

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100423\
 Data File : VY015840.D
 Acq On : 04 Oct 2023 20:10
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 05 06:59:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	192707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	298902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	155707	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	119424	56.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.640%	
35) Dibromofluoromethane	7.716	113	108339	55.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.680%	
50) Toluene-d8	10.179	98	367262	55.833	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.660%	
62) 4-Bromofluorobenzene	12.477	95	146871	56.896	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.800%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.900	85	58787	46.280	ug/l 97
3) Chloromethane	2.107	50	72430	45.198	ug/l 99
4) Vinyl Chloride	2.241	62	86551	47.237	ug/l 95
5) Bromomethane	2.637	94	55413	34.551	ug/l 99
6) Chloroethane	2.778	64	61155	45.030	ug/l 98
7) Trichlorofluoromethane	3.107	101	157583	51.283	ug/l 98
8) Diethyl Ether	3.521	74	71126	54.278	ug/l 89
9) 1,1,2-Trichlorotrifluo...	3.887	101	100239	52.100	ug/l 95
10) Methyl Iodide	4.082	142	87870	39.448	ug/l 98
11) Tert butyl alcohol	4.985	59	171060	385.758	ug/l # 81
12) 1,1-Dichloroethene	3.857	96	84597	49.899	ug/l 93
13) Acrolein	3.723	56	82488	254.026	ug/l 99
14) Allyl chloride	4.466	41	159614	51.493	ug/l 93
15) Acrylonitrile	5.161	53	323775	336.814	ug/l 98
16) Acetone	3.954	43	277800	244.823	ug/l 94
17) Carbon Disulfide	4.180	76	138816	42.148	ug/l 98
18) Methyl Acetate	4.472	43	267758	70.330	ug/l 94
19) Methyl tert-butyl Ether	5.216	73	408917	59.221	ug/l 98
20) Methylene Chloride	4.704	84	137436	55.875	ug/l 91
21) trans-1,2-Dichloroethene	5.210	96	98870	51.021	ug/l 96
22) Diisopropyl ether	6.118	45	403035	54.027	ug/l # 91
23) Vinyl Acetate	6.058	43	1293811	280.990	ug/l # 95
24) 1,1-Dichloroethane	6.009	63	212011	52.141	ug/l 98
25) 2-Butanone	6.984	43	486991	303.637	ug/l 96
26) 2,2-Dichloropropane	6.972	77	168954	45.462	ug/l 98
27) cis-1,2-Dichloroethene	6.978	96	136152	52.924	ug/l 94
28) Bromochloromethane	7.326	49	69445	62.951	ug/l 97
29) Tetrahydrofuran	7.350	42	319015	351.913	ug/l 92
30) Chloroform	7.502	83	233774	53.687	ug/l 96
31) Cyclohexane	7.783	56	136796	46.573	ug/l 93
32) 1,1,1-Trichloroethane	7.697	97	190376	52.961	ug/l 98
36) 1,1-Dichloropropene	7.911	75	145028	50.559	ug/l 100
37) Ethyl Acetate	7.070	43	188169	65.766	ug/l # 96
38) Carbon Tetrachloride	7.893	117	163934	52.650	ug/l 99
39) Methylcyclohexane	9.179	83	159595	50.303	ug/l 95
40) Benzene	8.155	78	451806	51.649	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	80648	52.349	ug/l	93
42) 1,2-Dichloroethane	8.234	62	167568	55.933	ug/l	94
43) Isopropyl Acetate	8.271	43	310139	63.456	ug/l	98
44) Trichloroethene	8.935	130	132220	54.118	ug/l	98
45) 1,2-Dichloropropane	9.215	63	131998	54.110	ug/l	97
46) Dibromomethane	9.301	93	88786	56.898	ug/l	96
47) Bromodichloromethane	9.496	83	195257	56.138	ug/l	98
48) Methyl methacrylate	9.289	41	137036	63.878	ug/l	90
49) 1,4-Dioxane	9.313	88	49143	1594.123	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	1025640	338.572	ug/l	92
52) Toluene	10.240	92	297359	52.728	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	208282	55.842	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	216010	53.802	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	132693	58.026	ug/l	98
56) Ethyl methacrylate	10.508	69	212925	63.183	ug/l	87
57) 1,3-Dichloropropane	10.788	76	220316	57.451	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	270432	252.633	ug/l	95
59) 2-Hexanone	10.831	43	786940	338.597	ug/l	89
60) Dibromochloromethane	10.983	129	156917	58.783	ug/l	99
61) 1,2-Dibromoethane	11.087	107	131895	58.957	ug/l	99
64) Tetrachloroethene	10.721	164	148554	57.927	ug/l	97
65) Chlorobenzene	11.514	112	348637	53.435	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	142068	56.057	ug/l	98
67) Ethyl Benzene	11.593	91	601800	52.772	ug/l	99
68) m/p-Xylenes	11.703	106	459225	105.947	ug/l	95
69) o-Xylene	12.026	106	228834	53.840	ug/l	99
70) Styrene	12.044	104	408072	56.090	ug/l	96
71) Bromoform	12.209	173	117051	63.735	ug/l #	98
73) Isopropylbenzene	12.331	105	608751	52.116	ug/l	100
74) N-amyl acetate	12.142	43	268252	61.103	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	193144	59.413	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	259171	104.334	ug/l #	100
77) Bromobenzene	12.605	156	151537	52.851	ug/l	90
78) n-propylbenzene	12.672	91	737872	51.998	ug/l	100
79) 2-Chlorotoluene	12.758	91	425872	52.650	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	516103	52.778	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	66384	60.180	ug/l	94
82) 4-Chlorotoluene	12.855	91	444416	52.630	ug/l	100
83) tert-Butylbenzene	13.075	119	461055	53.833	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	521787	53.329	ug/l	98
85) sec-Butylbenzene	13.251	105	684161	53.379	ug/l	100
86) p-Isopropyltoluene	13.367	119	571921	53.419	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	302672	53.210	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	307036	53.970	ug/l	99
89) n-Butylbenzene	13.696	91	538977	53.163	ug/l	96
90) Hexachloroethane	13.959	117	110604	53.527	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	292414	55.688	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	43944	68.062	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	188624	57.061	ug/l	99
94) Hexachlorobutadiene	15.111	225	93632	55.310	ug/l	98
95) Naphthalene	15.233	128	570575	66.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	178403	58.472	ug/l	99

