

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032923\
 Data File : VX034823.D
 Acq On : 29 Mar 2023 11:55
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Mar 30 05:49:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 05:38:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	272144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	462445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	407324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180565	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	196373	47.182	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.360%
35) Dibromofluoromethane	5.385	113	147958	48.373	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	8.647	98	555124	49.170	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.340%
62) 4-Bromofluorobenzene	11.079	95	204426	46.791	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.580%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	884	0.326	ug/l	96
3) Chloromethane	1.294	50	935	0.275	ug/l	98
4) Vinyl Chloride	1.374	62	980	0.291	ug/l	90
5) Bromomethane	1.617	94	862	0.394	ug/l #	79
7) Trichlorofluoromethane	1.892	101	1266	0.234	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	994	0.352	ug/l	92
10) Methyl Iodide	2.453	142	1229	0.349	ug/l #	89
11) Tert butyl alcohol	3.001	59	310	0.425	ug/l #	73
12) 1,1-Dichloroethene	2.319	96	708	0.253	ug/l #	51
13) Acrolein	2.245	56	1305	1.736	ug/l	89
14) Allyl chloride	2.660	41	1442	0.263	ug/l #	95
15) Acrylonitrile	3.075	53	2174	1.323	ug/l	89
16) Acetone	2.398	43	2038	1.205	ug/l #	82
17) Carbon Disulfide	2.514	76	10742	1.535	ug/l	97
20) Methylene Chloride	2.794	84	1383	0.415	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	1761	0.578	ug/l	92
23) Vinyl Acetate	3.727	43	3285	0.417	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	742	0.206	ug/l	97
28) Bromochloromethane	4.916	49	588	0.202	ug/l #	76
31) Cyclohexane	5.483	56	1308	0.258	ug/l #	69
36) 1,1-Dichloropropene	5.690	75	929	0.205	ug/l #	59
38) Carbon Tetrachloride	5.556	117	28740	6.727	ug/l #	15
39) Methylcyclohexane	7.373	83	1676	0.348	ug/l	87
42) 1,2-Dichloroethane	6.111	62	1202	0.232	ug/l #	75
44) Trichloroethene	7.123	130	1284	0.387	ug/l	59
46) Dibromomethane	7.592	93	697	0.299	ug/l #	84
49) 1,4-Dioxane	7.738	88	79	0.985	ug/l #	23
51) 4-Methyl-2-Pentanone	8.580	43	1061	0.226	ug/l	94
52) Toluene	8.720	92	2177	0.257	ug/l	100
53) t-1,3-Dichloropropene	8.994	75	1026	0.221	ug/l #	85
58) 2-Chloroethyl Vinyl ether	8.257	63	1112	0.434	ug/l #	88
59) 2-Hexanone	9.445	43	1105	0.311	ug/l	100
64) Tetrachloroethene	9.275	164	1136	0.390	ug/l #	80
65) Chlorobenzene	10.079	112	2373	0.280	ug/l	96
67) Ethyl Benzene	10.195	91	3520	0.229	ug/l #	85
68) m/p-Xylenes	10.305	106	3078	0.525	ug/l	92

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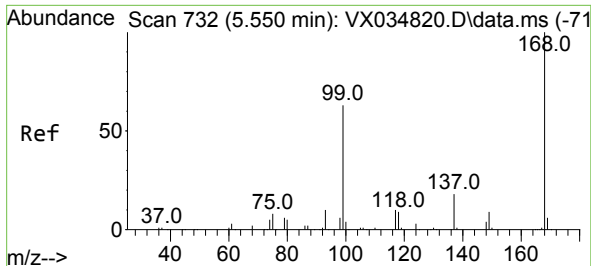
Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Mar 30 05:49:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 30 05:38:28 2023
 Response via : Initial Calibration

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

69) o-Xylene	10.646	106	1174	0.204	ug/l	81
73) Isopropylbenzene	10.963	105	3027	0.229	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	111705	27.184	ug/l #	34
77) Bromobenzene	11.195	156	932	0.284	ug/l	87
78) n-propylbenzene	11.305	91	5700	0.373	ug/l	94
79) 2-Chlorotoluene	11.372	91	3049	0.316	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	3255	0.294	ug/l	87
81) trans-1,4-Dichloro-2-b...	11.079	75	111705	92.014	ug/l #	8
82) 4-Chlorotoluene	11.457	91	5046	0.450	ug/l	99
83) tert-Butylbenzene	11.713	119	4298	0.414	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	3684	0.328	ug/l	96
85) sec-Butylbenzene	11.890	105	14037	1.111	ug/l	98
86) p-Isopropyltoluene	12.012	119	10866	1.031	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	3109	0.521	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	3109	0.499	ug/l	93
89) n-Butylbenzene	12.335	91	21209	2.304	ug/l	98
90) Hexachloroethane	12.536	117	1334	0.817	ug/l	83
91) 1,2-Dichlorobenzene	12.335	146	2443	0.409	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	214	0.237	ug/l #	29
93) 1,2,4-Trichlorobenzene	13.591	180	6883	2.036	ug/l	99
94) Hexachlorobutadiene	13.725	225	10336	6.951	ug/l	99
95) Naphthalene	13.774	128	13115	1.092	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7019	2.059	ug/l	97

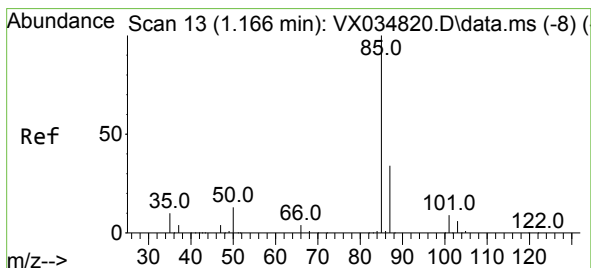
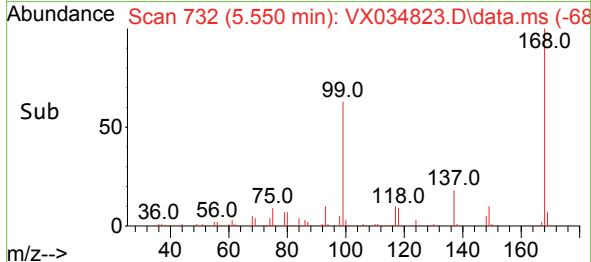
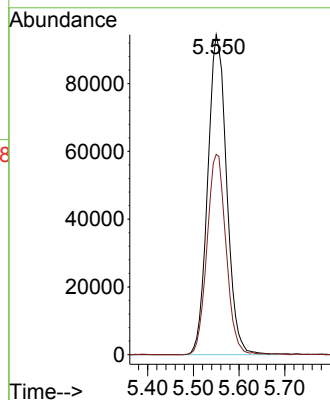
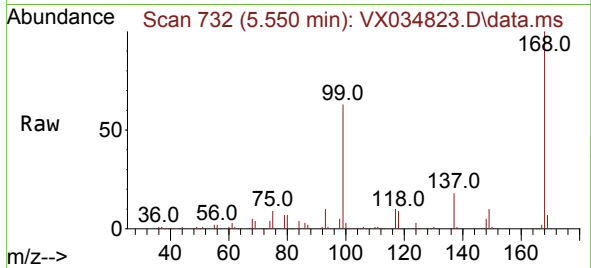
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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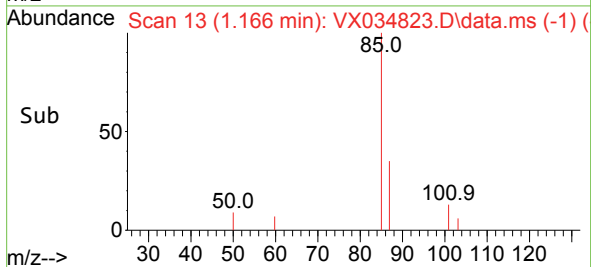
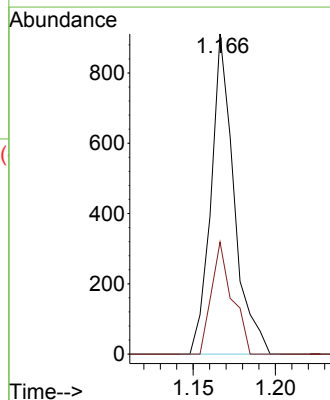
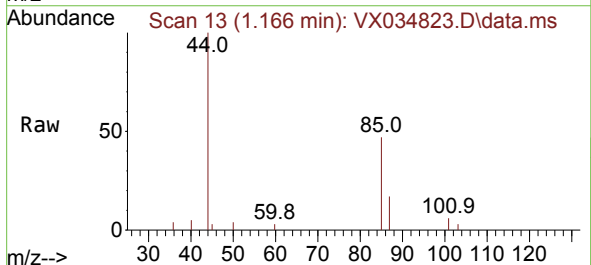
Instrument :
MSVOA_X
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VIBLK

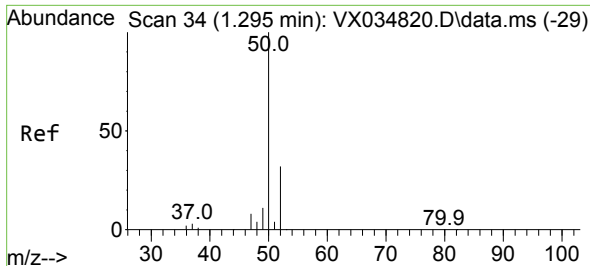
Tgt Ion:168 Resp: 272144
Ion Ratio Lower Upper
168 100
99 62.6 45.7 68.5



#2
Dichlorodifluoromethane
Concen: 0.326 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 85 Resp: 884
Ion Ratio Lower Upper
85 100
87 35.0 16.4 49.1

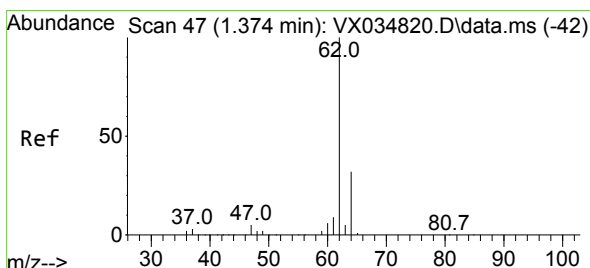
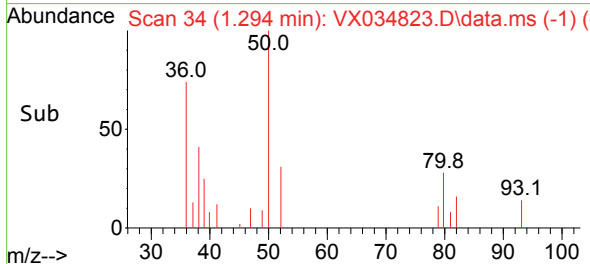
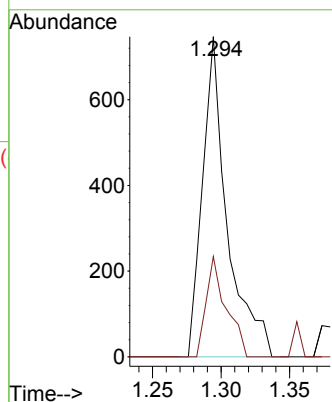
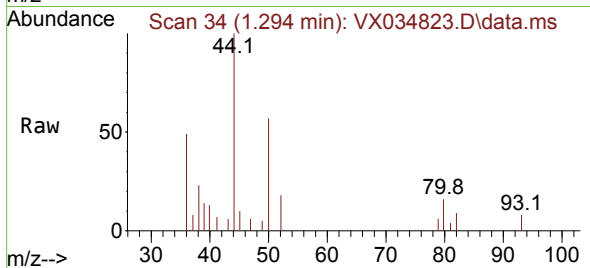




#3
Chloromethane
Concen: 0.275 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

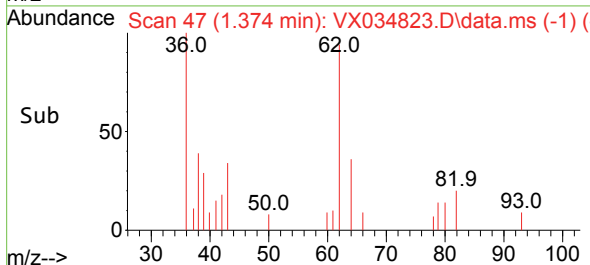
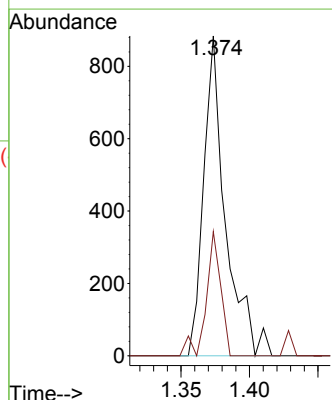
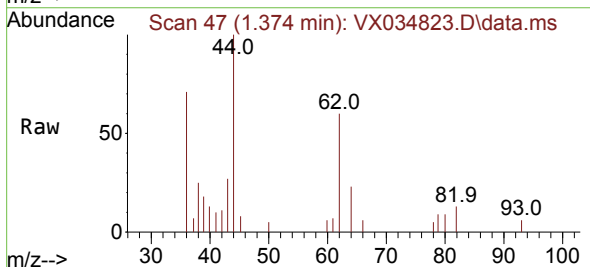
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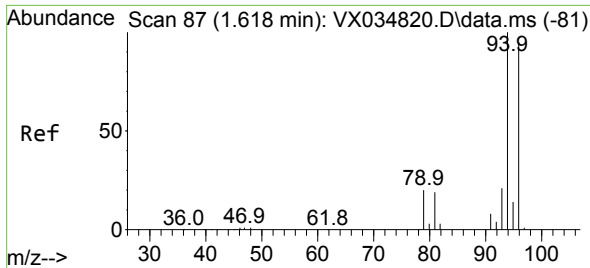
Tgt Ion: 50 Resp: 935
Ion Ratio Lower Upper
50 100
52 31.3 25.9 38.9



#4
Vinyl Chloride
Concen: 0.291 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 62 Resp: 980
Ion Ratio Lower Upper
62 100
64 38.8 26.4 39.6

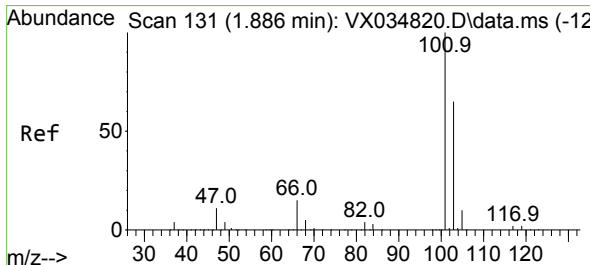
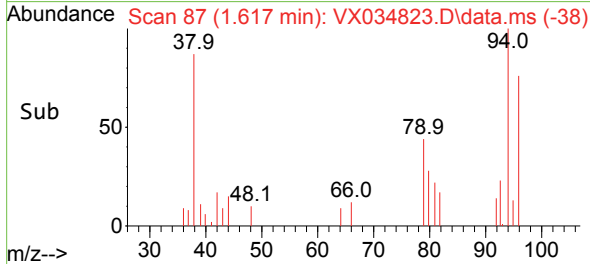
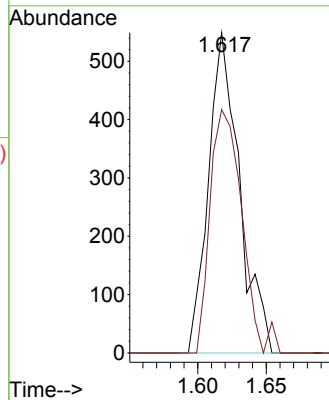
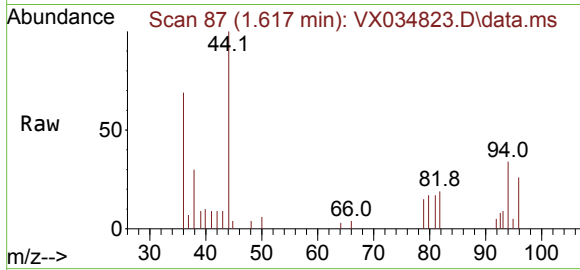




#5
Bromomethane
Concen: 0.394 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

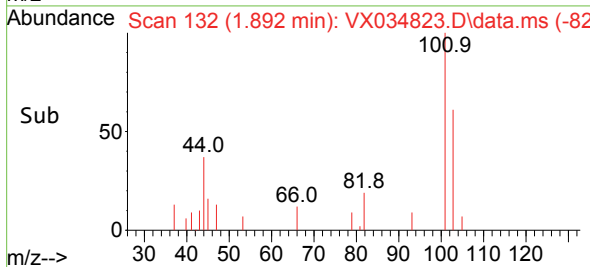
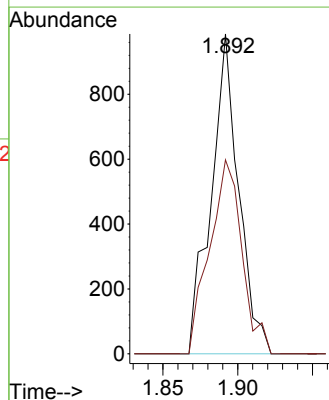
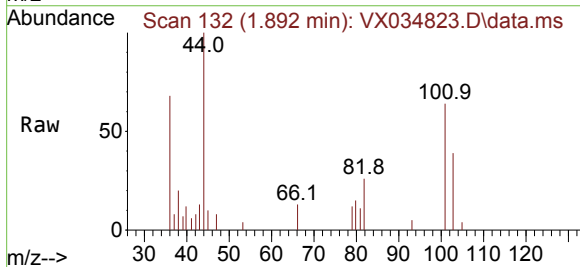
Instrument :
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ClientSampleId :
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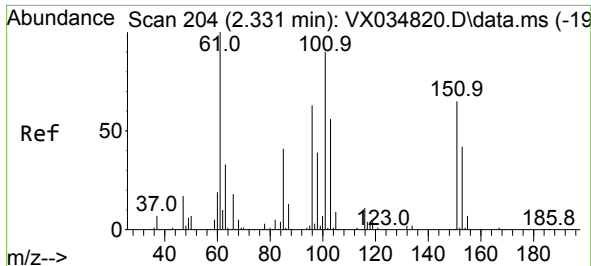
Tgt Ion: 94 Resp: 862
Ion Ratio Lower Upper
94 100
96 76.0 77.0 115.6#



#7
Trichlorofluoromethane
Concen: 0.234 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion:101 Resp: 1266
Ion Ratio Lower Upper
101 100
103 60.6 52.0 78.0

