

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042973.D
 Acq On : 09 Aug 2024 05:39
 Operator : JC/MD
 Sample : P3515-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20240806

Quant Time: Aug 09 06:16:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

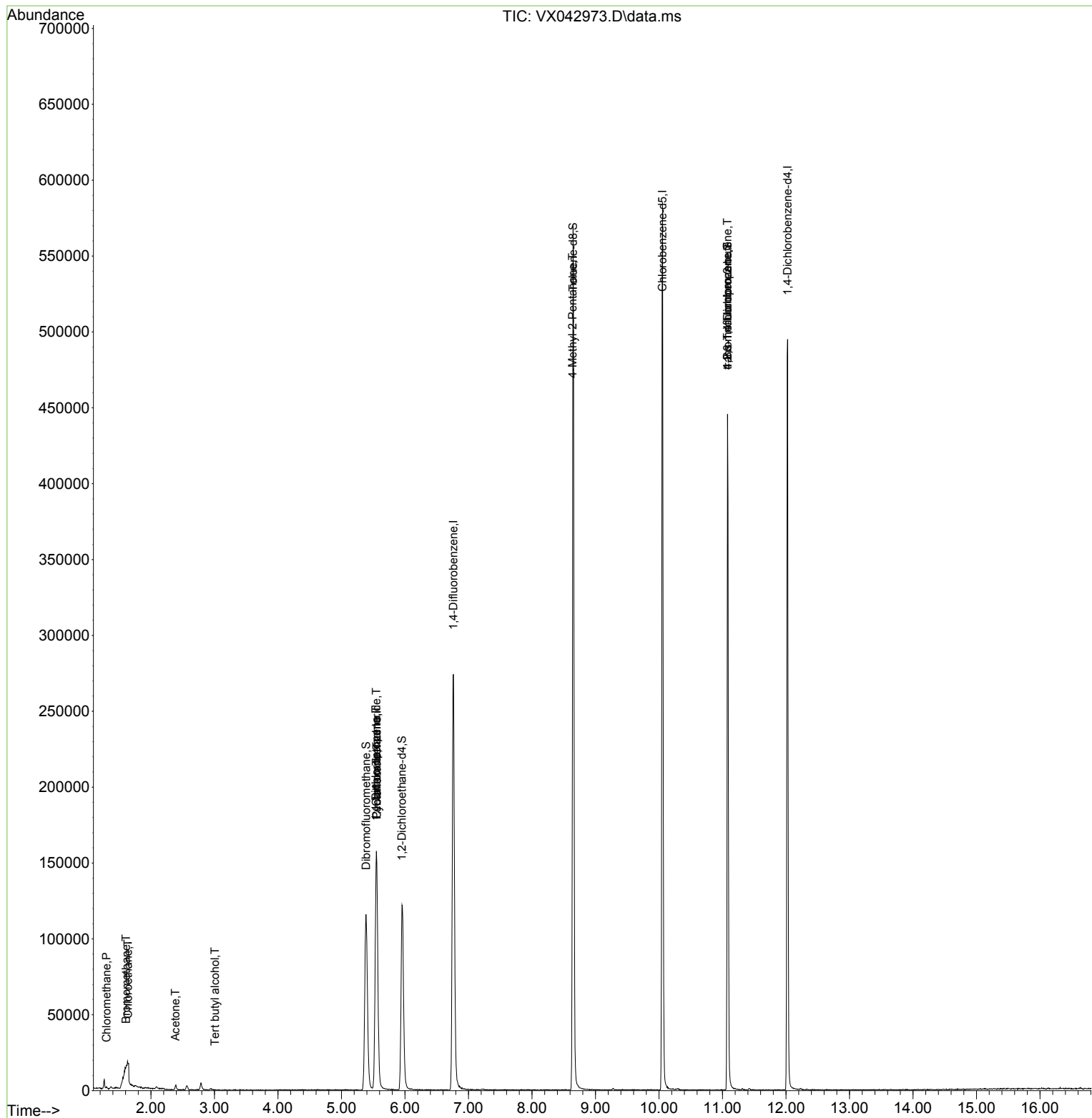
Internal Standards						
1) Pentafluorobenzene	5.556	168	149046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	287018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269627	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	123457	60.338	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 120.680%#			
35) Dibromofluoromethane	5.385	113	104980	55.940	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.880%			
50) Toluene-d8	8.647	98	344878	51.766	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.540%			
62) 4-Bromofluorobenzene	11.079	95	119941	50.100	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.200%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	868	0.496	ug/l #	77
5) Bromomethane	1.605	94	413	0.411	ug/l #	46
6) Chloroethane	1.636	64	199	0.210	ug/l #	43
11) Tert butyl alcohol	3.008	59	100	0.246	ug/l #	78
16) Acetone	2.386	43	2826	3.184	ug/l #	79
31) Cyclohexane	5.556	56	3219	1.257	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12654	4.973	ug/l #	45
38) Carbon Tetrachloride	5.550	117	15869	5.525	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1673	0.530	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	62520	26.061	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	62520	84.738	ug/l #	5

