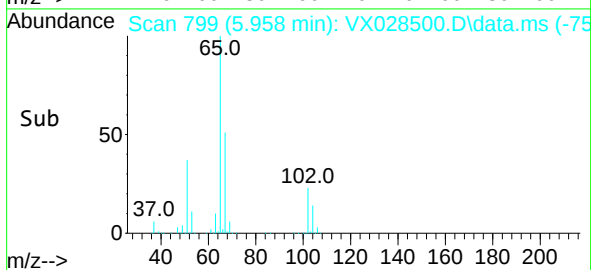
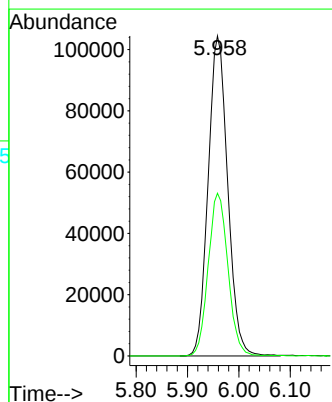
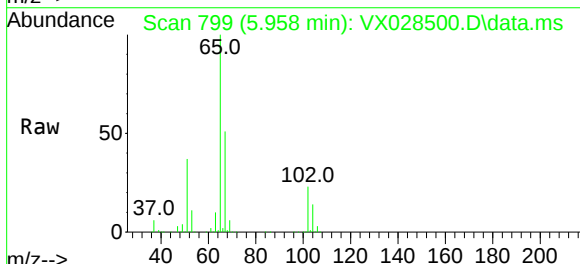
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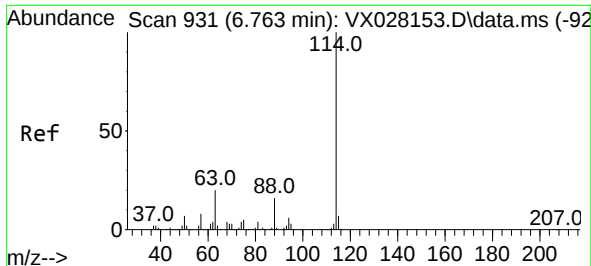
Tgt Ion: 56 Resp: 7315
Ion Ratio Lower Upper
56 100
69 138.7 26.7 40.1#
84 117.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.395 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

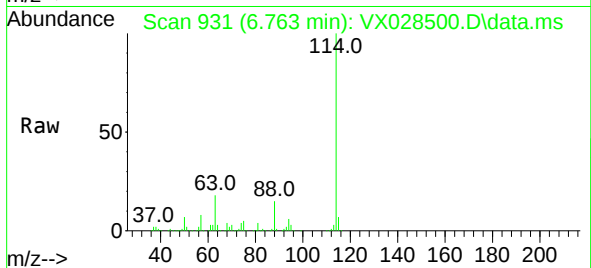
Tgt Ion: 65 Resp: 275996
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.4



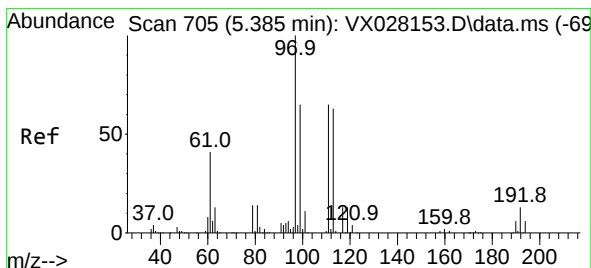
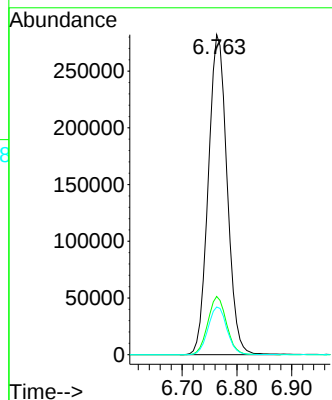
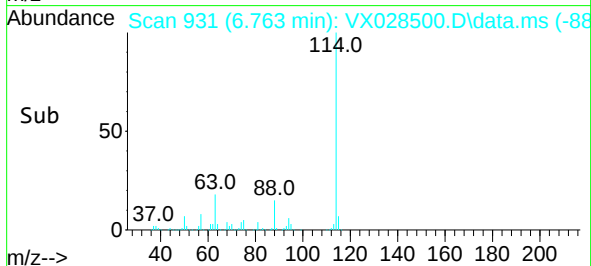