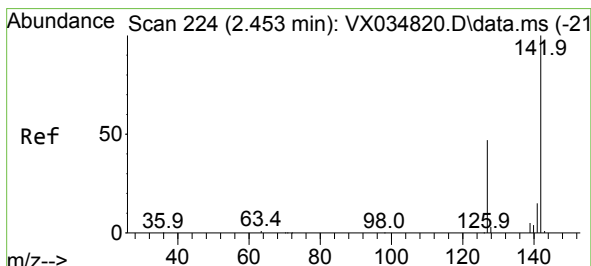
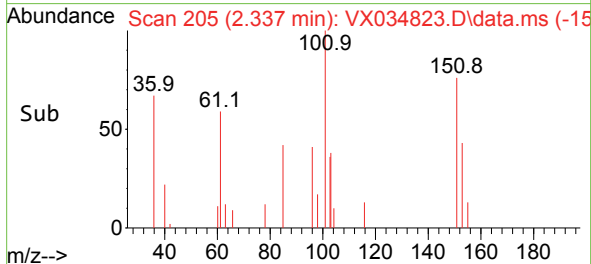
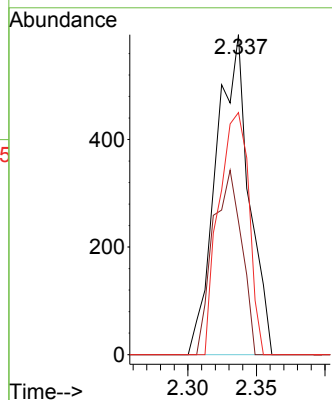
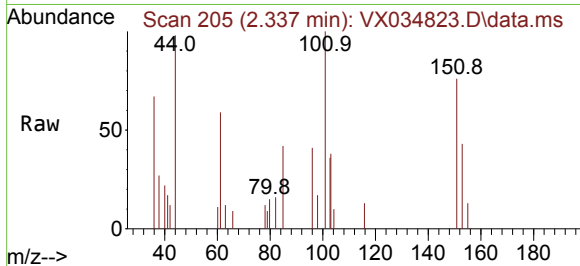




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.352 ug/l
RT: 2.337 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

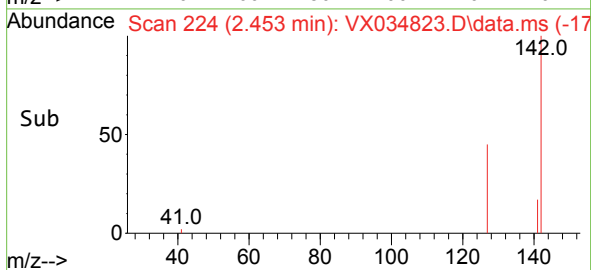
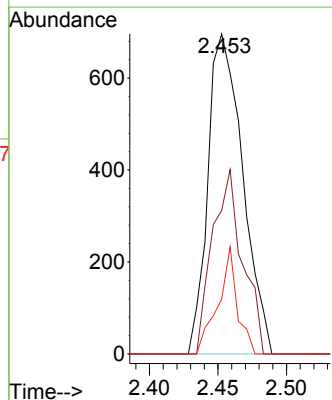
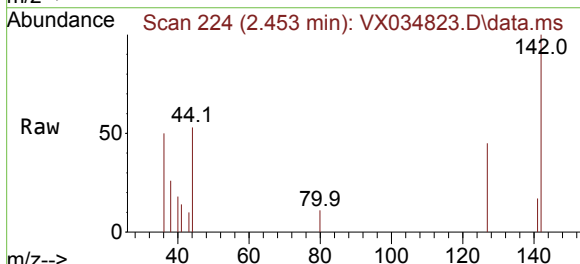
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

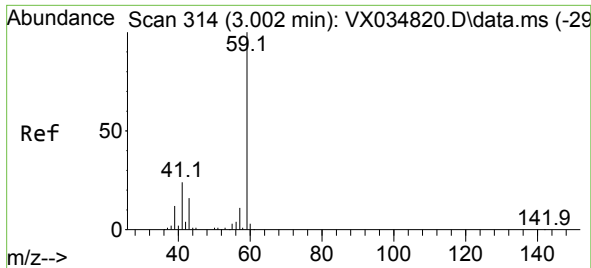
Tgt Ion:101 Resp: 994
Ion Ratio Lower Upper
101 100
85 50.1 35.4 53.2
151 69.1 60.2 90.4



#10
Methyl Iodide
Concen: 0.349 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion:142 Resp: 1229
Ion Ratio Lower Upper
142 100
127 49.9 34.0 51.0
141 18.4 11.1 16.7#

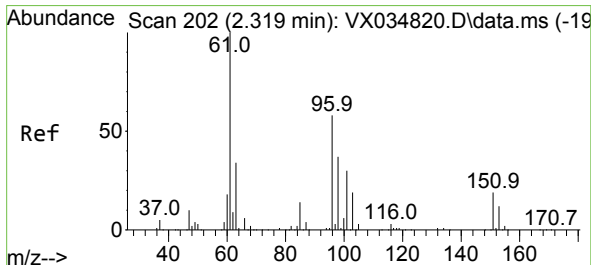
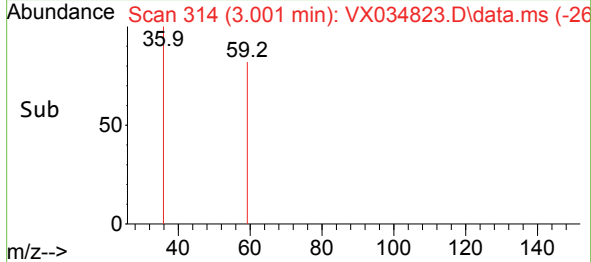
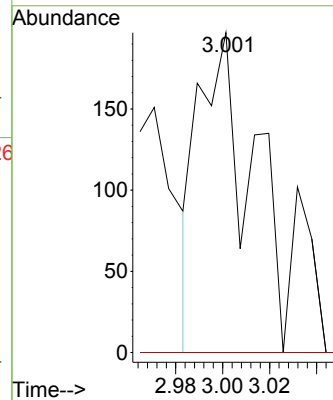
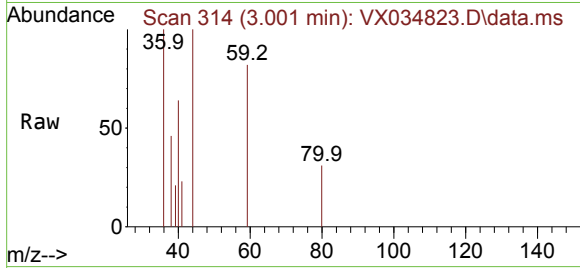




#11
Tert butyl alcohol
Concen: 0.425 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

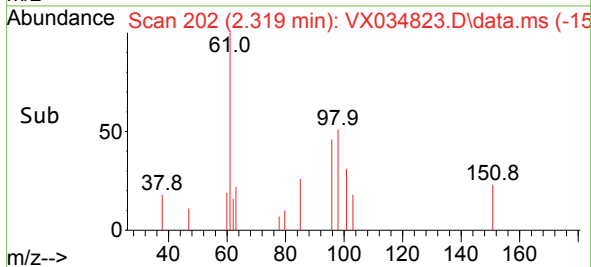
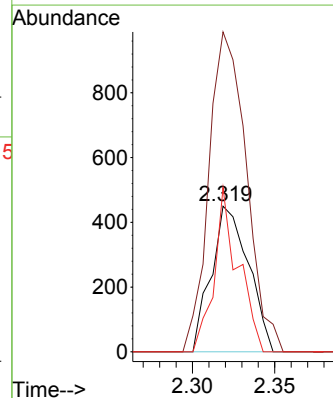
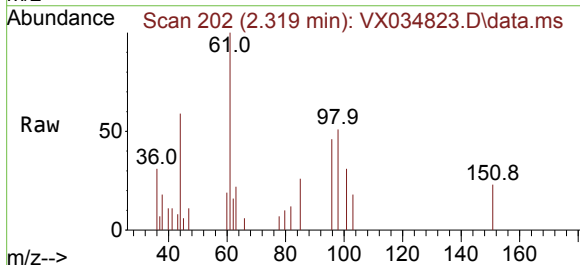
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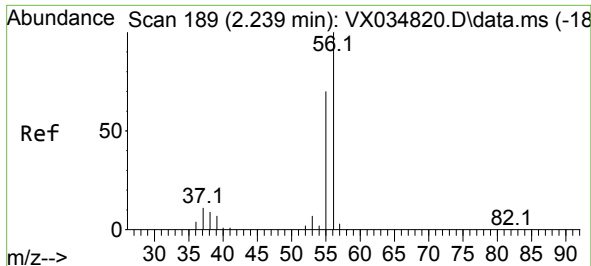
Tgt Ion: 59 Resp: 310
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 0.253 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 96 Resp: 708
Ion Ratio Lower Upper
96 100
61 219.6 128.8 193.2#
98 112.7 51.4 77.0#

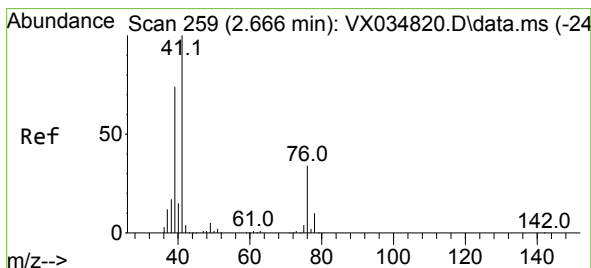
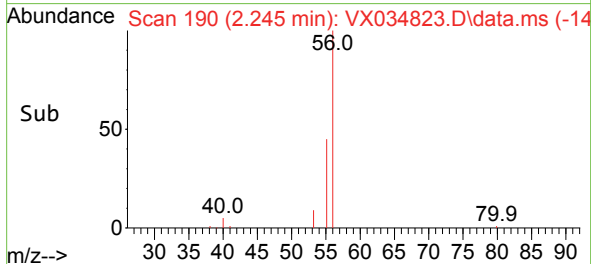
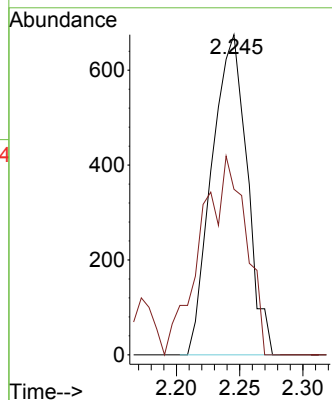
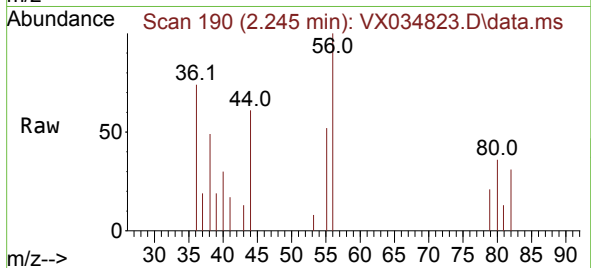




#13
Acrolein
Concen: 1.736 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

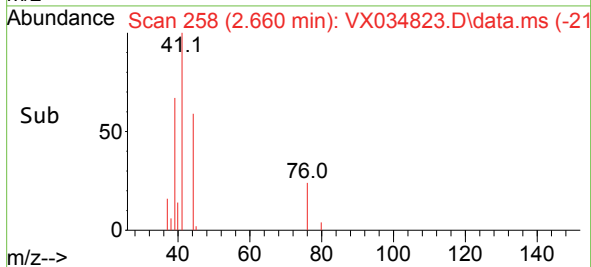
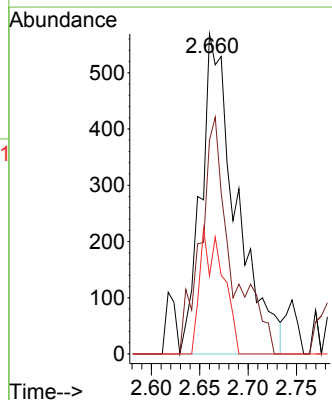
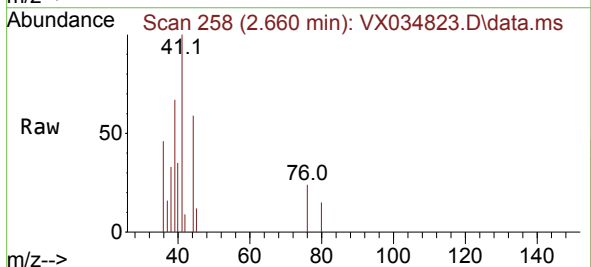
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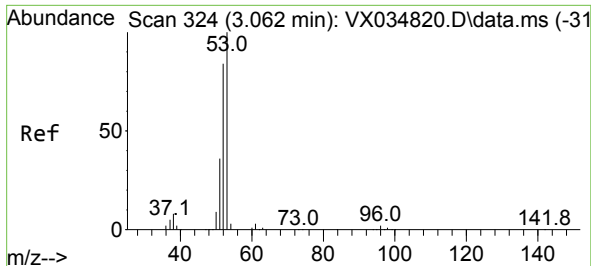
Tgt Ion: 56 Resp: 1305
Ion Ratio Lower Upper
56 100
55 79.8 56.6 85.0



#14
Allyl chloride
Concen: 0.263 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 41 Resp: 1442
Ion Ratio Lower Upper
41 100
39 64.5 52.4 78.6
76 25.4 26.0 39.0#

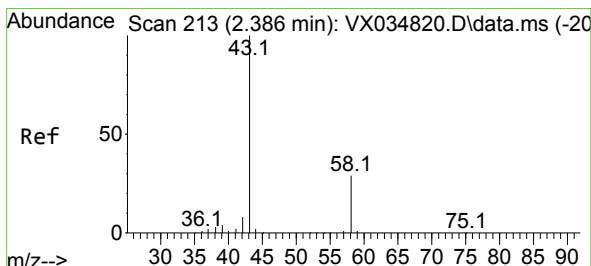
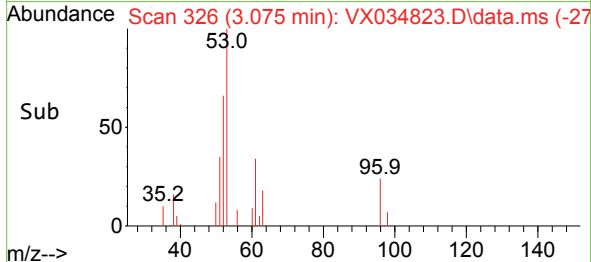
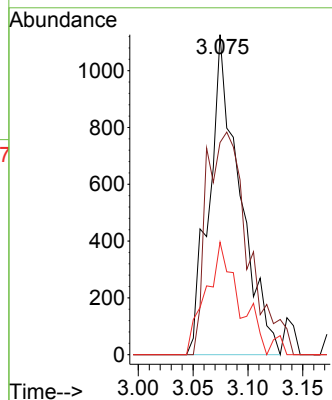
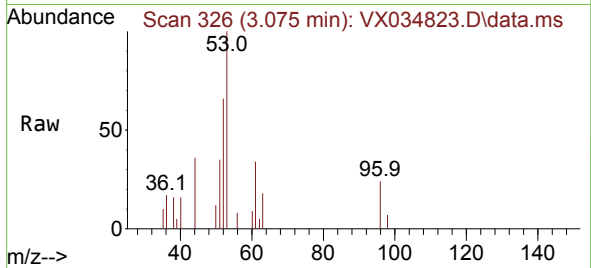




#15
Acrylonitrile
Concen: 1.323 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

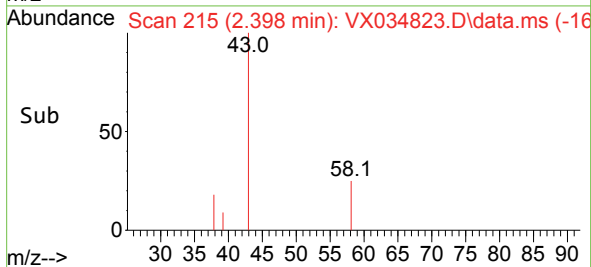
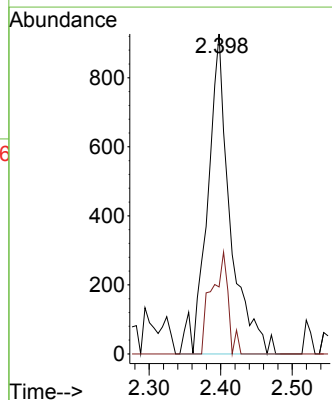
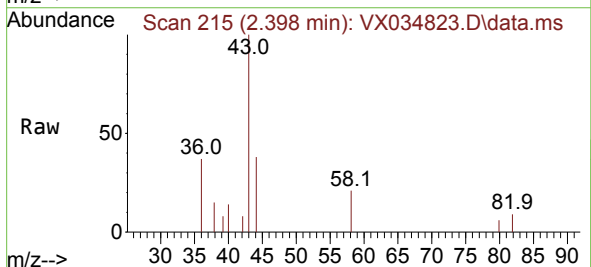
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

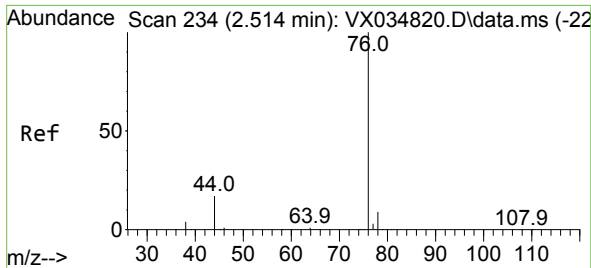
Tgt Ion: 53 Resp: 2174
Ion Ratio Lower Upper
53 100
52 95.7 66.2 99.2
51 38.1 28.3 42.5



#16
Acetone
Concen: 1.205 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 43 Resp: 2038
Ion Ratio Lower Upper
43 100
58 20.9 24.7 37.1#

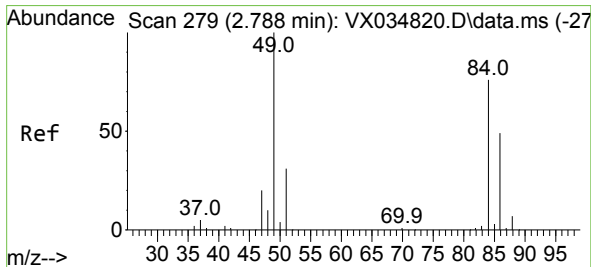
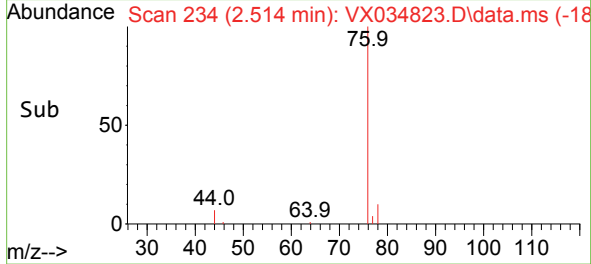
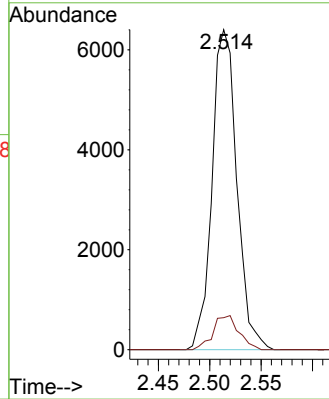
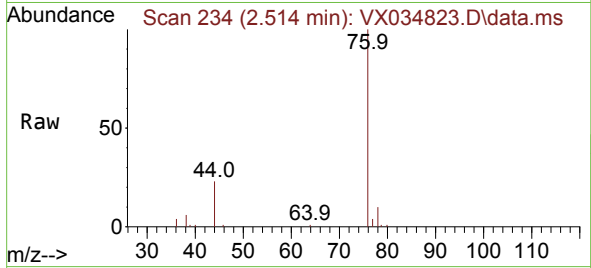




#17
Carbon Disulfide
Concen: 1.535 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

