

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037103.D
 Acq On : 19 Aug 2023 02:51
 Operator : JC/MD
 Sample : 04071-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7

Quant Time: Aug 21 01:38:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	85093	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198027	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111190	90.637	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 181.280%#	
35) Dibromofluoromethane	5.385	113	80880	61.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 123.340%	
50) Toluene-d8	8.647	98	250705	52.699	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.400%	
62) 4-Bromofluorobenzene	11.079	95	101569	54.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	190	0.405	ug/l	84
11) Tert butyl alcohol	2.947	59	6593	22.911	ug/l #	86
13) Acrolein	2.233	56	553	2.526	ug/l	85
15) Acrylonitrile	3.075	53	401	0.781	ug/l #	89
16) Acetone	2.380	43	30536	63.627	ug/l	93
17) Carbon Disulfide	2.514	76	1696	0.761	ug/l	98
18) Methyl Acetate	2.703	43	2209	1.222	ug/l	94
20) Methylene Chloride	2.788	84	12277	11.439	ug/l	88
21) trans-1,2-Dichloroethene	3.099	96	231	0.232	ug/l #	61
23) Vinyl Acetate	3.727	43	852	0.400	ug/l #	73
25) 2-Butanone	4.568	43	10237	14.166	ug/l	97
29) Tetrahydrofuran	5.032	42	726	1.575	ug/l #	82
37) Ethyl Acetate	4.721	43	3731	1.960	ug/l #	94
38) Carbon Tetrachloride	5.550	117	9077	4.485	ug/l #	15
40) Benzene	6.038	78	70051	13.109	ug/l	95
41) Methacrylonitrile	5.019	41	272	0.275	ug/l #	43
43) Isopropyl Acetate	6.336	43	108925	36.047	ug/l #	93
48) Methyl methacrylate	7.799	41	89615	60.811	ug/l #	48
49) 1,4-Dioxane	7.665	88	33	0.831	ug/l #	12
51) 4-Methyl-2-Pentanone	8.549	43	108557	59.162	ug/l #	37
52) Toluene	8.720	92	47841	13.550	ug/l	96
53) t-1,3-Dichloropropene	8.958	75	954	0.451	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	43846	19.166	ug/l #	52
58) 2-Chloroethyl Vinyl ether	8.251	63	432	0.400	ug/l #	55
59) 2-Hexanone	9.482	43	62145	44.419	ug/l #	56
64) Tetrachloroethene	9.281	164	317	0.220	ug/l #	79
67) Ethyl Benzene	10.195	91	7249	0.989	ug/l	94
68) m/p-Xylenes	10.299	106	13038	4.606	ug/l	98
69) o-Xylene	10.640	106	8710	3.119	ug/l	97
70) Styrene	10.659	104	8609	1.871	ug/l	95
73) Isopropylbenzene	10.963	105	1450	0.229	ug/l	95
74) N-amyl acetate	10.775	43	914	0.372	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	52596	28.411	ug/l #	38
78) n-propylbenzene	11.305	91	2428	0.345	ug/l	100
79) 2-Chlorotoluene	11.366	91	1261	0.280	ug/l	84
80) 1,3,5-Trimethylbenzene	11.451	105	3000	0.569	ug/l	90

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

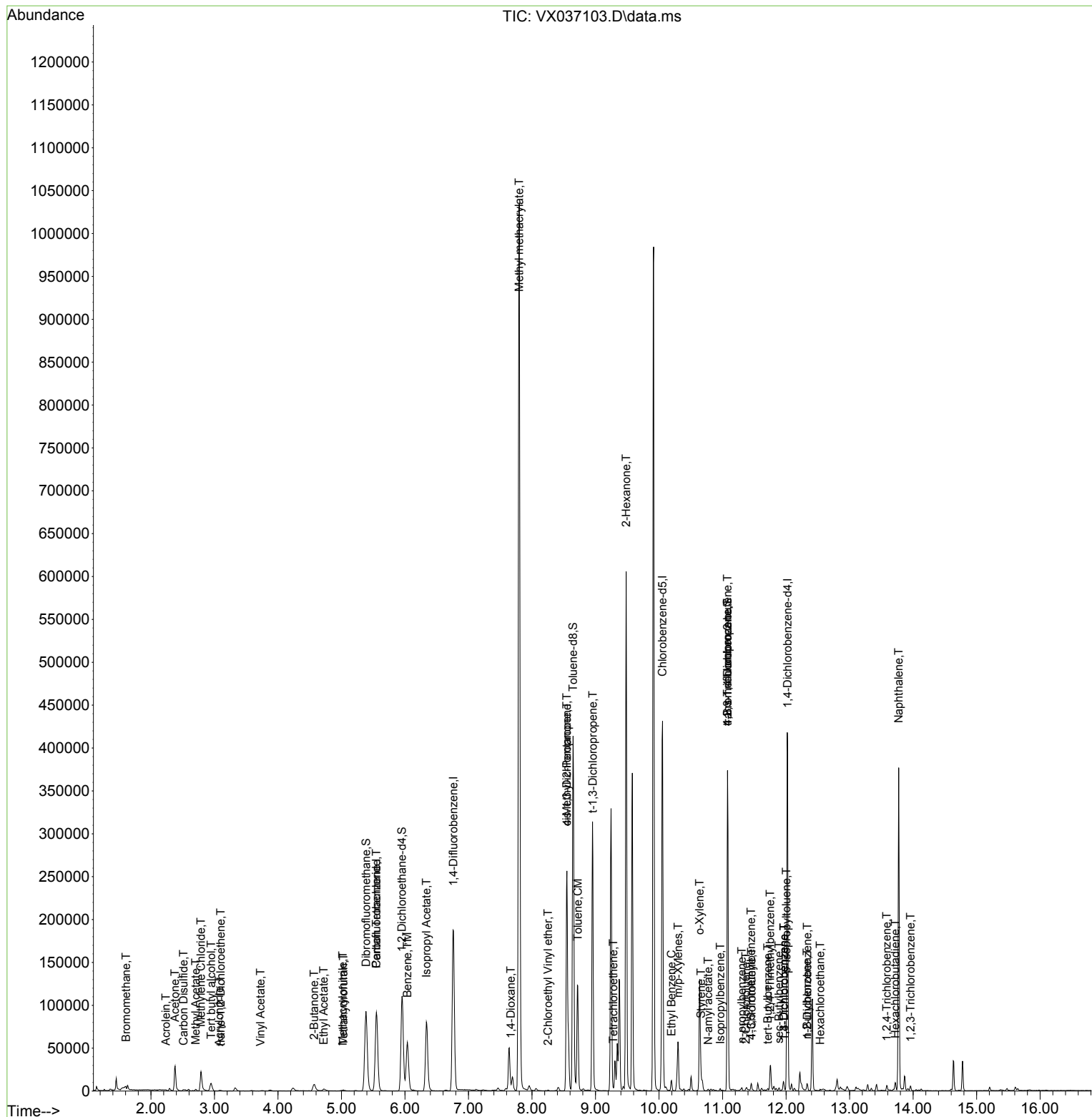
81) trans-1,4-Dichloro-2-b...	11.079	75	52596	79.353	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1868	0.360	ug/l	89
83) tert-Butylbenzene	11.713	119	1008	0.201	ug/l	84
84) 1,2,4-Trimethylbenzene	11.750	105	11304	2.122	ug/l	76
85) sec-Butylbenzene	11.890	105	2235	0.381	ug/l	96
86) p-Isopropyltoluene	12.006	119	2065	0.409	ug/l #	81
87) 1,3-Dichlorobenzene	11.969	146	1058	0.366	ug/l	96
88) 1,4-Dichlorobenzene	11.969	146	1058	0.354	ug/l	94
89) n-Butylbenzene	12.329	91	2702	0.645	ug/l	93
90) Hexachloroethane	12.536	117	304	0.360	ug/l	59
91) 1,2-Dichlorobenzene	12.335	146	847	0.299	ug/l	88
93) 1,2,4-Trichlorobenzene	13.585	180	1393	0.842	ug/l	87
94) Hexachlorobutadiene	13.719	225	758	1.185	ug/l	92
95) Naphthalene	13.774	128	220672	30.434	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1343	0.817	ug/l	98

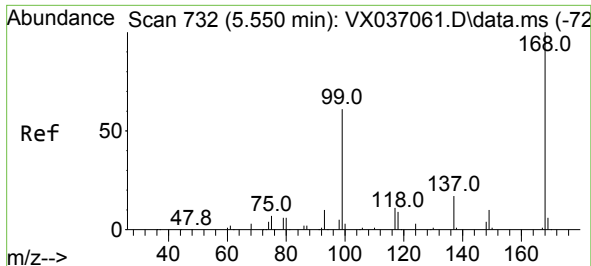
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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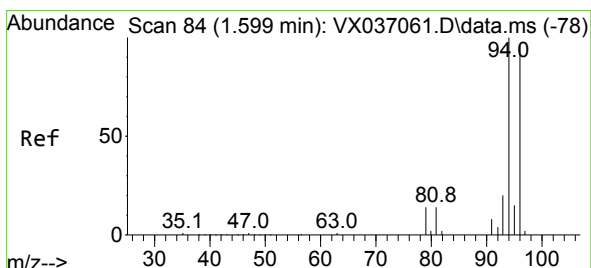
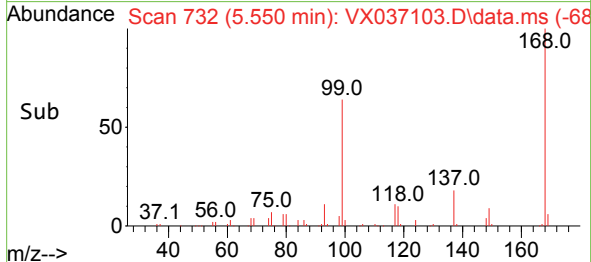
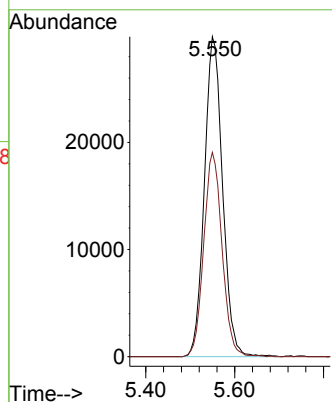
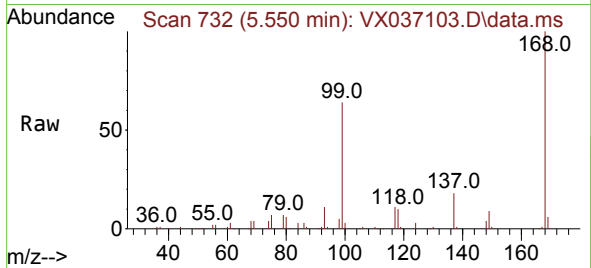




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037103.D
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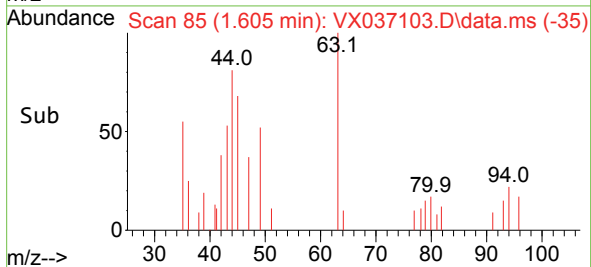
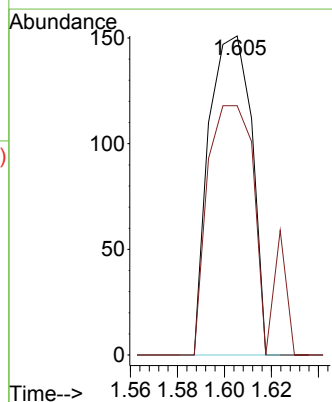
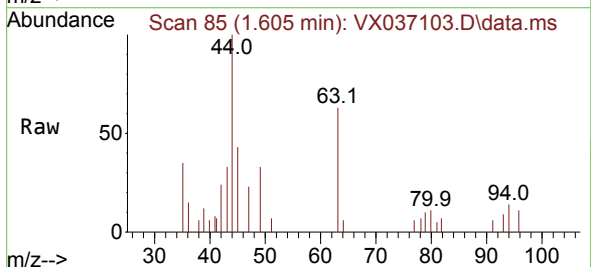
Instrument :
MSVOA_X
ClientSampleId :
SB-7

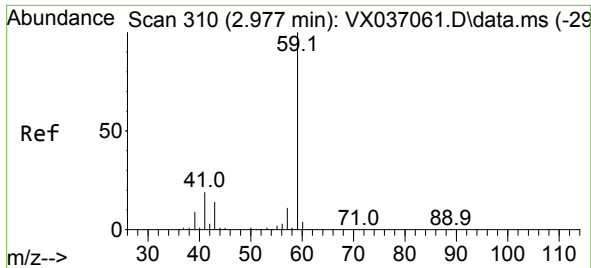
Tgt Ion:168 Resp: 85093
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#5
Bromomethane
Concen: 0.405 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 94 Resp: 190
Ion Ratio Lower Upper
94 100
96 78.1 74.6 111.8

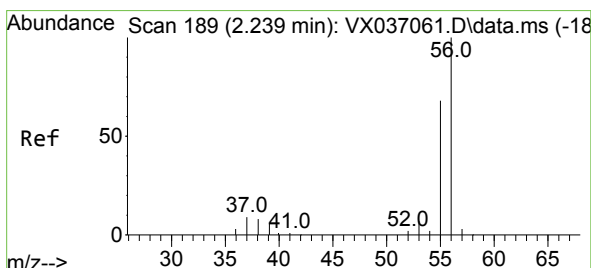
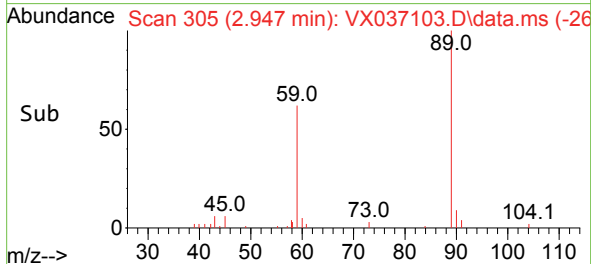
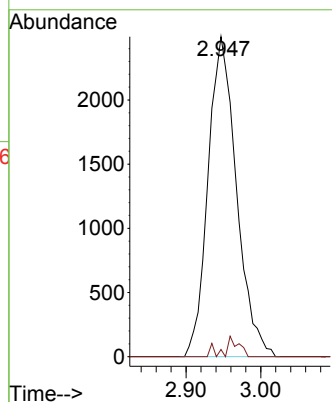
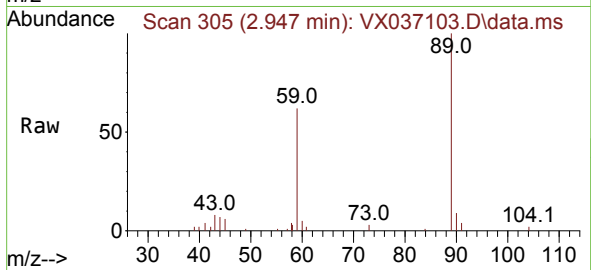




#11
Tert butyl alcohol
Concen: 22.911 ug/l
RT: 2.947 min Scan# 30
Delta R.T. -0.030 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

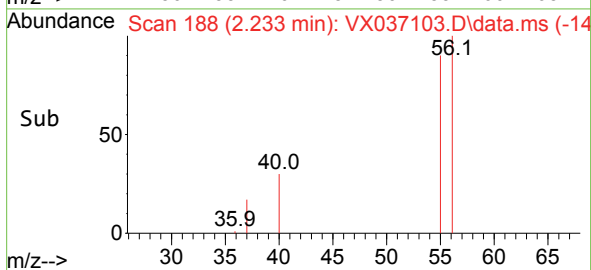
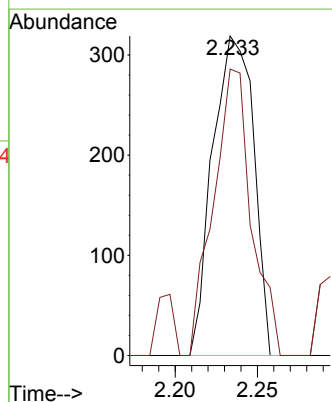
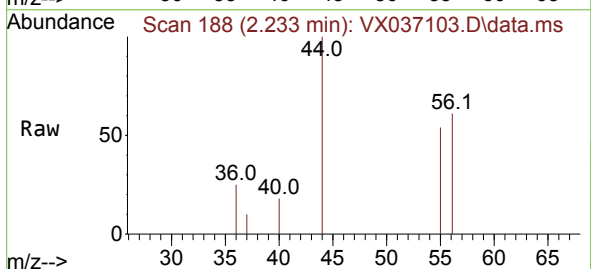
Instrument :
MSVOA_X
ClientSampleId :
SB-7

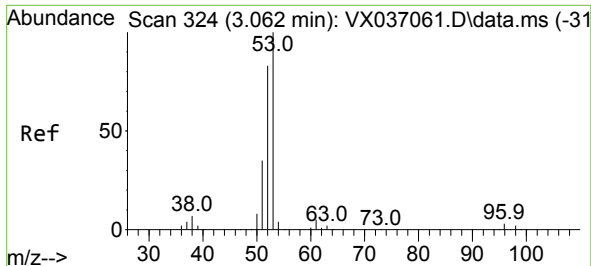
Tgt Ion: 59 Resp: 6593
Ion Ratio Lower Upper
59 100
57 2.6 6.0 9.0#



