

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036478.D
 Acq On : 10 Jul 2023 13:23
 Operator : JC/MD
 Sample : PB154051TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB154051TB

Quant Time: Jul 11 01:27:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	178427	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	309249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	284244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	117677	46.010	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.020%		
35) Dibromofluoromethane	5.385	113	96351	47.252	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.500%		
50) Toluene-d8	8.647	98	378479	49.695	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.400%		
62) 4-Bromofluorobenzene	11.079	95	134718	50.219	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.440%		
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	1070	0.456	ug/l	# 72
6) Chloroethane	1.636	64	982	0.418	ug/l	# 49
11) Tert butyl alcohol	2.940	59	2329	5.003	ug/l	# 78
15) Acrylonitrile	3.075	53	405	0.343	ug/l	# 76
16) Acetone	2.380	43	80825	73.934	ug/l	# 89
17) Carbon Disulfide	2.514	76	1629	0.327	ug/l	# 76
18) Methyl Acetate	2.709	43	2590	0.576	ug/l	100
20) Methylene Chloride	2.794	84	7135	3.031	ug/l	# 89
23) Vinyl Acetate	3.721	43	1096	0.229	ug/l	# 73
25) 2-Butanone	4.556	43	56877	36.211	ug/l	97
29) Tetrahydrofuran	5.025	42	1347	1.347	ug/l	# 65
31) Cyclohexane	5.550	56	3753	1.145	ug/l	# 9
36) 1,1-Dichloropropene	5.550	75	14619	4.810	ug/l	# 51
37) Ethyl Acetate	4.721	43	15406	4.973	ug/l	96
38) Carbon Tetrachloride	5.550	117	18013	6.489	ug/l	# 16
43) Isopropyl Acetate	6.336	43	146410	29.625	ug/l	98
48) Methyl methacrylate	7.799	41	127393	51.699	ug/l	# 49
49) 1,4-Dioxane	7.696	88	132	2.416	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.574	43	276884	86.961	ug/l	# 81
53) t-1,3-Dichloropropene	8.952	75	1128	0.379	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	51126	15.210	ug/l	# 58
57) 1,3-Dichloropropane	9.482	76	6706	1.750	ug/l	# 42
59) 2-Hexanone	9.482	43	90513	38.928	ug/l	# 54
65) Chlorobenzene	10.073	112	1750	0.293	ug/l	# 84
74) N-amyl acetate	10.817	43	1538	0.399	ug/l	# 54
76) 1,2,3-Trichloropropane	11.079	75	68974	24.997	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	68974	81.485	ug/l	# 5
87) 1,3-Dichlorobenzene	11.969	146	1045	0.237	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	1045	0.233	ug/l	97
89) n-Butylbenzene	12.329	91	2281	0.305	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	1334	0.499	ug/l	97
94) Hexachlorobutadiene	13.725	225	556	0.508	ug/l	85
95) Naphthalene	13.774	128	3577	0.405	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1406	0.539	ug/l	91

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Quant Time: Jul 11 01:27:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

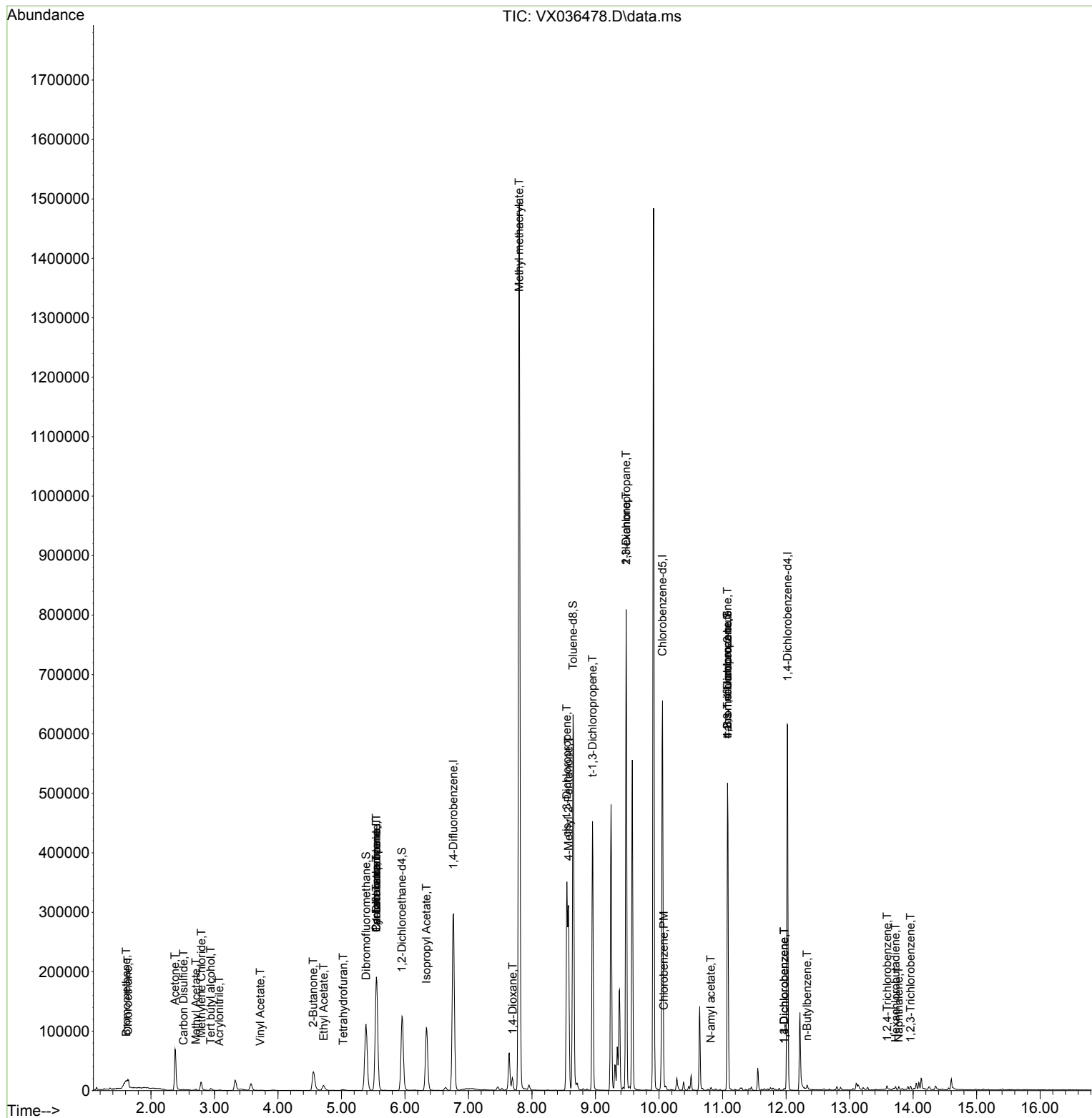
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

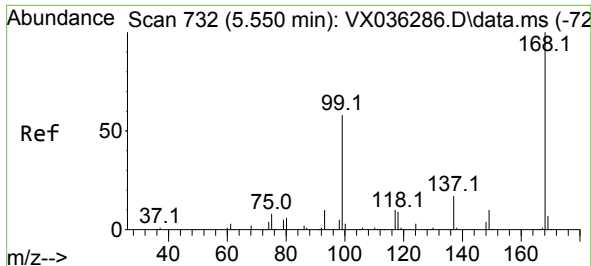
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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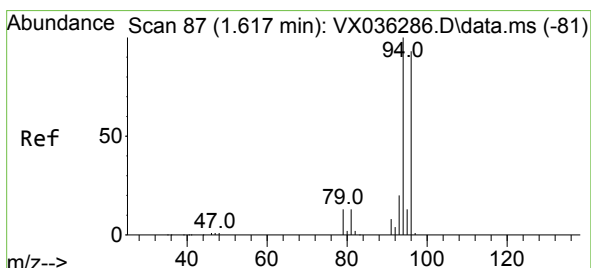
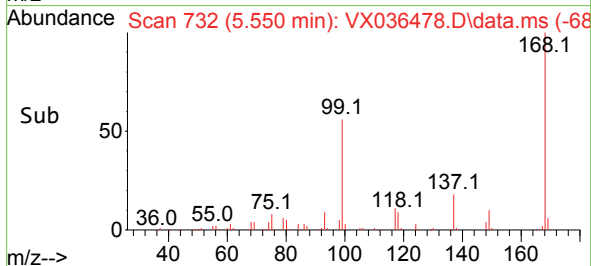
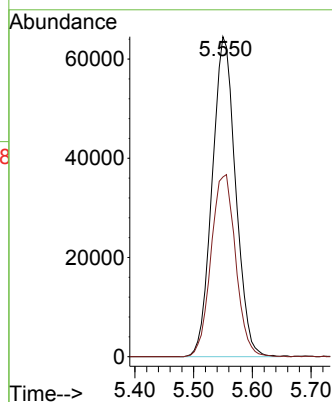
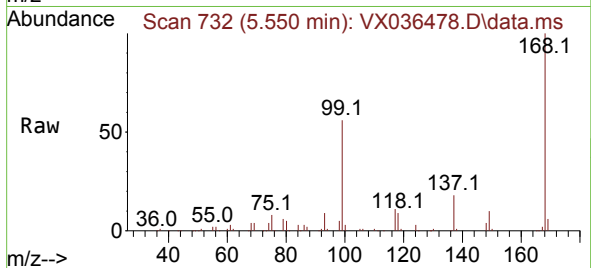




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

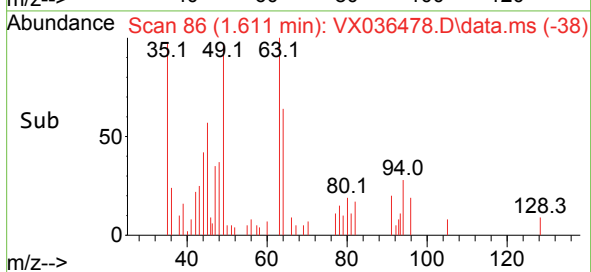
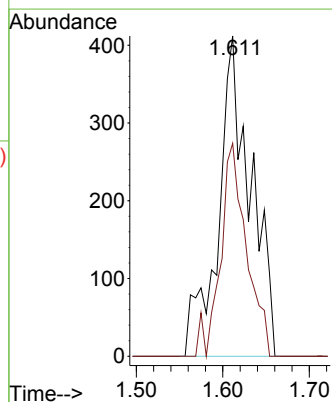
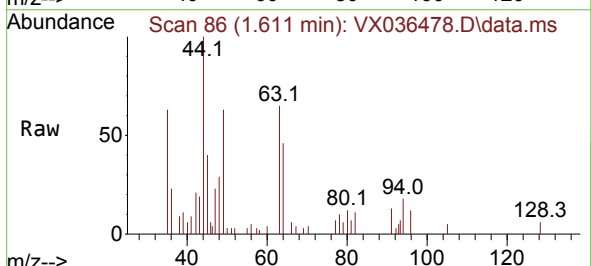
Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

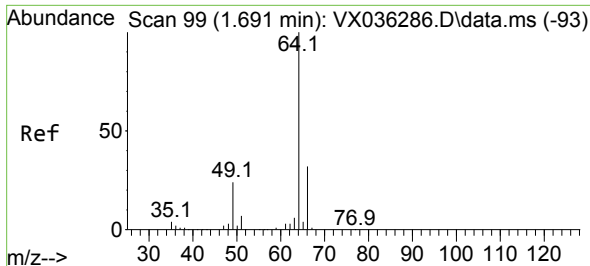
Tgt Ion:168 Resp: 178427
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#5
Bromomethane
Concen: 0.456 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.006 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 94 Resp: 1070
Ion Ratio Lower Upper
94 100
96 66.5 74.6 111.8#

