

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080223\
 Data File : VY014942.D
 Acq On : 02 Aug 2023 19:37
 Operator : SY/MD
 Sample : 03862-05MSD
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 03 04:32:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	232915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	380412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	332637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	141653	53.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.740%	
35) Dibromofluoromethane	7.710	113	126748	52.340	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.680%	
50) Toluene-d8	10.179	98	445613	49.912	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	12.477	95	163757	47.836	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.680%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	75408	39.739	ug/l	99
3) Chloromethane	2.113	50	92812	43.511	ug/l	97
4) Vinyl Chloride	2.247	62	119024	49.928	ug/l	99
5) Bromomethane	2.637	94	87675	55.651	ug/l	96
6) Chloroethane	2.784	64	81650	54.831	ug/l	94
7) Trichlorofluoromethane	3.119	101	198019	49.458	ug/l	99
8) Diethyl Ether	3.527	74	67719	45.458	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.893	101	119284	48.607	ug/l	95
10) Methyl Iodide	4.088	142	111783	43.302	ug/l	98
11) Tert butyl alcohol	4.960	59	128299	232.084	ug/l #	80
12) 1,1-Dichloroethene	3.869	96	103694	45.210	ug/l	91
13) Acrolein	3.729	56	43281	156.017	ug/l	96
14) Allyl chloride	4.472	41	160375	39.380	ug/l	96
15) Acrylonitrile	5.155	53	255745	311.324	ug/l	98
16) Acetone	3.948	43	217633	258.757	ug/l	94
17) Carbon Disulfide	4.192	76	243114	37.023	ug/l	99
18) Methyl Acetate	4.472	43	208844	64.705	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	356103	47.796	ug/l	99
20) Methylene Chloride	4.710	84	156034	57.763	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	110335	42.389	ug/l	96
22) Diisopropyl ether	6.118	45	343552	41.493	ug/l #	90
23) Vinyl Acetate	6.057	43	1039851	209.868	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	207033	43.701	ug/l	98
25) 2-Butanone	6.978	43	365459	297.006	ug/l	94
26) 2,2-Dichloropropane	6.978	77	188074	41.654	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	133764	44.150	ug/l	94
28) Bromochloromethane	7.332	49	88245	43.250	ug/l	91
29) Tetrahydrofuran	7.344	42	237777	313.825	ug/l	91
30) Chloroform	7.502	83	217616	44.545	ug/l	96
31) Cyclohexane	7.783	56	180540	40.977	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	208070	47.322	ug/l	98
36) 1,1-Dichloropropene	7.911	75	163461	45.137	ug/l	99
37) Ethyl Acetate	7.069	43	147595	59.195	ug/l #	95
38) Carbon Tetrachloride	7.899	117	184619	48.226	ug/l	99
39) Methylcyclohexane	9.179	83	209621	44.430	ug/l	93
40) Benzene	8.155	78	452765	43.960	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	209374	163.258	ug/l	# 40
42) 1,2-Dichloroethane	8.234	62	156313	47.925	ug/l	95
43) Isopropyl Acetate	8.270	43	249627	52.557	ug/l	97
44) Trichloroethene	8.935	130	138178	47.950	ug/l	95
45) 1,2-Dichloropropane	9.209	63	116734	43.404	ug/l	97
46) Dibromomethane	9.301	93	79917	48.982	ug/l	96
47) Bromodichloromethane	9.490	83	174597	45.404	ug/l	99
48) Methyl methacrylate	9.289	41	114384	53.521	ug/l	92
49) 1,4-Dioxane	9.295	88	39072	1468.652	ug/l	# 57
51) 4-Methyl-2-Pentanone	10.063	43	756166	303.223	ug/l	93
52) Toluene	10.240	92	291800	44.275	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	182009	43.271	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	194627	42.549	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	114610	50.429	ug/l	95
56) Ethyl methacrylate	10.508	69	173465	49.989	ug/l	90
57) 1,3-Dichloropropane	10.788	76	189473	48.336	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	411580	254.558	ug/l	93
59) 2-Hexanone	10.825	43	572923	315.038	ug/l	92
60) Dibromochloromethane	10.977	129	134309	48.200	ug/l	99
61) 1,2-Dibromoethane	11.087	107	115994	51.161	ug/l	99
64) Tetrachloroethene	10.715	164	155928	58.285	ug/l	96
65) Chlorobenzene	11.514	112	320113	45.160	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	124532	46.595	ug/l	99
67) Ethyl Benzene	11.587	91	575634	44.978	ug/l	100
68) m/p-Xylenes	11.697	106	435570	89.158	ug/l	96
69) o-Xylene	12.026	106	212819	44.725	ug/l	97
70) Styrene	12.038	104	358455	44.696	ug/l	97
71) Bromoform	12.203	173	95845	52.907	ug/l	# 97
73) Isopropylbenzene	12.325	105	591195	44.912	ug/l	100
74) N-amyl acetate	12.142	43	208656	47.328	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	147156	49.022	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	202085	95.177	ug/l	# 100
77) Bromobenzene	12.605	156	135359	45.048	ug/l	96
78) n-propylbenzene	12.666	91	689705	43.481	ug/l	99
79) 2-Chlorotoluene	12.751	91	380149	41.609	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	471324	42.873	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	50708	46.240	ug/l	96
82) 4-Chlorotoluene	12.849	91	386712	41.098	ug/l	99
83) tert-Butylbenzene	13.068	119	437927	44.907	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	462367	42.856	ug/l	98
85) sec-Butylbenzene	13.251	105	644405	45.046	ug/l	100
86) p-Isopropyltoluene	13.367	119	524427	44.900	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	257777	44.079	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	258225	44.064	ug/l	99
89) n-Butylbenzene	13.690	91	484472	42.634	ug/l	97
90) Hexachloroethane	13.958	117	100068	41.712	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	241299	45.036	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	32862	57.244	ug/l	90
93) 1,2,4-Trichlorobenzene	15.001	180	146747	43.146	ug/l	98
94) Hexachlorobutadiene	15.105	225	78105	41.788	ug/l	97
95) Naphthalene	15.233	128	453885	57.280	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	135833	44.936	ug/l	97

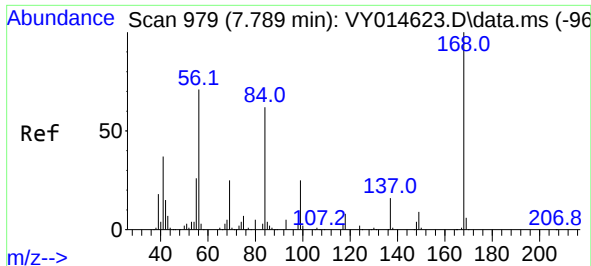
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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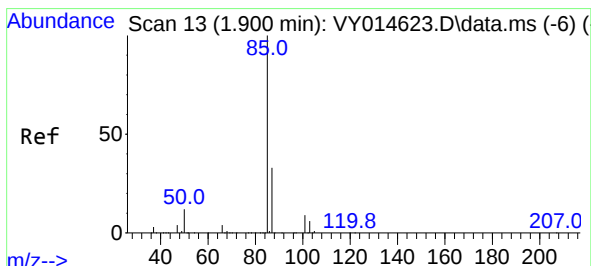
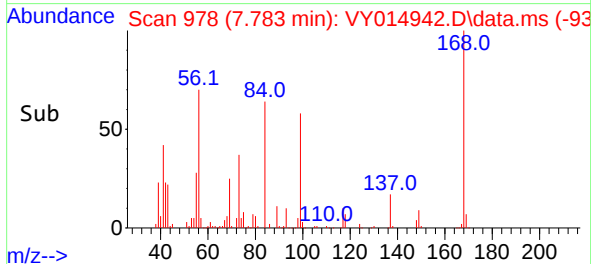
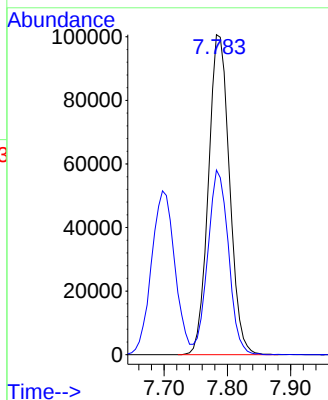
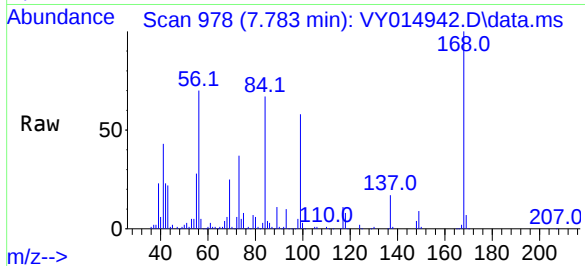
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014942.D
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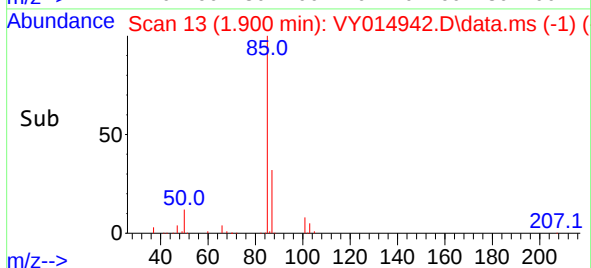
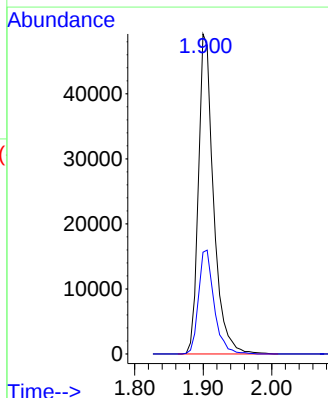
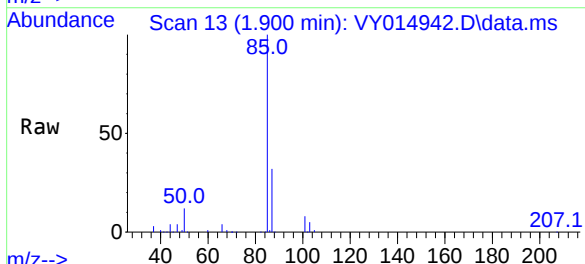
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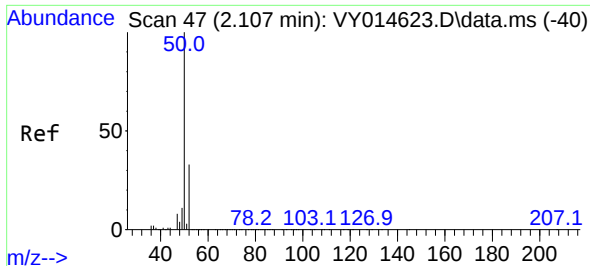
Tgt Ion:168 Resp: 232915
Ion Ratio Lower Upper
168 100
99 57.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 39.739 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 85 Resp: 75408
Ion Ratio Lower Upper
85 100
87 31.8 15.6 46.8

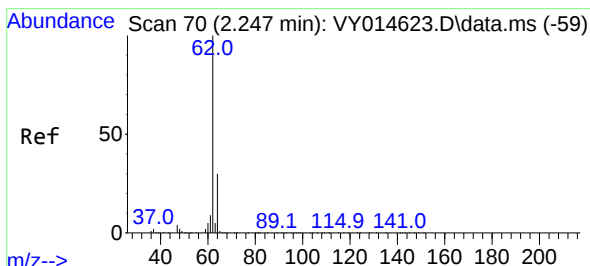
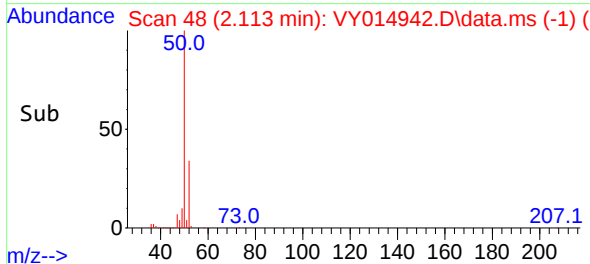
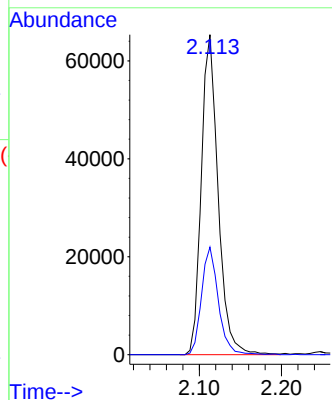
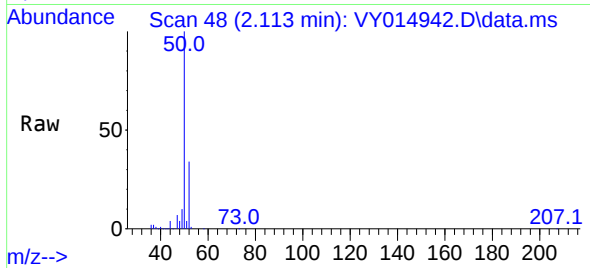




#3
Chloromethane
Concen: 43.511 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

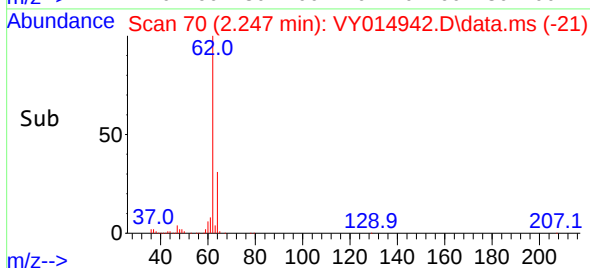
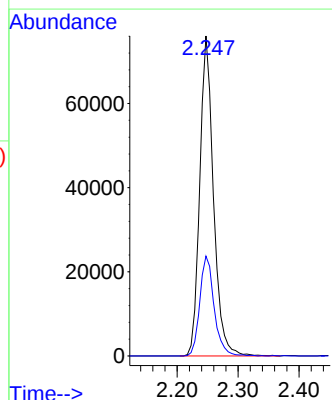
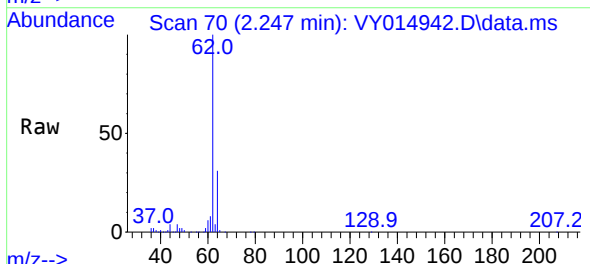
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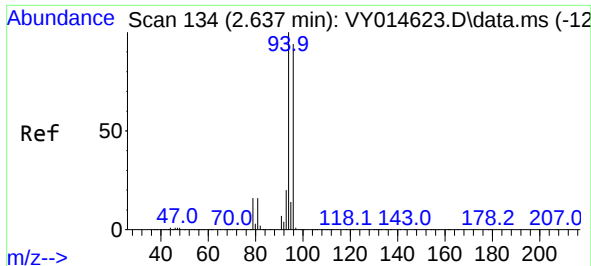
Tgt Ion: 50 Resp: 92812
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#4
Vinyl Chloride
Concen: 49.928 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 62 Resp: 119024
Ion Ratio Lower Upper
62 100
64 31.2 24.3 36.5

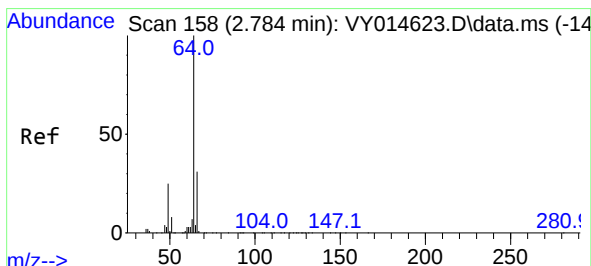
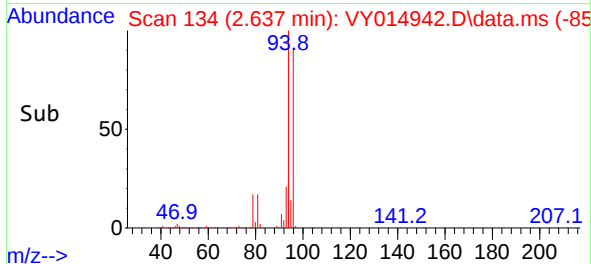
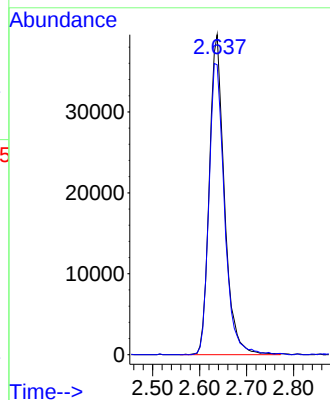
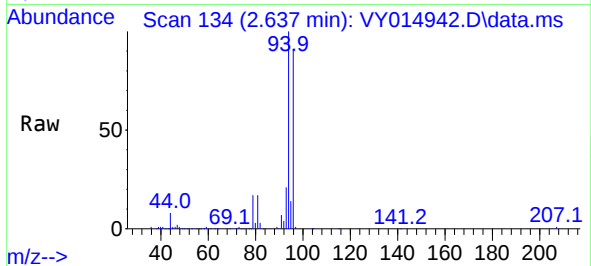




#5
Bromomethane
Concen: 55.651 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

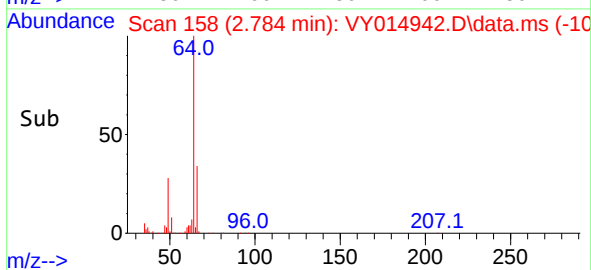
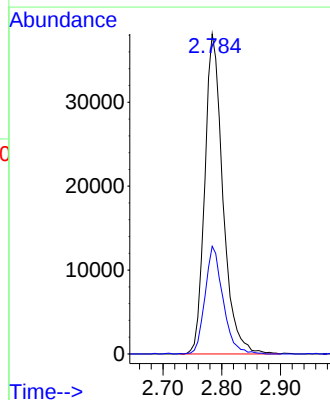
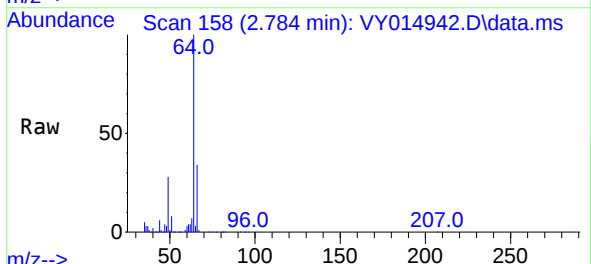
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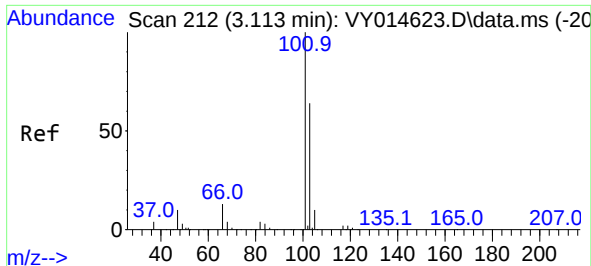
Tgt Ion: 94 Resp: 87675
Ion Ratio Lower Upper
94 100
96 90.6 75.8 113.6



#6
Chloroethane
Concen: 54.831 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 64 Resp: 81650
Ion Ratio Lower Upper
64 100
66 33.6 24.4 36.6

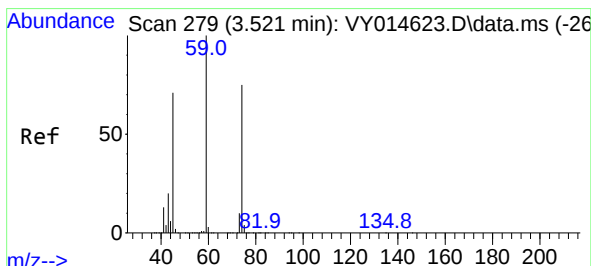
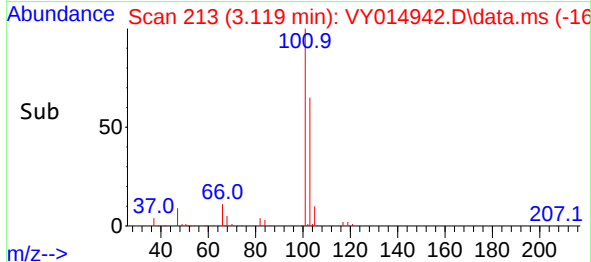
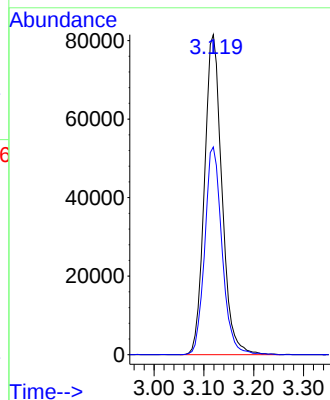
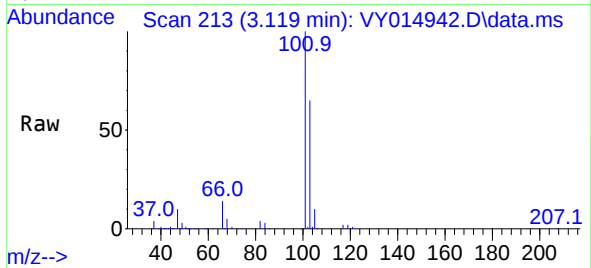




#7
Trichlorofluoromethane
Concen: 49.458 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY014942.D
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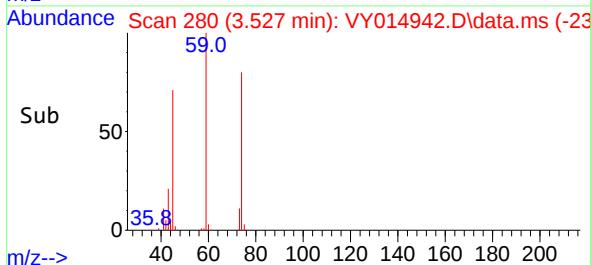
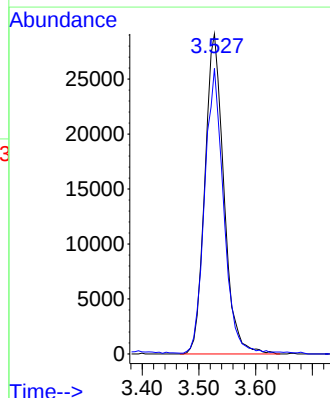
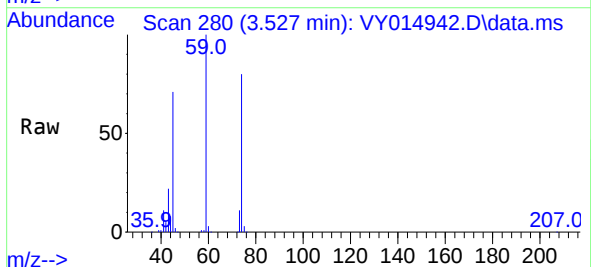
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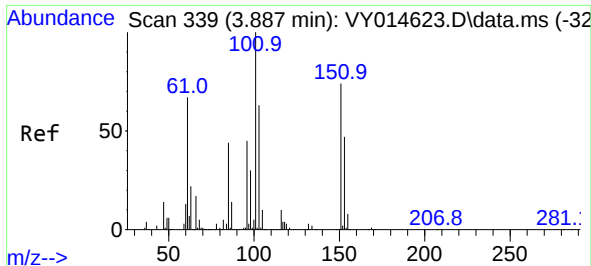
Tgt Ion:101 Resp: 198019
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.0



#8
Diethyl Ether
Concen: 45.458 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 74 Resp: 67719
Ion Ratio Lower Upper
74 100
45 88.8 51.5 154.5

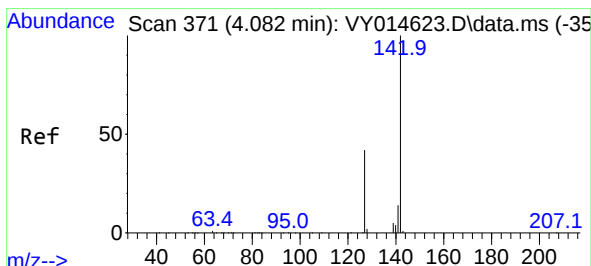
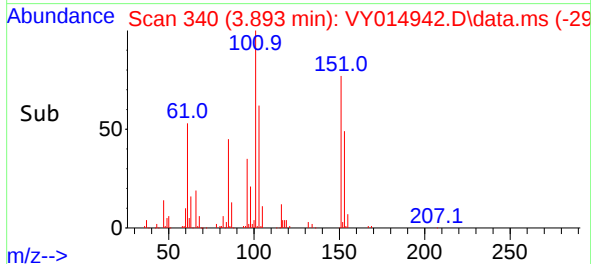
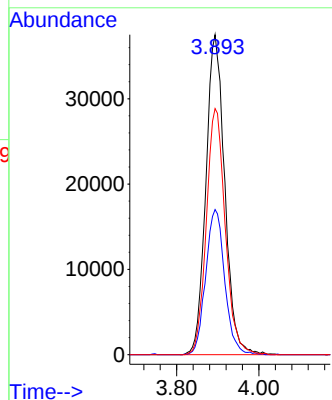
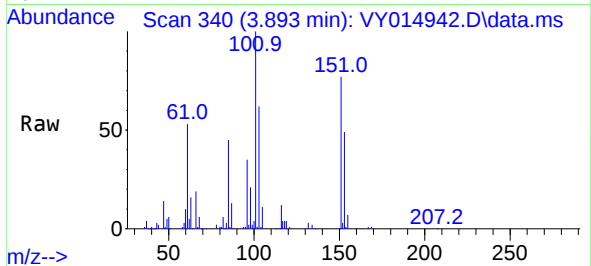




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.607 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY014942.D
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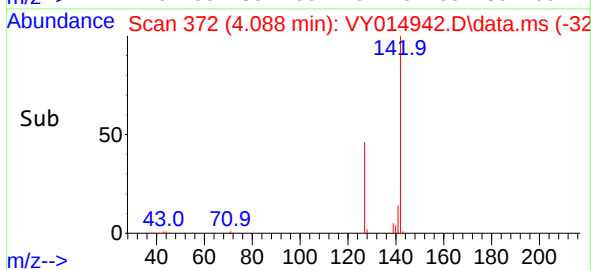
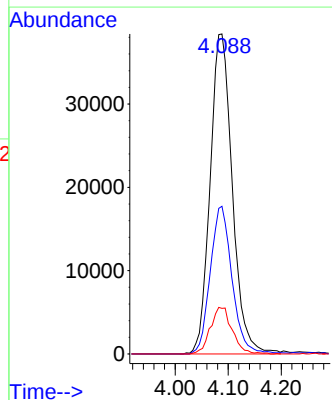
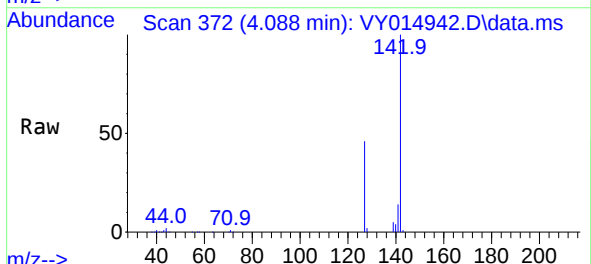
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