#13
Acrolein
Concen: 2.526 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 56 Resp: 553
Ion Ratio Lower Upper
56 100
55 83.7 57.1 85.7

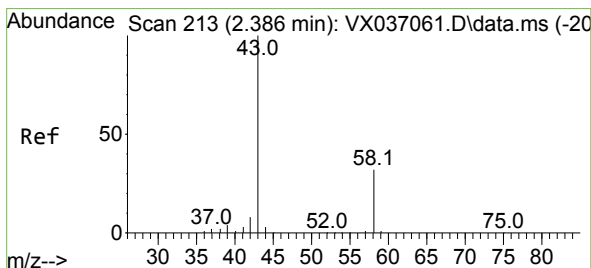
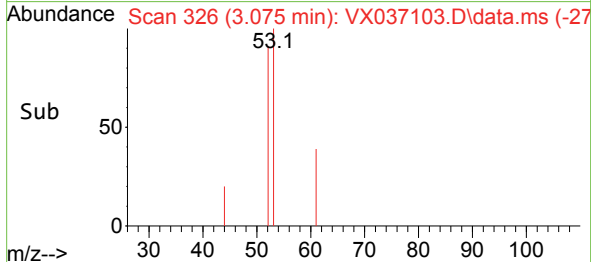
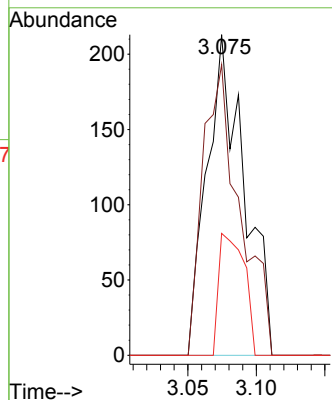
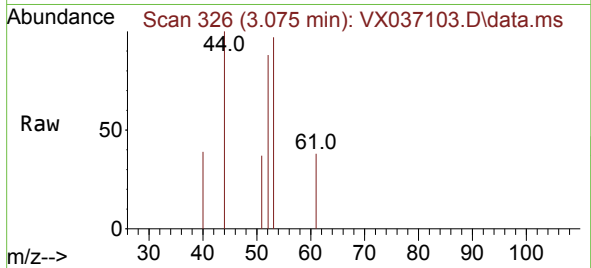




#15
Acrylonitrile
Concen: 0.781 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

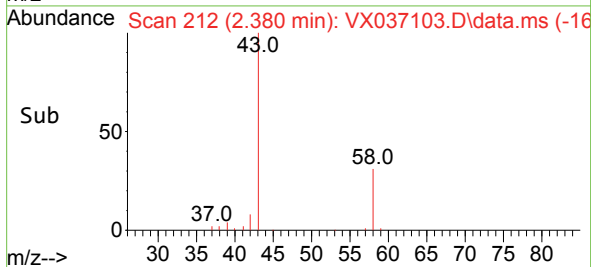
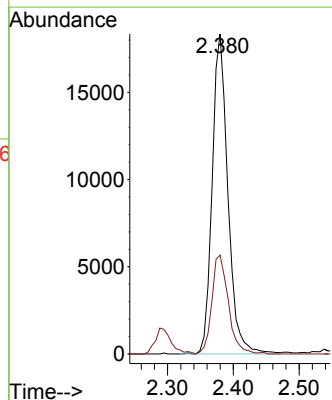
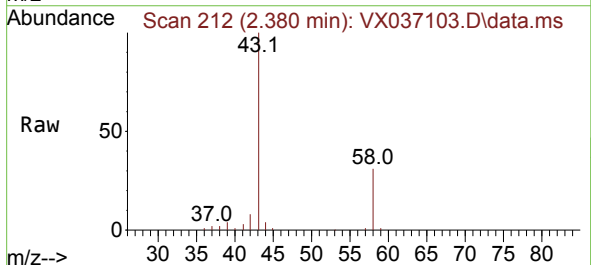
Instrument :
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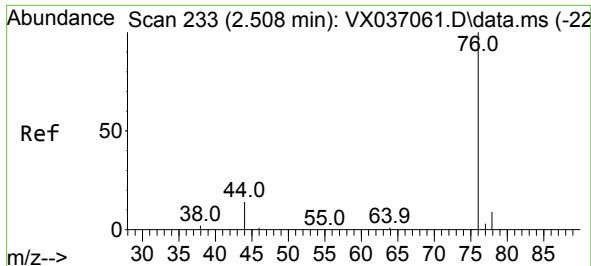
Tgt Ion: 53 Resp: 401
Ion Ratio Lower Upper
53 100
52 89.8 66.0 99.0
51 25.9 29.8 44.6#



#16
Acetone
Concen: 63.627 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 43 Resp: 30536
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9

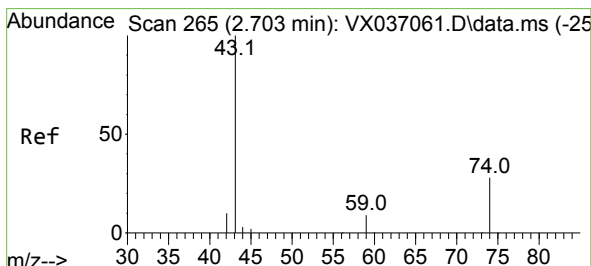
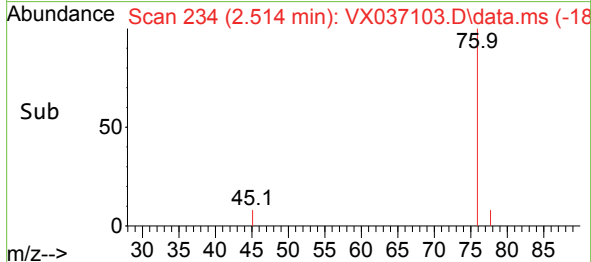
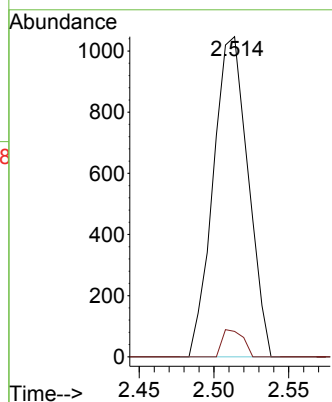
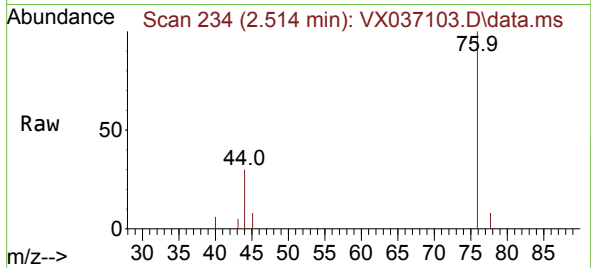




#17
Carbon Disulfide
Concen: 0.761 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

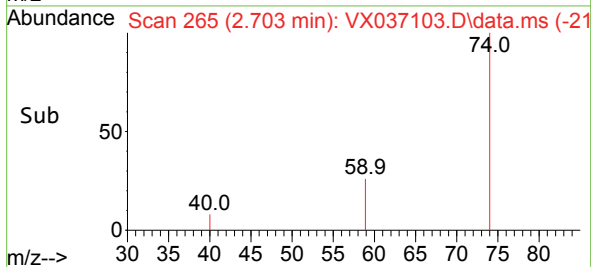
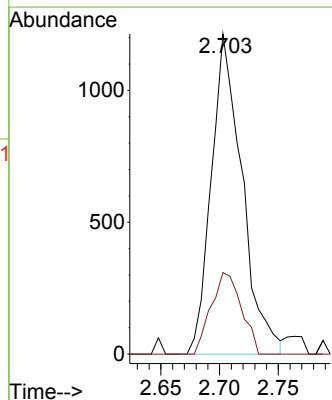
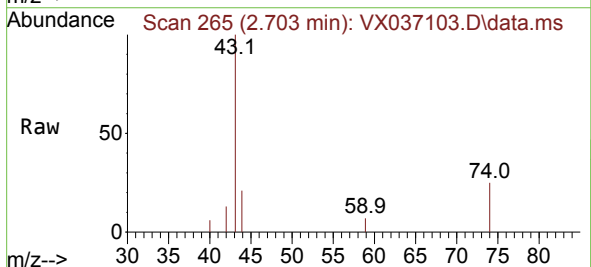
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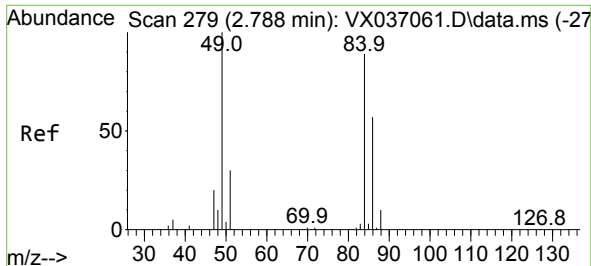
Tgt Ion: 76 Resp: 1696
Ion Ratio Lower Upper
76 100
78 7.9 7.0 10.6



#18
Methyl Acetate
Concen: 1.222 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 43 Resp: 2209
Ion Ratio Lower Upper
43 100
74 25.1 17.8 26.8

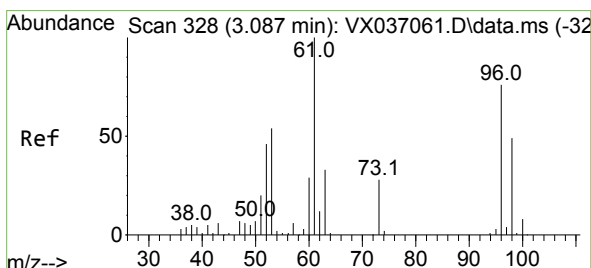
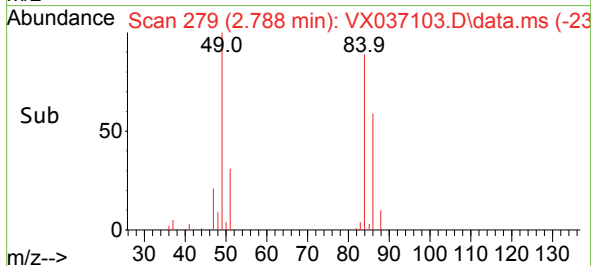
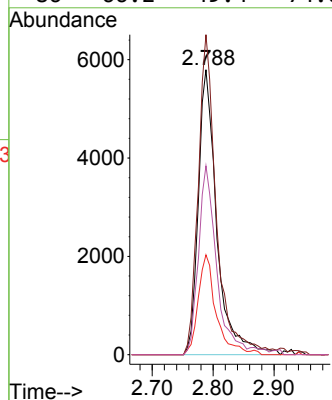
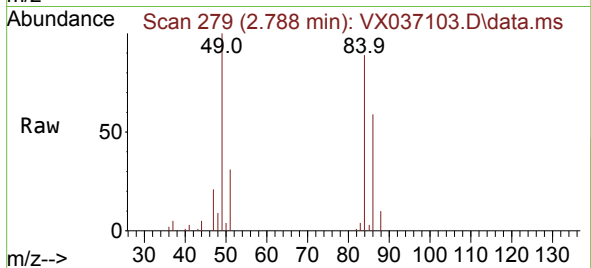




#20
Methylene Chloride
Concen: 11.439 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

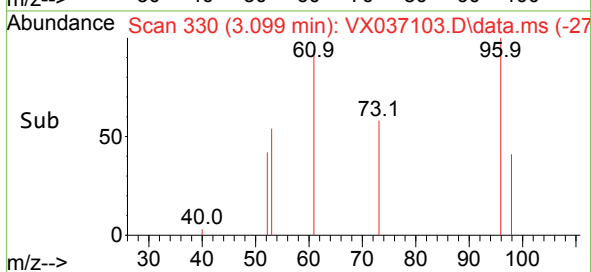
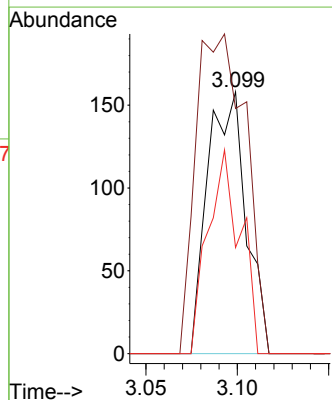
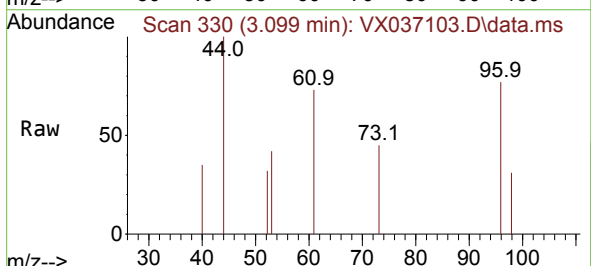
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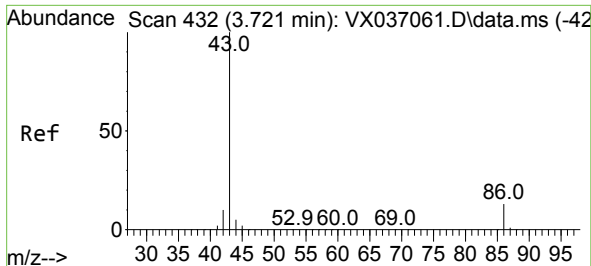
Tgt Ion:	84	Resp:	12277
Ion	Ratio	Lower	Upper
84	100		
49	112.3	103.6	155.4
51	35.0	33.8	50.6
86	66.2	49.4	74.0



#21
trans-1,2-Dichloroethene
Concen: 0.232 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.012 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion:	96	Resp:	231
Ion	Ratio	Lower	Upper
96	100		
61	93.7	119.2	178.8#
98	40.5	48.7	73.1#

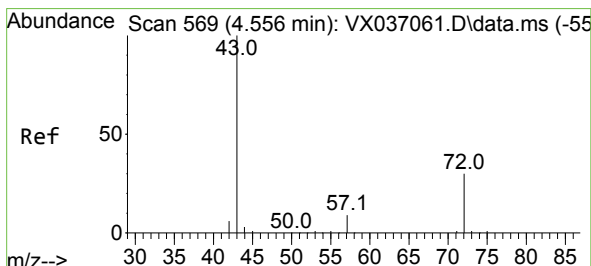
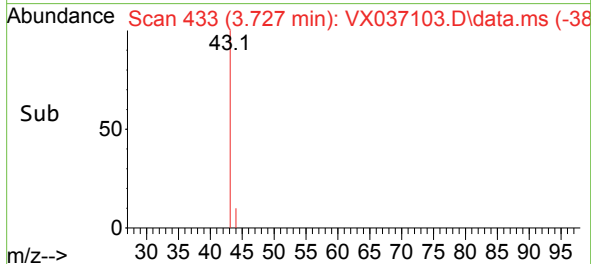
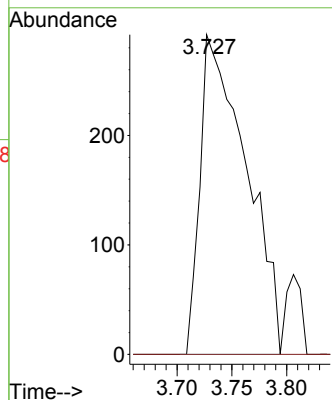
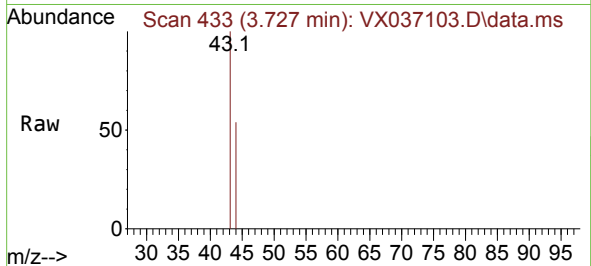




#23
 Vinyl Acetate
 Concen: 0.400 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX037103.D
 Acq: 19 Aug 2023 02:51

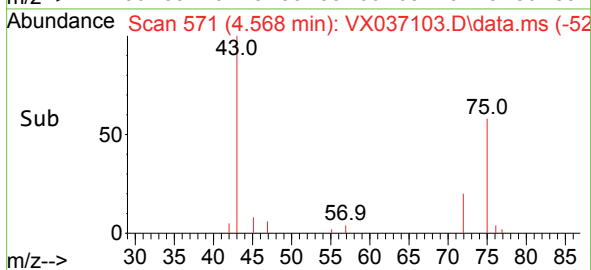
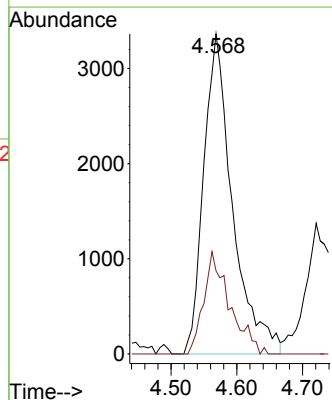
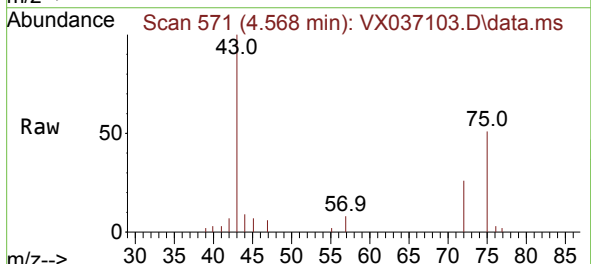
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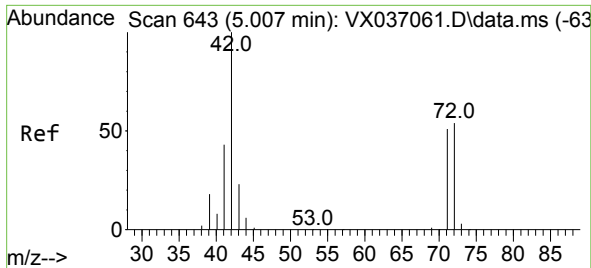
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 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#25
 2-Butanone
 Concen: 14.166 ug/l
 RT: 4.568 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: VX037103.D
 Acq: 19 Aug 2023 02:51