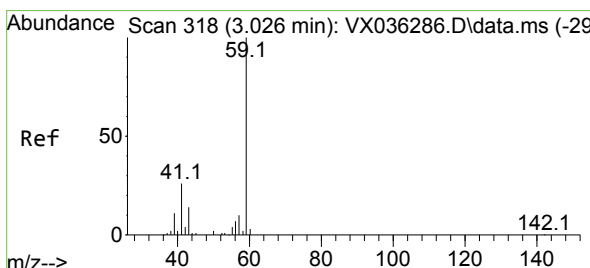
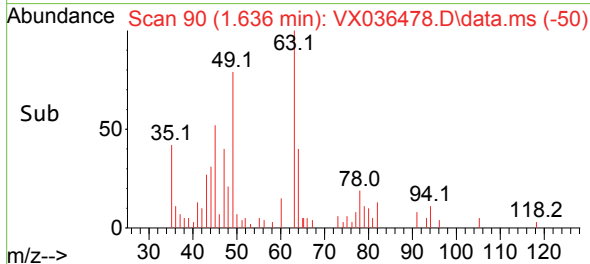
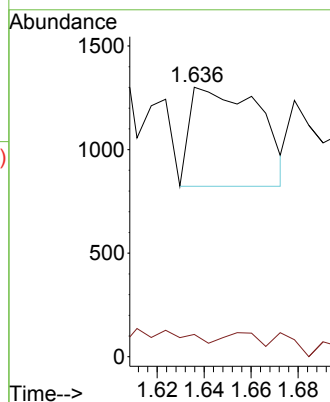
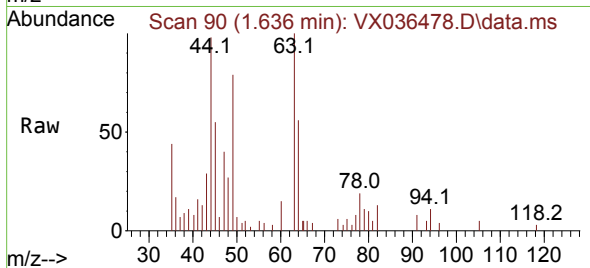




#6
Chloroethane
Concen: 0.418 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.054 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

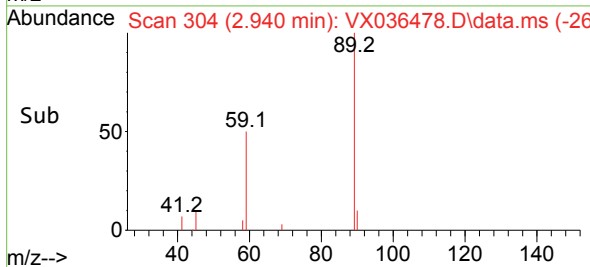
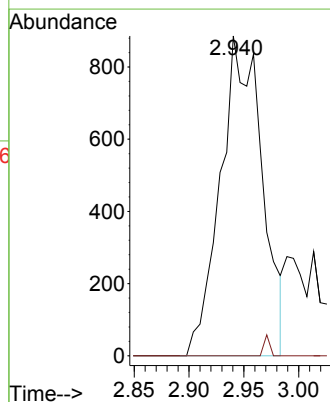
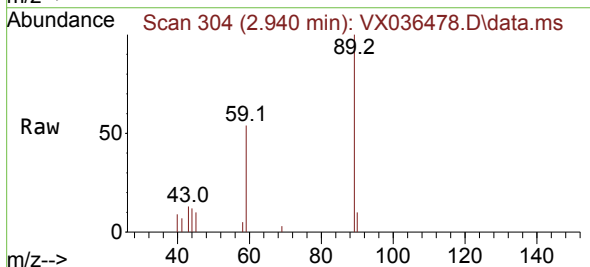
Instrument :
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ClientSampleId :
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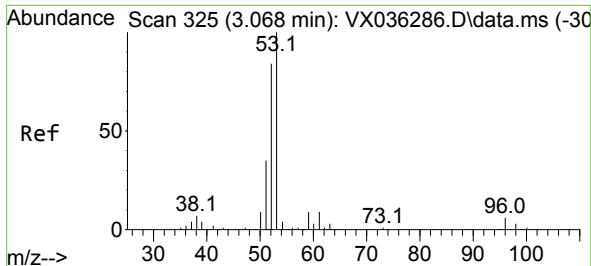
Tgt Ion: 64 Resp: 982
Ion Ratio Lower Upper
64 100
66 3.3 25.1 37.7#



#11
Tert butyl alcohol
Concen: 5.003 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.073 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 59 Resp: 2329
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

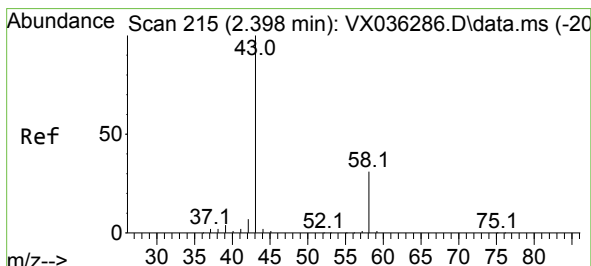
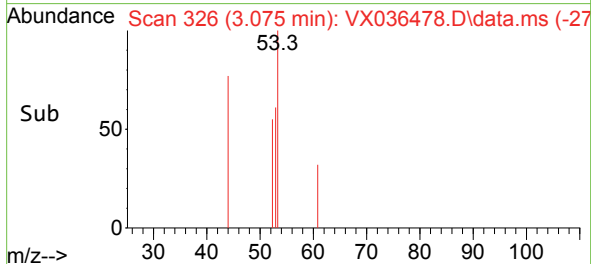
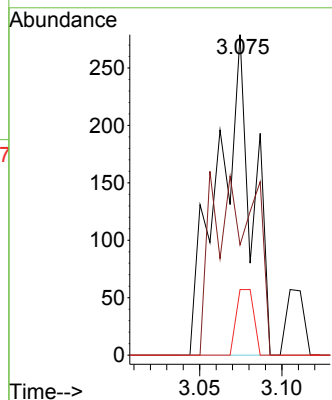
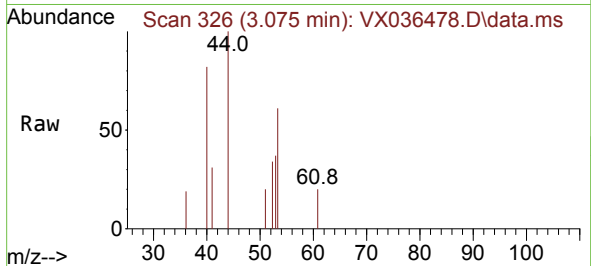




#15
Acrylonitrile
Concen: 0.343 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

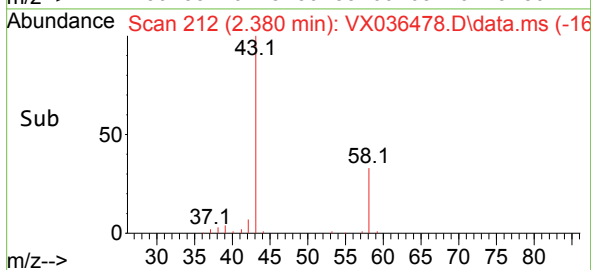
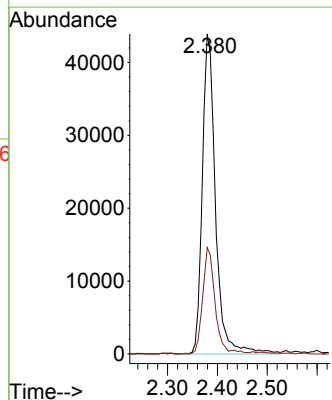
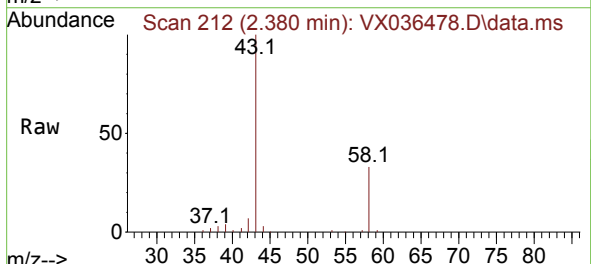
Instrument :
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ClientSampleId :
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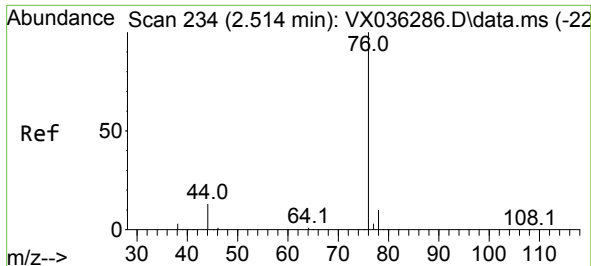
Tgt Ion: 53 Resp: 405
Ion Ratio Lower Upper
53 100
52 69.6 66.0 99.0
51 10.4 29.8 44.6#



#16
Acetone
Concen: 73.934 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 43 Resp: 80825
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#

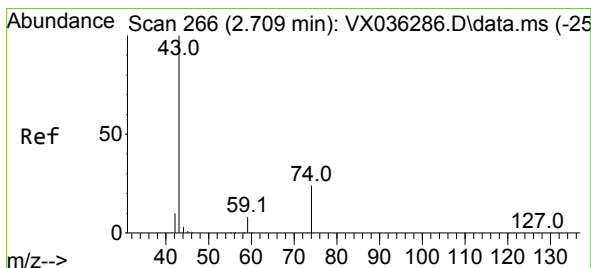
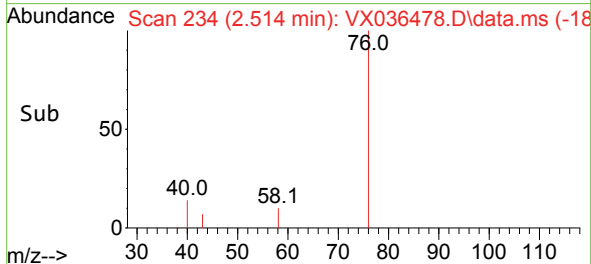
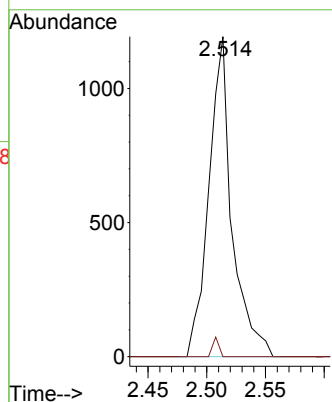
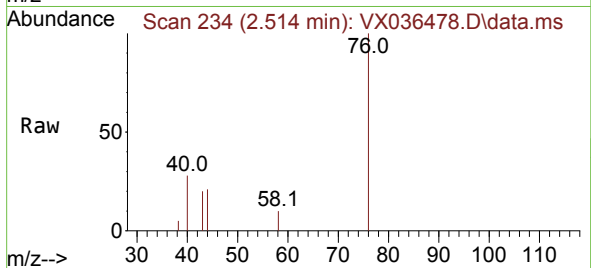




#17
Carbon Disulfide
Concen: 0.327 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

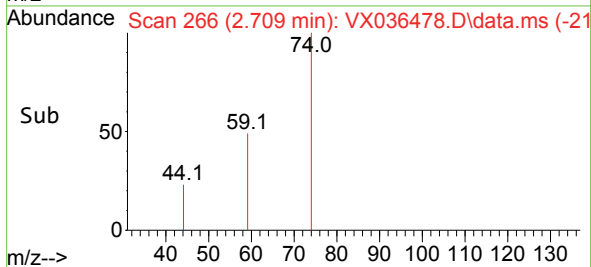
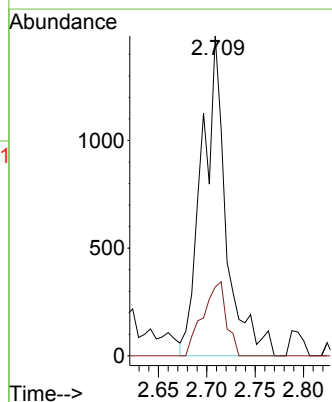
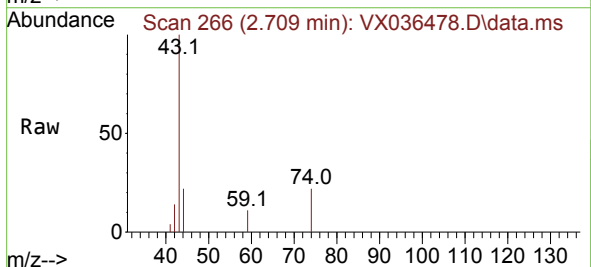
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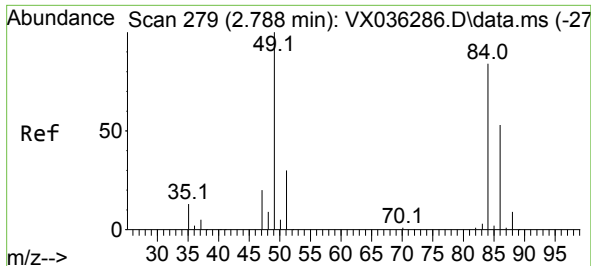
Tgt Ion: 76 Resp: 1629
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 0.576 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 43 Resp: 2590
Ion Ratio Lower Upper
43 100
74 22.4 17.8 26.8