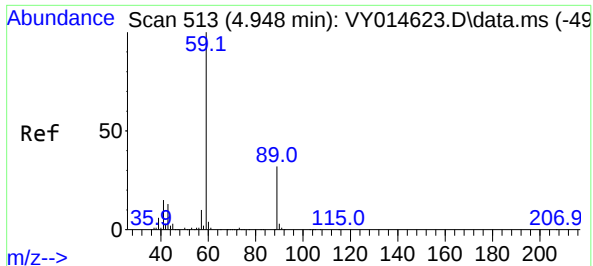
Tgt Ion:101 Resp: 119284
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 77.4 67.0 100.6



#10
Methyl Iodide
Concen: 43.302 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion:142 Resp: 111783
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.3 11.8 17.8

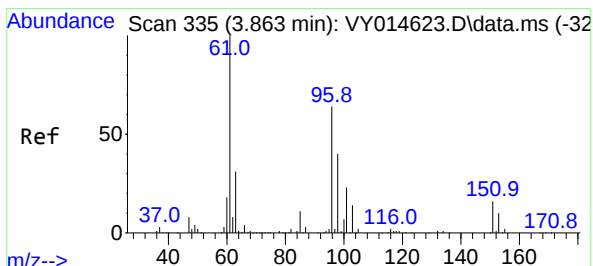
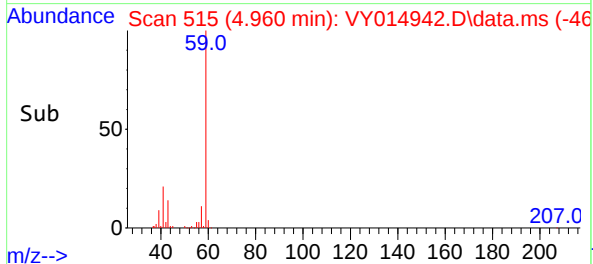
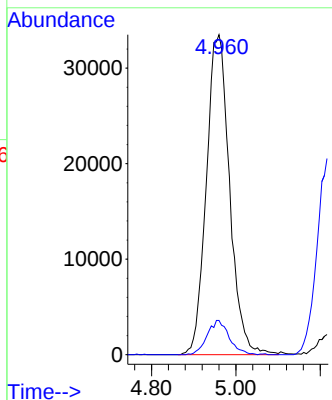
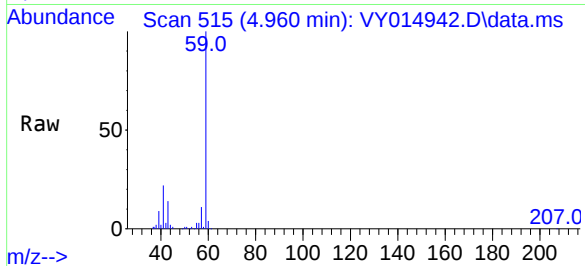




#11
Tert butyl alcohol
Concen: 232.084 ug/l
RT: 4.960 min Scan# 513
Delta R.T. 0.012 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

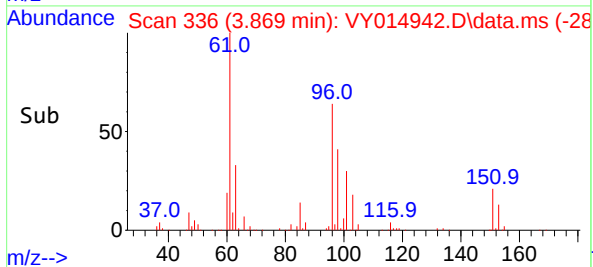
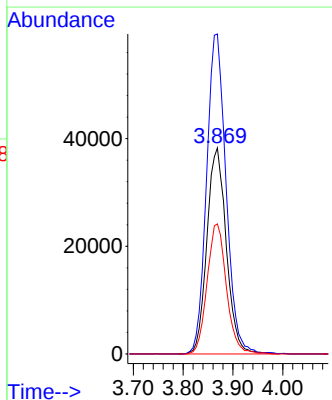
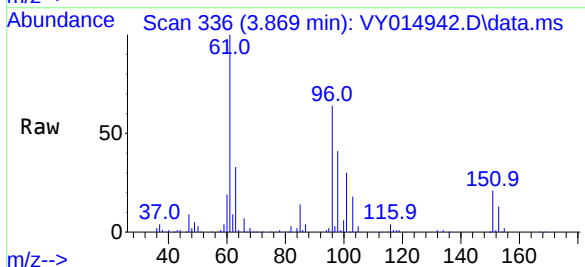
Instrument :
MSVOA_Y
ClientSampleId :
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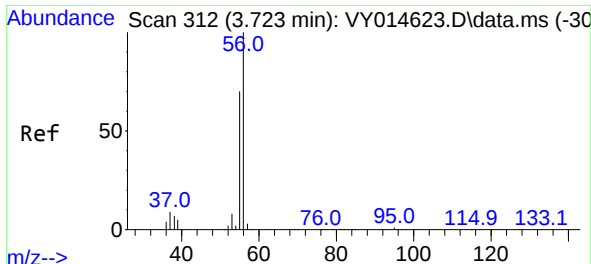
Tgt Ion: 59 Resp: 128299
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 45.210 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 96 Resp: 103694
Ion Ratio Lower Upper
96 100
61 155.3 136.4 204.6
98 63.1 49.4 74.2

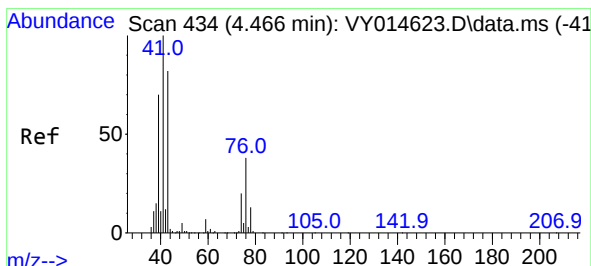
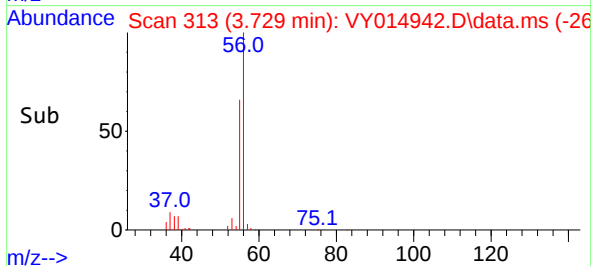
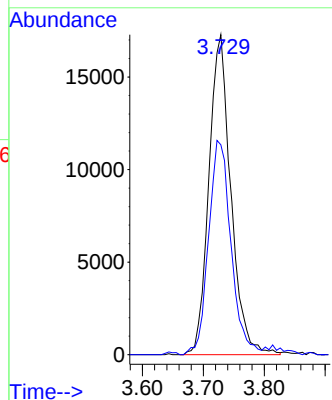
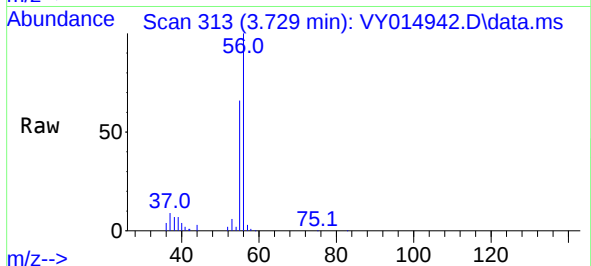




#13
Acrolein
Concen: 156.017 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

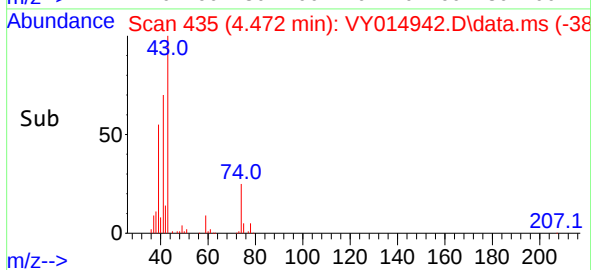
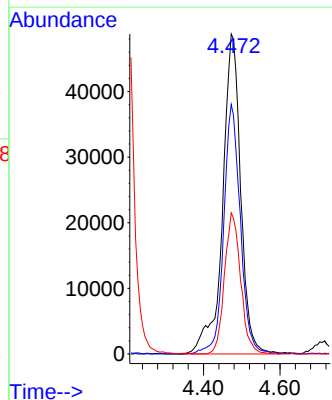
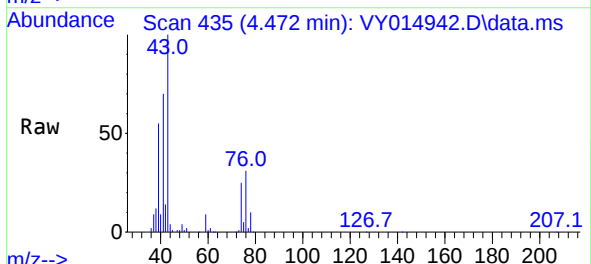
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

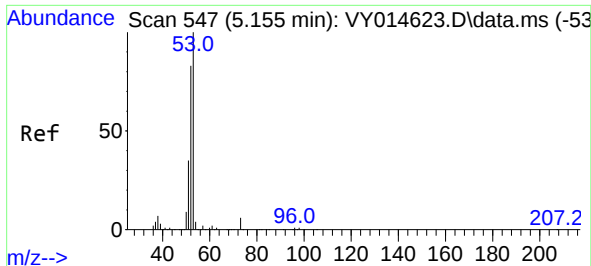
Tgt Ion: 56 Resp: 43281
Ion Ratio Lower Upper
56 100
55 68.2 57.0 85.4



#14
Allyl chloride
Concen: 39.380 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 41 Resp: 160375
Ion Ratio Lower Upper
41 100
39 71.5 58.0 87.0
76 39.2 27.4 41.2

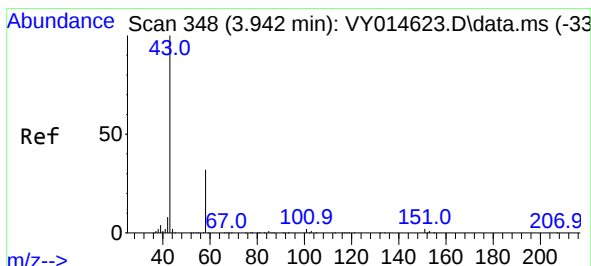
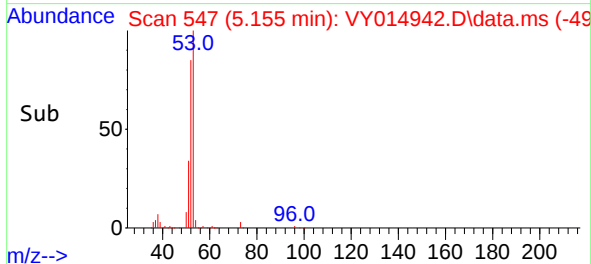
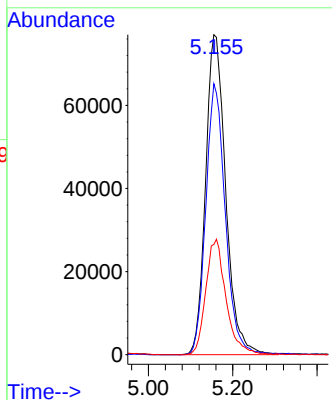
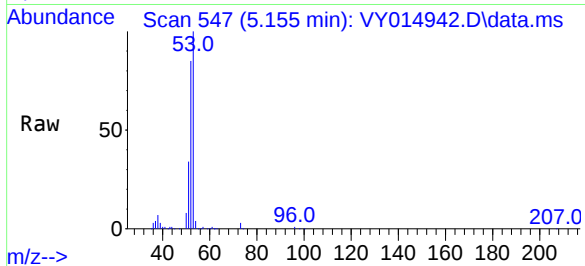




#15
Acrylonitrile
Concen: 311.324 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

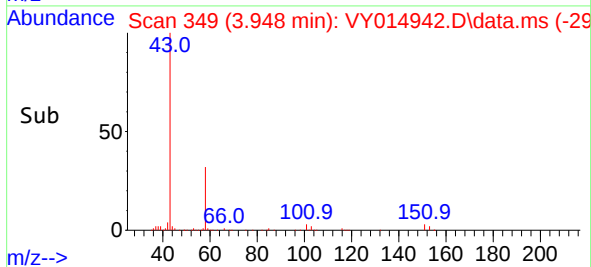
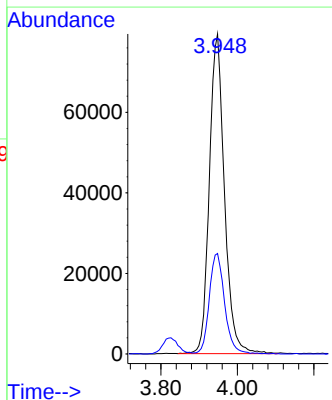
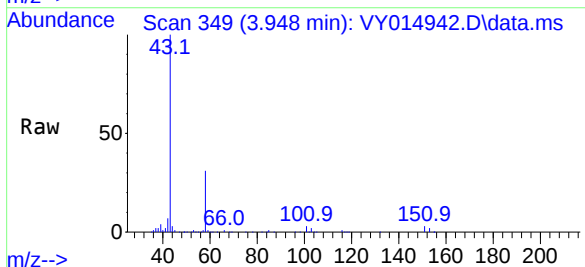
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

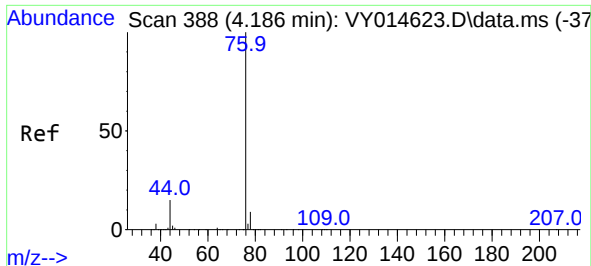
Tgt Ion: 53 Resp: 255745
Ion Ratio Lower Upper
53 100
52 82.2 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 258.757 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 43 Resp: 217633
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1

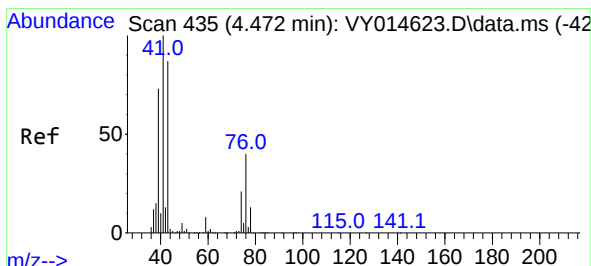
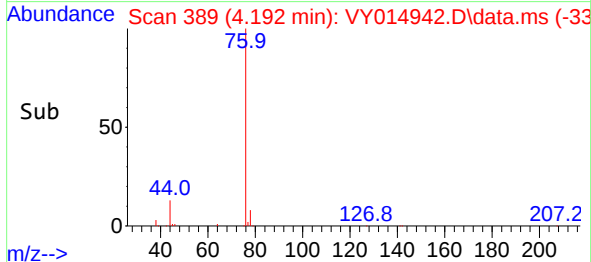
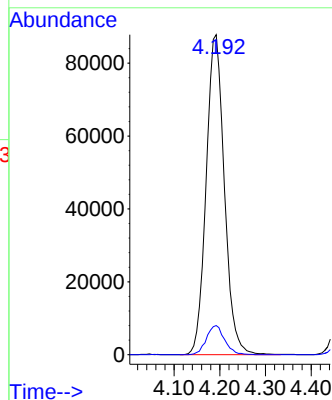
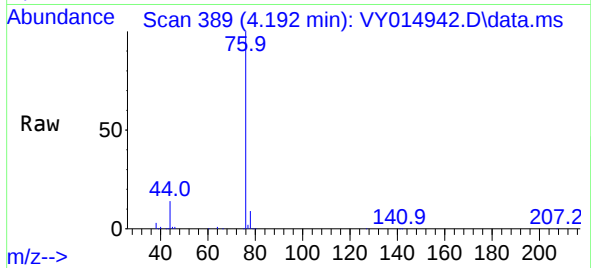




#17
Carbon Disulfide
Concen: 37.023 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

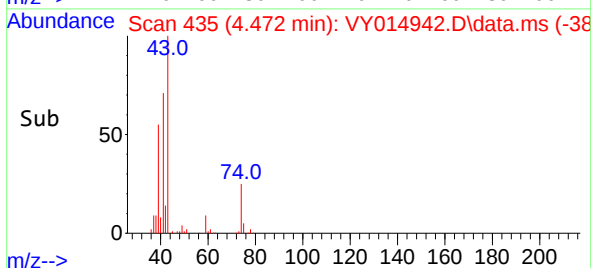
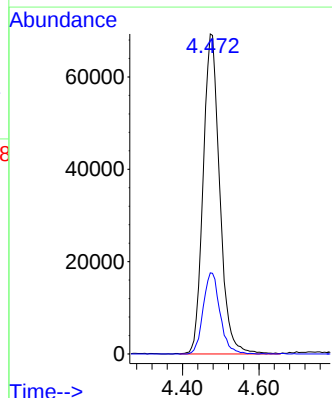
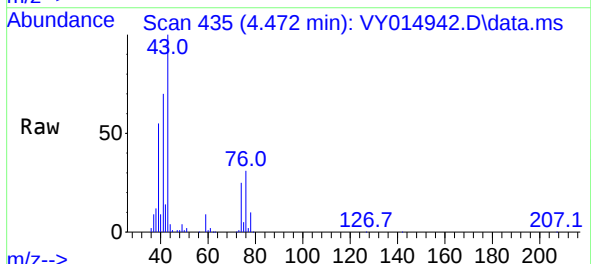
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

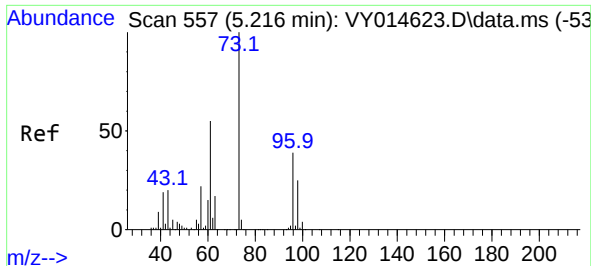
Tgt Ion: 76 Resp: 243114
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 64.705 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 43 Resp: 208844
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0

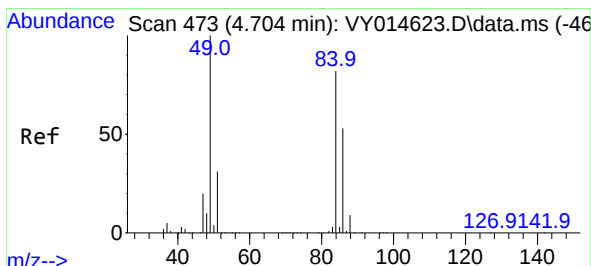
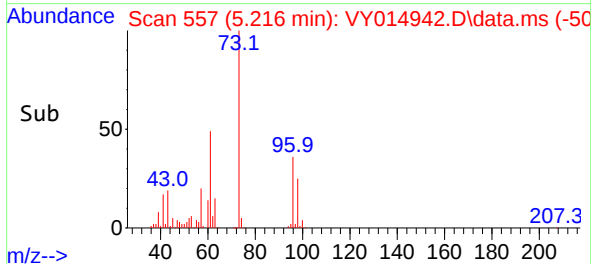
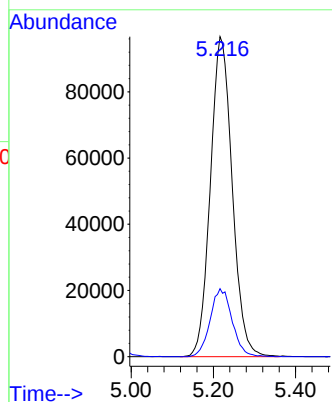
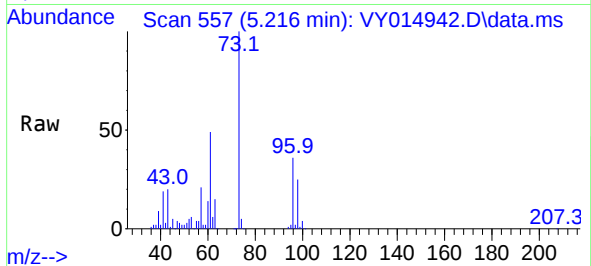




#19
Methyl tert-butyl Ether
Concen: 47.796 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

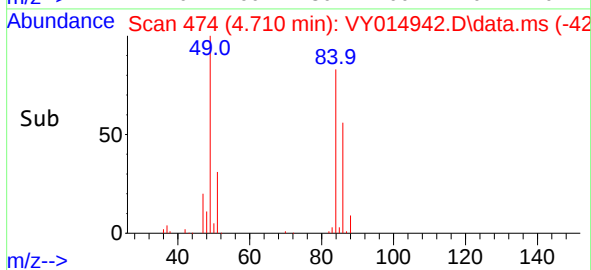
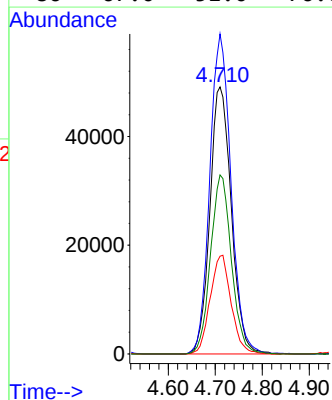
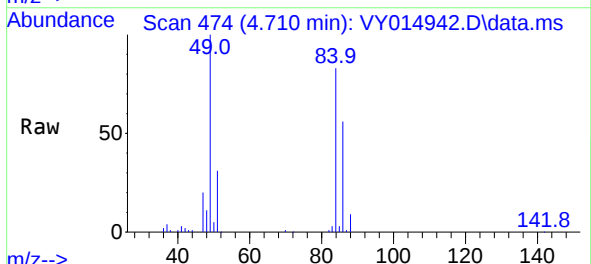
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

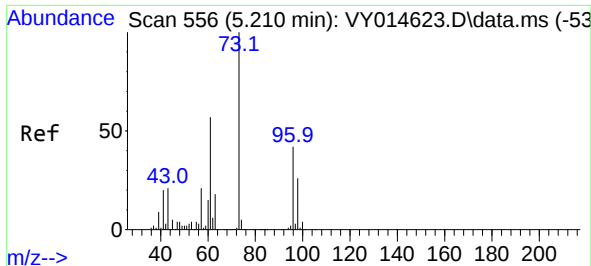
Tgt Ion: 73 Resp: 356103
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 57.763 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 84 Resp: 156034
Ion Ratio Lower Upper
84 100
49 119.8 106.9 160.3
51 36.6 33.2 49.8
86 67.0 51.0 76.6

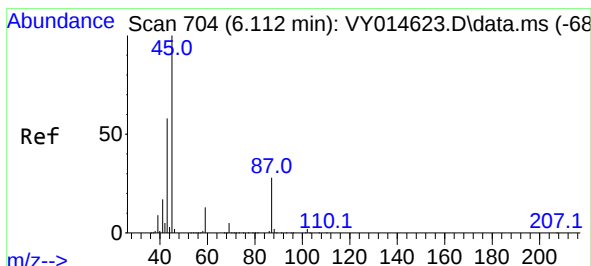
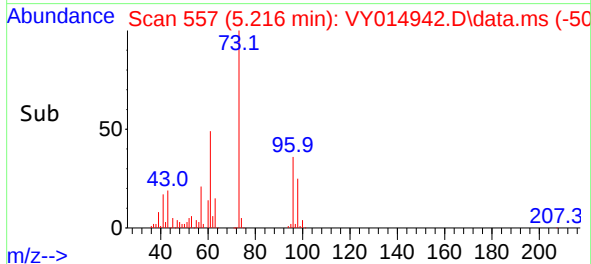
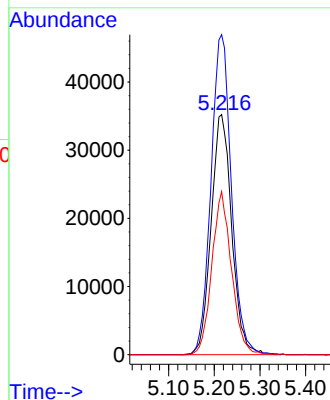
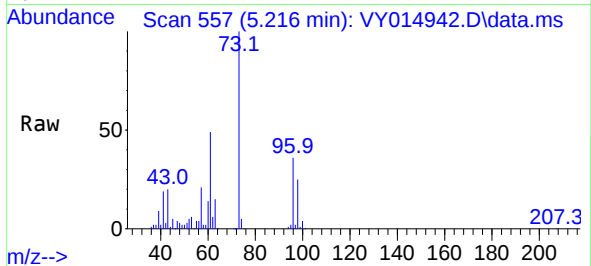




#21
trans-1,2-Dichloroethene
Concen: 42.389 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

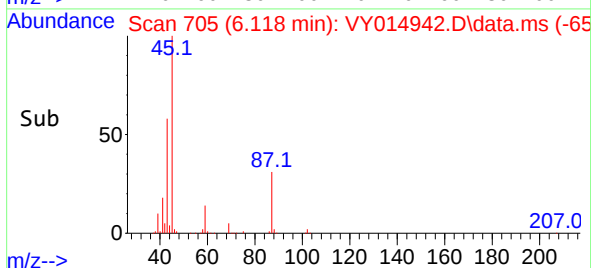
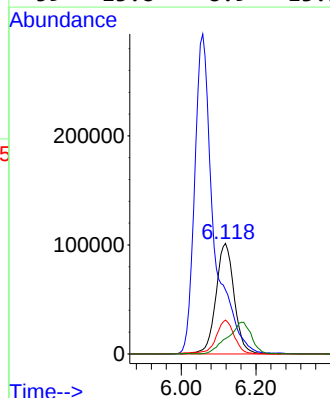
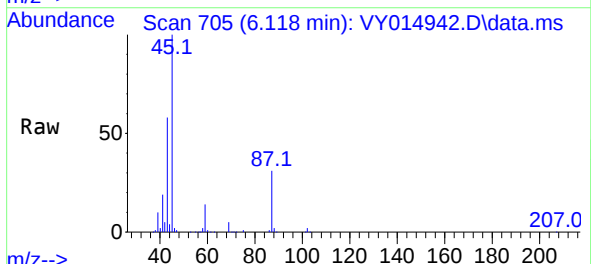
Instrument :
MSVOA_Y
ClientSampleId :
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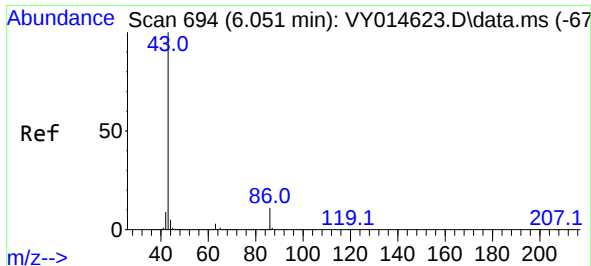
Tgt Ion: 96 Resp: 110335
Ion Ratio Lower Upper
96 100
61 133.2 110.2 165.4
98 67.9 51.8 77.6