Tgt Ion: 43 Resp: 10237
 Ion Ratio Lower Upper
 43 100
 72 26.0 19.4 29.2

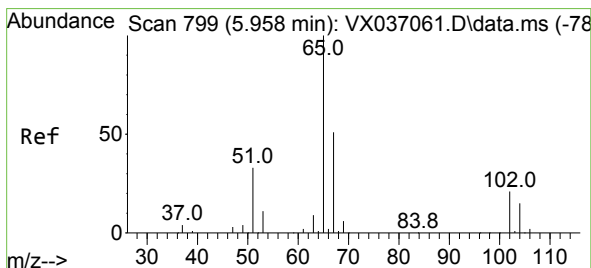
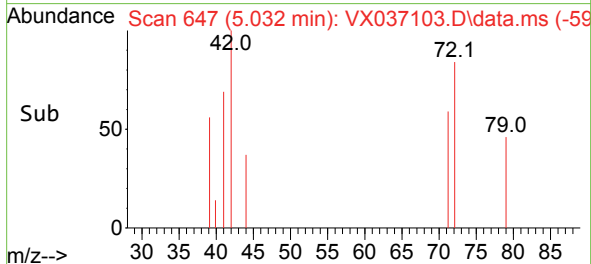
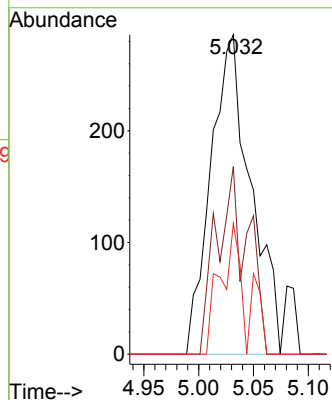
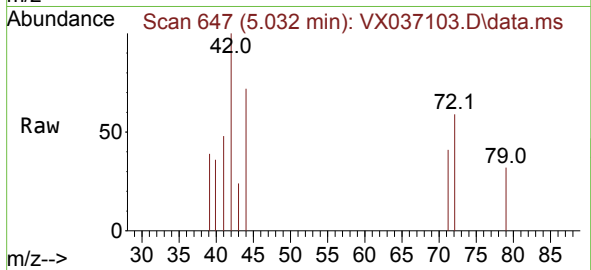




#29
Tetrahydrofuran
Concen: 1.575 ug/l
RT: 5.032 min Scan# 643
Delta R.T. 0.024 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

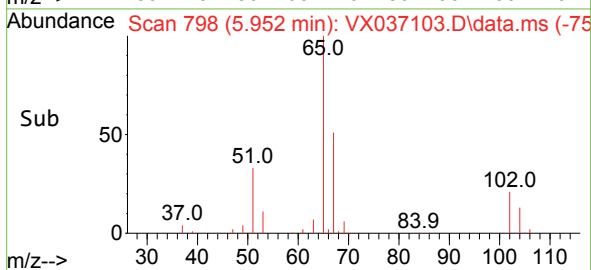
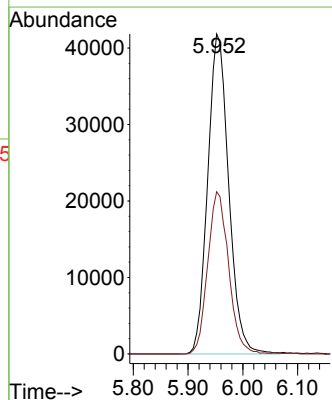
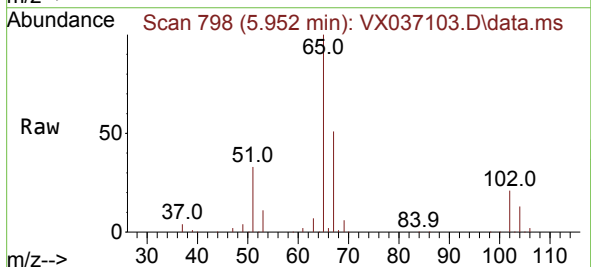
Instrument :
MSVOA_X
ClientSampleId :
SB-7

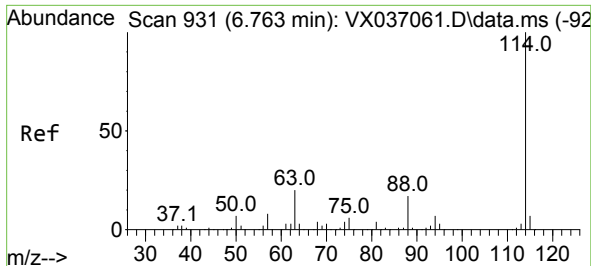
Tgt Ion:	42	Resp:	726
Ion	Ratio	Lower	Upper
42	100		
72	46.0	34.2	51.4
71	20.0	32.2	48.2



#33
1,2-Dichloroethane-d4
Concen: 90.637 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion:	65	Resp:	111190
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	100.2

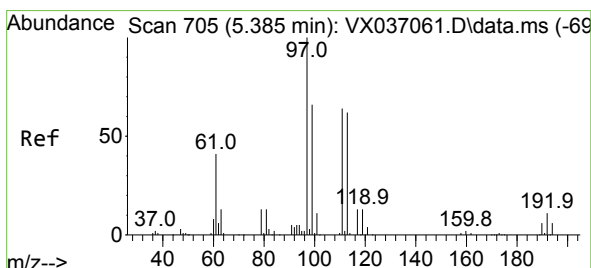
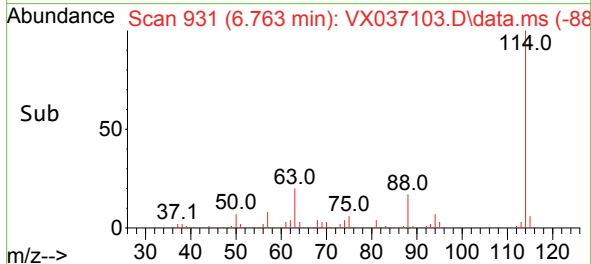
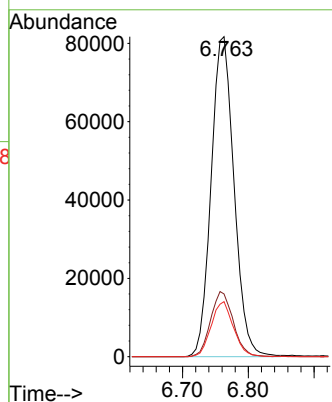
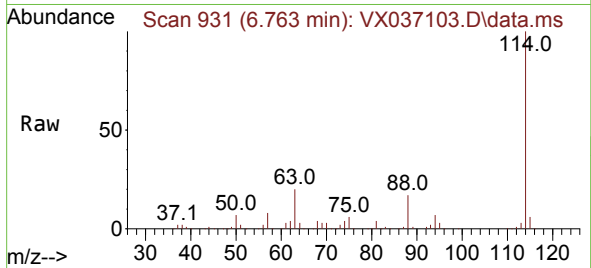




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

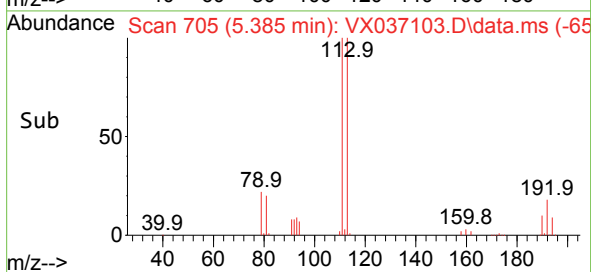
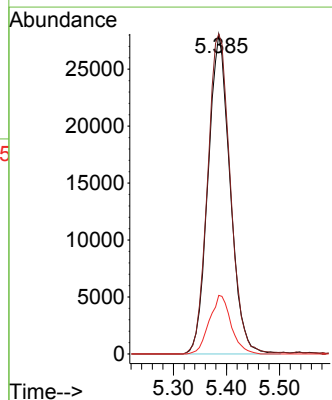
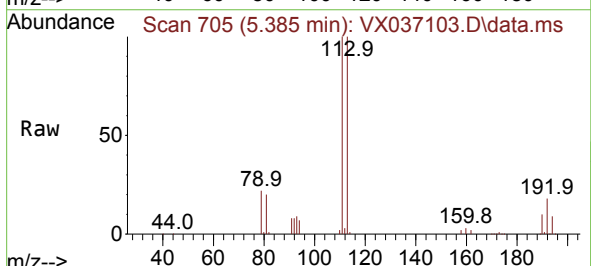
Instrument :
MSVOA_X
ClientSampleId :
SB-7

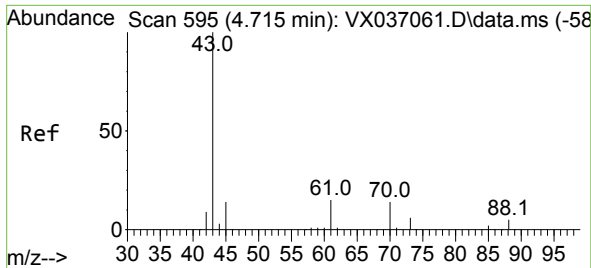
Tgt Ion:114 Resp: 198027
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 61.670 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion:113 Resp: 80880
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 18.0 13.3 19.9





#37

Ethyl Acetate

Concen: 1.960 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

SB-7

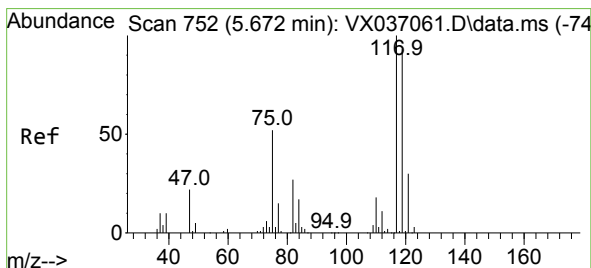
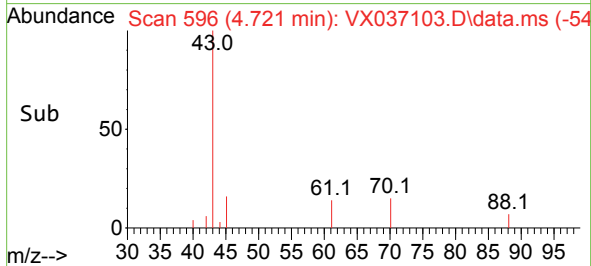
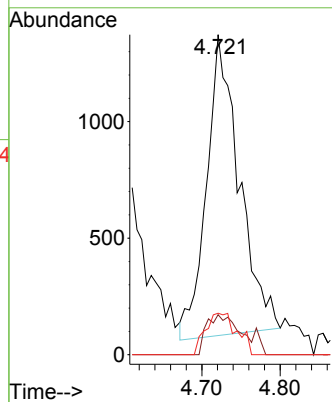
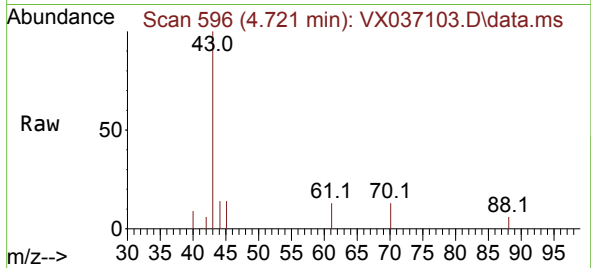
Tgt Ion: 43 Resp: 3731

Ion Ratio Lower Upper

43 100

61 14.9 10.6 16.0

70 13.3 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 4.485 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.122 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

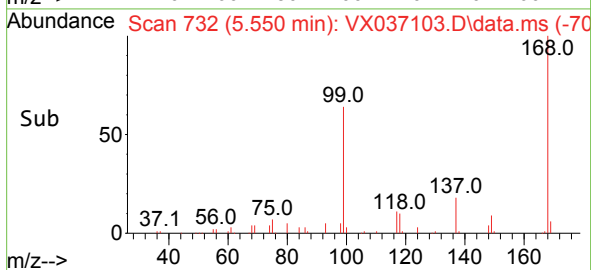
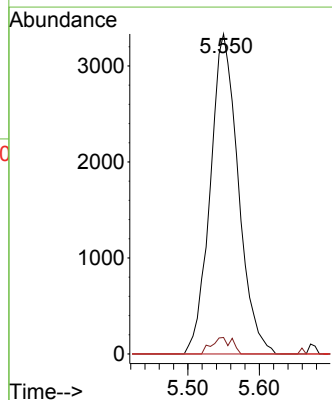
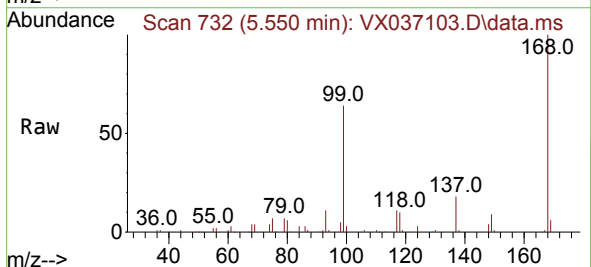
Tgt Ion: 117 Resp: 9077

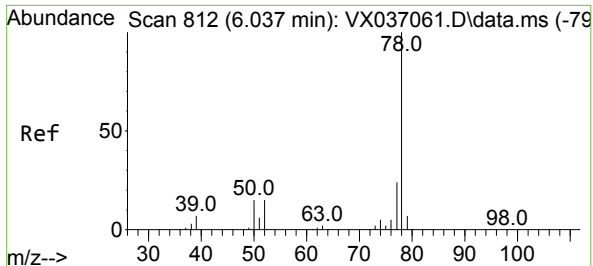
Ion Ratio Lower Upper

117 100

119 5.2 78.2 117.2#

121 0.0 24.4 36.6#





#40

Benzene

Concen: 13.109 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

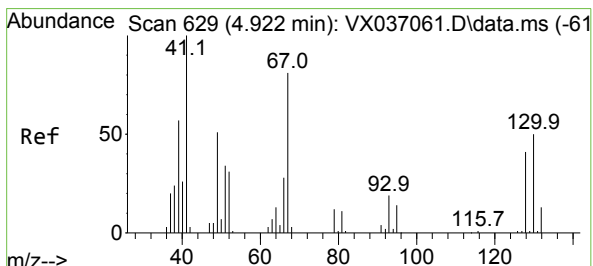
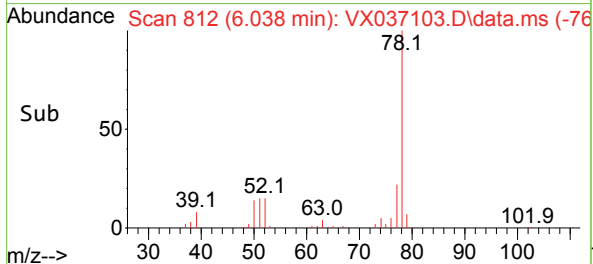
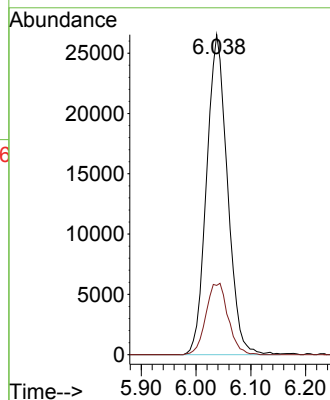
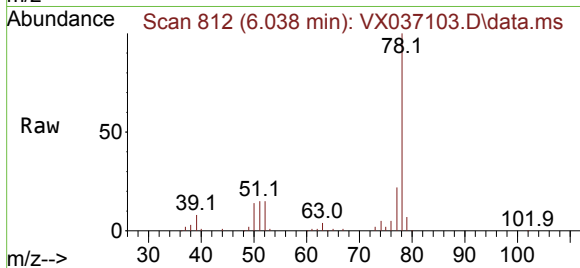
SB-7

Tgt Ion: 78 Resp: 70051

Ion Ratio Lower Upper

78 100

77 21.6 19.3 28.9



#41

Methacrylonitrile

Concen: 0.275 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.098 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Tgt Ion: 41 Resp: 272

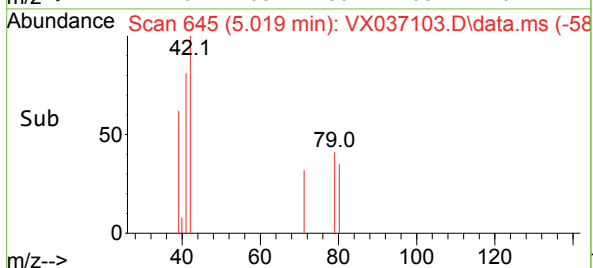
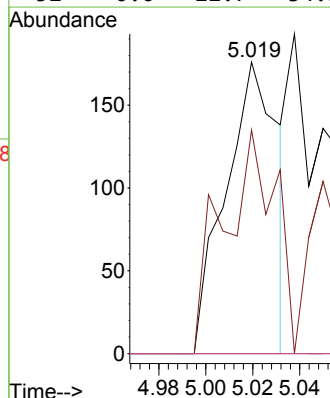
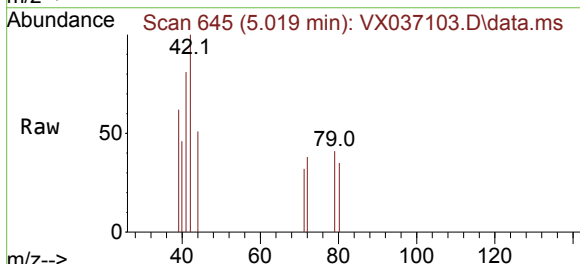
Ion Ratio Lower Upper