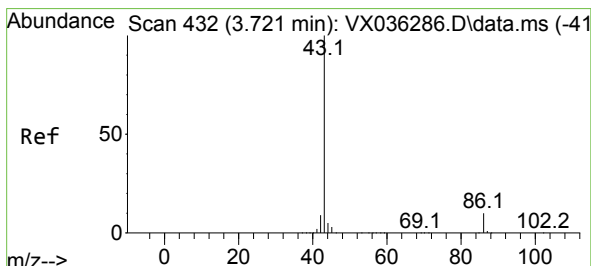
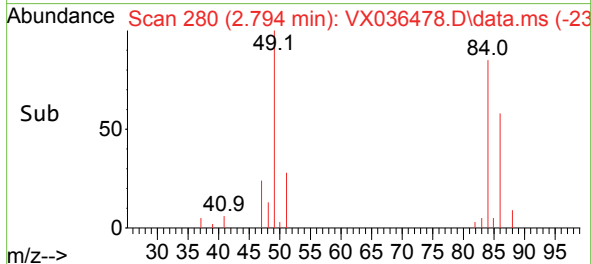
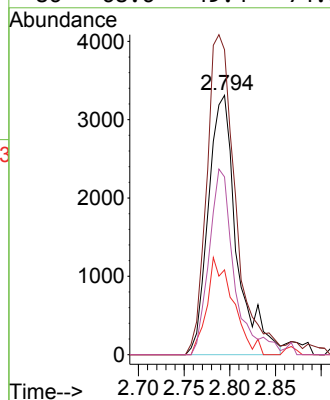
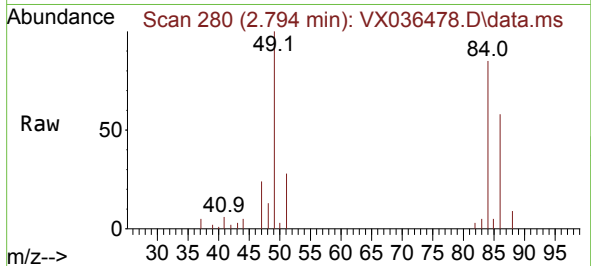




#20
Methylene Chloride
Concen: 3.031 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

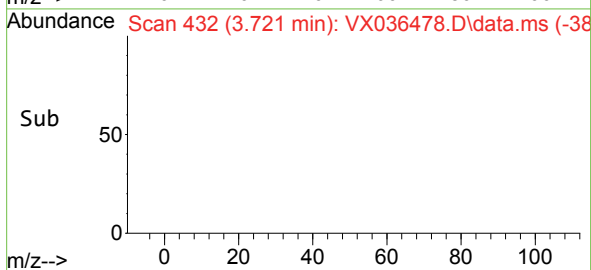
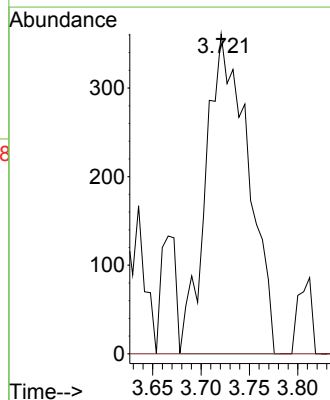
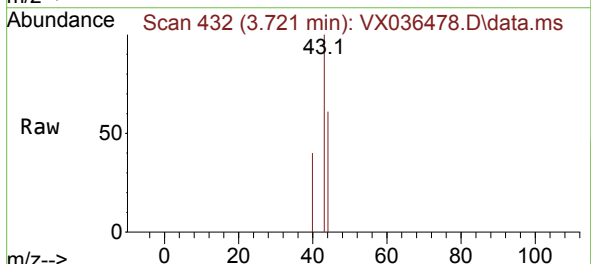
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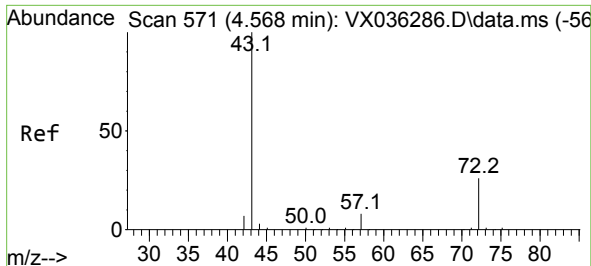
Tgt Ion: 84	Resp: 7135
Ion Ratio	Lower Upper
84	100
49	117.6 103.6 155.4
51	32.7 33.8 50.6#
86	68.6 49.4 74.0



#23
Vinyl Acetate
Concen: 0.229 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 43	Resp: 1096
Ion Ratio	Lower Upper
43	100
86	0.0 7.8 11.8#

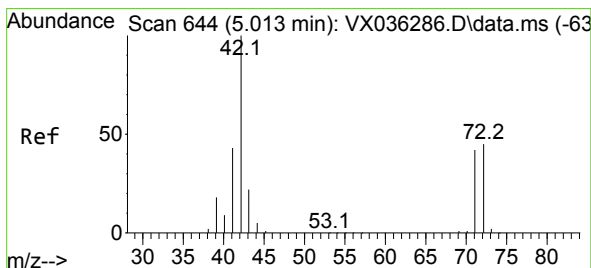
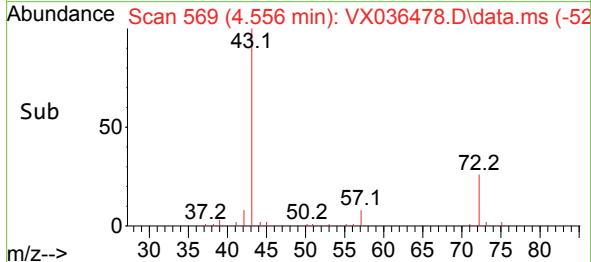
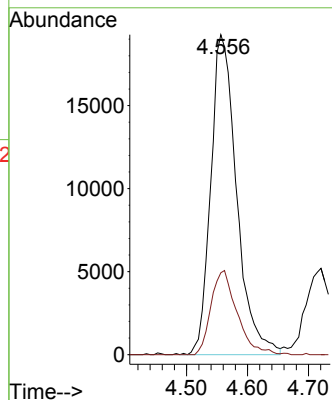
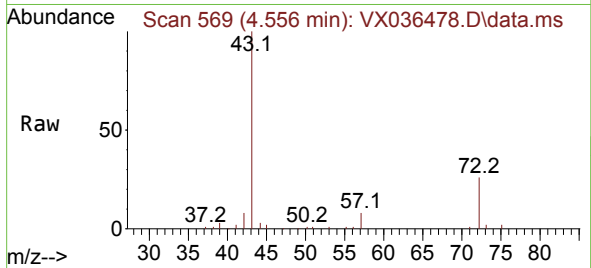




#25
2-Butanone
Concen: 36.211 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

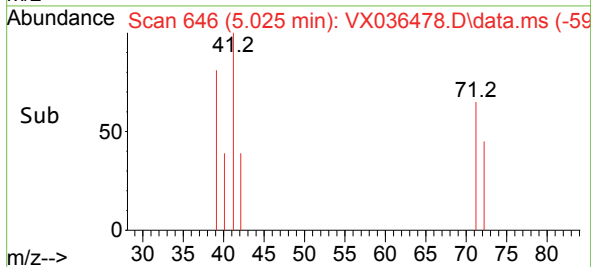
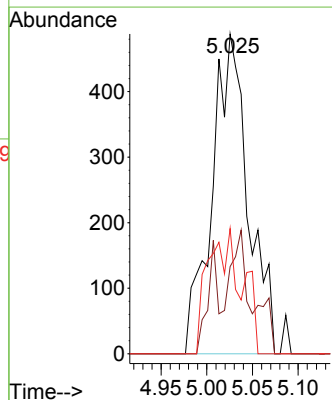
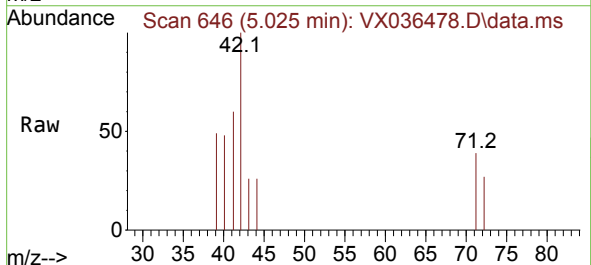
Instrument :
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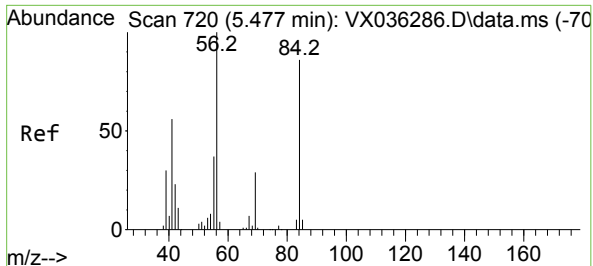
Tgt Ion: 43 Resp: 56877
Ion Ratio Lower Upper
43 100
72 25.6 19.4 29.2



#29
Tetrahydrofuran
Concen: 1.347 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.006 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 42 Resp: 1347
Ion Ratio Lower Upper
42 100
72 10.2 34.2 51.4#
71 29.3 32.2 48.2#

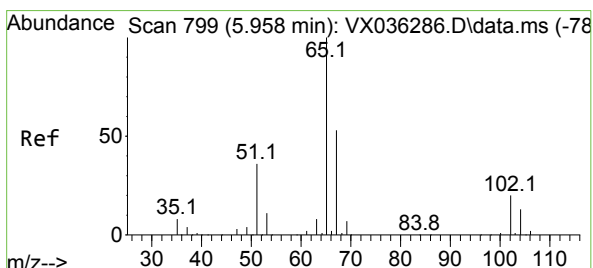
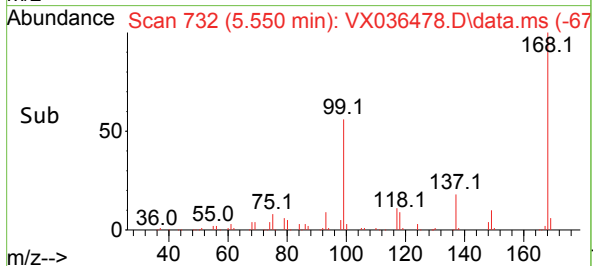
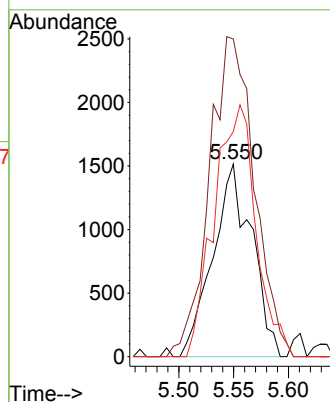
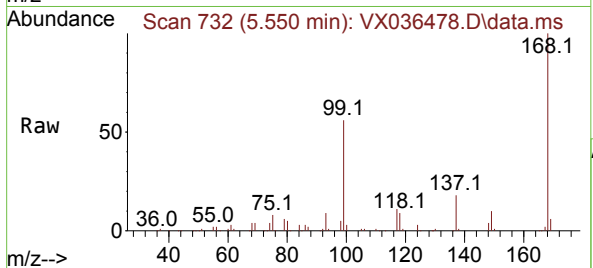




#31
Cyclohexane
Concen: 1.145 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.080 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

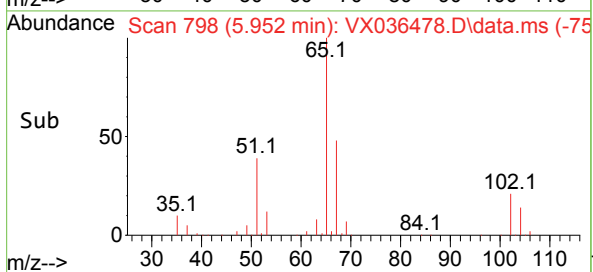
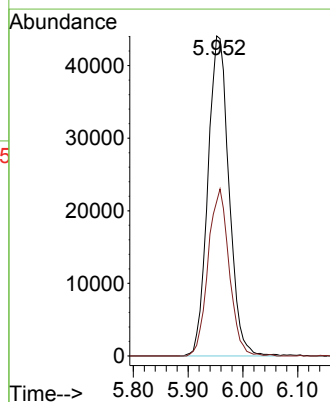
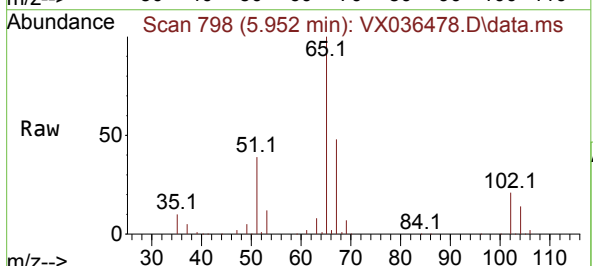
Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