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220429

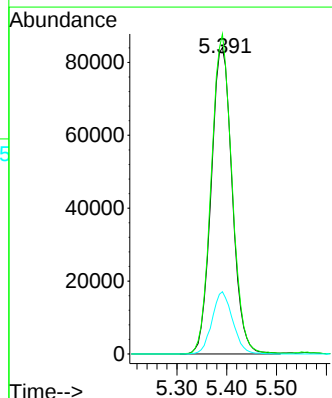
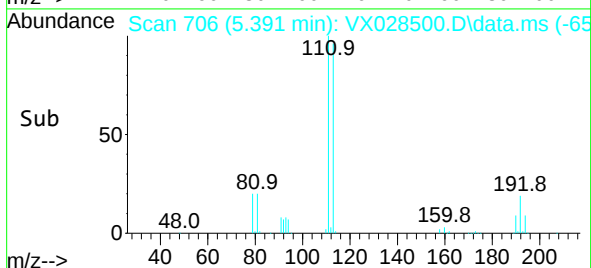
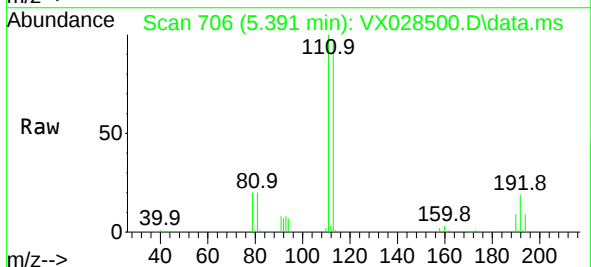


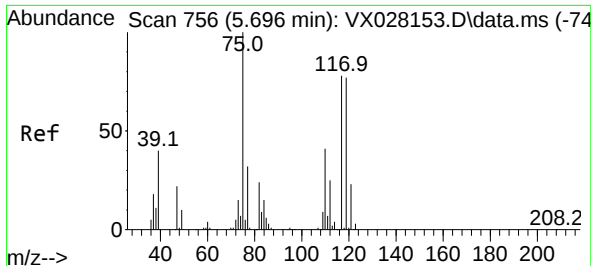
Tgt Ion:114 Resp: 669121
Ion Ratio Lower Upper
114 100
63 18.2 0.0 36.8
88 14.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.462 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

Tgt Ion:113 Resp: 246177
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 19.9 16.9 25.3

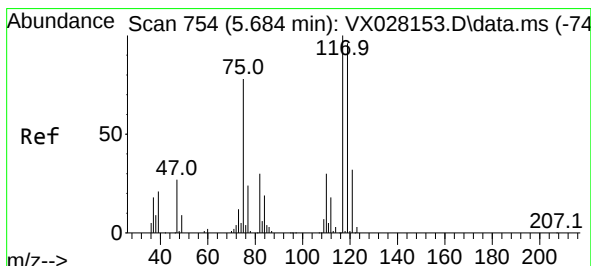
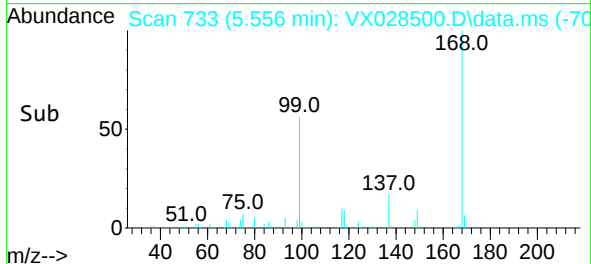
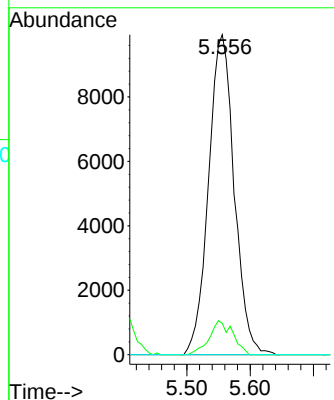
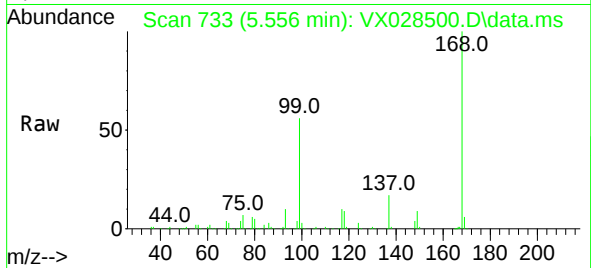