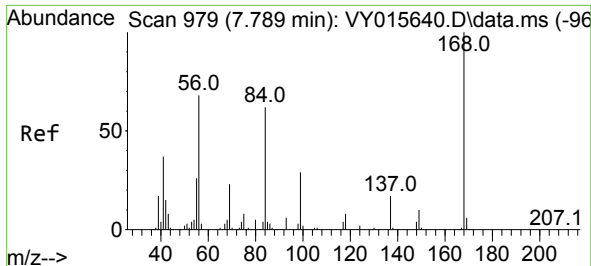
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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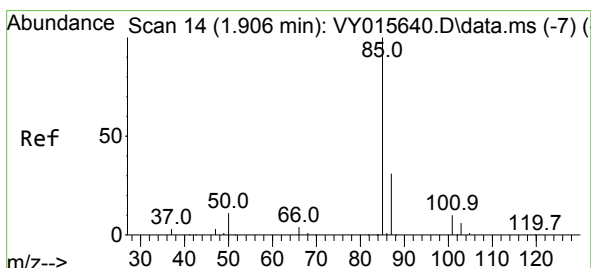
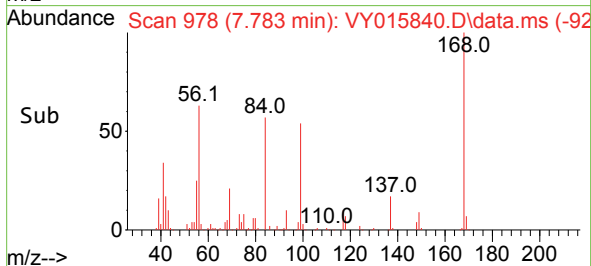
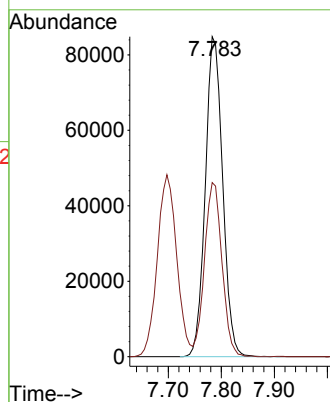
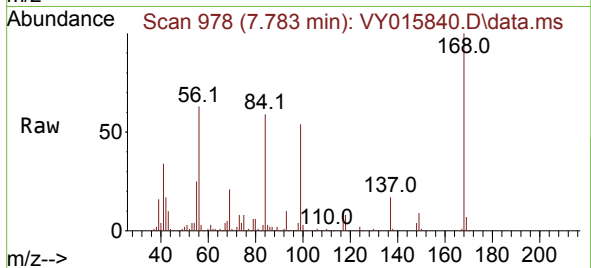
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

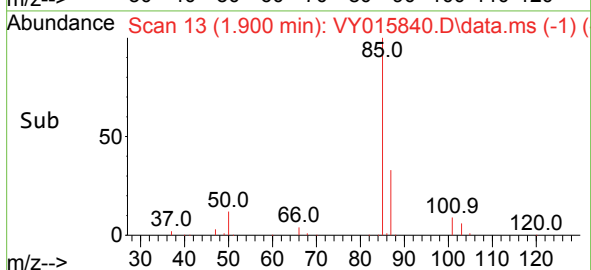
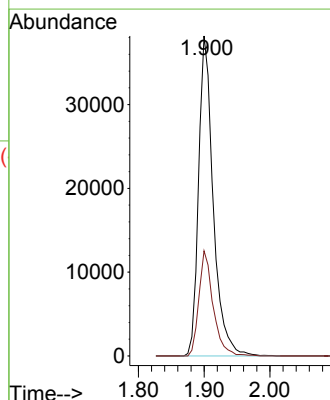
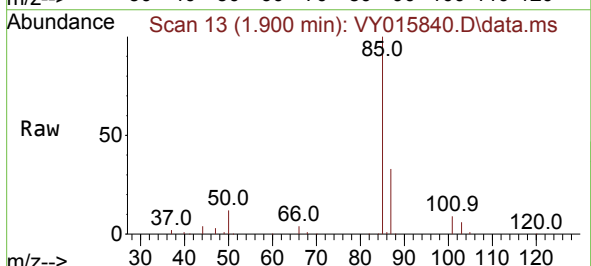
Instrument :
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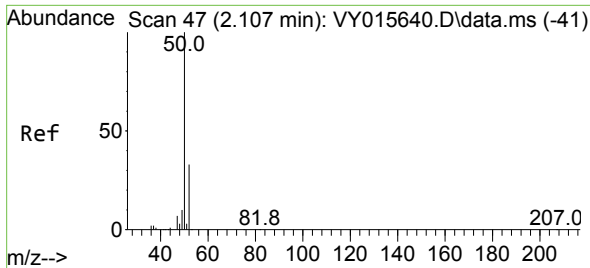
Tgt Ion:168 Resp: 192707
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.280 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 85 Resp: 58787
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8

