

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040424\
 Data File : VX040880.D
 Acq On : 04 Apr 2024 12:09
 Operator : JC/MD
 Sample : PB159973TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

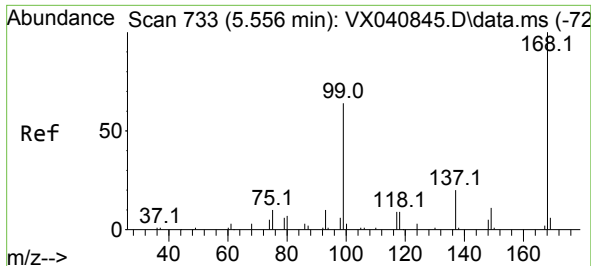
Instrument :
 MSVOA_X
 ClientSampleId :
 PB159973TB

Quant Time: Apr 05 04:08:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

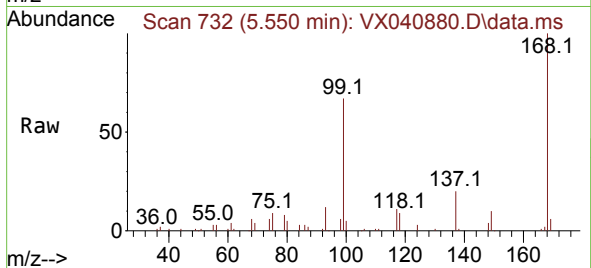
Internal Standards						
1) Pentafluorobenzene	5.550	168	43716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	78884	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	82293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	42661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38350	48.892	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 97.780%			
35) Dibromofluoromethane	5.385	113	27936	49.999	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.000%			
50) Toluene-d8	8.647	98	102128	50.584	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.160%			
62) 4-Bromofluorobenzene	11.079	95	42826	53.116	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.240%			
Target Compounds						Qvalue
6) Chloroethane	1.587	64	135	0.396	ug/l #	43
11) Tert butyl alcohol	2.940	59	129	0.901	ug/l #	78
14) Allyl chloride	2.782	41	506	0.578	ug/l #	24
16) Acetone	2.379	43	8024	26.345	ug/l	93
17) Carbon Disulfide	2.514	76	322	0.228	ug/l #	76
18) Methyl Acetate	2.703	43	377	0.522	ug/l #	53
20) Methylene Chloride	2.788	84	15141	26.825	ug/l	99
25) 2-Butanone	4.574	43	1182	2.613	ug/l #	82
29) Tetrahydrofuran	5.025	42	164	0.558	ug/l #	34
31) Cyclohexane	5.544	56	1241	1.491	ug/l #	7
36) 1,1-Dichloropropene	5.537	75	4207	5.299	ug/l #	51
37) Ethyl Acetate	4.721	43	906	0.929	ug/l #	72
38) Carbon Tetrachloride	5.544	117	4834	5.500	ug/l #	14
43) Isopropyl Acetate	6.330	43	36038	23.937	ug/l	96
48) Methyl methacrylate	7.793	41	34543	46.855	ug/l #	50
51) 4-Methyl-2-Pentanone	8.543	43	28546	28.585	ug/l #	48
53) t-1,3-Dichloropropene	8.945	75	195	0.962	ug/l #	43
54) cis-1,3-Dichloropropene	8.543	75	10646	11.969	ug/l #	67
56) Ethyl methacrylate	9.244	69	235	0.252	ug/l #	1
57) 1,3-Dichloropropane	9.476	76	1275	1.344	ug/l #	42
59) 2-Hexanone	9.372	43	32921	41.105	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	25165	27.663	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	25165	74.635	ug/l #	5

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

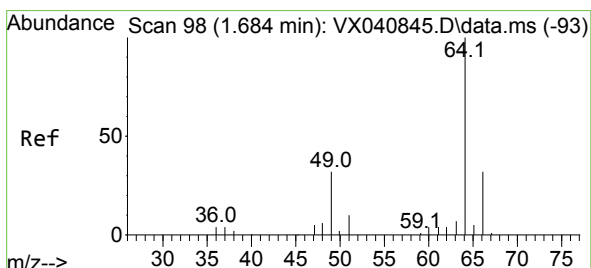
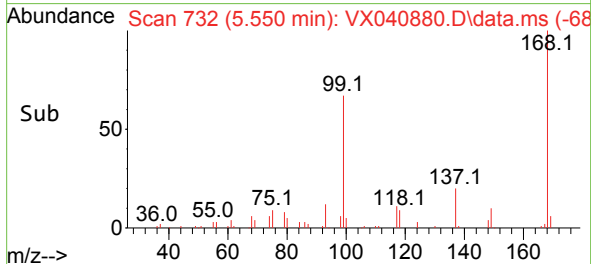
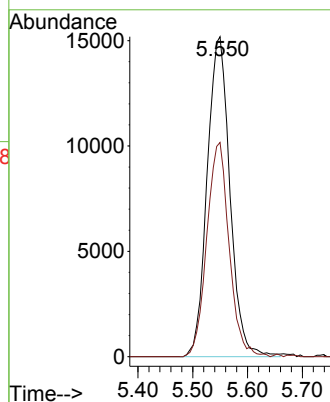


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :
PB159973TB

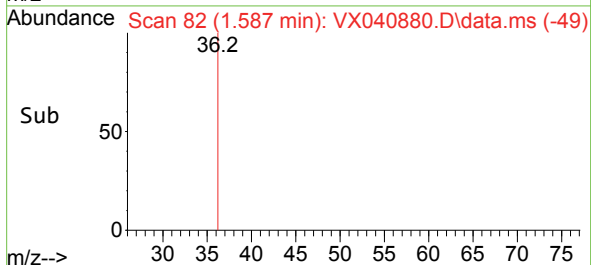
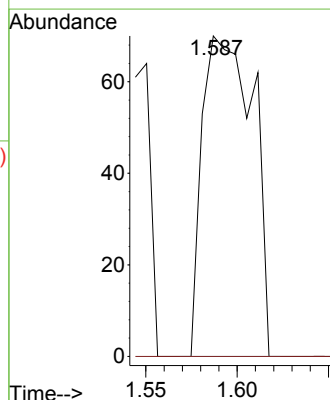
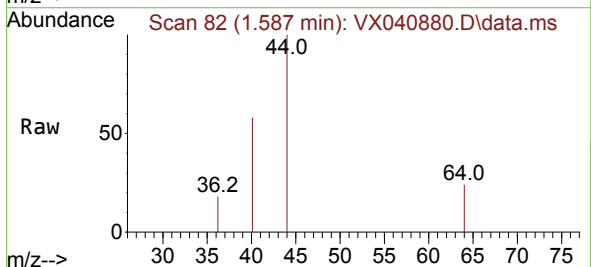


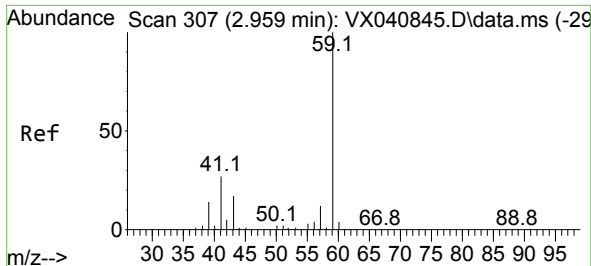
Tgt Ion:168 Resp: 43716
Ion Ratio Lower Upper
168 100
99 66.9 56.6 85.0



#6
Chloroethane
Concen: 0.396 ug/l
RT: 1.587 min Scan# 82
Delta R.T. -0.098 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Tgt Ion: 64 Resp: 135
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.901 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.018 min

Lab File: VX040880.D

Acq: 04 Apr 2024 12:09

Instrument :

MSVOA_X

ClientSampleId :

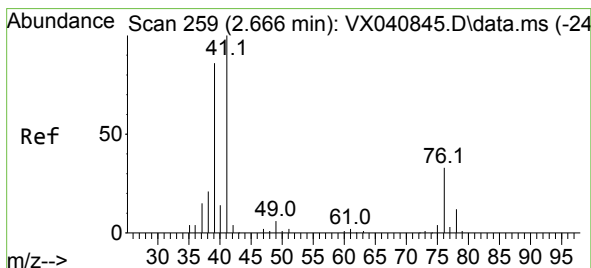
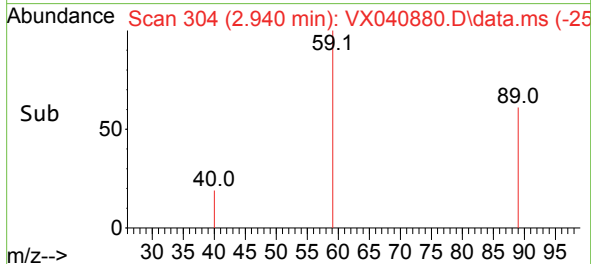
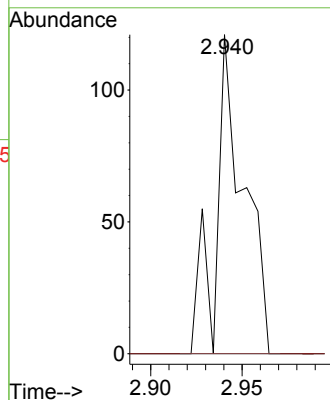
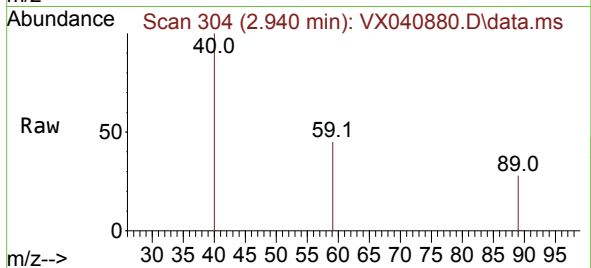
PB159973TB