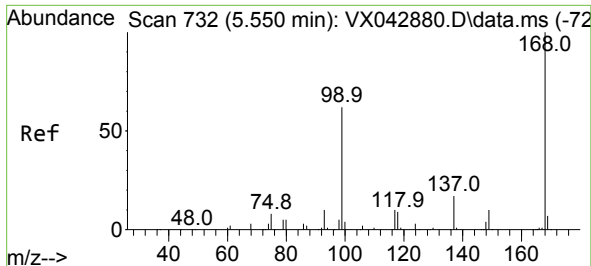
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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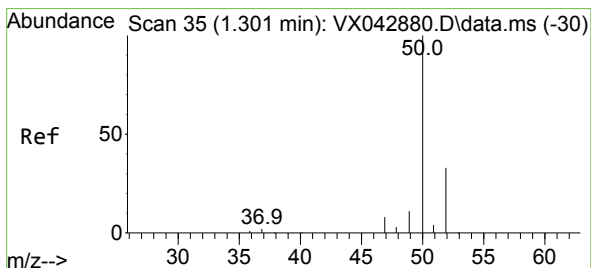
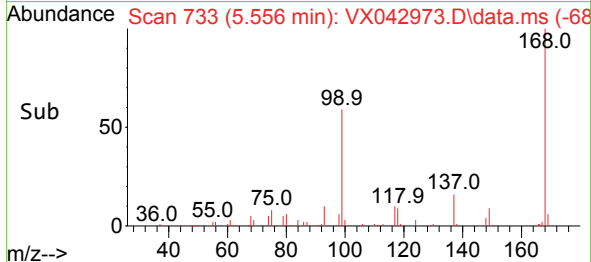
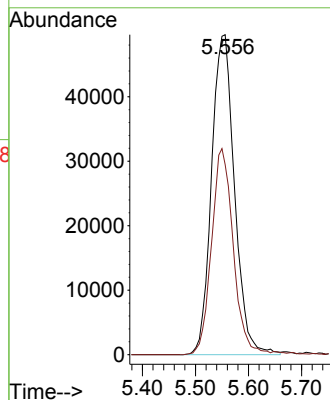
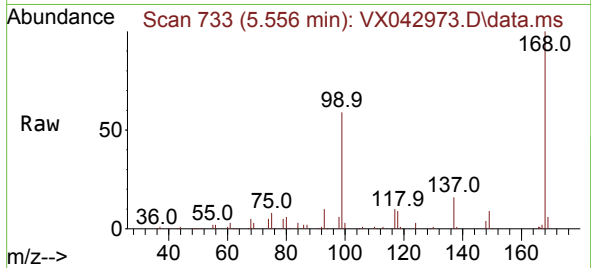




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

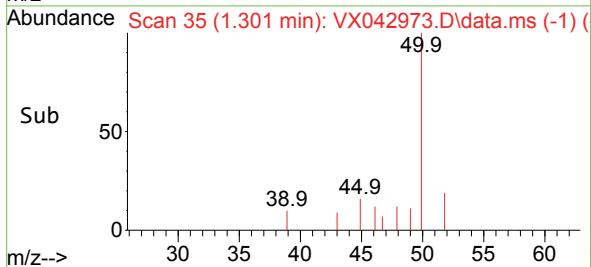
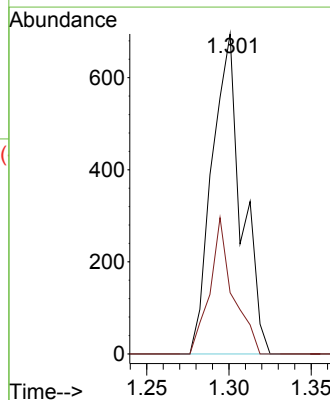
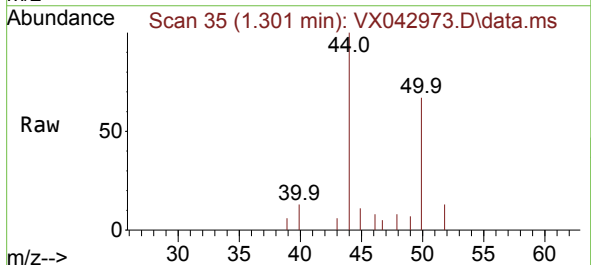
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20240806

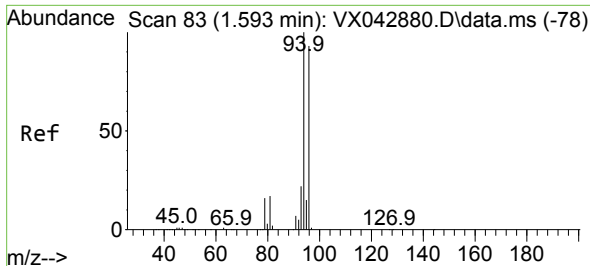
Tgt Ion:168 Resp: 149046
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#3
Chloromethane
Concen: 0.496 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

Tgt Ion: 50 Resp: 868
Ion Ratio Lower Upper
50 100
52 19.1 25.5 38.3#

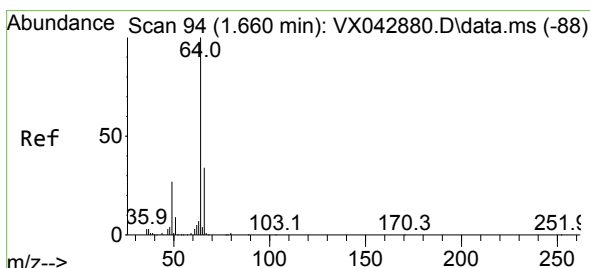
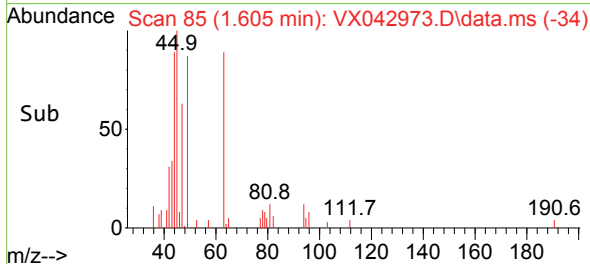
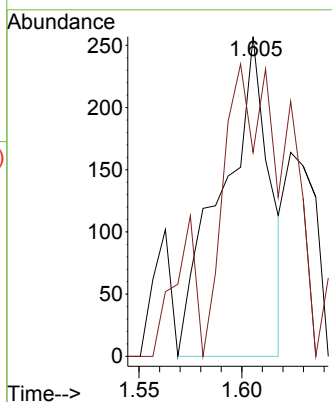
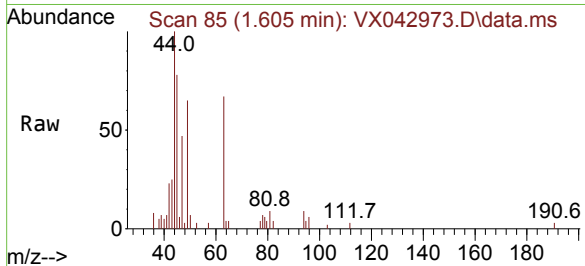