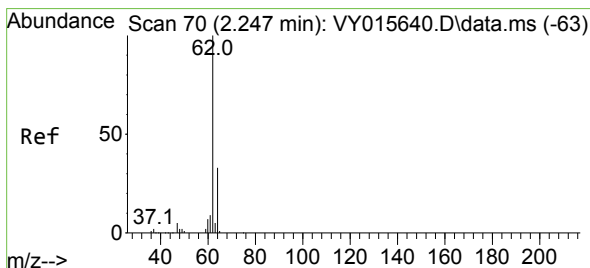
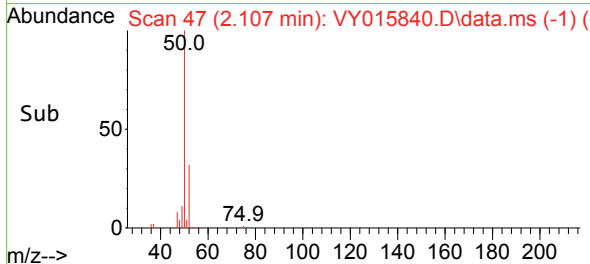
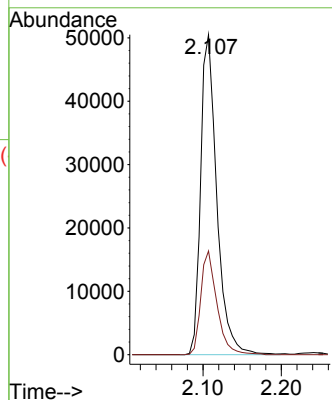
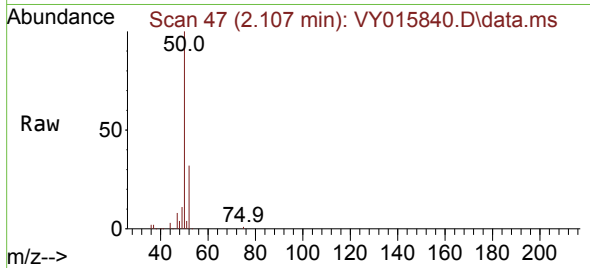




#3
Chloromethane
Concen: 45.198 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

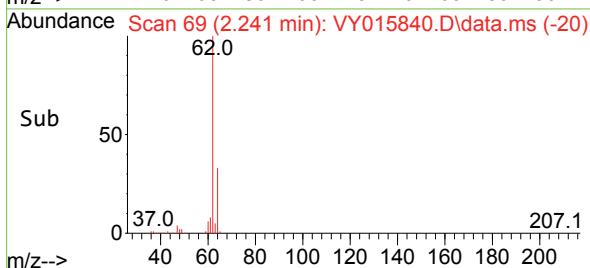
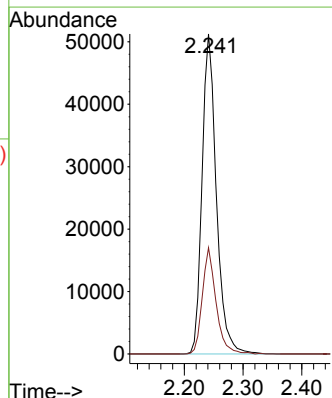
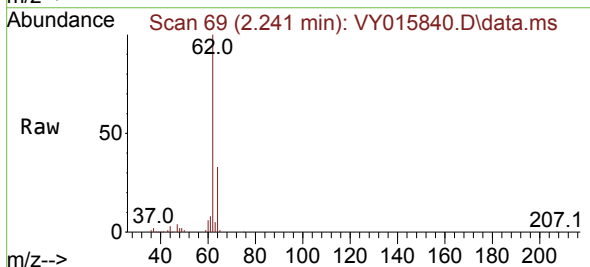
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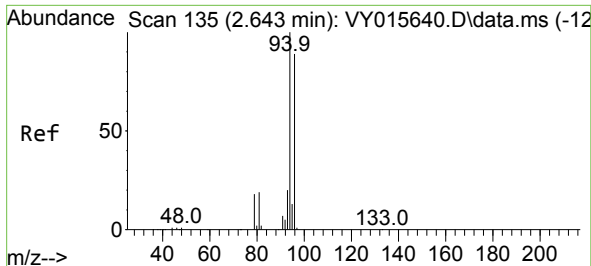
Tgt Ion: 50 Resp: 72430
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 47.237 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 62 Resp: 86551
Ion Ratio Lower Upper
62 100
64 33.2 24.3 36.5