Tgt Ion: 59 Resp: 129

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#14

Allyl chloride

Concen: 0.578 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.116 min

Lab File: VX040880.D

Acq: 04 Apr 2024 12:09

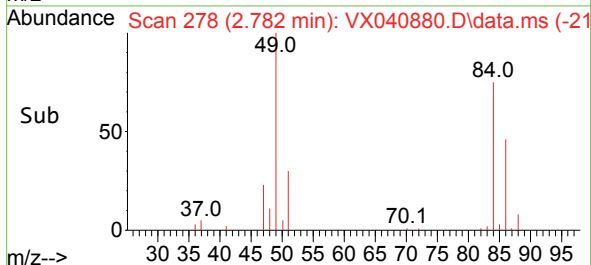
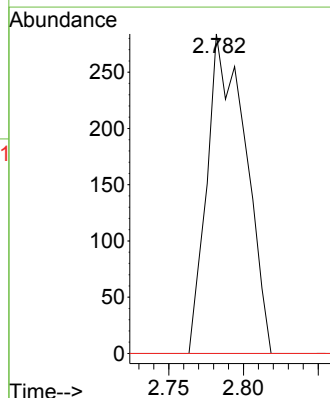
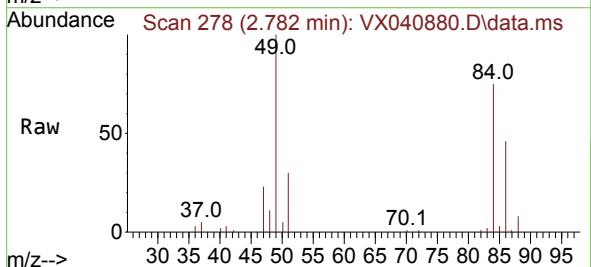
Tgt Ion: 41 Resp: 506

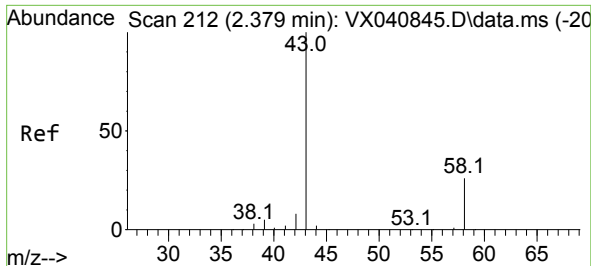
Ion Ratio Lower Upper

41 100

39 0.0 55.8 83.6#

76 0.0 24.3 36.5#

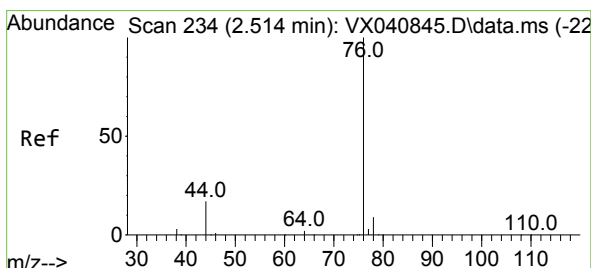
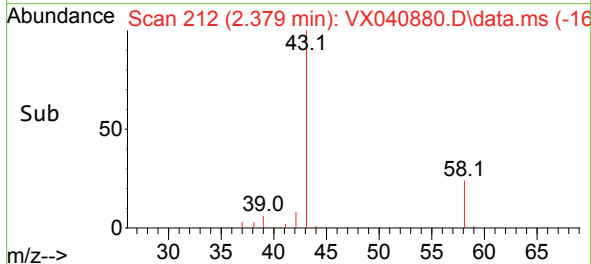
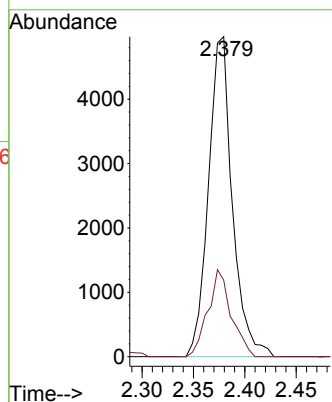
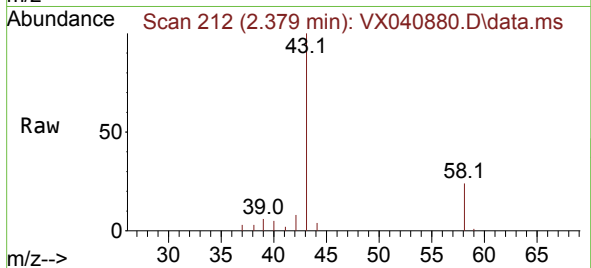




#16
Acetone
Concen: 26.345 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

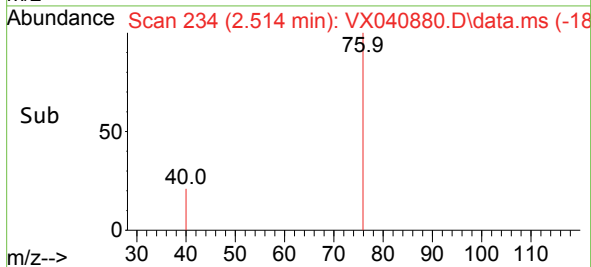
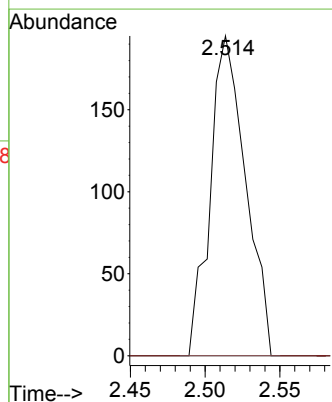
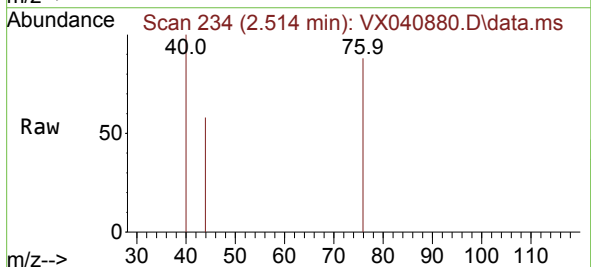
Instrument :
MSVOA_X
ClientSampleId :
PB159973TB

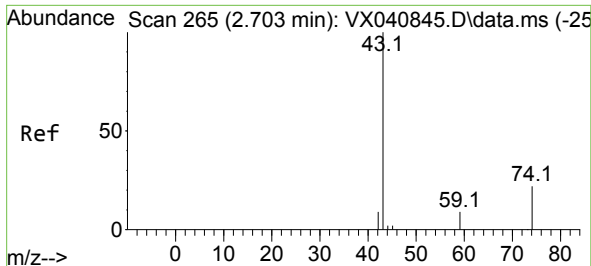
Tgt Ion: 43 Resp: 8024
Ion Ratio Lower Upper
43 100
58 23.9 21.9 32.9



#17
Carbon Disulfide
Concen: 0.228 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Tgt Ion: 76 Resp: 322
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

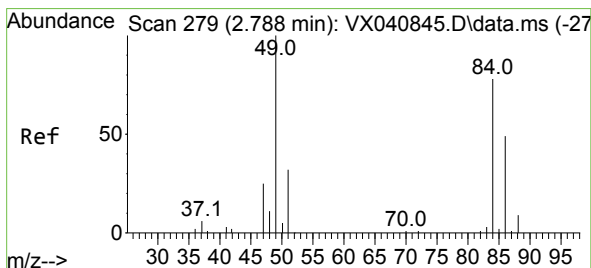
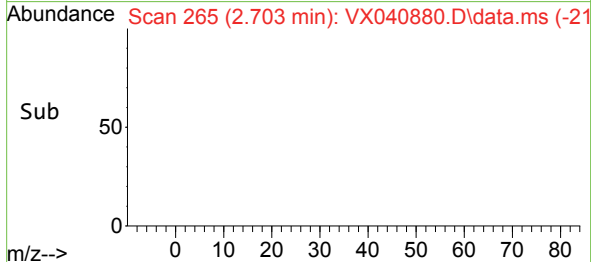
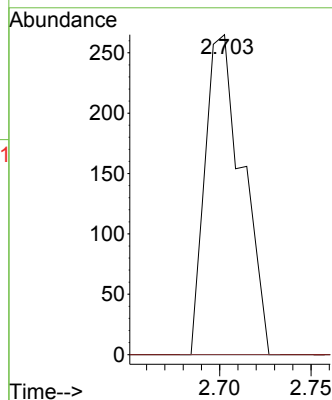
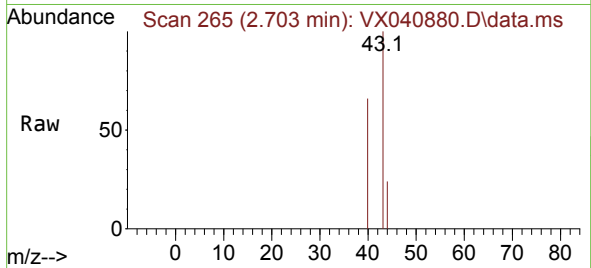