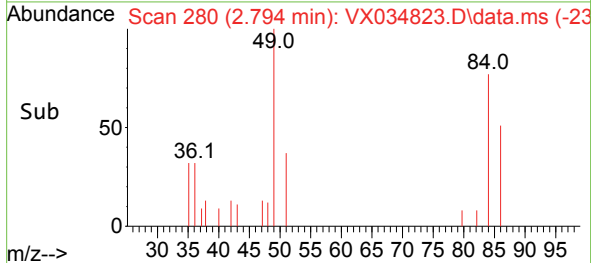
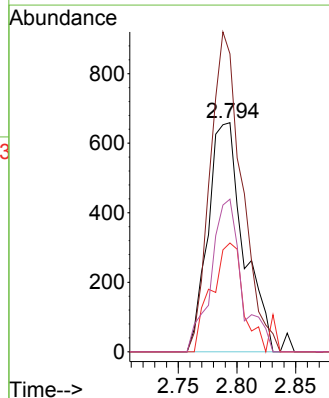
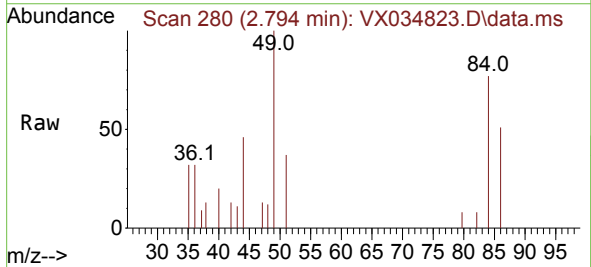
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

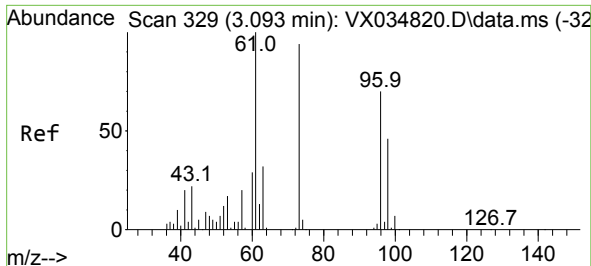
Tgt Ion: 76 Resp: 10742
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8



#20
Methylene Chloride
Concen: 0.415 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 84 Resp: 1383
Ion Ratio Lower Upper
84 100
49 130.0 103.8 155.8
51 47.5 31.8 47.8
86 66.6 51.4 77.2

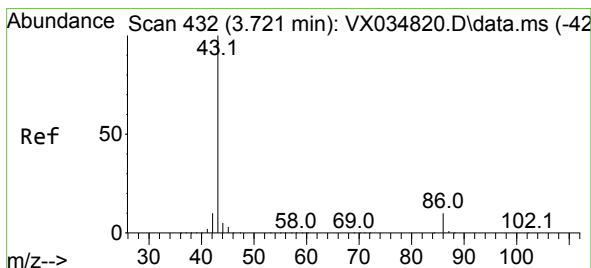
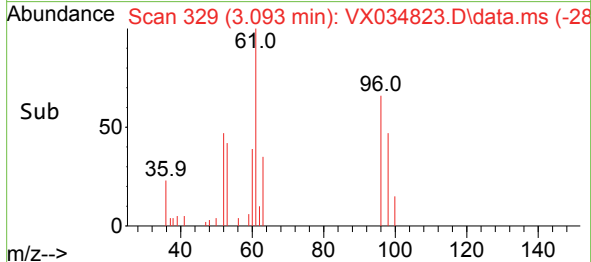
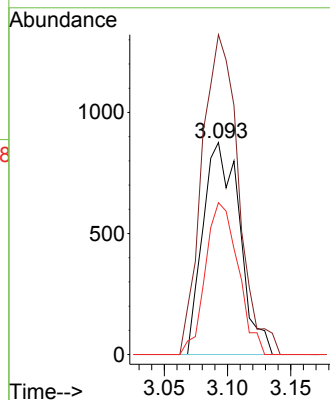
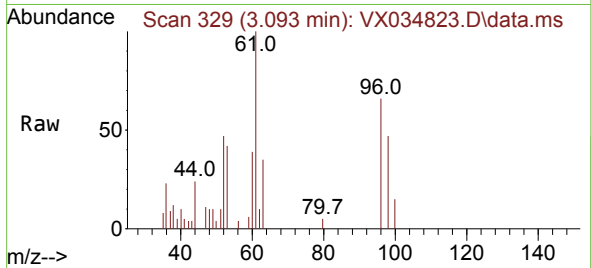




#21
trans-1,2-Dichloroethene
Concen: 0.578 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

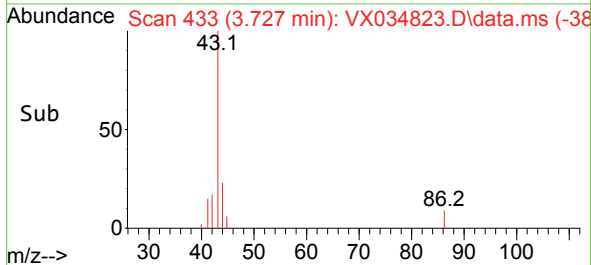
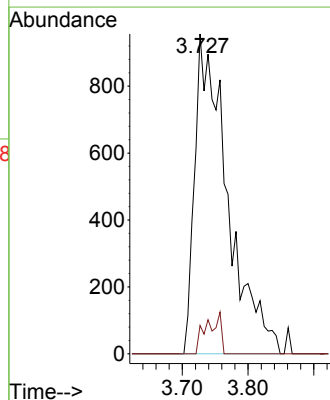
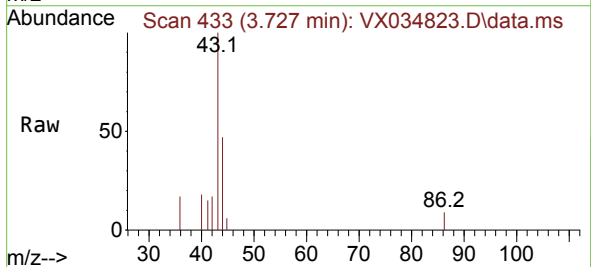
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

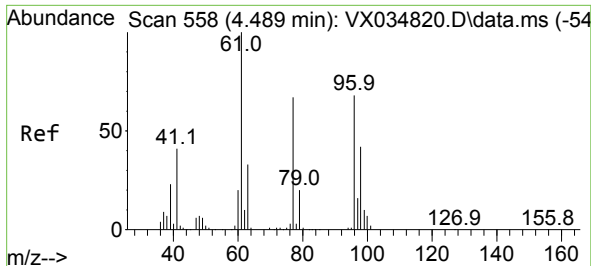
Tgt Ion: 96 Resp: 1761
Ion Ratio Lower Upper
96 100
61 150.8 113.0 169.6
98 71.6 52.1 78.1



#23
Vinyl Acetate
Concen: 0.417 ug/l
RT: 3.727 min Scan# 433
Delta R.T. 0.006 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 43 Resp: 3285
Ion Ratio Lower Upper
43 100
86 8.9 8.5 12.7





#27

cis-1,2-Dichloroethene

Concen: 0.206 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

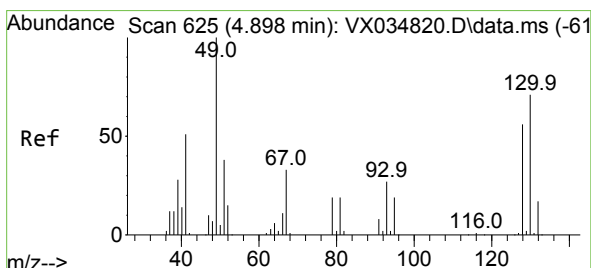
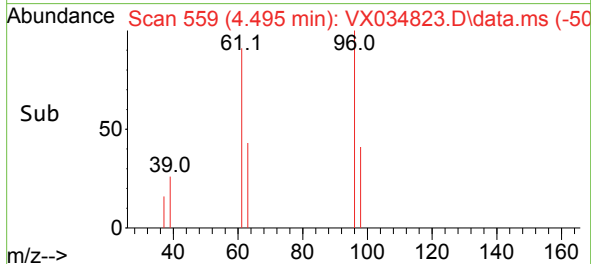
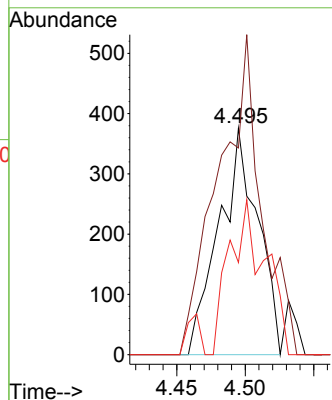
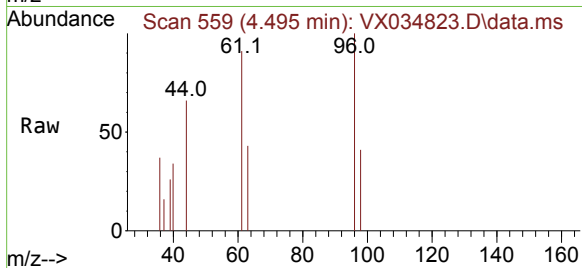
Tgt Ion: 96 Resp: 742

Ion Ratio Lower Upper

96 100

61 155.1 0.0 300.4

98 63.6 0.0 129.0



#28

Bromochloromethane

Concen: 0.202 ug/l

RT: 4.916 min Scan# 628

Delta R.T. 0.018 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

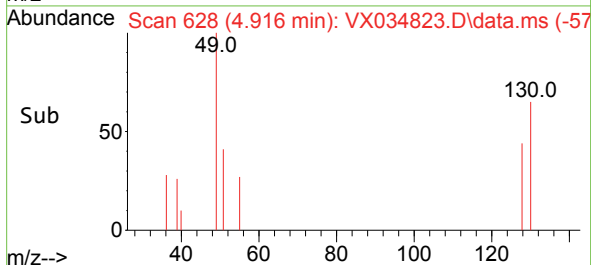
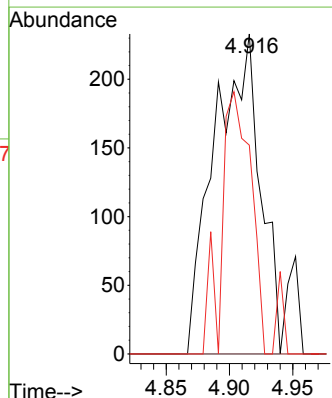
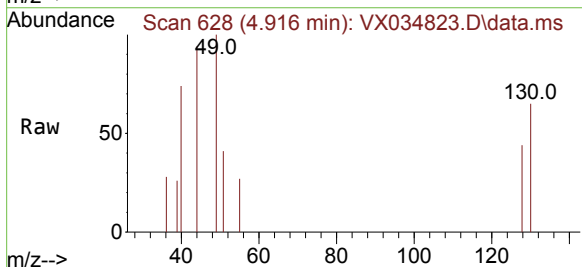
Tgt Ion: 49 Resp: 588

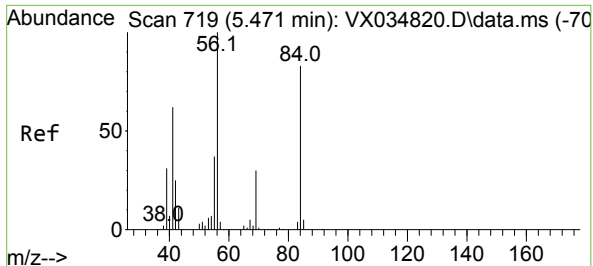
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.0

130 52.6 58.2 87.2#

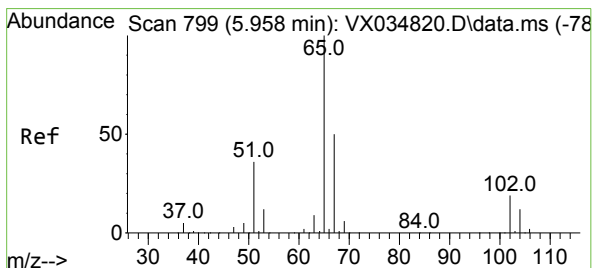
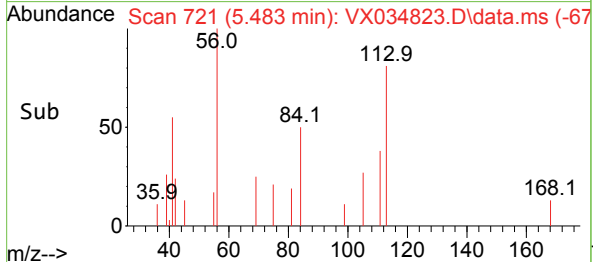
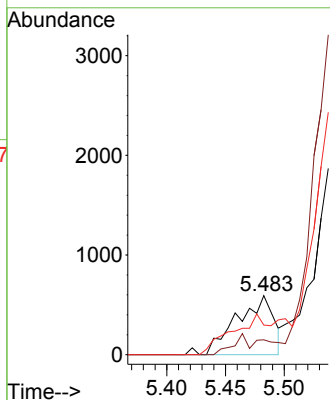
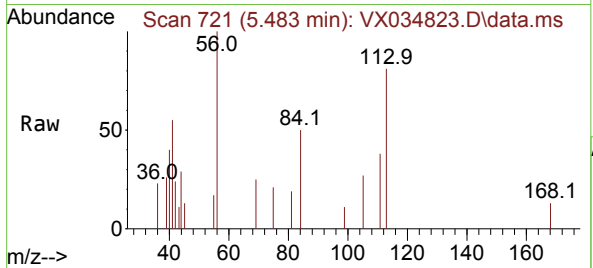




#31
Cyclohexane
Concen: 0.258 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.012 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

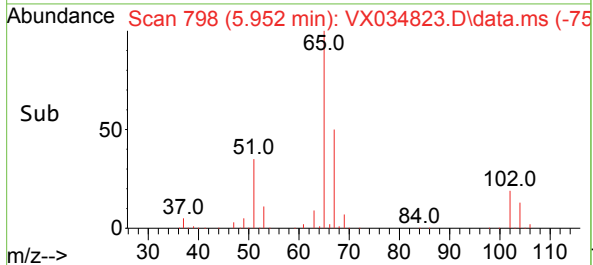
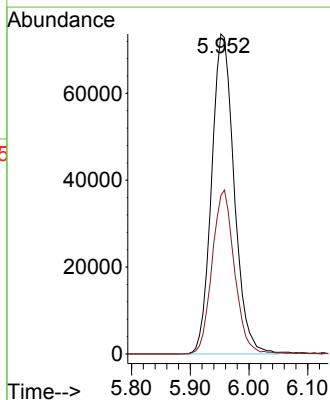
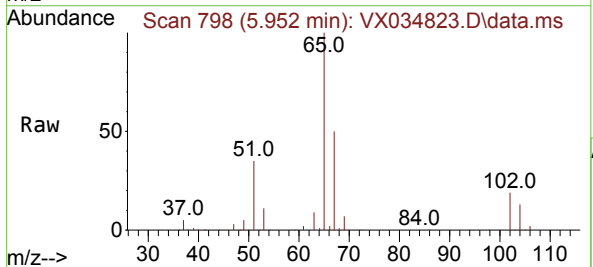
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

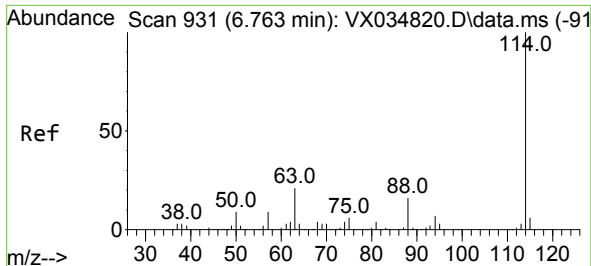
Tgt Ion: 56 Resp: 1308
Ion Ratio Lower Upper
56 100
69 25.2 23.7 35.5
84 50.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.182 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 65 Resp: 196373
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

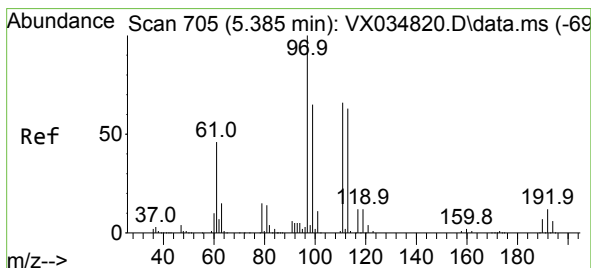
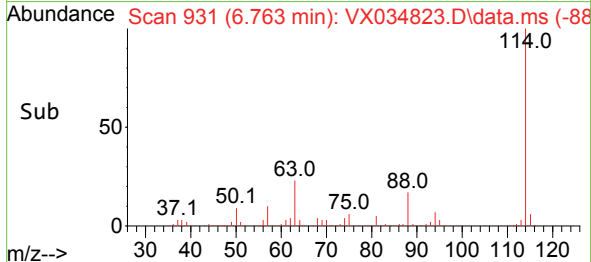
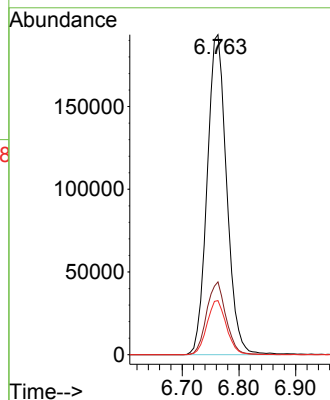
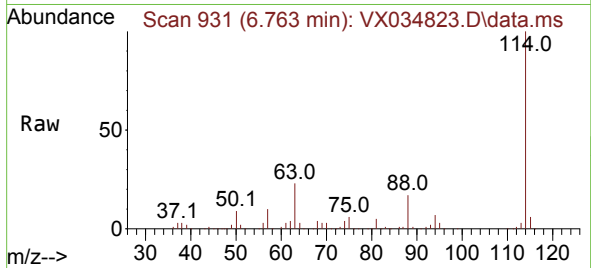




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

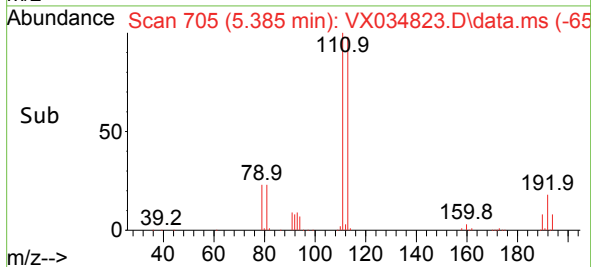
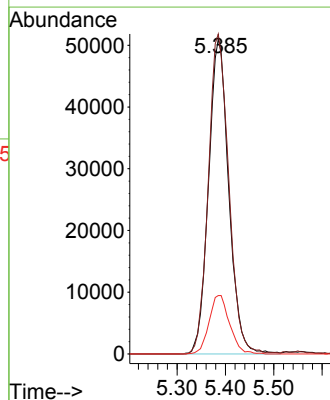
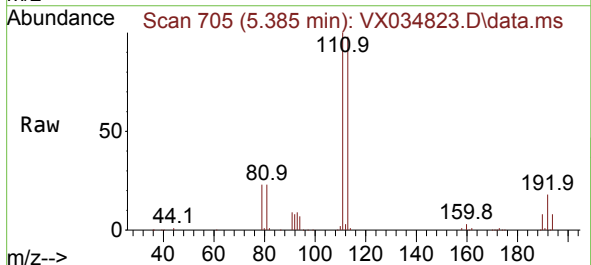
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