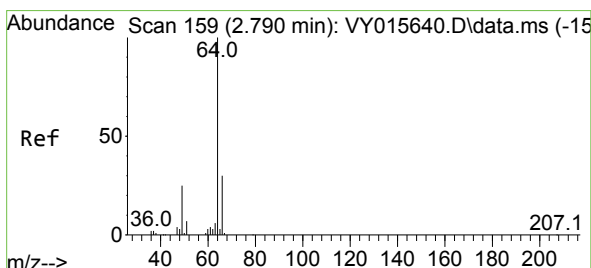
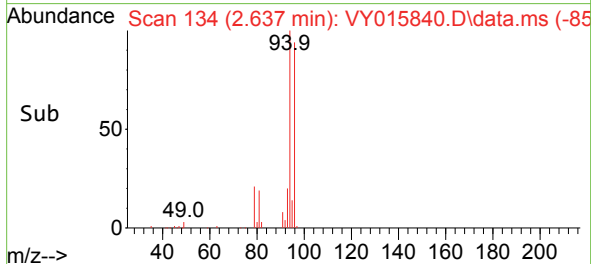
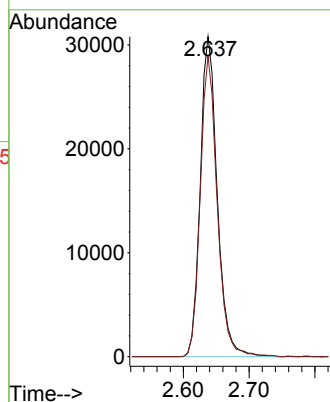
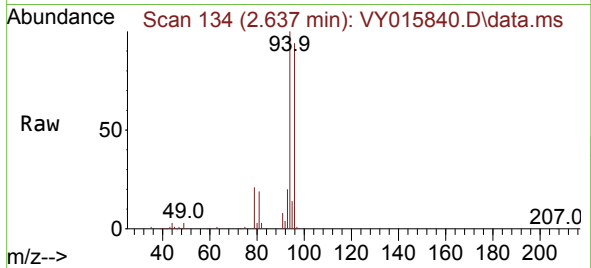




#5
Bromomethane
Concen: 34.551 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

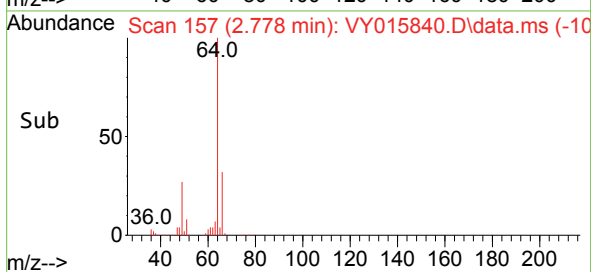
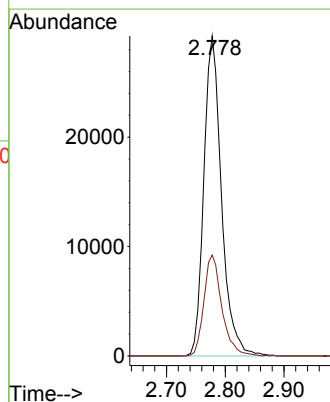
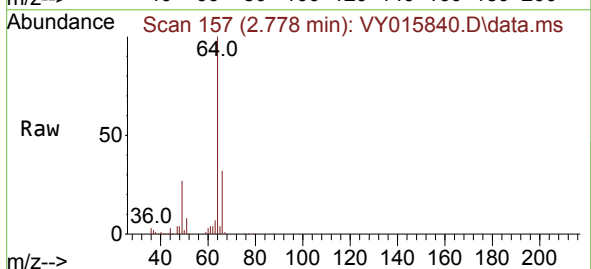
Instrument :
MSVOA_Y
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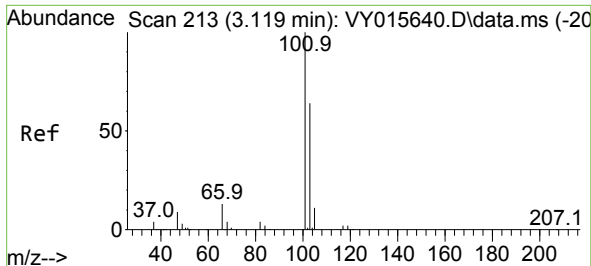
Tgt Ion: 94 Resp: 55413
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.6



#6
Chloroethane
Concen: 45.030 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 64 Resp: 61155
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6

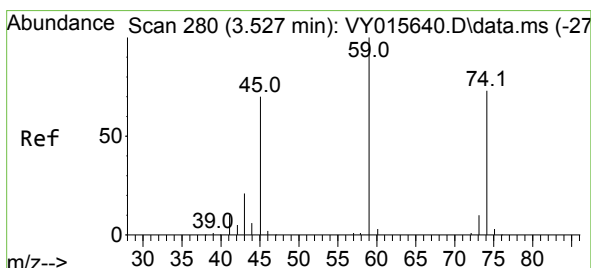
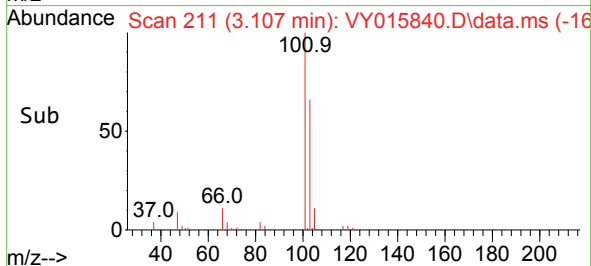
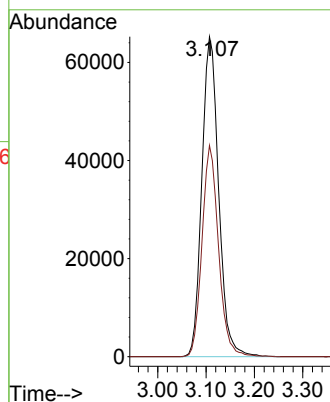
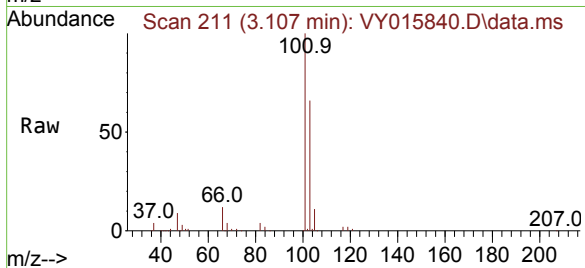