#5
Bromomethane
Concen: 0.411 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

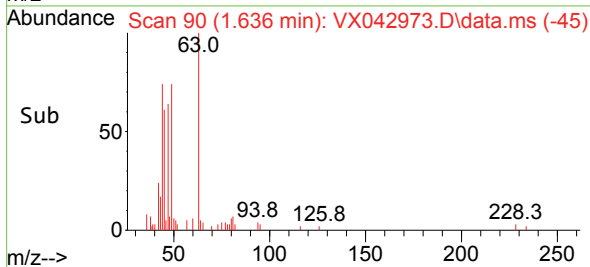
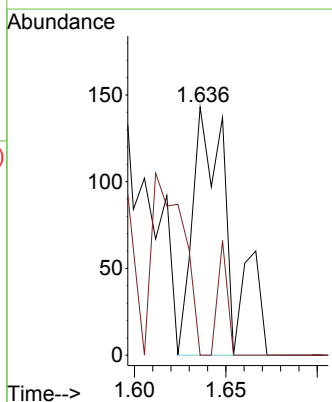
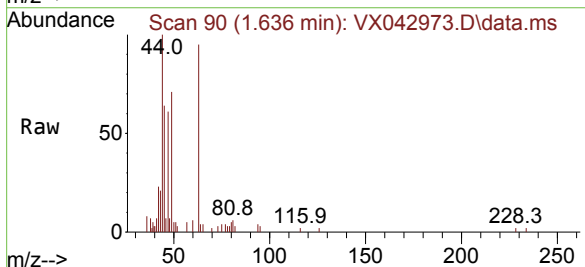
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20240806

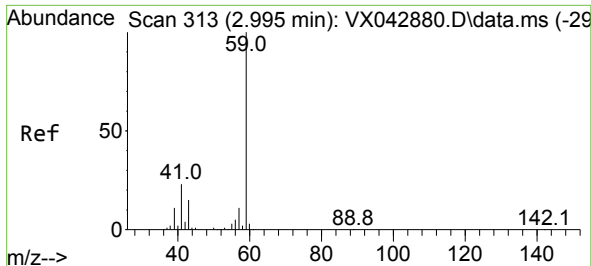
Tgt Ion: 94 Resp: 413
Ion Ratio Lower Upper
94 100
96 41.2 74.6 111.8#



#6
Chloroethane
Concen: 0.210 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.024 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

Tgt Ion: 64 Resp: 199
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.246 ug/l

RT: 3.008 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX042973.D

Acq: 09 Aug 2024 05:39

Instrument :

MSVOA_X

ClientSampleId :

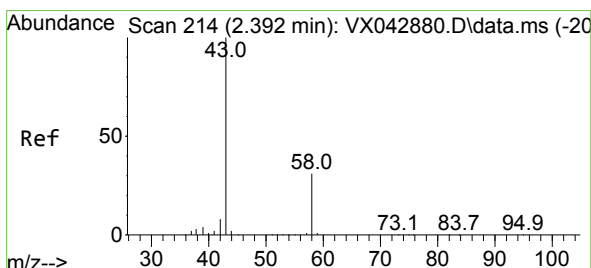
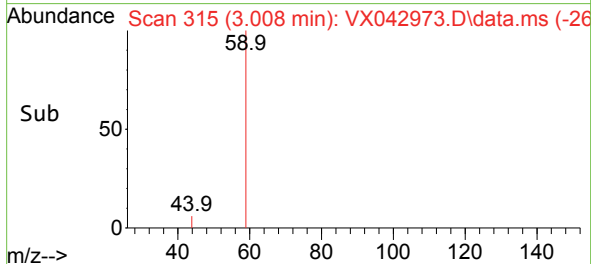
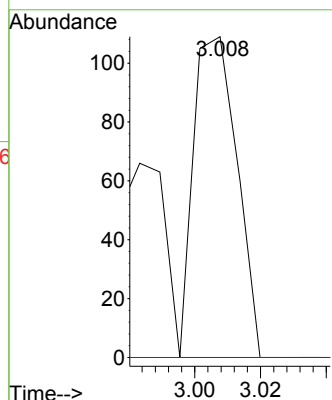
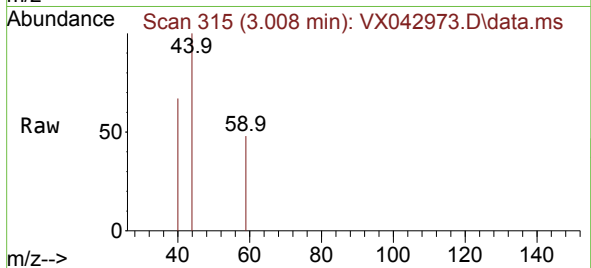
BP-TB-20240806

Tgt Ion: 59 Resp: 100

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 3.184 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX042973.D