#22
Diisopropyl ether
Concen: 41.493 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 45 Resp: 343552
Ion Ratio Lower Upper
45 100
43 57.0 52.2 78.4
87 30.7 21.0 31.6
59 13.8 8.9 13.3#

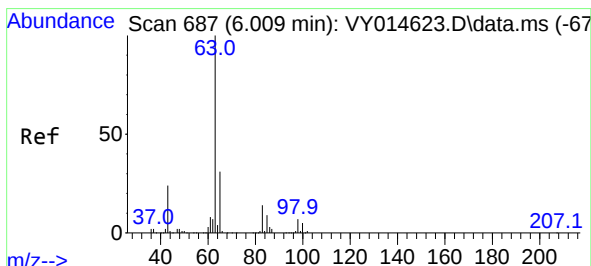
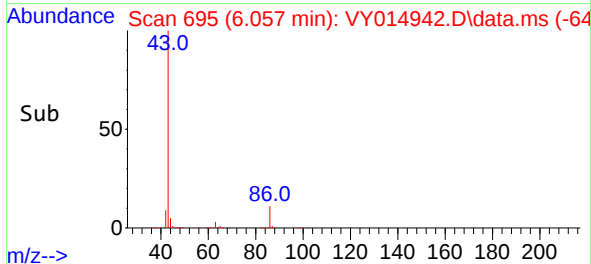
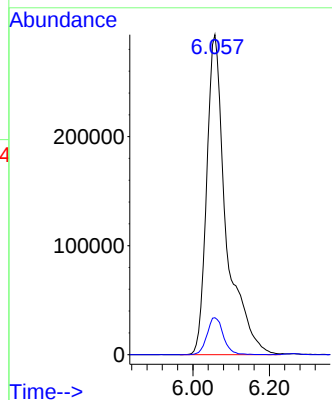
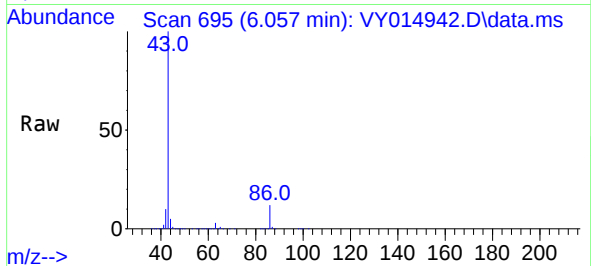




#23
 Vinyl Acetate
 Concen: 209.868 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY014942.D
 Acq: 02 Aug 2023 19:37

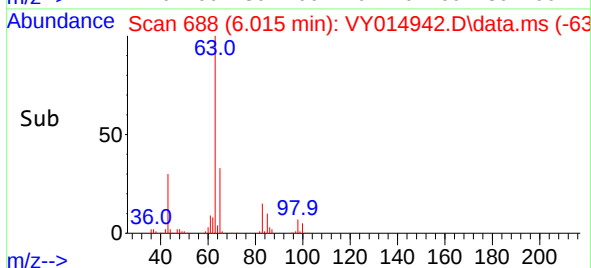
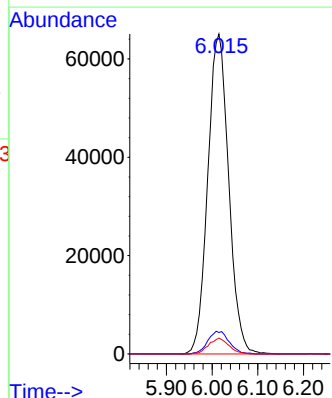
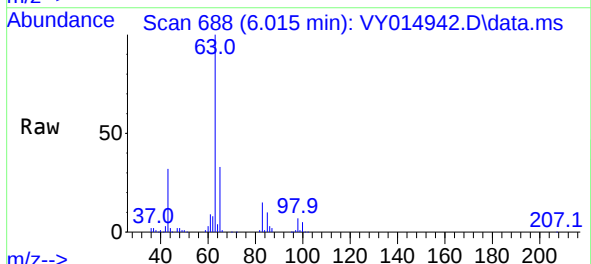
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 ClientSampleId :
 VIBLK

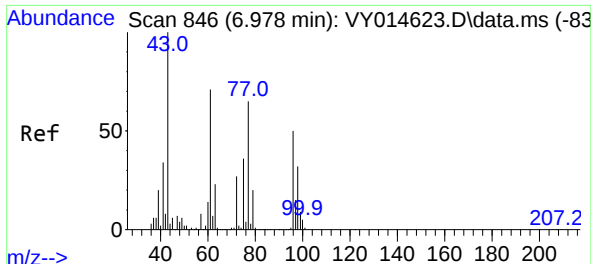
Tgt Ion: 43 Resp: 1039851
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 43.701 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY014942.D
 Acq: 02 Aug 2023 19:37

Tgt Ion: 63 Resp: 207033
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 4.9 1.8 5.5

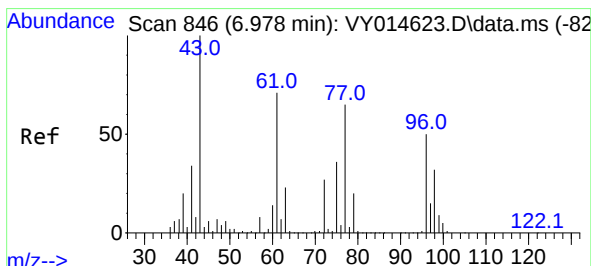
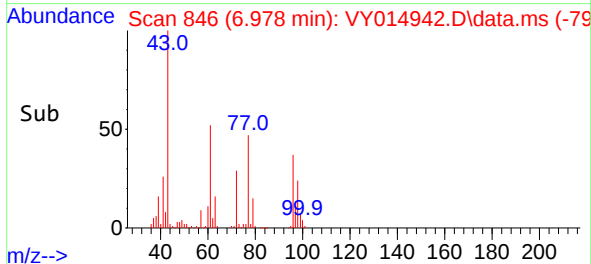
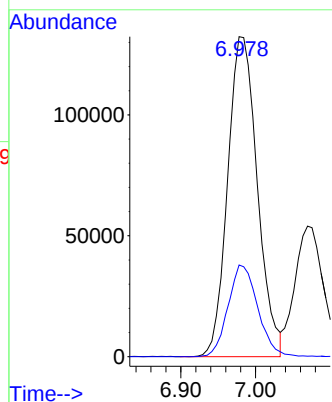
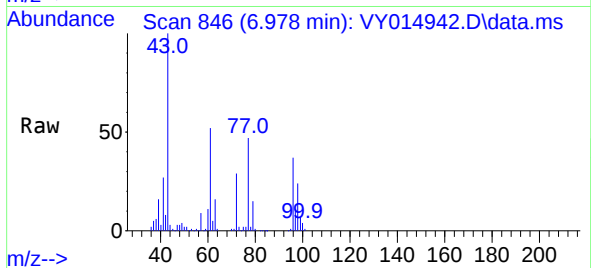




#25
2-Butanone
Concen: 297.006 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

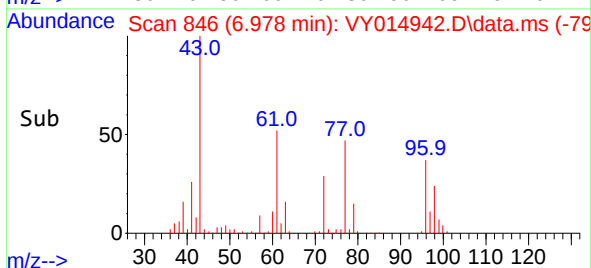
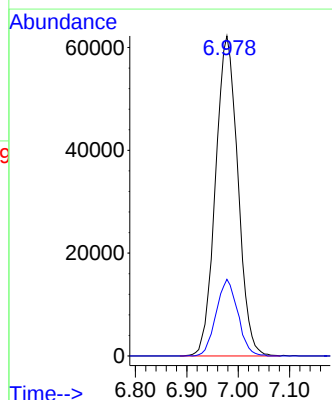
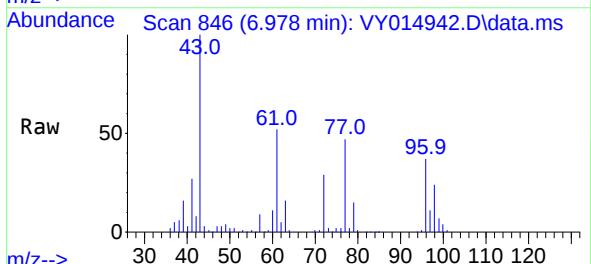
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

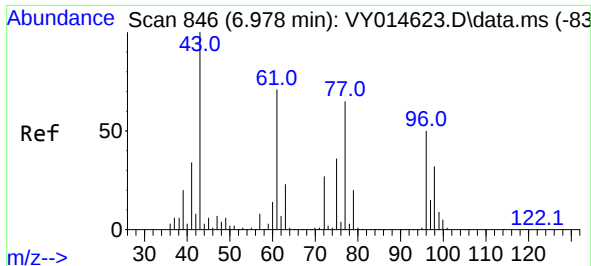
Tgt Ion: 43 Resp: 365459
Ion Ratio Lower Upper
43 100
72 28.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 41.654 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 77 Resp: 188074
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 44.150 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY014942.D

Acq: 02 Aug 2023 19:37

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

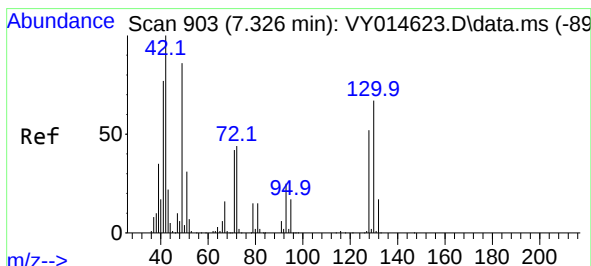
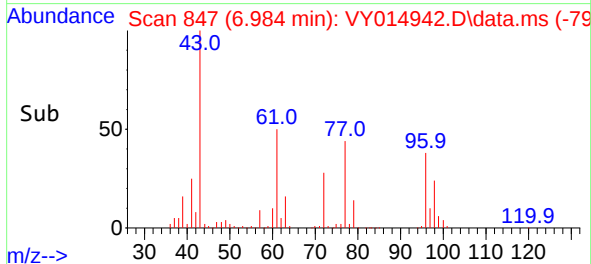
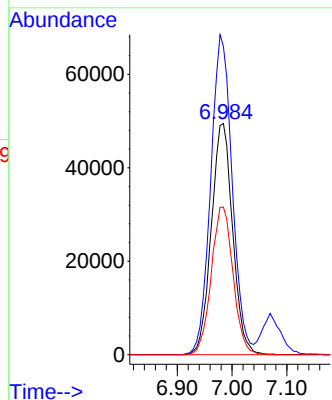
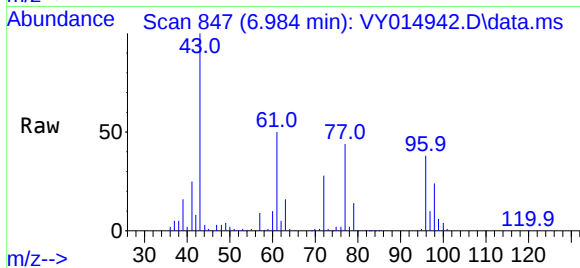
Tgt Ion: 96 Resp: 133764

Ion Ratio Lower Upper

96 100

61 139.3 0.0 301.4

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 43.250 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY014942.D

Acq: 02 Aug 2023 19:37

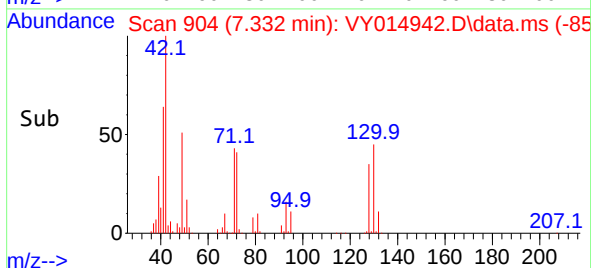
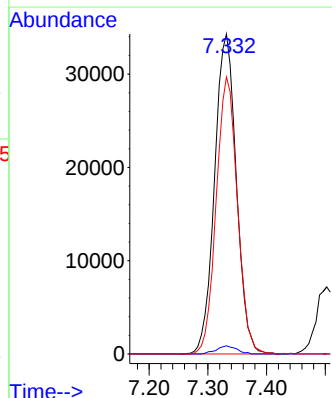
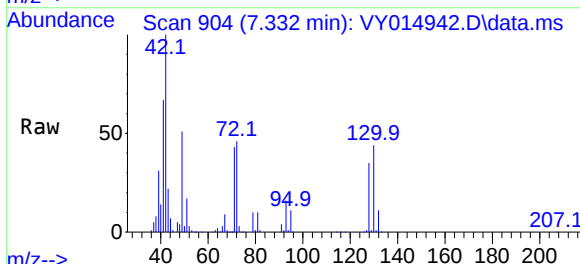
Tgt Ion: 49 Resp: 88245

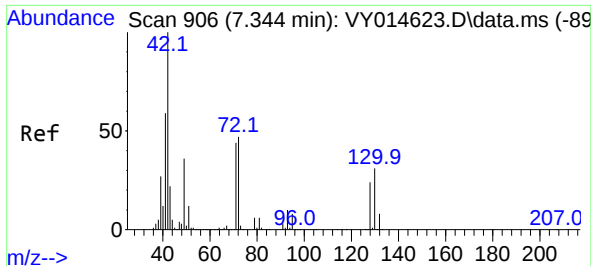
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 84.2 60.7 91.1

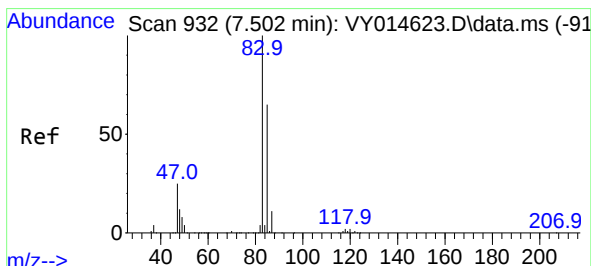
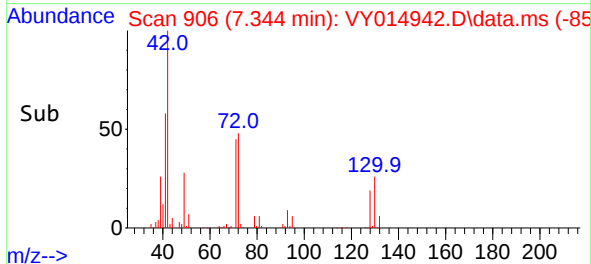
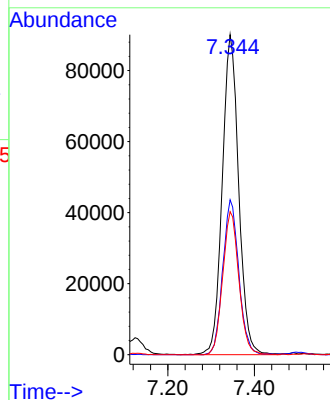
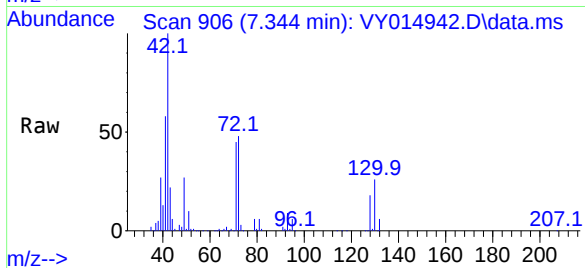




#29
Tetrahydrofuran
Concen: 313.825 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

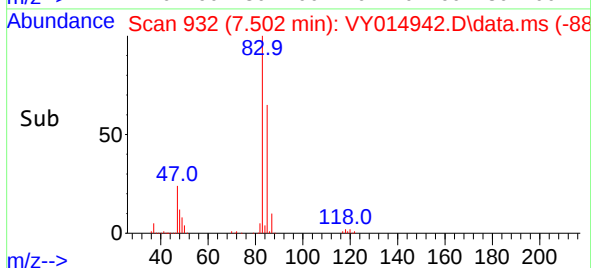
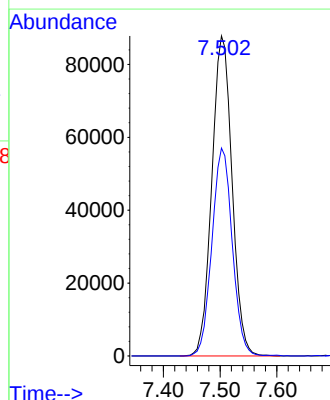
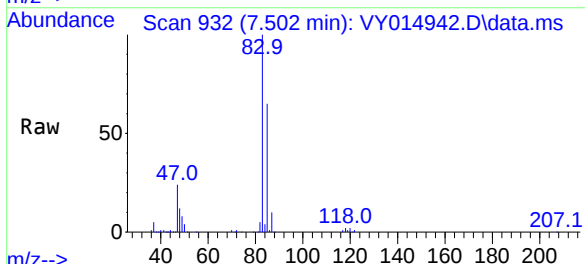
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

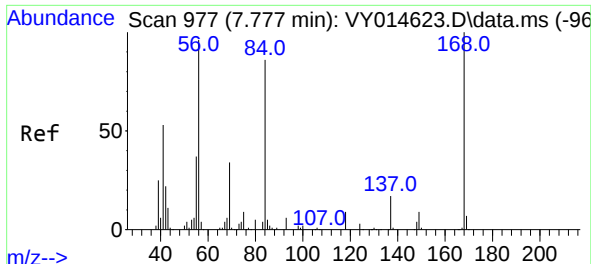
Tgt Ion: 42 Resp: 237777
Ion Ratio Lower Upper
42 100
72 47.3 32.8 49.2
71 43.9 31.0 46.4



#30
Chloroform
Concen: 44.545 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 83 Resp: 217616
Ion Ratio Lower Upper
83 100
85 65.0 49.7 74.5

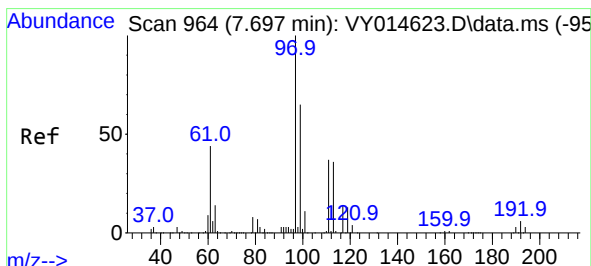
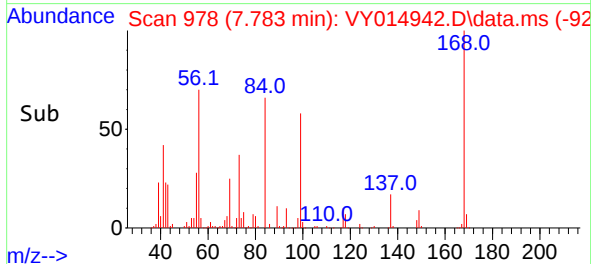
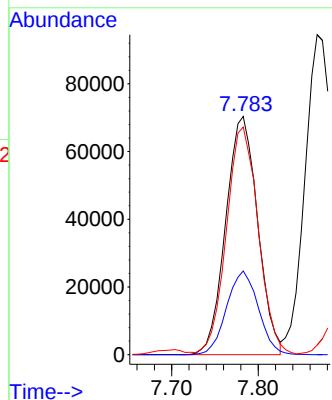
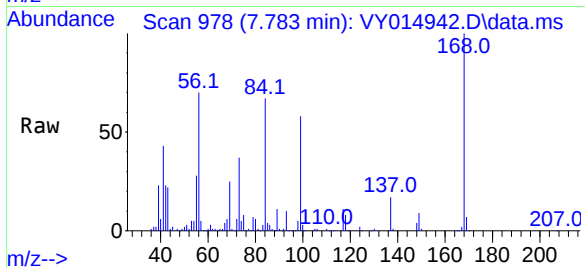




#31
Cyclohexane
Concen: 40.977 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

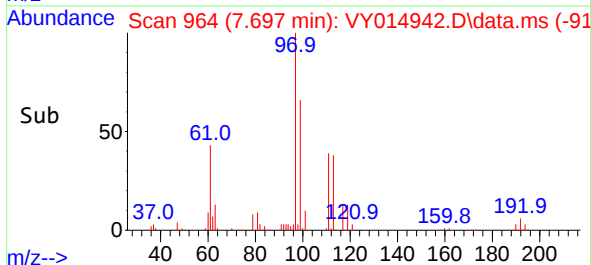
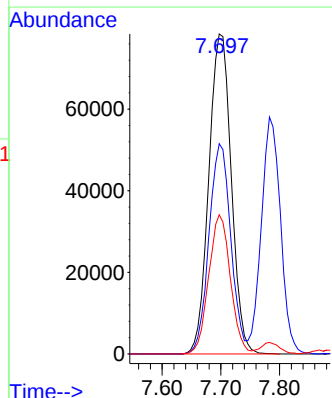
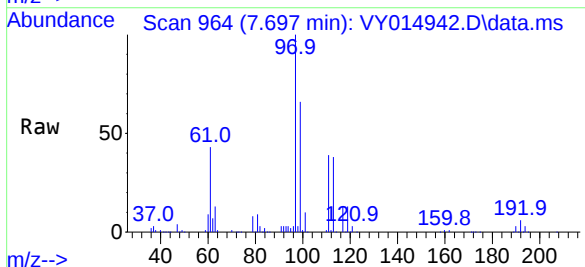
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

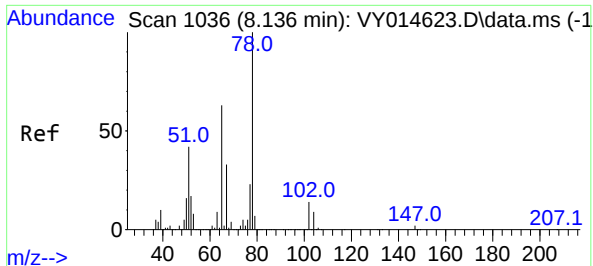
Tgt Ion: 56 Resp: 180540
Ion Ratio Lower Upper
56 100
69 35.1 27.8 41.6
84 93.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 47.322 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 97 Resp: 208070
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 42.1 35.1 52.7

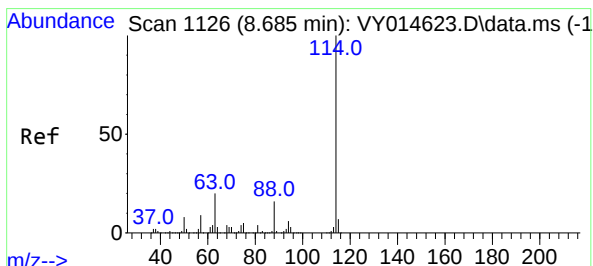
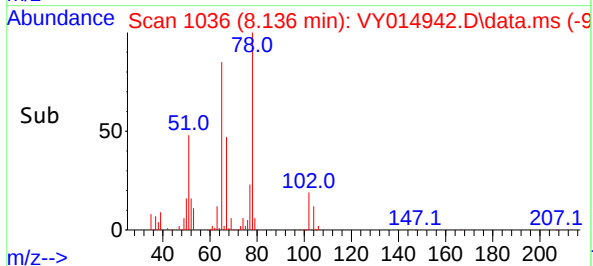
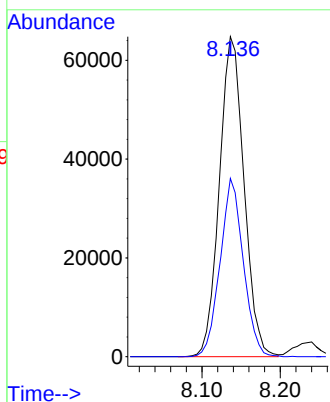
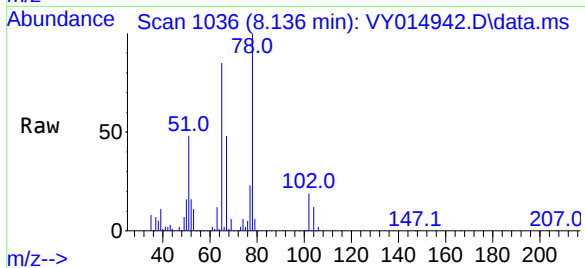




#33
1,2-Dichloroethane-d4
Concen: 53.370 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

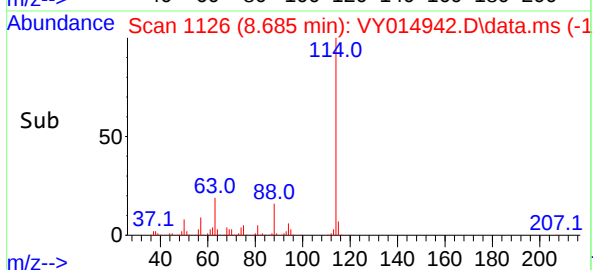
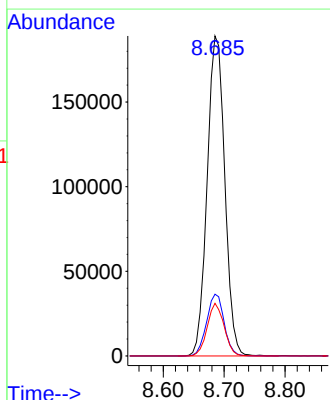
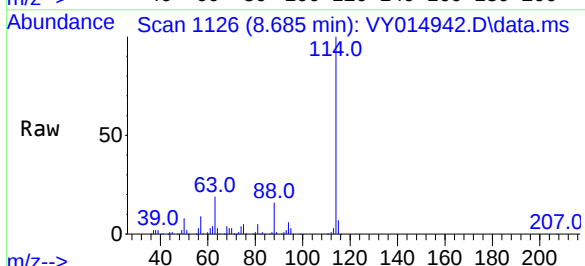
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