#7
 Trichlorofluoromethane
 Concen: 51.283 ug/l
 RT: 3.107 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY015840.D
 Acq: 04 Oct 2023 20:10

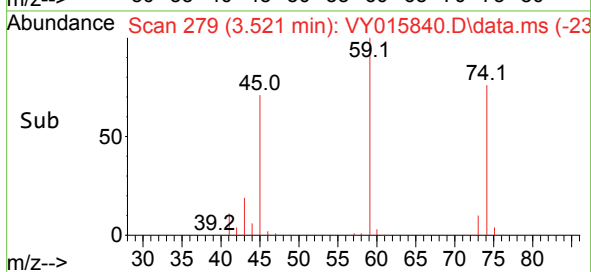
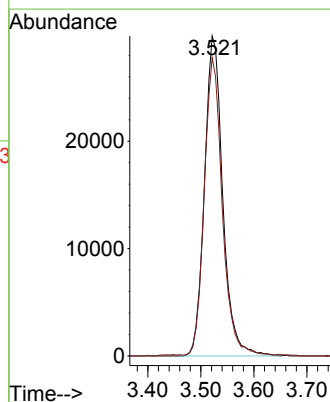
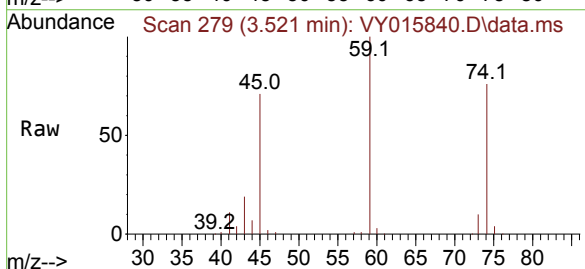
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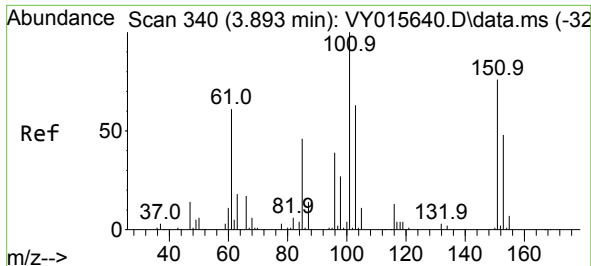
Tgt Ion:101 Resp: 157583
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 54.278 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VY015840.D
 Acq: 04 Oct 2023 20:10

Tgt Ion: 74 Resp: 71126
 Ion Ratio Lower Upper
 74 100
 45 91.9 51.5 154.5

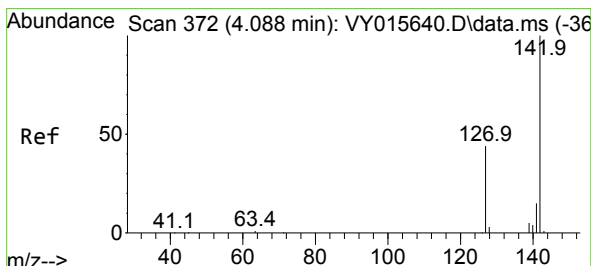
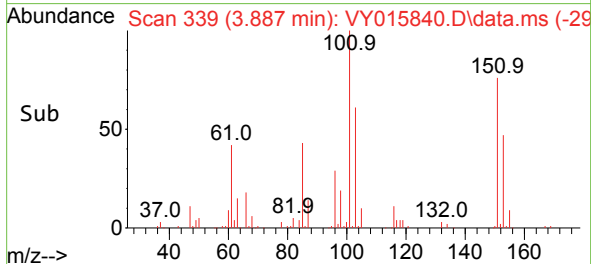
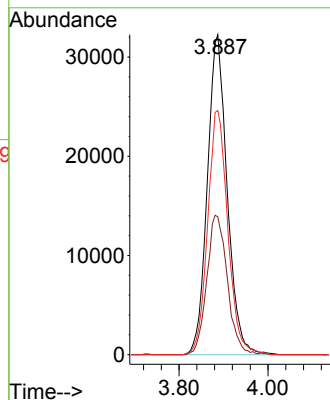
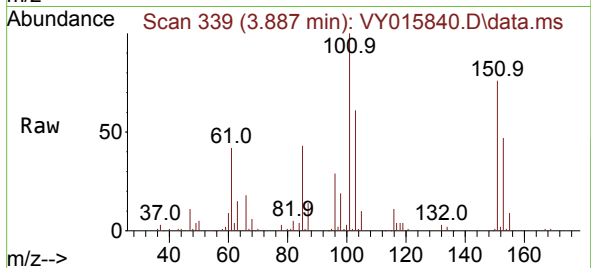