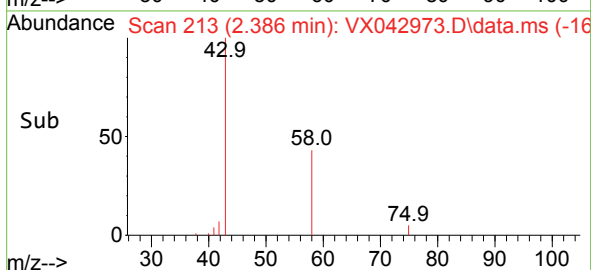
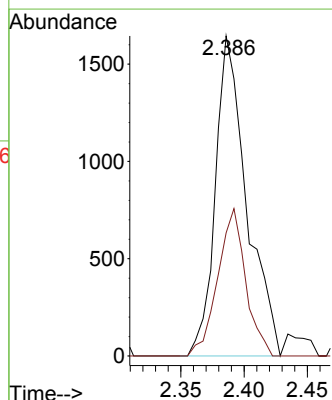
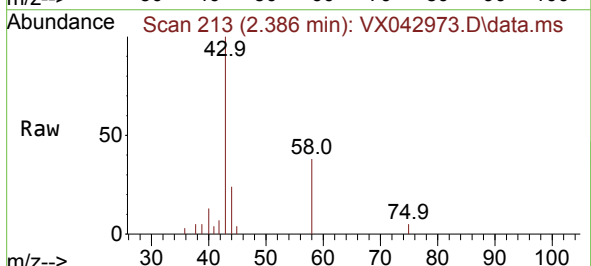
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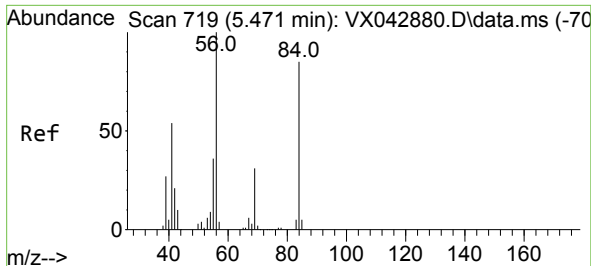
Tgt Ion: 43 Resp: 2826

Ion Ratio Lower Upper

43 100

58 38.5 21.9 32.9#

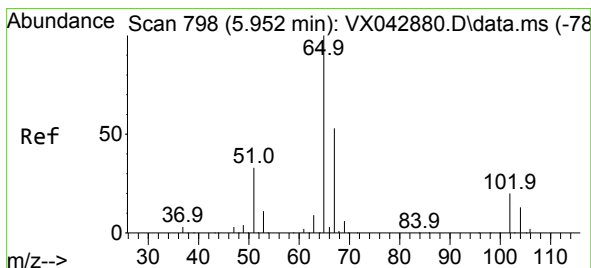
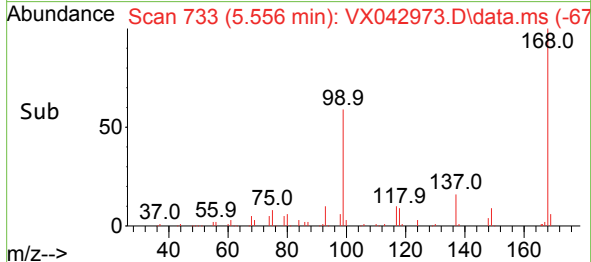
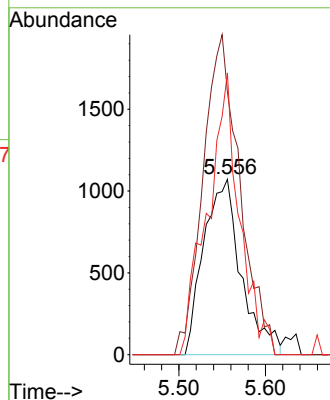
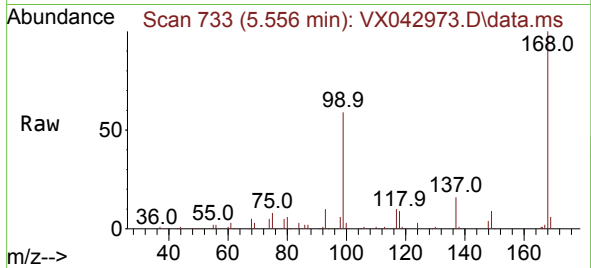




#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

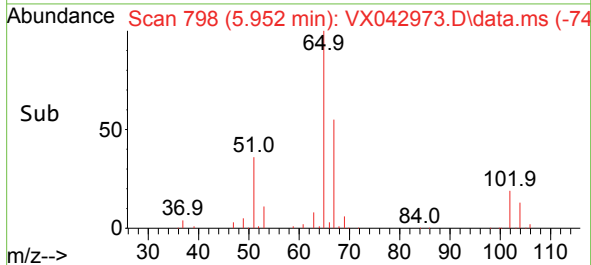
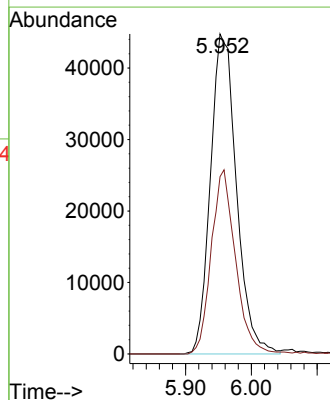
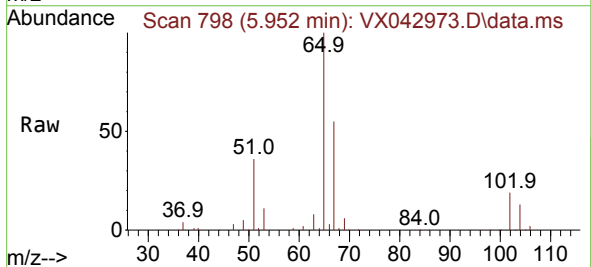
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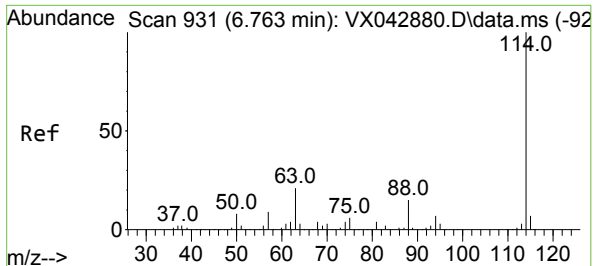
Tgt Ion: 56 Resp: 3219
Ion Ratio Lower Upper
56 100
69 149.8 23.4 35.2#
84 160.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 60.338 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