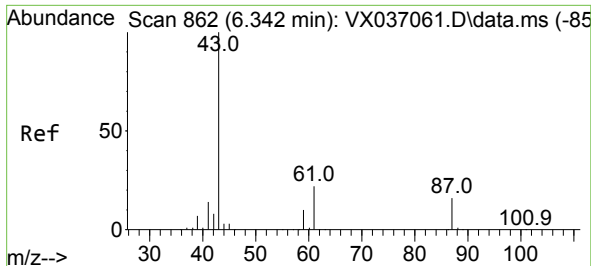
41 100

39 76.8 45.2 67.8#

67 0.0 52.6 78.8#

52 0.0 22.7 34.1#

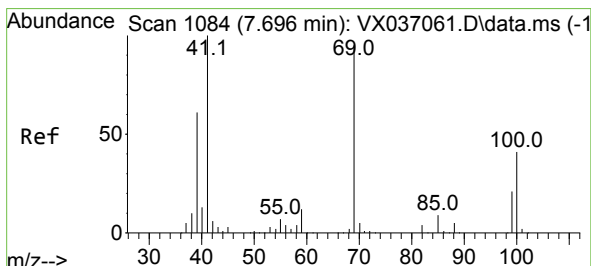
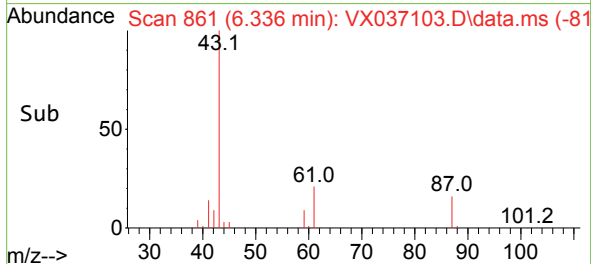
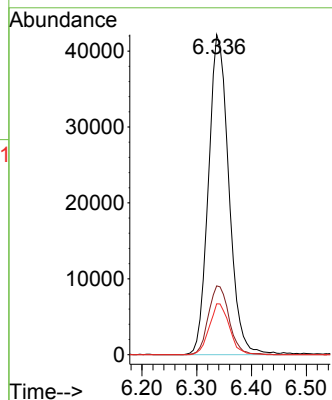
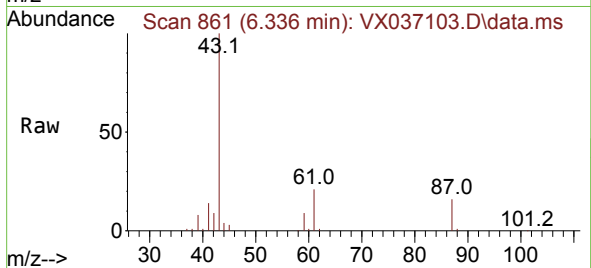




#43
Isopropyl Acetate
Concen: 36.047 ug/l
RT: 6.336 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

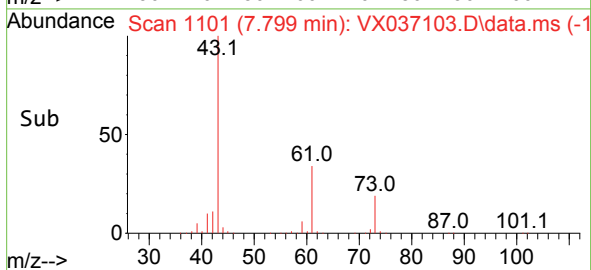
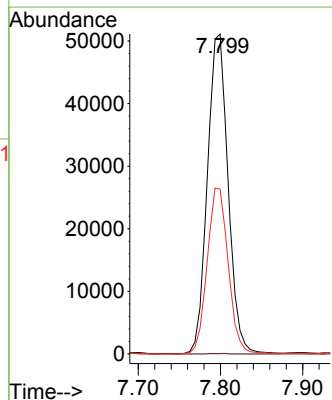
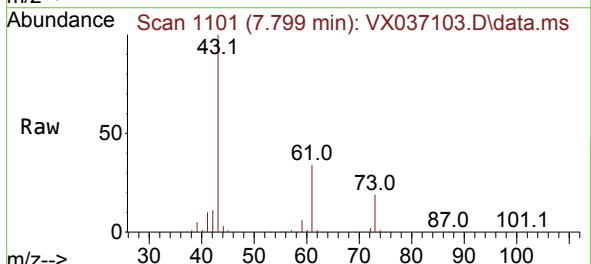
Instrument :
MSVOA_X
ClientSampleId :
SB-7

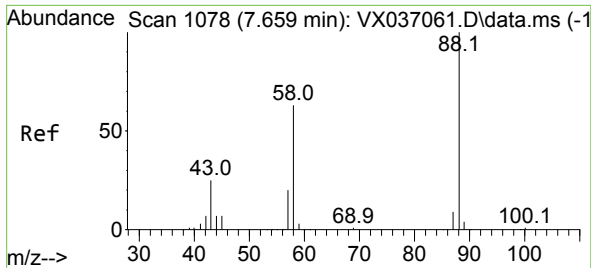
Tgt Ion: 43 Resp: 108925
Ion Ratio Lower Upper
43 100
61 21.8 15.2 22.8
87 15.6 9.8 14.6#



#48
Methyl methacrylate
Concen: 60.811 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 41 Resp: 89615
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 52.7 47.7 71.5

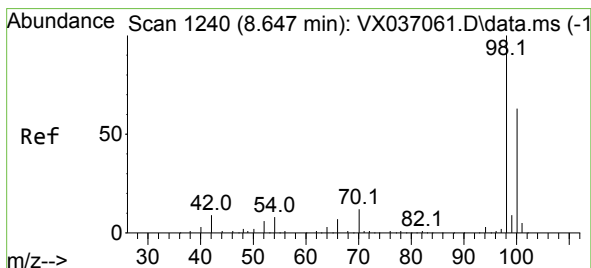
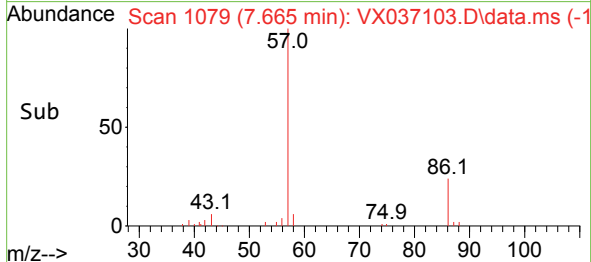
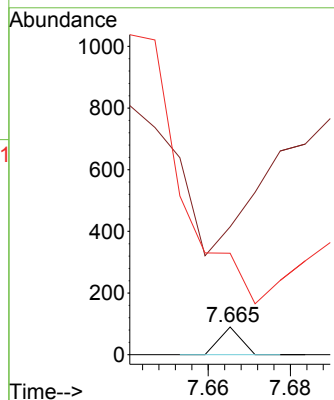
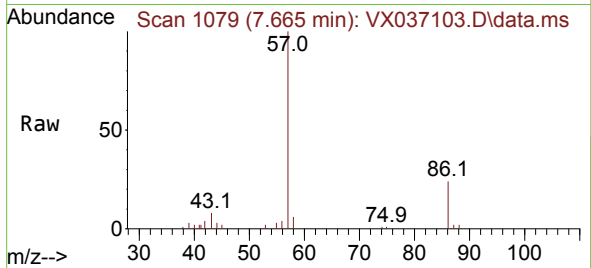




#49
1,4-Dioxane
Concen: 0.831 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

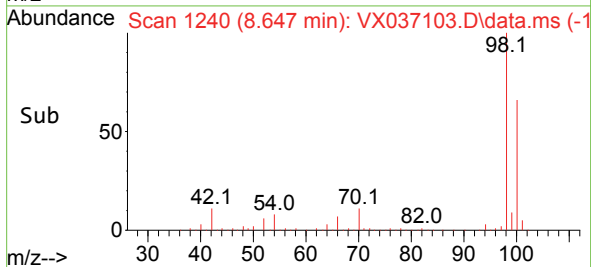
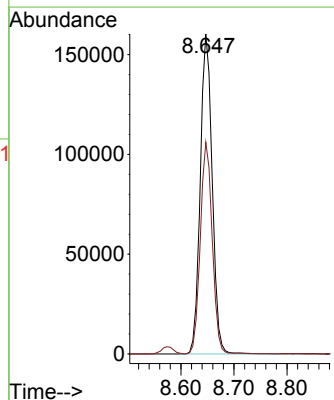
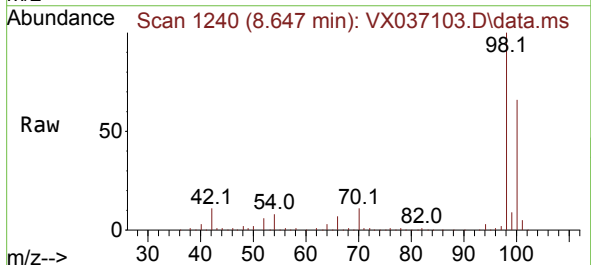
Instrument :
MSVOA_X
ClientSampleId :
SB-7

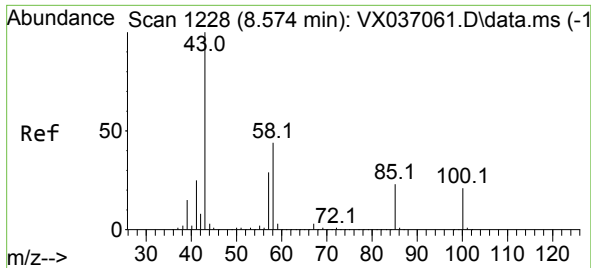
Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#



#50
Toluene-d8
Concen: 52.699 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 98 Resp: 250705
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7

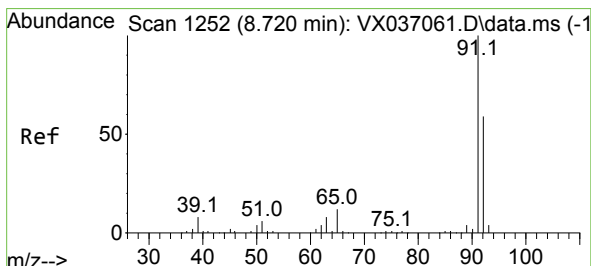
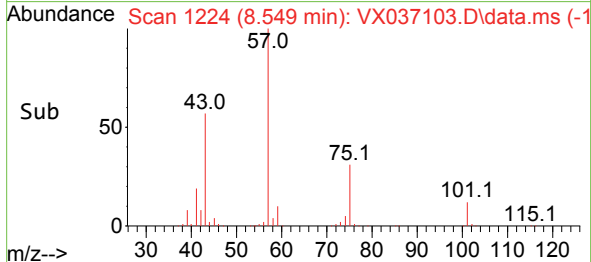
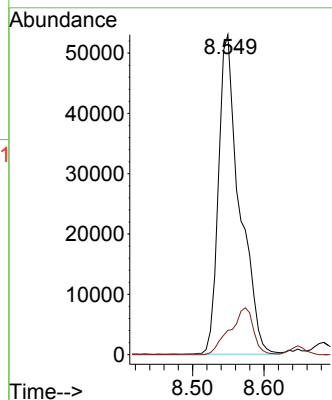
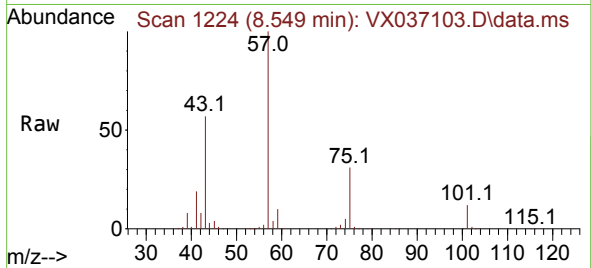




#51
4-Methyl-2-Pentanone
Concen: 59.162 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

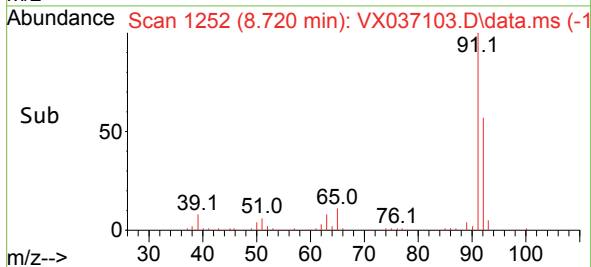
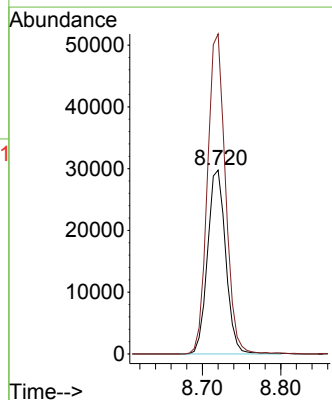
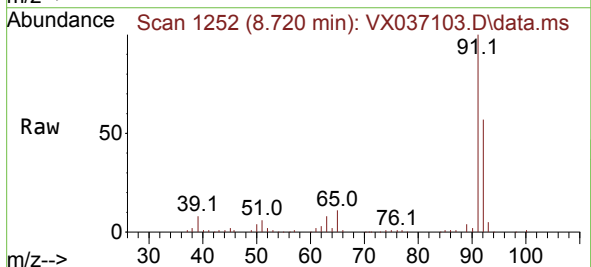
Instrument :
MSVOA_X
ClientSampleId :
SB-7

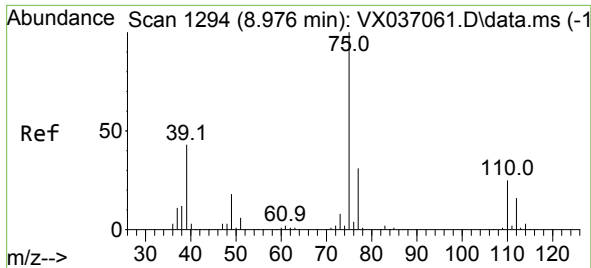
Tgt Ion: 43 Resp: 108557
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#52
Toluene
Concen: 13.550 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 92 Resp: 47841
Ion Ratio Lower Upper
92 100
91 172.8 134.2 201.2

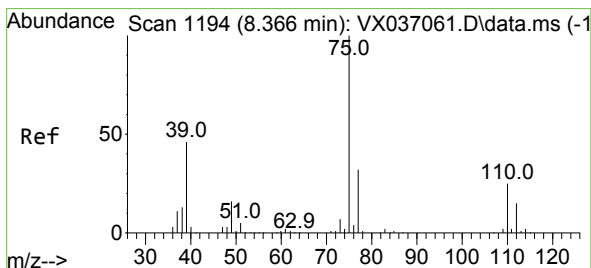
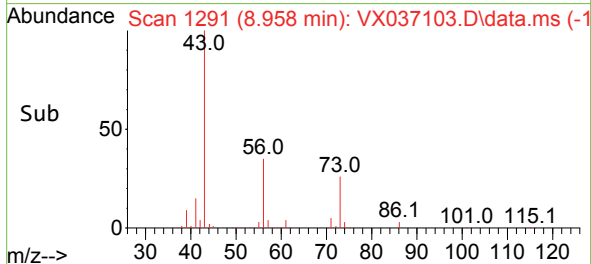
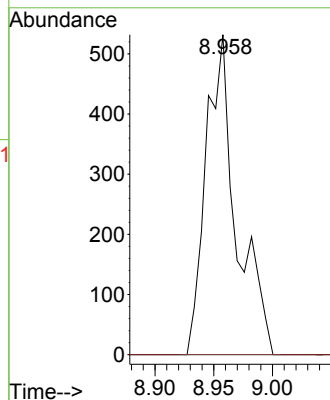
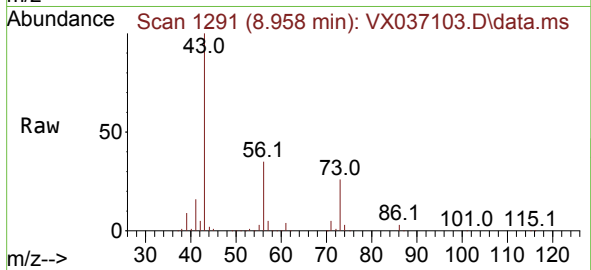




#53
 t-1,3-Dichloropropene
 Concen: 0.451 ug/l
 RT: 8.958 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: VX037103.D
 Acq: 19 Aug 2023 02:51

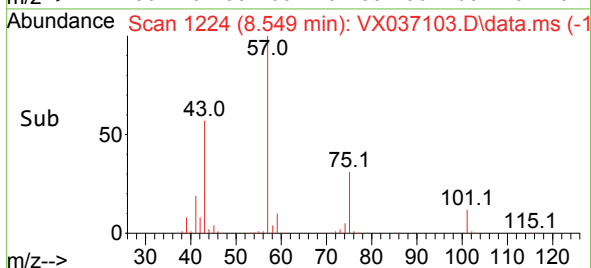
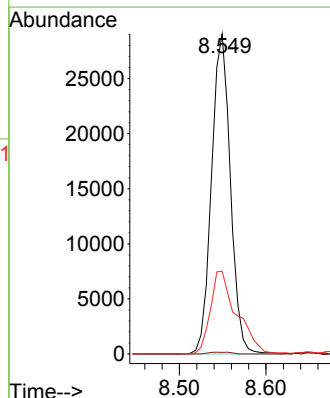
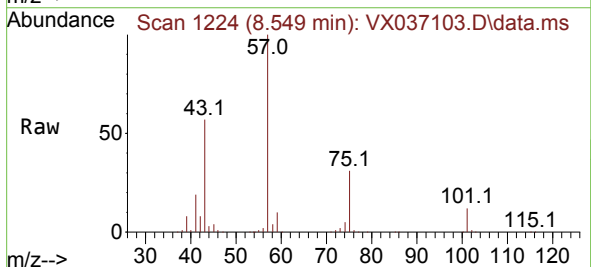
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7

