

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021524\
 Data File : VX040254.D
 Acq On : 15 Feb 2024 15:59
 Operator : JC/MD
 Sample : PB159010ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB159010ZHE#01

Quant Time: Feb 16 00:50:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

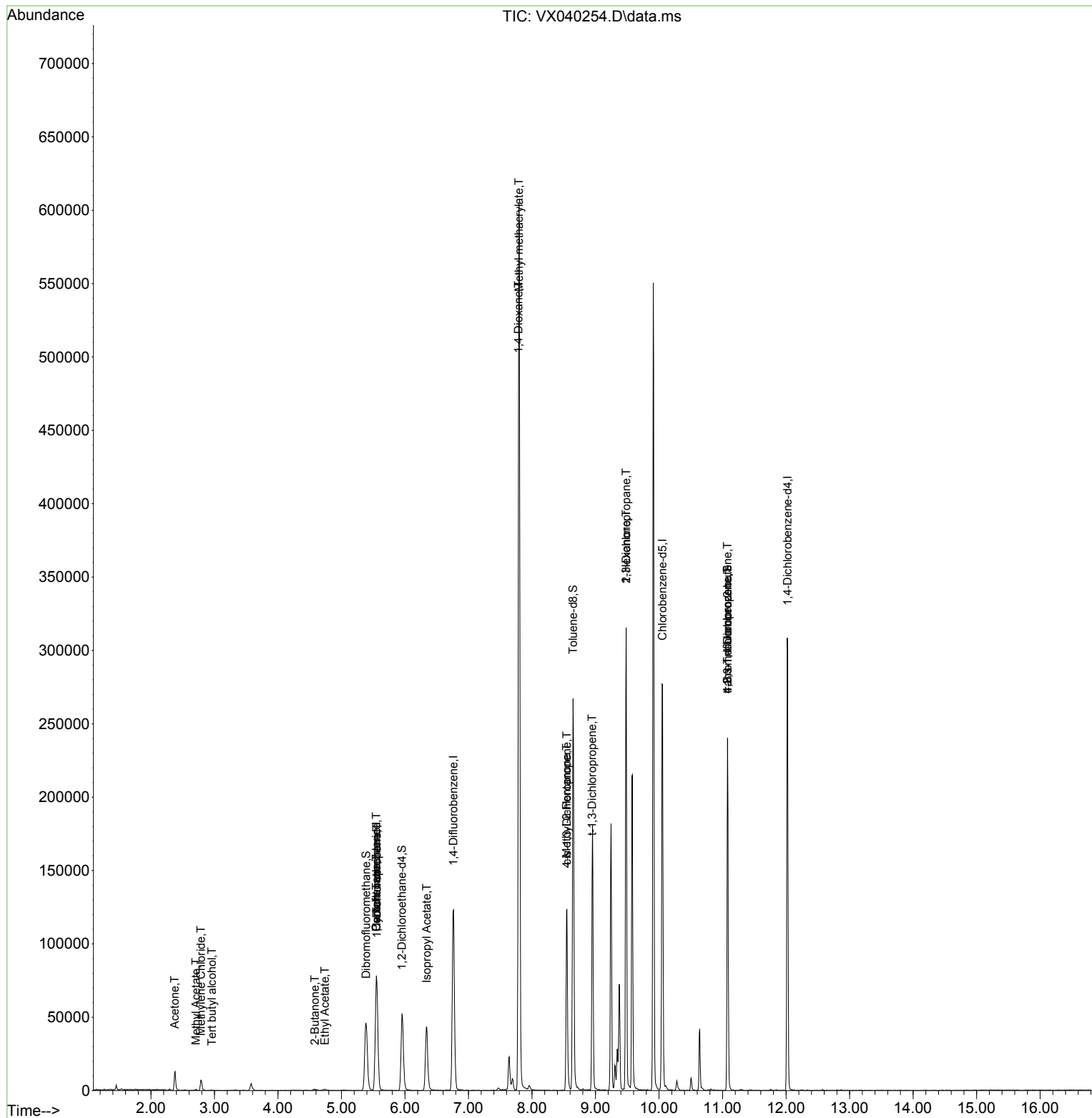
Internal Standards						
1) Pentafluorobenzene	5.550	168	72827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126963	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	49507	45.694	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.380%
35) Dibromofluoromethane	5.385	113	41447	46.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.500%
50) Toluene-d8	8.647	98	157362	47.446	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.900%
62) 4-Bromofluorobenzene	11.079	95	62404	46.134	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	259	1.227	ug/l #	78
16) Acetone	2.374	43	13320	29.934	ug/l	99
18) Methyl Acetate	2.709	43	744	0.624	ug/l #	76
20) Methylene Chloride	2.788	84	3534	2.729	ug/l #	83
25) 2-Butanone	4.580	43	1373	1.974	ug/l #	86
31) Cyclohexane	5.550	56	1793	1.387	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6069	4.886	ug/l #	49
37) Ethyl Acetate	4.739	43	1853	1.341	ug/l #	73
38) Carbon Tetrachloride	5.550	117	7450	6.309	ug/l #	16
43) Isopropyl Acetate	6.342	43	59602	27.627	ug/l	98
48) Methyl methacrylate	7.793	41	52707	47.746	ug/l #	49
49) 1,4-Dioxane	7.787	88	25	1.041	ug/l #	1
51) 4-Methyl-2-Pentanone	8.543	43	44853	30.451	ug/l #	51
53) t-1,3-Dichloropropene	8.946	75	436	2.230	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	19724	13.718	ug/l #	63
57) 1,3-Dichloropropane	9.482	76	2583	1.631	ug/l #	42
59) 2-Hexanone	9.482	43	37086	31.757	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	32853	25.271	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	32853	69.476	ug/l #	5

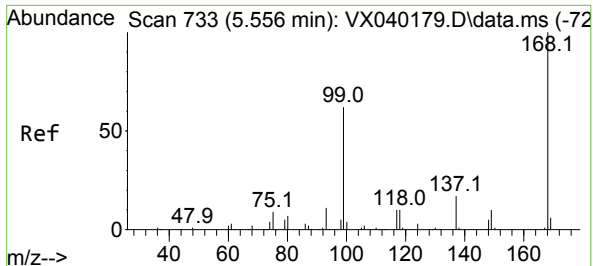
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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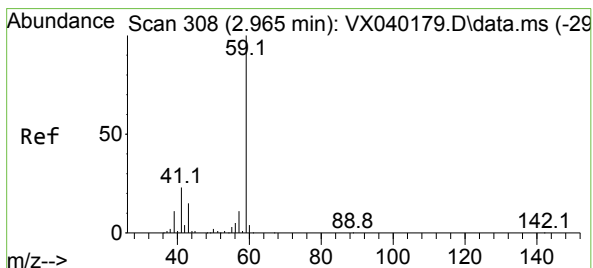
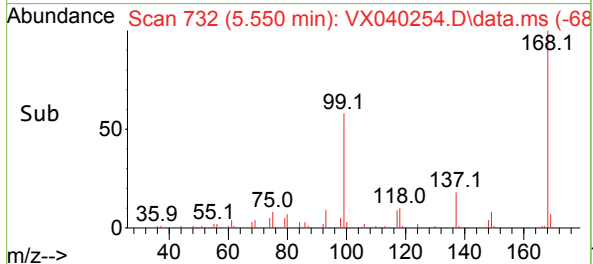
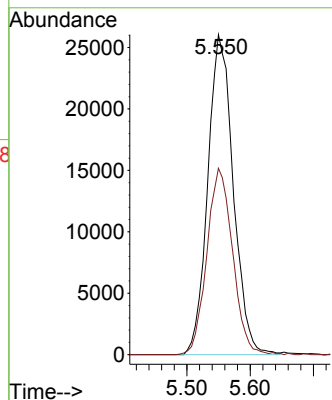
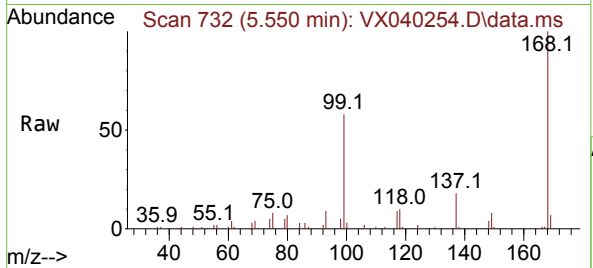