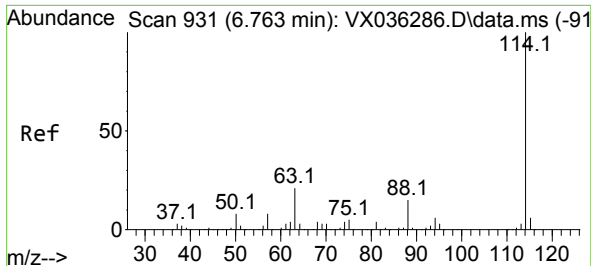
Tgt Ion: 56 Resp: 3753
Ion Ratio Lower Upper
56 100
69 158.1 23.4 35.2#
84 116.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.010 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 65 Resp: 117677
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

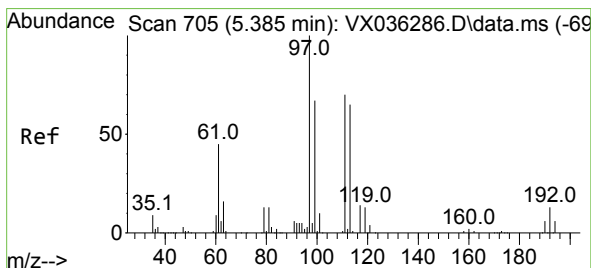
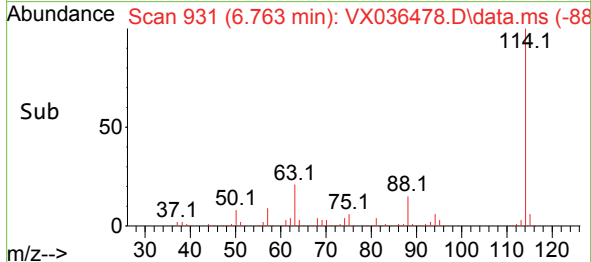
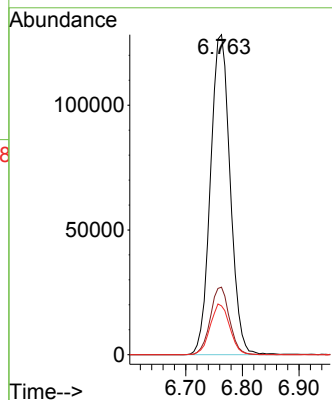
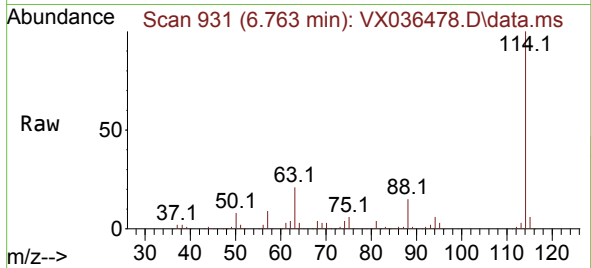




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

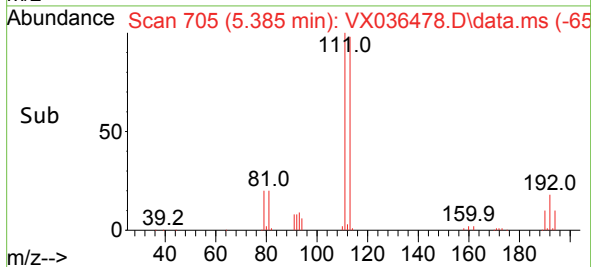
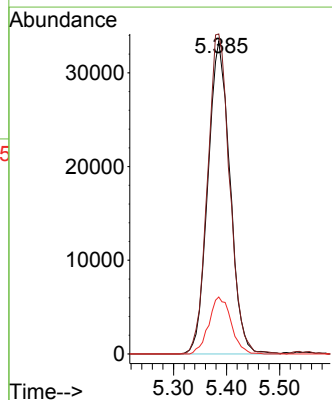
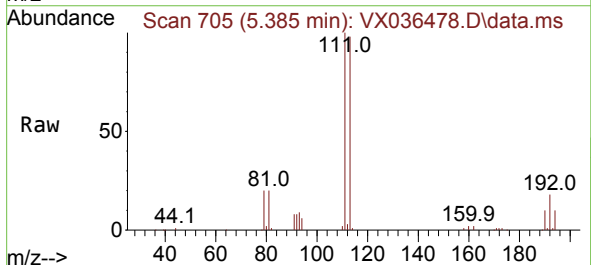
Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

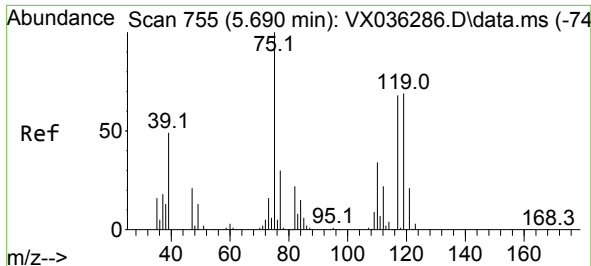
Tgt Ion:114 Resp: 309249
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.252 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion:113 Resp: 96351
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.4 13.3 19.9

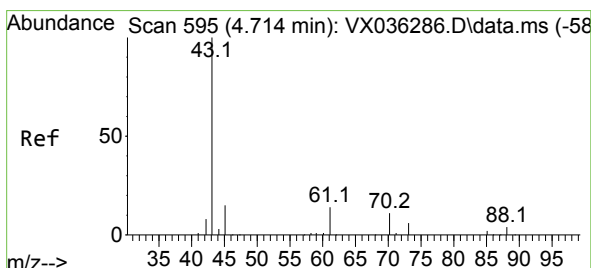
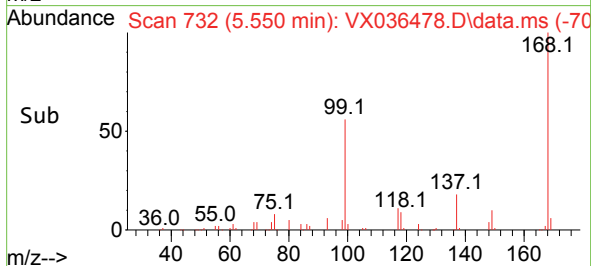
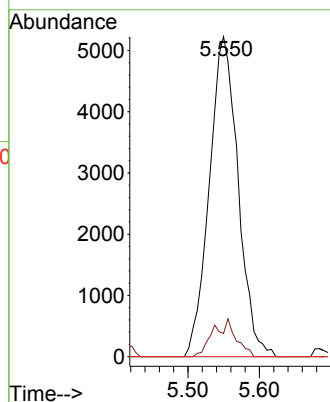
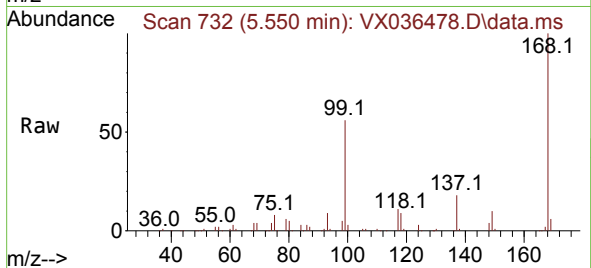




#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

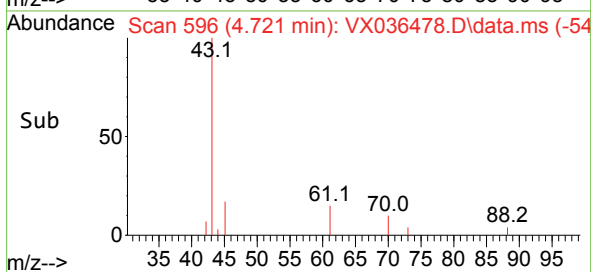
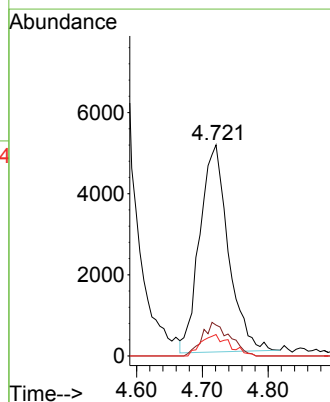
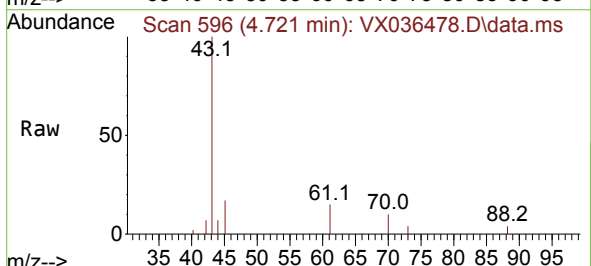
Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

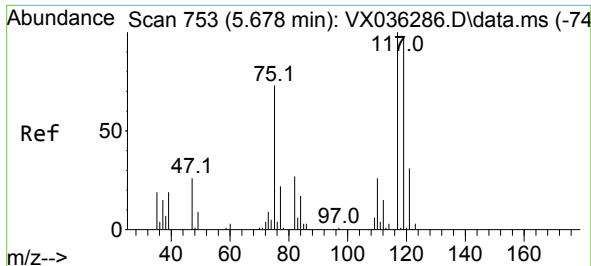
Tgt Ion: 75 Resp: 14619
Ion Ratio Lower Upper
75 100
110 9.4 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 4.973 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.007 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

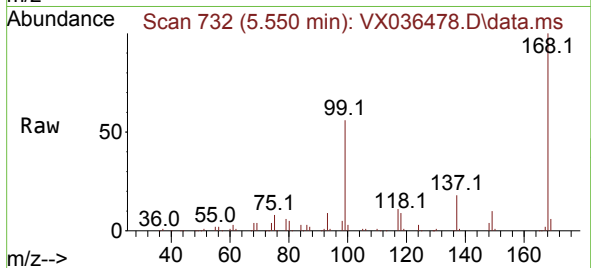
Tgt Ion: 43 Resp: 15406
Ion Ratio Lower Upper
43 100
61 15.7 10.6 16.0
70 10.3 8.3 12.5



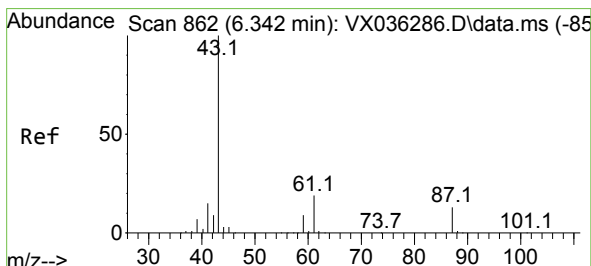
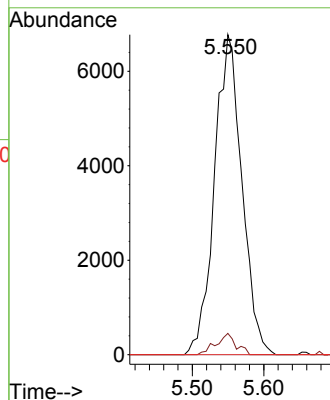
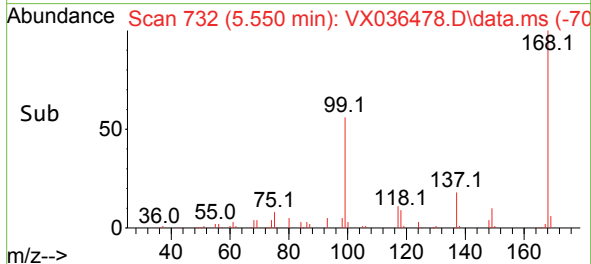


#38
Carbon Tetrachloride
Concen: 6.489 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

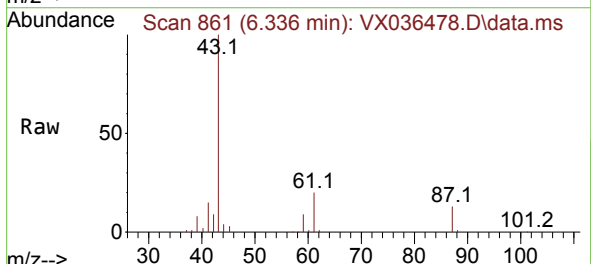
Instrument :
MSVOA_X
ClientSampleId :
PB154051TB