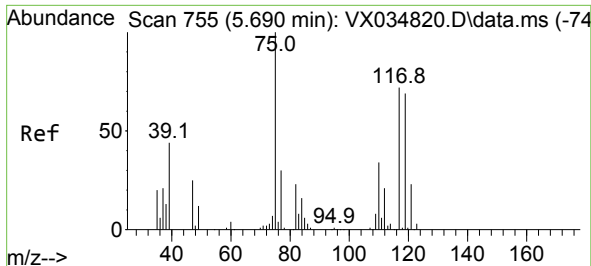
Tgt Ion:114 Resp: 462445
Ion Ratio Lower Upper
114 100
63 22.8 0.0 42.2
88 16.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.373 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion:113 Resp: 147958
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.9 15.4 23.2

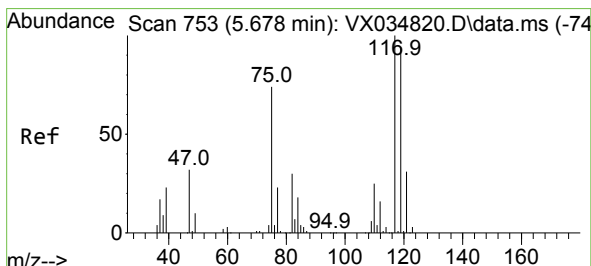
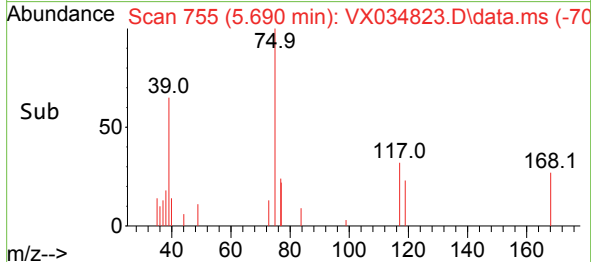
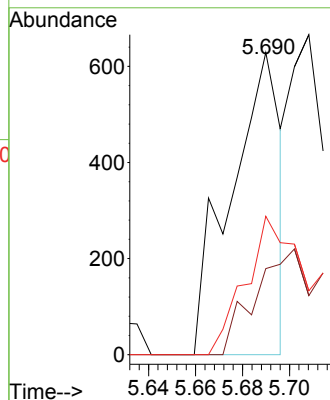
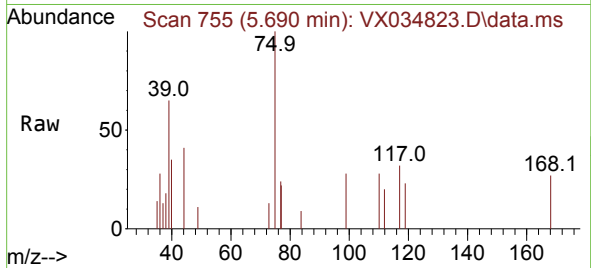




#36
1,1-Dichloropropene
Concen: 0.205 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

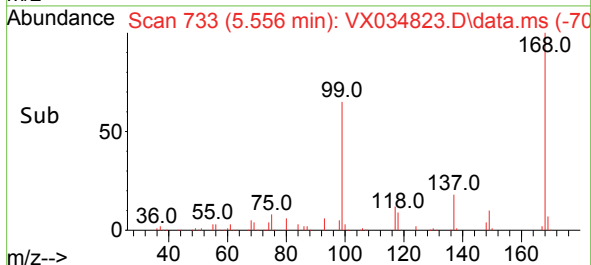
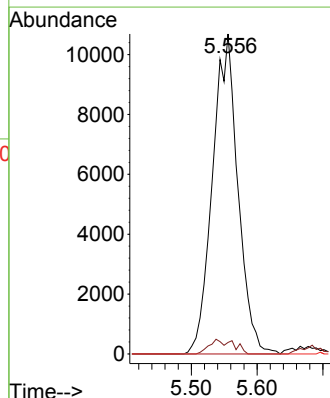
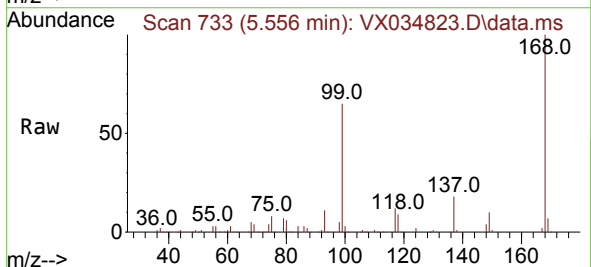
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

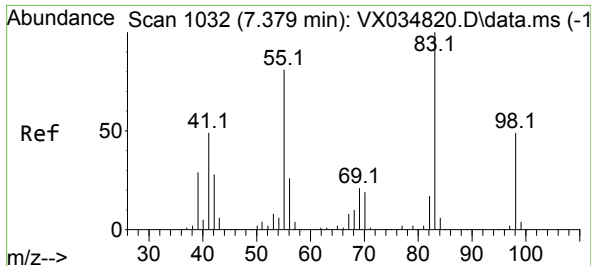
Tgt Ion: 75 Resp: 929
Ion Ratio Lower Upper
75 100
110 49.4 17.5 52.5
77 63.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.727 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 117 Resp: 28740
Ion Ratio Lower Upper
117 100
119 3.6 76.6 114.8#
121 0.0 23.8 35.6#





#39

Methylcyclohexane

Concen: 0.348 ug/l

RT: 7.373 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

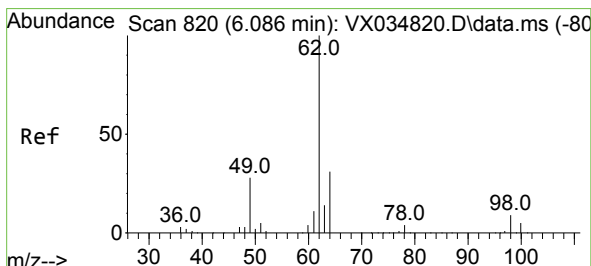
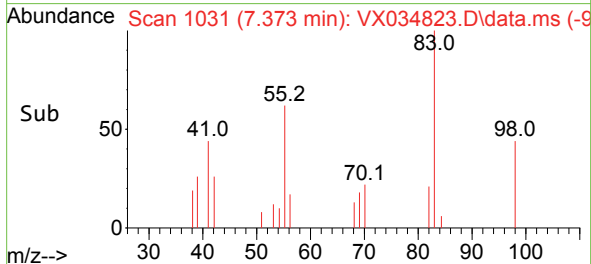
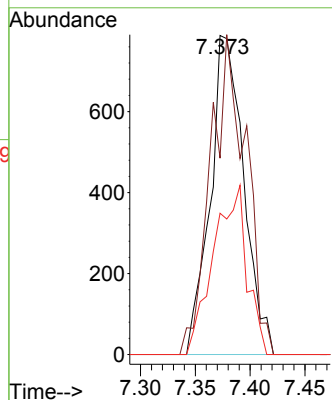
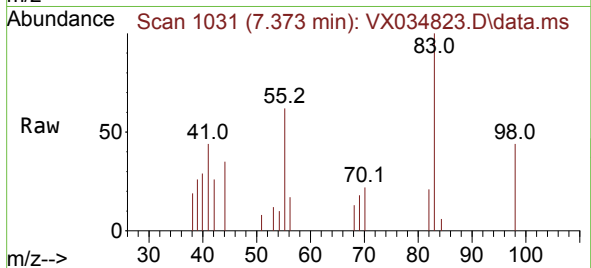
Tgt Ion: 83 Resp: 1676

Ion Ratio Lower Upper

83 100

55 61.5 60.5 90.7

98 44.3 40.4 60.6



#42

1,2-Dichloroethane

Concen: 0.232 ug/l

RT: 6.111 min Scan# 824

Delta R.T. 0.024 min

Lab File: VX034823.D

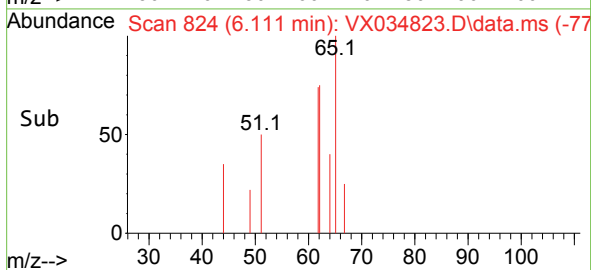
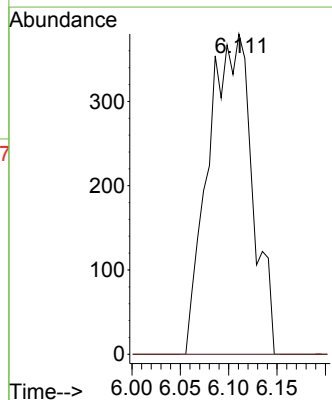
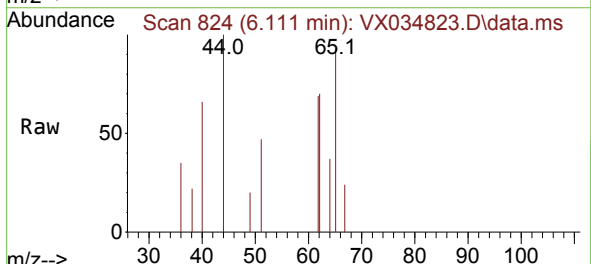
Acq: 29 Mar 2023 11:55

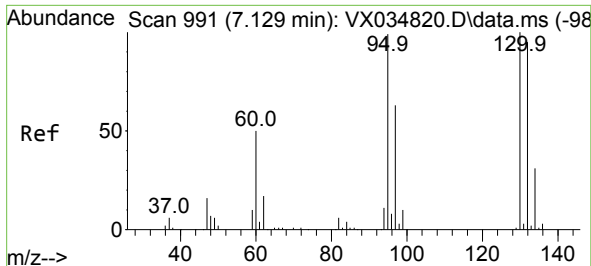
Tgt Ion: 62 Resp: 1202

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.0

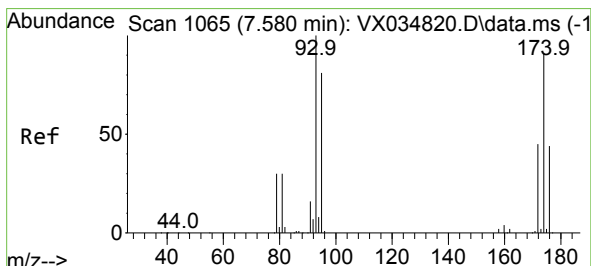
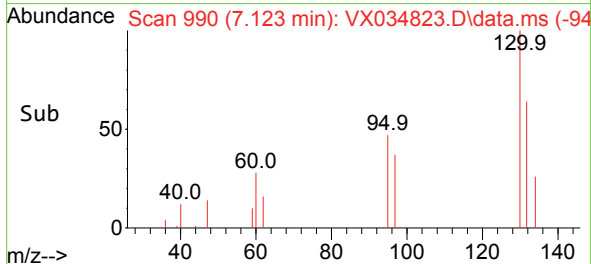
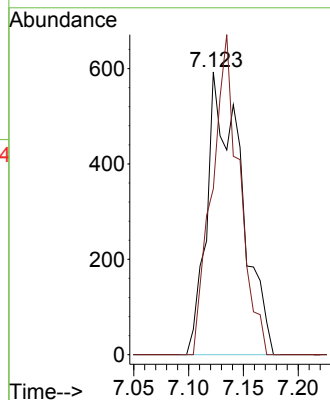
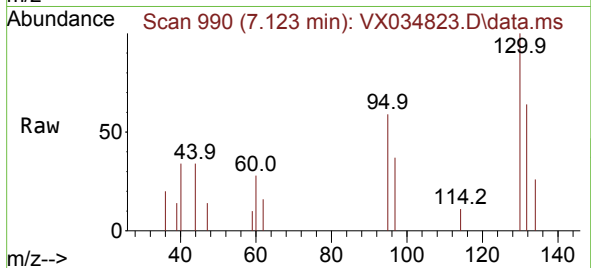




#44
Trichloroethene
Concen: 0.387 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

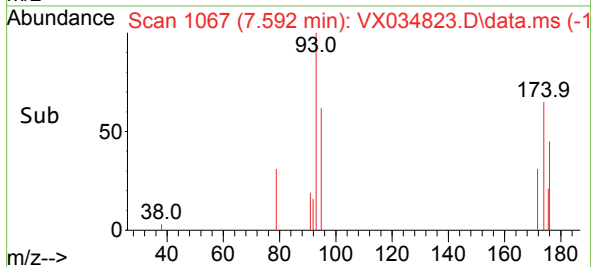
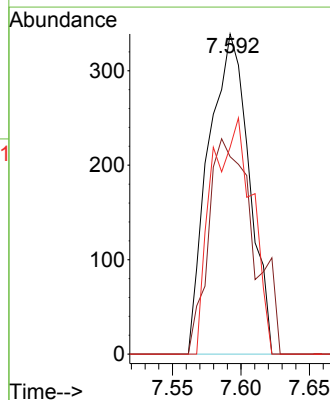
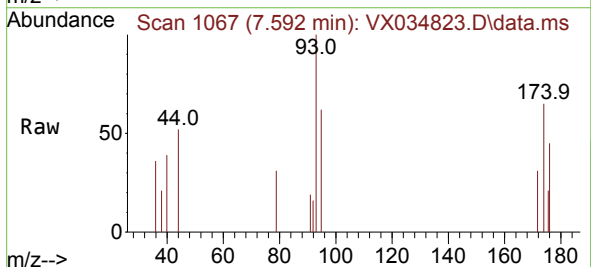
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

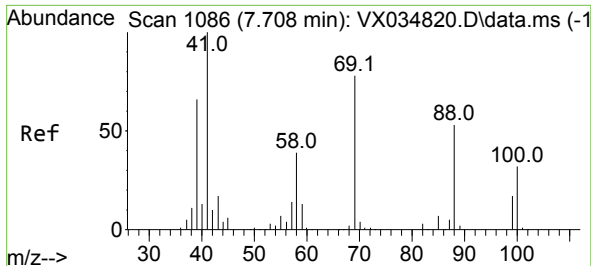
Tgt Ion:130 Resp: 1284
Ion Ratio Lower Upper
130 100
95 58.7 0.0 198.4



#46
Dibromomethane
Concen: 0.299 ug/l
RT: 7.592 min Scan# 1067
Delta R.T. 0.012 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 93 Resp: 697
Ion Ratio Lower Upper
93 100
95 74.3 66.9 100.3
174 74.3 75.4 113.0#





#49

1,4-Dioxane

Concen: 0.985 ug/l

RT: 7.738 min Scan# 1091

Delta R.T. 0.030 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

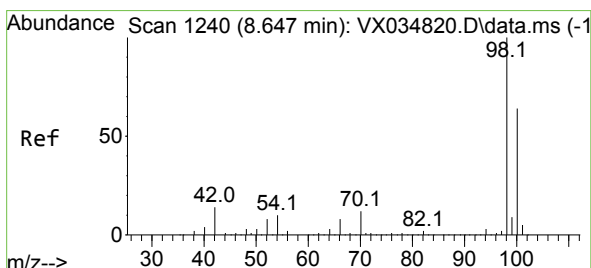
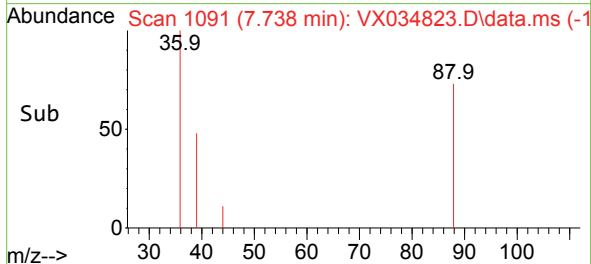
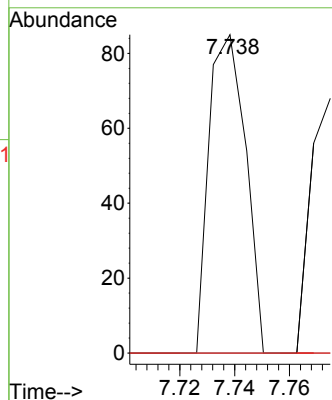
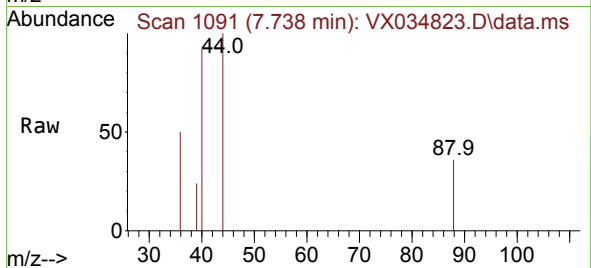
Tgt Ion: 88 Resp: 79

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 49.170 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX034823.D

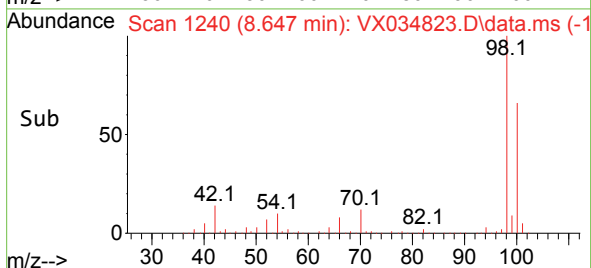
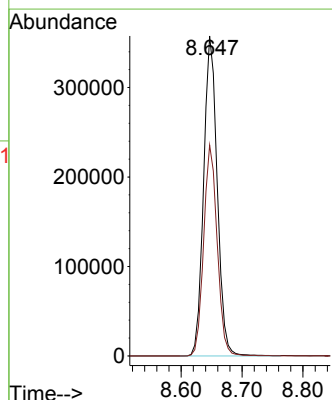
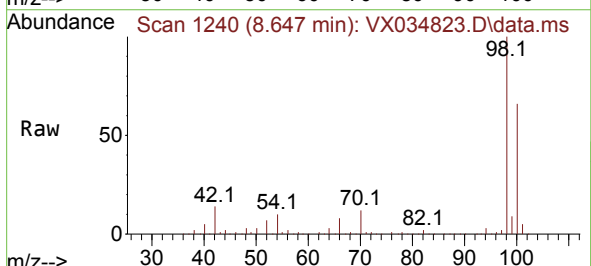
Acq: 29 Mar 2023 11:55

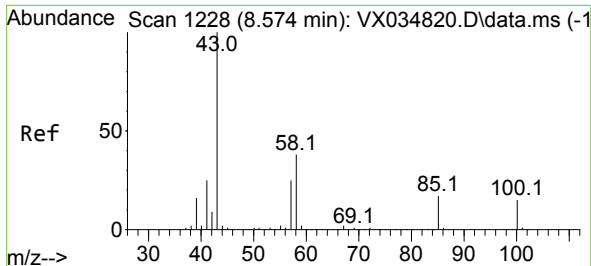
Tgt Ion: 98 Resp: 555124

Ion Ratio Lower Upper

98 100

100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.226 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