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

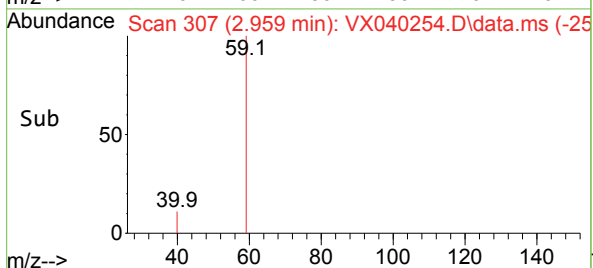
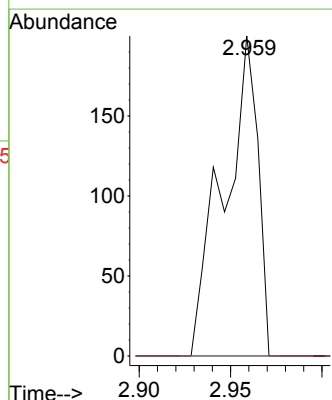
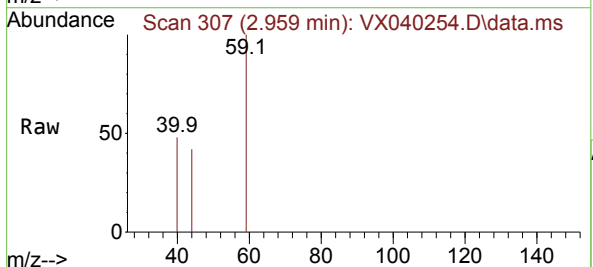
Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#01

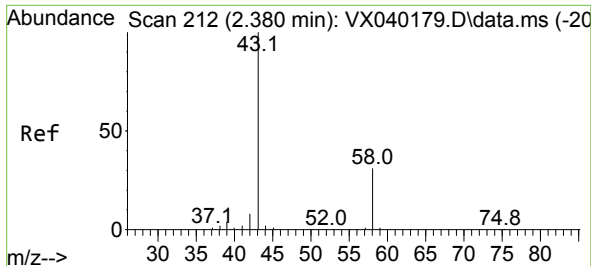
Tgt Ion:168 Resp: 72827
Ion Ratio Lower Upper
168 100
99 58.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.227 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

Tgt Ion: 59 Resp: 259
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

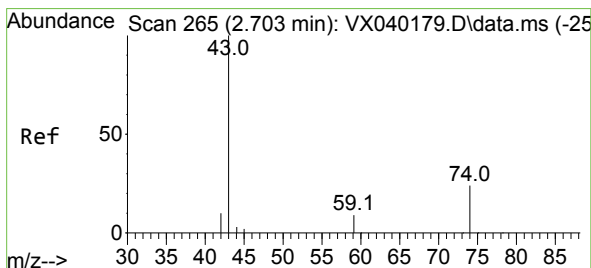
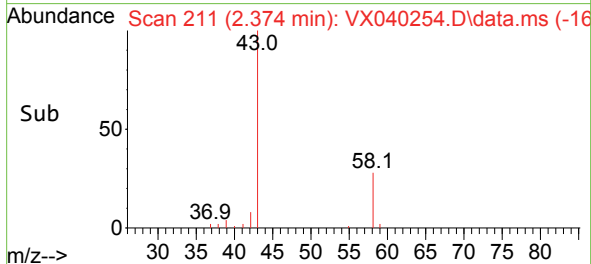
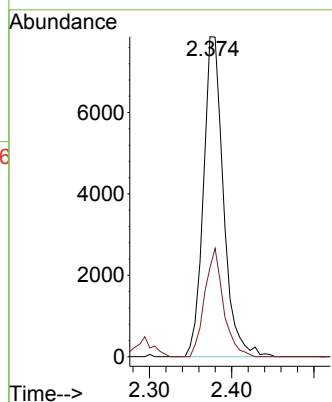
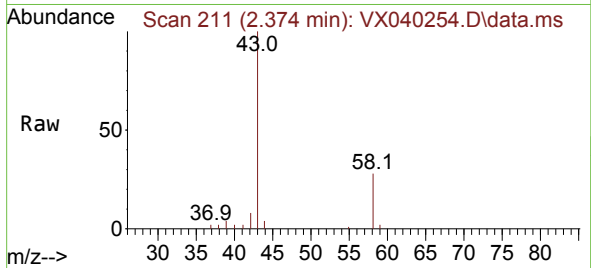




#16
Acetone
Concen: 29.934 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

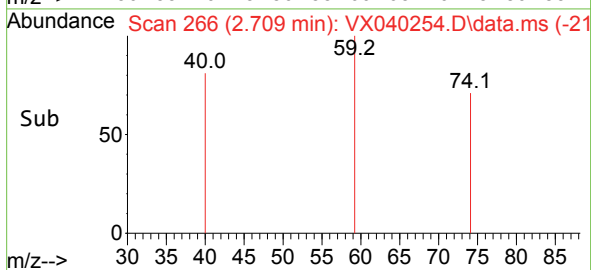
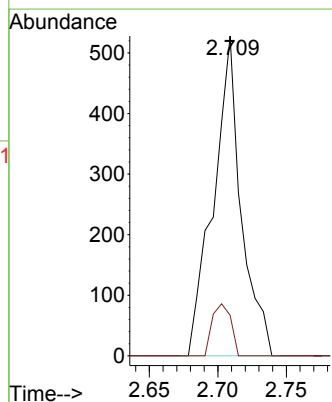
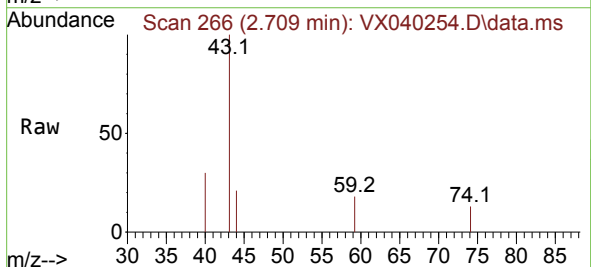
Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#01

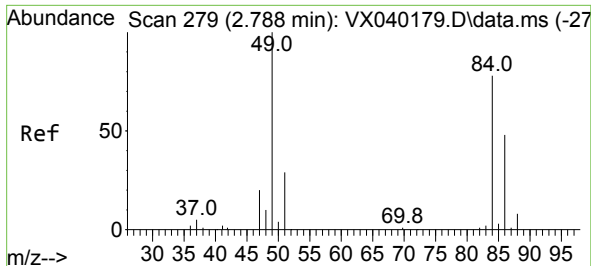
Tgt Ion: 43 Resp: 13320
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9



#18
Methyl Acetate
Concen: 0.624 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
74 10.9 17.8 26.8#





#20

Methylene Chloride

Concen: 2.729 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040254.D

Acq: 15 Feb 2024 15:59

Instrument :

MSVOA_X

ClientSampleId :

PB159010ZHE#01

Tgt Ion: 84 Resp: 3534

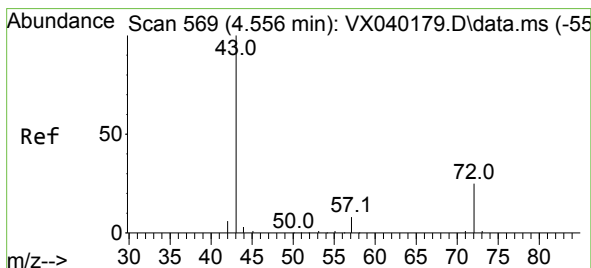
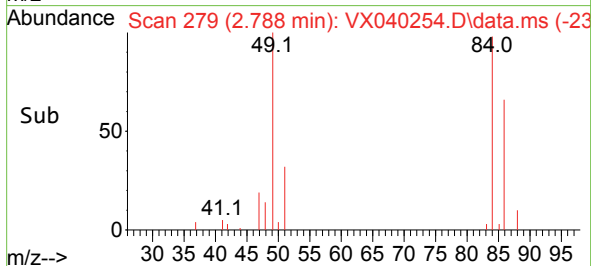
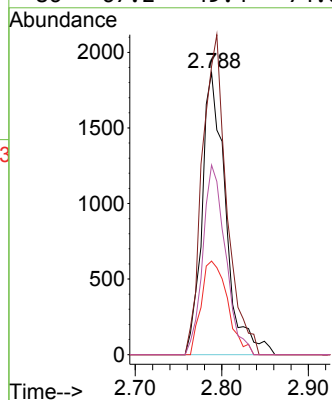
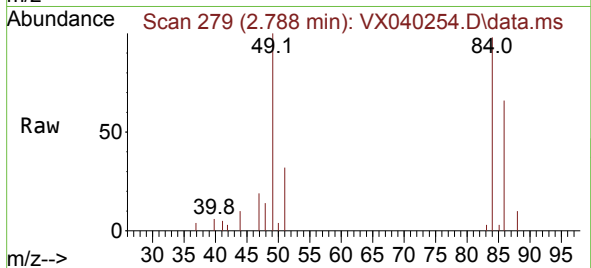
Ion Ratio Lower Upper