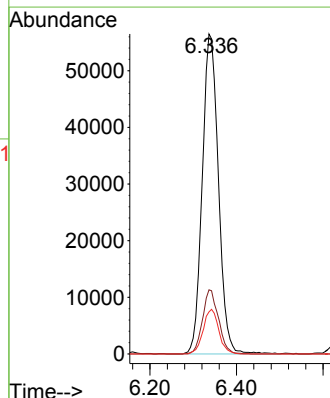
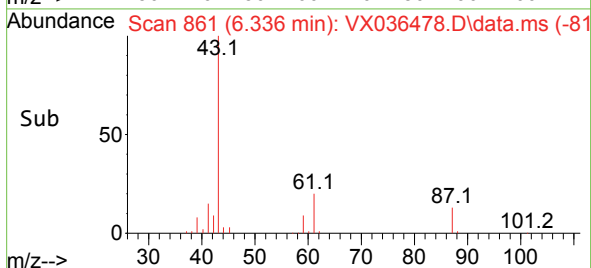
Tgt Ion:117 Resp: 18013
Ion Ratio Lower Upper
117 100
119 6.7 78.2 117.2#
121 0.0 24.4 36.6#

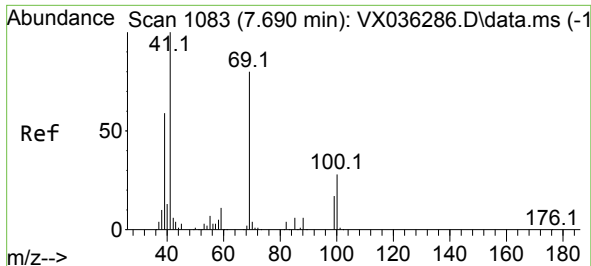


#43
Isopropyl Acetate
Concen: 29.625 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23



Tgt Ion: 43 Resp: 146410
Ion Ratio Lower Upper
43 100
61 19.8 15.2 22.8
87 13.4 9.8 14.6

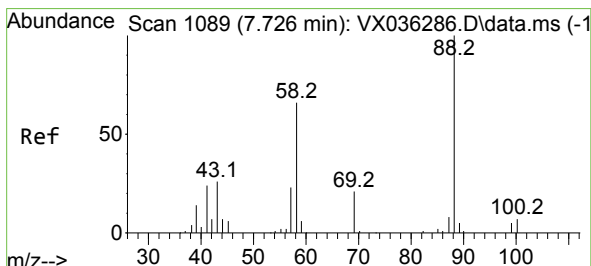
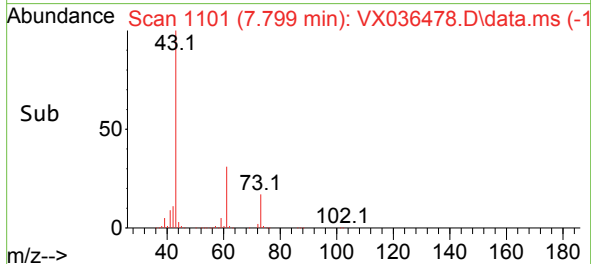
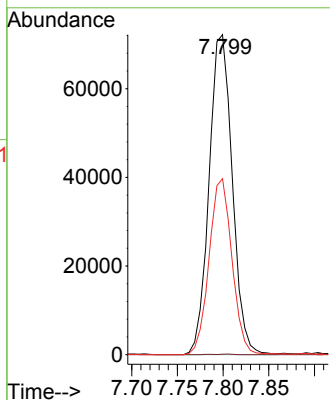
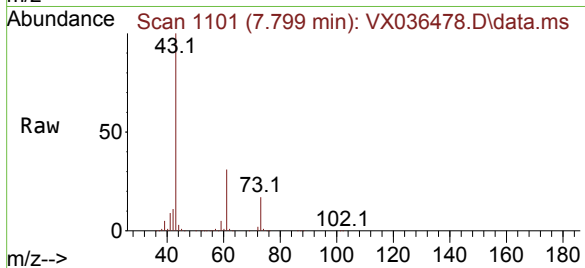




#48
Methyl methacrylate
Concen: 51.699 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

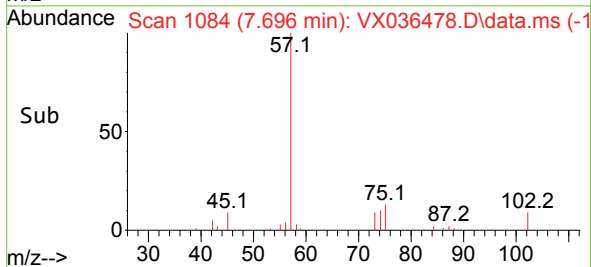
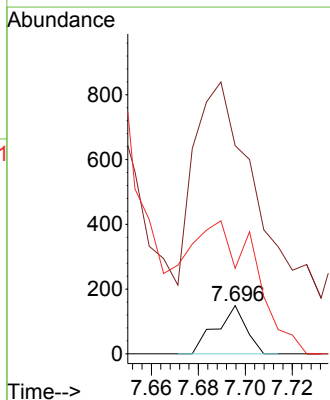
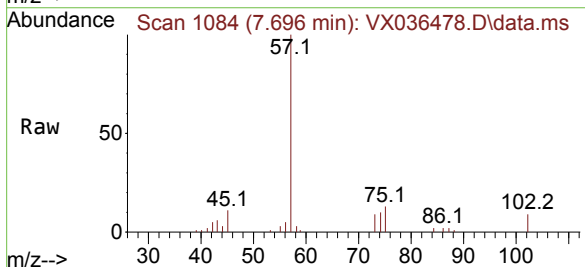
Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

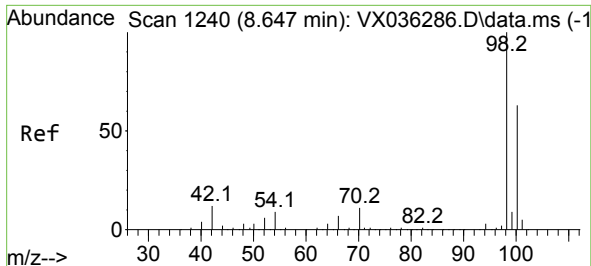
Tgt Ion: 41 Resp: 127393
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 54.4 47.7 71.5



#49
1,4-Dioxane
Concen: 2.416 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.036 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 88 Resp: 132
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 577.3 60.1 90.1#

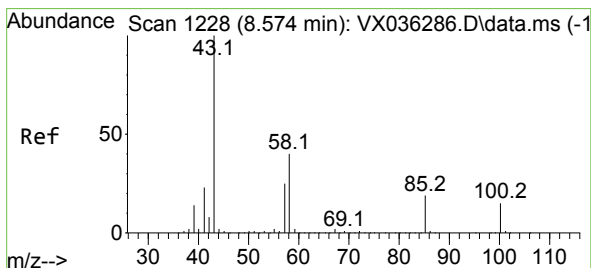
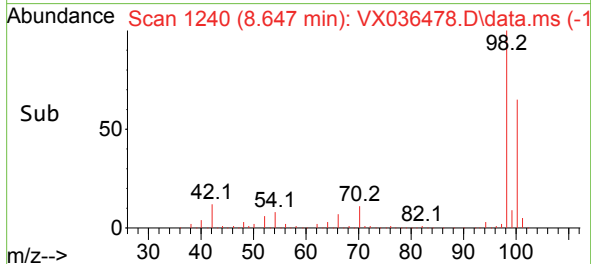
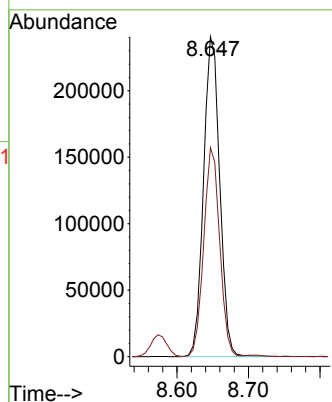
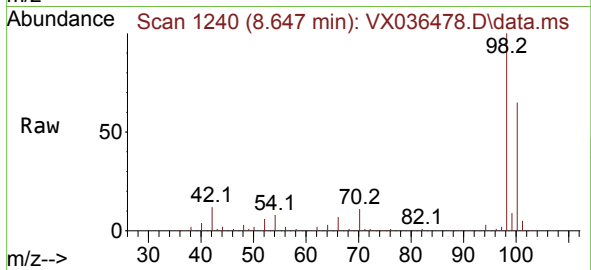




#50
Toluene-d8
Concen: 49.695 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

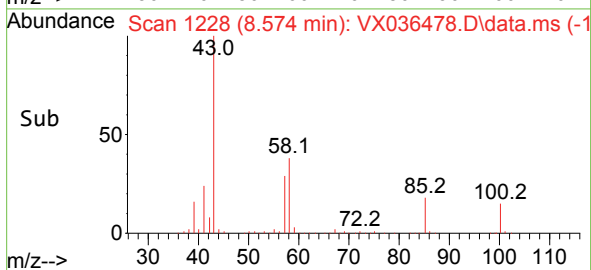
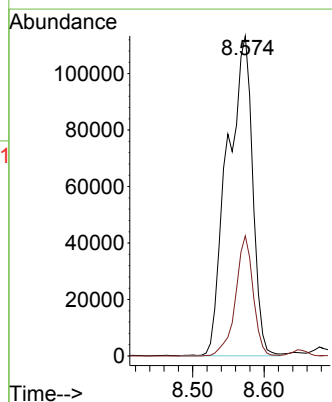
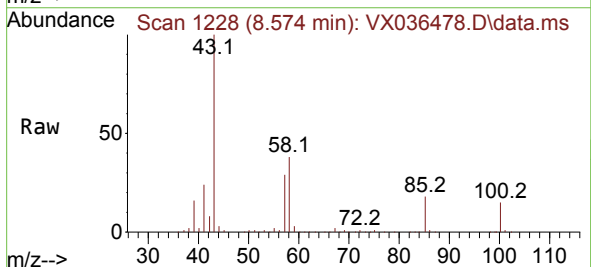
Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

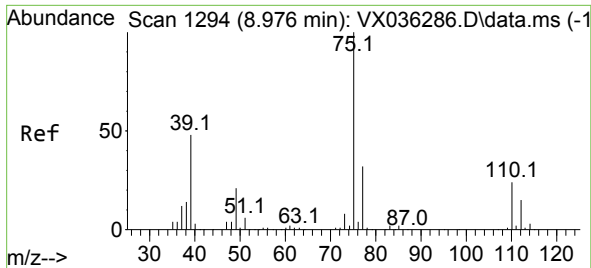
Tgt Ion: 98 Resp: 378479
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 86.961 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 43 Resp: 276884
Ion Ratio Lower Upper
43 100
58 26.3 30.4 45.6#

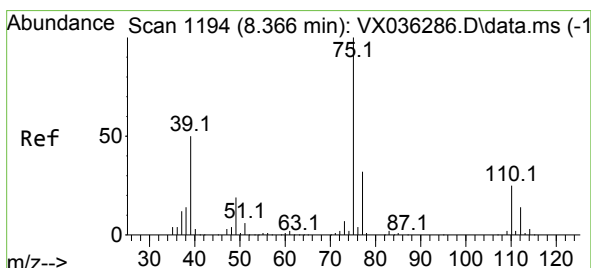
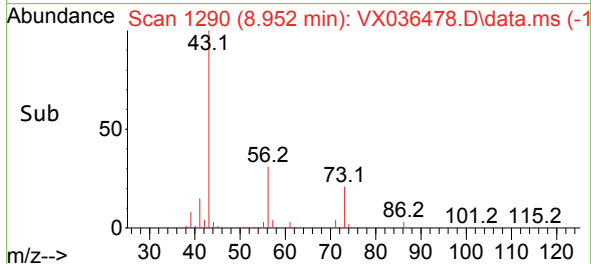
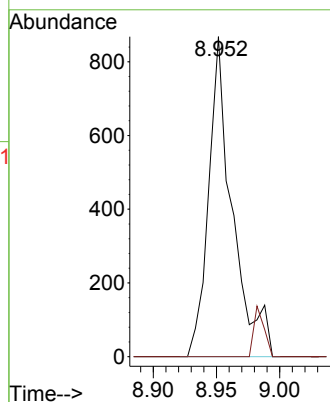
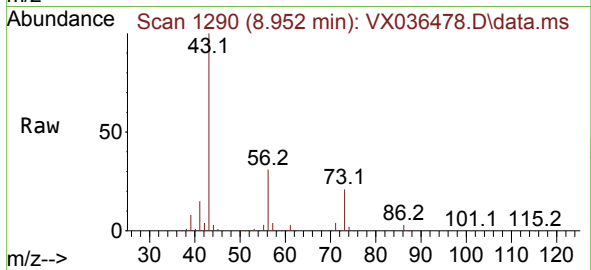