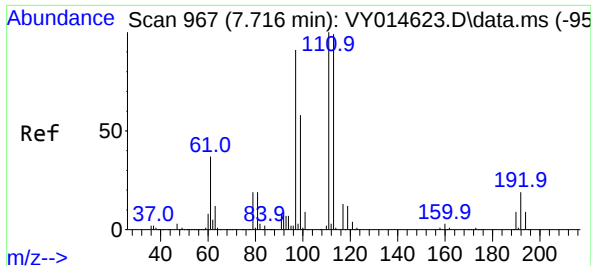
Tgt Ion: 65 Resp: 141653
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 114 Resp: 380412
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 16.5 0.0 30.6

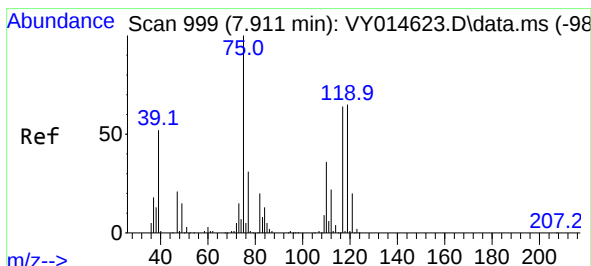
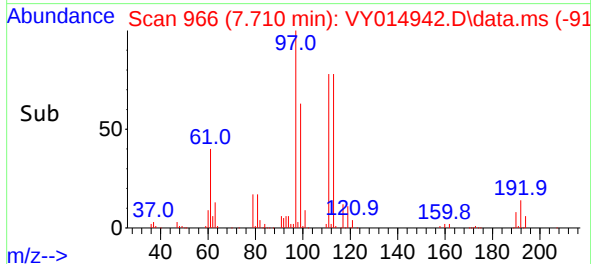
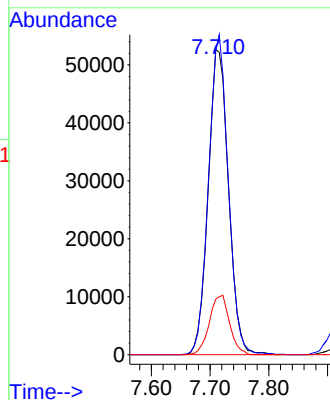
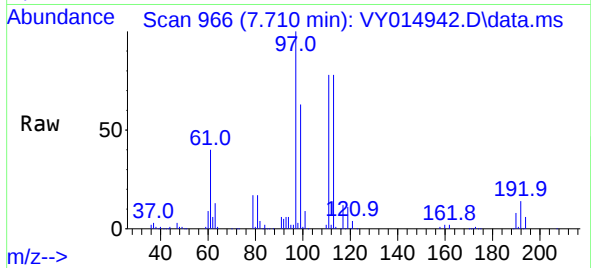




#35
Dibromofluoromethane
Concen: 52.340 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

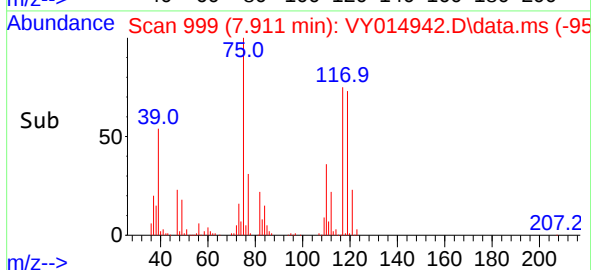
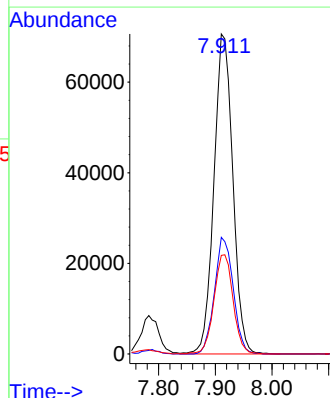
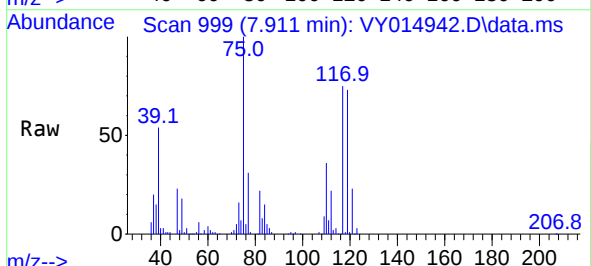
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

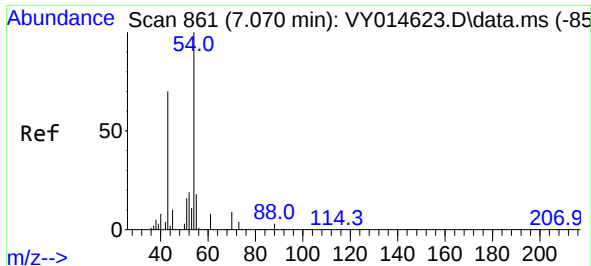
Tgt Ion:113 Resp: 126748
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 45.137 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 75 Resp: 163461
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 31.5 24.4 36.6

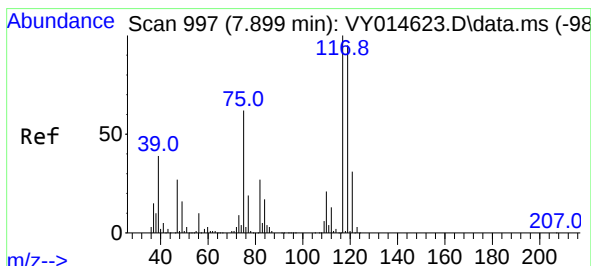
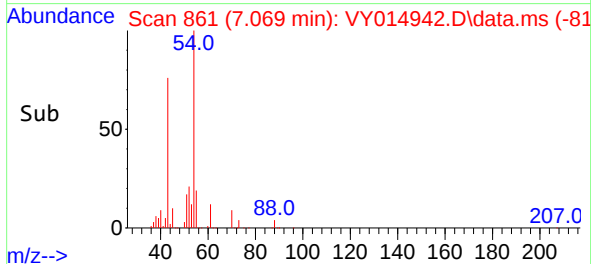
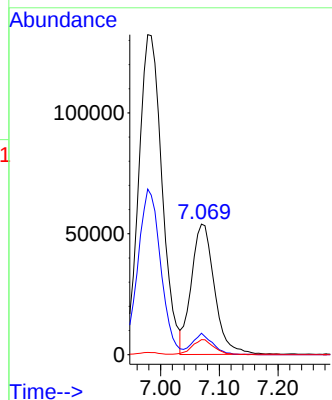
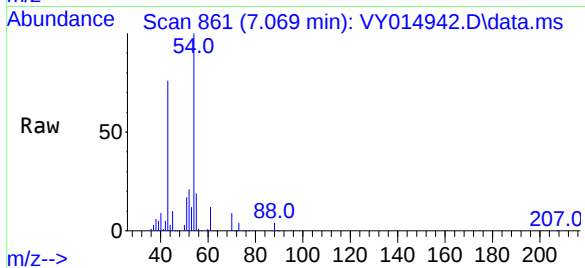




#37
Ethyl Acetate
Concen: 59.195 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.001 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

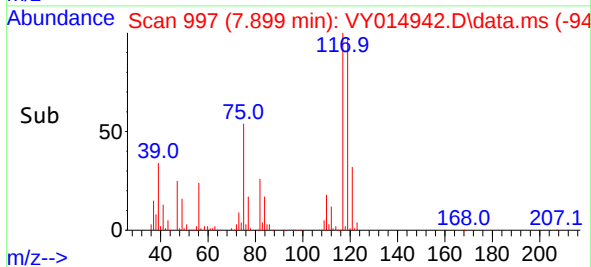
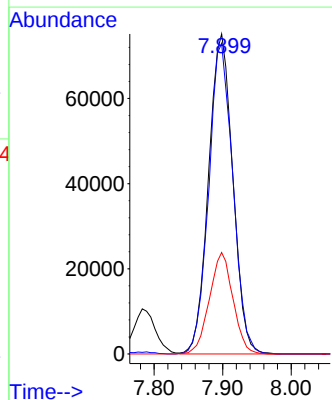
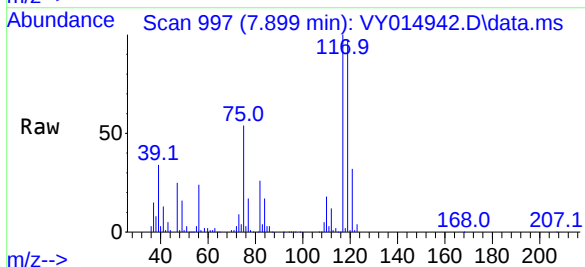
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

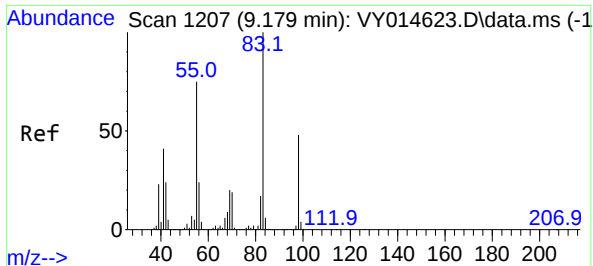
Tgt Ion: 43 Resp: 147595
Ion Ratio Lower Upper
43 100
61 14.2 10.1 15.1
70 10.9 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 48.226 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion:117 Resp: 184619
Ion Ratio Lower Upper
117 100
119 97.1 76.4 114.6
121 31.7 25.8 38.6





#39

Methylcyclohexane

Concen: 44.430 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014942.D

Acq: 02 Aug 2023 19:37

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

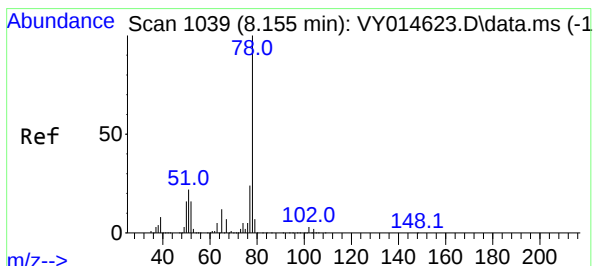
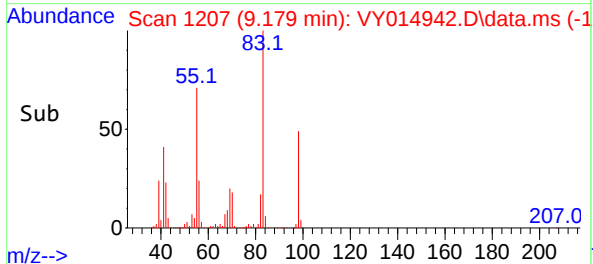
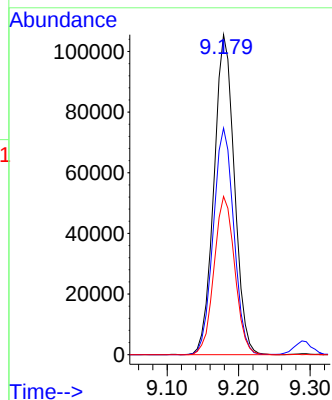
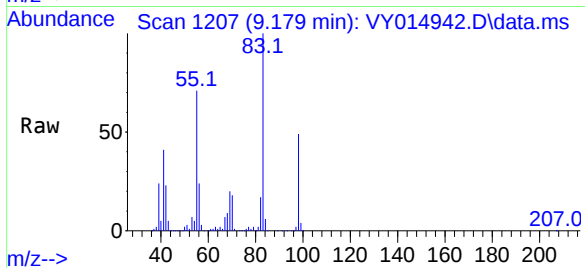
Tgt Ion: 83 Resp: 209621

Ion Ratio Lower Upper

83 100

55 70.7 63.0 94.4

98 49.4 37.4 56.2



#40

Benzene

Concen: 43.960 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014942.D

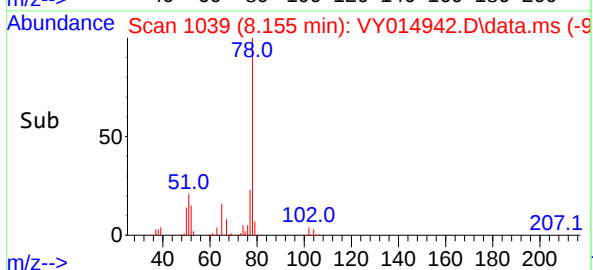
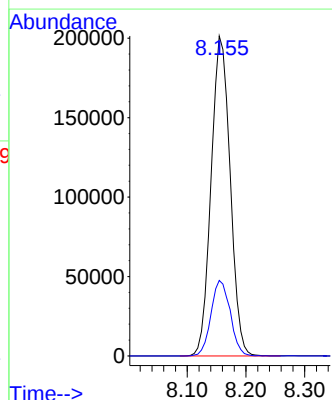
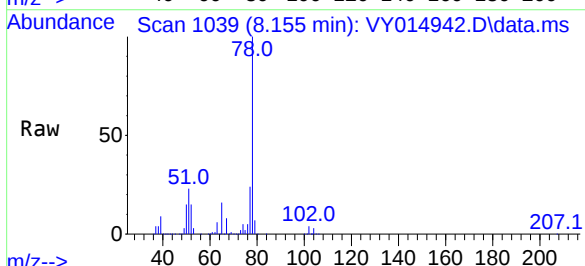
Acq: 02 Aug 2023 19:37

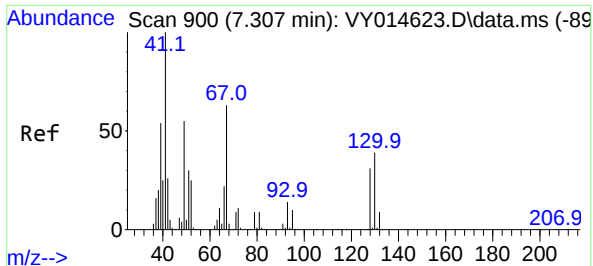
Tgt Ion: 78 Resp: 452765

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

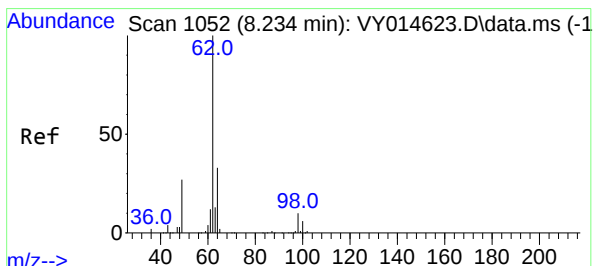
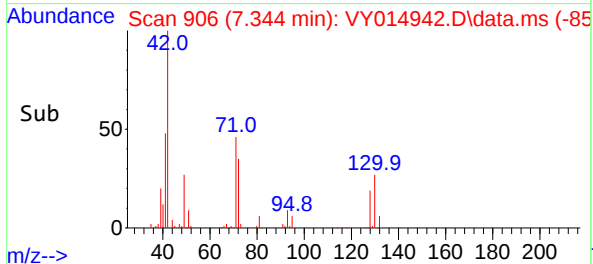
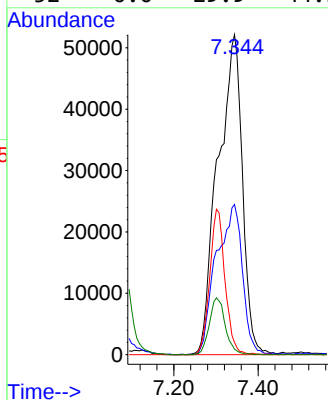
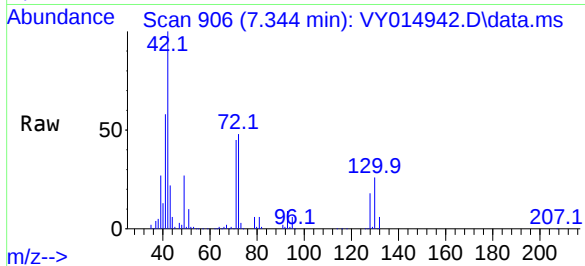




#41
Methacrylonitrile
Concen: 163.258 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

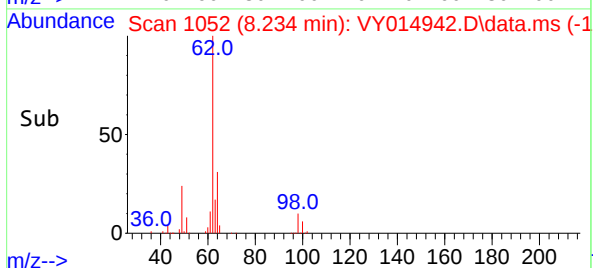
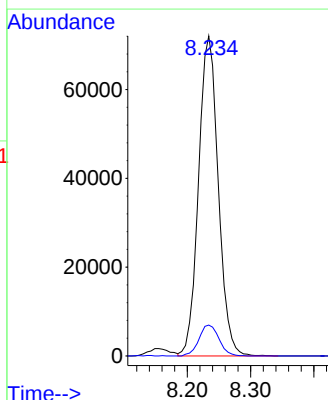
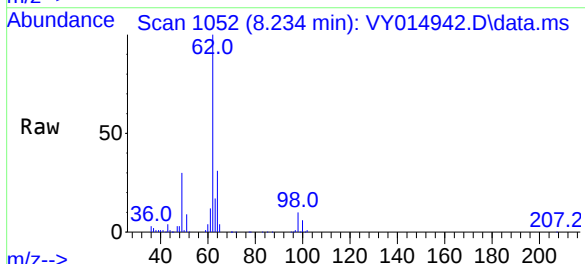
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

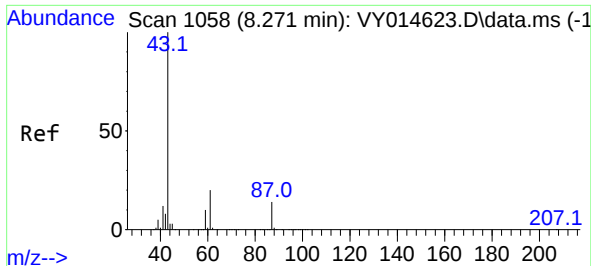
Tgt Ion: 41 Resp: 209374
Ion Ratio Lower Upper
41 100
39 50.2 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 47.925 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 62 Resp: 156313
Ion Ratio Lower Upper
62 100
98 9.8 0.0 15.8

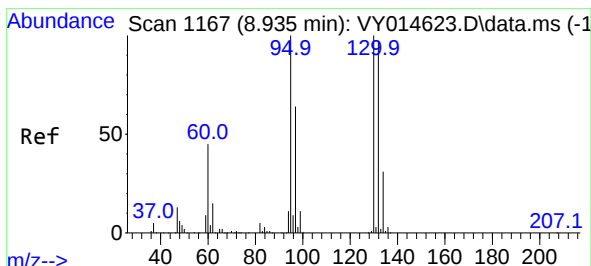
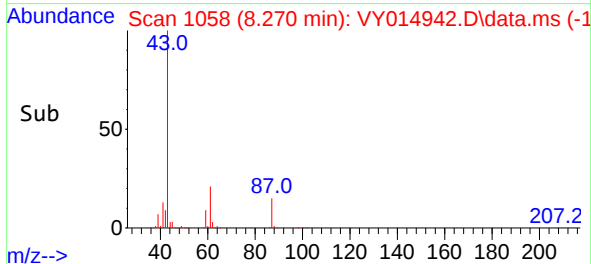
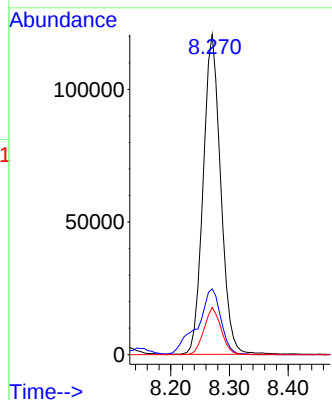
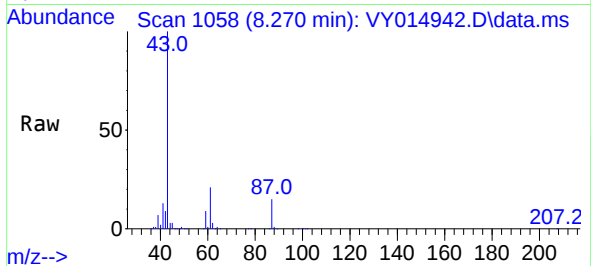




#43
Isopropyl Acetate
Concen: 52.557 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.001 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

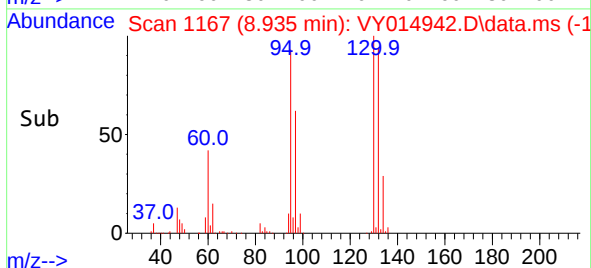
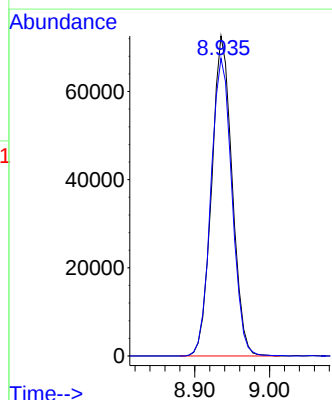
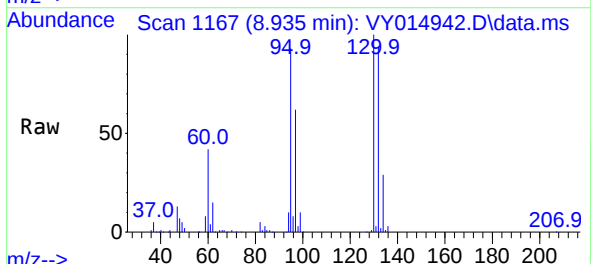
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

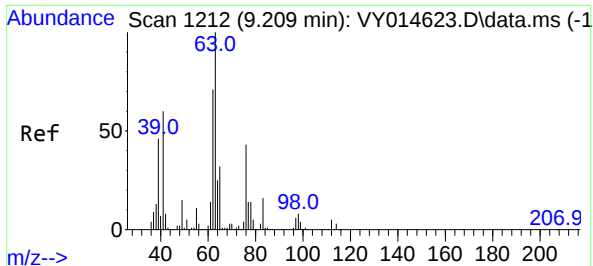
Tgt Ion: 43 Resp: 249627
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 47.950 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion:130 Resp: 138178
Ion Ratio Lower Upper
130 100
95 93.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 43.404 ug/l

RT: 9.209 min Scan# 116734

Delta R.T. 0.000 min

Lab File: VY014942.D

Acq: 02 Aug 2023 19:37

Instrument :

MSVOA_Y

ClientSampleId :

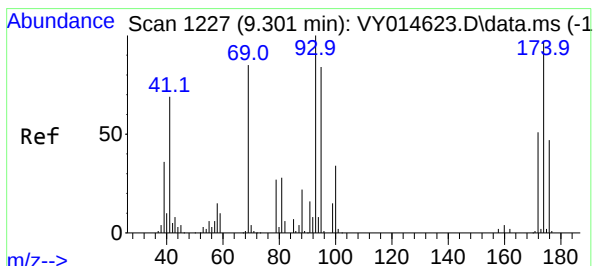
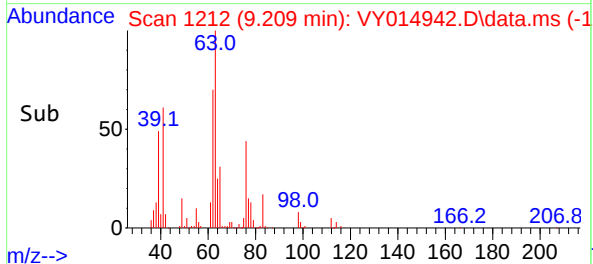
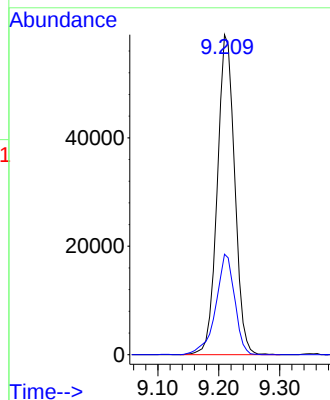
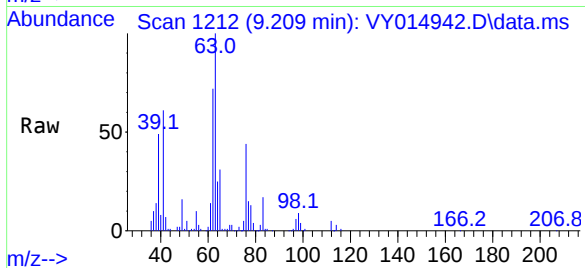
VIBLK

Tgt Ion: 63 Resp: 116734

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 48.982 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY014942.D

Acq: 02 Aug 2023 19:37

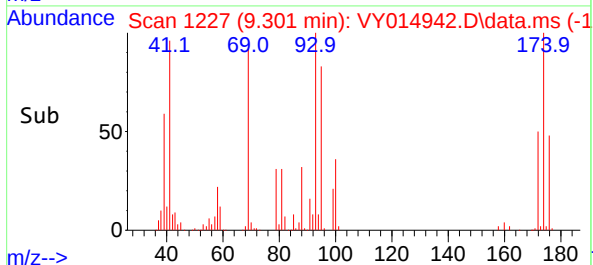
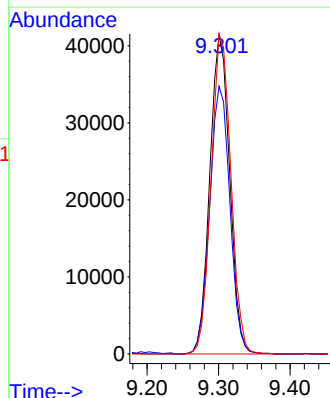
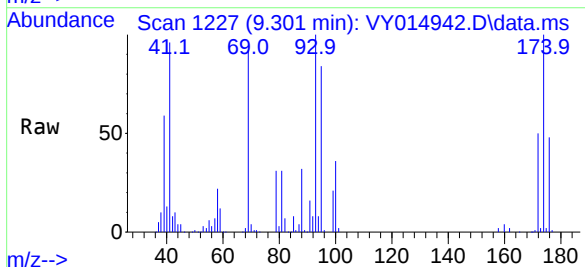
Tgt Ion: 93 Resp: 79917