84 100

49 102.3 103.6 155.4#

51 33.2 33.8 50.6#

86 67.2 49.4 74.0



#25

2-Butanone

Concen: 1.974 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.025 min

Lab File: VX040254.D

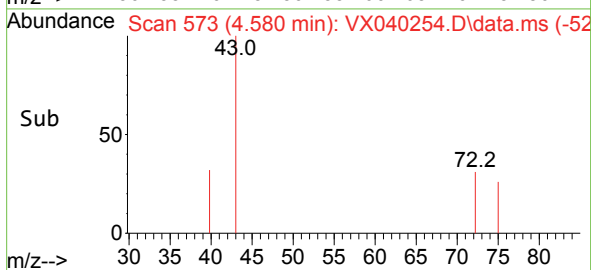
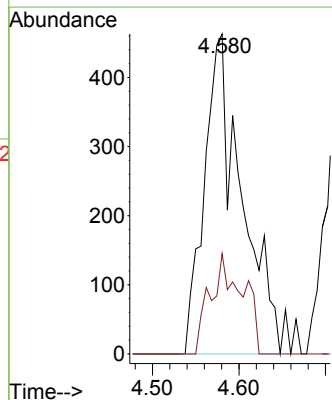
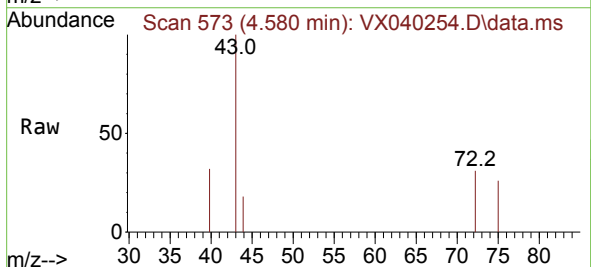
Acq: 15 Feb 2024 15:59

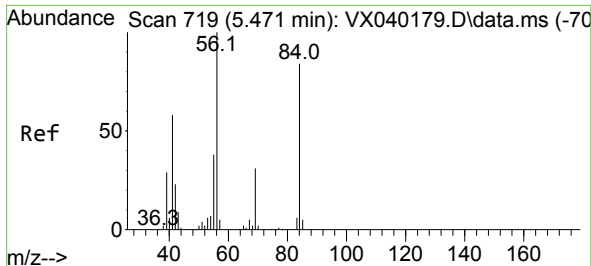
Tgt Ion: 43 Resp: 1373

Ion Ratio Lower Upper

43 100

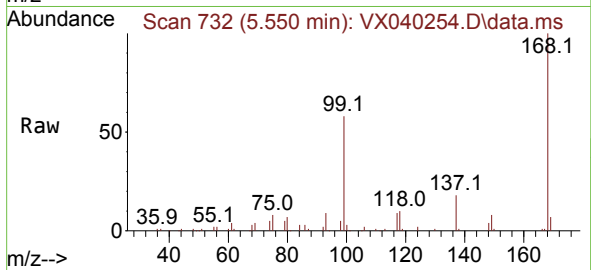
72 31.3 19.4 29.2#



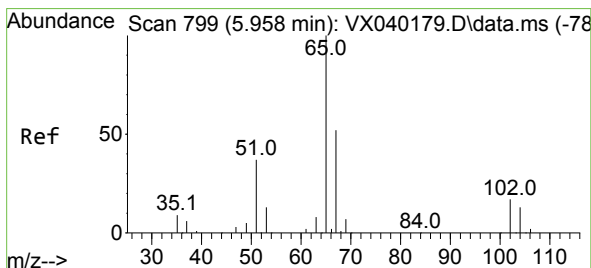
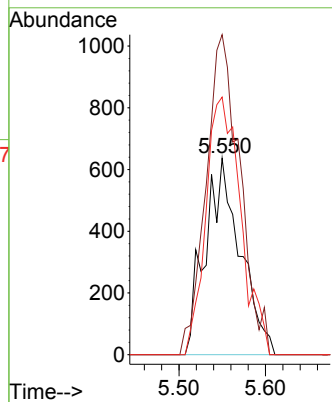
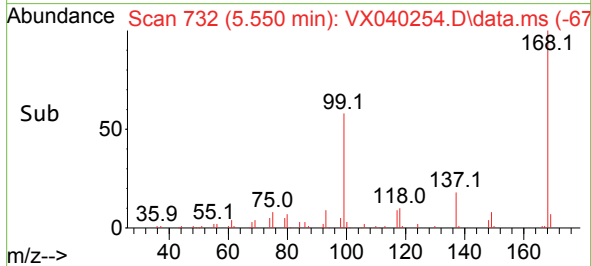


#31
Cyclohexane
Concen: 1.387 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

Instrument :
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ClientSampleId :
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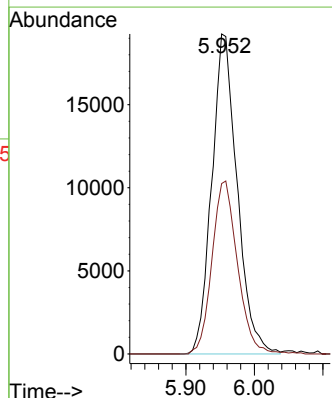
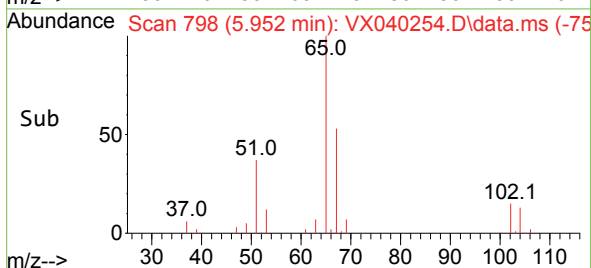
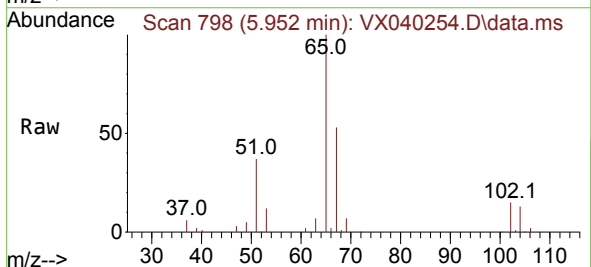


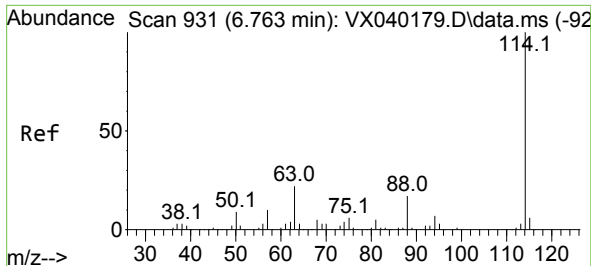
Tgt Ion: 56 Resp: 1793
Ion Ratio Lower Upper
56 100
69 162.8 23.4 35.2#
84 131.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.694 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