#18
Methyl Acetate
Concen: 0.522 ug/l
RT: 2.703 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

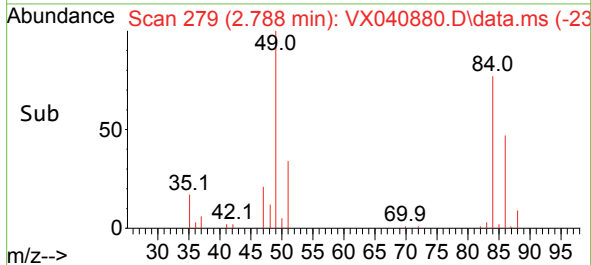
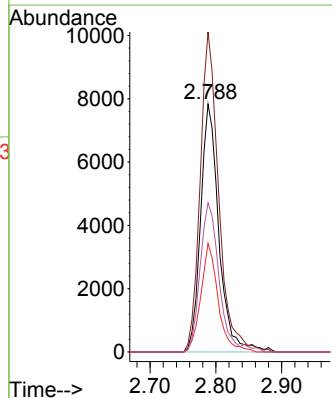
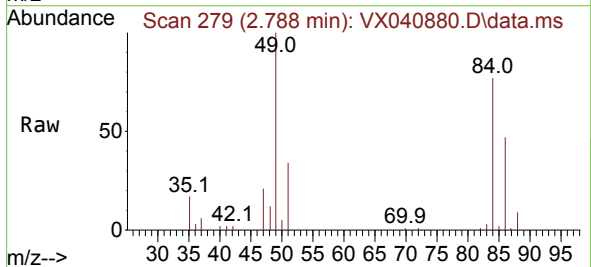
Instrument :
MSVOA_X
ClientSampleId :
PB159973TB

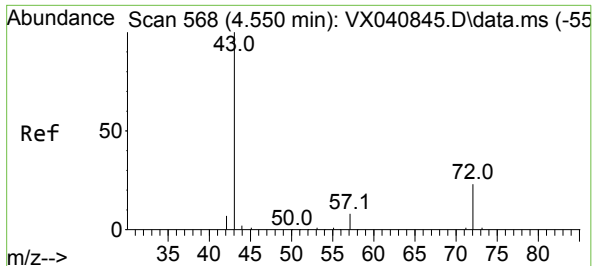
Tgt Ion: 43 Resp: 377
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 26.825 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Tgt Ion: 84 Resp: 15141
Ion Ratio Lower Upper
84 100
49 129.2 103.6 155.4
51 43.8 33.8 50.6
86 60.2 49.4 74.0

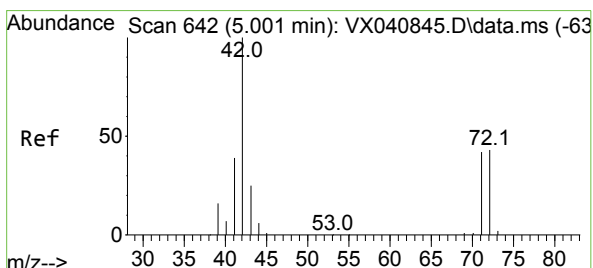
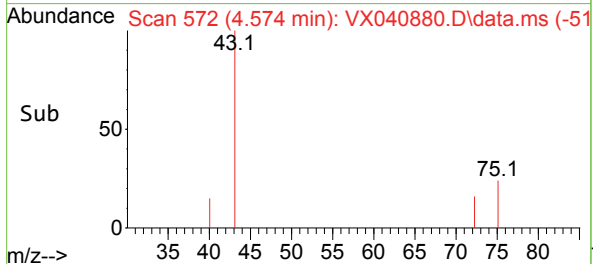
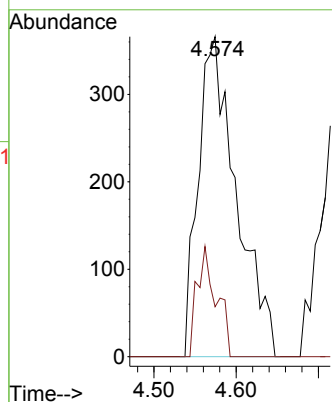
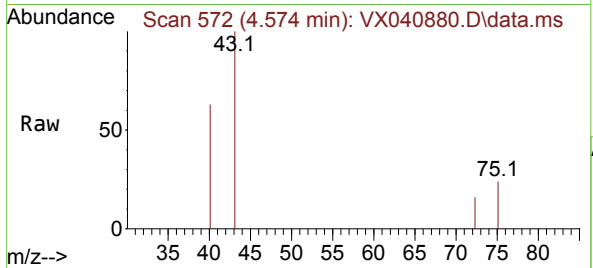




#25
2-Butanone
Concen: 2.613 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

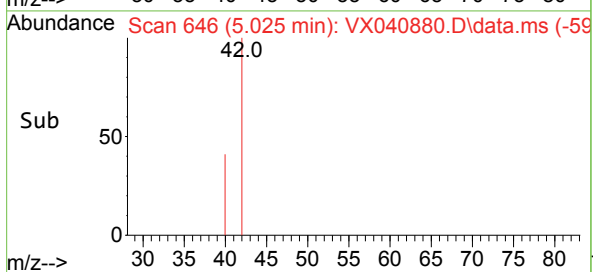
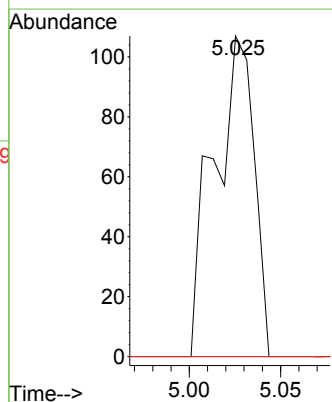
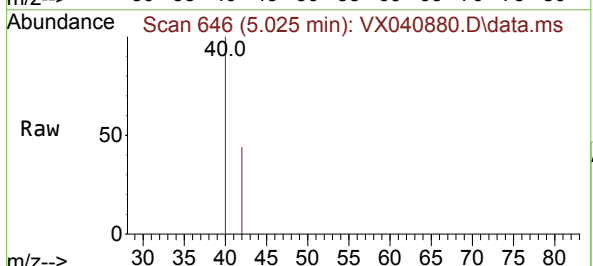
Instrument :
MSVOA_X
ClientSampleId :
PB159973TB

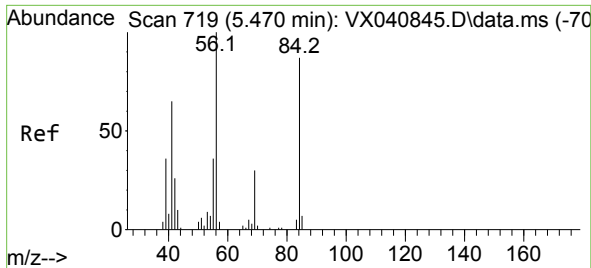
Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
72 15.6 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.558 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.024 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Tgt Ion: 42 Resp: 164
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 0.0 32.2 48.2#

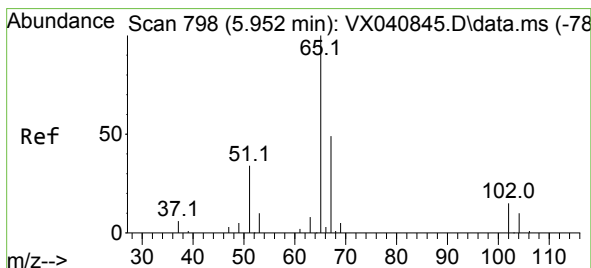
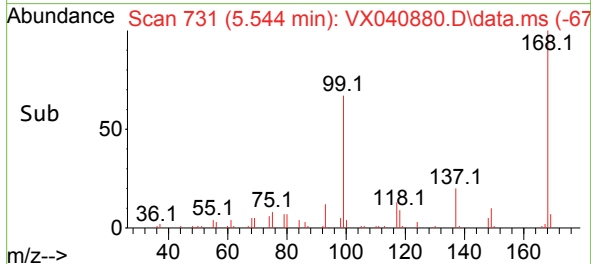
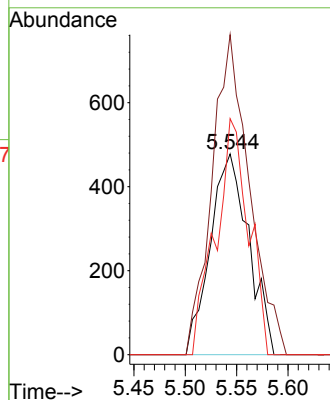
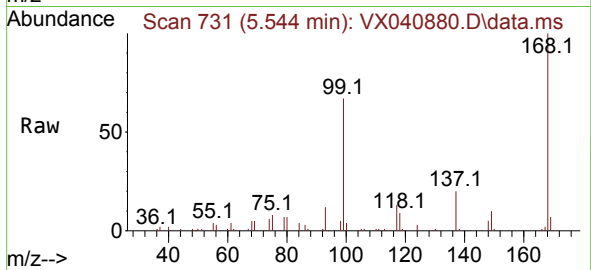