#36
1,1-Dichloropropene
Concen: 4.573 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

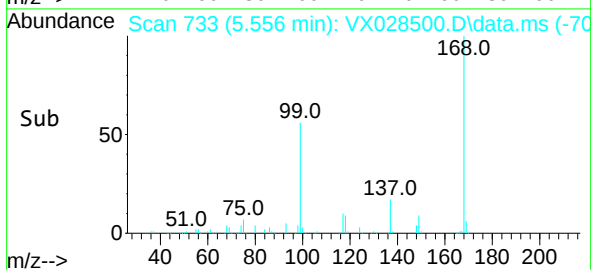
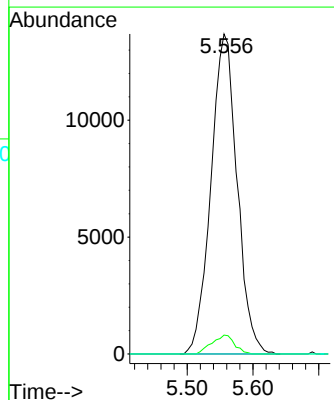
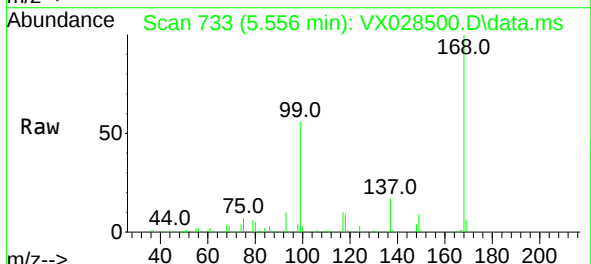
Instrument :
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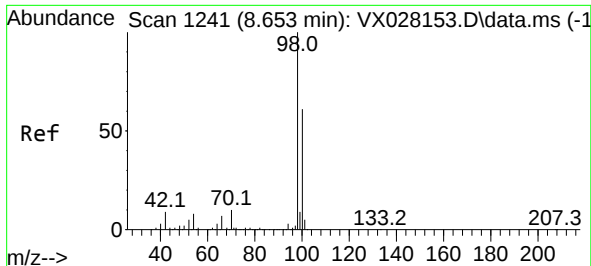
Tgt Ion: 75 Resp: 27991
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.487 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

Tgt Ion: 117 Resp: 37914
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#

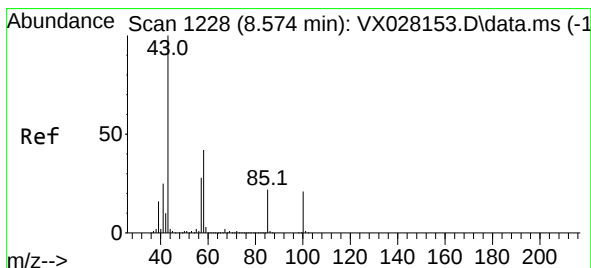
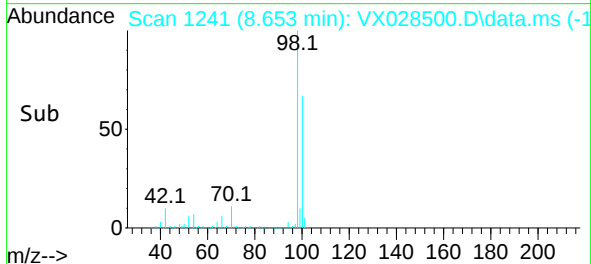
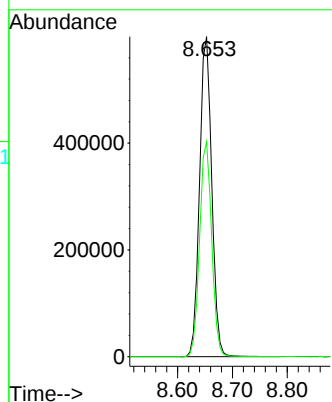
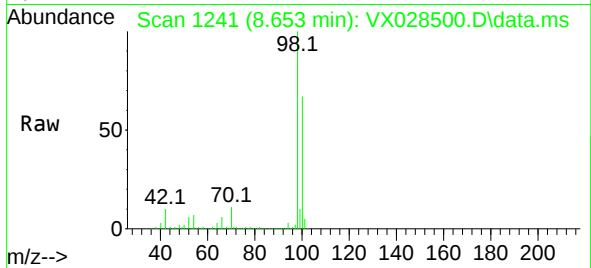