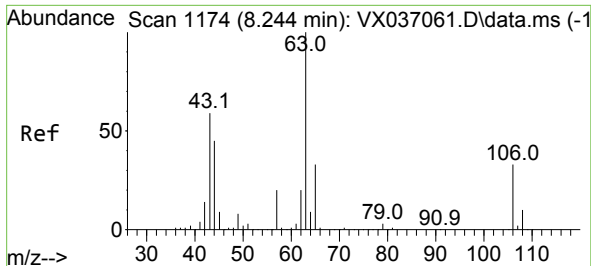
Tgt Ion: 75 Resp: 954
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.7 38.5#



#54
 cis-1,3-Dichloropropene
 Concen: 19.166 ug/l
 RT: 8.549 min Scan# 1224
 Delta R.T. 0.183 min
 Lab File: VX037103.D
 Acq: 19 Aug 2023 02:51

Tgt Ion: 75 Resp: 43846
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 25.9 46.7 70.1#

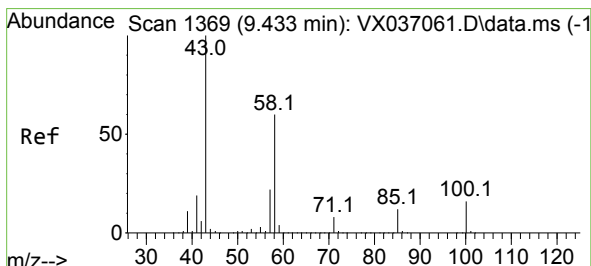
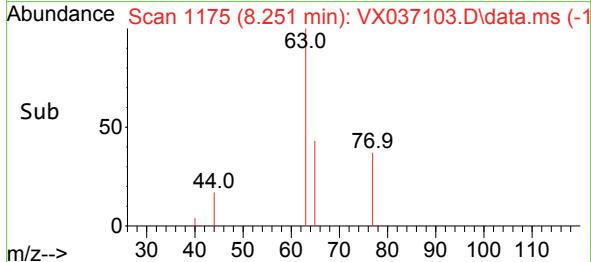
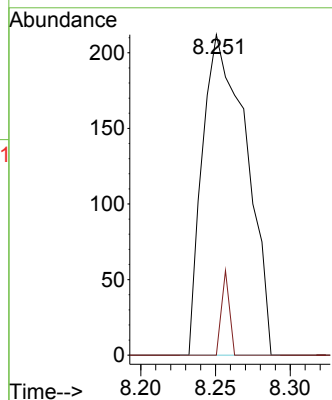
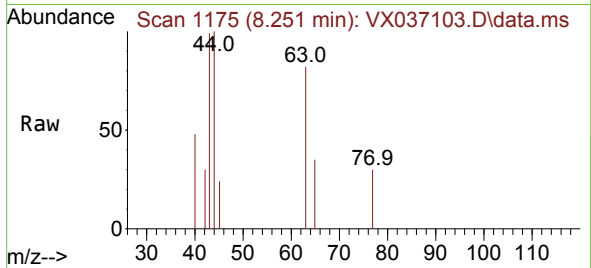




#58
2-Chloroethyl Vinyl ether
Concen: 0.400 ug/l
RT: 8.251 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

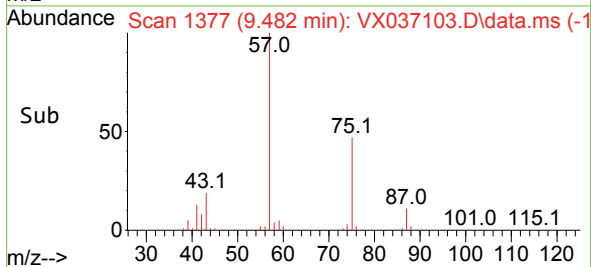
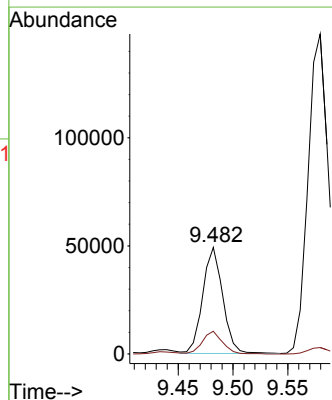
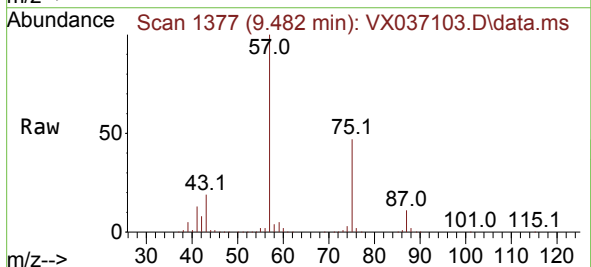
Instrument :
MSVOA_X
ClientSampleId :
SB-7

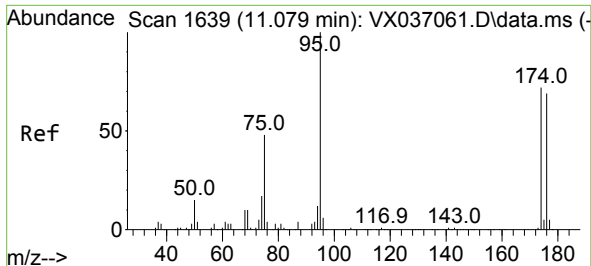
Tgt Ion: 63 Resp: 432
Ion Ratio Lower Upper
63 100
106 4.6 22.5 33.7#



#59
2-Hexanone
Concen: 44.419 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 43 Resp: 62145
Ion Ratio Lower Upper
43 100
58 21.6 26.2 78.5#

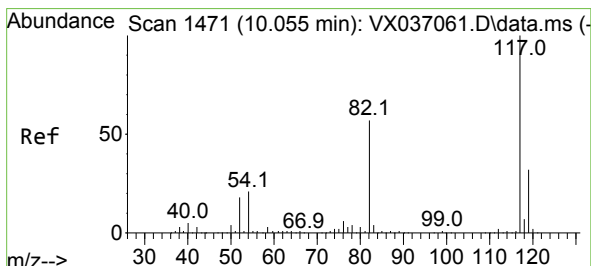
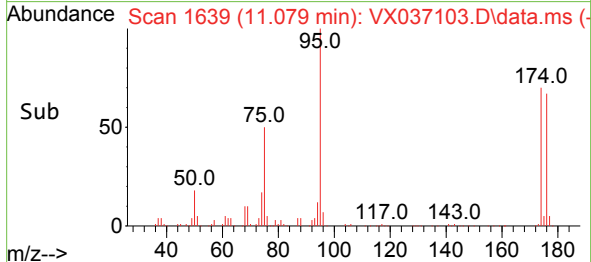
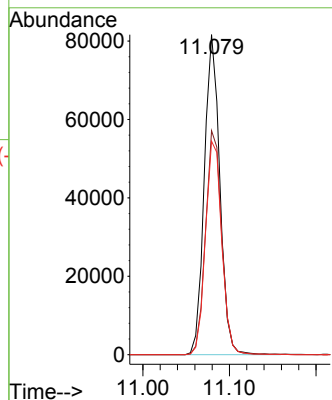
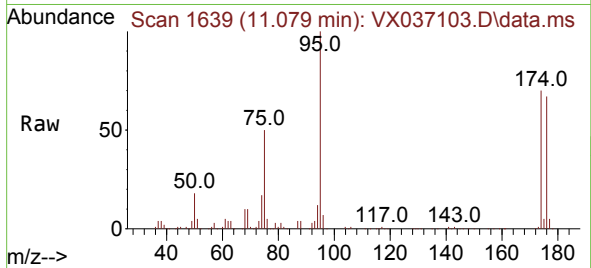




#62
4-Bromofluorobenzene
Concen: 54.328 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

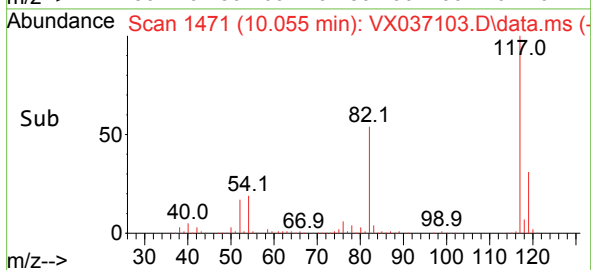
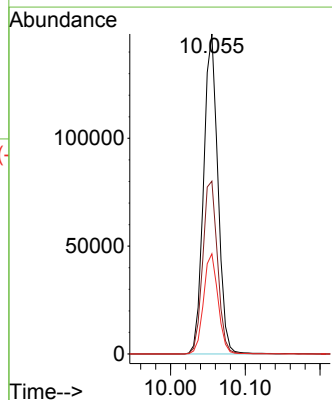
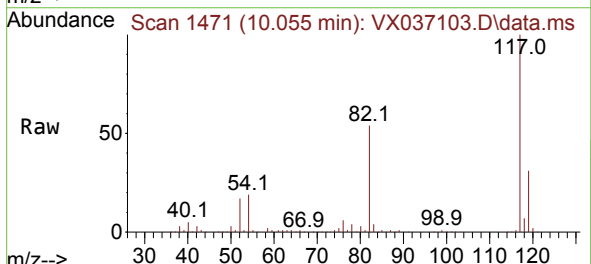
Instrument :
MSVOA_X
ClientSampleId :
SB-7

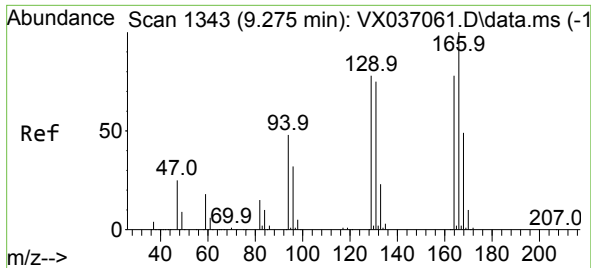
Tgt Ion: 95 Resp: 101569
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 70.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 117 Resp: 197098
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 31.3 25.5 38.3

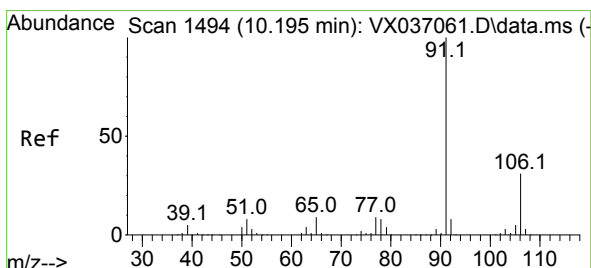
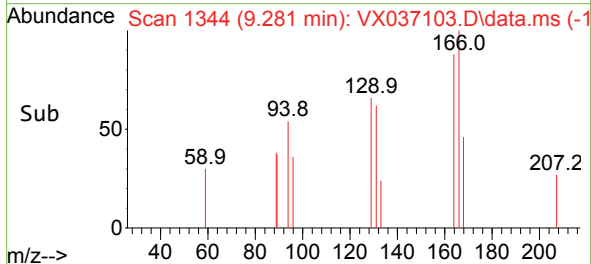
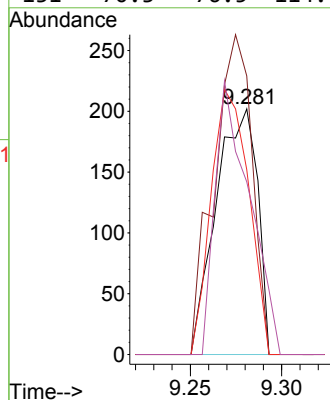
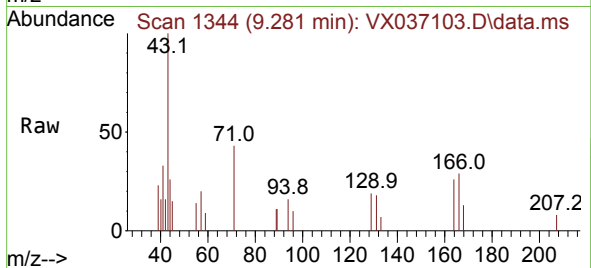




#64
Tetrachloroethene
Concen: 0.220 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

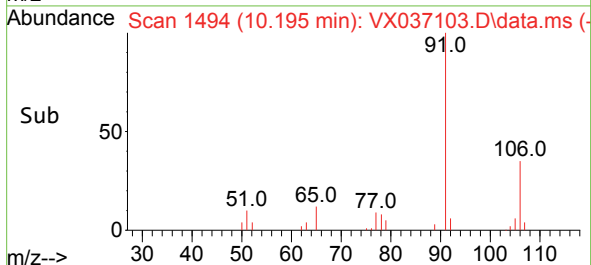
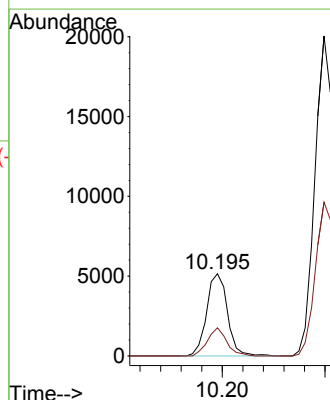
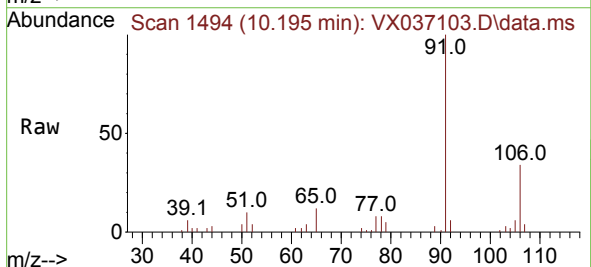
Instrument :
MSVOA_X
ClientSampleId :
SB-7

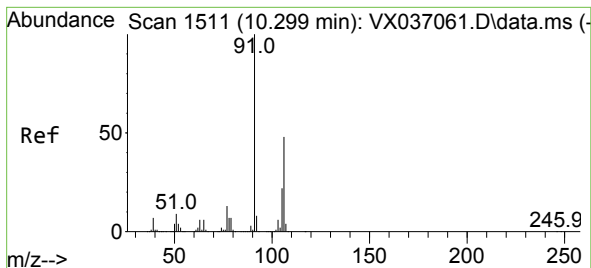
Tgt Ion:164 Resp: 317
Ion Ratio Lower Upper
164 100
166 113.4 102.7 154.1
129 75.2 80.4 120.6#
131 70.3 76.5 114.7#



#67
Ethyl Benzene
Concen: 0.989 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 91 Resp: 7249
Ion Ratio Lower Upper
91 100
106 34.2 24.9 37.3

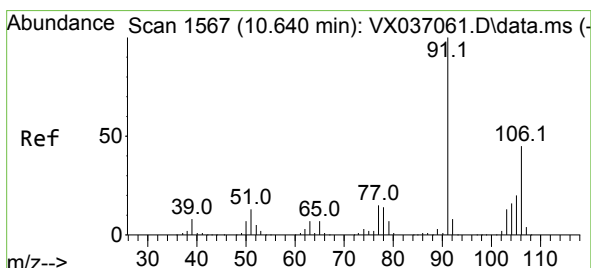
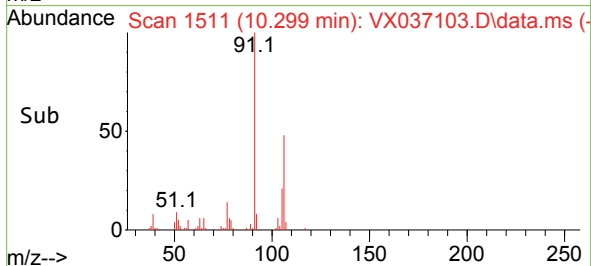
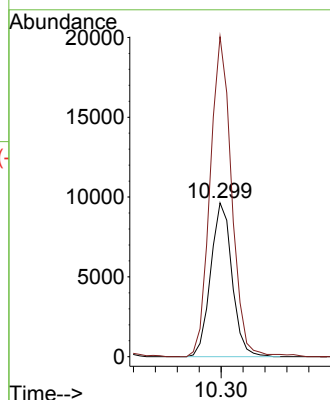
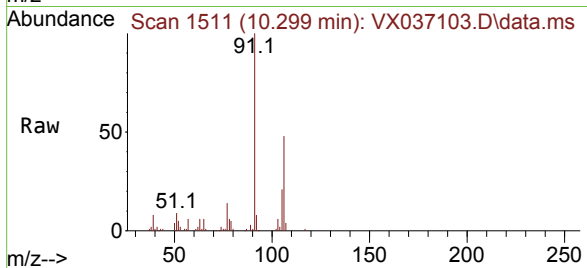




#68
m/p-Xylenes
Concen: 4.606 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