#31
Cyclohexane
Concen: 1.491 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

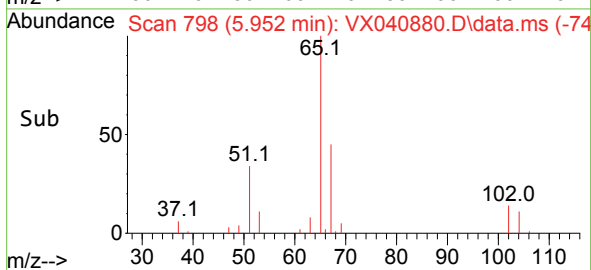
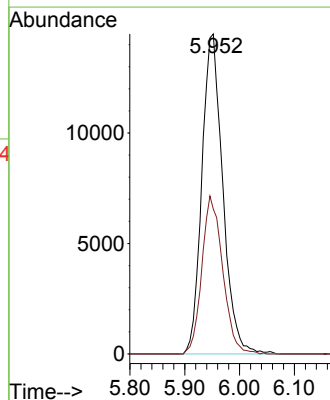
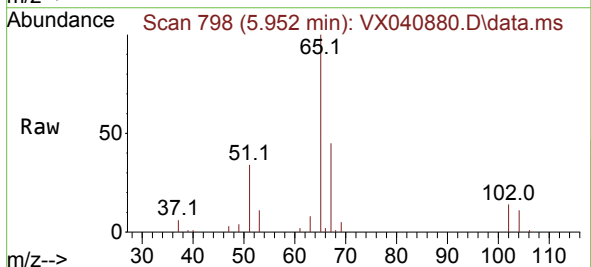
Instrument :
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ClientSampleId :
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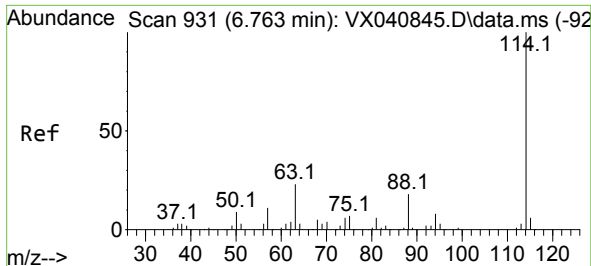
Tgt Ion: 56 Resp: 1241
Ion Ratio Lower Upper
56 100
69 159.4 23.4 35.2#
84 117.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.892 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Tgt Ion: 65 Resp: 38350
Ion Ratio Lower Upper
65 100
67 49.1 0.0 100.2

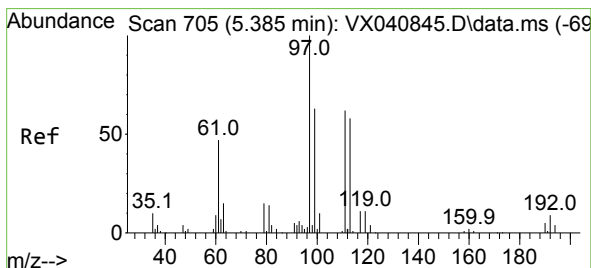
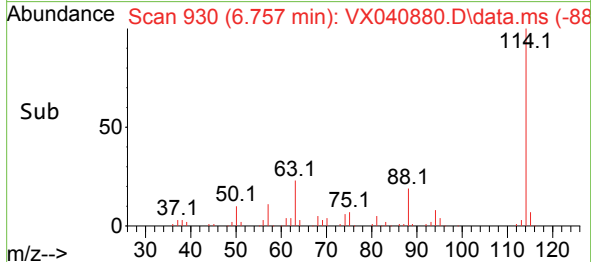
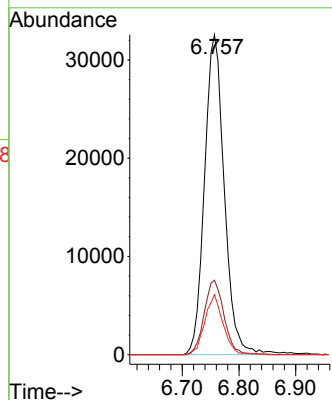
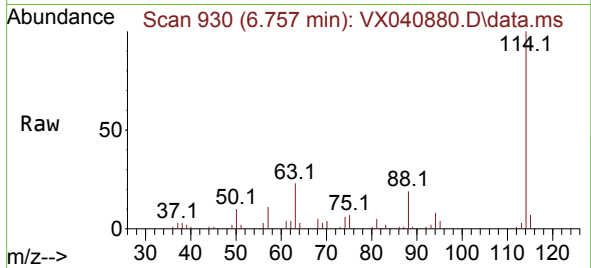




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

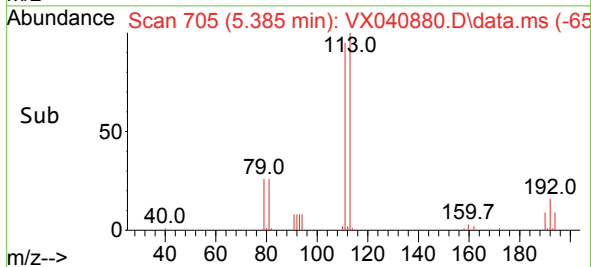
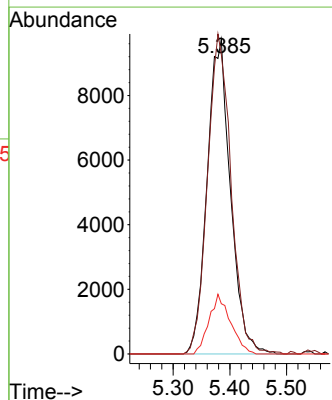
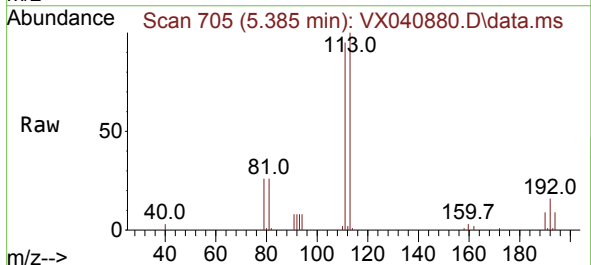
Instrument :
MSVOA_X
ClientSampleId :
PB159973TB

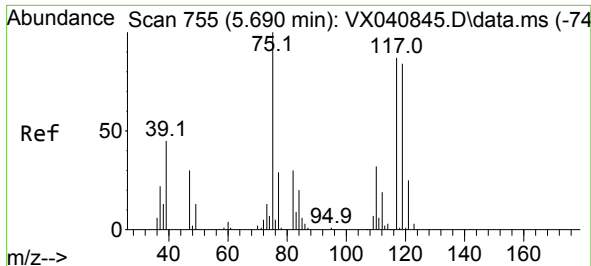
Tgt Ion:114 Resp: 78884
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 18.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.999 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

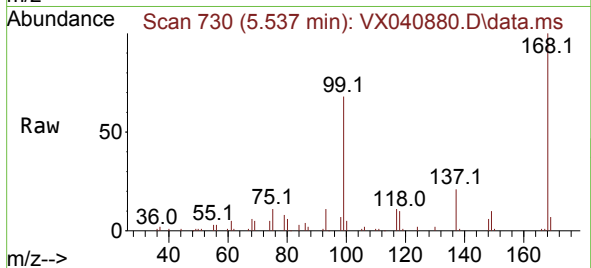
Tgt Ion:113 Resp: 27936
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 17.5 13.3 19.9