#50
Toluene-d8
Concen: 51.452 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

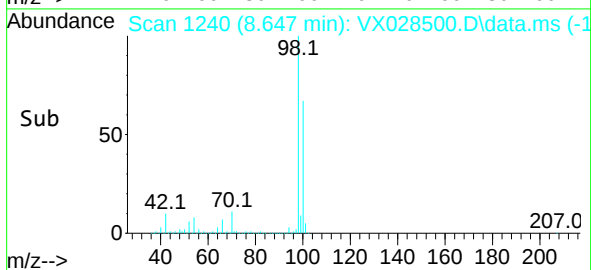
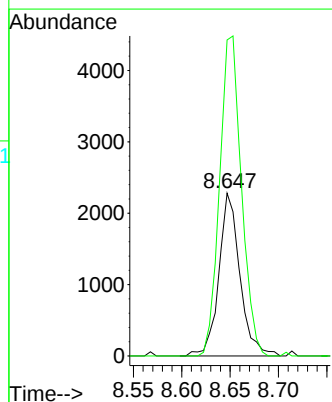
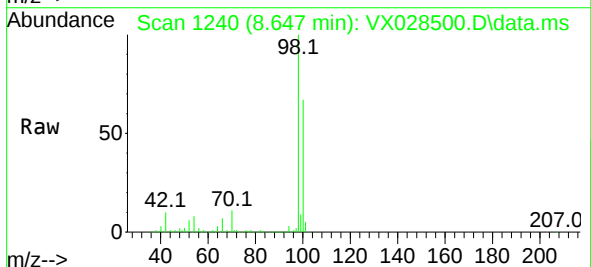
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220429

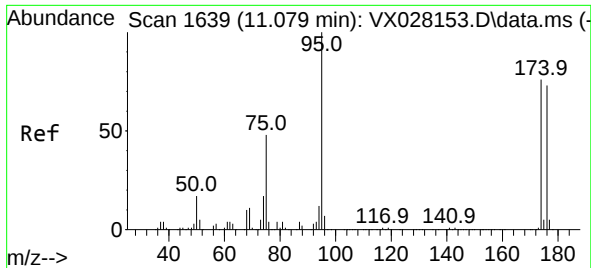
Tgt Ion: 98 Resp: 927322
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

Tgt Ion: 43 Resp: 3451
Ion Ratio Lower Upper
43 100
58 203.7 36.1 54.1#

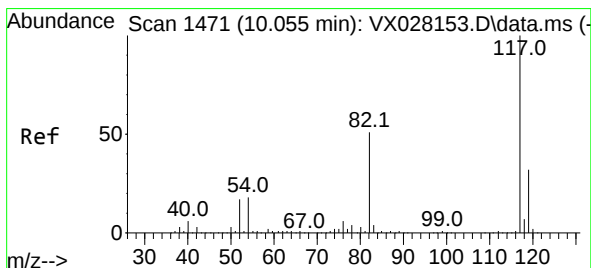
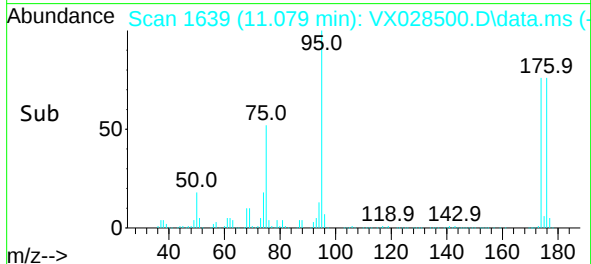
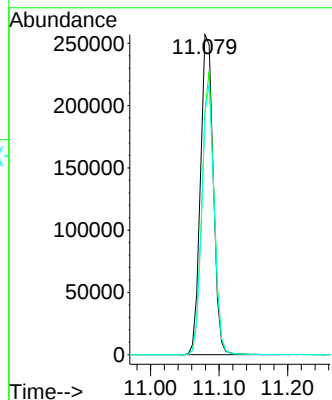
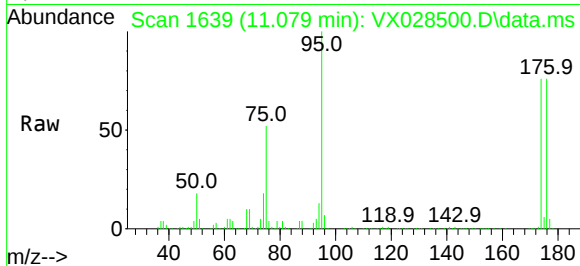