#53
 t-1,3-Dichloropropene
 Concen: 0.379 ug/l
 RT: 8.952 min Scan# 1128
 Delta R.T. -0.024 min
 Lab File: VX036478.D
 Acq: 10 Jul 2023 13:23

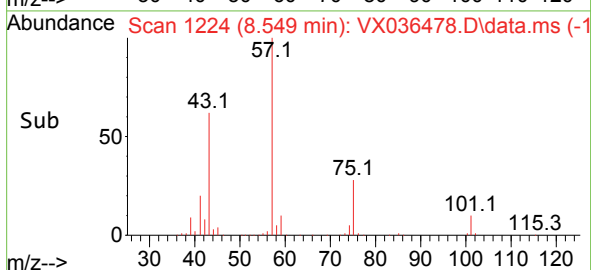
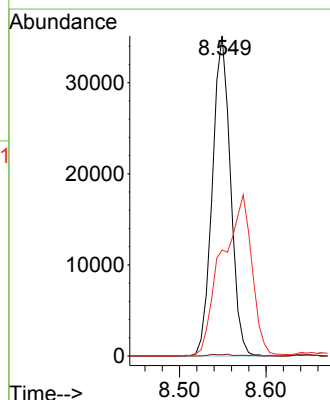
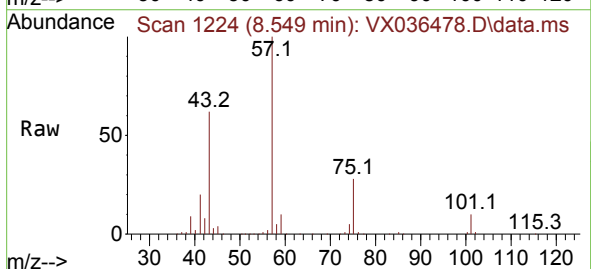
Instrument :
 MSVOA_X
 ClientSampleId :
 PB154051TB

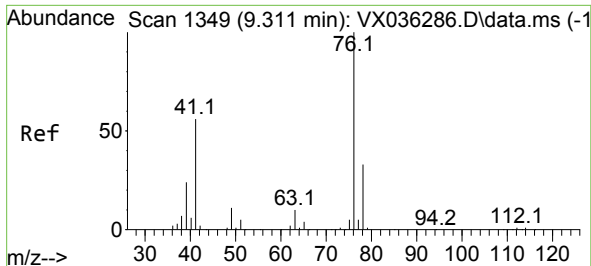
Tgt Ion: 75 Resp: 1128
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 15.210 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX036478.D
 Acq: 10 Jul 2023 13:23

Tgt Ion: 75 Resp: 51126
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.3 37.9#
 39 33.2 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 1.750 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX036478.D

Acq: 10 Jul 2023 13:23

Instrument :

MSVOA_X

ClientSampleId :

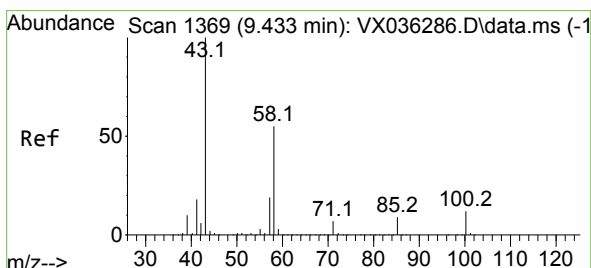
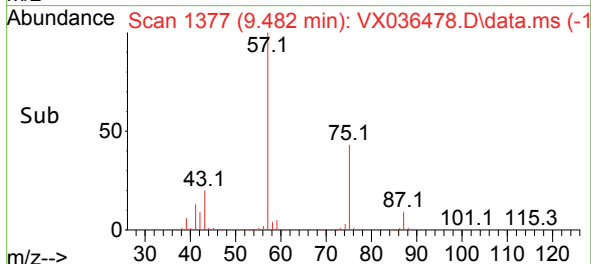
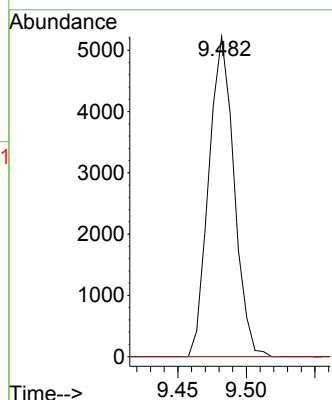
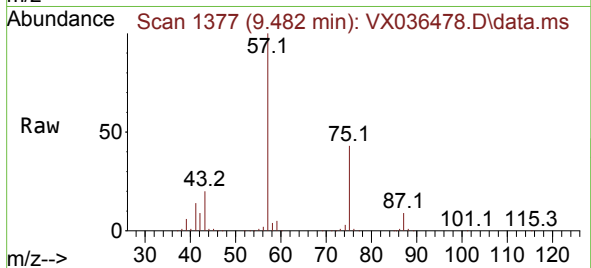
PB154051TB

Tgt Ion: 76 Resp: 6706

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 38.928 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX036478.D

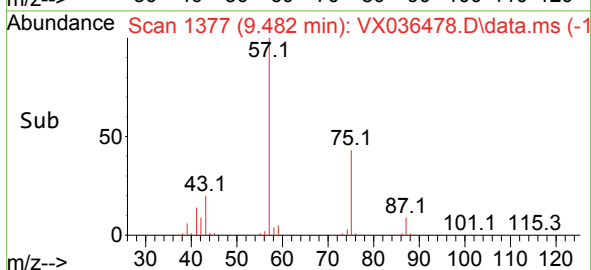
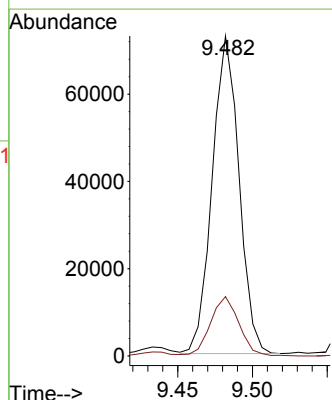
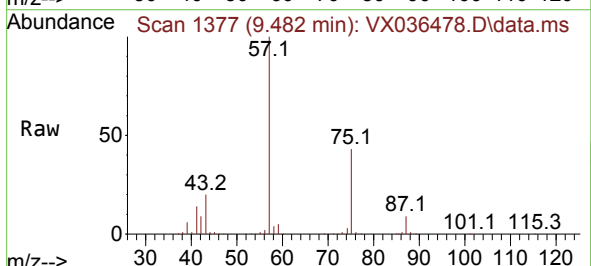
Acq: 10 Jul 2023 13:23

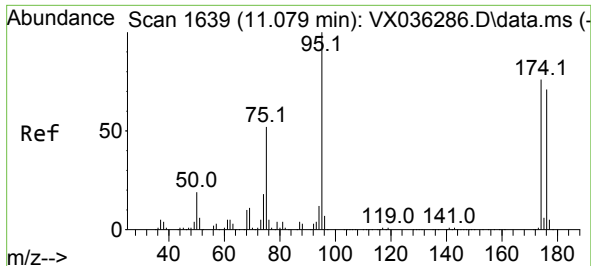
Tgt Ion: 43 Resp: 90513

Ion Ratio Lower Upper

43 100

58 19.9 26.2 78.5#

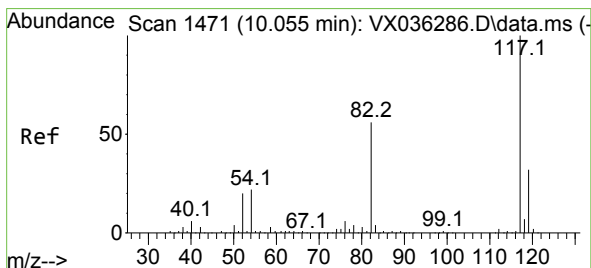
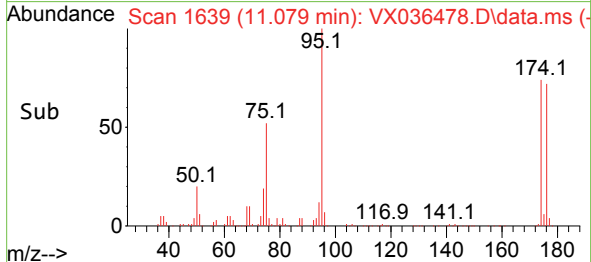
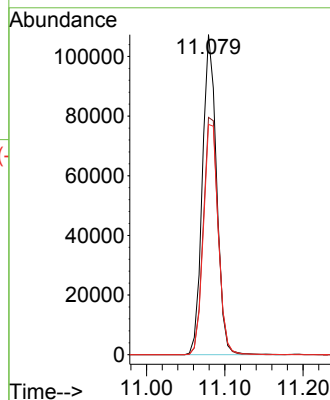
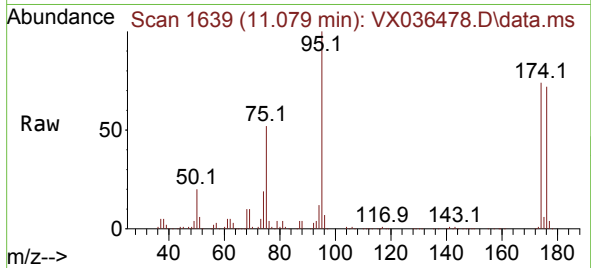




#62
4-Bromofluorobenzene
Concen: 50.219 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

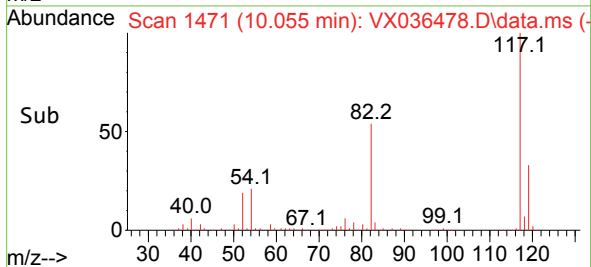
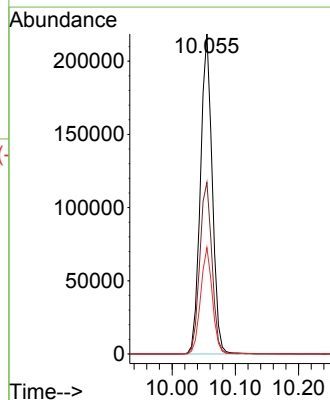
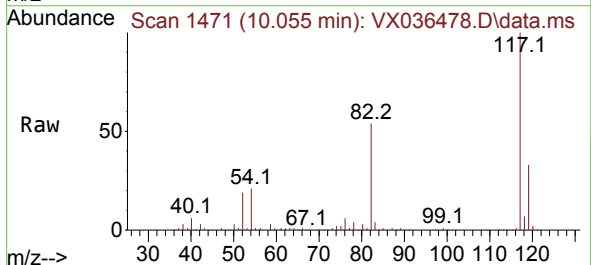
Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

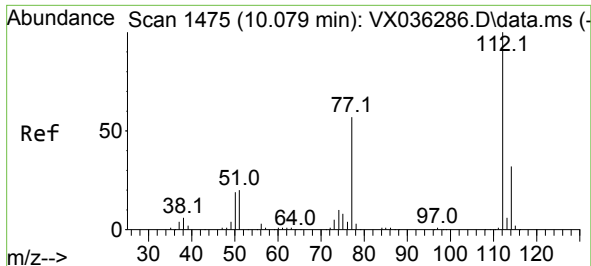
Tgt Ion: 95 Resp: 134718
Ion Ratio Lower Upper
95 100
174 77.6 0.0 135.6
176 75.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 117 Resp: 284244
Ion Ratio Lower Upper
117 100
82 53.6 46.2 69.4
119 33.2 25.5 38.3