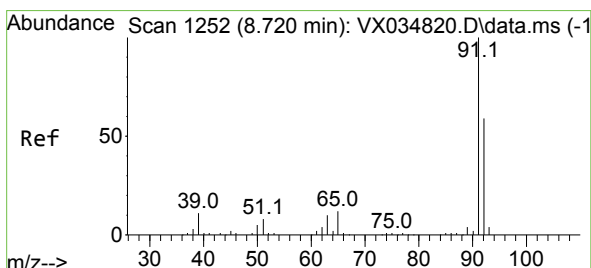
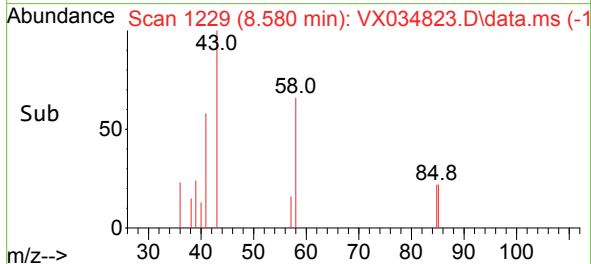
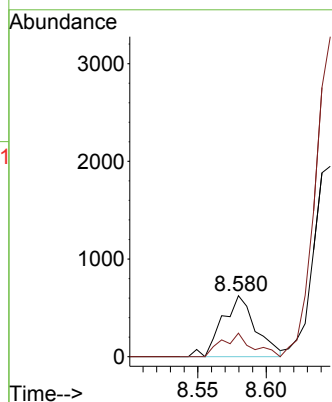
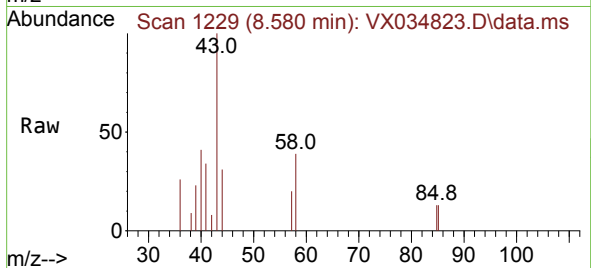
VIBLK

Tgt Ion: 43 Resp: 1061

Ion Ratio Lower Upper

43 100

58 34.6 30.6 46.0



#52

Toluene

Concen: 0.257 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX034823.D

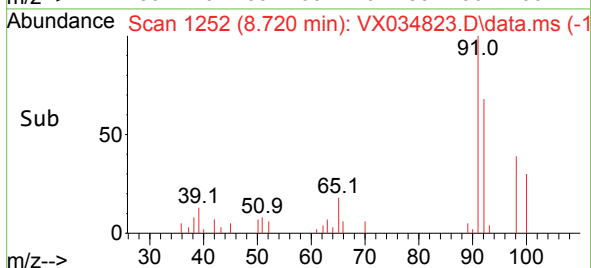
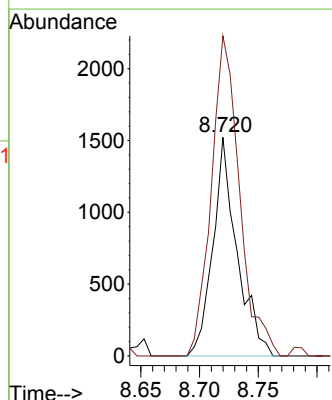
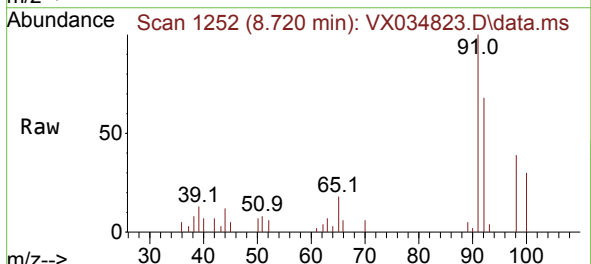
Acq: 29 Mar 2023 11:55

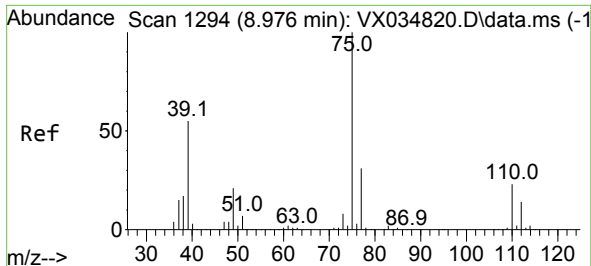
Tgt Ion: 92 Resp: 2177

Ion Ratio Lower Upper

92 100

91 171.5 136.8 205.2

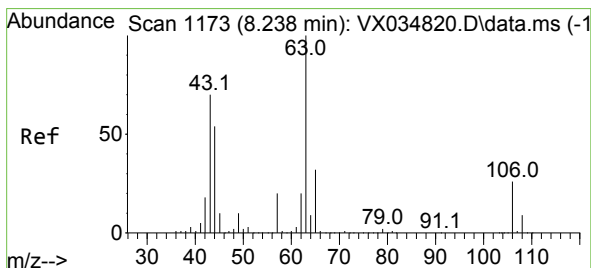
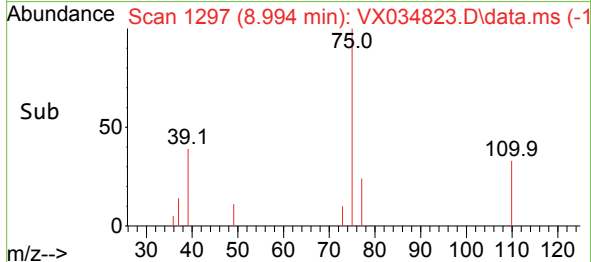
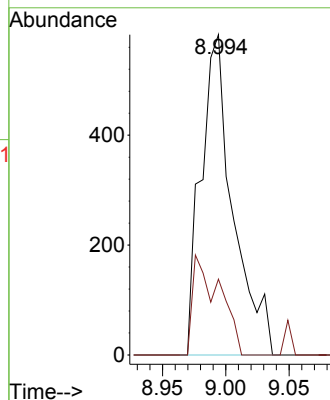
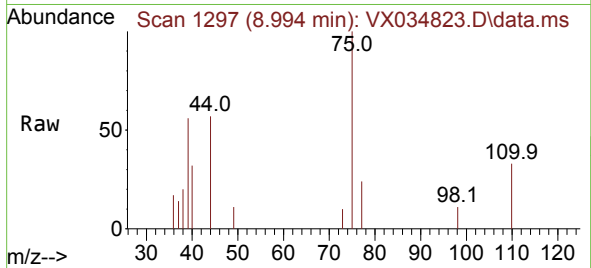




#53
t-1,3-Dichloropropene
Concen: 0.221 ug/l
RT: 8.994 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

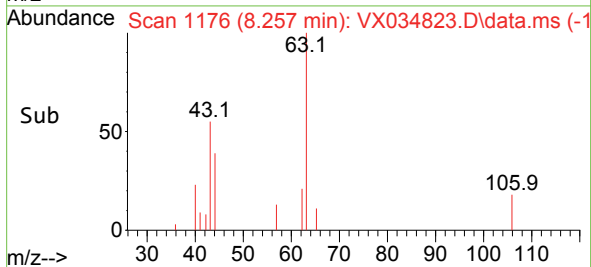
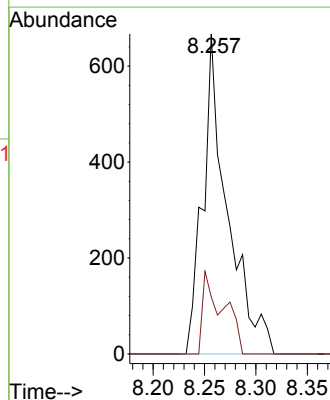
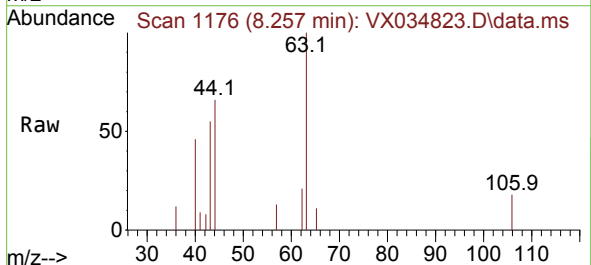
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

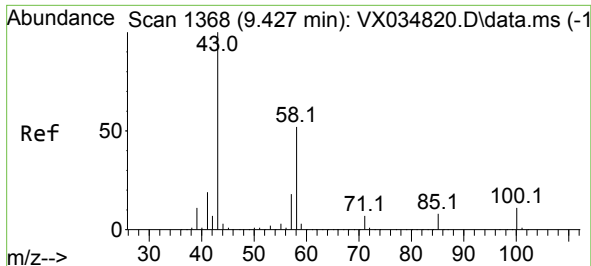
Tgt Ion: 75 Resp: 1026
Ion Ratio Lower Upper
75 100
77 23.7 25.4 38.2#



#58
2-Chloroethyl Vinyl ether
Concen: 0.434 ug/l
RT: 8.257 min Scan# 1176
Delta R.T. 0.018 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 63 Resp: 1112
Ion Ratio Lower Upper
63 100
106 21.3 22.2 33.2#





#59

2-Hexanone

Concen: 0.311 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.018 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

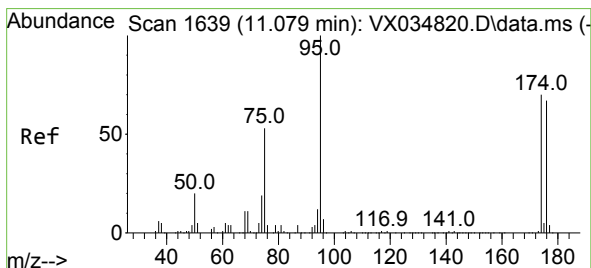
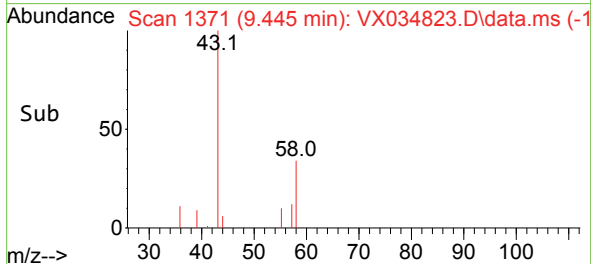
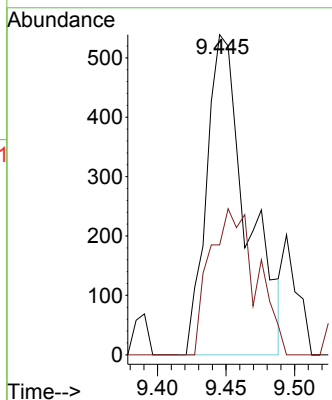
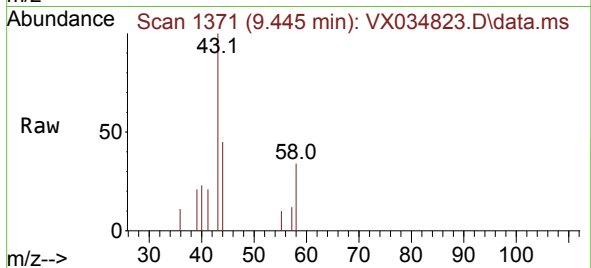
VIBLK

Tgt Ion: 43 Resp: 1105

Ion Ratio Lower Upper

43 100

58 52.5 26.3 78.9



#62

4-Bromofluorobenzene

Concen: 46.791 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

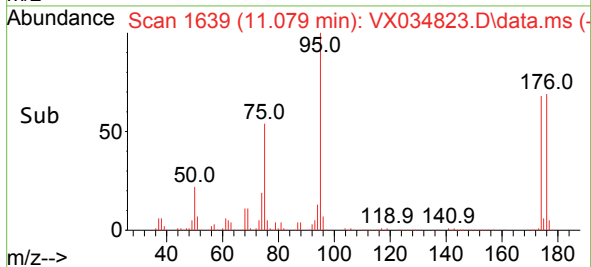
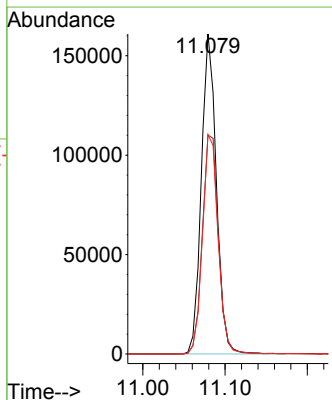
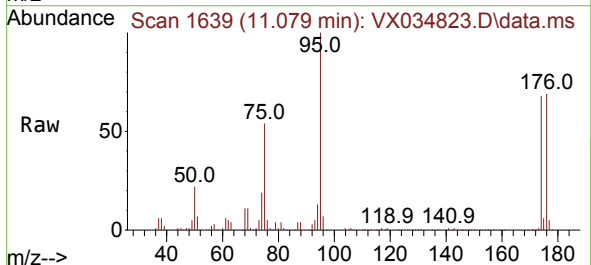
Tgt Ion: 95 Resp: 204426

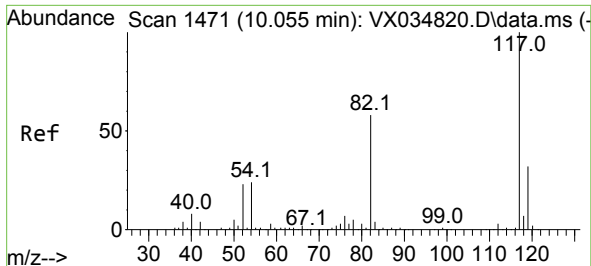
Ion Ratio Lower Upper

95 100

174 72.8 0.0 147.4

176 71.2 0.0 140.6

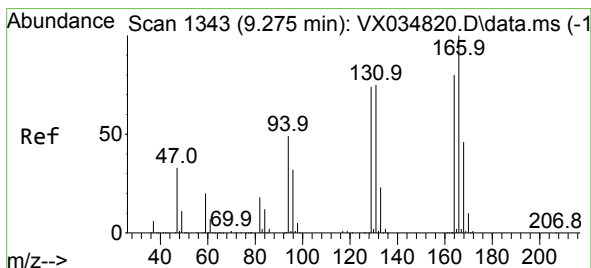
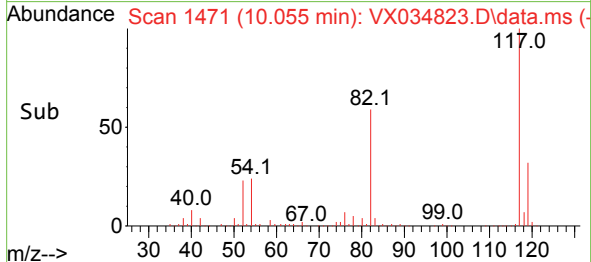
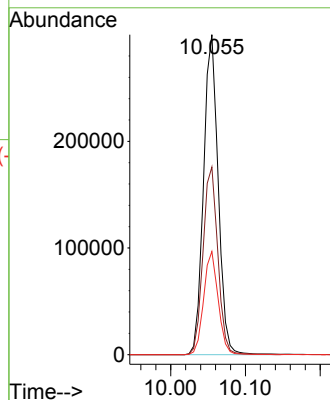
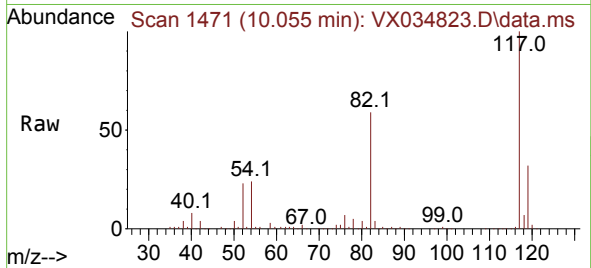




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

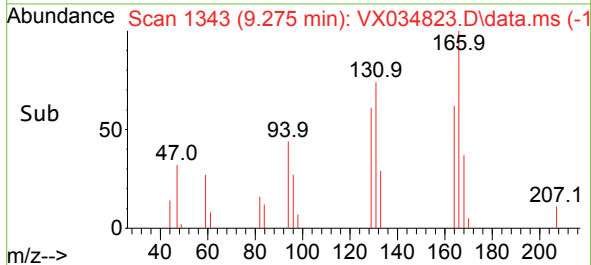
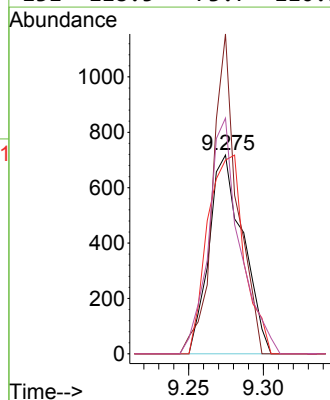
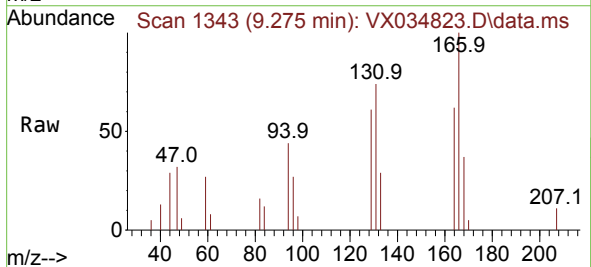
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

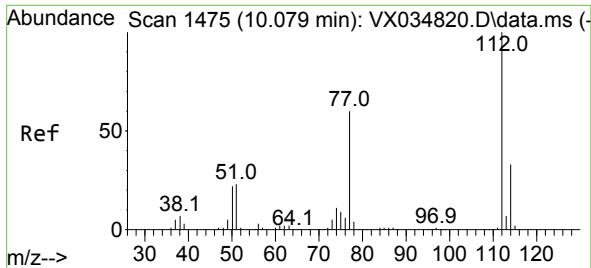
Tgt Ion:117 Resp: 407324
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 32.2 26.0 39.0



#64
Tetrachloroethene
Concen: 0.390 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion:164 Resp: 1136
Ion Ratio Lower Upper
164 100
166 160.9 102.7 154.1#
129 97.5 75.6 113.4
131 118.5 73.7 110.5#

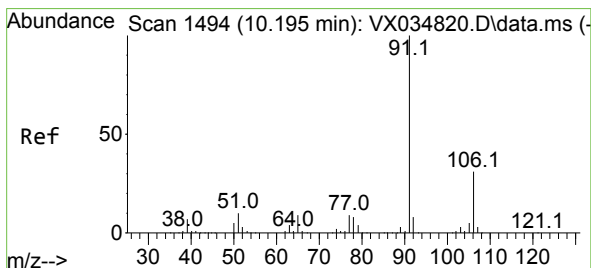
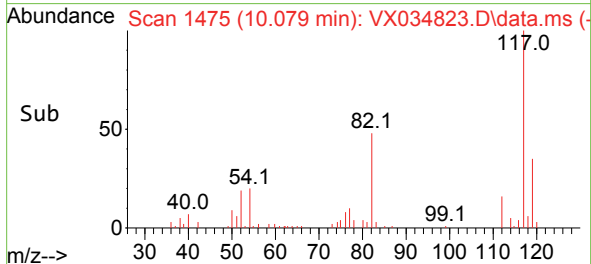
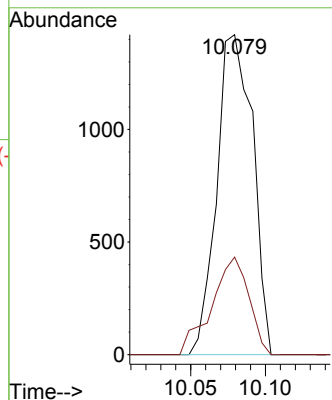
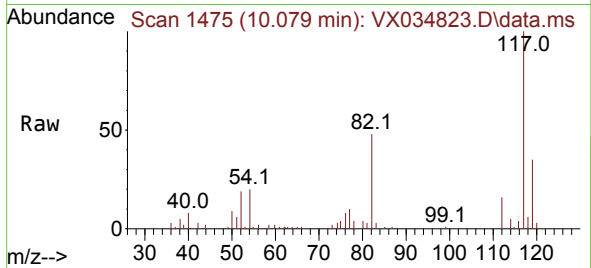