#62
4-Bromofluorobenzene
Concen: 48.711 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

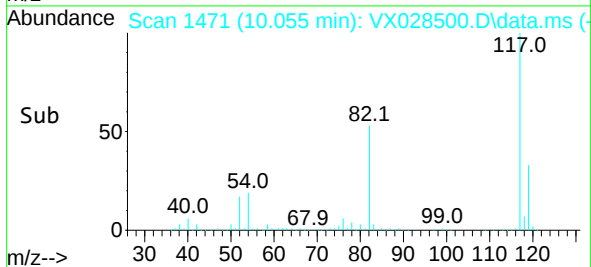
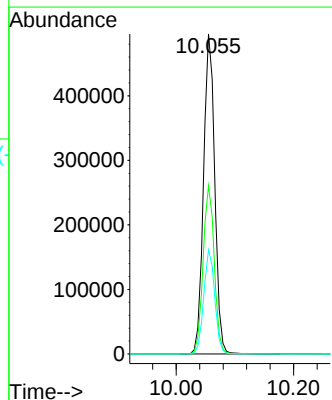
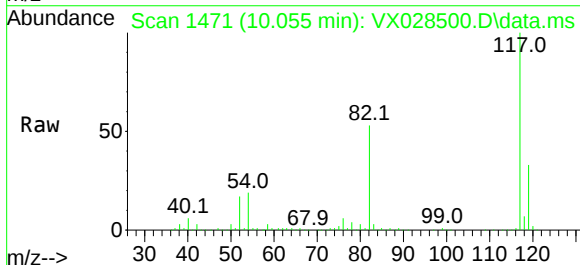
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-TB-20220429

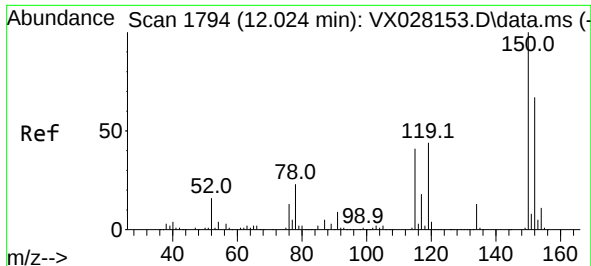
Tgt Ion: 95 Resp: 335675
Ion Ratio Lower Upper
95 100
174 84.0 0.0 163.0
176 81.4 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028500.D
Acq: 03 May 2022 14:42

Tgt Ion: 117 Resp: 657135
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.5 24.8 37.2