Tgt Ion: 65 Resp: 49507
Ion Ratio Lower Upper
65 100
67 54.4 0.0 100.2

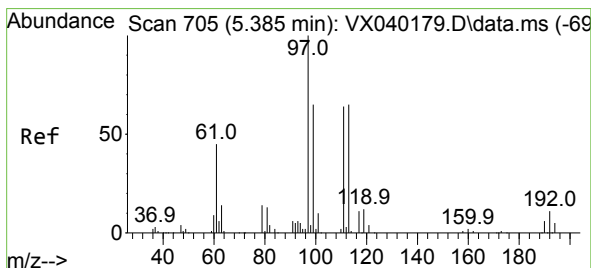
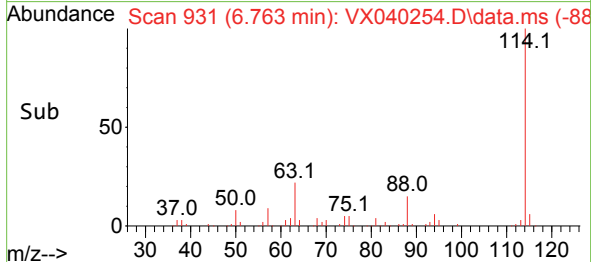
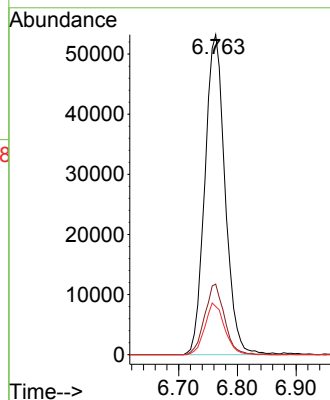
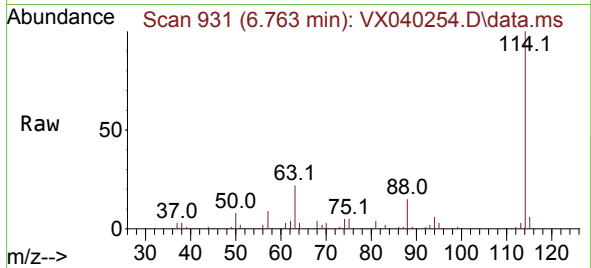




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

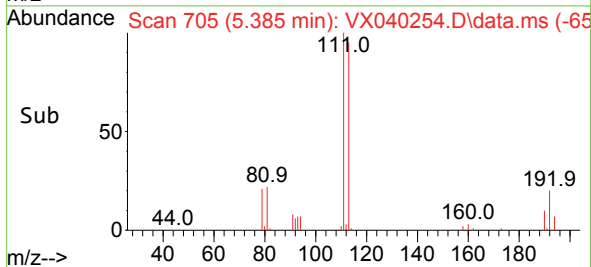
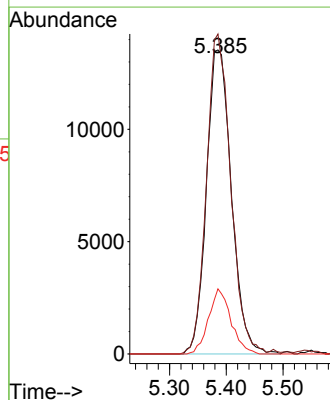
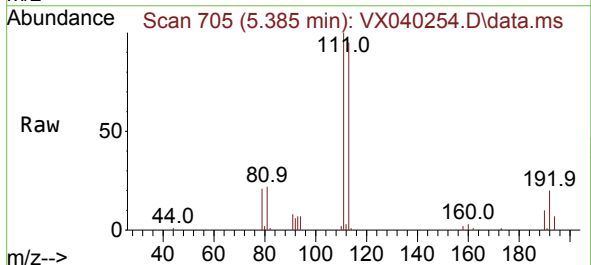
Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#01

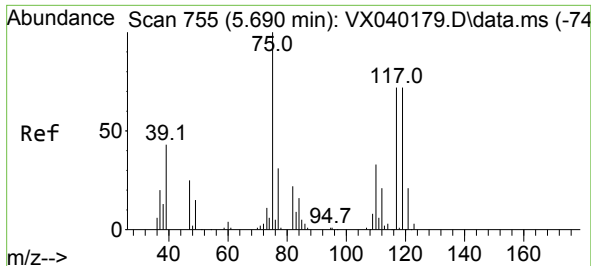
Tgt Ion:114 Resp: 126963
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 15.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.746 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

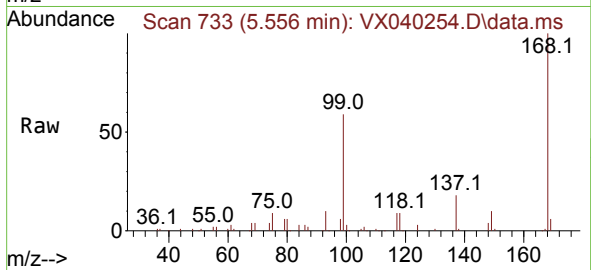
Tgt Ion:113 Resp: 41447
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.2 13.3 19.9



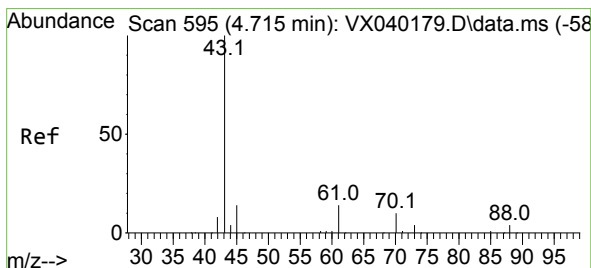
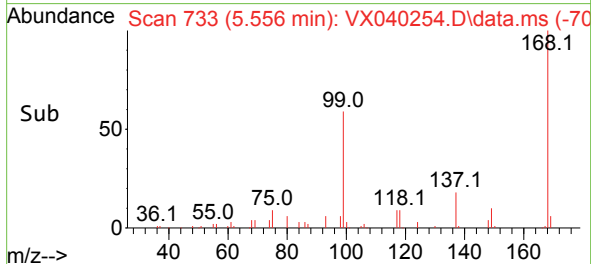
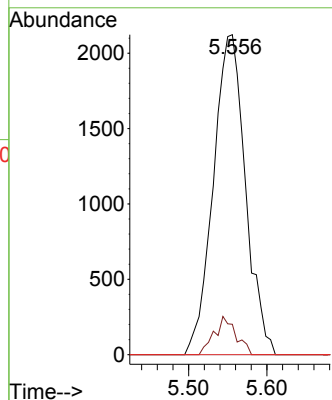


#36
1,1-Dichloropropene
Concen: 4.886 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

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PB159010ZHE#01

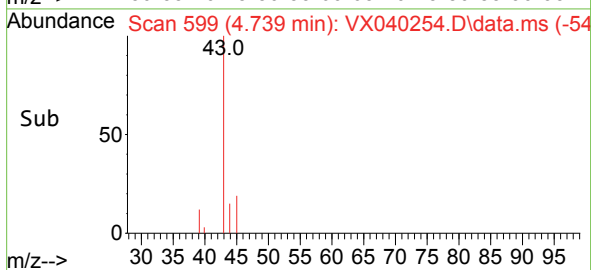
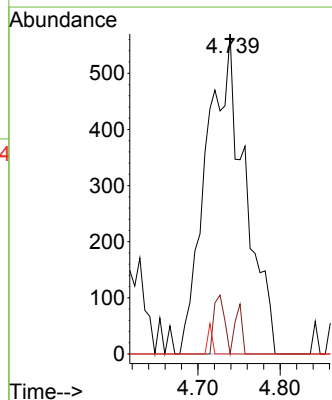
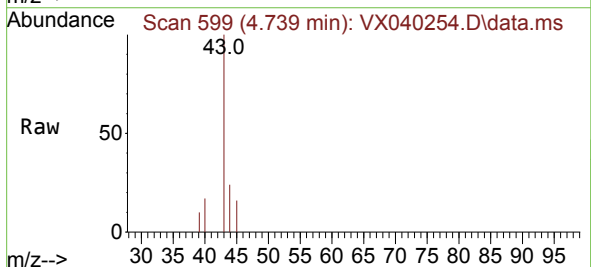


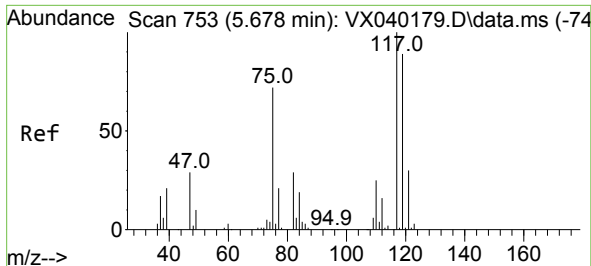
Tgt Ion: 75 Resp: 6069
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.341 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.018 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