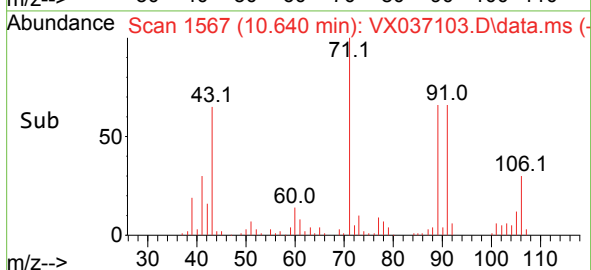
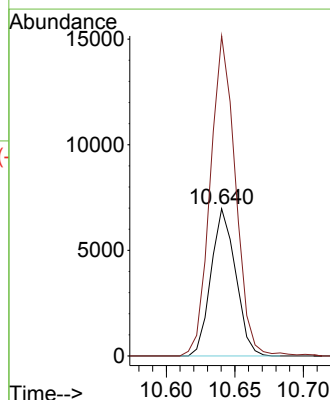
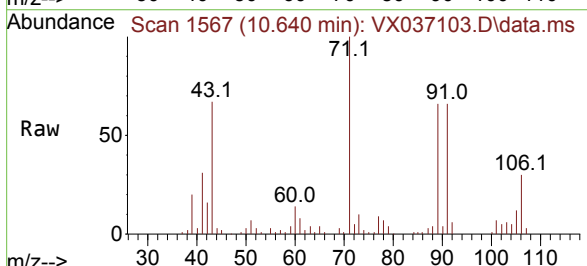
Instrument :
MSVOA_X
ClientSampleId :
SB-7

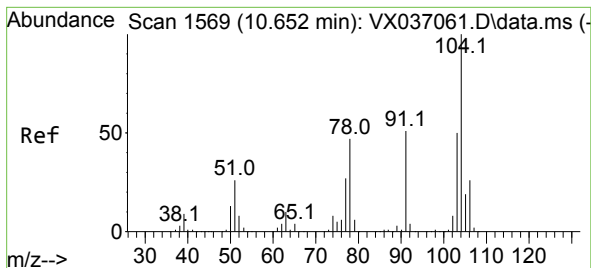
Tgt Ion:106 Resp: 13038
Ion Ratio Lower Upper
106 100
91 209.6 165.5 248.3



#69
o-Xylene
Concen: 3.119 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion:106 Resp: 8710
Ion Ratio Lower Upper
106 100
91 222.6 108.9 326.8





#70

Styrene

Concen: 1.871 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. 0.007 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

SB-7

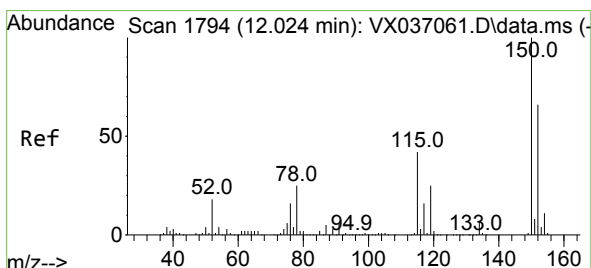
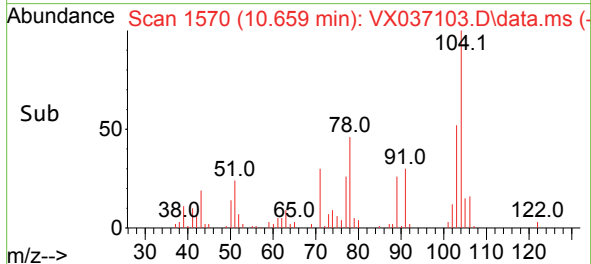
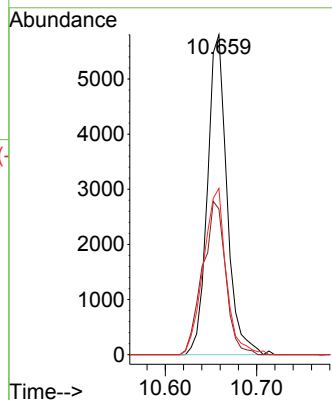
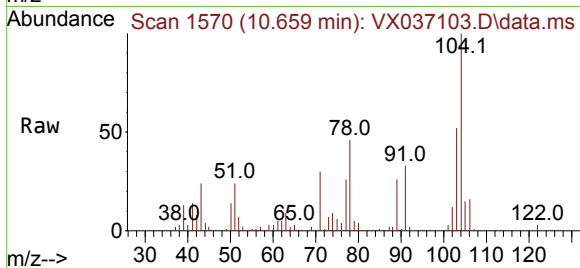
Tgt Ion:104 Resp: 8609

Ion Ratio Lower Upper

104 100

78 56.4 43.6 65.4

103 60.5 43.6 65.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

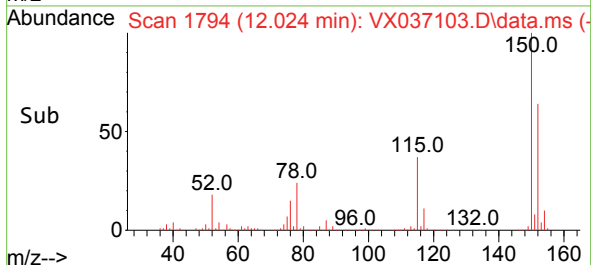
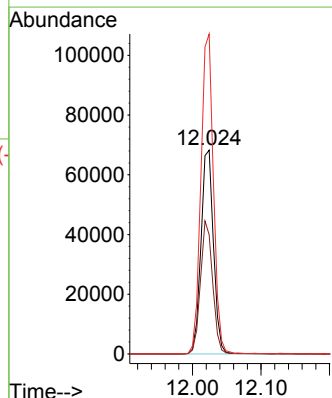
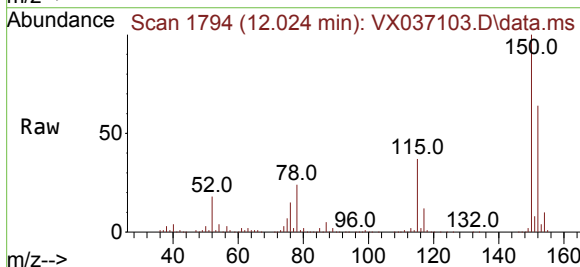
Tgt Ion:152 Resp: 86927

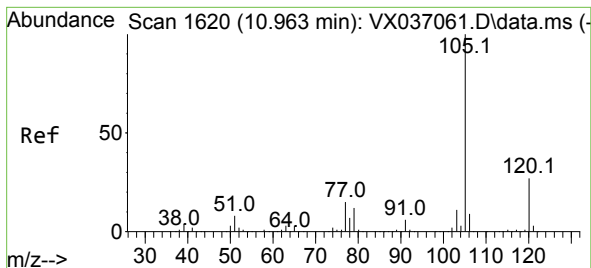
Ion Ratio Lower Upper

152 100

115 63.3 43.3 129.9

150 157.3 0.0 345.0





#73

Isopropylbenzene

Concen: 0.229 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

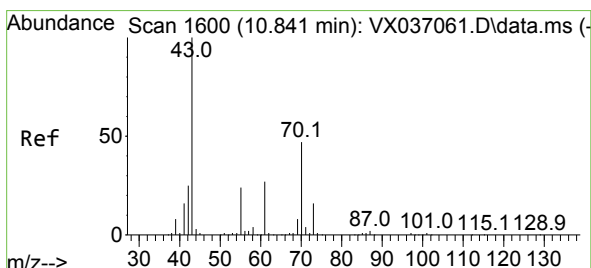
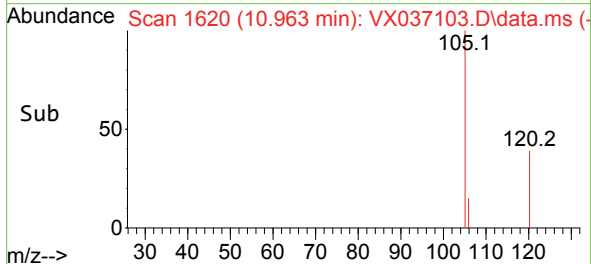
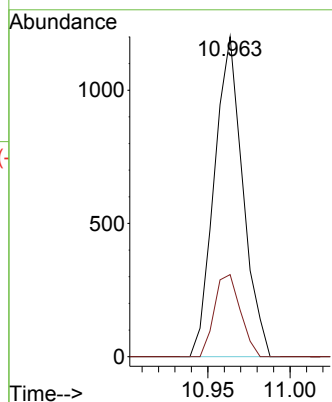
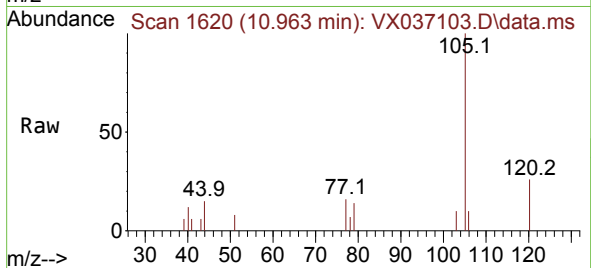
SB-7

Tgt Ion:105 Resp: 1450

Ion Ratio Lower Upper

105 100

120 23.4 12.9 38.6



#74

N-ethyl acetate

Concen: 0.372 ug/l

RT: 10.775 min Scan# 1589

Delta R.T. -0.067 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Tgt Ion: 43 Resp: 914

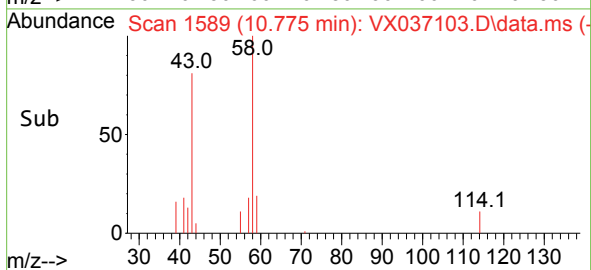
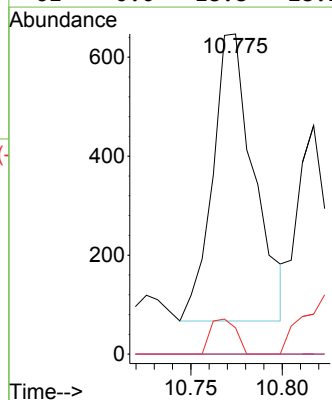
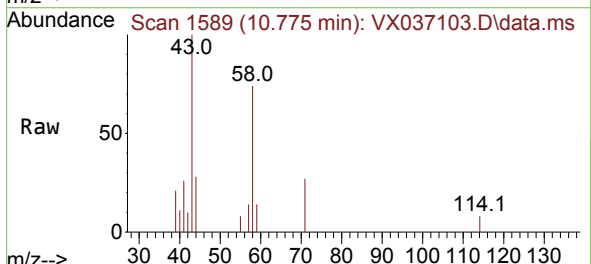
Ion Ratio Lower Upper

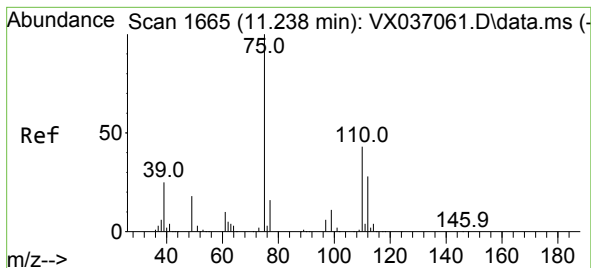
43 100

70 0.0 32.9 49.3#

55 7.7 19.3 28.9#

61 0.0 18.8 28.2#





#76

1,2,3-Trichloropropane

Concen: 28.411 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

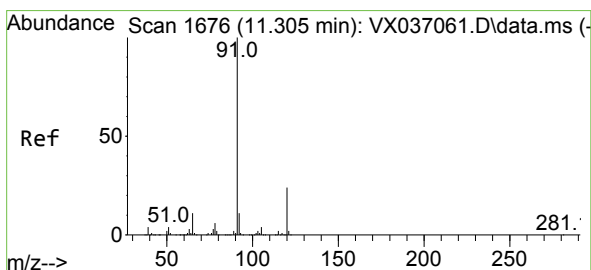
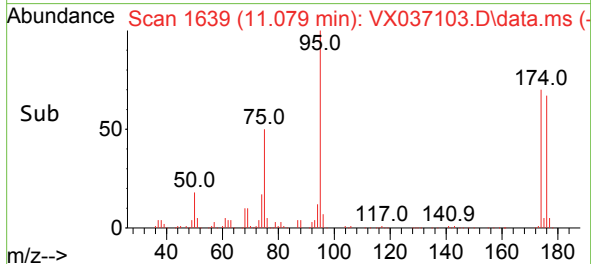
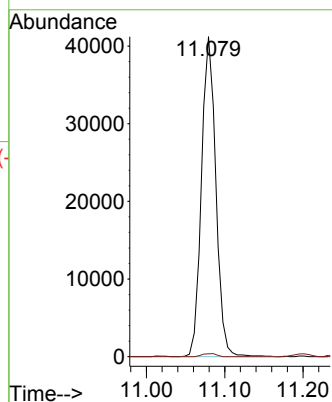
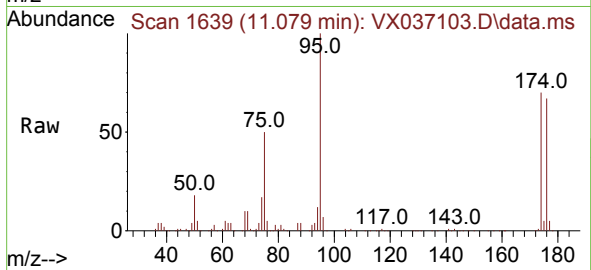
SB-7

Tgt Ion: 75 Resp: 52596

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#78

n-propylbenzene

Concen: 0.345 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX037103.D

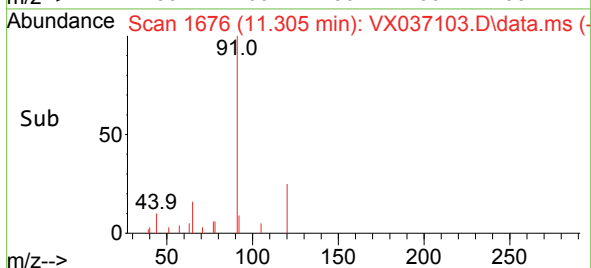
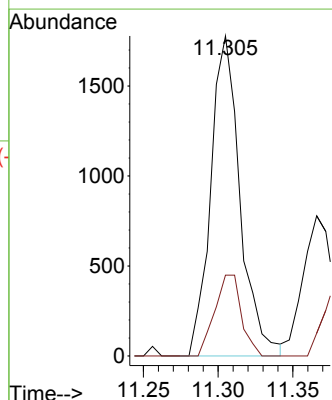
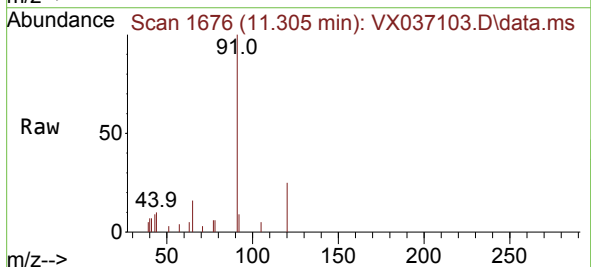
Acq: 19 Aug 2023 02:51

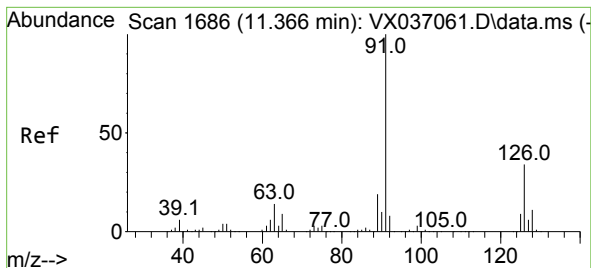
Tgt Ion: 91 Resp: 2428

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 0.280 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

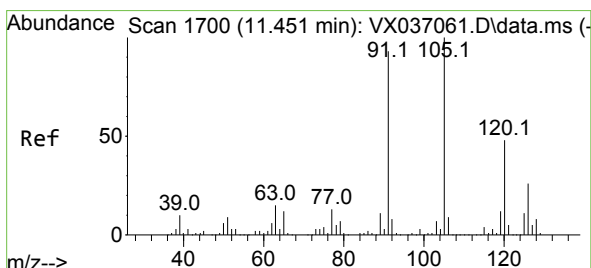
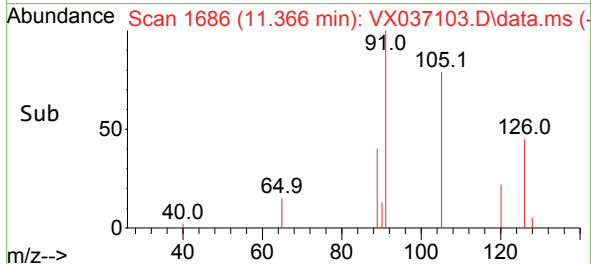
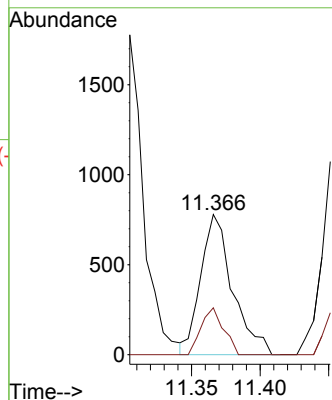
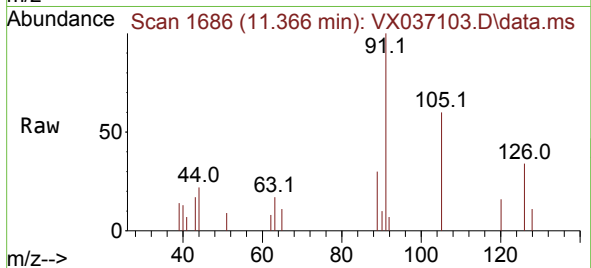
SB-7