Tgt Ion: 65 Resp: 123457
Ion Ratio Lower Upper
65 100
67 53.6 0.0 100.2

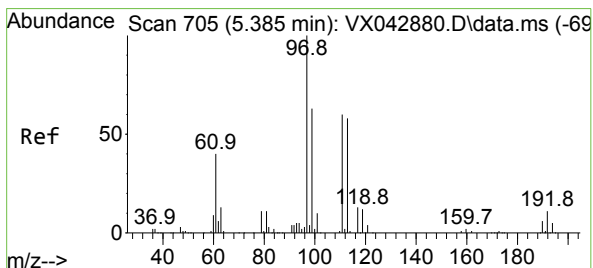
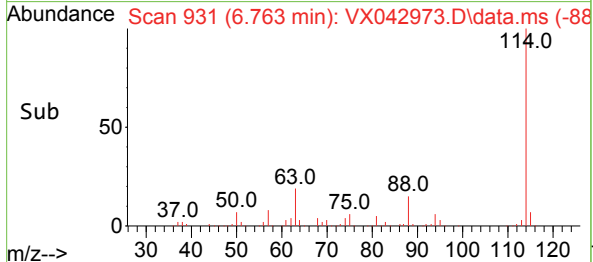
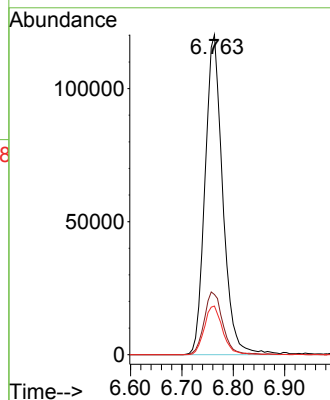
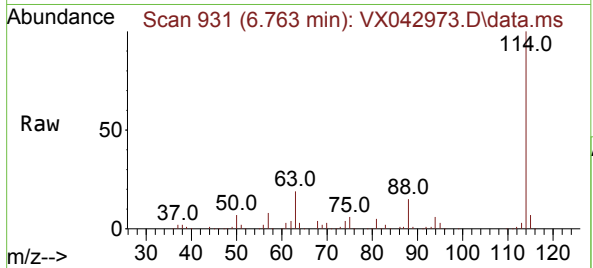




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

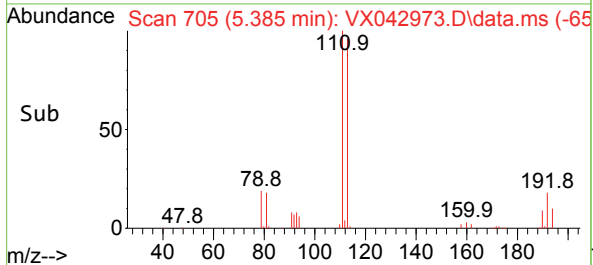
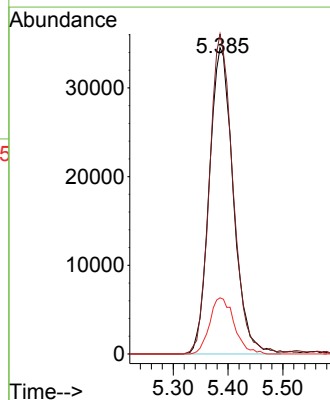
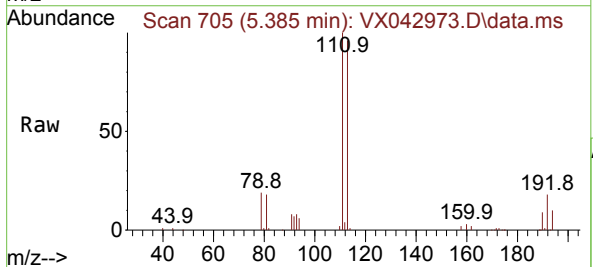
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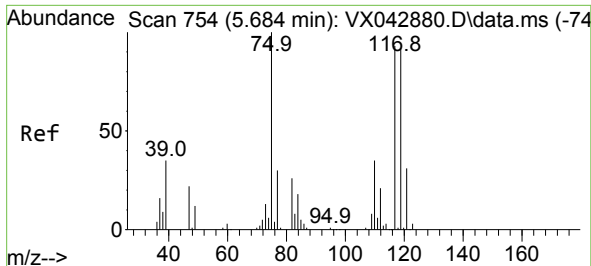
Tgt Ion:114 Resp: 287018
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 55.940 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

Tgt Ion:113 Resp: 104980
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.7 13.3 19.9