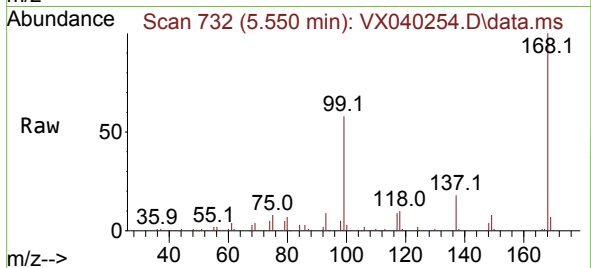
Tgt Ion: 43 Resp: 1853
Ion Ratio Lower Upper
43 100
61 2.9 10.6 16.0#
70 0.0 8.3 12.5#



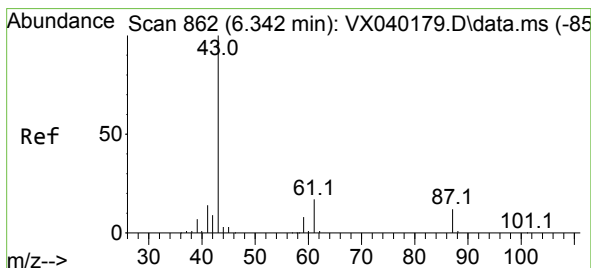
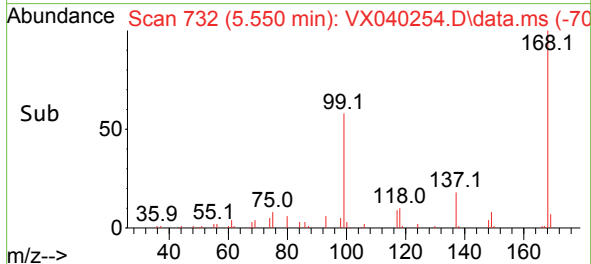
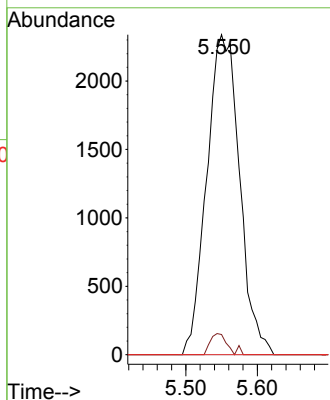


#38
Carbon Tetrachloride
Concen: 6.309 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#01

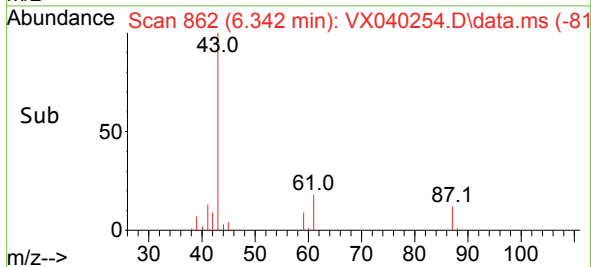
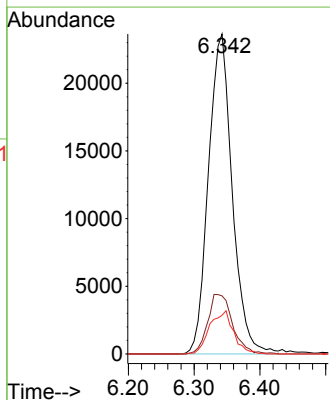
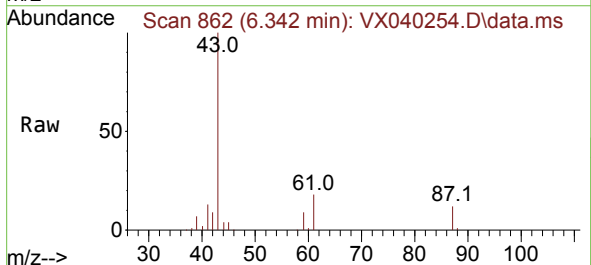


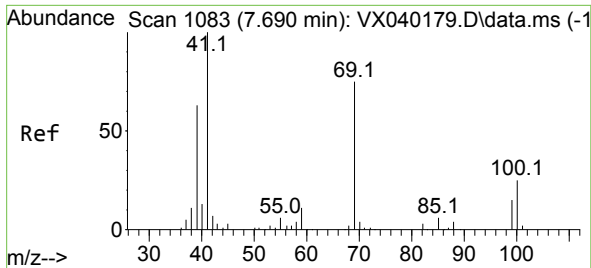
Tgt Ion:117 Resp: 7450
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 27.627 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

Tgt Ion: 43 Resp: 59602
Ion Ratio Lower Upper
43 100
61 19.4 15.2 22.8
87 13.5 9.8 14.6

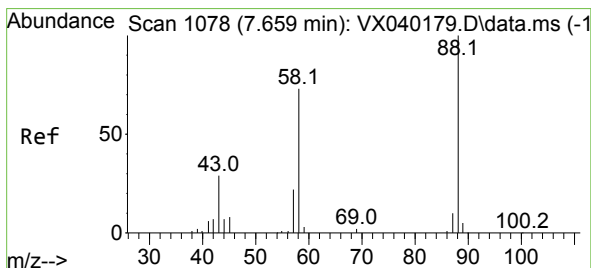
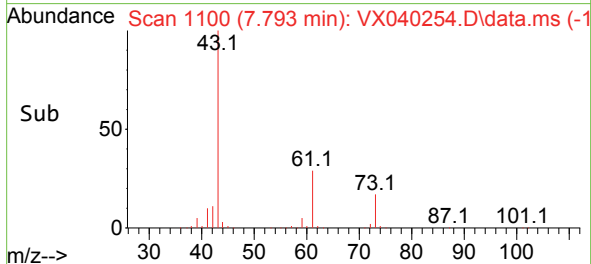
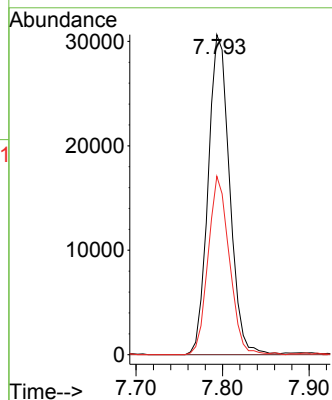
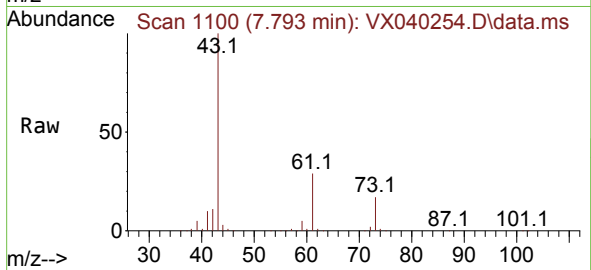




#48
Methyl methacrylate
Concen: 47.746 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.098 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

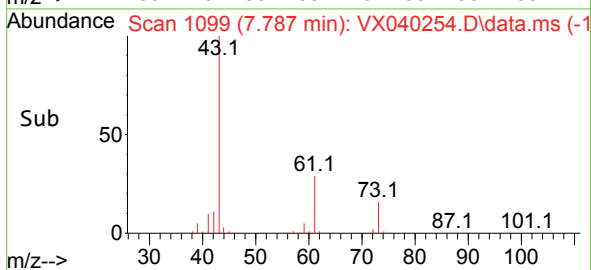
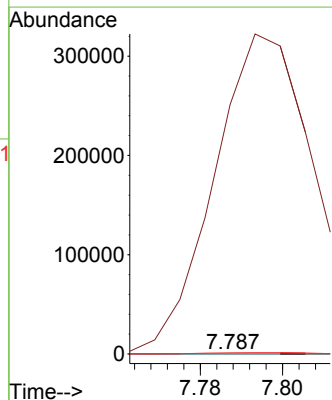
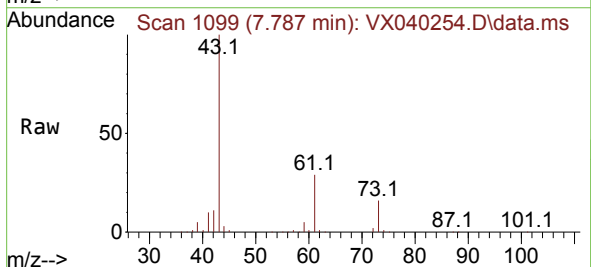
Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#01