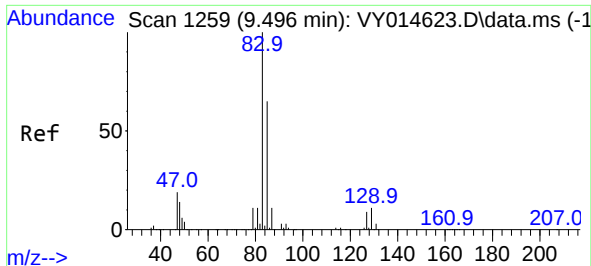
Ion Ratio Lower Upper

93 100

95 85.4 66.6 100.0

174 99.7 84.8 127.2

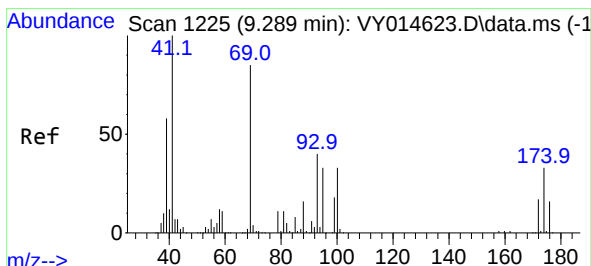
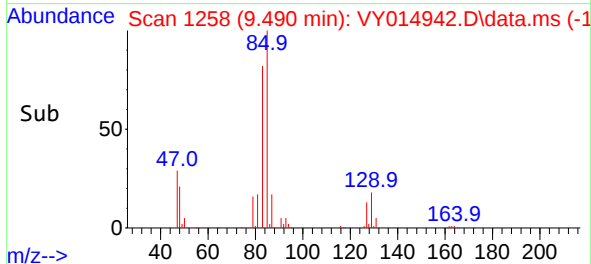
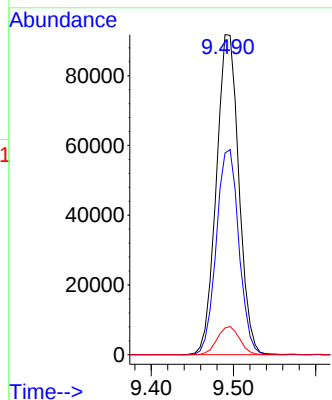
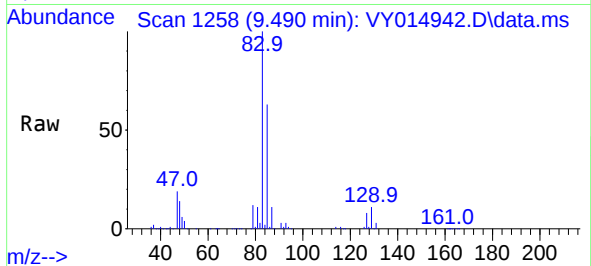




#47
Bromodichloromethane
Concen: 45.404 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

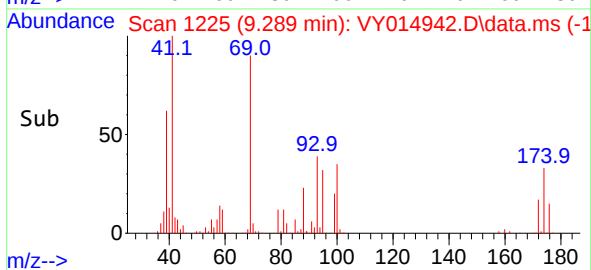
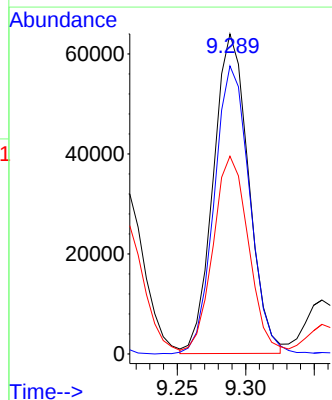
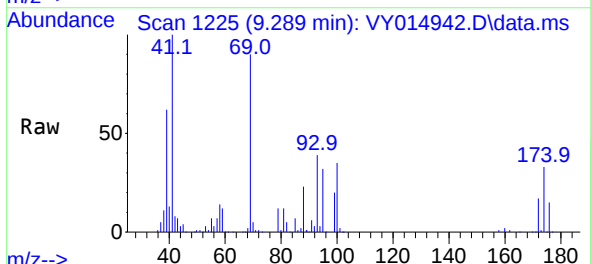
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

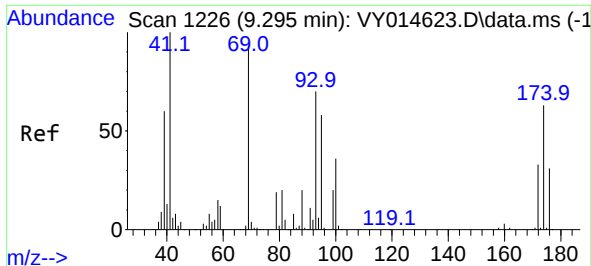
Tgt Ion: 83 Resp: 174597
Ion Ratio Lower Upper
83 100
85 63.0 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 53.521 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 41 Resp: 114384
Ion Ratio Lower Upper
41 100
69 90.7 64.5 96.7
39 60.5 50.8 76.2

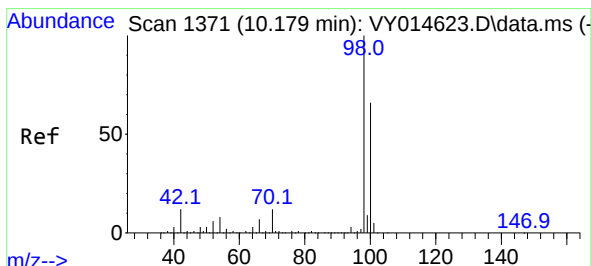
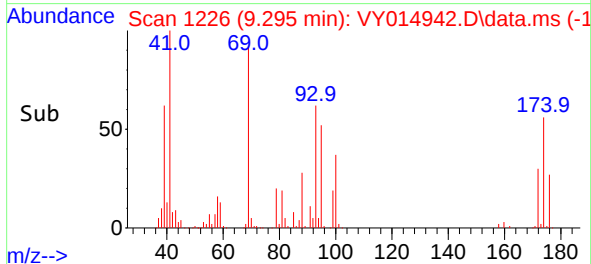
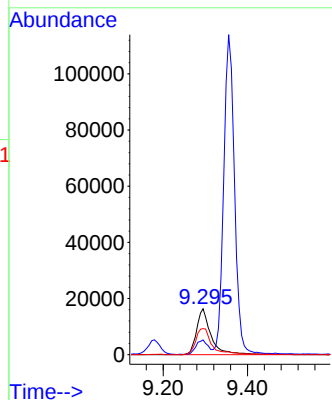
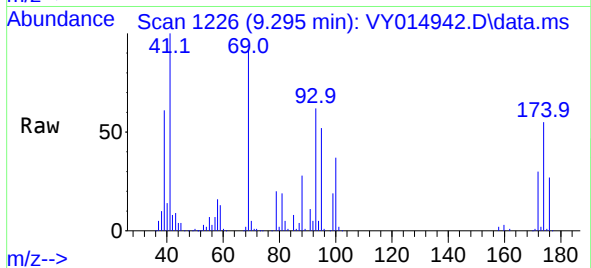




#49
1,4-Dioxane
Concen: 1468.652 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

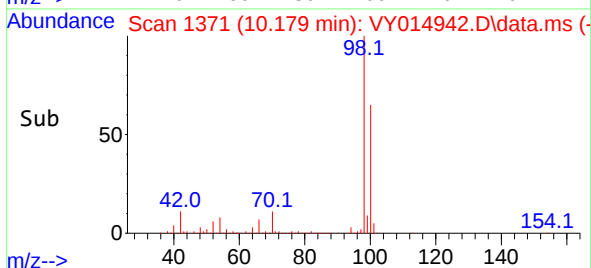
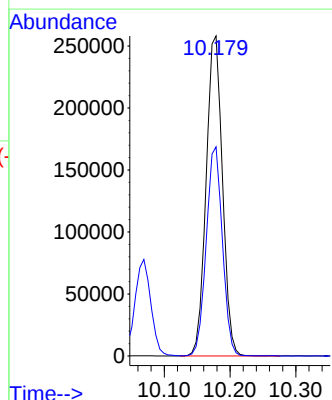
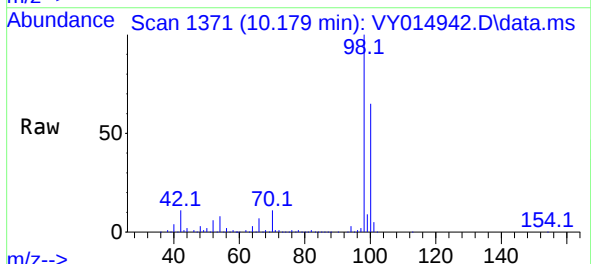
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

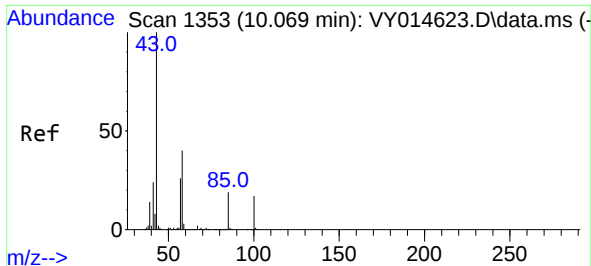
Tgt Ion: 88 Resp: 39072
Ion Ratio Lower Upper
88 100
43 27.0 0.0 0.0#
58 64.6 30.9 46.3#



#50
Toluene-d8
Concen: 49.912 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 98 Resp: 445613
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1

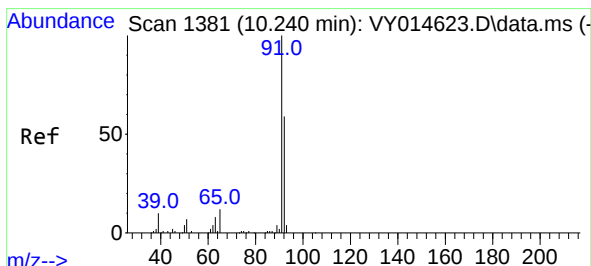
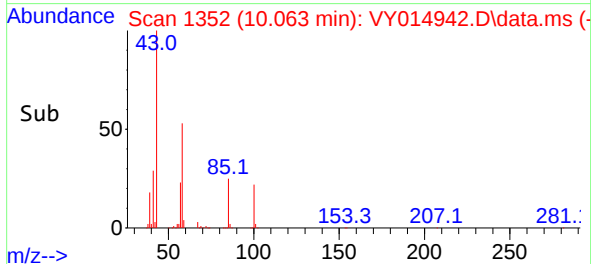
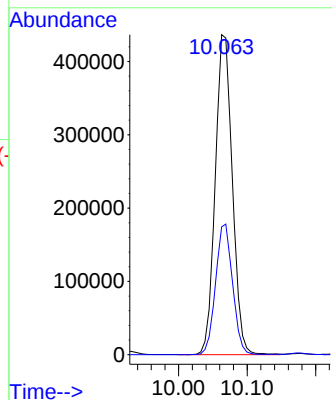
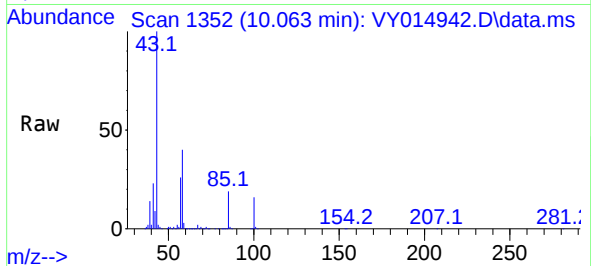




#51
4-Methyl-2-Pentanone
Concen: 303.223 ug/l
RT: 10.063 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

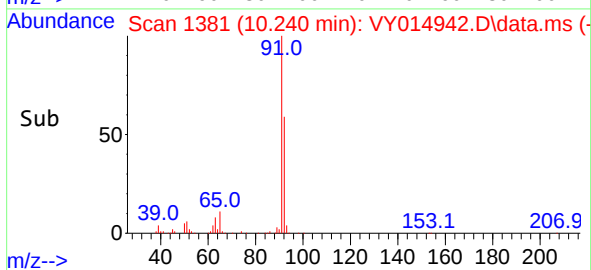
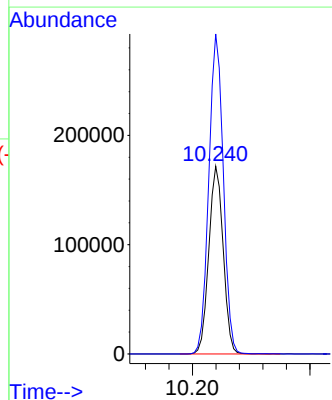
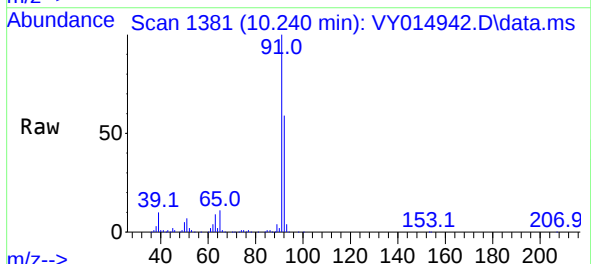
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

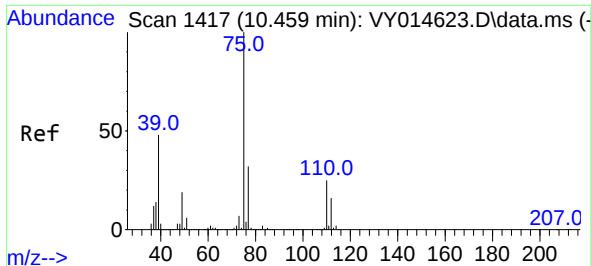
Tgt Ion: 43 Resp: 756166
Ion Ratio Lower Upper
43 100
58 40.5 29.0 43.6



#52
Toluene
Concen: 44.275 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 92 Resp: 291800
Ion Ratio Lower Upper
92 100
91 171.8 143.8 215.6

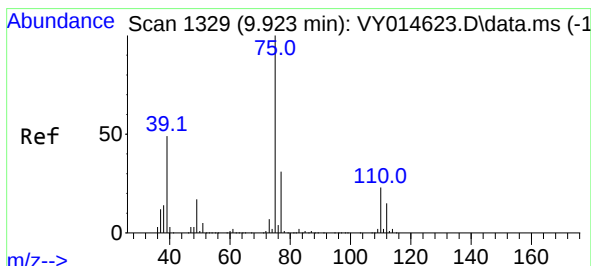
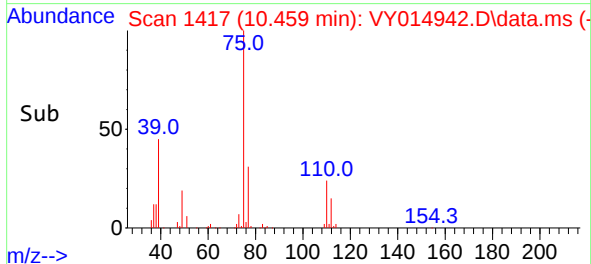
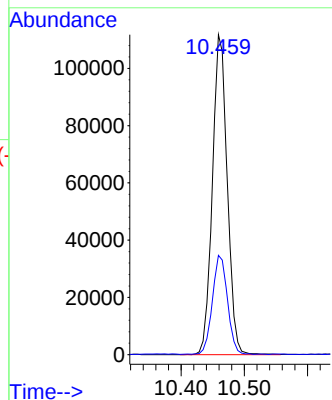
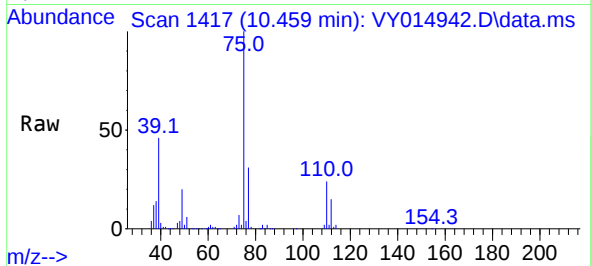




#53
t-1,3-Dichloropropene
Concen: 43.271 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

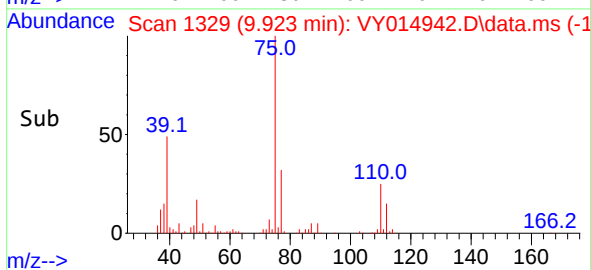
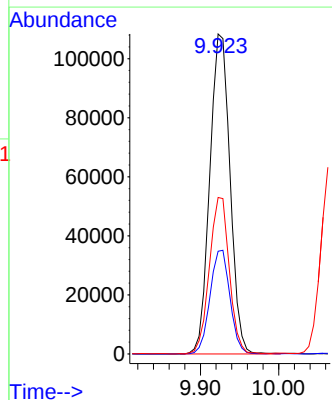
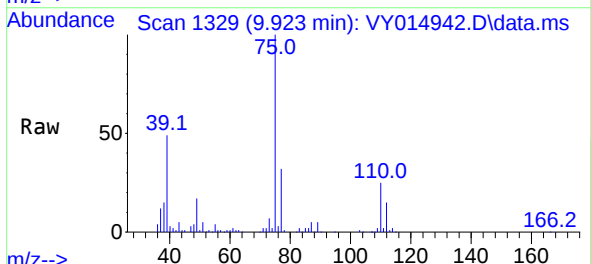
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

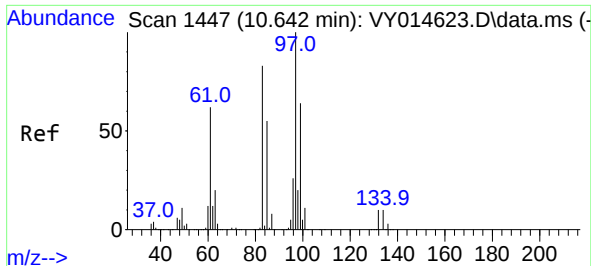
Tgt Ion: 75 Resp: 182009
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 42.549 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 75 Resp: 194627
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4
39 48.8 42.2 63.4



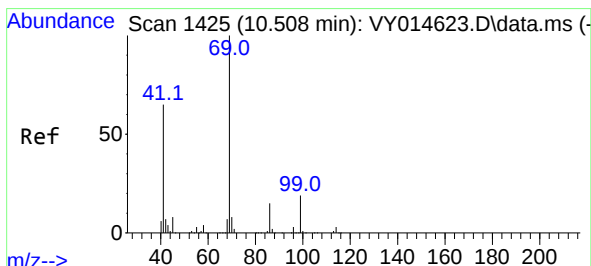
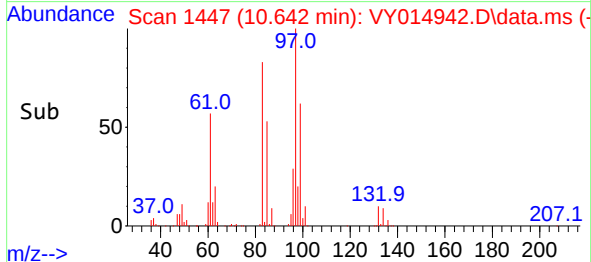
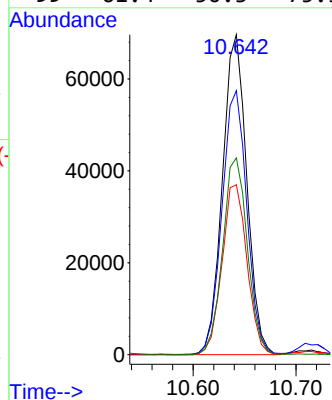
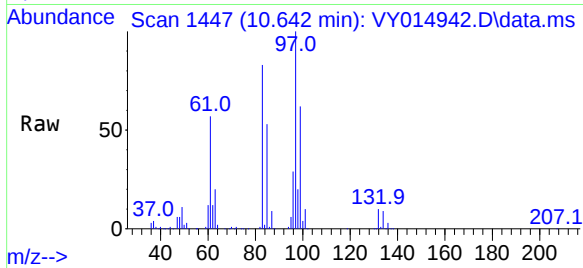


#55
1,1,2-Trichloroethane
Concen: 50.429 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 97 Resp: 114610

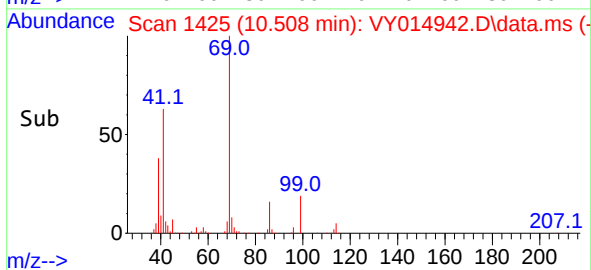
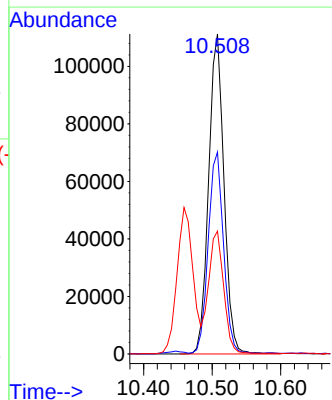
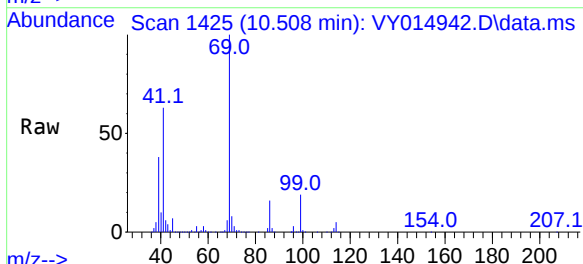
Ion	Ratio	Lower	Upper
97	100		
83	82.5	72.0	108.0
85	53.1	45.4	68.0
99	61.4	50.3	75.5

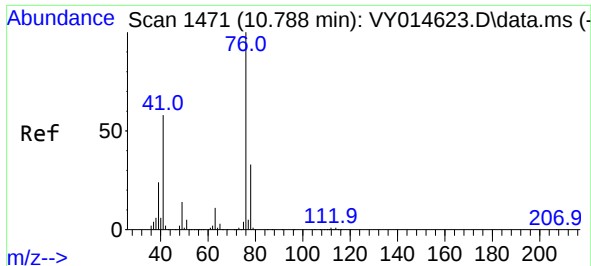


#56
Ethyl methacrylate
Concen: 49.989 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 69 Resp: 173465

Ion	Ratio	Lower	Upper
69	100		
41	62.5	57.6	86.4
39	37.6	34.1	51.1





#57

1,3-Dichloropropane

Concen: 48.336 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014942.D

Acq: 02 Aug 2023 19:37

Instrument :

MSVOA_Y

ClientSampleId :

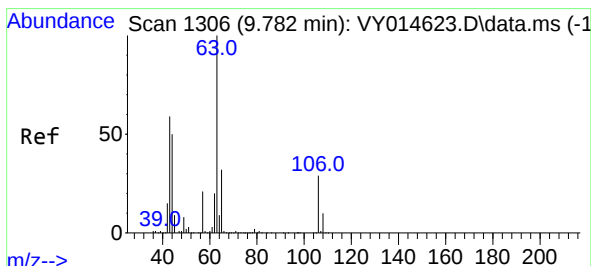
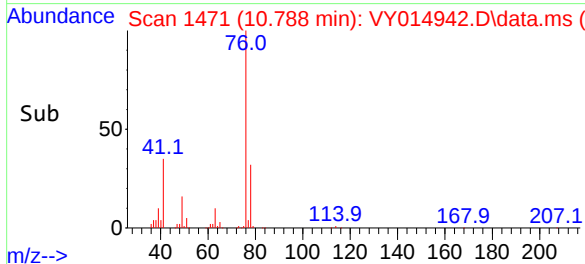
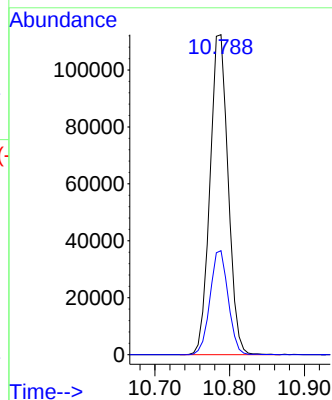
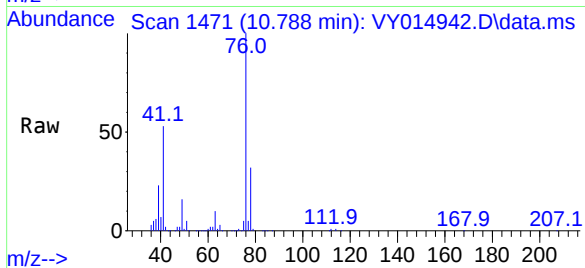
VIBLK

Tgt Ion: 76 Resp: 189473

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 254.558 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014942.D

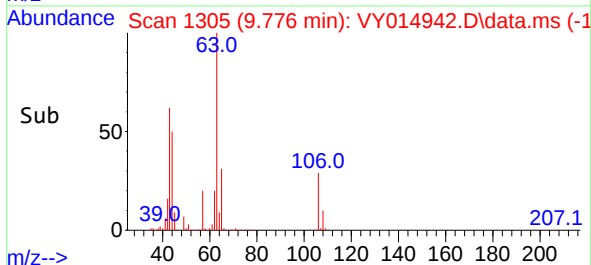
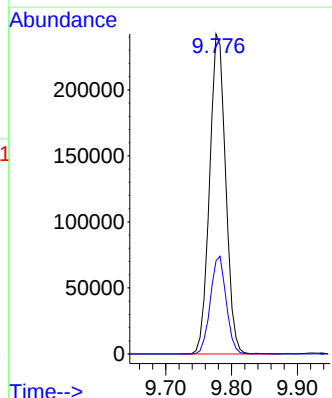
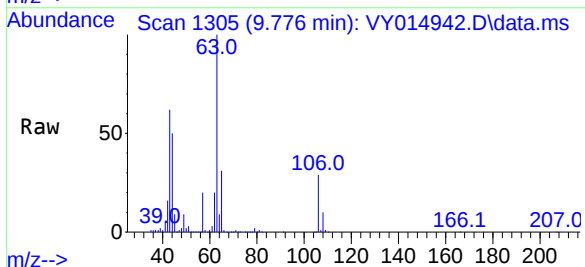
Acq: 02 Aug 2023 19:37