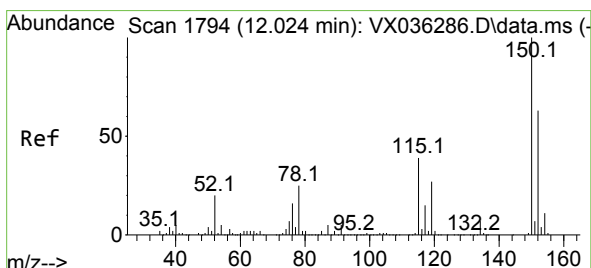
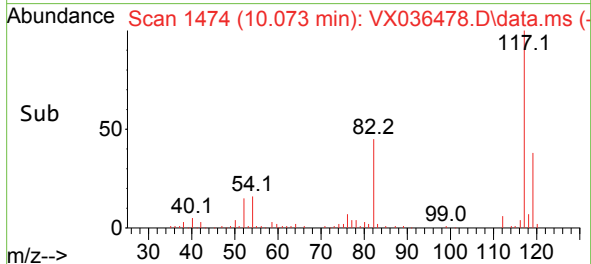
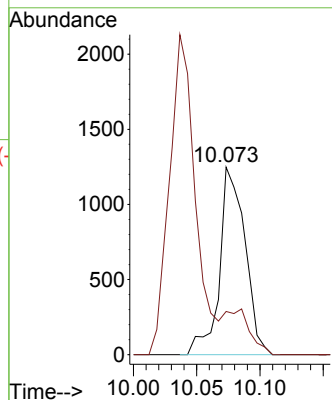
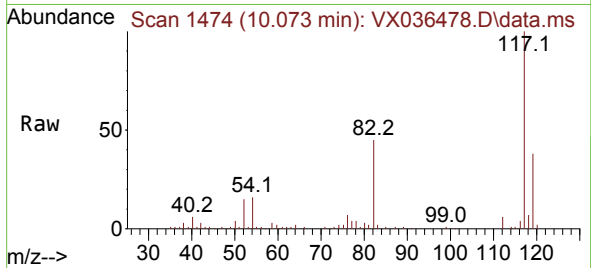




#65
Chlorobenzene
Concen: 0.293 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

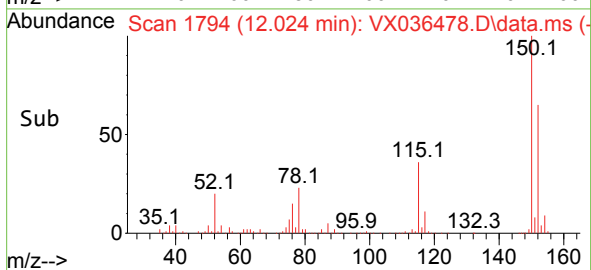
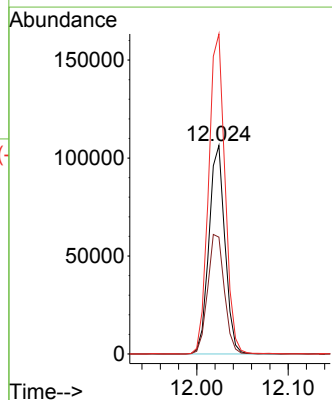
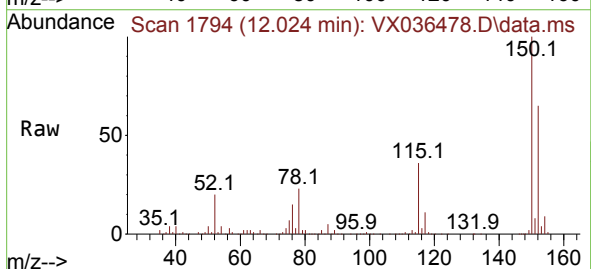
Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

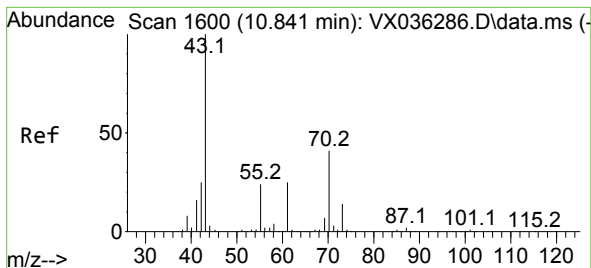
Tgt Ion:112 Resp: 1750
Ion Ratio Lower Upper
112 100
114 23.1 25.7 38.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion:152 Resp: 129358
Ion Ratio Lower Upper
152 100
115 59.7 43.3 129.9
150 157.5 0.0 345.0





#74

N-amy1 acetate

Concen: 0.399 ug/l

RT: 10.817 min Scan# 1

Delta R.T. -0.024 min

Lab File: VX036478.D

Acq: 10 Jul 2023 13:23

Instrument :

MSVOA_X

ClientSampleId :

PB154051TB

Tgt Ion: 43 Resp: 1538

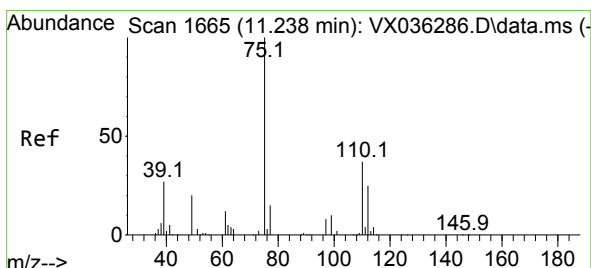
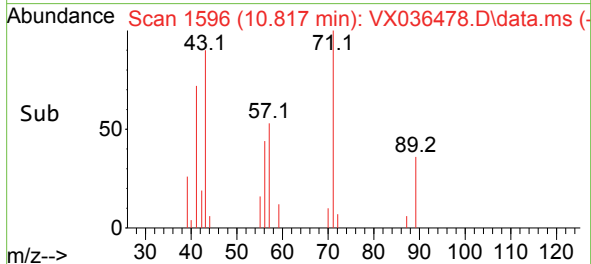
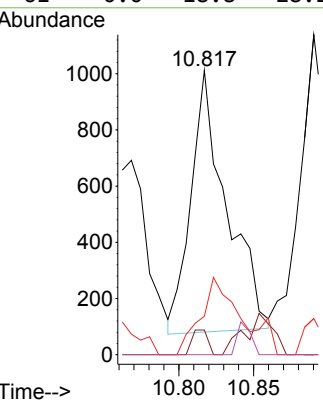
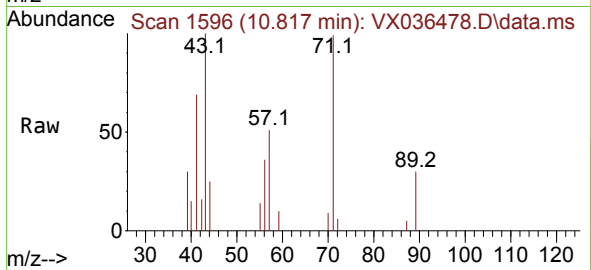
Ion Ratio Lower Upper

43 100

70 4.2 32.9 49.3#

55 34.0 19.3 28.9#

61 0.0 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 24.997 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036478.D

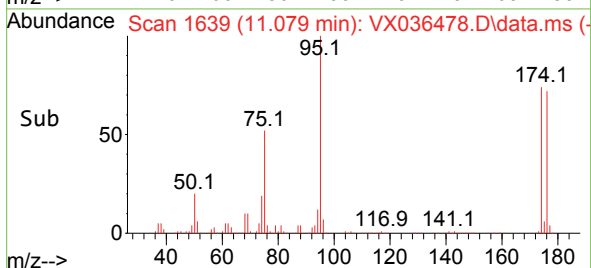
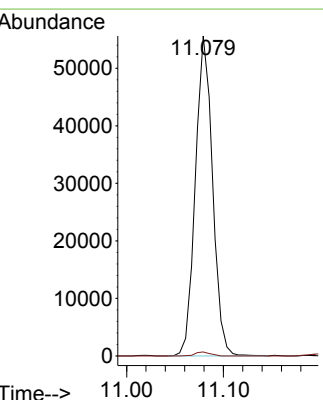
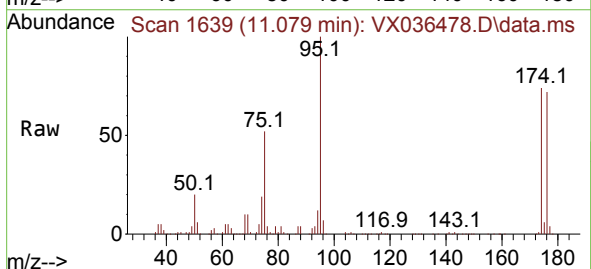
Acq: 10 Jul 2023 13:23

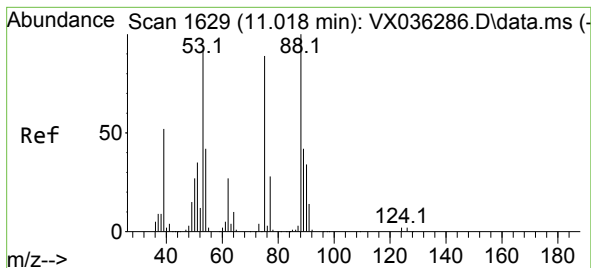
Tgt Ion: 75 Resp: 68974

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

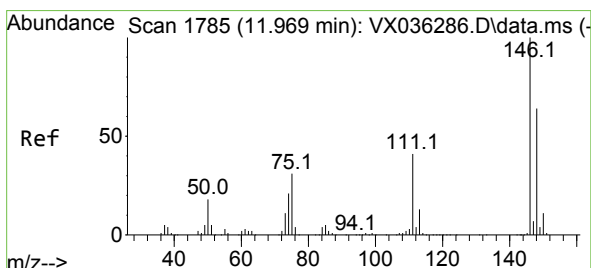
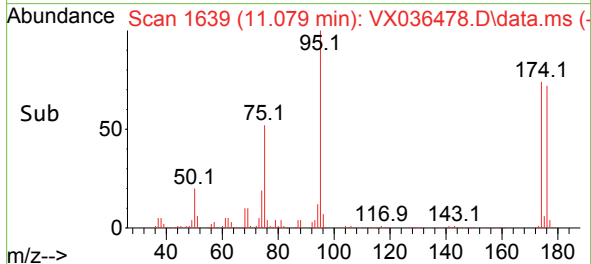
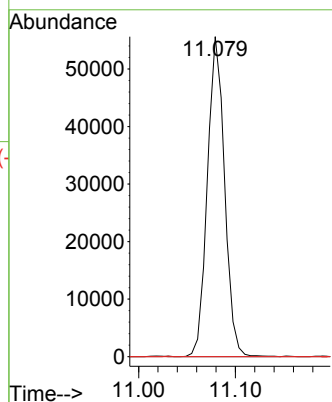
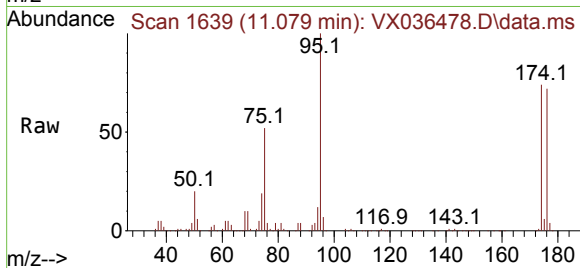




#81
trans-1,4-Dichloro-2-butene
Concen: 81.485 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

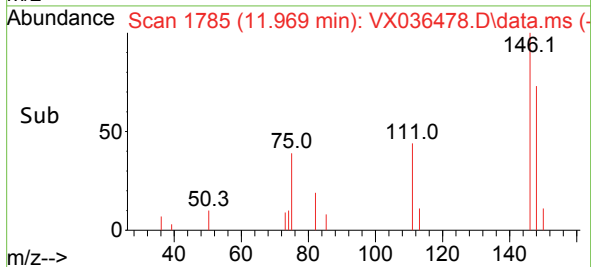
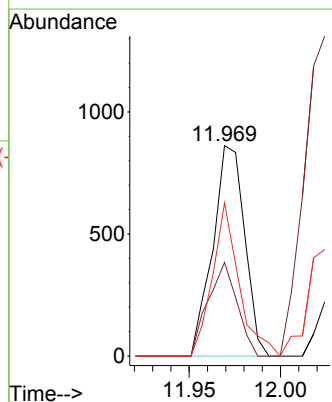
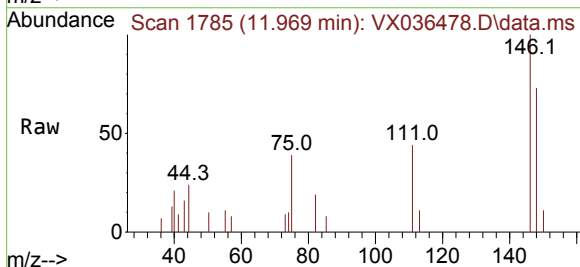
Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