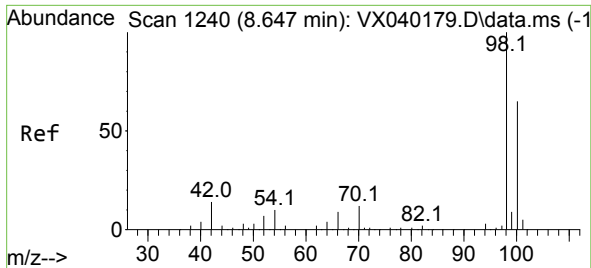
Tgt Ion: 41 Resp: 52707
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 55.3 47.7 71.5



#49
1,4-Dioxane
Concen: 1.041 ug/l
RT: 7.787 min Scan# 1099
Delta R.T. 0.128 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 2257120.0 0.0 0.0#
58 9568.0 60.1 90.1#

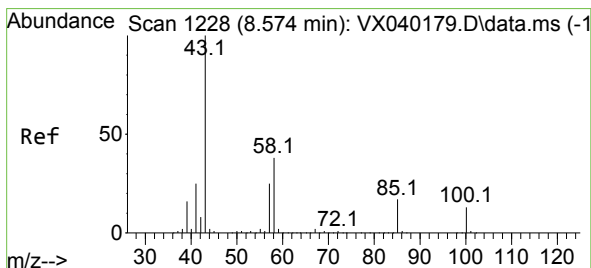
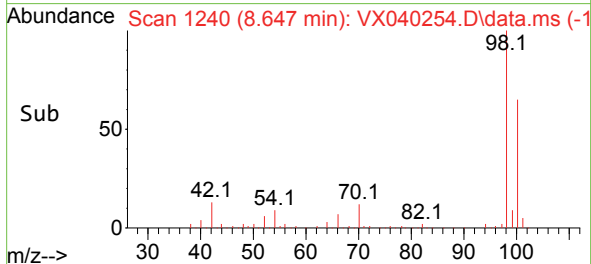
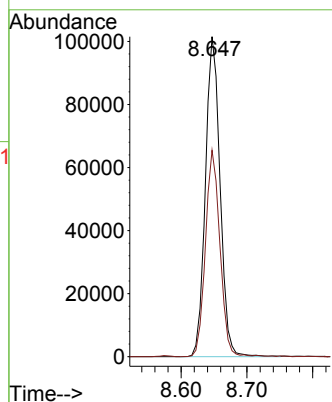
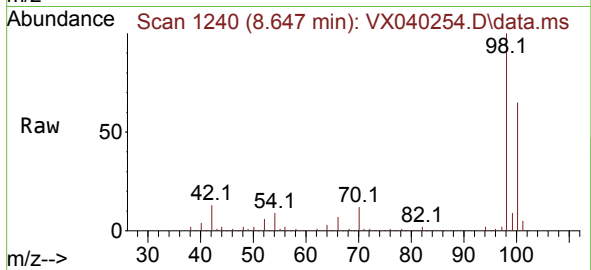




#50
Toluene-d8
Concen: 47.446 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

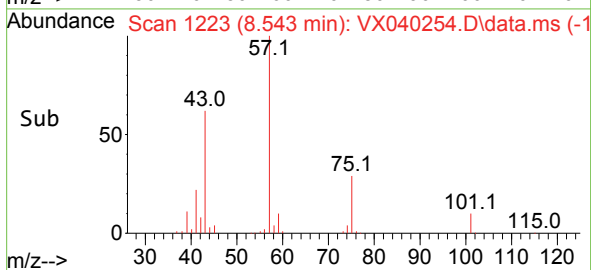
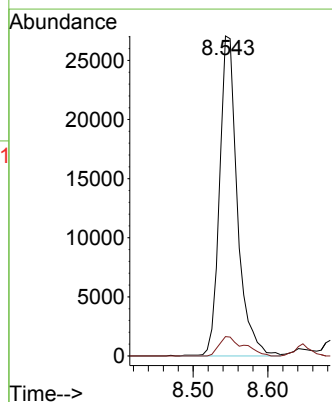
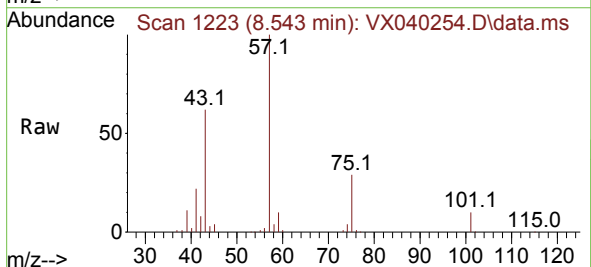
Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#01

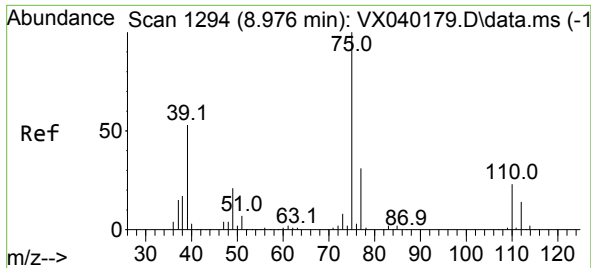
Tgt Ion: 98 Resp: 157362
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 30.451 ug/l
RT: 8.543 min Scan# 1223
Delta R.T. -0.031 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

Tgt Ion: 43 Resp: 44853
Ion Ratio Lower Upper
43 100
58 8.4 30.4 45.6#

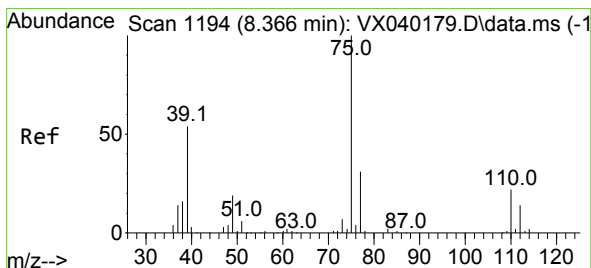
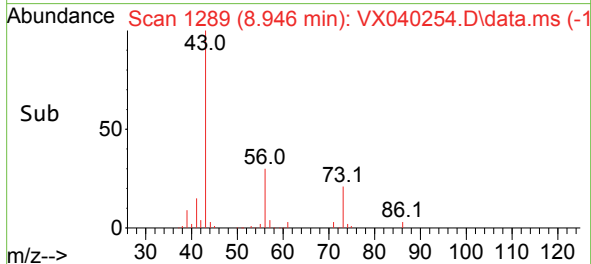
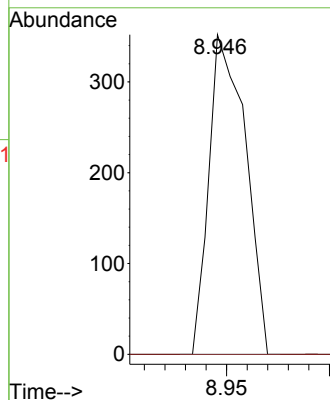
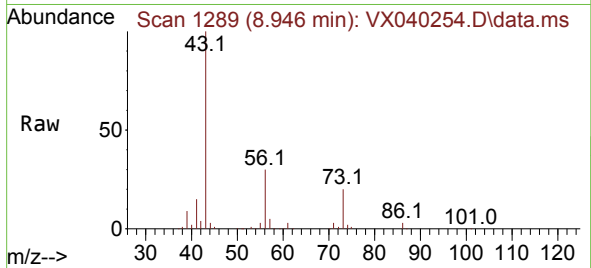




#53
 t-1,3-Dichloropropene
 Concen: 2.230 ug/l
 RT: 8.946 min Scan# 1124
 Delta R.T. -0.030 min
 Lab File: VX040254.D
 Acq: 15 Feb 2024 15:59