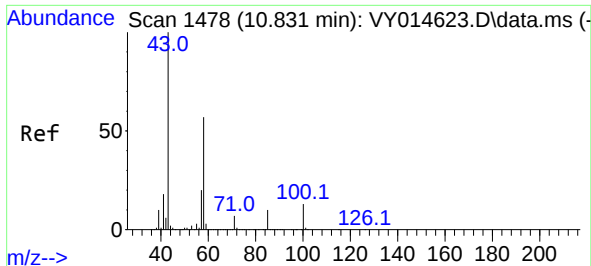
Tgt Ion: 63 Resp: 411580

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

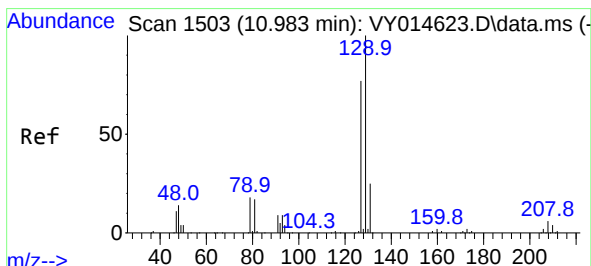
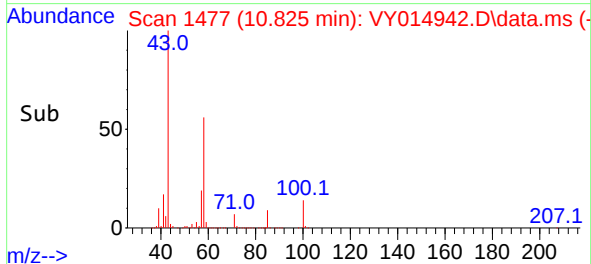
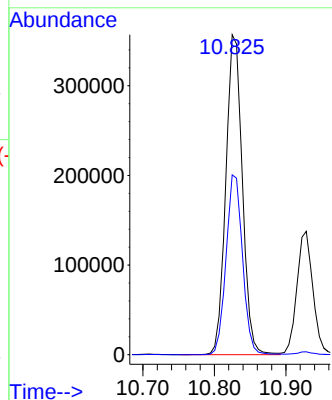
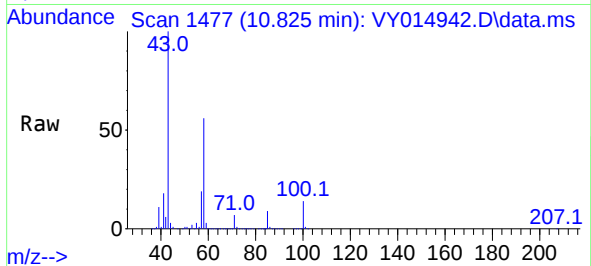




#59
2-Hexanone
Concen: 315.038 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

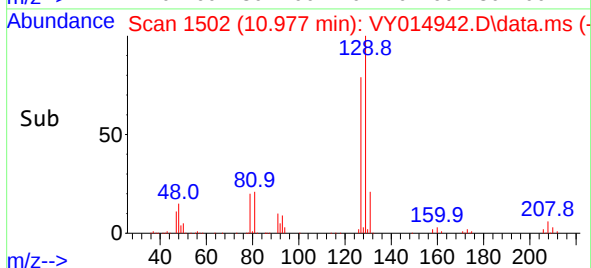
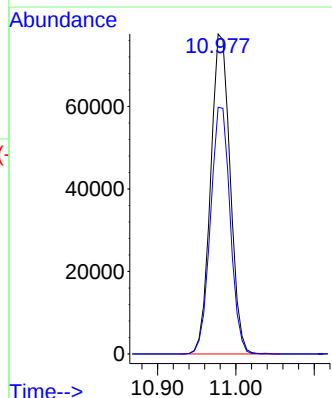
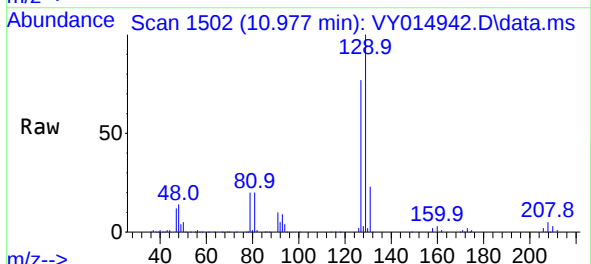
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

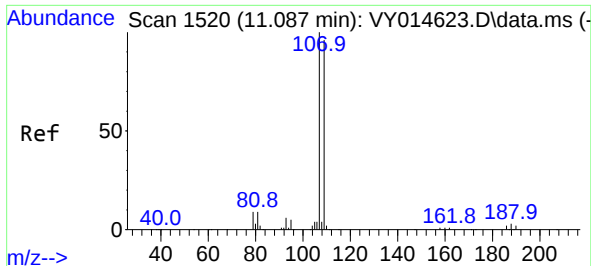
Tgt Ion: 43 Resp: 572923
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3



#60
Dibromochloromethane
Concen: 48.200 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 129 Resp: 134309
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

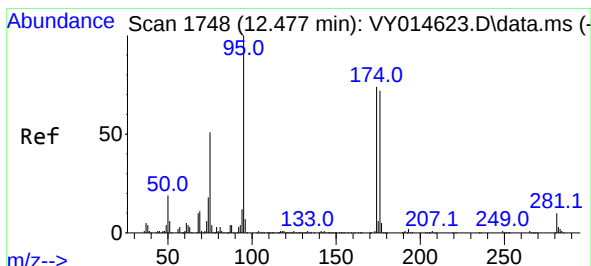
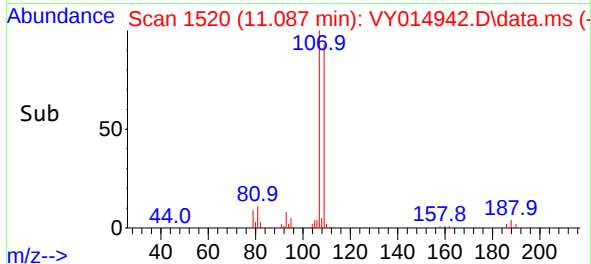
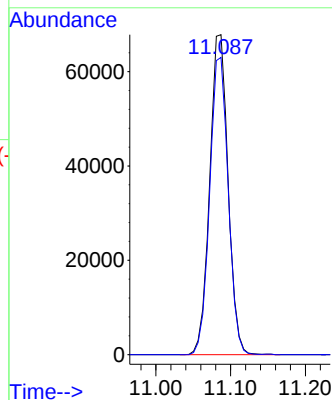
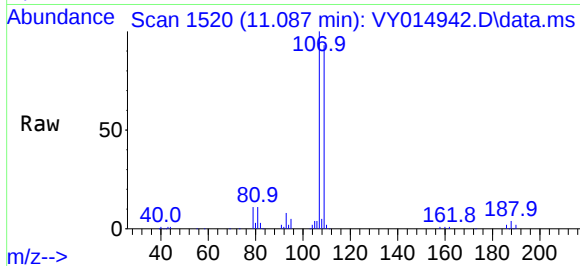




#61
1,2-Dibromoethane
Concen: 51.161 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

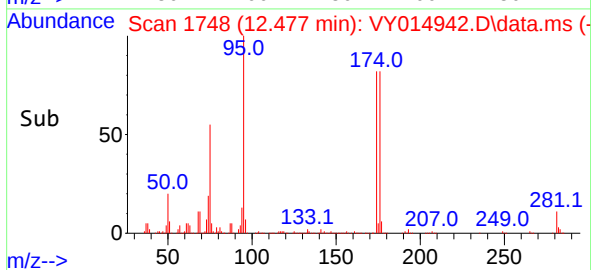
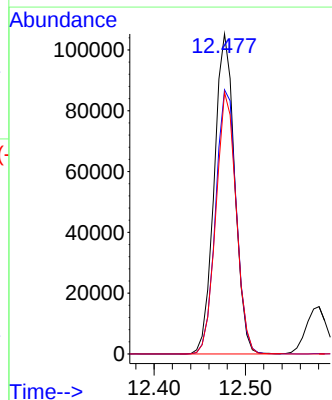
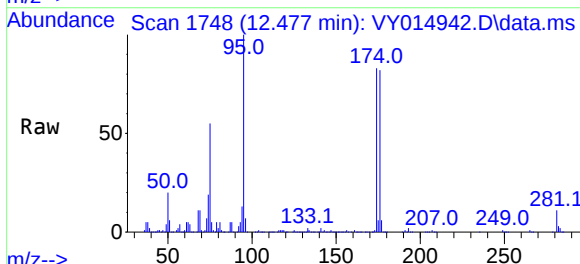
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

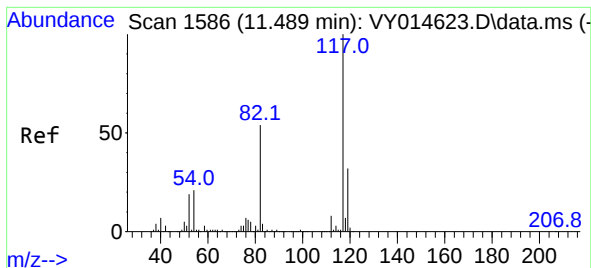
Tgt Ion:107 Resp: 115994
Ion Ratio Lower Upper
107 100
109 93.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.836 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 95 Resp: 163757
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 80.8 0.0 173.8

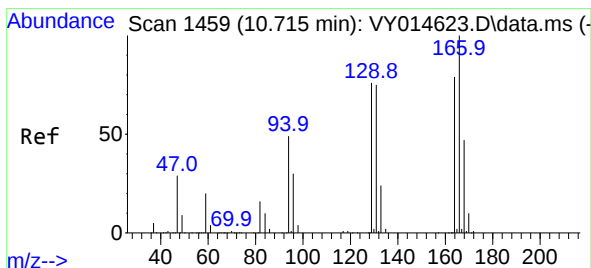
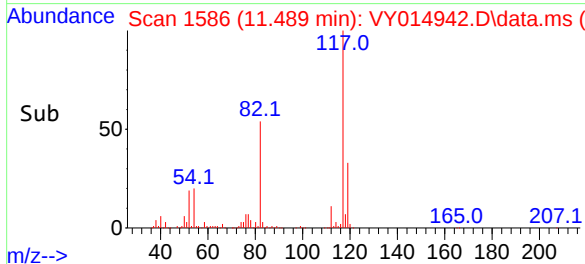
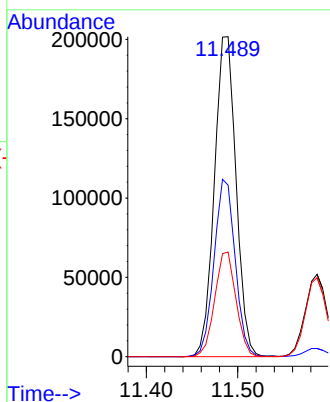
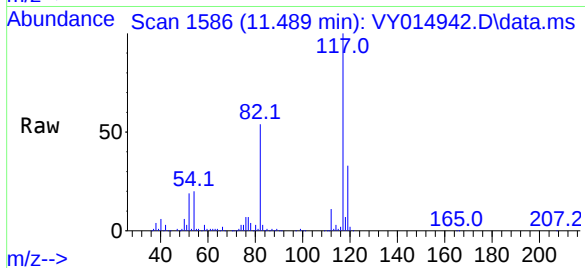




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

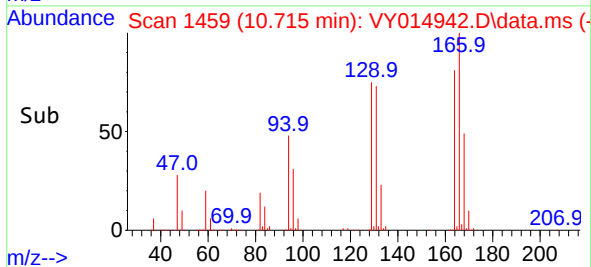
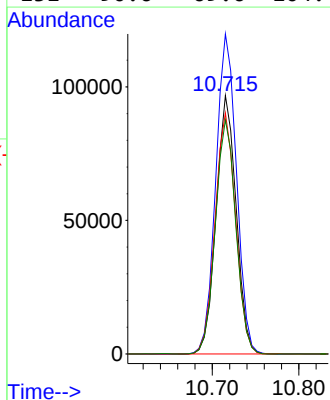
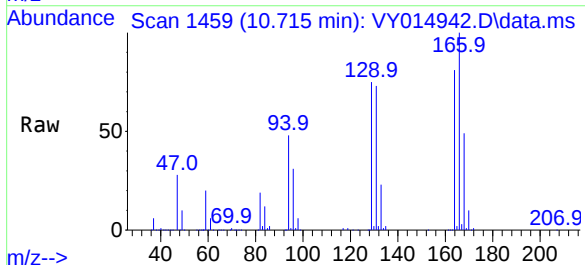
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

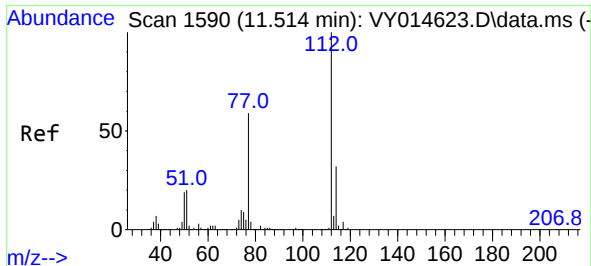
Tgt Ion:117 Resp: 332637
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 58.285 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion:164 Resp: 155928
Ion Ratio Lower Upper
164 100
166 123.8 103.0 154.6
129 93.2 77.2 115.8
131 90.6 69.6 104.4

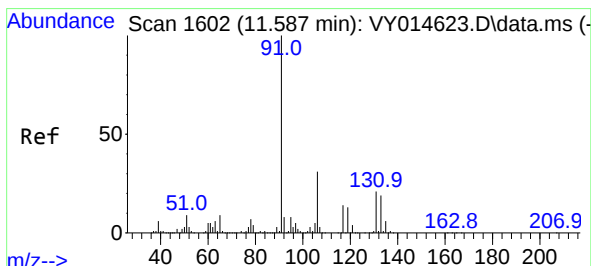
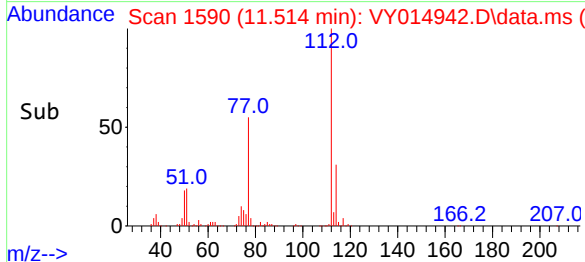
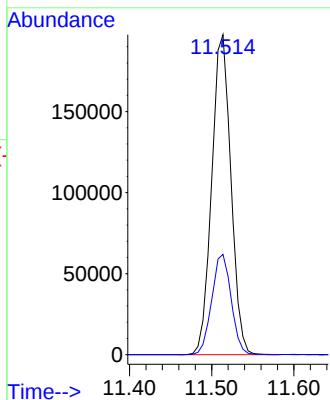
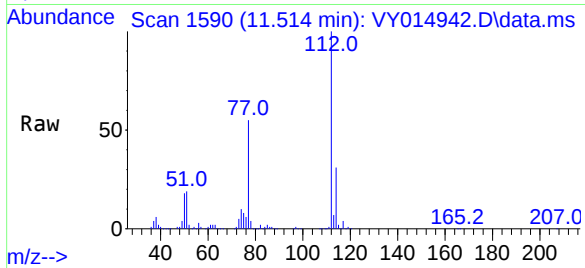




#65
Chlorobenzene
Concen: 45.160 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

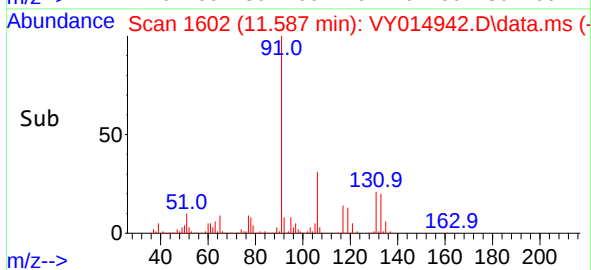
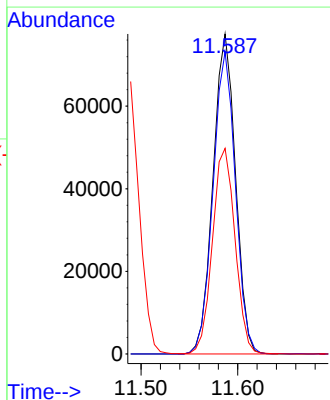
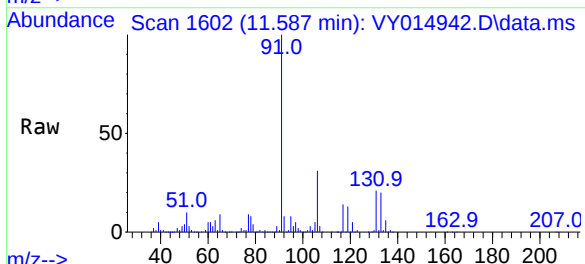
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

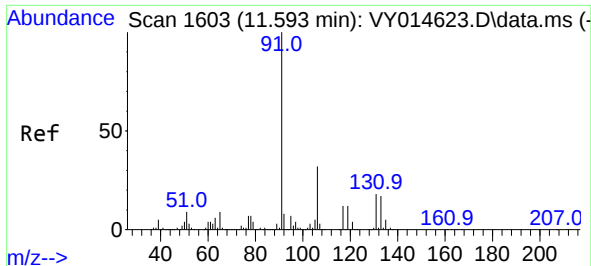
Tgt Ion:112 Resp: 320113
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 46.595 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion:131 Resp: 124532
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 64.9 31.6 94.7





#67

Ethyl Benzene

Concen: 44.978 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014942.D

Acq: 02 Aug 2023 19:37

Instrument :

MSVOA_Y

ClientSampleId :

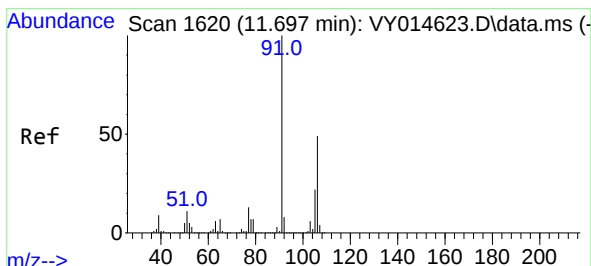
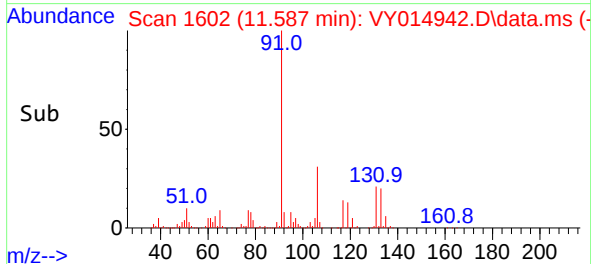
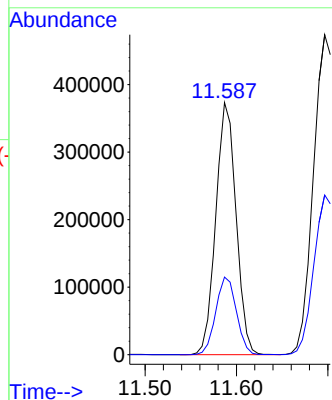
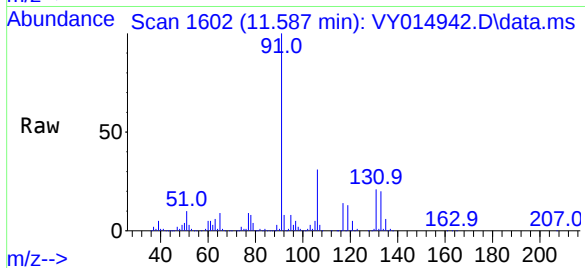
VIBLK

Tgt Ion: 91 Resp: 575634

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8



#68

m/p-Xylenes

Concen: 89.158 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014942.D

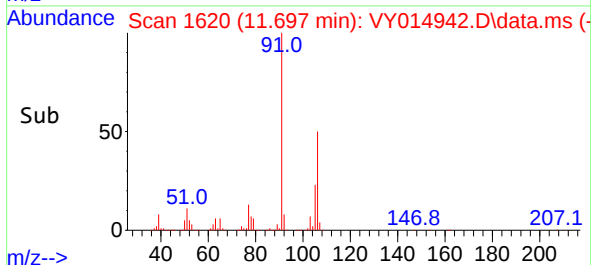
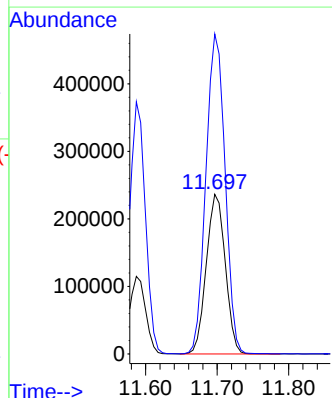
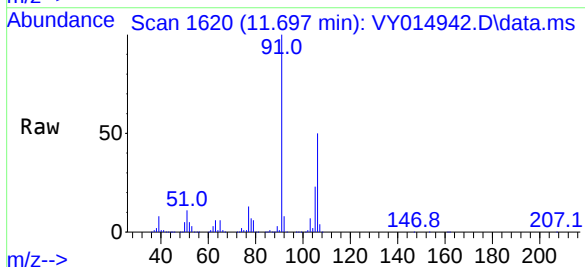
Acq: 02 Aug 2023 19:37

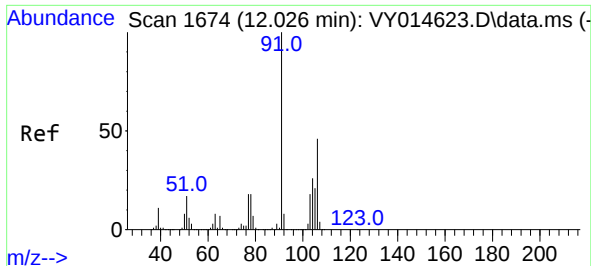
Tgt Ion:106 Resp: 435570

Ion Ratio Lower Upper

106 100

91 202.1 166.1 249.1

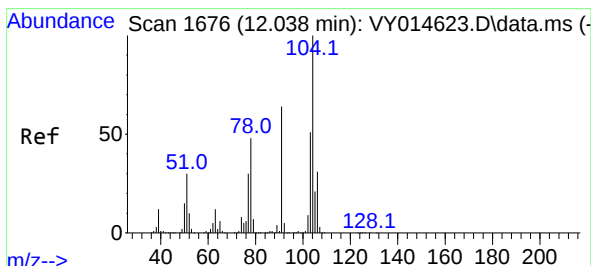
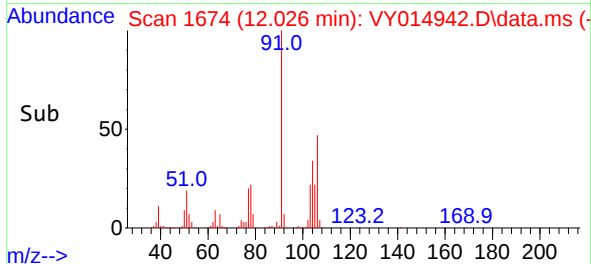
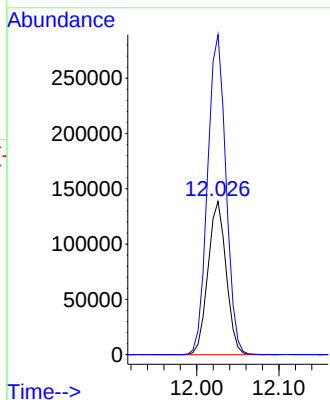
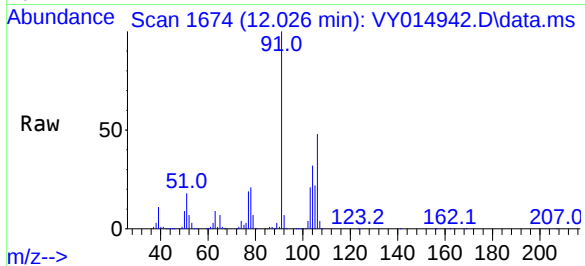




#69
o-Xylene
Concen: 44.725 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

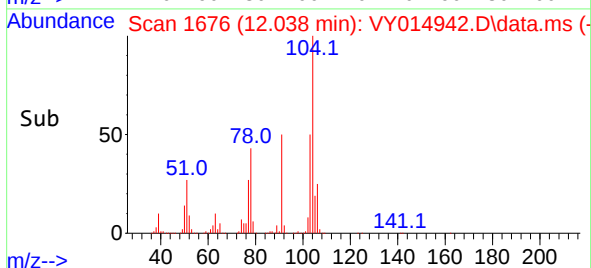
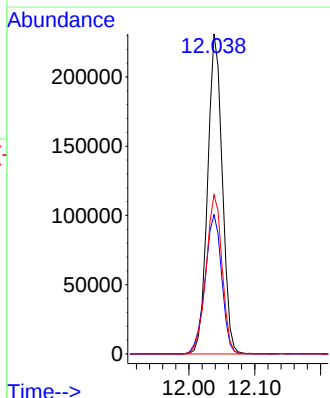
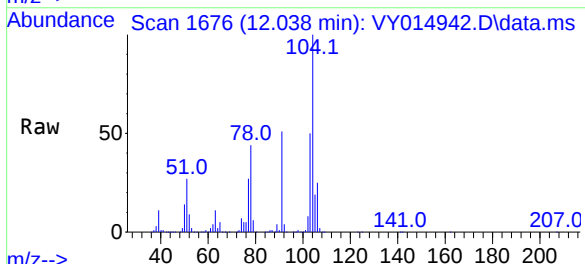
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

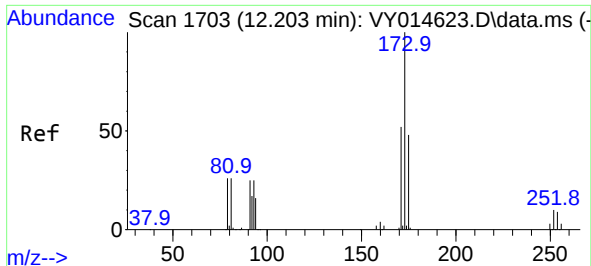
Tgt Ion:106 Resp: 212819
Ion Ratio Lower Upper
106 100
91 211.4 108.1 324.3



#70
Styrene
Concen: 44.696 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion:104 Resp: 358455
Ion Ratio Lower Upper
104 100
78 49.3 41.5 62.3
103 54.4 44.6 67.0