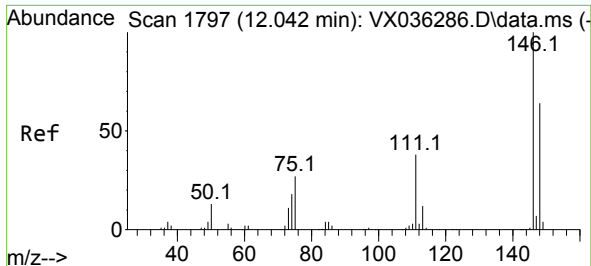
Tgt Ion: 75 Resp: 68974
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.237 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion:146 Resp: 1045
Ion Ratio Lower Upper
146 100
111 40.5 22.1 66.1
148 60.8 31.8 95.3

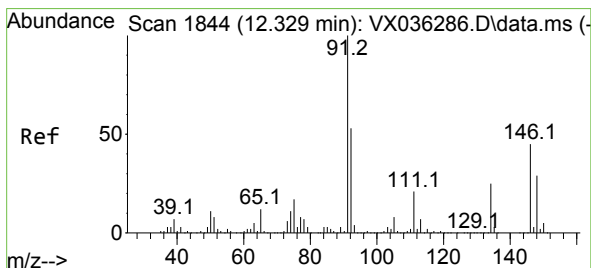
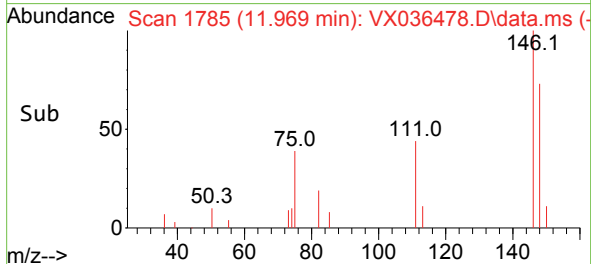
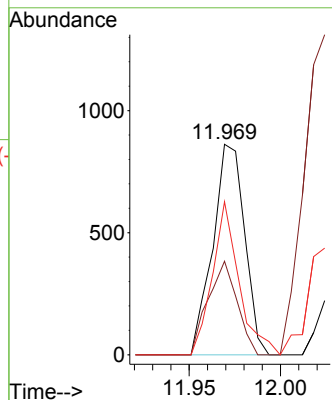
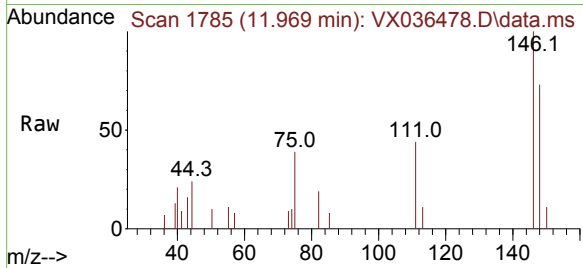




#88
1,4-Dichlorobenzene
Concen: 0.233 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

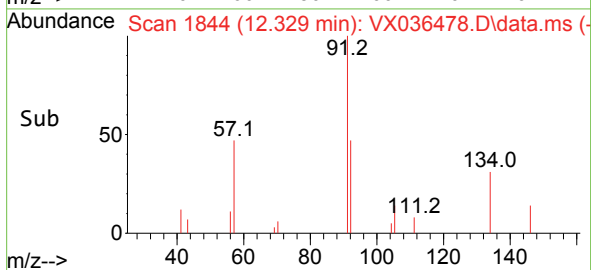
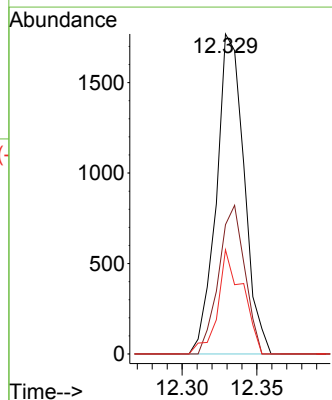
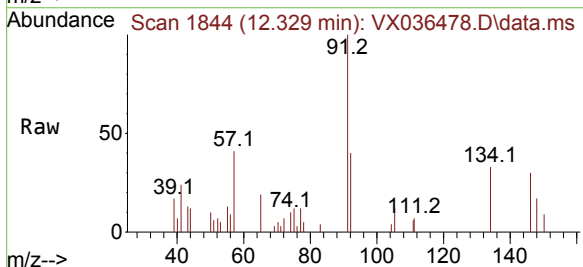
Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

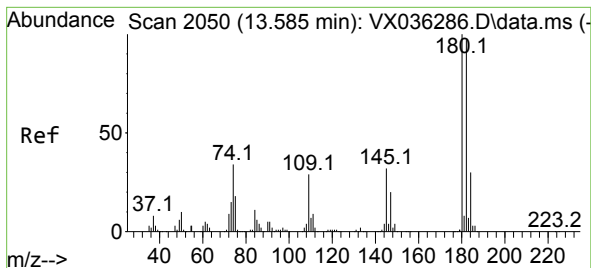
Tgt Ion:146 Resp: 1045
Ion Ratio Lower Upper
146 100
111 40.5 21.3 63.7
148 60.8 31.8 95.4



#89
n-Butylbenzene
Concen: 0.305 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion: 91 Resp: 2281
Ion Ratio Lower Upper
91 100
92 43.6 27.4 82.0
134 29.2 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.499 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX036478.D

Acq: 10 Jul 2023 13:23

Instrument :

MSVOA_X

ClientSampleId :

PB154051TB

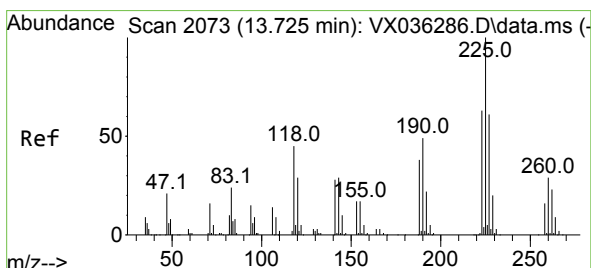
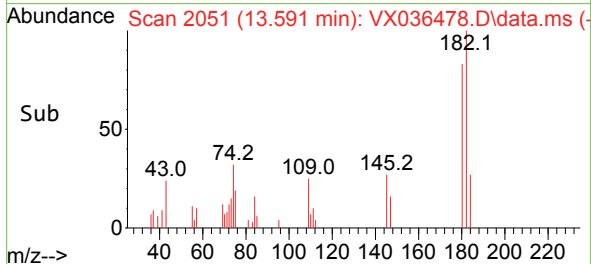
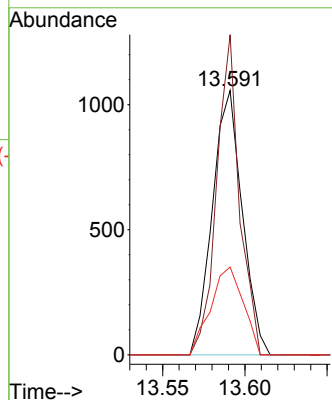
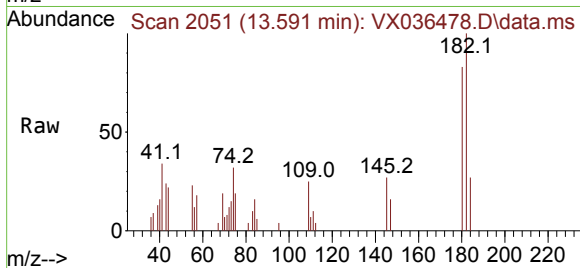
Tgt Ion:180 Resp: 1334

Ion Ratio Lower Upper

180 100

182 92.2 48.3 144.8

145 36.3 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.508 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036478.D

Acq: 10 Jul 2023 13:23

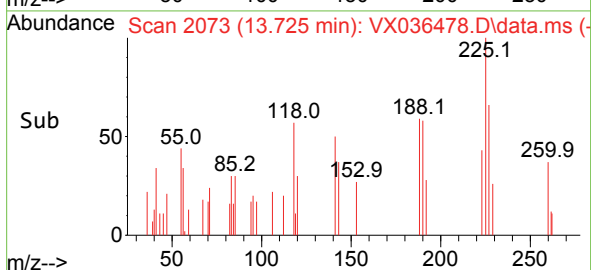
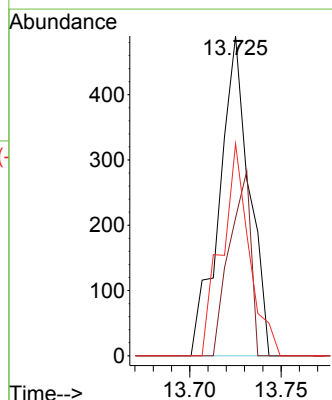
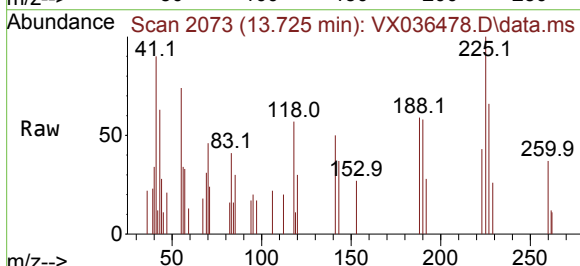
Tgt Ion:225 Resp: 556

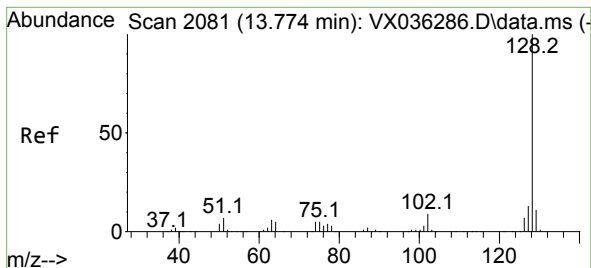
Ion Ratio Lower Upper

225 100

223 41.4 31.1 93.2

227 61.5 32.5 97.5

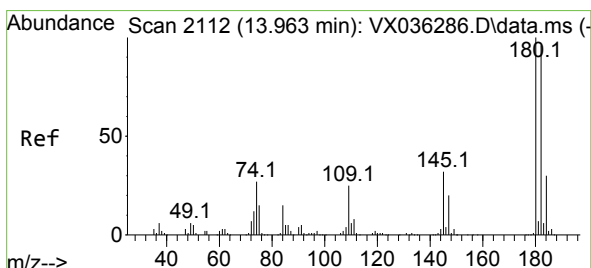
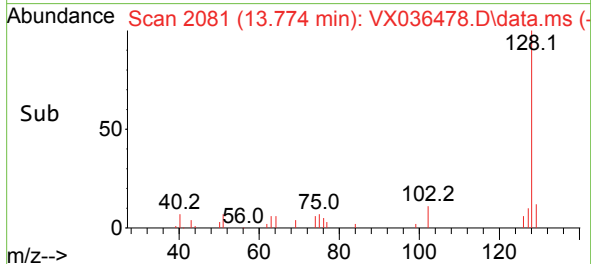
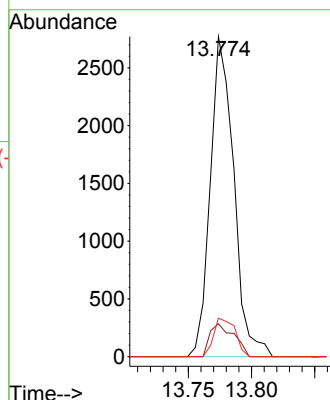
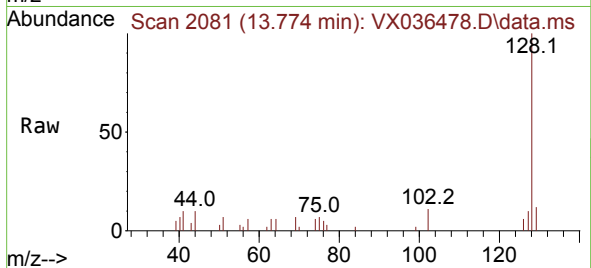




#95
Naphthalene
Concen: 0.405 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Instrument :
MSVOA_X
ClientSampleId :
PB154051TB

Tgt Ion:128 Resp: 3577
Ion Ratio Lower Upper
128 100
127 10.6 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.539 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036478.D
Acq: 10 Jul 2023 13:23

Tgt Ion:180 Resp: 1406
Ion Ratio Lower Upper
180 100
182 85.3 46.9 140.6
145 30.3 17.8 53.5