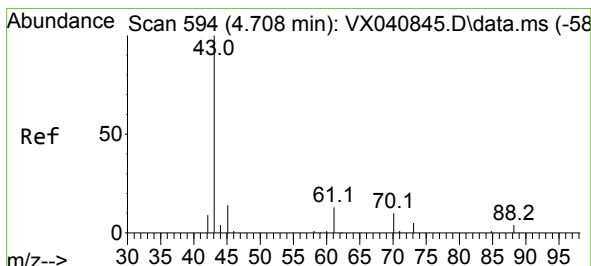
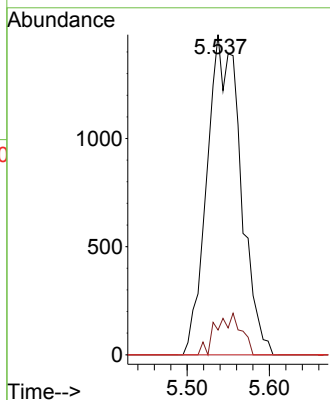
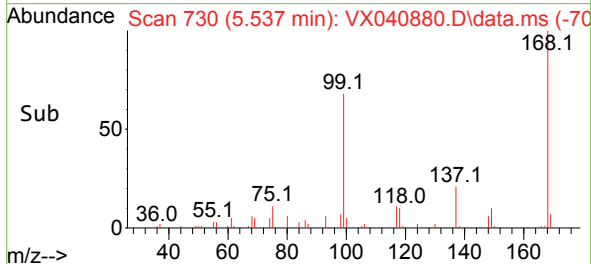


#36
1,1-Dichloropropene
Concen: 5.299 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :
PB159973TB

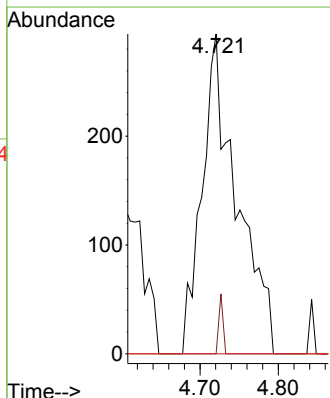
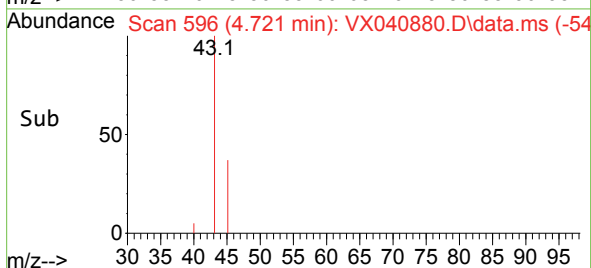
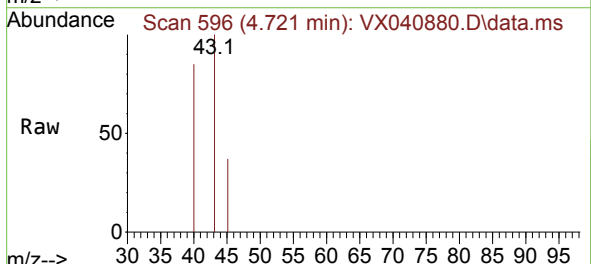


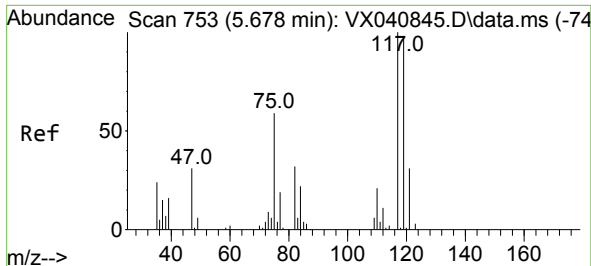
Tgt Ion: 75 Resp: 4207
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.929 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

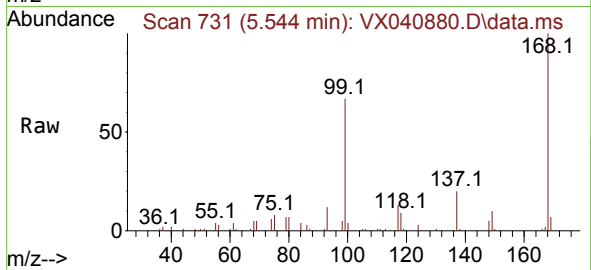
Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
61 2.2 10.6 16.0#
70 0.0 8.3 12.5#



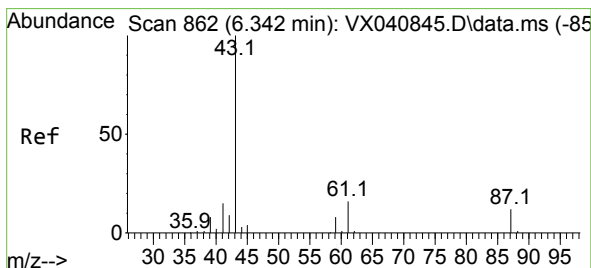
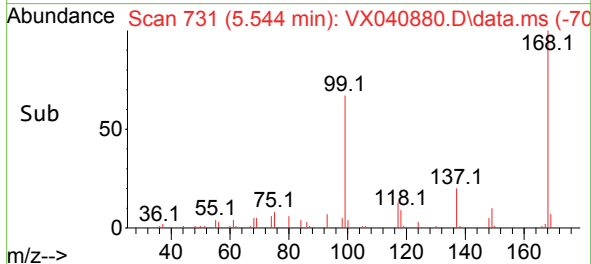
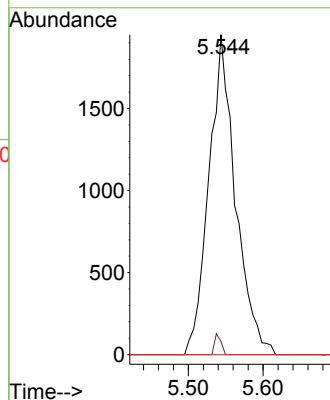


#38
Carbon Tetrachloride
Concen: 5.500 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :
PB159973TB

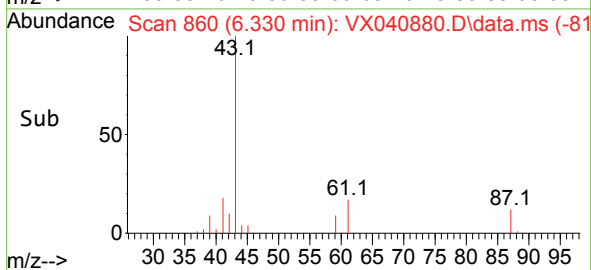
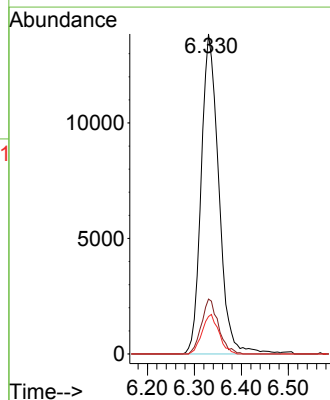
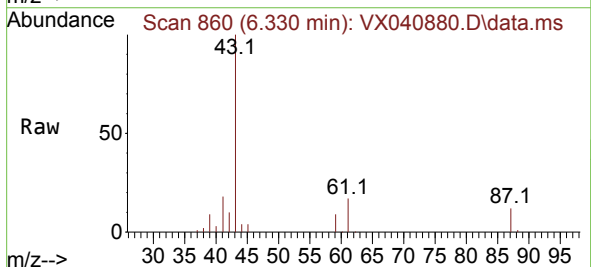


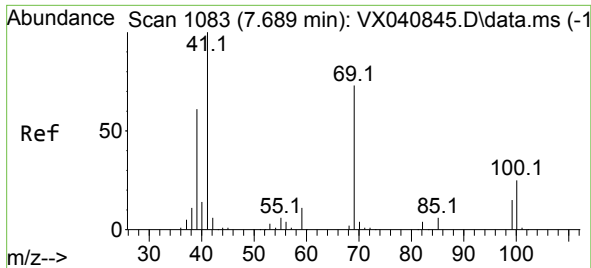
Tgt Ion:117 Resp: 4834
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 23.937 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Tgt Ion: 43 Resp: 36038
Ion Ratio Lower Upper
43 100
61 16.5 15.2 22.8
87 11.8 9.8 14.6

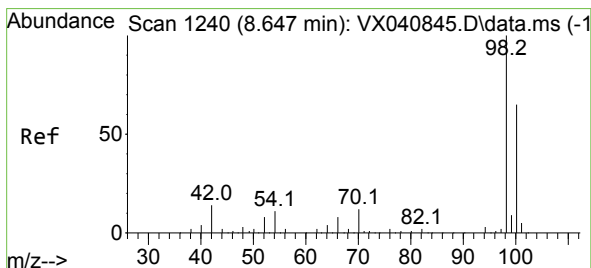
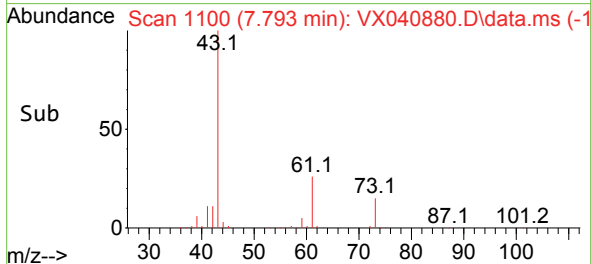
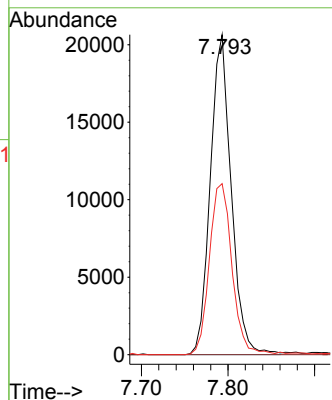
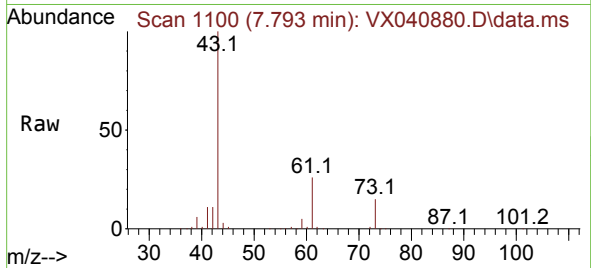