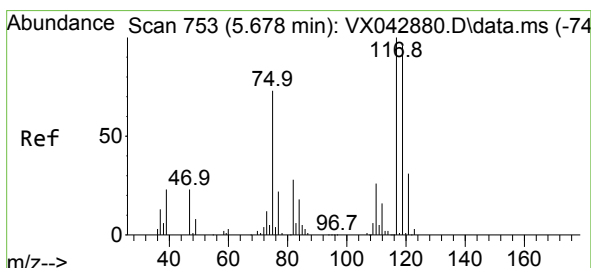
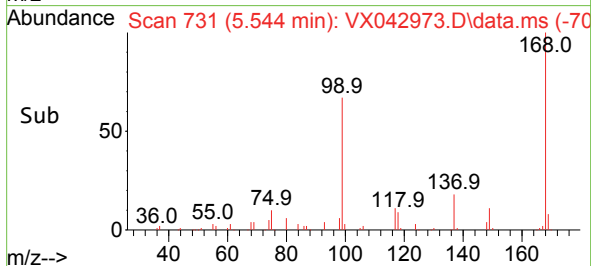
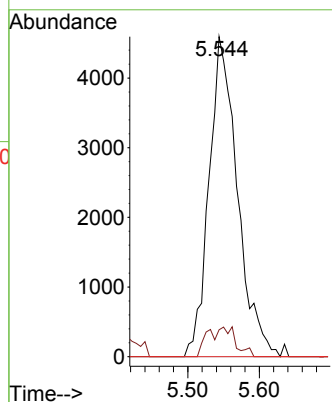
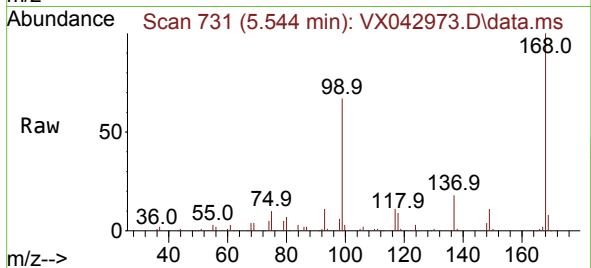




#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

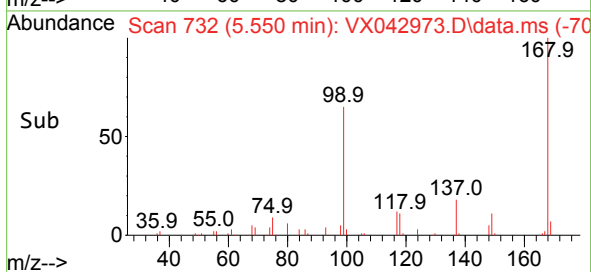
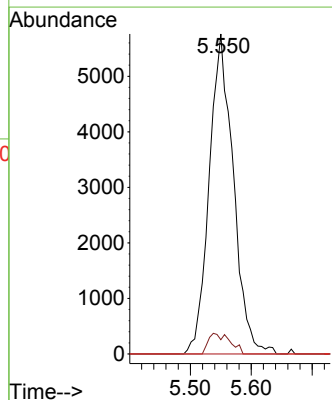
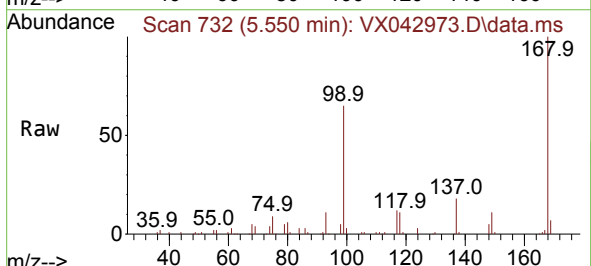
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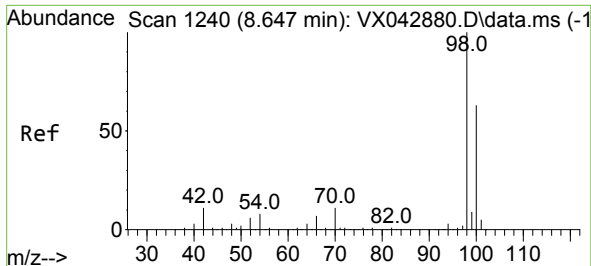
Tgt Ion: 75 Resp: 12654
Ion Ratio Lower Upper
75 100
110 3.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.525 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

Tgt Ion: 117 Resp: 15869
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#

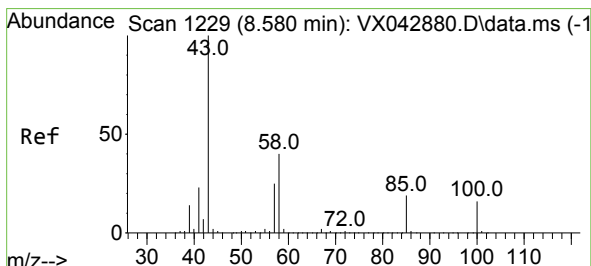
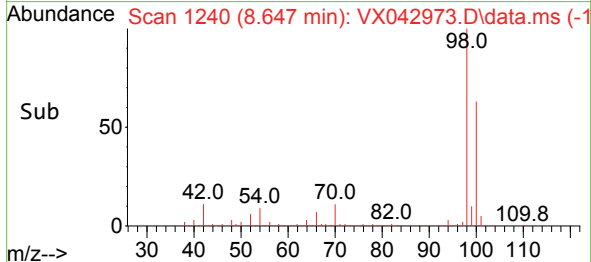
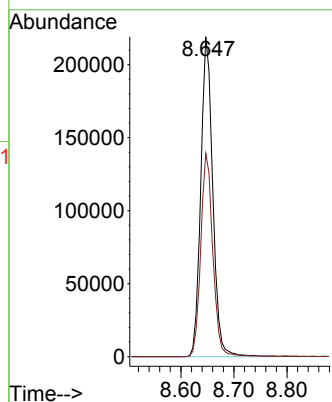
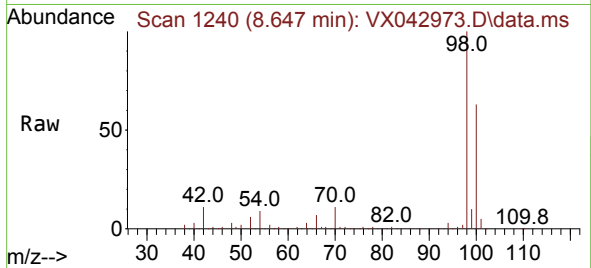




#50
Toluene-d8
Concen: 51.766 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