#65
Chlorobenzene
Concen: 0.280 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

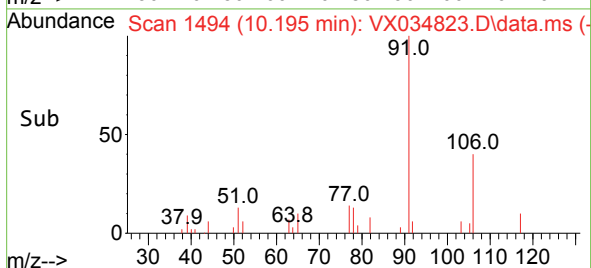
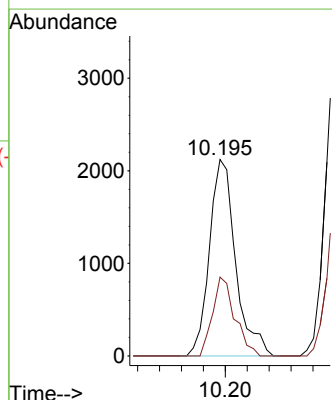
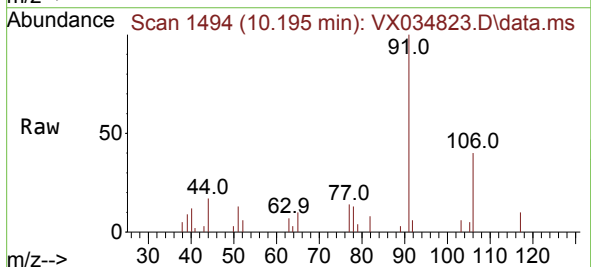
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

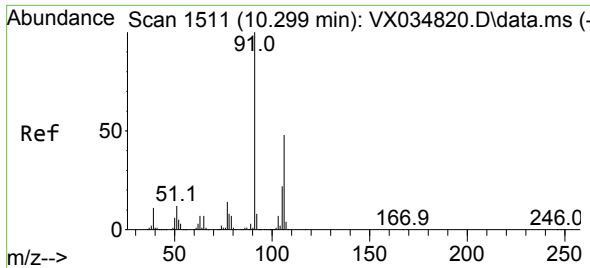
Tgt Ion:112 Resp: 2373
Ion Ratio Lower Upper
112 100
114 30.5 26.2 39.2



#67
Ethyl Benzene
Concen: 0.229 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 91 Resp: 3520
Ion Ratio Lower Upper
91 100
106 40.1 25.6 38.4#





#68

m/p-Xylenes

Concen: 0.525 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

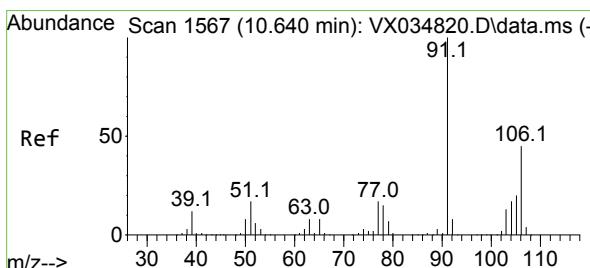
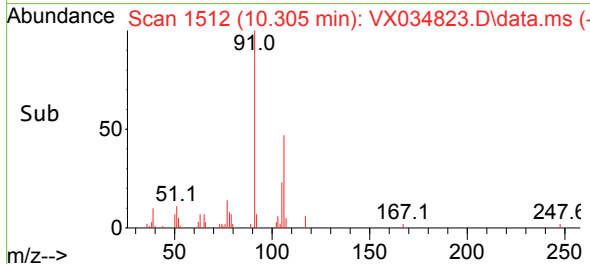
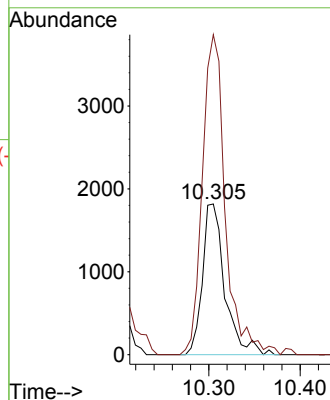
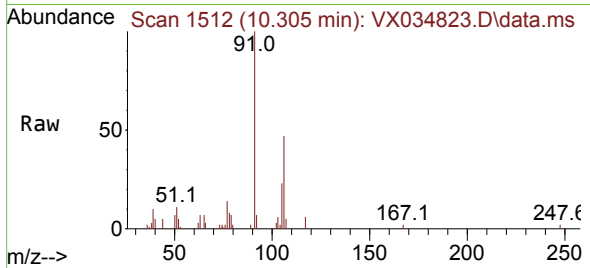
VIBLK

Tgt Ion:106 Resp: 3078

Ion Ratio Lower Upper

106 100

91 217.5 164.0 246.0



#69

o-Xylene

Concen: 0.204 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX034823.D

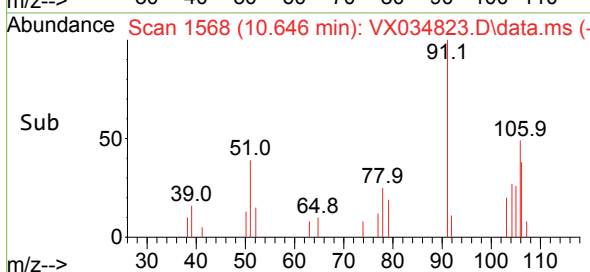
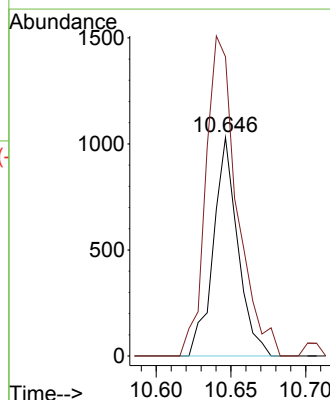
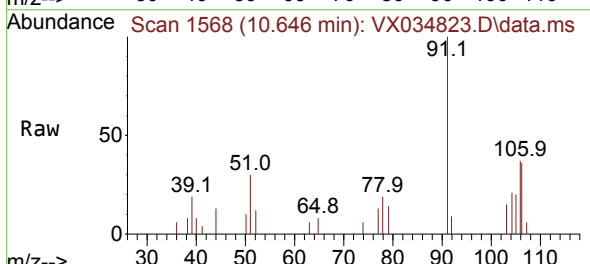
Acq: 29 Mar 2023 11:55

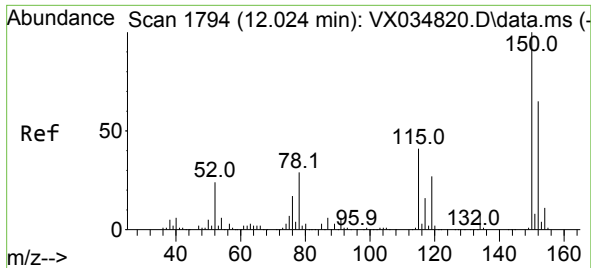
Tgt Ion:106 Resp: 1174

Ion Ratio Lower Upper

106 100

91 186.7 108.5 325.3

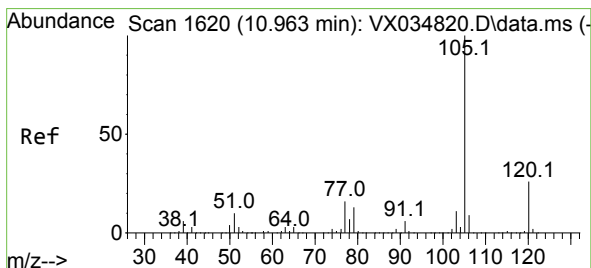
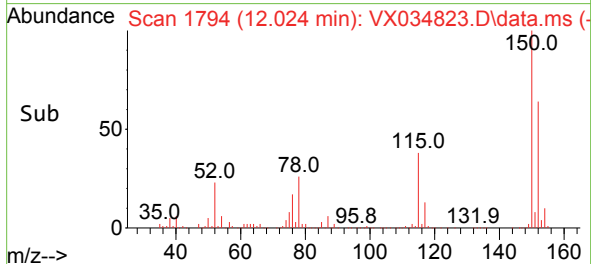
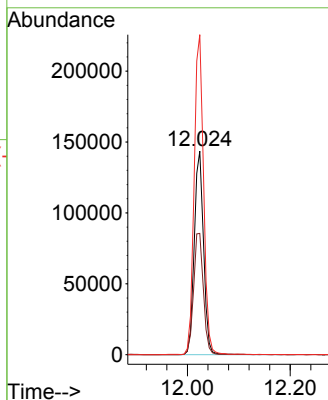
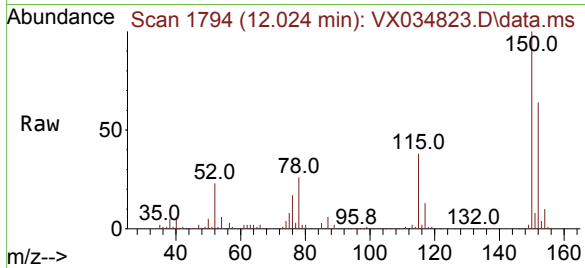




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

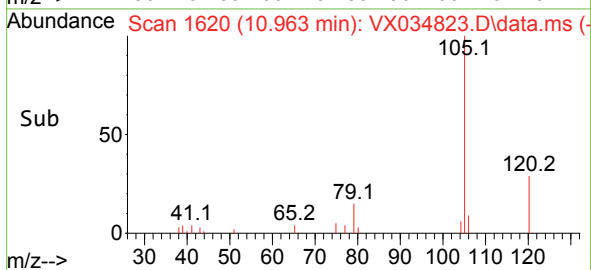
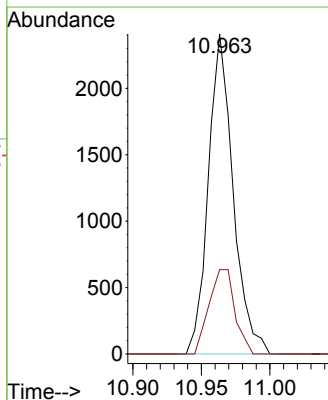
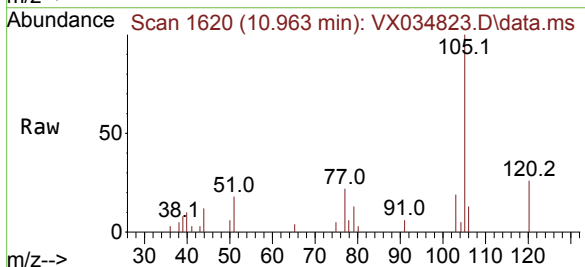
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

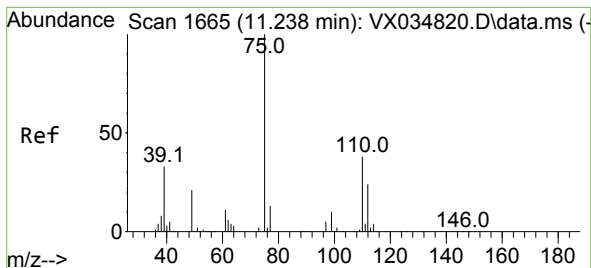
Tgt Ion:152 Resp: 180565
Ion Ratio Lower Upper
152 100
115 62.7 45.0 135.0
150 159.1 0.0 352.4



#73
Isopropylbenzene
Concen: 0.229 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion:105 Resp: 3027
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.9





#76

1,2,3-Trichloropropane

Concen: 27.184 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

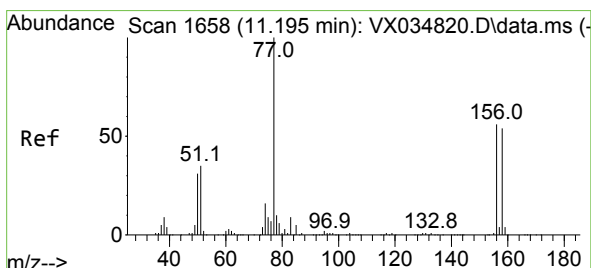
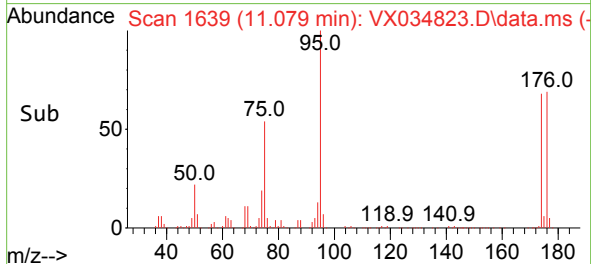
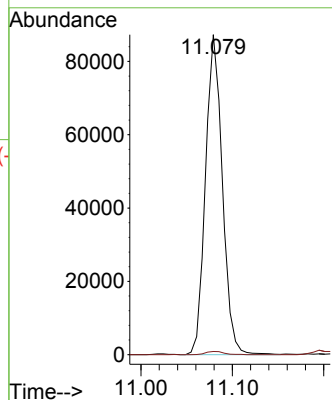
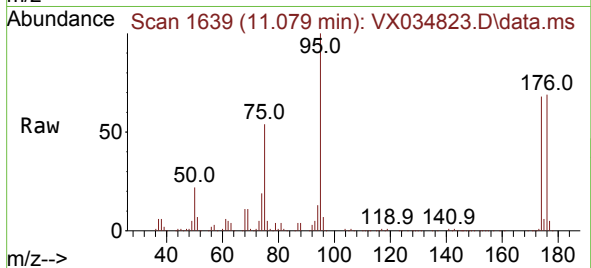
VIBLK

Tgt Ion: 75 Resp: 111705

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#



#77

Bromobenzene

Concen: 0.284 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

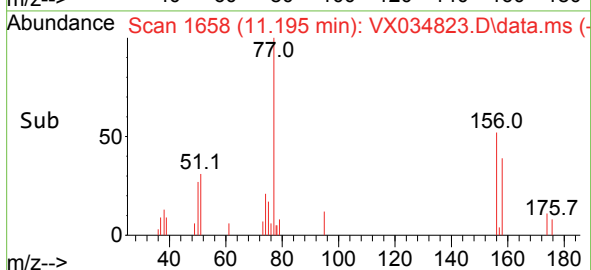
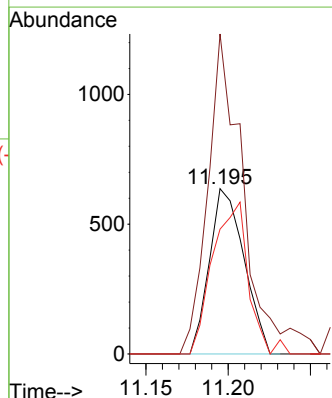
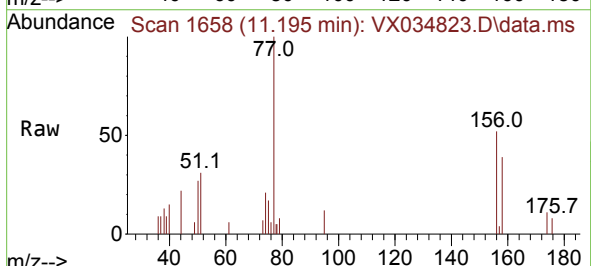
Tgt Ion: 156 Resp: 932

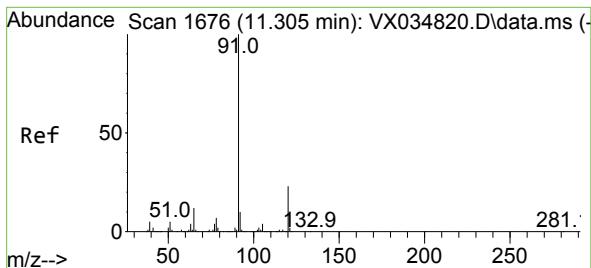
Ion Ratio Lower Upper

156 100

77 199.5 86.7 259.9

158 94.6 48.0 144.0





#78

n-propylbenzene

Concen: 0.373 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

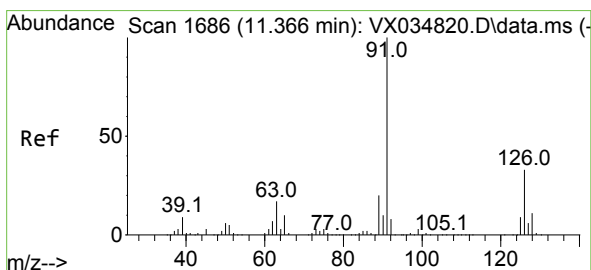
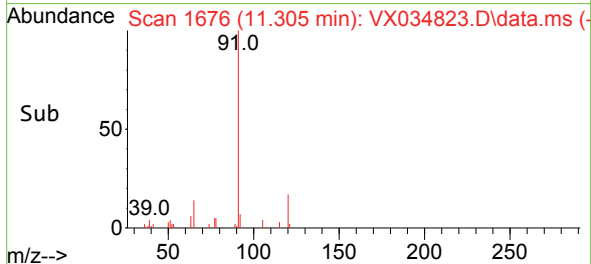
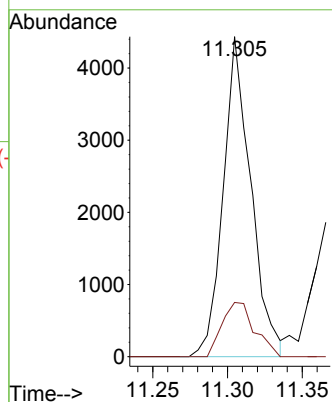
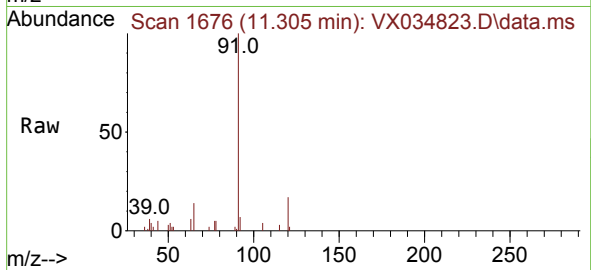
VIBLK