#48
Methyl methacrylate
Concen: 46.855 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

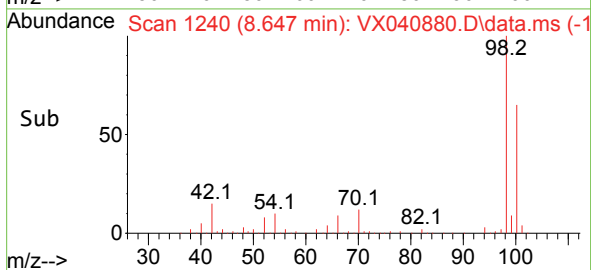
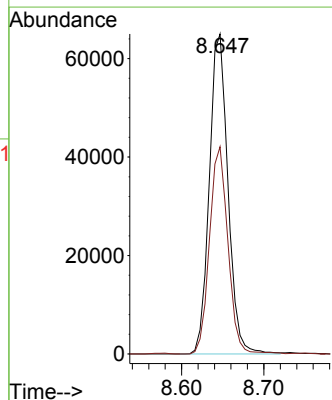
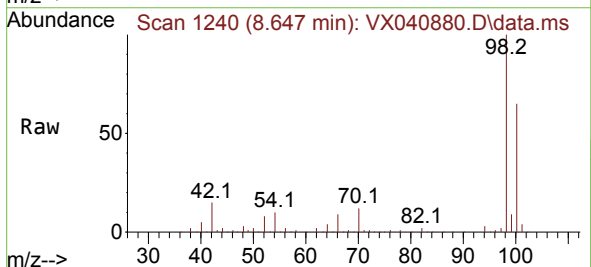
Instrument :
MSVOA_X
ClientSampleId :
PB159973TB

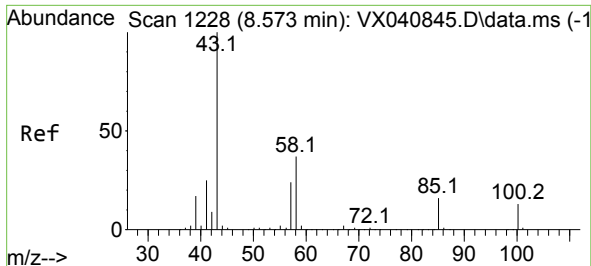
Tgt Ion: 41 Resp: 34543
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 57.8 47.7 71.5



#50
Toluene-d8
Concen: 50.584 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Tgt Ion: 98 Resp: 102128
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

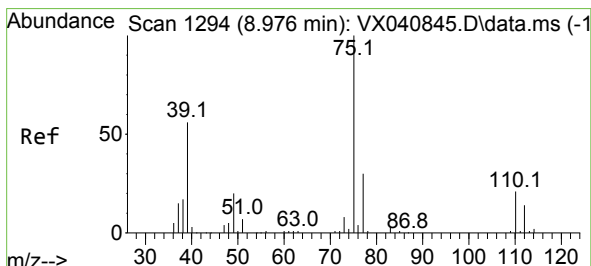
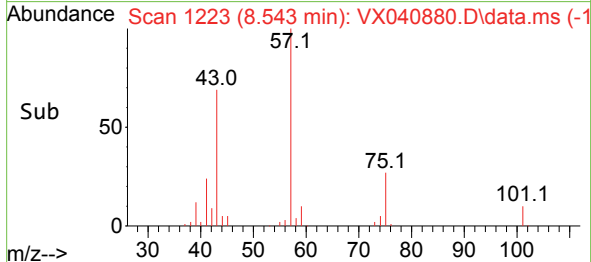
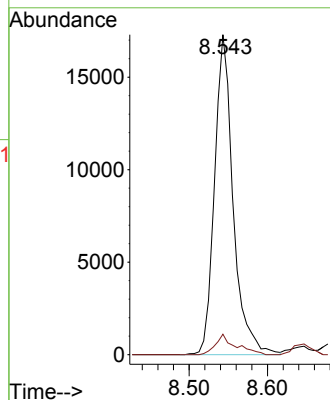
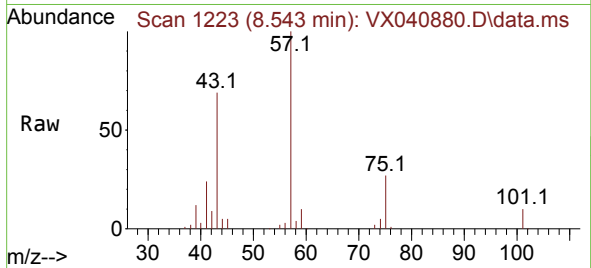




#51
4-Methyl-2-Pentanone
Concen: 28.585 ug/l
RT: 8.543 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

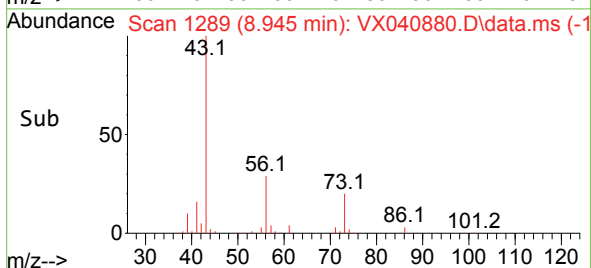
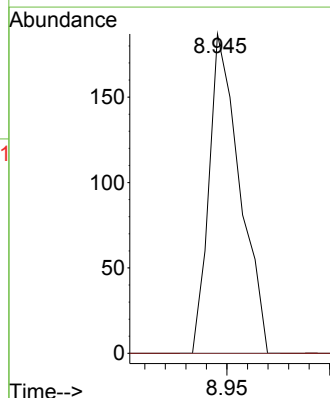
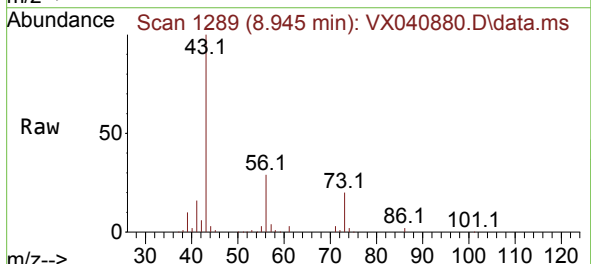
Instrument :
MSVOA_X
ClientSampleId :
PB159973TB

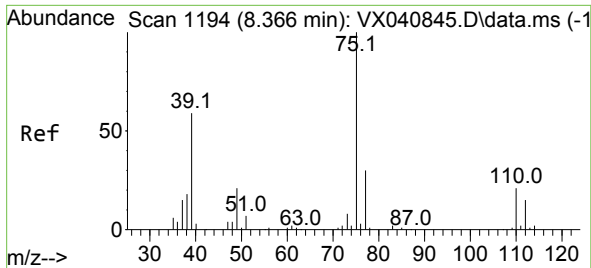
Tgt Ion: 43 Resp: 28546
Ion Ratio Lower Upper
43 100
58 6.8 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.962 ug/l
RT: 8.945 min Scan# 1289
Delta R.T. -0.031 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Tgt Ion: 75 Resp: 195
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

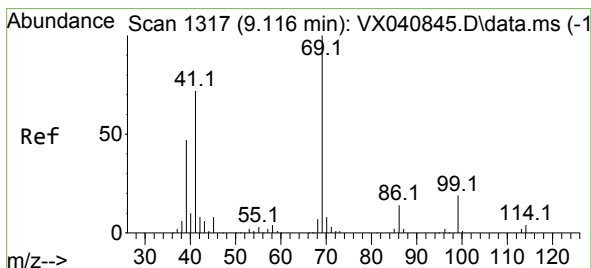
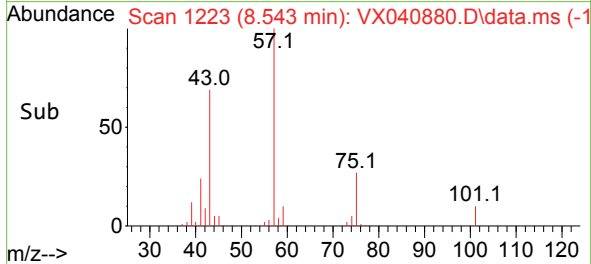
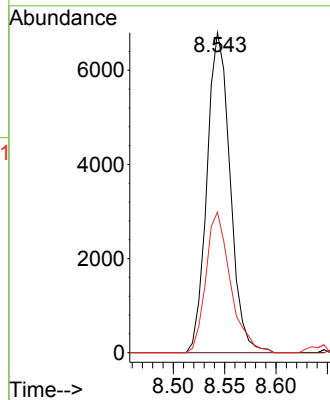
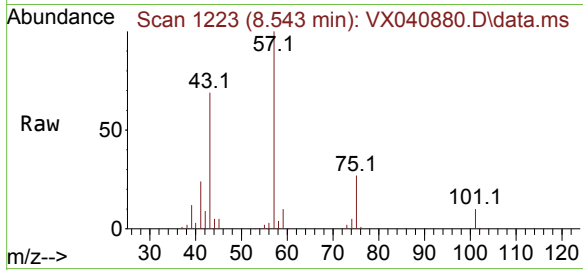