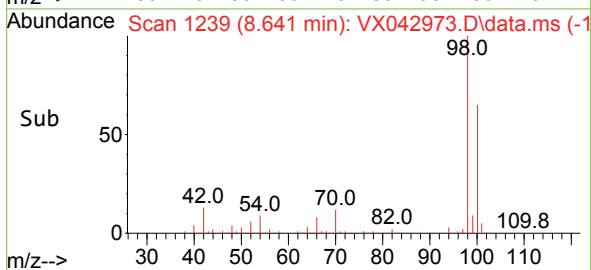
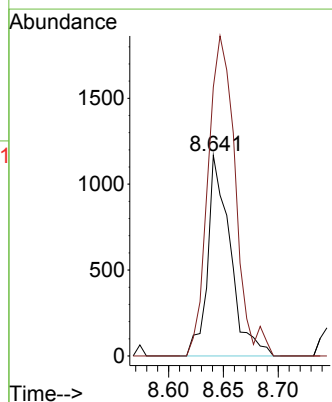
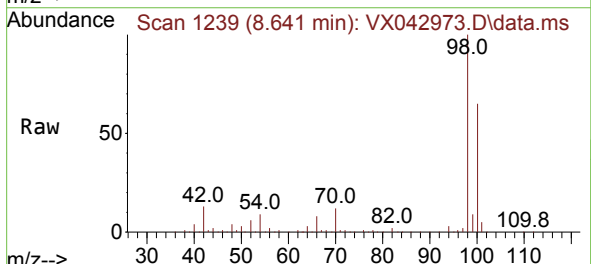
Instrument :
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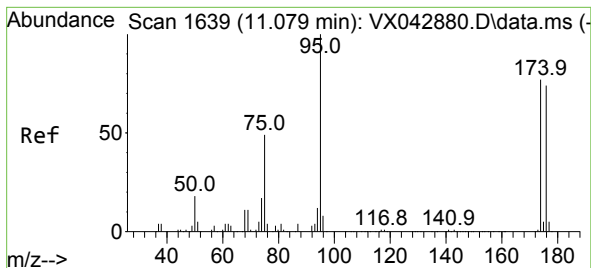
Tgt Ion: 98 Resp: 344878
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.530 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 192.9 30.4 45.6#

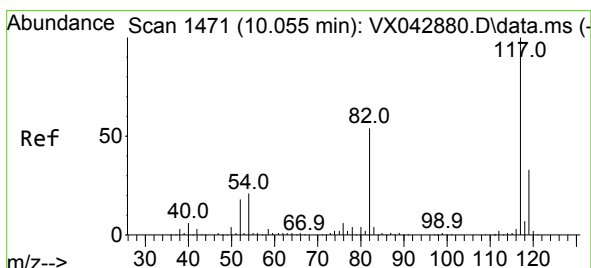
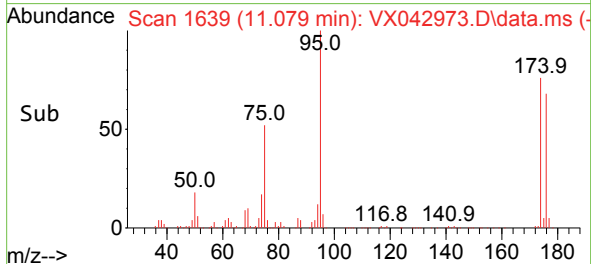
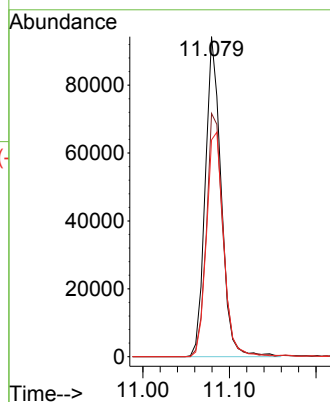
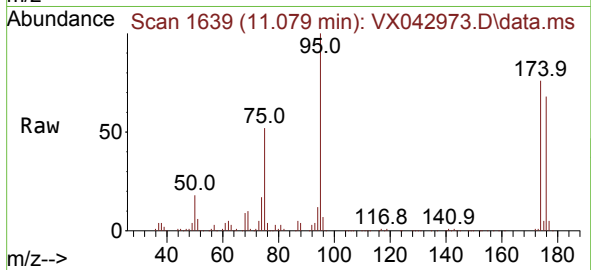




#62
4-Bromofluorobenzene
Concen: 50.100 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

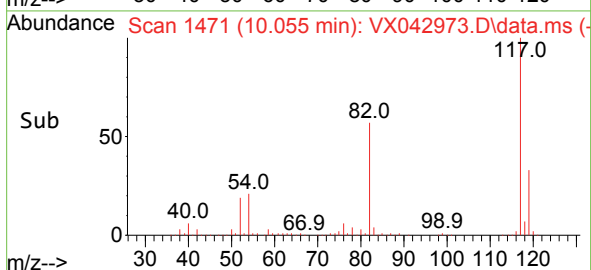
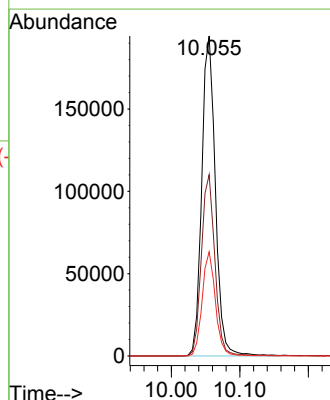
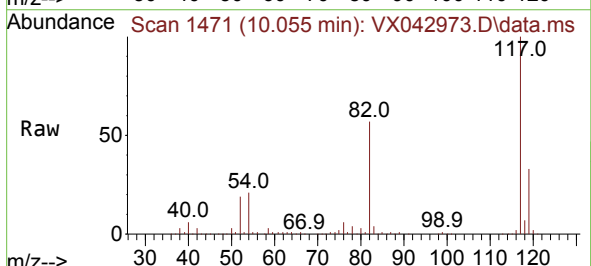
Instrument :
MSVOA_X
ClientSampleId :
BP-TB-20240806