Tgt Ion: 91 Resp: 5700

Ion Ratio Lower Upper

91 100

120 20.0 11.5 34.5



#79

2-Chlorotoluene

Concen: 0.316 ug/l

RT: 11.372 min Scan# 1687

Delta R.T. 0.006 min

Lab File: VX034823.D

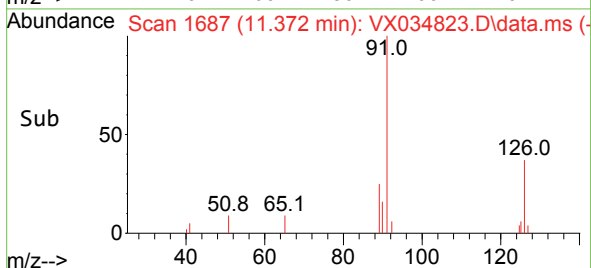
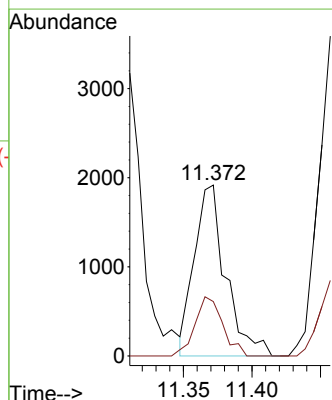
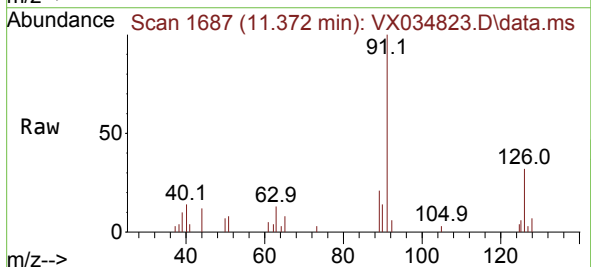
Acq: 29 Mar 2023 11:55

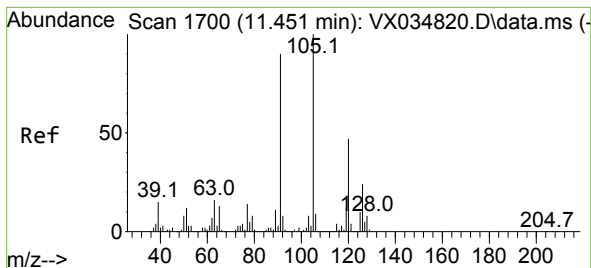
Tgt Ion: 91 Resp: 3049

Ion Ratio Lower Upper

91 100

126 30.6 16.3 48.9





#80

1,3,5-Trimethylbenzene

Concen: 0.294 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

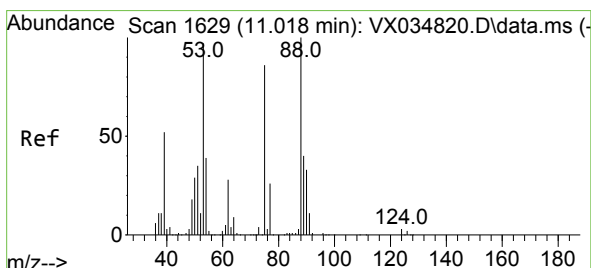
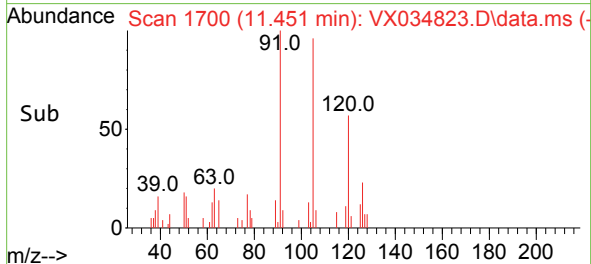
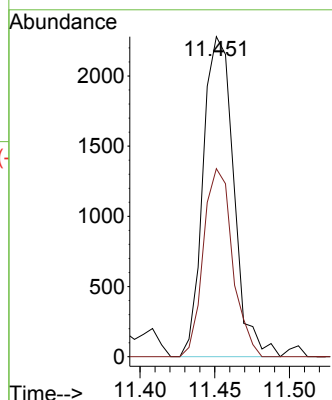
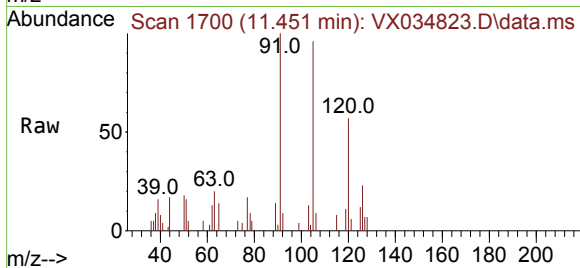
VIBLK

Tgt Ion:105 Resp: 3255

Ion Ratio Lower Upper

105 100

120 55.8 23.7 71.1



#81

trans-1,4-Dichloro-2-butene

Concen: 92.014 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

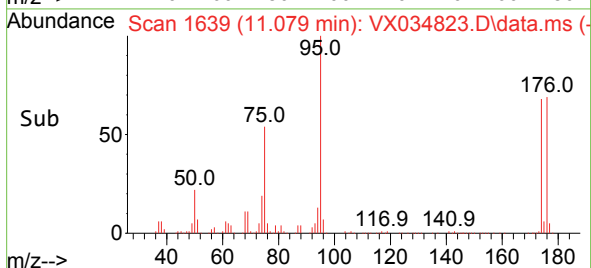
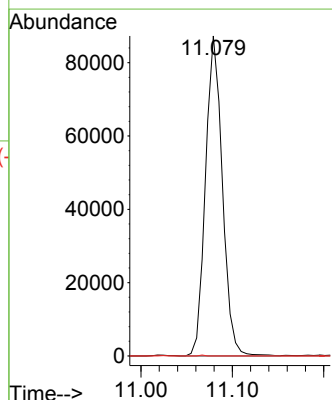
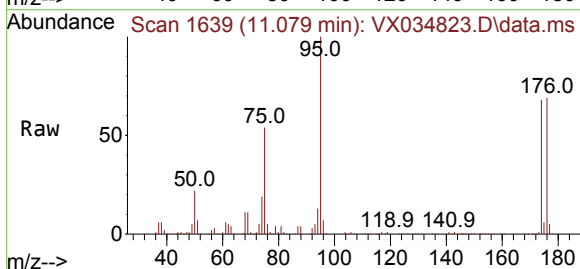
Tgt Ion: 75 Resp: 111705

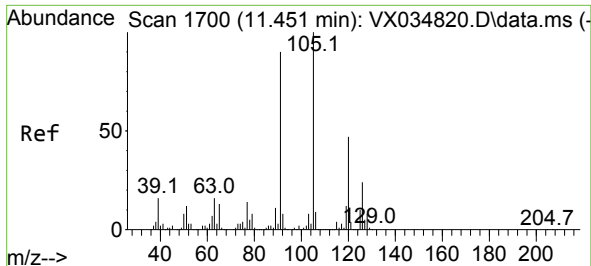
Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.1 36.9 55.3#

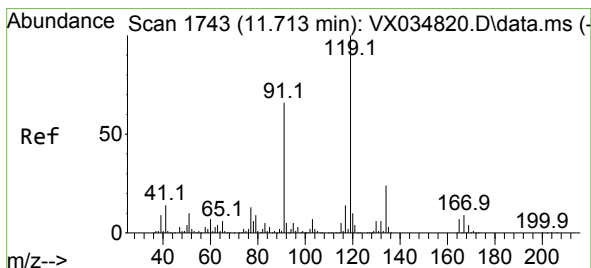
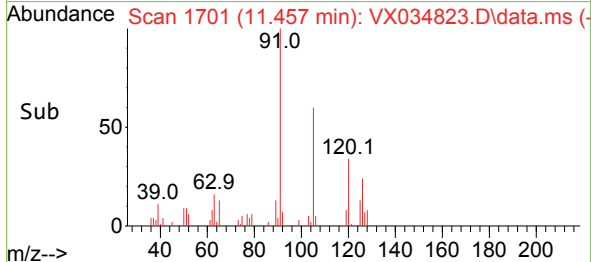
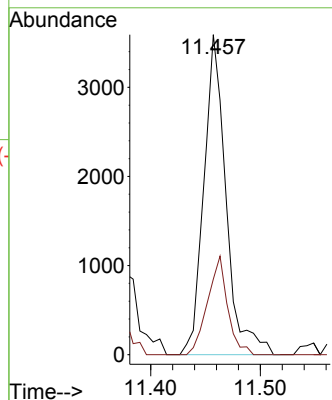
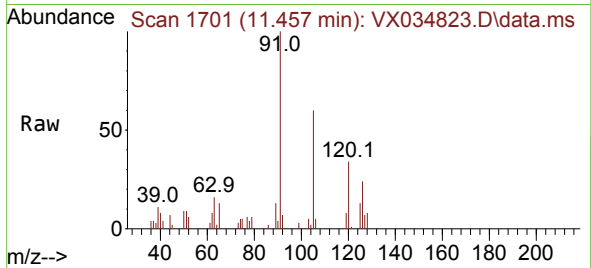




#82
4-Chlorotoluene
Concen: 0.450 ug/l
RT: 11.457 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

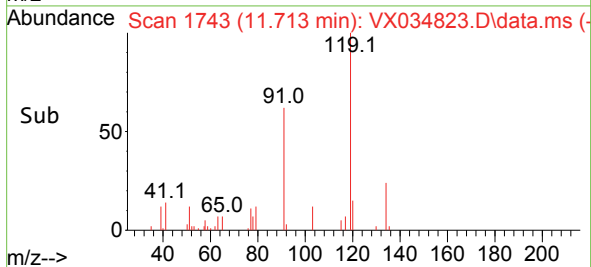
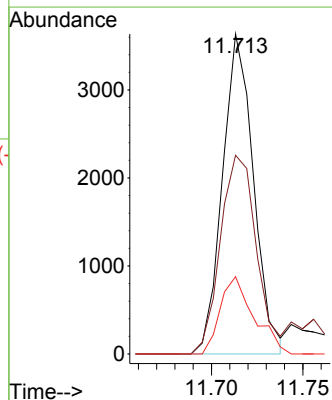
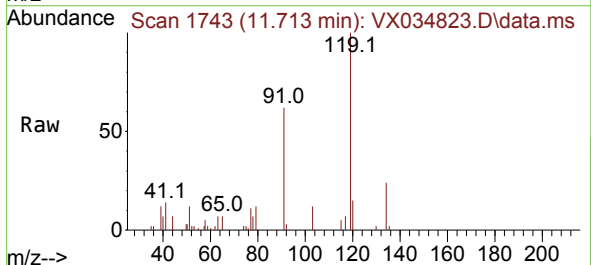
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

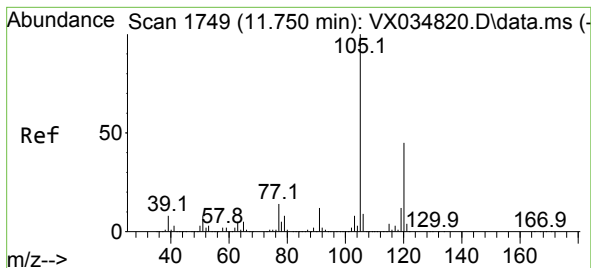
Tgt Ion: 91 Resp: 5046
Ion Ratio Lower Upper
91 100
126 27.8 14.2 42.6



#83
tert-Butylbenzene
Concen: 0.414 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 119 Resp: 4298
Ion Ratio Lower Upper
119 100
91 72.2 30.6 92.0
134 26.3 11.8 35.4





#84

1,2,4-Trimethylbenzene

Concen: 0.328 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

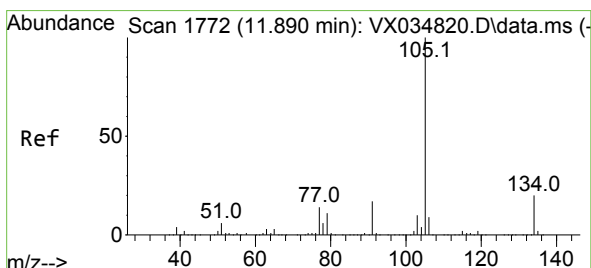
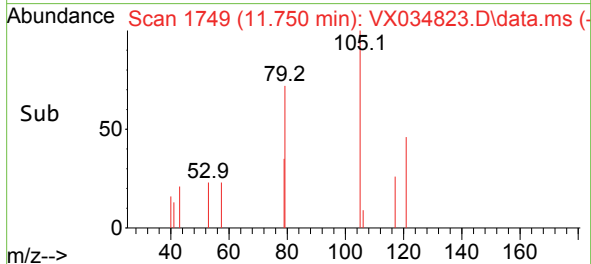
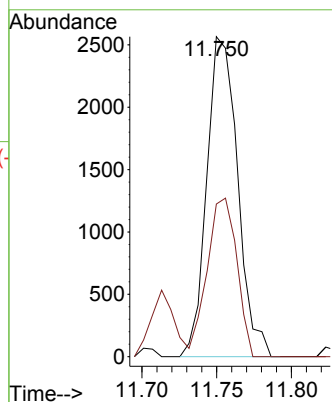
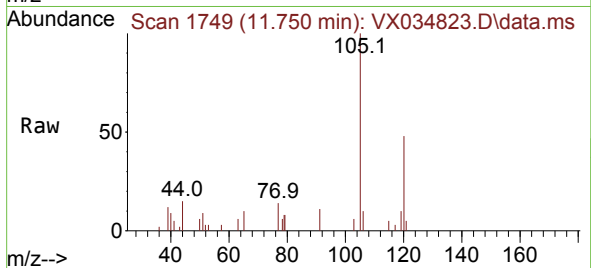
VIBLK

Tgt Ion:105 Resp: 3684

Ion Ratio Lower Upper

105 100

120 47.4 22.4 67.0



#85

sec-Butylbenzene

Concen: 1.111 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX034823.D

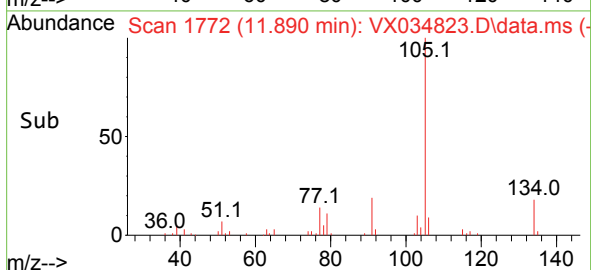
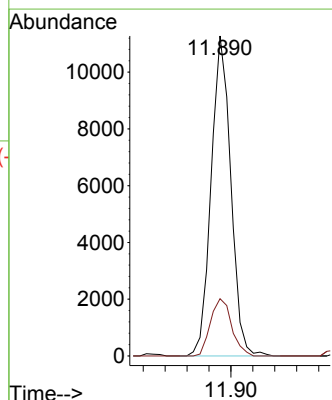
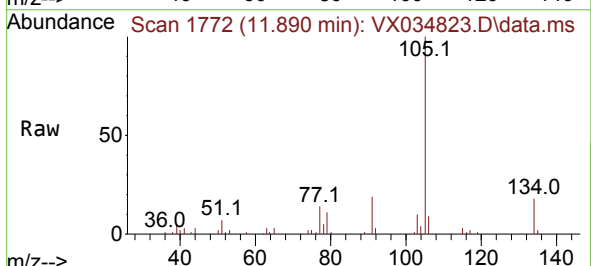
Acq: 29 Mar 2023 11:55

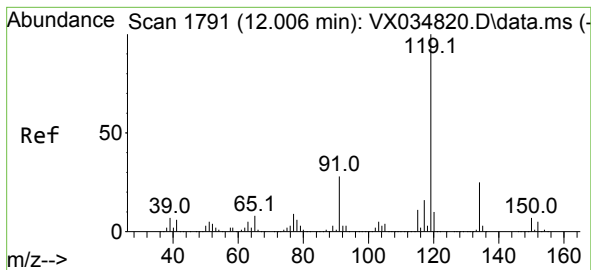
Tgt Ion:105 Resp: 14037

Ion Ratio Lower Upper

105 100

134 19.3 10.2 30.4





#86

p-Isopropyltoluene

Concen: 1.031 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

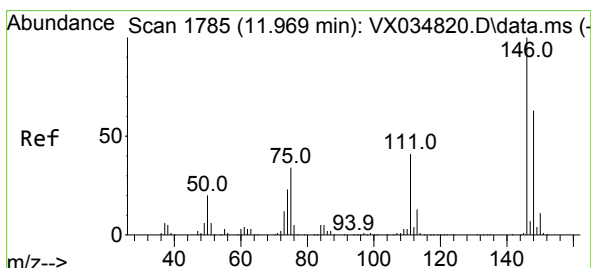
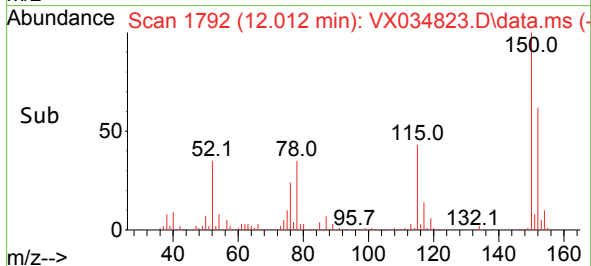
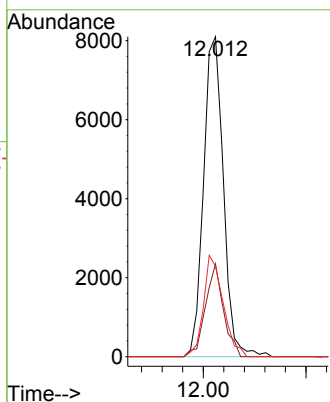
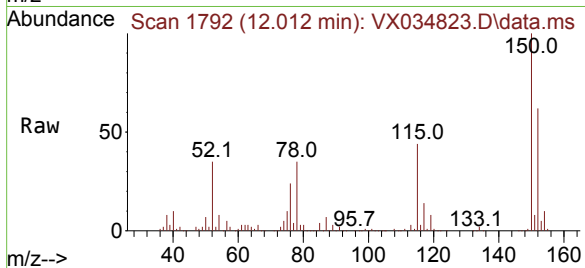
Tgt Ion:119 Resp: 10866

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 31.2 12.9 38.7



#87

1,3-Dichlorobenzene

Concen: 0.521 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

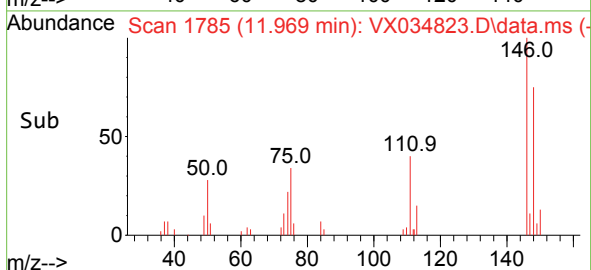
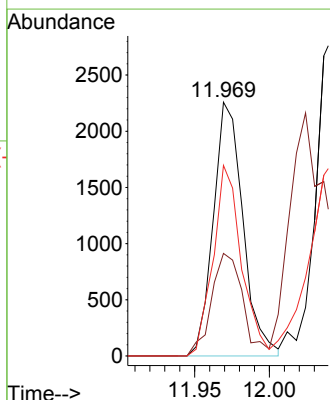
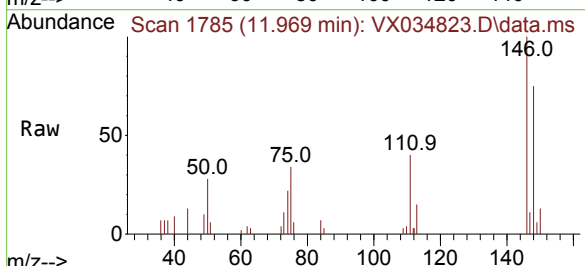
Tgt Ion:146 Resp: 3109