Tgt Ion: 91 Resp: 1261

Ion Ratio Lower Upper

91 100

126 23.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 0.569 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037103.D

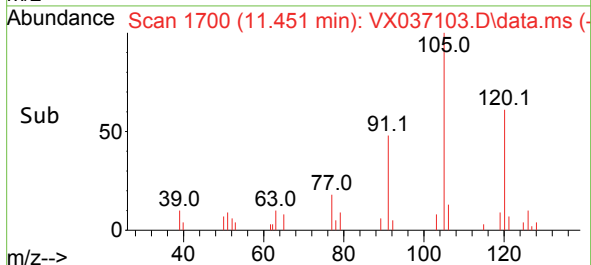
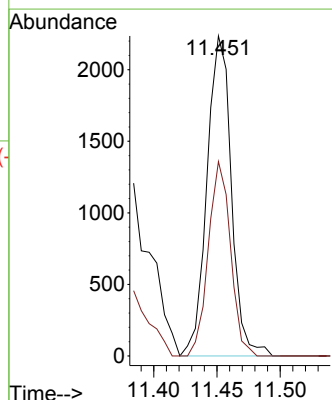
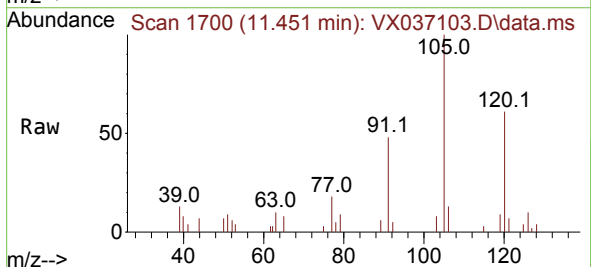
Acq: 19 Aug 2023 02:51

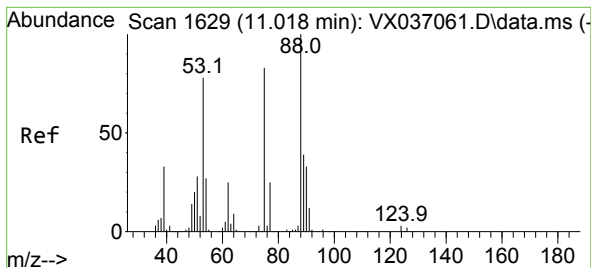
Tgt Ion: 105 Resp: 3000

Ion Ratio Lower Upper

105 100

120 55.3 24.1 72.3

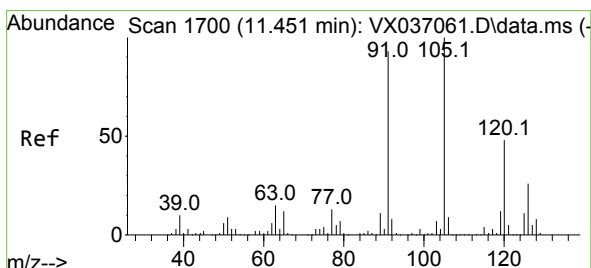
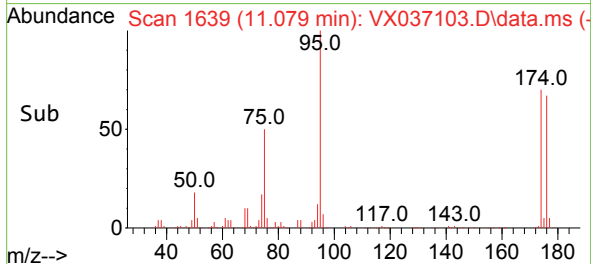
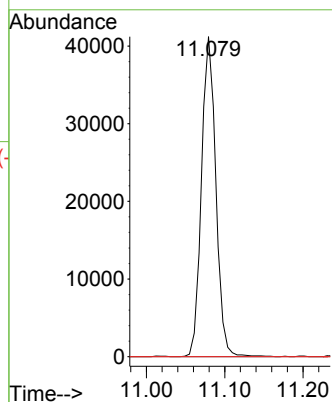
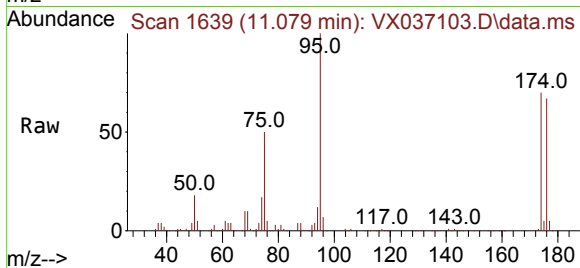




#81
trans-1,4-Dichloro-2-butene
Concen: 79.353 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

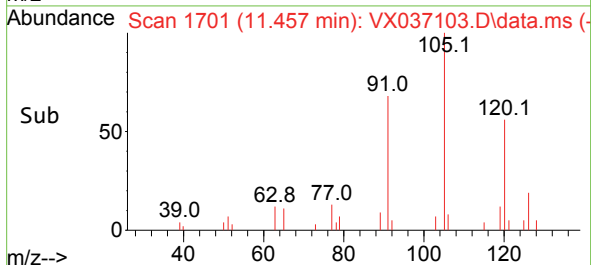
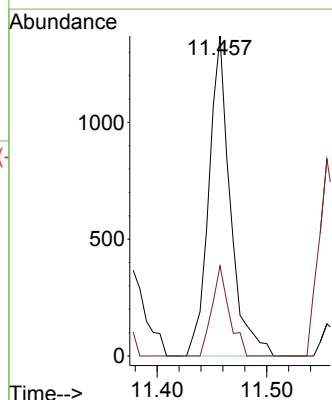
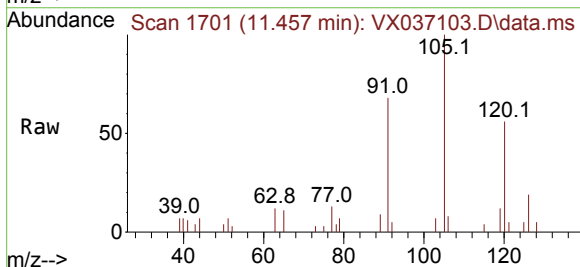
Instrument :
MSVOA_X
ClientSampleId :
SB-7

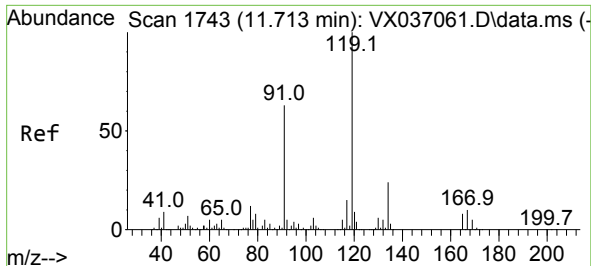
Tgt Ion: 75 Resp: 52596
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.360 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion: 91 Resp: 1868
Ion Ratio Lower Upper
91 100
126 22.6 14.2 42.6

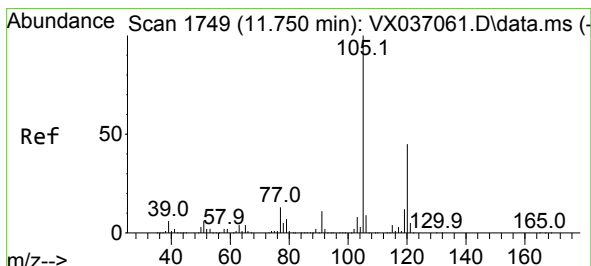
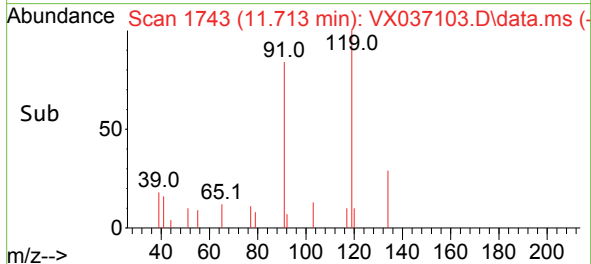
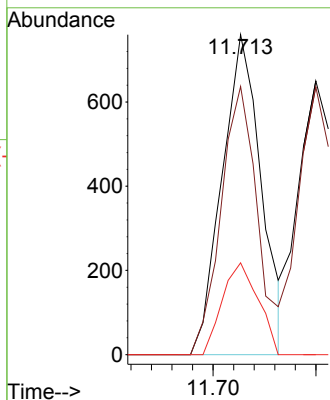
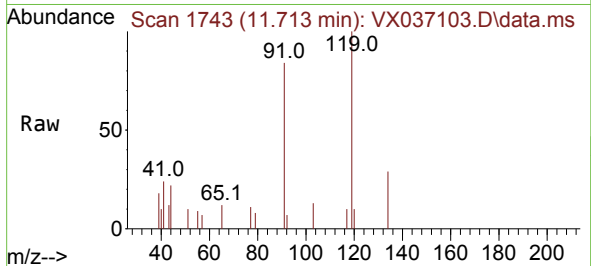




#83
tert-Butylbenzene
Concen: 0.201 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

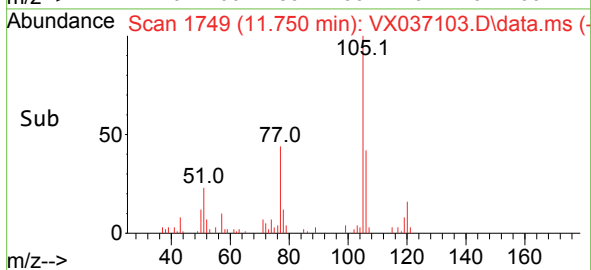
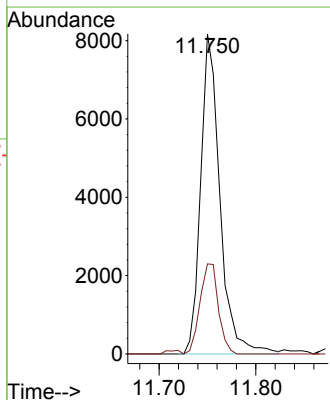
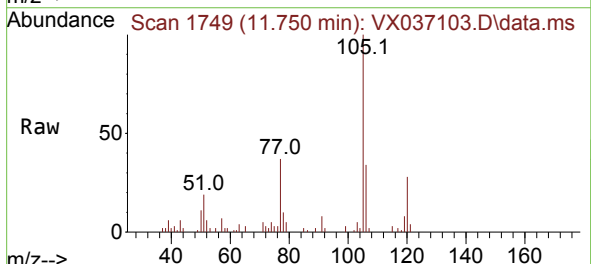
Instrument :
MSVOA_X
ClientSampleId :
SB-7

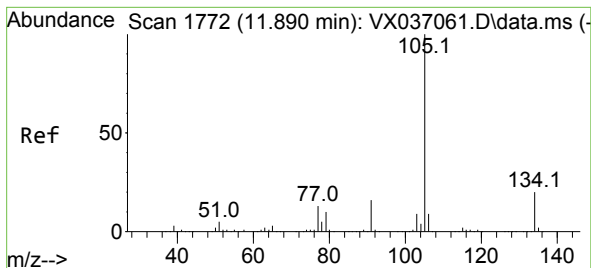
Tgt Ion:	119	Resp:	1008
Ion	Ratio	Lower	Upper
119	100		
91	78.2	31.2	93.6
134	26.2	11.7	35.0



#84
1,2,4-Trimethylbenzene
Concen: 2.122 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion:	105	Resp:	11304
Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.2	63.6





#85

sec-Butylbenzene

Concen: 0.381 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

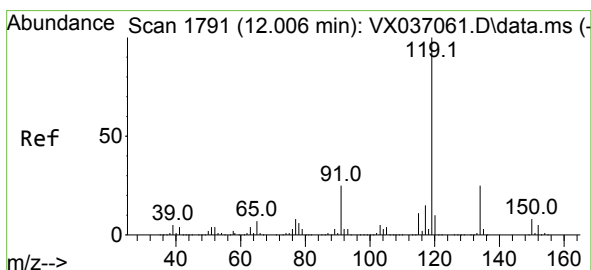
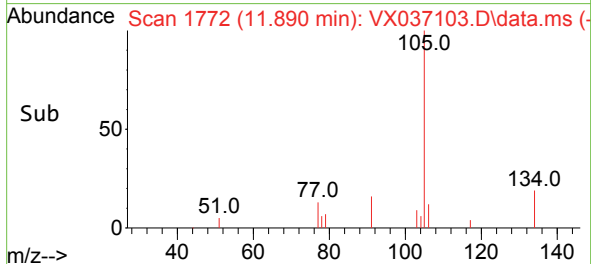
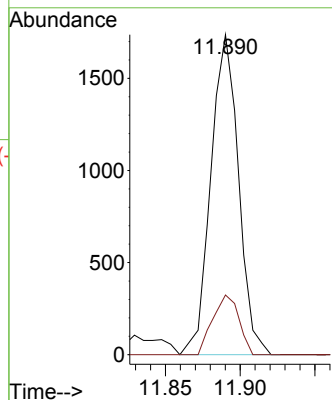
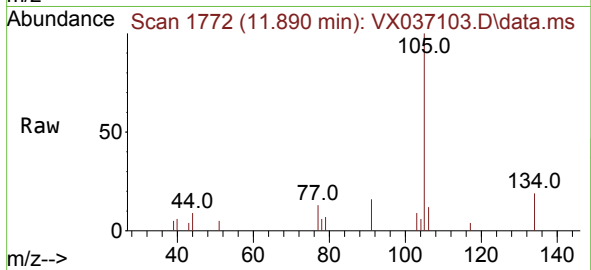
SB-7

Tgt Ion:105 Resp: 2235

Ion Ratio Lower Upper

105 100

134 17.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.409 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

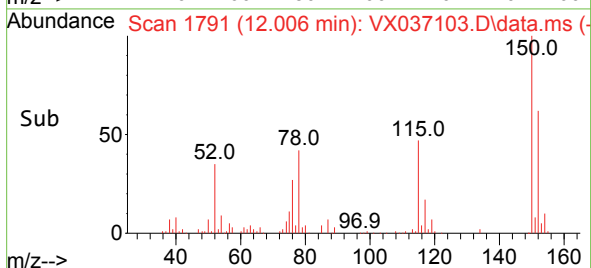
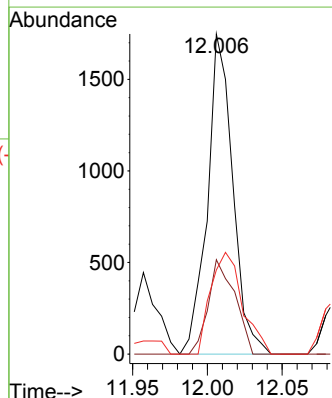
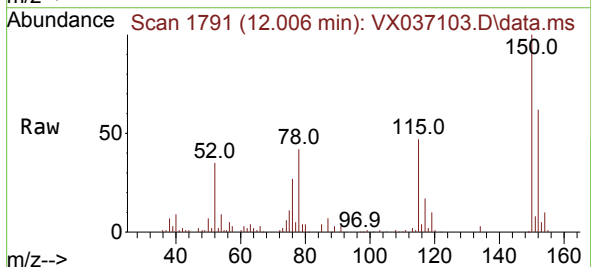
Tgt Ion:119 Resp: 2065

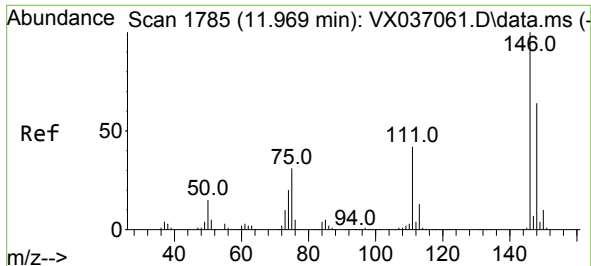
Ion Ratio Lower Upper

119 100

134 30.9 12.8 38.3

91 39.7 13.1 39.3#

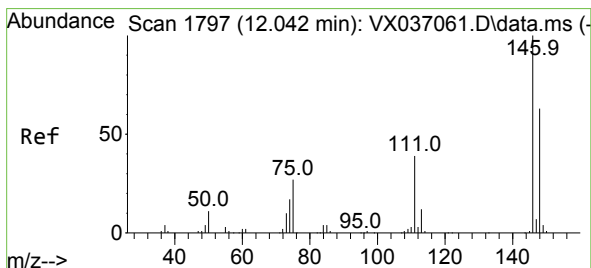
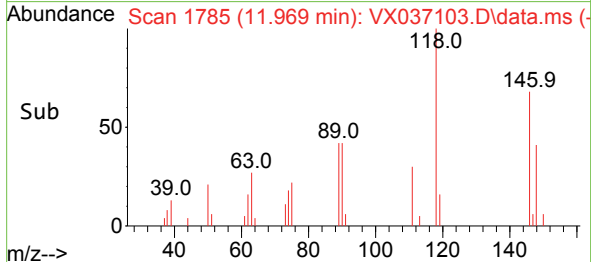
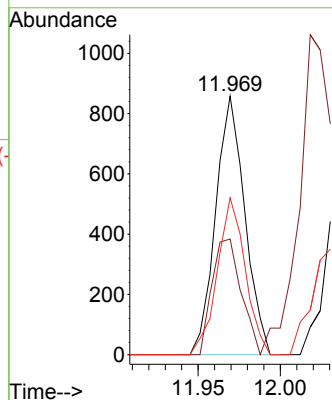
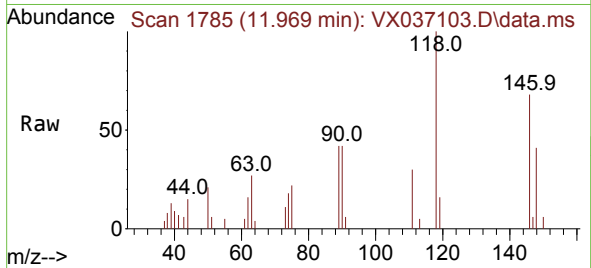