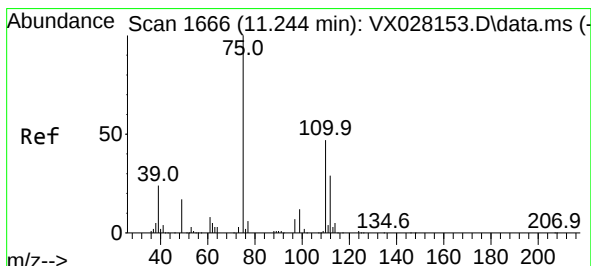
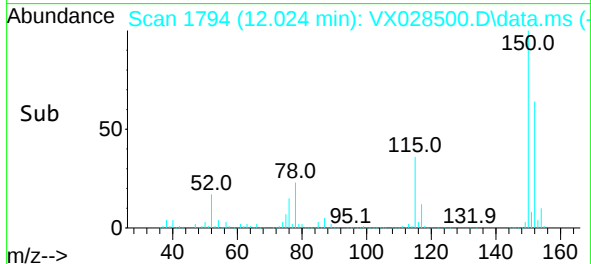
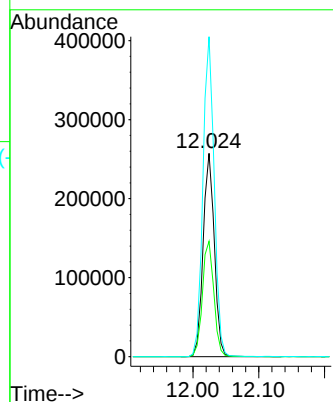
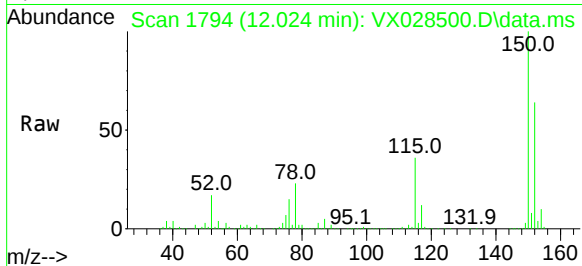




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028500.D
 Acq: 03 May 2022 14:42

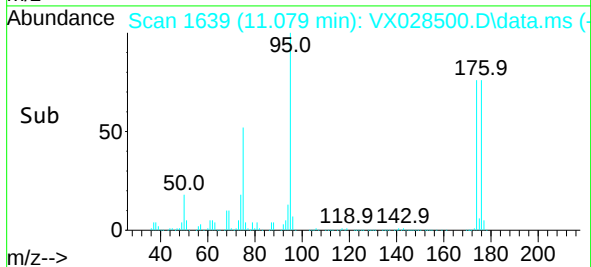
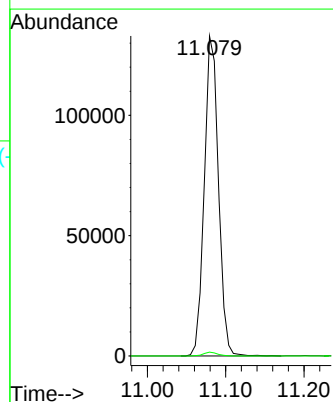
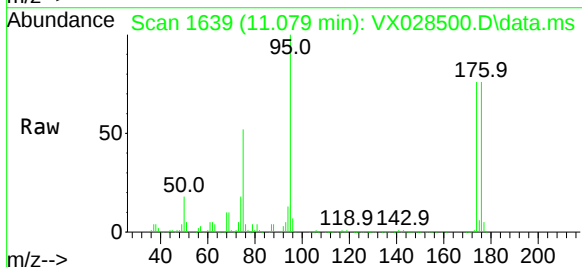
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB-20220429

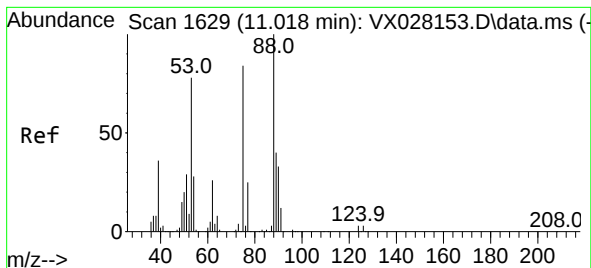
Tgt Ion:152 Resp: 305168
 Ion Ratio Lower Upper
 152 100
 115 58.0 37.5 112.7
 150 157.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 27.727 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX028500.D
 Acq: 03 May 2022 14:42

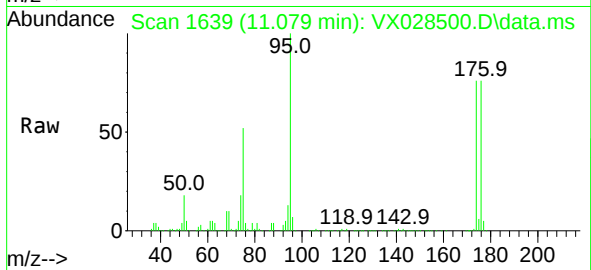
Tgt Ion: 75 Resp: 166527
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.398 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028500.D
 Acq: 03 May 2022 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-TB-20220429



Tgt Ion: 75 Resp: 166527
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