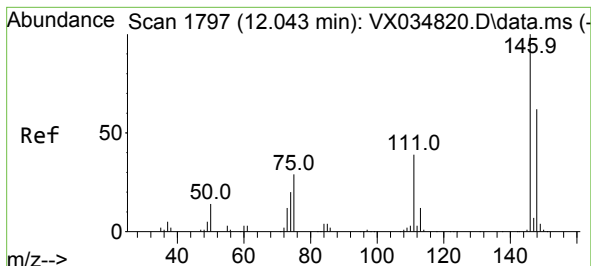
Ion Ratio Lower Upper

146 100

111 42.7 20.9 62.8

148 71.9 31.6 95.0





#88

1,4-Dichlorobenzene

Concen: 0.499 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

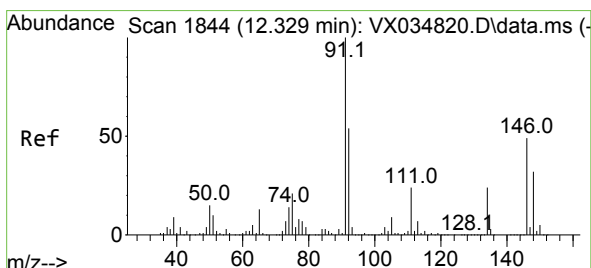
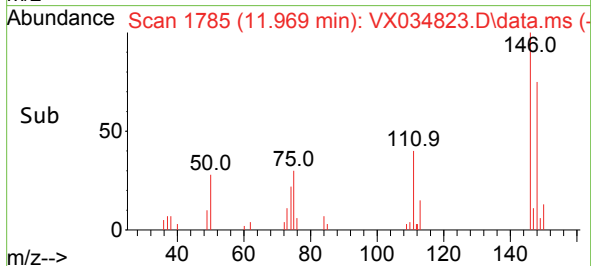
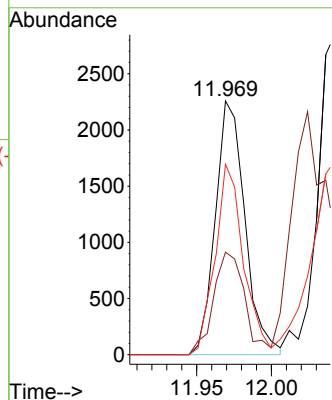
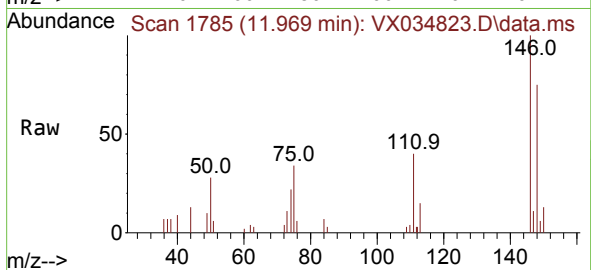
Tgt Ion:146 Resp: 3109

Ion Ratio Lower Upper

146 100

111 42.7 20.6 61.9

148 71.9 31.8 95.4



#89

n-Butylbenzene

Concen: 2.304 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034823.D

Acq: 29 Mar 2023 11:55

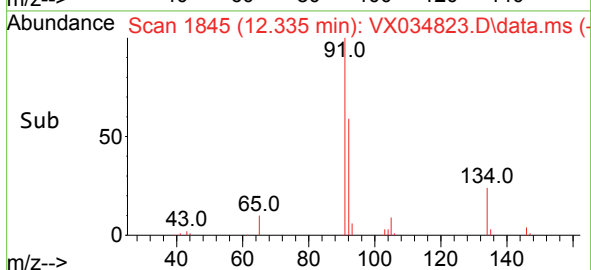
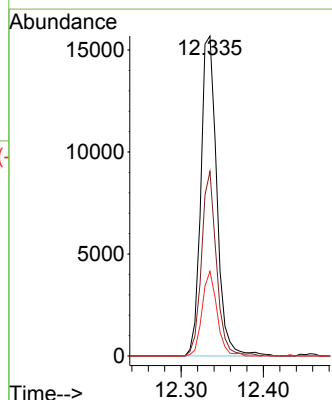
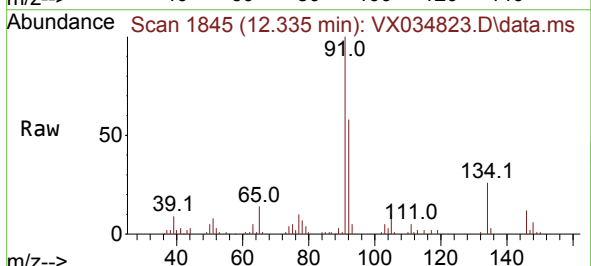
Tgt Ion: 91 Resp: 21209

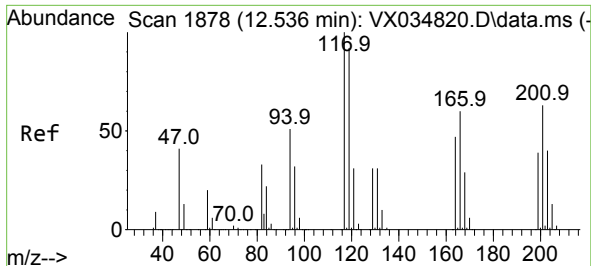
Ion Ratio Lower Upper

91 100

92 54.1 27.7 83.0

134 24.7 13.0 38.9

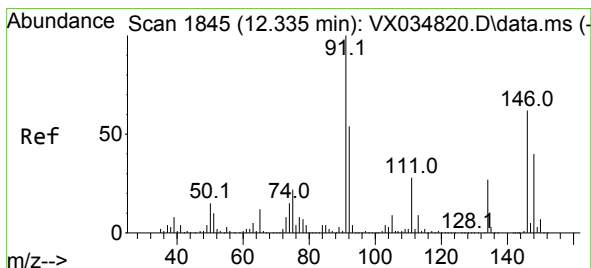
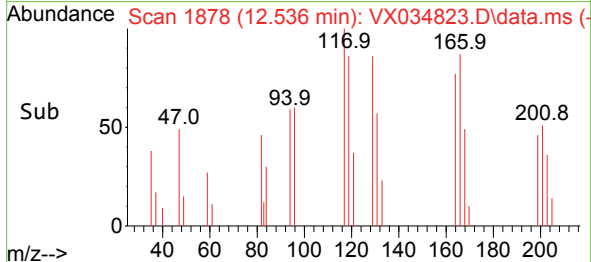
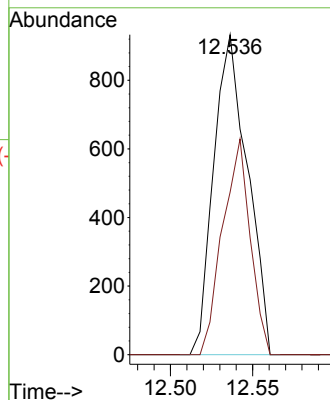
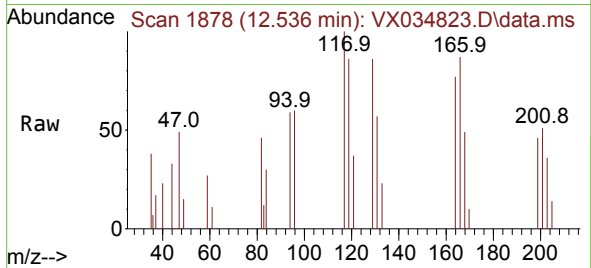




#90
Hexachloroethane
Concen: 0.817 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

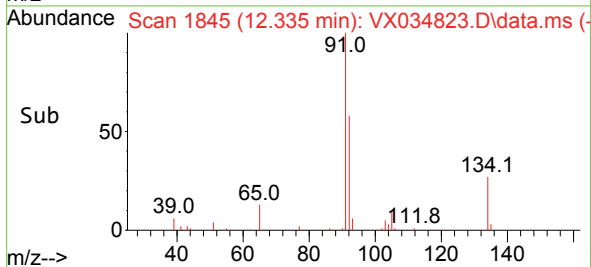
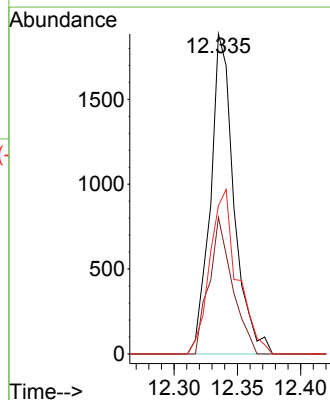
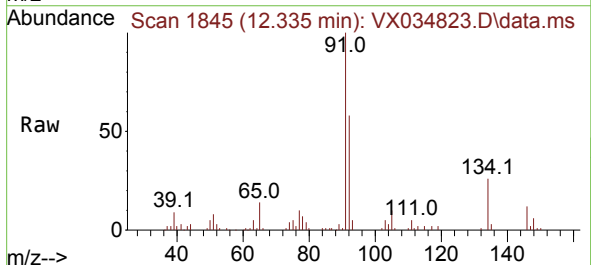
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

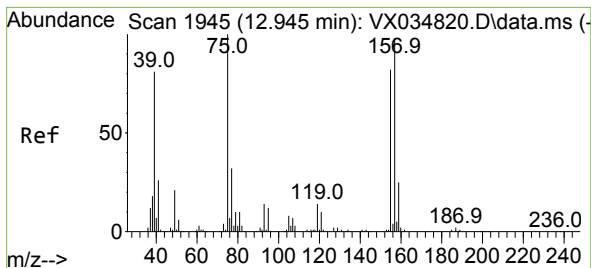
Tgt Ion:117 Resp: 1334
Ion Ratio Lower Upper
117 100
201 54.9 34.4 103.1



#91
1,2-Dichlorobenzene
Concen: 0.409 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion:146 Resp: 2443
Ion Ratio Lower Upper
146 100
111 42.0 22.0 66.0
148 60.1 32.0 96.0

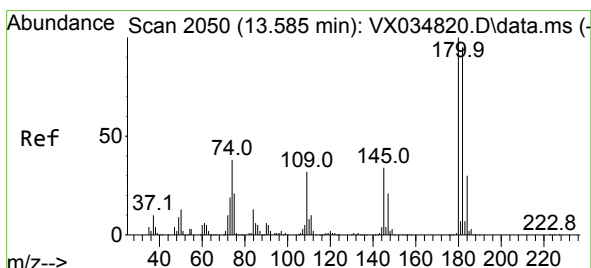
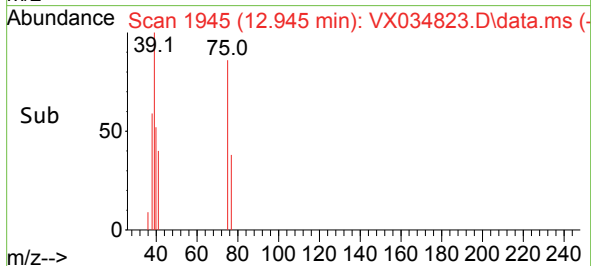
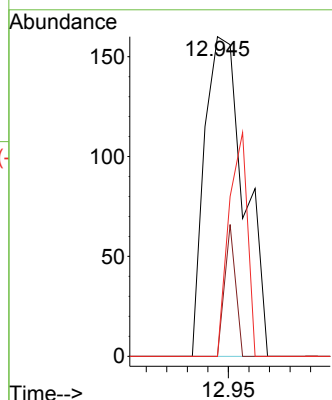
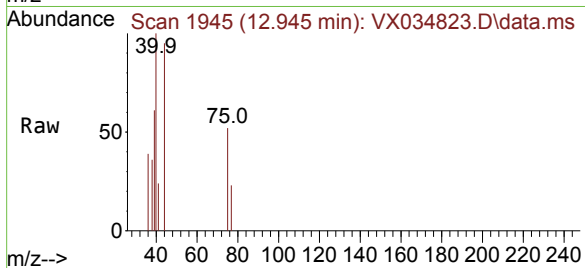




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.237 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

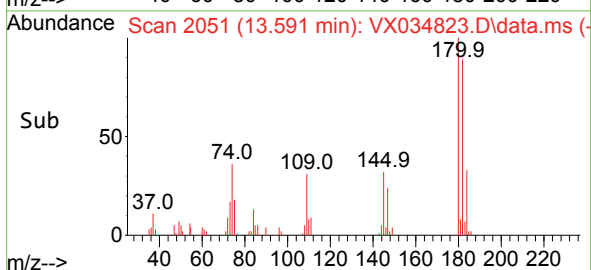
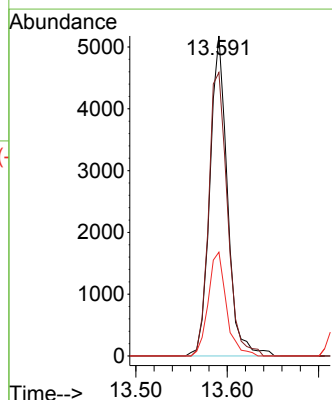
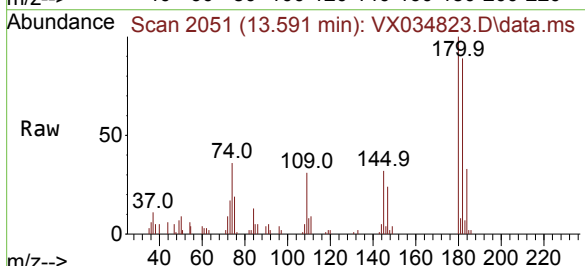
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

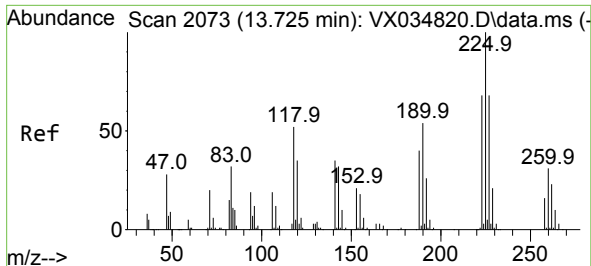
Tgt Ion: 75 Resp: 214
Ion Ratio Lower Upper
75 100
155 11.2 38.4 115.1#
157 32.7 49.9 149.7#



#93
1,2,4-Trichlorobenzene
Concen: 2.036 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Tgt Ion: 180 Resp: 6883
Ion Ratio Lower Upper
180 100
182 94.8 47.0 141.0
145 33.6 15.9 47.7

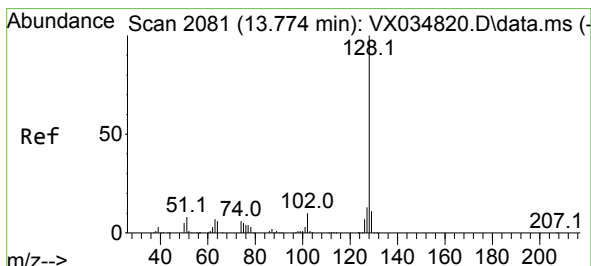
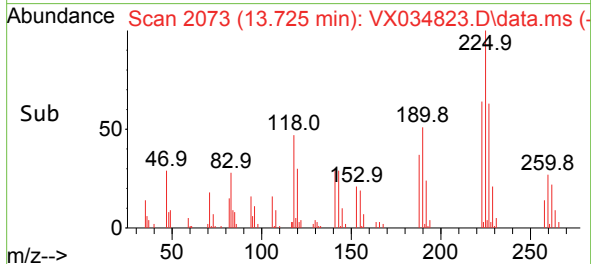
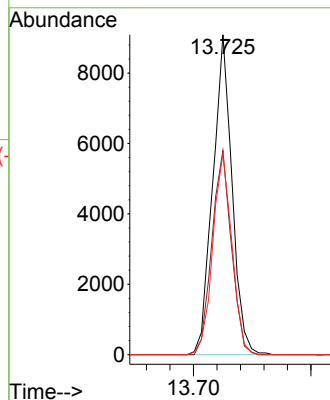
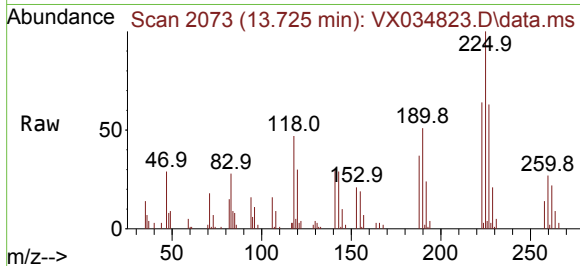




#94
Hexachlorobutadiene
Concen: 6.951 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

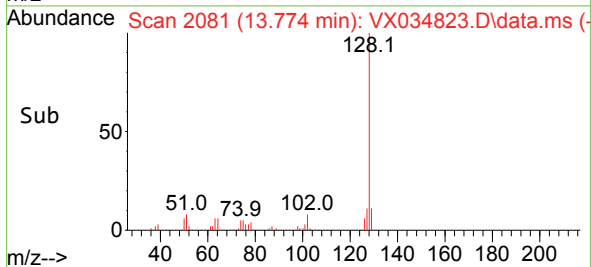
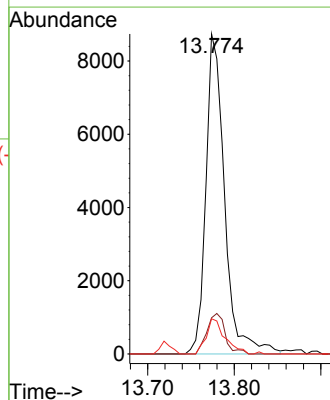
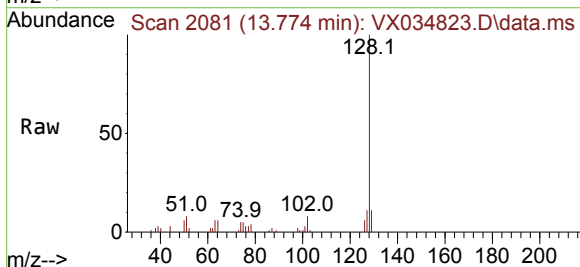
Instrument :
MSVOA_X
ClientSampleId :
VIBLK

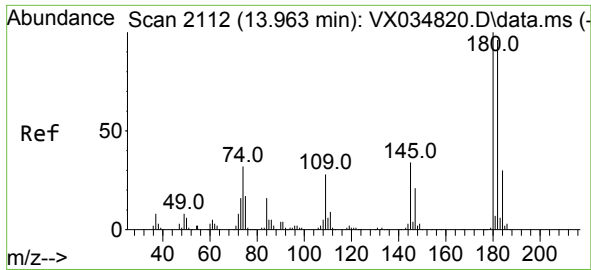
Tgt Ion:	225	Resp:	10336
Ion Ratio	Lower	Upper	
225	100		
223	64.2	32.1	96.5
227	62.6	31.8	95.4



#95
Naphthalene
Concen: 1.092 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

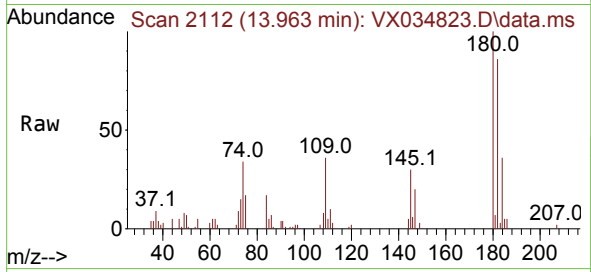
Tgt Ion:	128	Resp:	13115
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.4
129	11.0	8.6	13.0





#96
1,2,3-Trichlorobenzene
Concen: 2.059 ug/l
RT: 13.963 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX034823.D
Acq: 29 Mar 2023 11:55

Instrument :
MSVOA_X
ClientSampleId :
VIBLK



Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	48.0	144.2
145	32.9	17.7	53.1