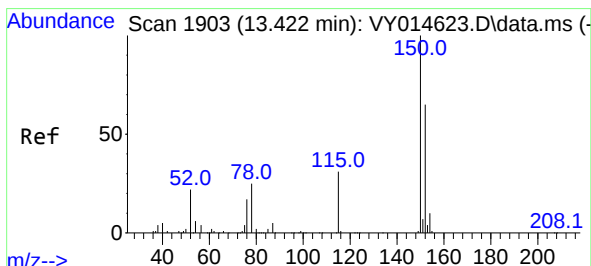
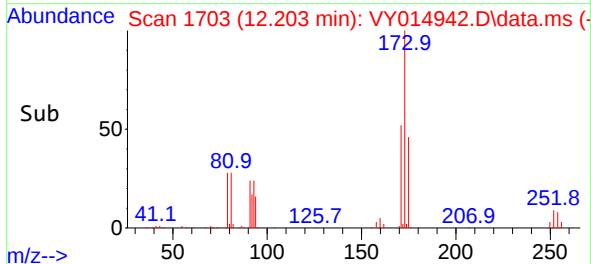
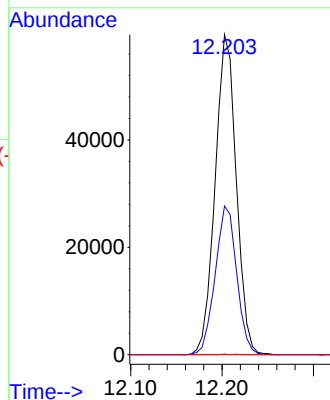
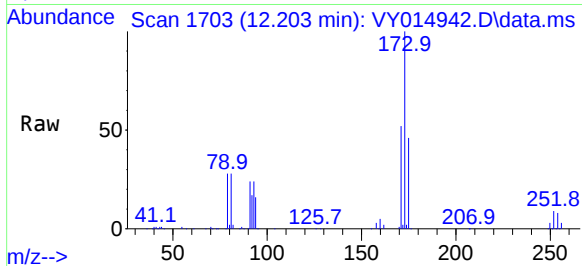




#71
Bromoform
Concen: 52.907 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

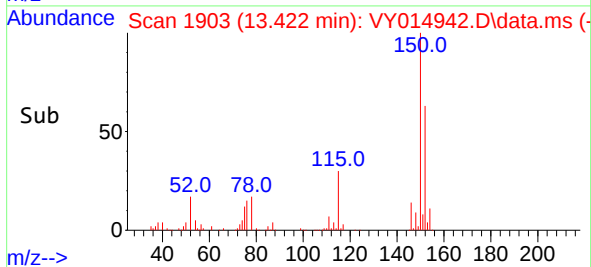
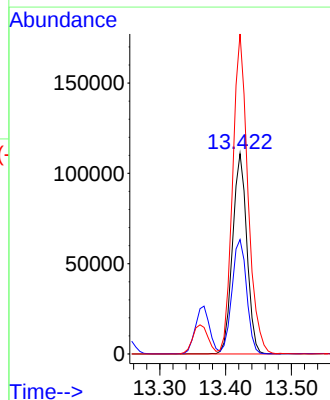
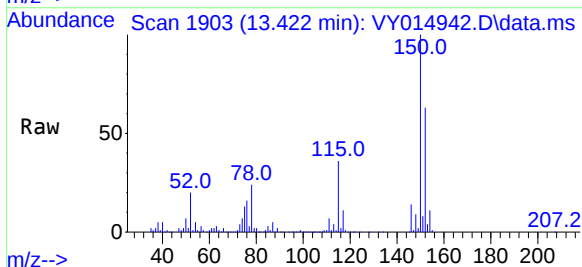
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

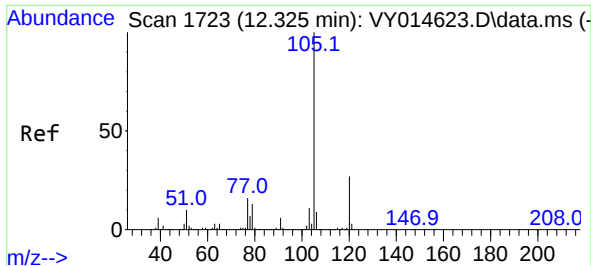
Tgt Ion:173 Resp: 95845
Ion Ratio Lower Upper
173 100
175 47.2 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion:152 Resp: 168115
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 170.6 0.0 348.8

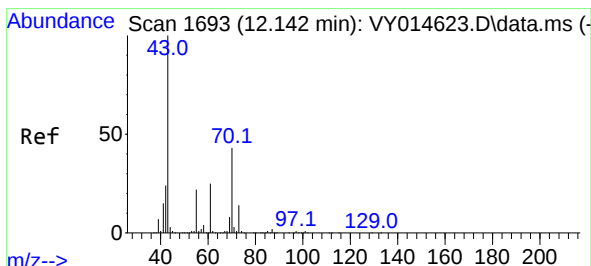
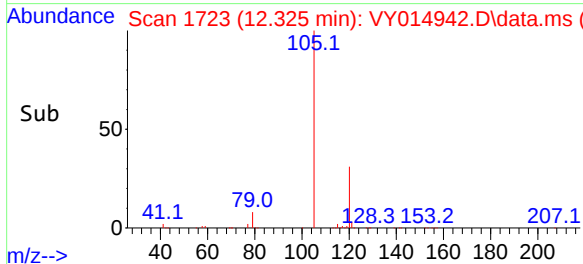
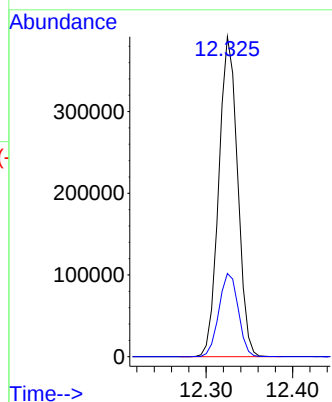
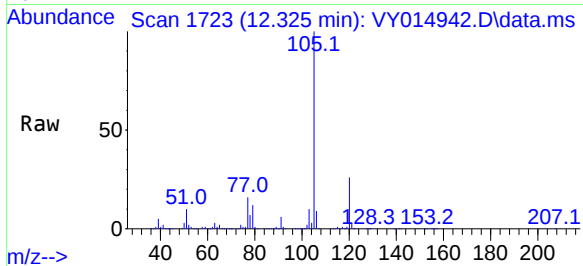




#73
Isopropylbenzene
Concen: 44.912 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

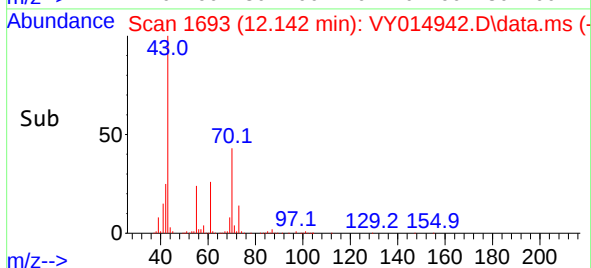
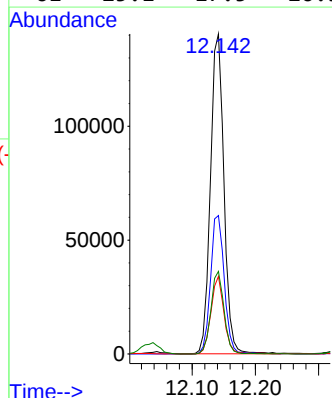
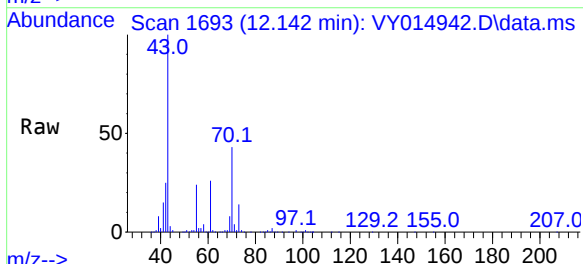
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

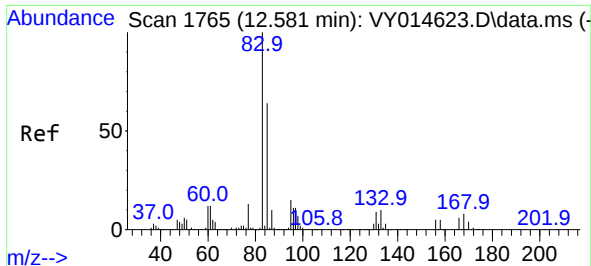
Tgt Ion:105 Resp: 591195
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 47.328 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 43 Resp: 208656
Ion Ratio Lower Upper
43 100
70 44.4 29.7 44.5
55 23.4 18.3 27.5
61 25.1 17.5 26.3

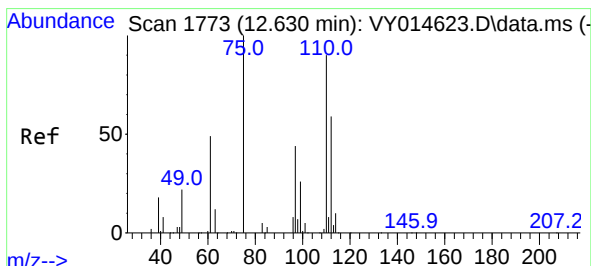
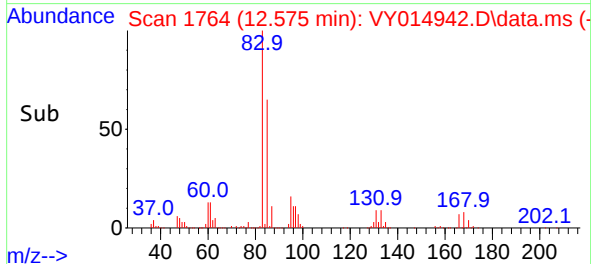
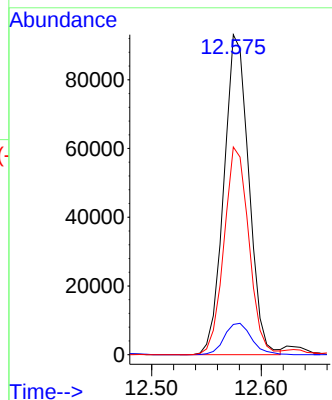
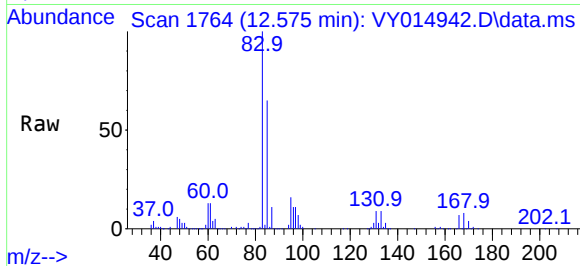




#75
1,1,2,2-Tetrachloroethane
Concen: 49.022 ug/l
RT: 12.575 min Scan# 1764
Delta R.T. -0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

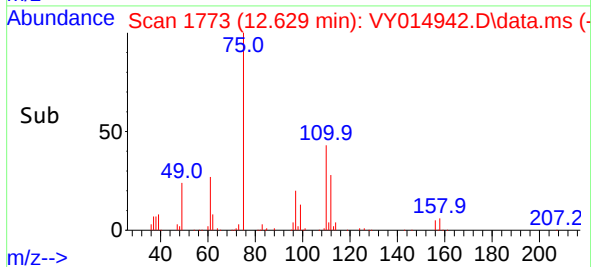
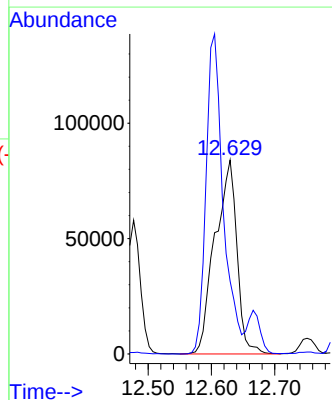
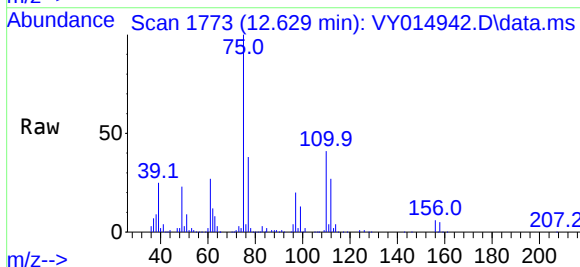
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

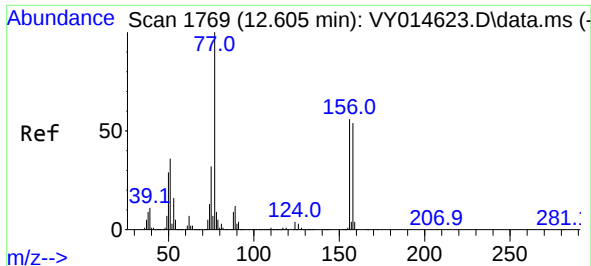
Tgt Ion: 83 Resp: 147156
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 64.8 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 95.177 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.001 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 75 Resp: 202085
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

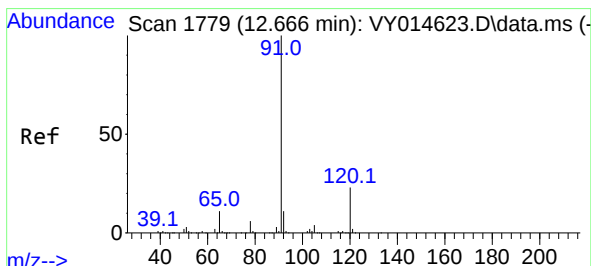
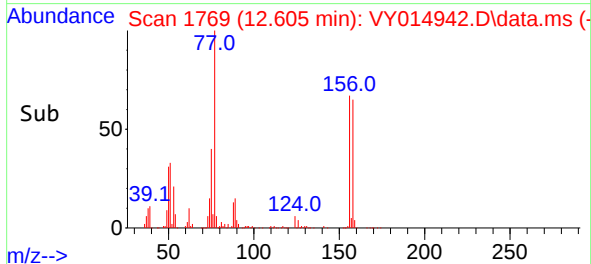
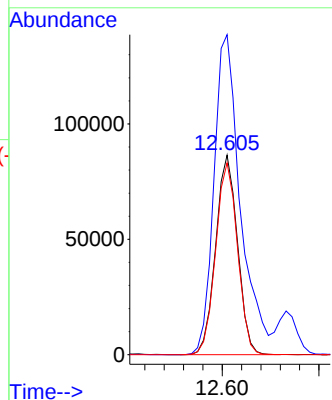
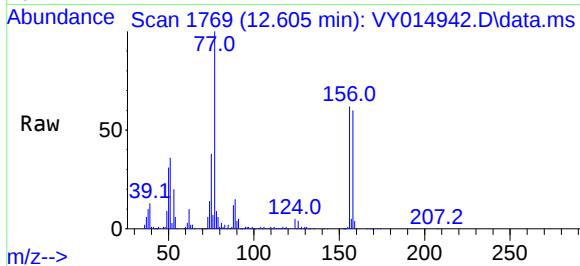




#77
Bromobenzene
Concen: 45.048 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

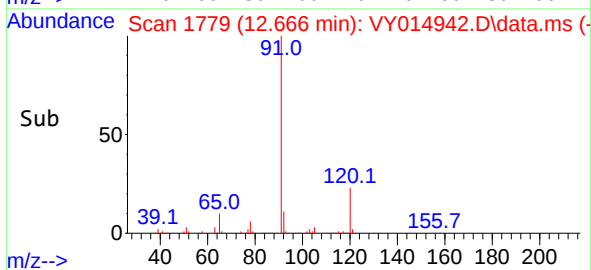
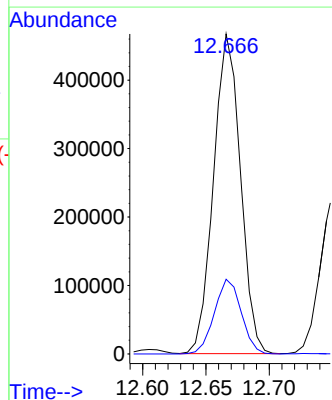
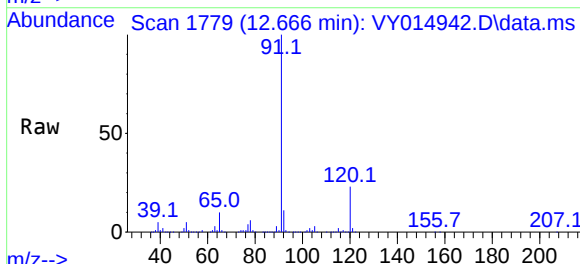
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

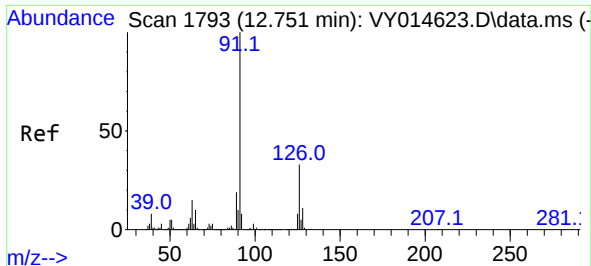
Tgt Ion:156 Resp: 135359
Ion Ratio Lower Upper
156 100
77 193.3 92.8 278.6
158 96.2 48.4 145.3



#78
n-propylbenzene
Concen: 43.481 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 91 Resp: 689705
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4

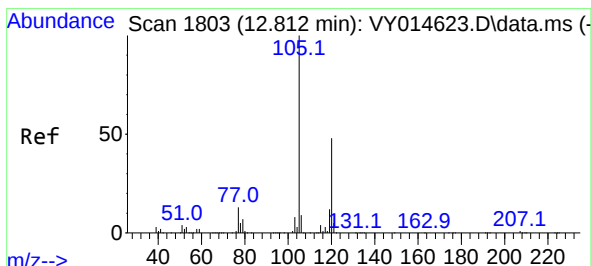
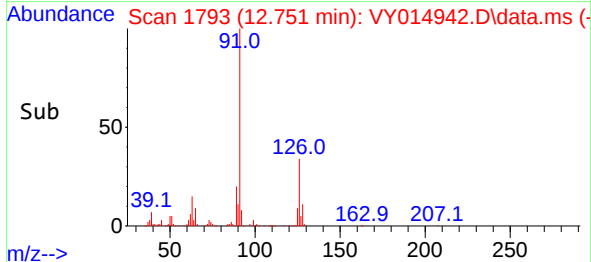
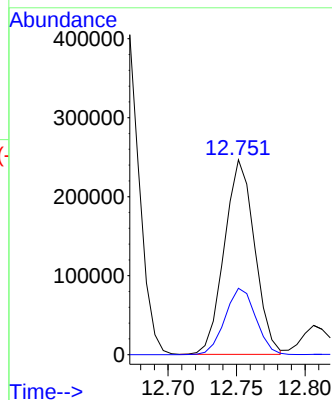
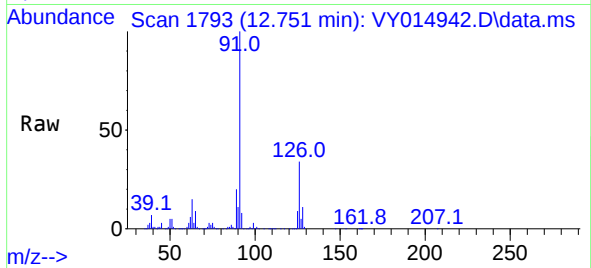




#79
2-Chlorotoluene
Concen: 41.609 ug/l
RT: 12.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

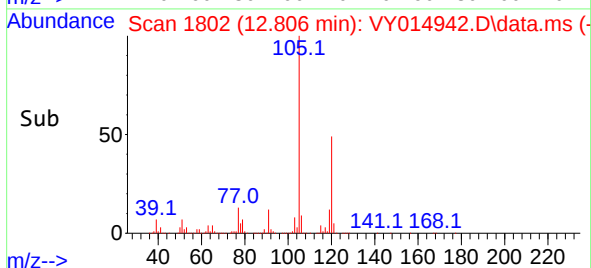
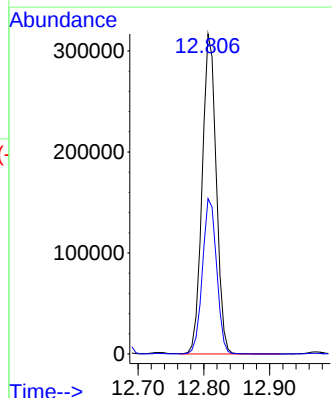
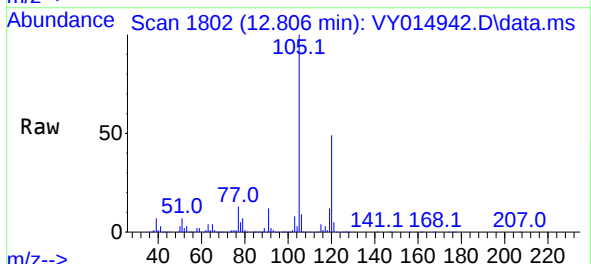
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

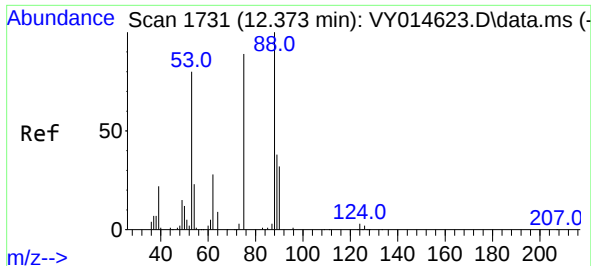
Tgt Ion: 91 Resp: 380149
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 42.873 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 105 Resp: 471324
Ion Ratio Lower Upper
105 100
120 48.9 23.9 71.7

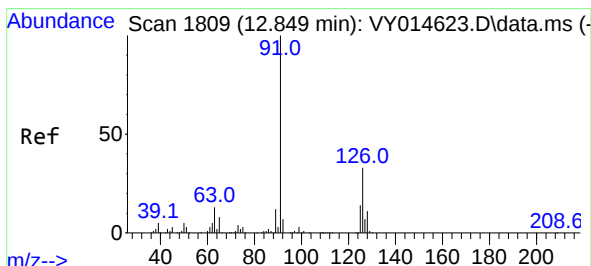
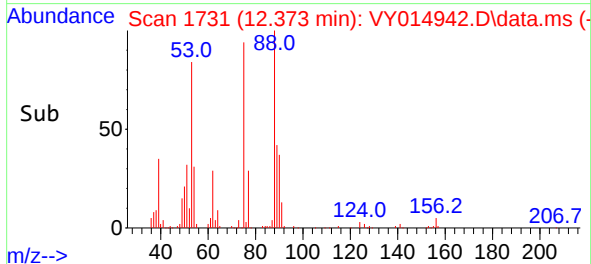
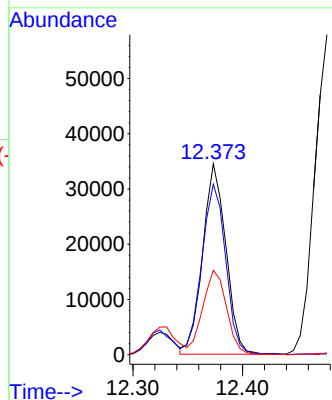
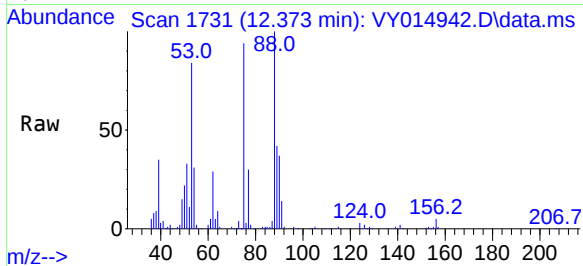




#81
trans-1,4-Dichloro-2-butene
Concen: 46.240 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

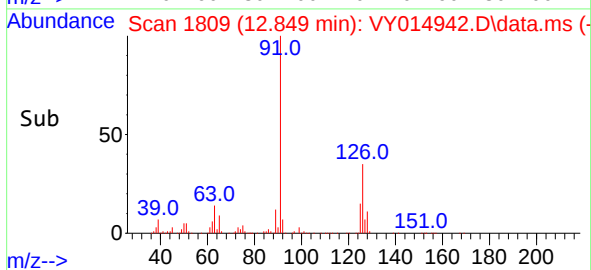
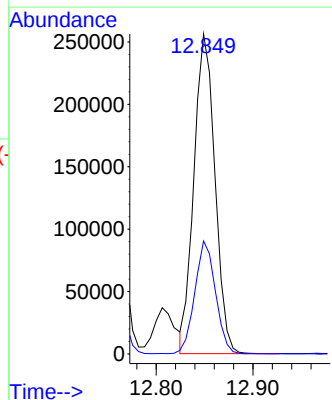
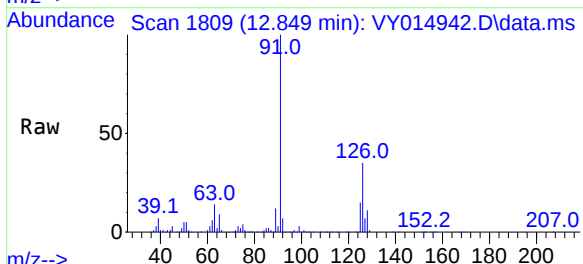
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

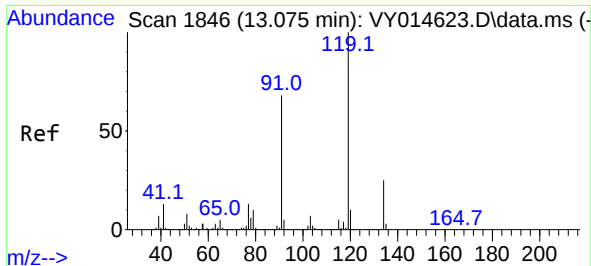
Tgt Ion: 75 Resp: 50708
Ion Ratio Lower Upper
75 100
53 92.9 77.8 116.8
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 41.098 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 91 Resp: 386712
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6

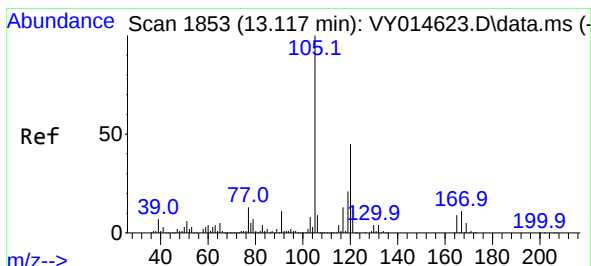
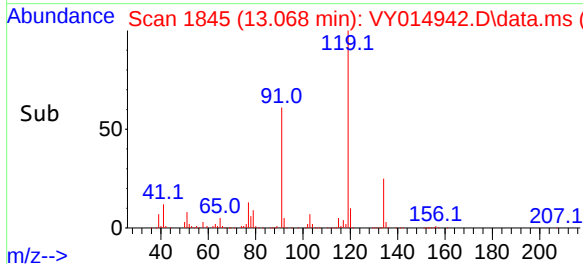
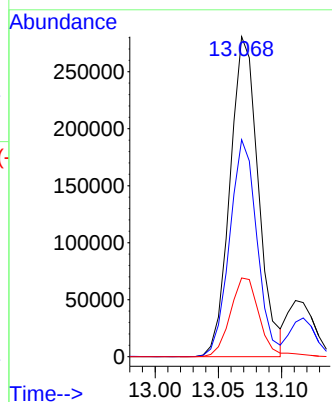
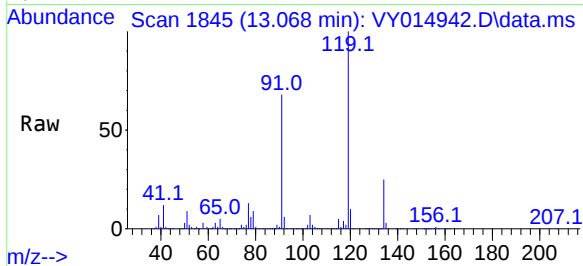