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.100 ug/l
 RT: 3.887 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VY015840.D
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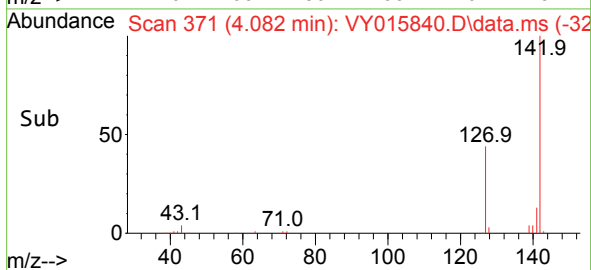
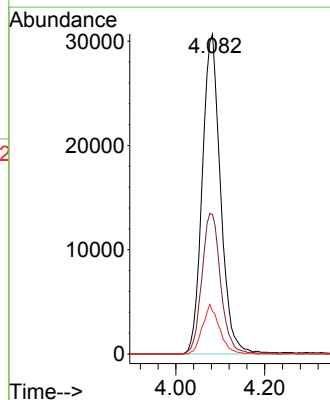
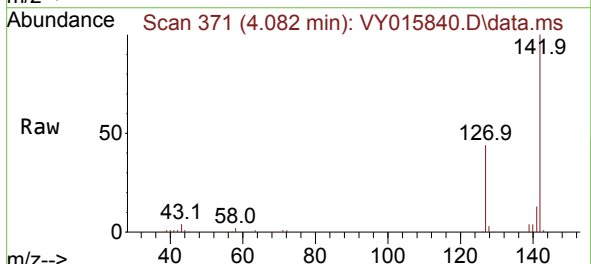
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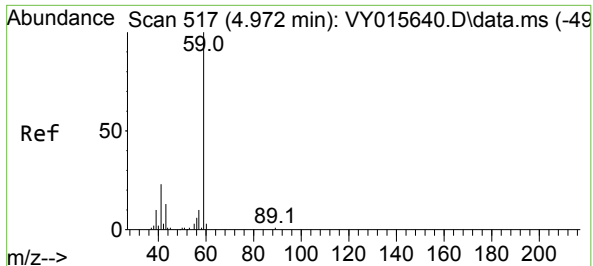
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 Ion Ratio Lower Upper
 101 100
 85 45.0 36.6 55.0
 151 77.4 67.0 100.6



#10
 Methyl Iodide
 Concen: 39.448 ug/l
 RT: 4.082 min Scan# 371
 Delta R.T. 0.000 min
 Lab File: VY015840.D
 Acq: 04 Oct 2023 20:10

Tgt Ion:142 Resp: 87870
 Ion Ratio Lower Upper
 142 100
 127 45.2 37.6 56.4
 141 14.4 11.8 17.8

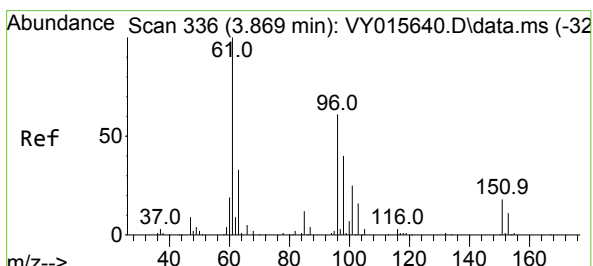
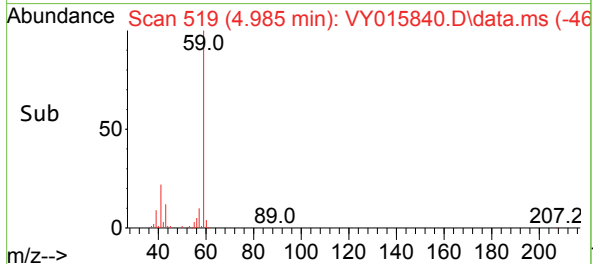
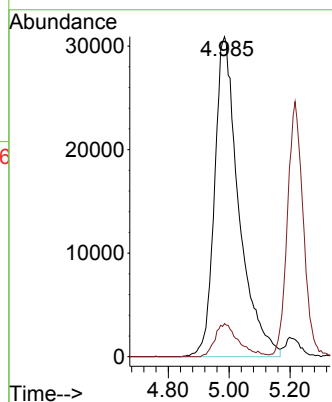
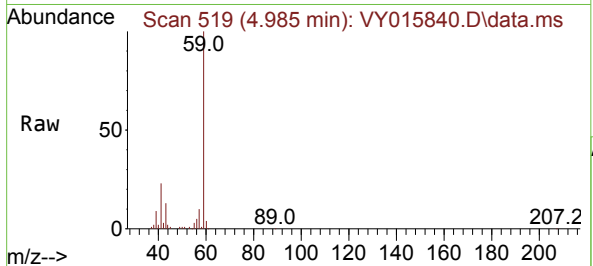




#11
Tert butyl alcohol
Concen: 385.758 ug/l
RT: 4.985 min Scan# 51
Delta R.T. 0.031 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

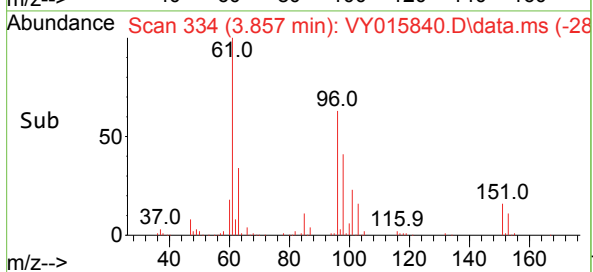
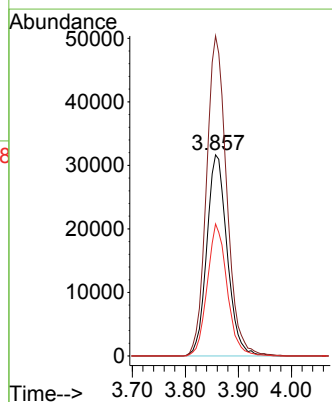
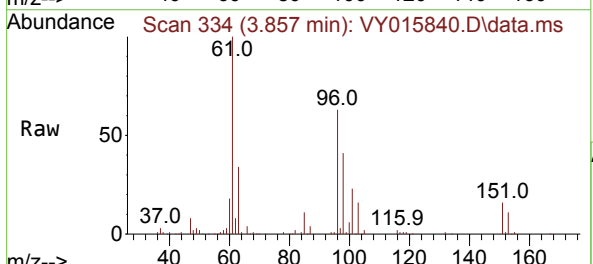
Instrument :
MSVOA_Y
ClientSampleId :