#54
cis-1,3-Dichloropropene
Concen: 11.969 ug/l
RT: 8.543 min Scan# 1194
Delta R.T. 0.177 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

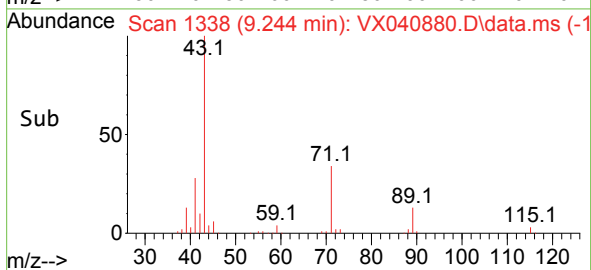
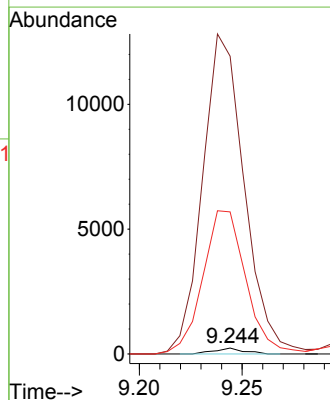
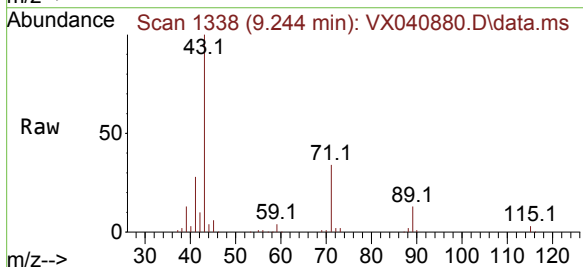
Instrument :
MSVOA_X
ClientSampleId :
PB159973TB

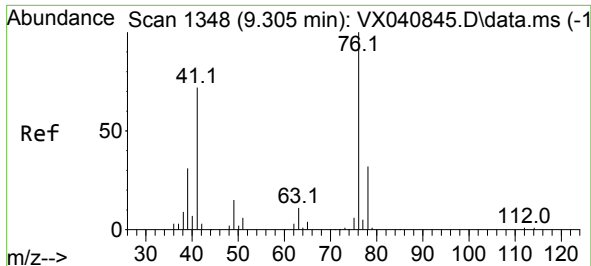
Tgt Ion: 75 Resp: 10646
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 44.0 46.7 70.1#



#56
Ethyl methacrylate
Concen: 0.252 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Tgt Ion: 69 Resp: 235
Ion Ratio Lower Upper
69 100
41 7711.1 56.8 85.2#
39 3564.3 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 1.344 ug/l

RT: 9.476 min Scan# 1376

Delta R.T. 0.171 min

Lab File: VX040880.D

Acq: 04 Apr 2024 12:09

Instrument :

MSVOA_X

ClientSampleId :

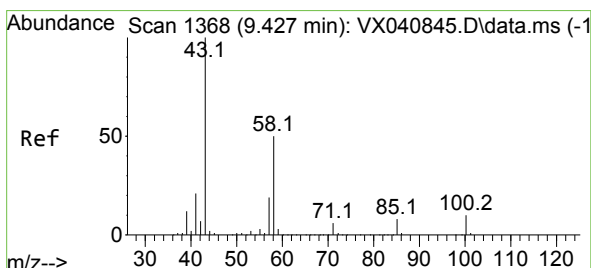
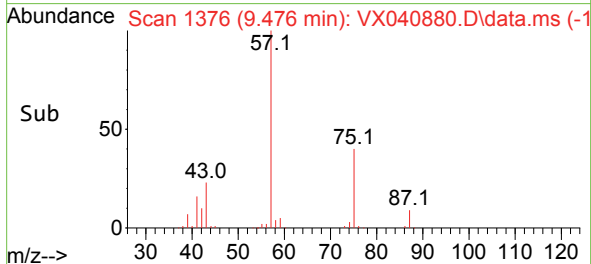
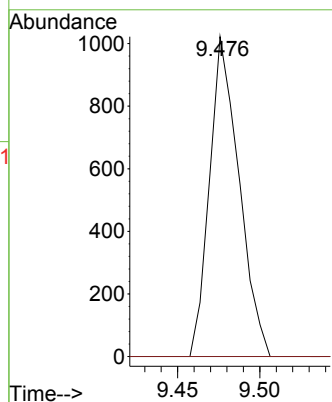
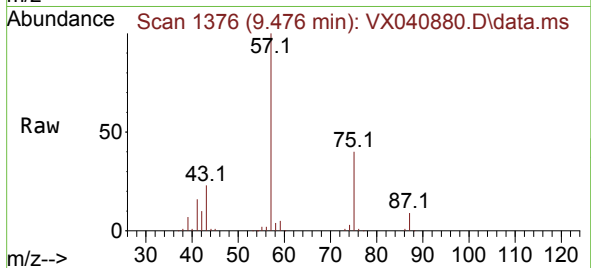
PB159973TB

Tgt Ion: 76 Resp: 1275

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 41.105 ug/l

RT: 9.372 min Scan# 1359

Delta R.T. -0.055 min

Lab File: VX040880.D

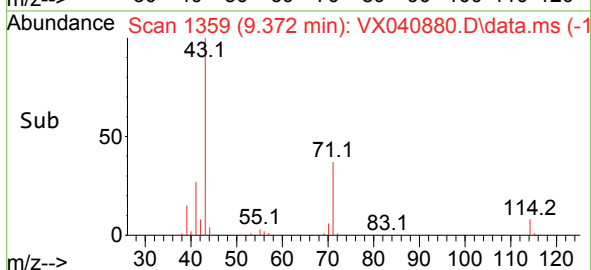
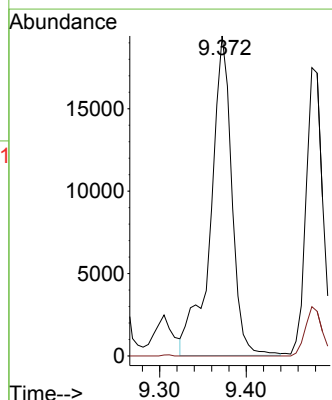
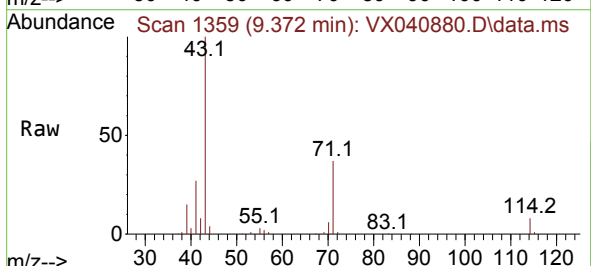
Acq: 04 Apr 2024 12:09