#83
tert-Butylbenzene
Concen: 44.907 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.007 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

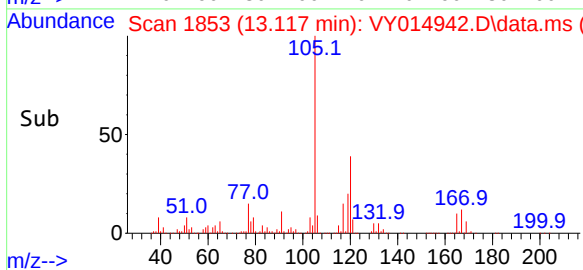
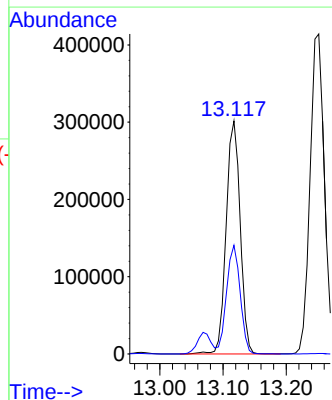
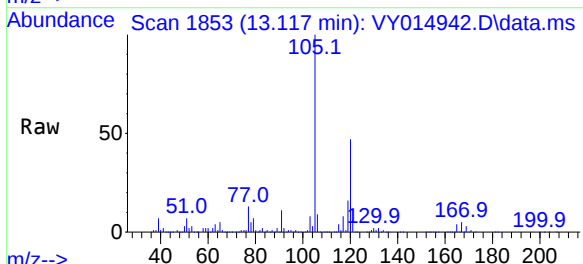
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

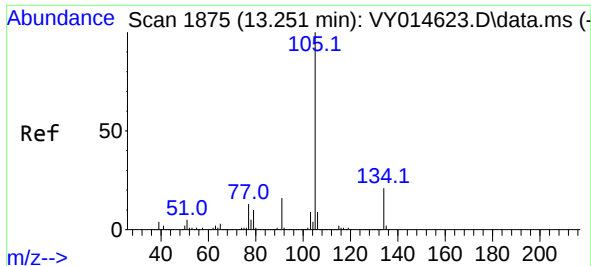
Tgt Ion:119 Resp: 437927
Ion Ratio Lower Upper
119 100
91 65.5 32.9 98.6
134 25.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 42.856 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion:105 Resp: 462367
Ion Ratio Lower Upper
105 100
120 45.5 22.2 66.6

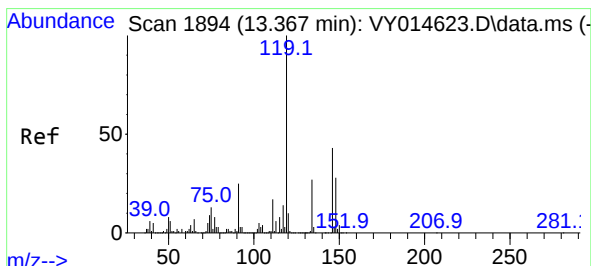
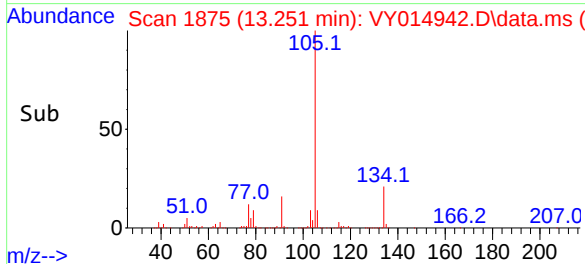
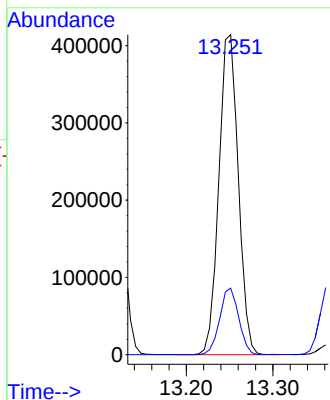
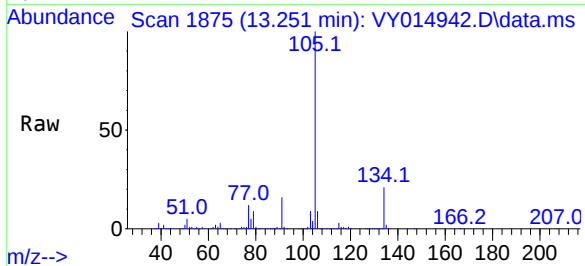




#85
 sec-Butylbenzene
 Concen: 45.046 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY014942.D
 Acq: 02 Aug 2023 19:37

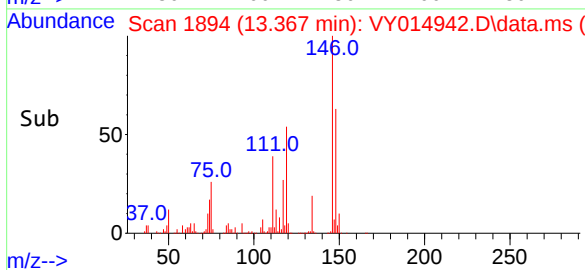
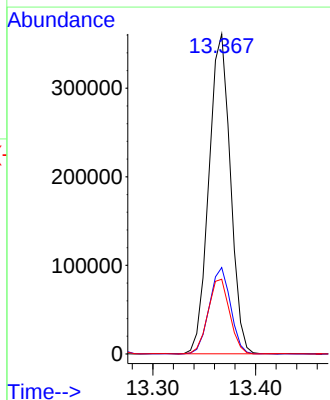
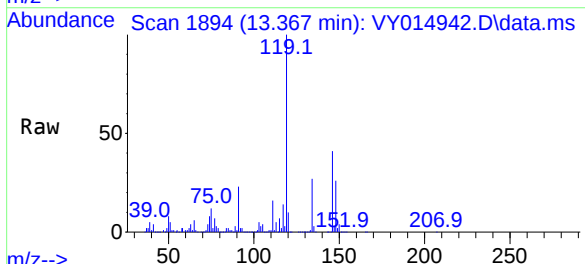
Instrument :
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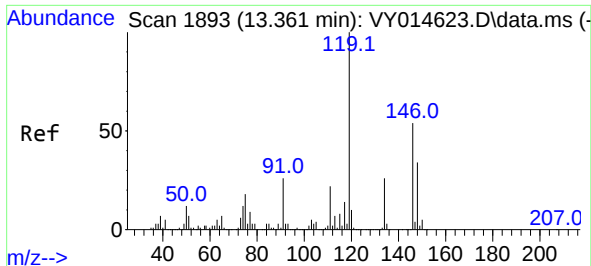
Tgt Ion:105 Resp: 644405
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 44.900 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY014942.D
 Acq: 02 Aug 2023 19:37

Tgt Ion:119 Resp: 524427
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 23.6 12.4 37.4

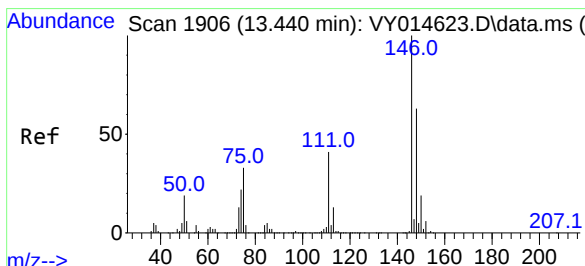
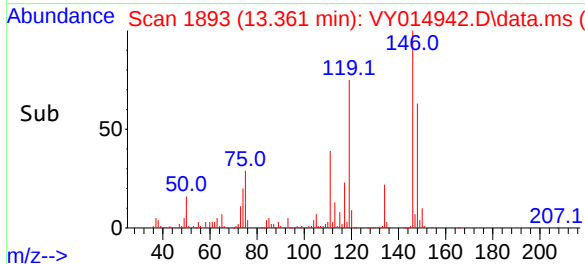
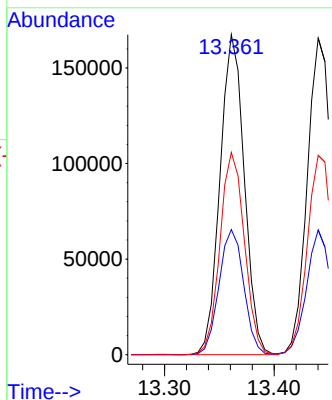
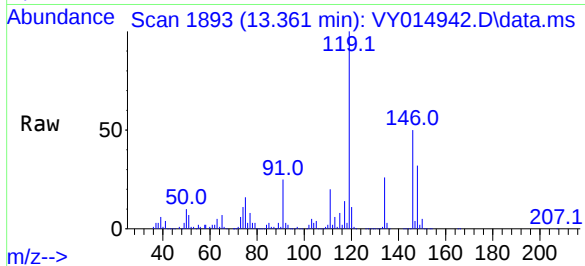




#87
1,3-Dichlorobenzene
Concen: 44.079 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

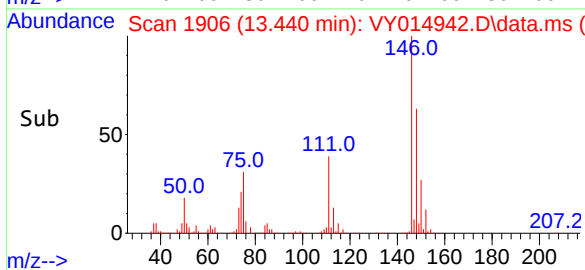
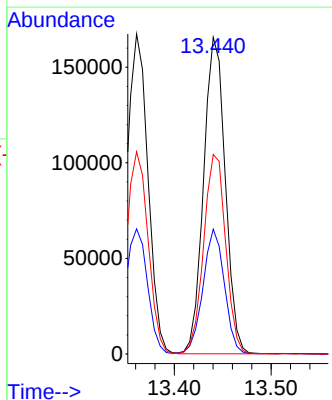
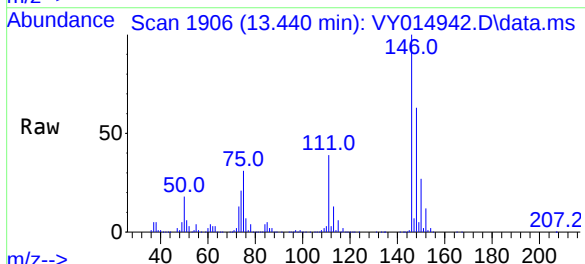
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

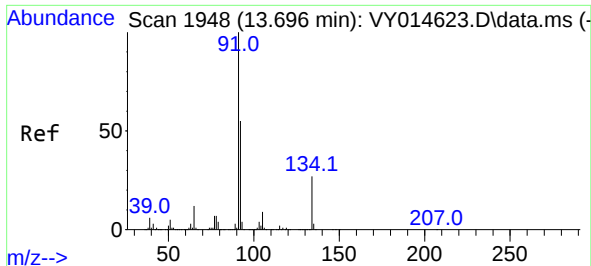
Tgt Ion:146 Resp: 257777
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 44.064 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion:146 Resp: 258225
Ion Ratio Lower Upper
146 100
111 38.9 18.9 56.7
148 64.4 32.1 96.5

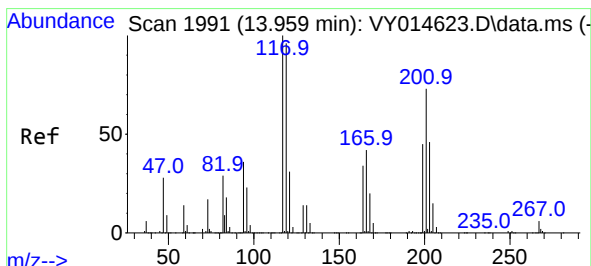
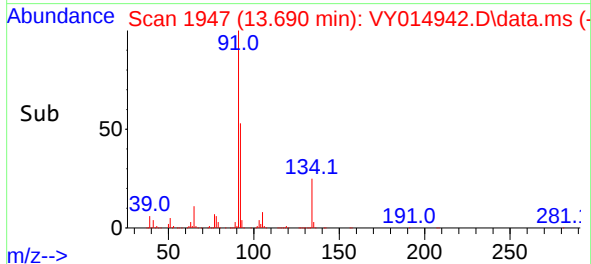
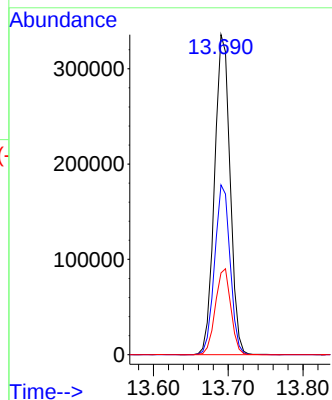
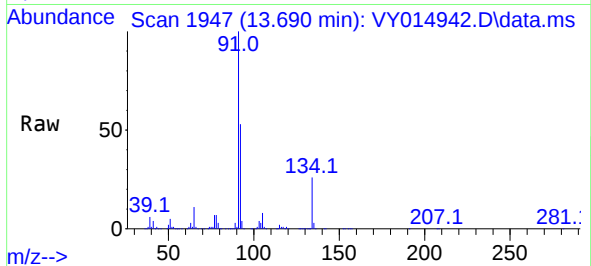




#89
n-Butylbenzene
Concen: 42.634 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

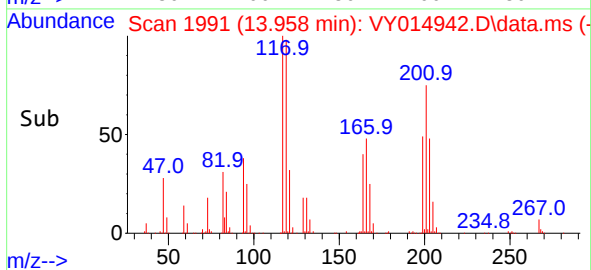
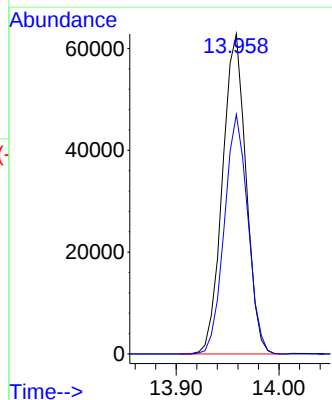
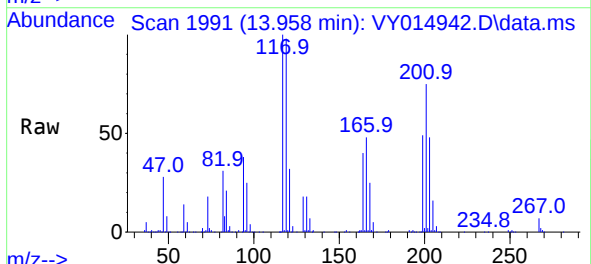
Instrument :
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ClientSampleId :
VIBLK

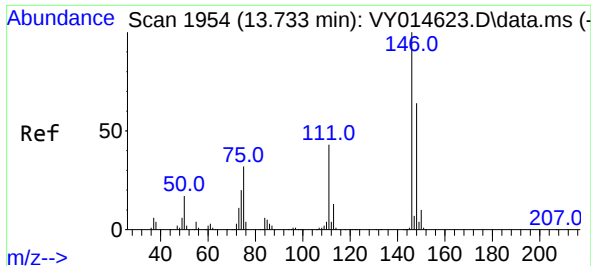
Tgt Ion: 91 Resp: 484472
Ion Ratio Lower Upper
91 100
92 52.8 25.4 76.0
134 26.8 12.6 37.6



#90
Hexachloroethane
Concen: 41.712 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 117 Resp: 100068
Ion Ratio Lower Upper
117 100
201 74.6 41.6 124.8

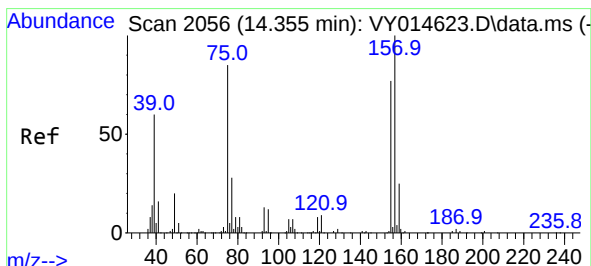
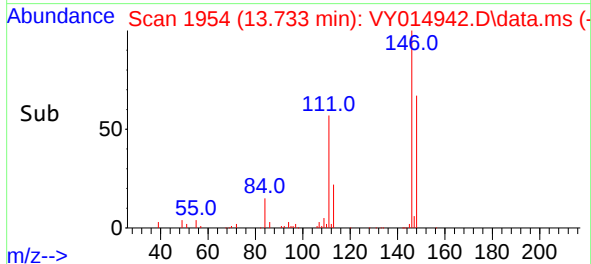
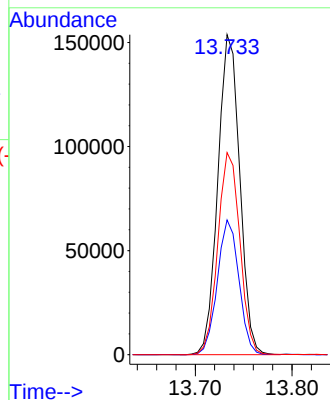
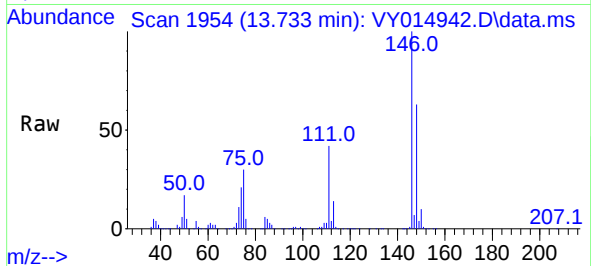




#91
1,2-Dichlorobenzene
Concen: 45.036 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

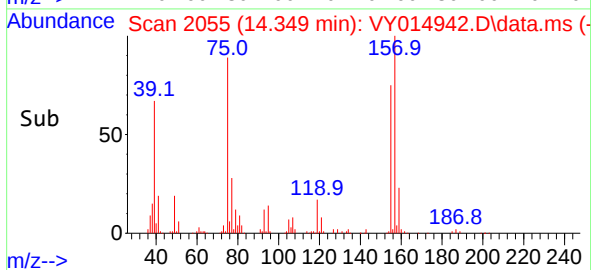
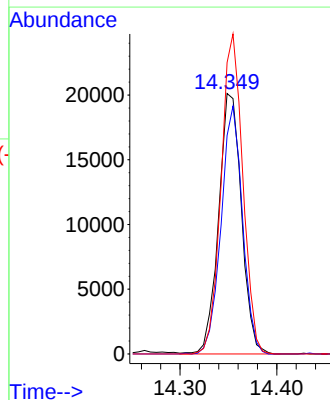
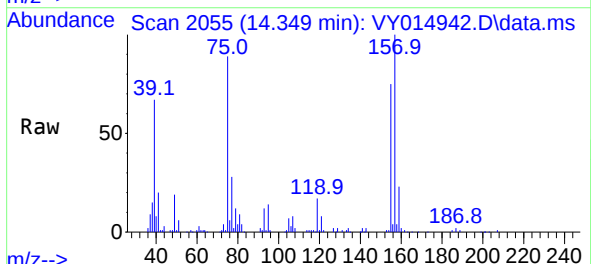
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

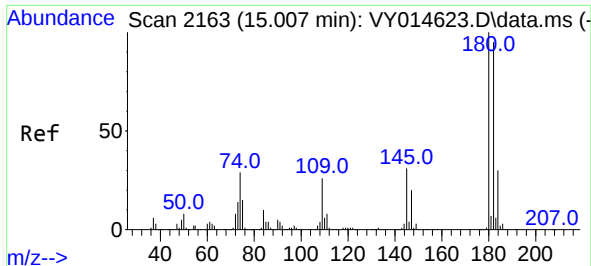
Tgt Ion:146 Resp: 241299
Ion Ratio Lower Upper
146 100
111 41.5 19.7 59.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.244 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion: 75 Resp: 32862
Ion Ratio Lower Upper
75 100
155 89.3 41.5 124.6
157 117.0 51.8 155.5

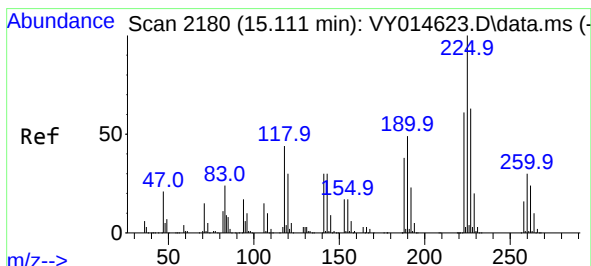
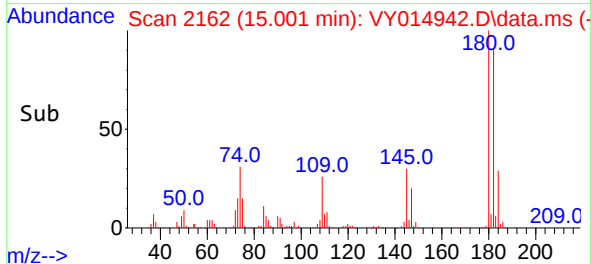
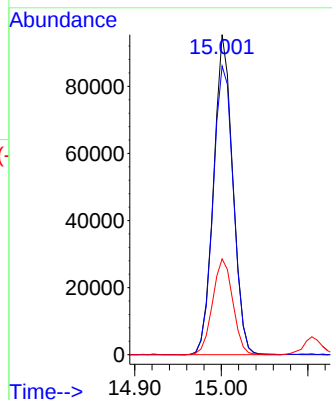
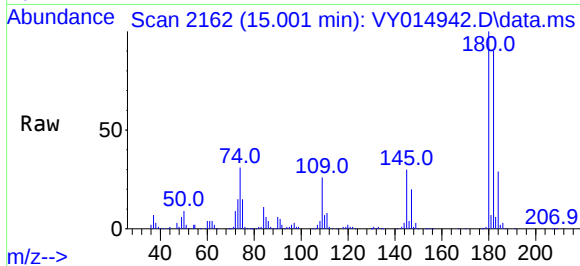




#93
1,2,4-Trichlorobenzene
Concen: 43.146 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

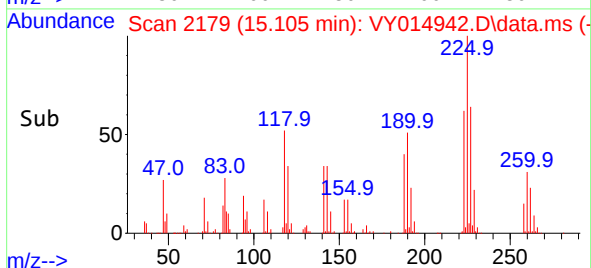
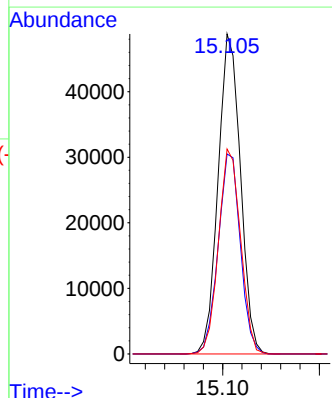
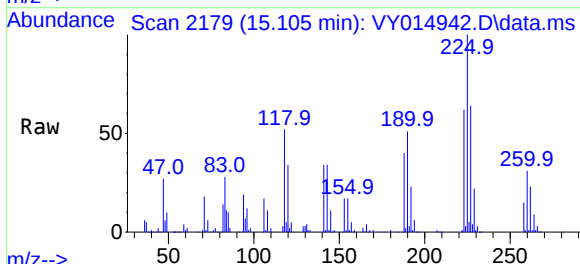
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

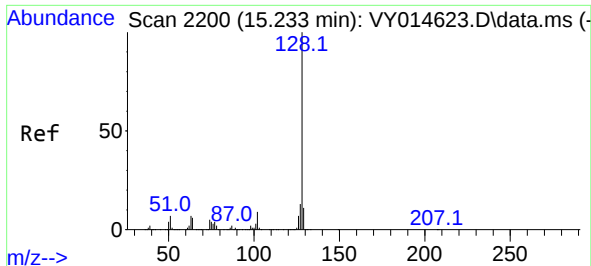
Tgt Ion:180 Resp: 146747
Ion Ratio Lower Upper
180 100
182 95.6 47.0 141.2
145 31.5 14.5 43.5



#94
Hexachlorobutadiene
Concen: 41.788 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. -0.006 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion:225 Resp: 78105
Ion Ratio Lower Upper
225 100
223 62.1 31.9 95.9
227 63.3 33.0 98.9

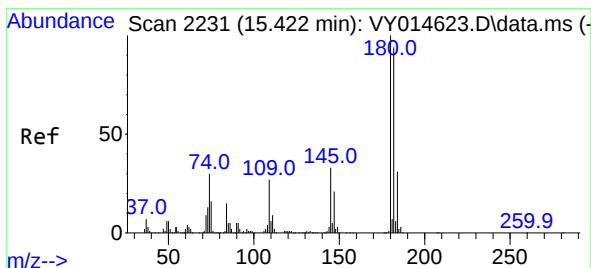
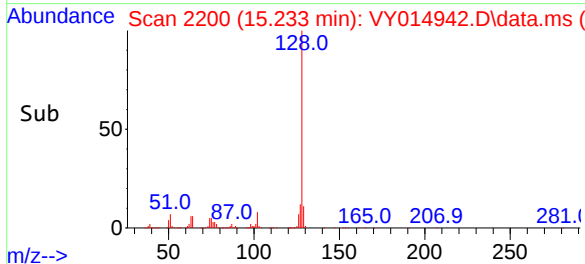
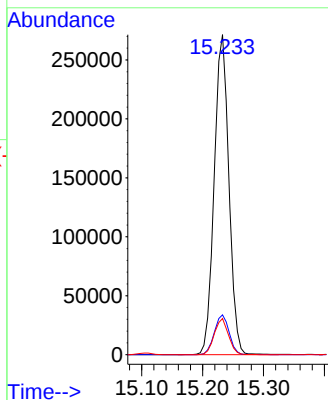
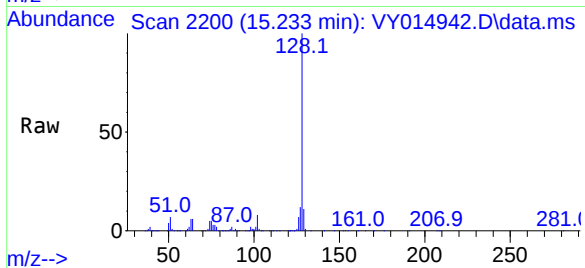




#95
Naphthalene
Concen: 57.280 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:	128	Resp:	453885
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.8	16.2
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 44.936 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY014942.D
Acq: 02 Aug 2023 19:37

Tgt Ion:	180	Resp:	135833
Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.3	141.8
145	33.3	15.4	46.2