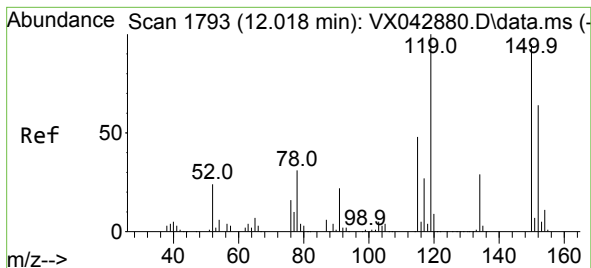
Tgt Ion: 95 Resp: 119941
Ion Ratio Lower Upper
95 100
174 79.4 0.0 135.6
176 75.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042973.D
Acq: 09 Aug 2024 05:39

Tgt Ion: 117 Resp: 269627
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX042973.D

Acq: 09 Aug 2024 05:39

Instrument :

MSVOA_X

ClientSampleId :

BP-TB-20240806

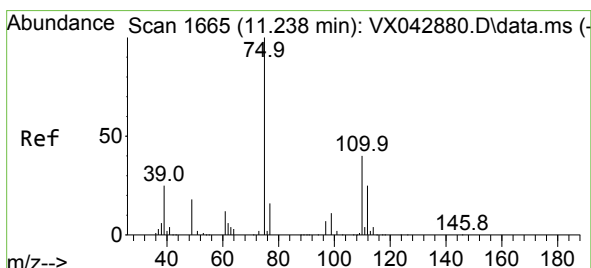
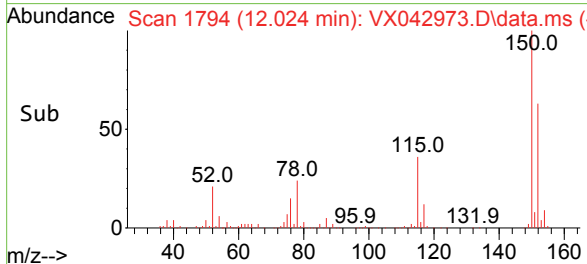
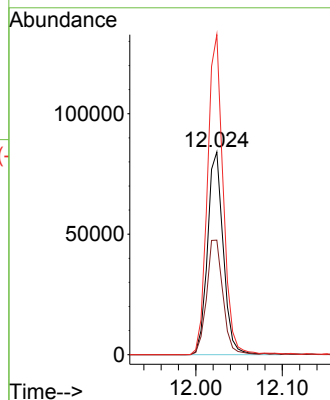
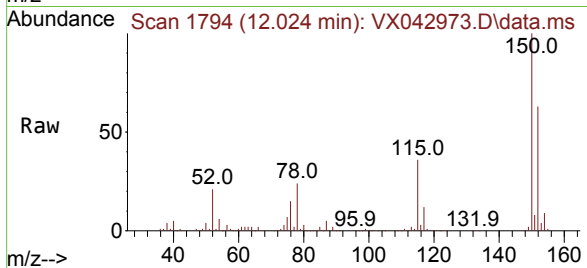
Tgt Ion:152 Resp: 106670

Ion Ratio Lower Upper

152 100

115 58.3 43.3 129.9

150 157.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.061 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042973.D

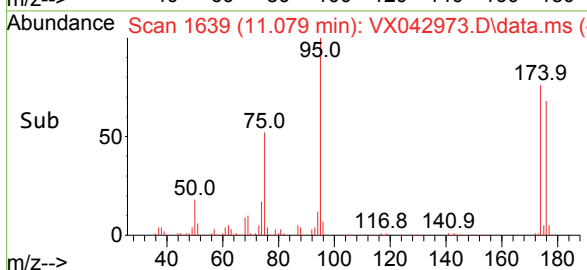
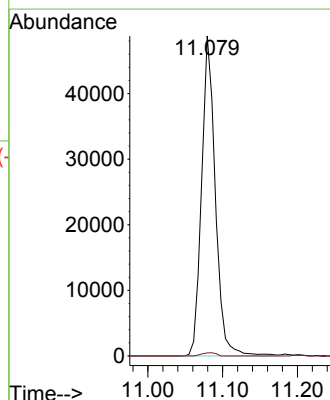
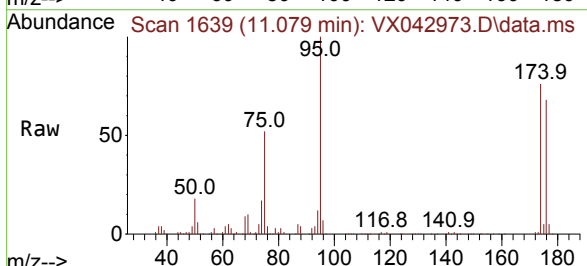
Acq: 09 Aug 2024 05:39

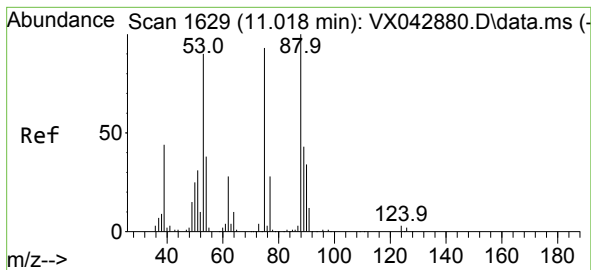
Tgt Ion: 75 Resp: 62520

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.738 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX042973.D
 Acq: 09 Aug 2024 05:39

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB-20240806

Tgt Ion: 75 Resp: 62520
 Ion Ratio Lower Upper
 75 100
 53 0.1 90.5 135.7#
 89 0.0 36.9 55.3#