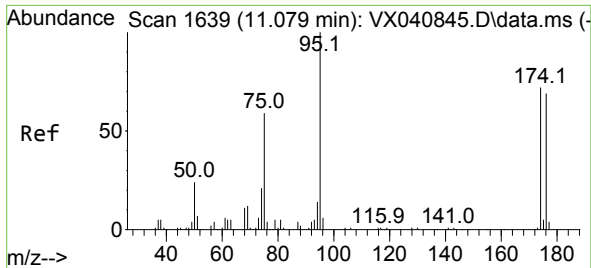
Tgt Ion: 43 Resp: 32921

Ion Ratio Lower Upper

43 100

58 0.0 26.2 78.5#

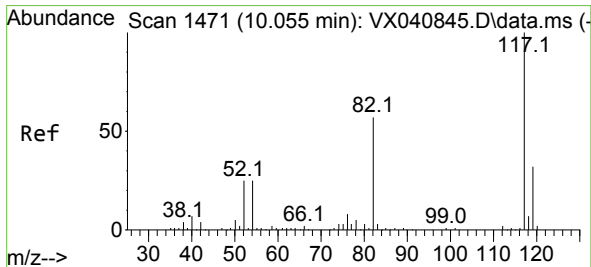
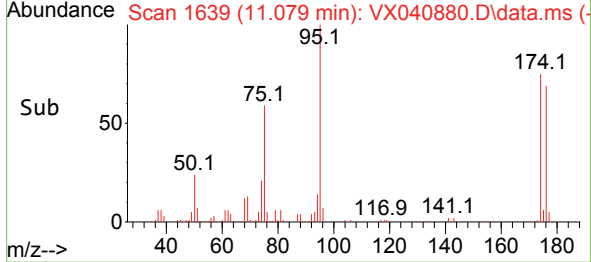
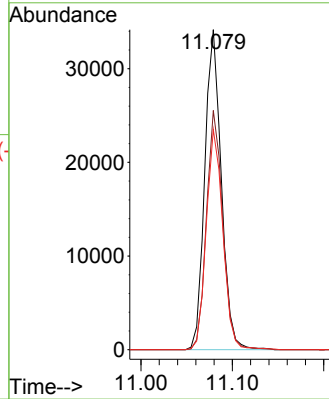
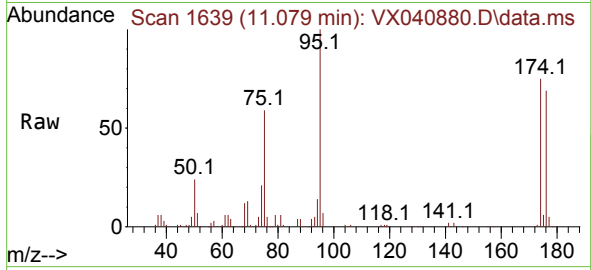




#62
4-Bromofluorobenzene
Concen: 53.116 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

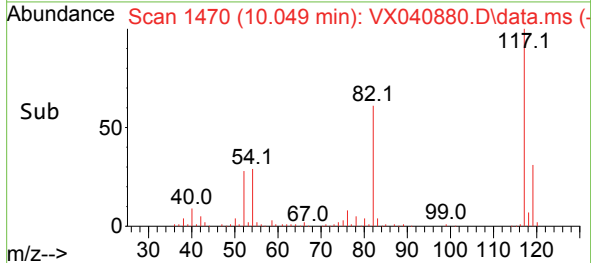
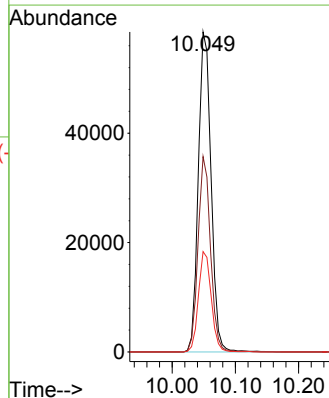
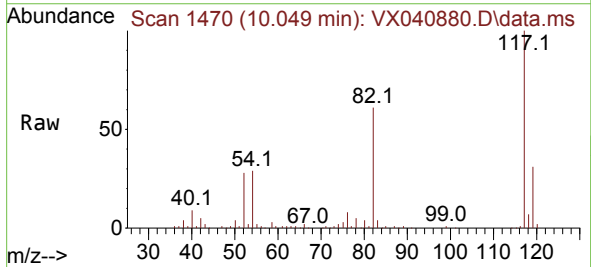
Instrument :
MSVOA_X
ClientSampleId :
PB159973TB

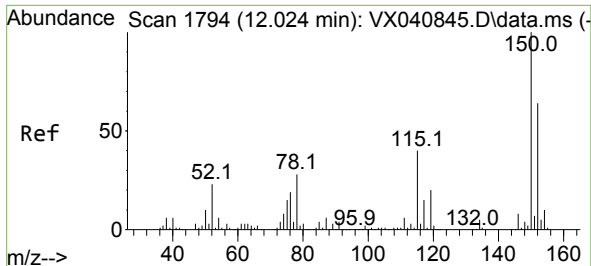
Tgt Ion: 95 Resp: 42826
Ion Ratio Lower Upper
95 100
174 73.8 0.0 135.6
176 69.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

Tgt Ion: 117 Resp: 82293
Ion Ratio Lower Upper
117 100
82 61.0 46.2 69.4
119 31.3 25.5 38.3

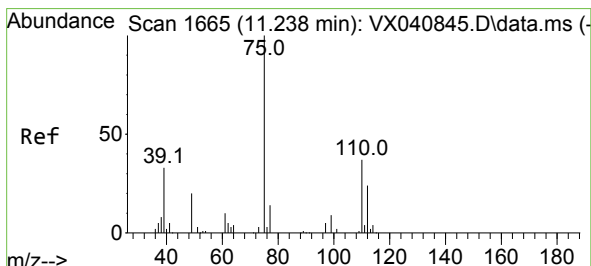
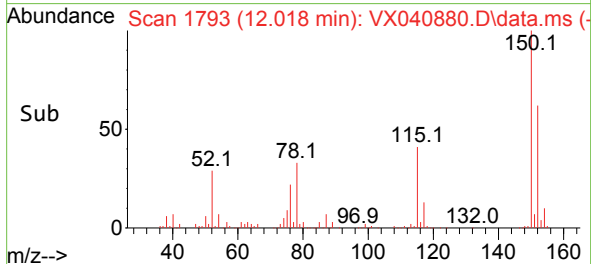
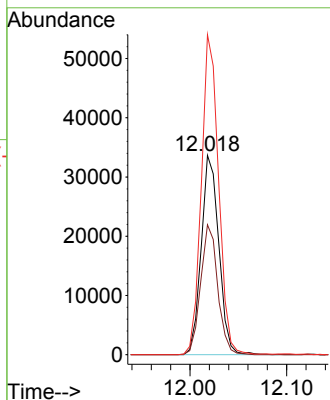
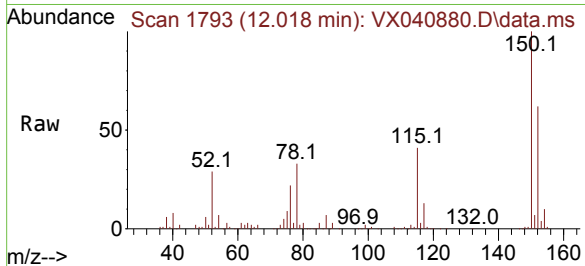




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

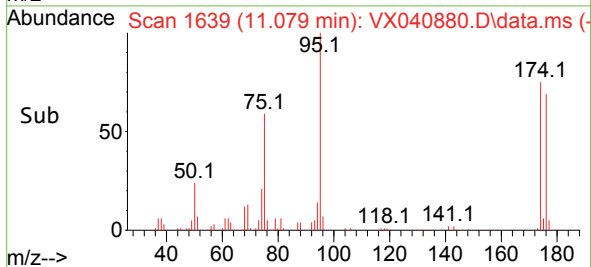
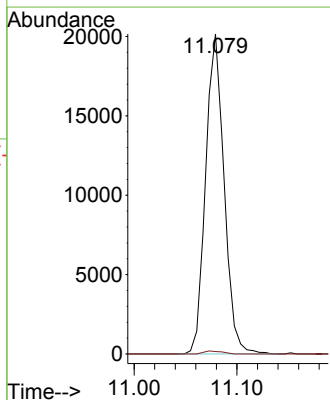
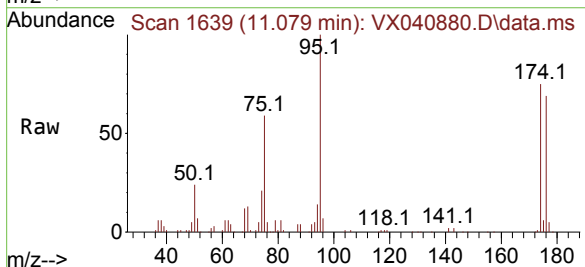
Instrument :
MSVOA_X
ClientSampleId :
PB159973TB

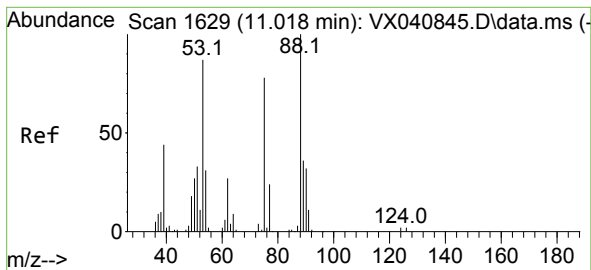
Tgt Ion:152 Resp: 42661
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 157.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 27.663 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040880.D
Acq: 04 Apr 2024 12:09

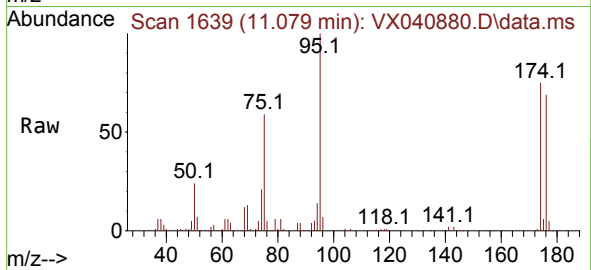
Tgt Ion: 75 Resp: 25165
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.635 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040880.D
 Acq: 04 Apr 2024 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159973TB



Tgt Ion: 75 Resp: 25165
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