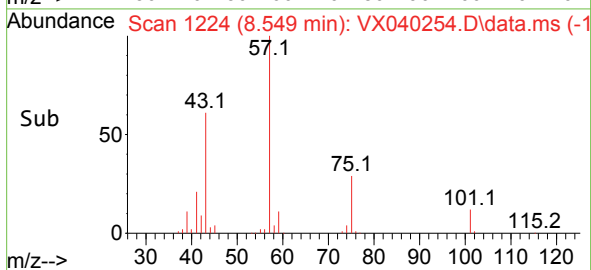
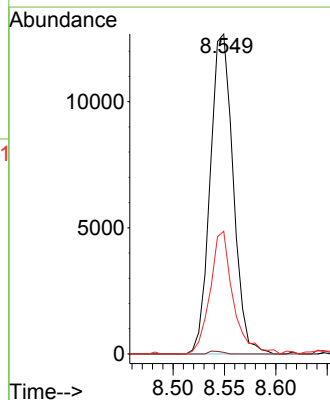
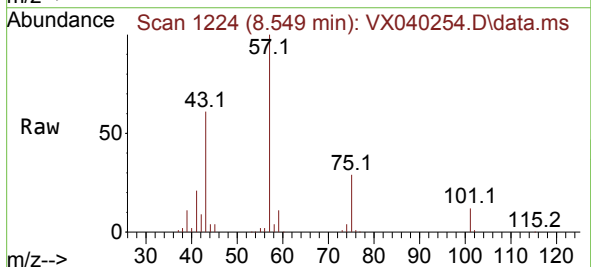
Instrument :
 MSVOA_X
 ClientSampleId :
 PB159010ZHE#01

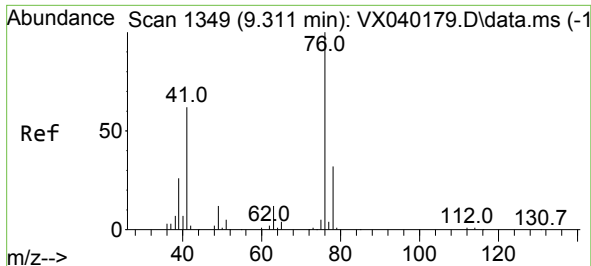
Tgt Ion: 75 Resp: 436
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 13.718 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX040254.D
 Acq: 15 Feb 2024 15:59

Tgt Ion: 75 Resp: 19724
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 38.4 46.7 70.1#

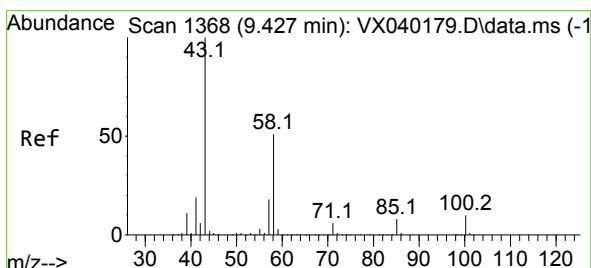
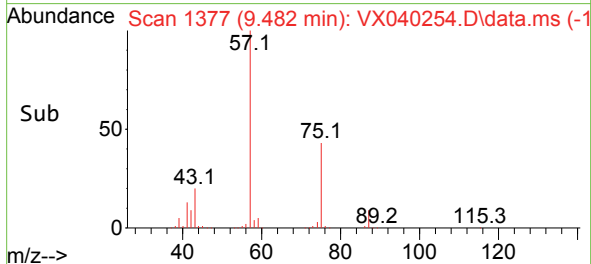
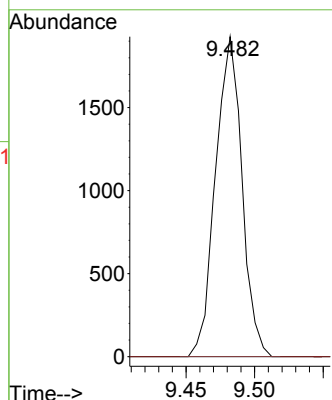
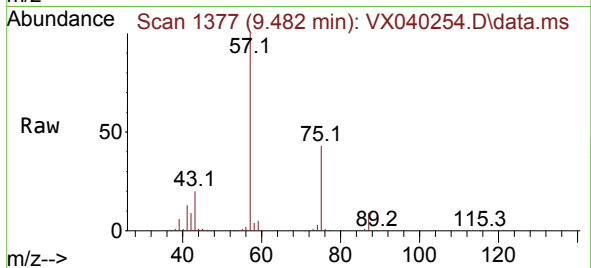




#57
1,3-Dichloropropane
Concen: 1.631 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

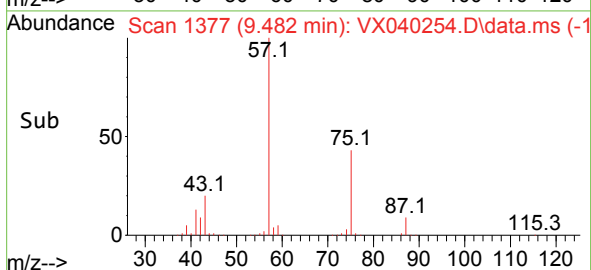
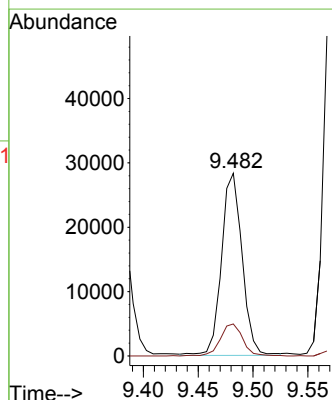
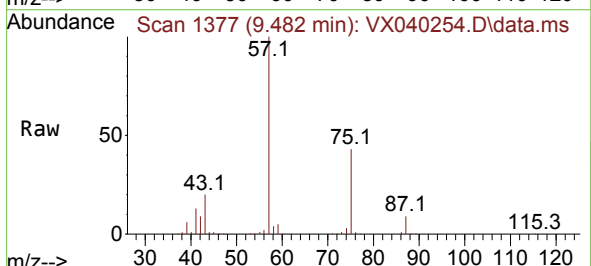
Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#01

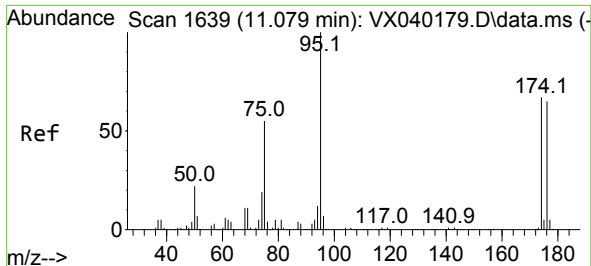
Tgt Ion: 76 Resp: 2583
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 31.757 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.055 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

Tgt Ion: 43 Resp: 37086
Ion Ratio Lower Upper
43 100
58 19.2 26.2 78.5#

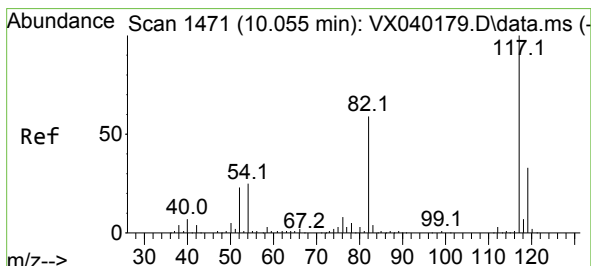
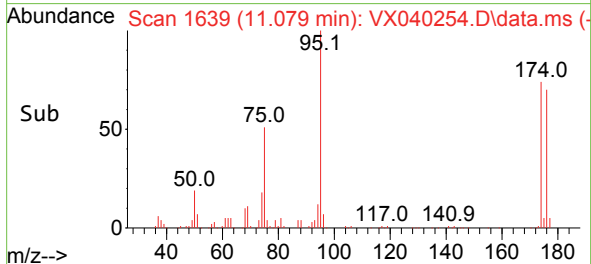
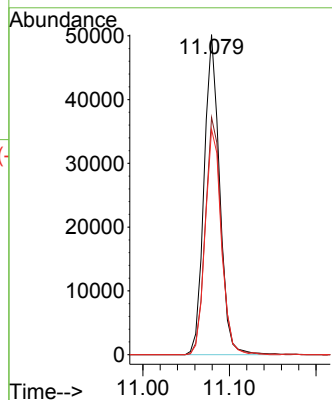
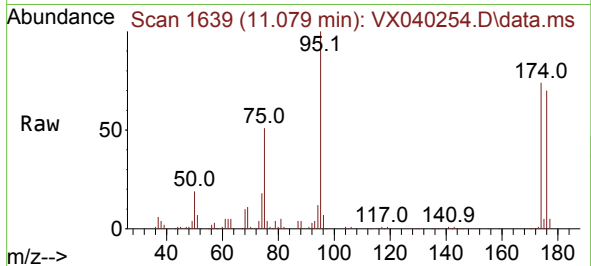