#87
1,3-Dichlorobenzene
Concen: 0.366 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

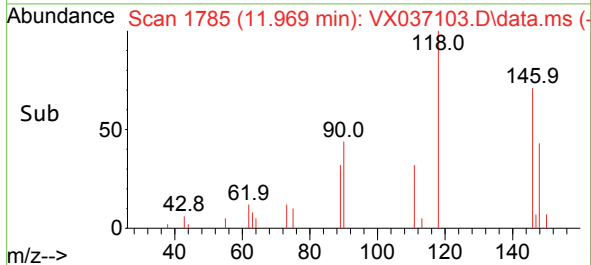
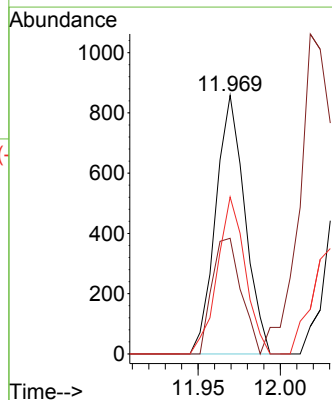
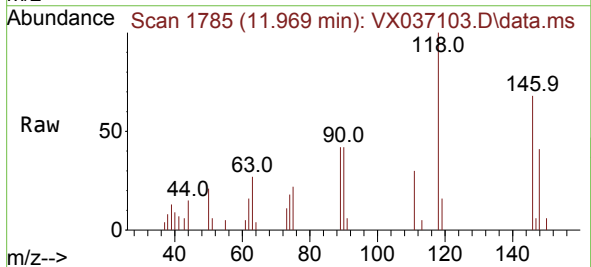
Instrument :
MSVOA_X
ClientSampleId :
SB-7

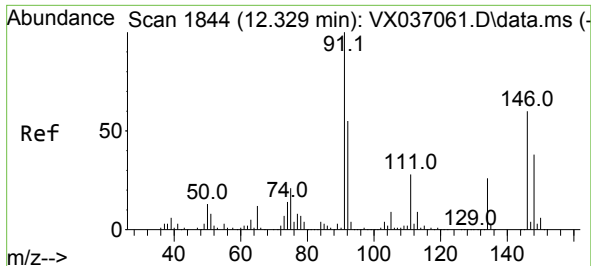
Tgt Ion:146 Resp: 1058
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.1
148 58.0 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 0.354 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.073 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion:146 Resp: 1058
Ion Ratio Lower Upper
146 100
111 44.6 21.3 63.7
148 58.0 31.8 95.4





#89

n-Butylbenzene

Concen: 0.645 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

SB-7

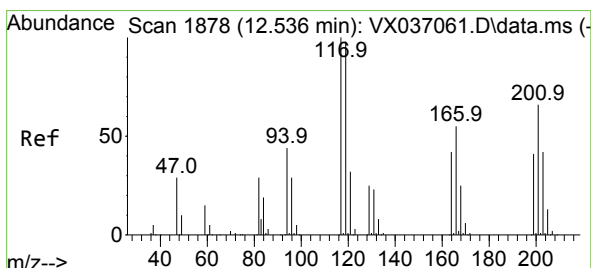
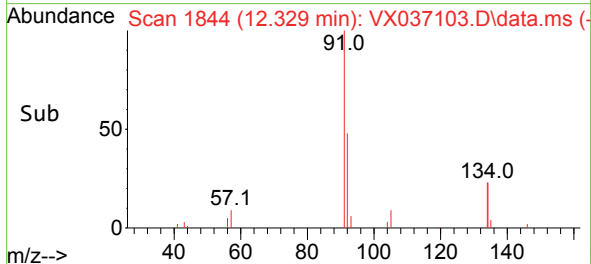
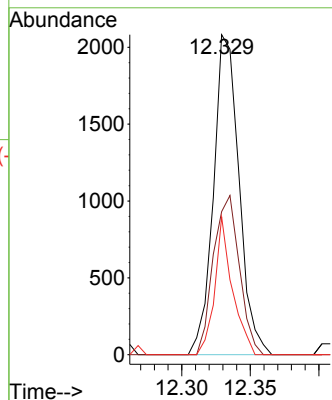
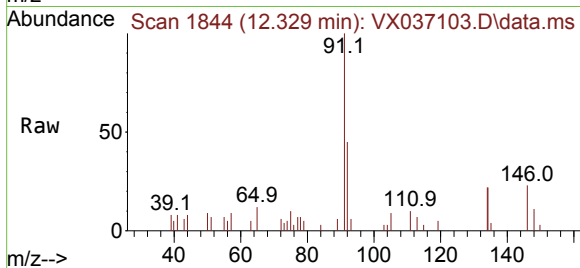
Tgt Ion: 91 Resp: 2702

Ion Ratio Lower Upper

91 100

92 50.4 27.4 82.0

134 29.6 12.6 37.8



#90

Hexachloroethane

Concen: 0.360 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX037103.D

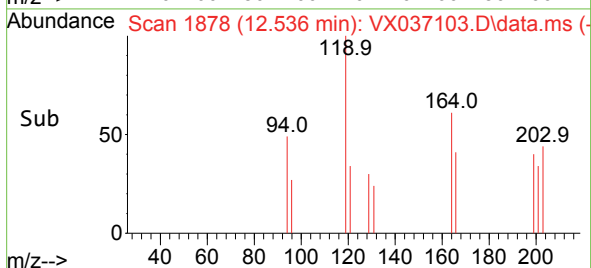
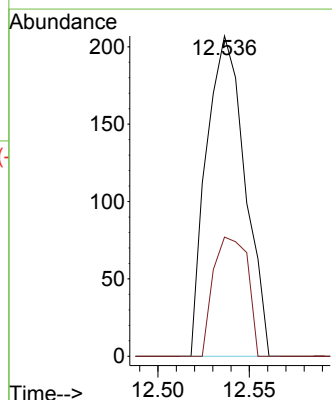
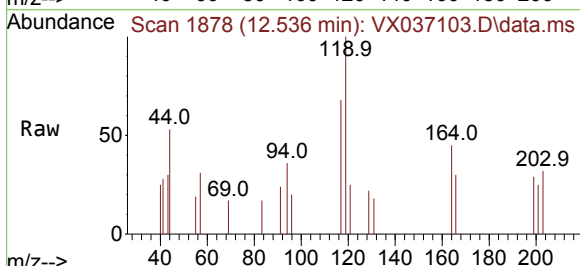
Acq: 19 Aug 2023 02:51

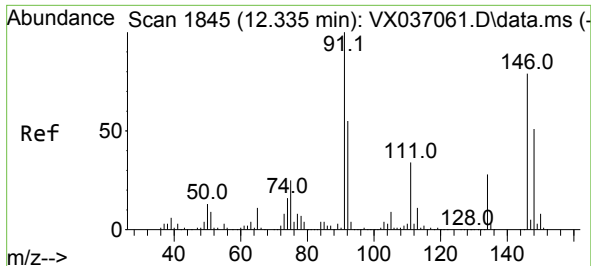
Tgt Ion: 117 Resp: 304

Ion Ratio Lower Upper

117 100

201 32.9 32.9 98.6

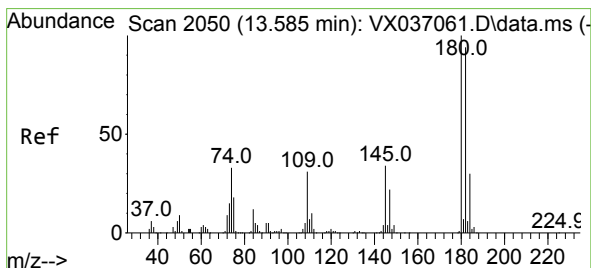
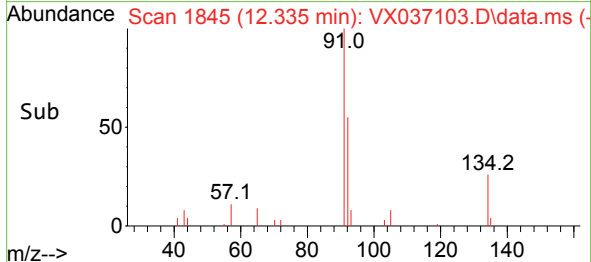
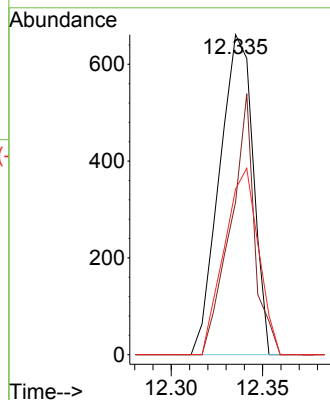
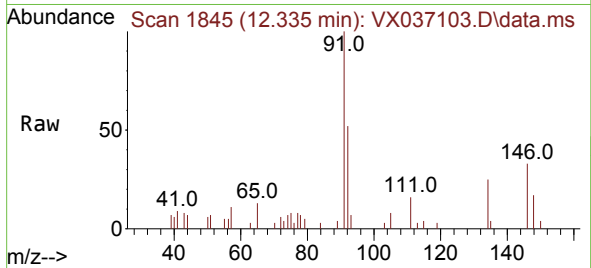




#91
1,2-Dichlorobenzene
Concen: 0.299 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

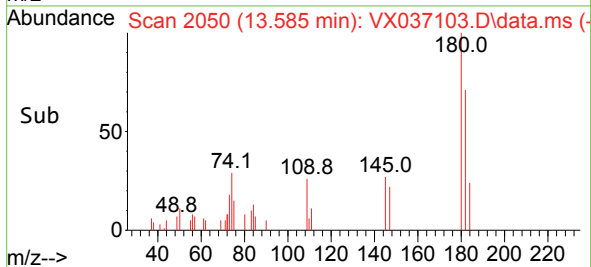
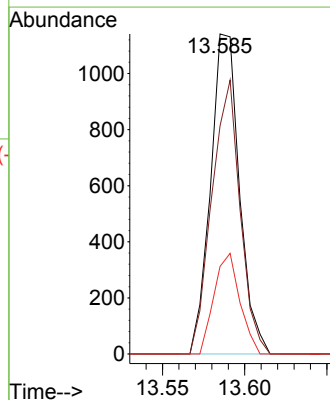
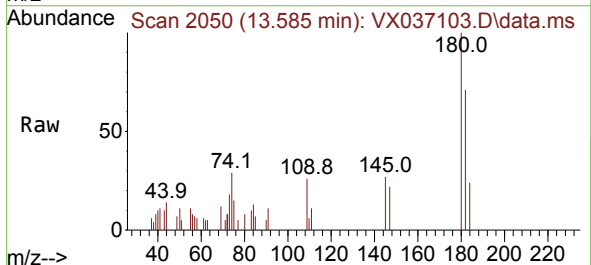
Instrument :
MSVOA_X
ClientSampleId :
SB-7

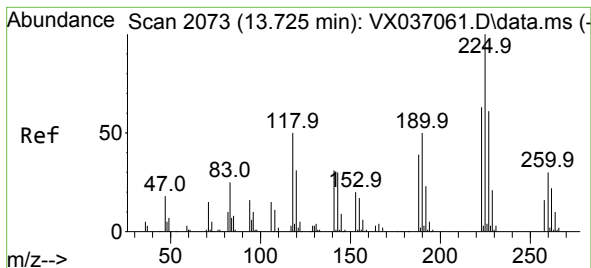
Tgt Ion:146 Resp: 847
Ion Ratio Lower Upper
146 100
111 58.0 22.4 67.0
148 59.1 31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 0.842 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX037103.D
Acq: 19 Aug 2023 02:51

Tgt Ion:180 Resp: 1393
Ion Ratio Lower Upper
180 100
182 83.6 48.3 144.8
145 28.0 18.0 54.0





#94

Hexachlorobutadiene

Concen: 1.185 ug/l

RT: 13.719 min Scan# 2073

Delta R.T. -0.006 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

Instrument :

MSVOA_X

ClientSampleId :

SB-7

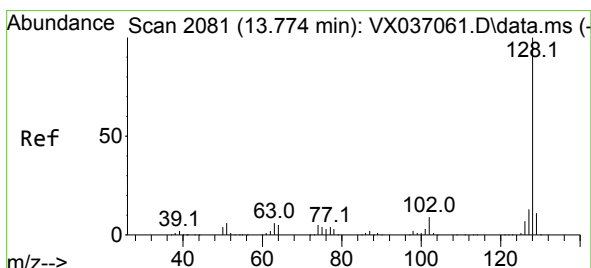
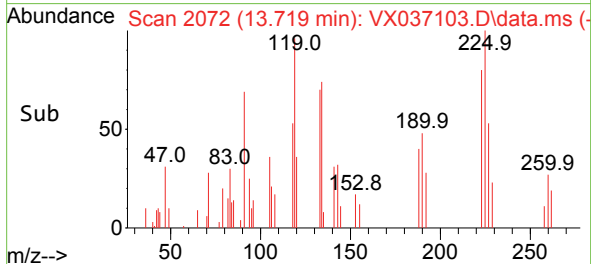
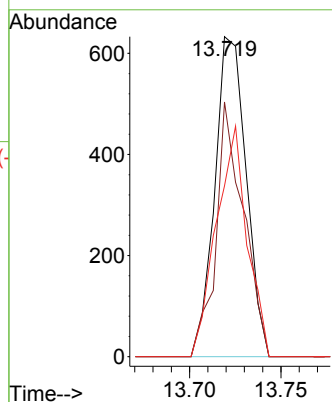
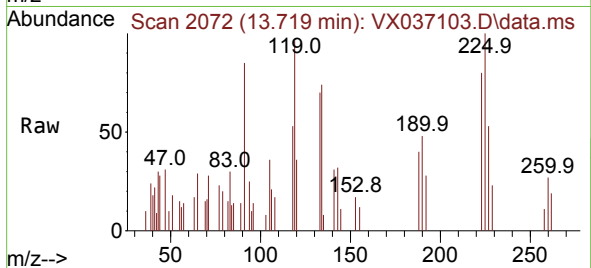
Tgt Ion:225 Resp: 758

Ion Ratio Lower Upper

225 100

223 69.5 31.1 93.2

227 70.7 32.5 97.5



#95

Naphthalene

Concen: 30.434 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037103.D

Acq: 19 Aug 2023 02:51

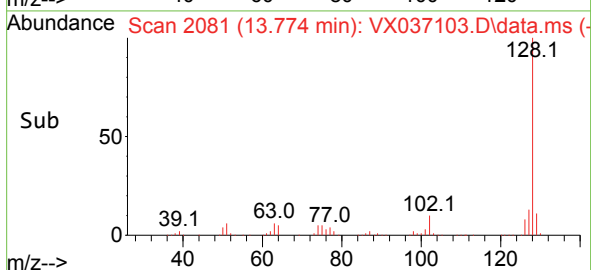
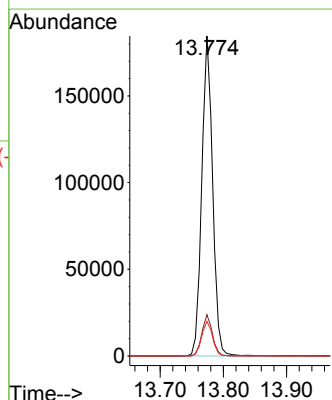
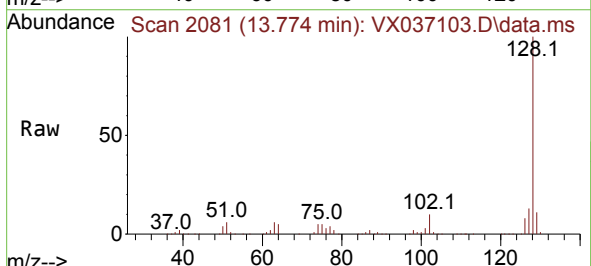
Tgt Ion:128 Resp: 220672

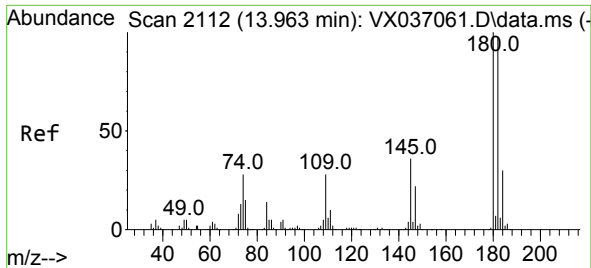
Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

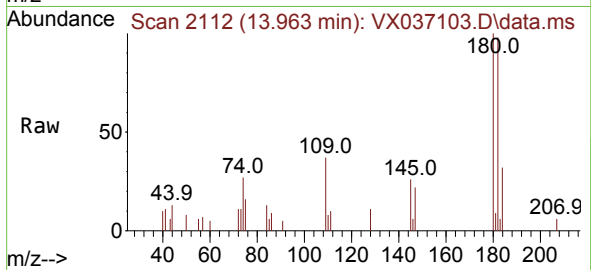
129 10.8 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.817 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX037103.D
 Acq: 19 Aug 2023 02:51

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-7



Tgt Ion:	180	Resp:	1343
Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.9	140.6
145	35.7	17.8	53.5