#62
4-Bromofluorobenzene
Concen: 46.134 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

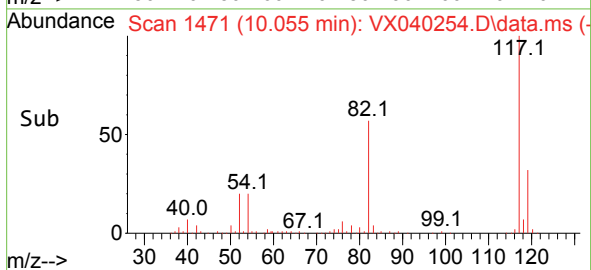
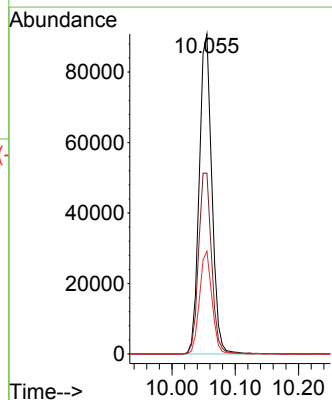
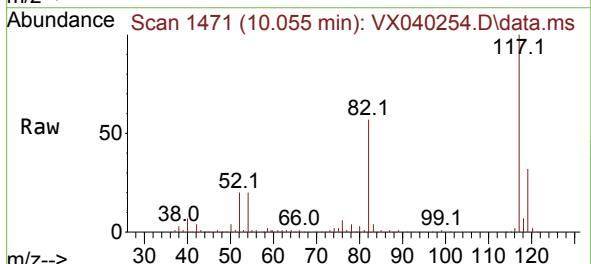
Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#01

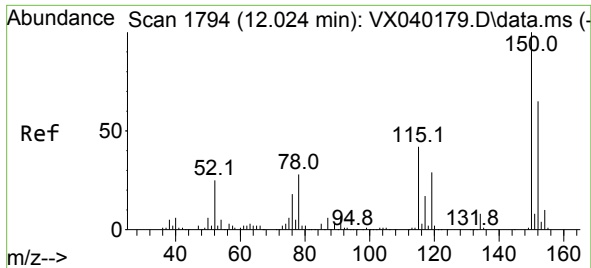
Tgt Ion: 95 Resp: 62404
Ion Ratio Lower Upper
95 100
174 77.4 0.0 135.6
176 73.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

Tgt Ion: 117 Resp: 126147
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.1 25.5 38.3

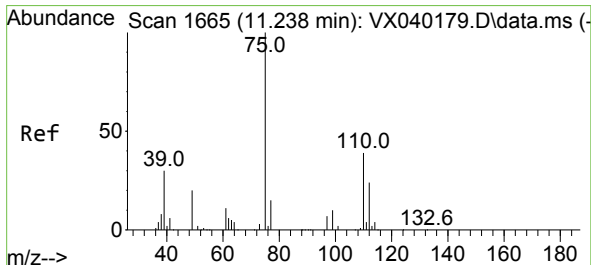
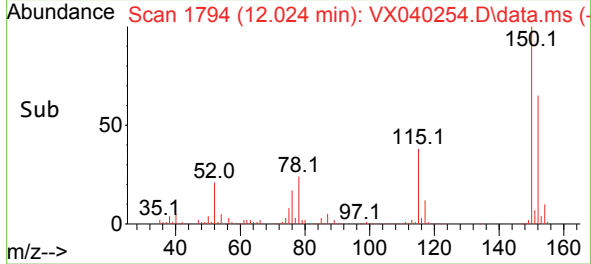
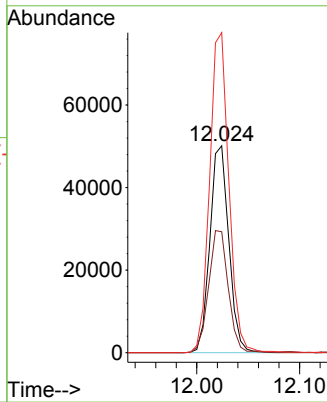
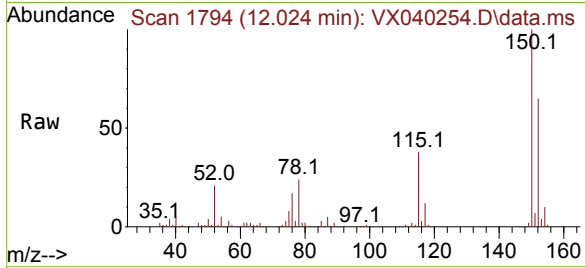




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

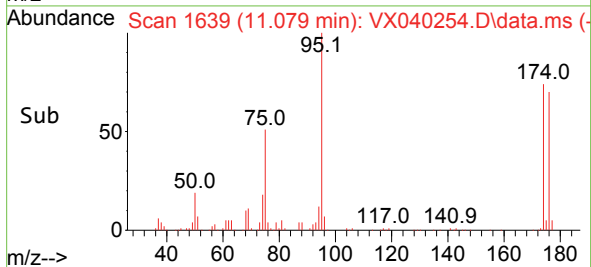
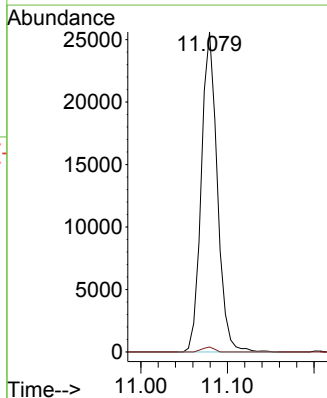
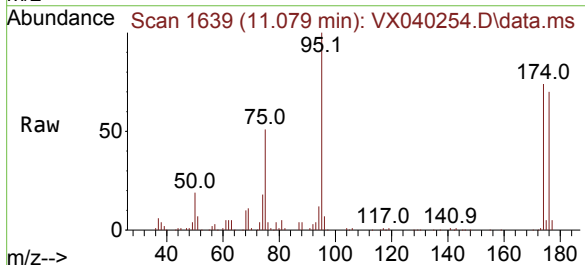
Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#01

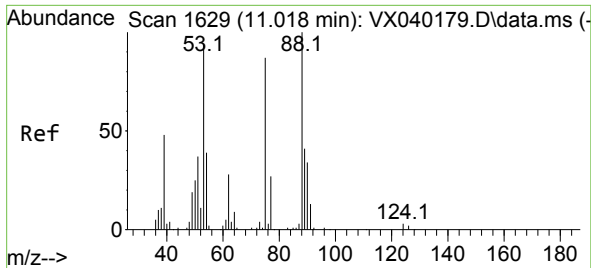
Tgt Ion:152 Resp: 64197
Ion Ratio Lower Upper
152 100
115 61.1 43.3 129.9
150 156.9 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 25.271 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

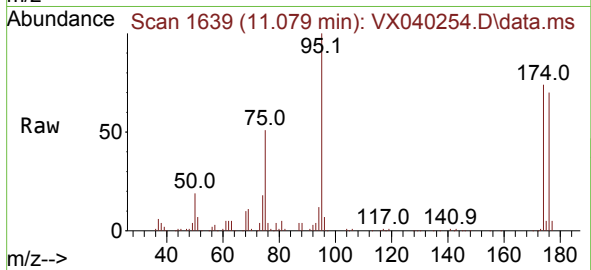
Tgt Ion: 75 Resp: 32853
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.476 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040254.D
Acq: 15 Feb 2024 15:59

Instrument :
MSVOA_X
ClientSampleId :
PB159010ZHE#01



Tgt Ion: 75 Resp: 32853
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