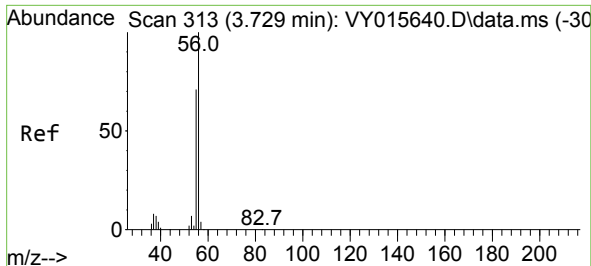
Tgt Ion: 59 Resp: 171060
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.899 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 96 Resp: 84597
Ion Ratio Lower Upper
96 100
61 159.1 136.4 204.6
98 65.6 49.4 74.2





#13

Acrolein

Concen: 254.026 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

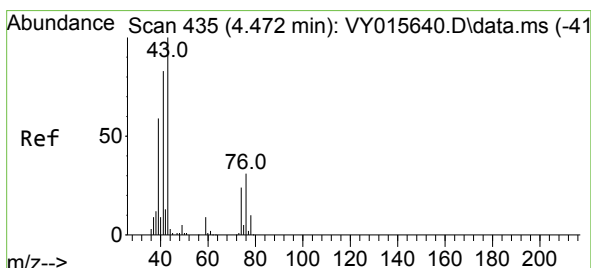
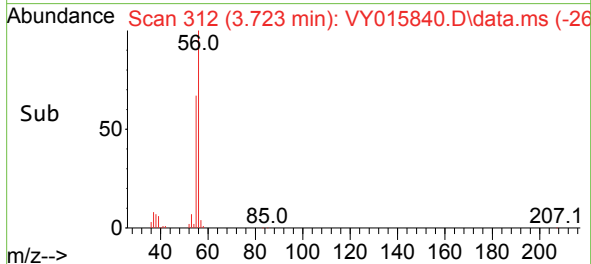
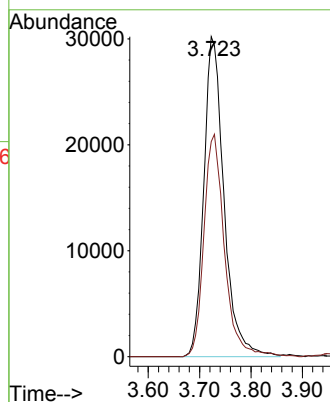
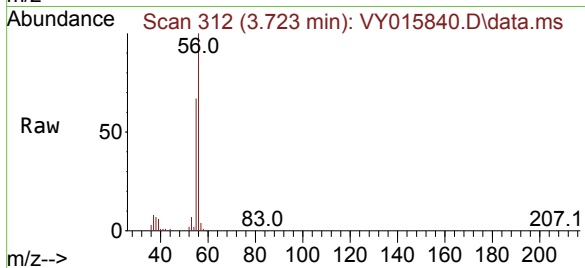
ClientSampleId :

Tgt Ion: 56 Resp: 82488

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.4



#14

Allyl chloride

Concen: 51.493 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

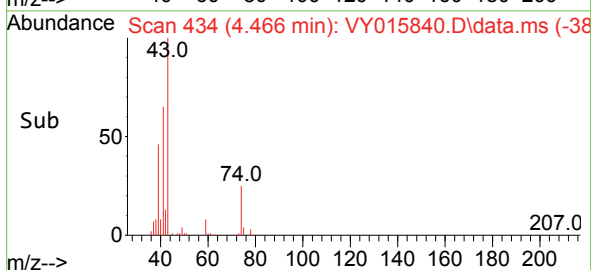
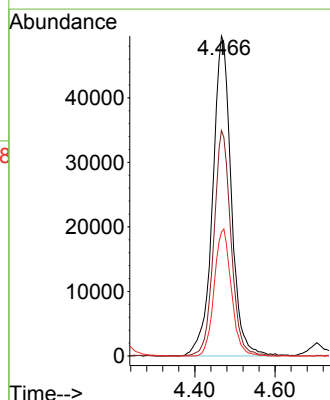
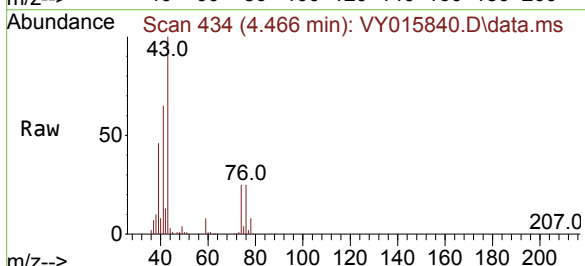
Tgt Ion: 41 Resp: 159614

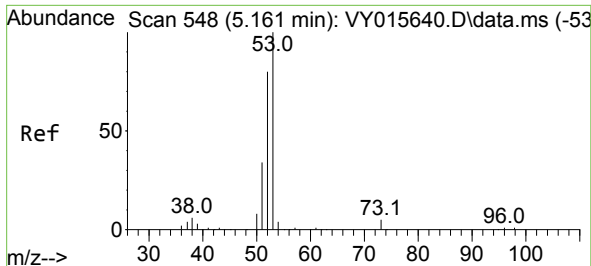
Ion Ratio Lower Upper

41 100

39 65.3 58.0 87.0

76 36.4 27.4 41.2





#15

Acrylonitrile

Concen: 336.814 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

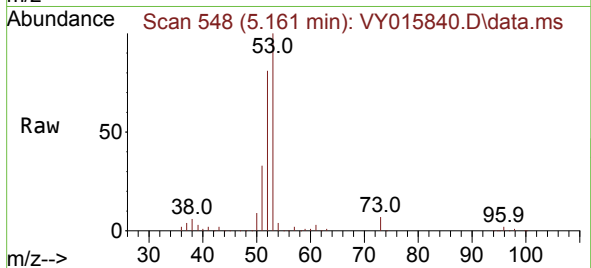
Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :



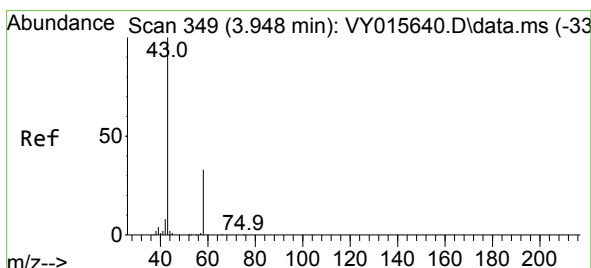
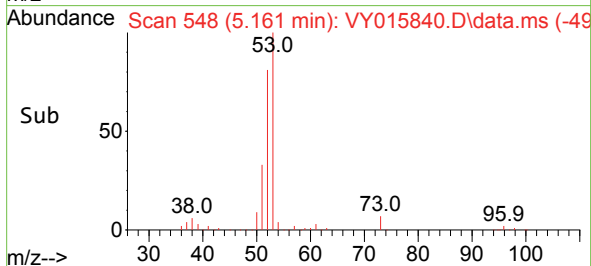
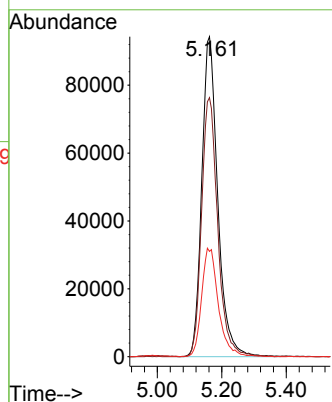
Tgt Ion: 53 Resp: 323775

Ion Ratio Lower Upper

53 100

52 82.0 66.9 100.3

51 35.7 29.8 44.6



#16

Acetone

Concen: 244.823 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY015840.D

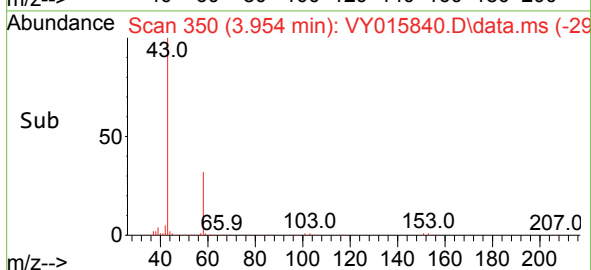
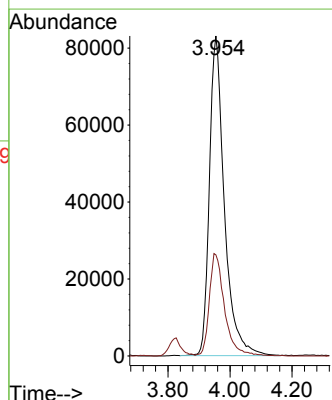
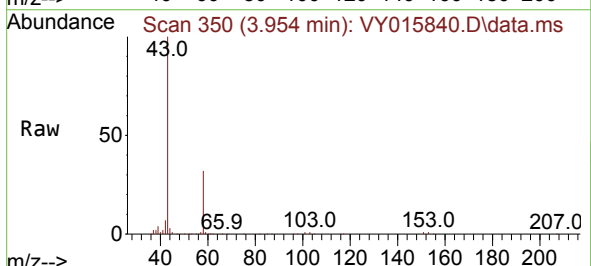
Acq: 04 Oct 2023 20:10

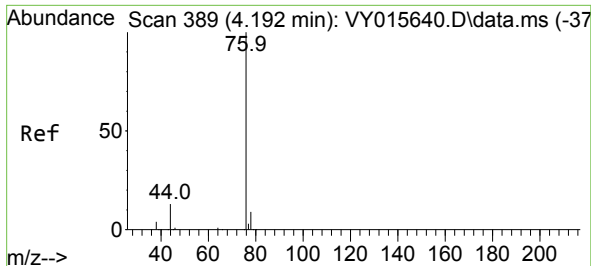
Tgt Ion: 43 Resp: 277800

Ion Ratio Lower Upper

43 100

58 31.5 22.7 34.1





#17

Carbon Disulfide

Concen: 42.148 ug/l

RT: 4.180 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

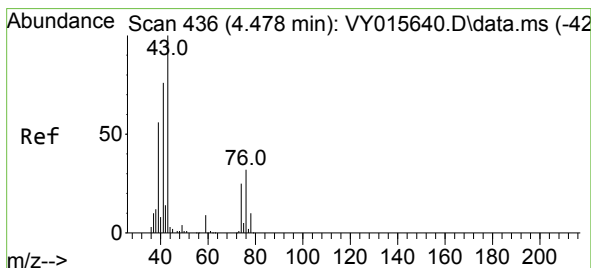
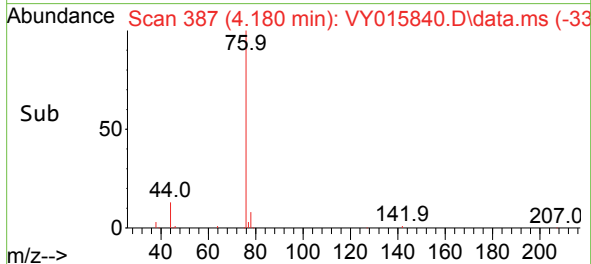
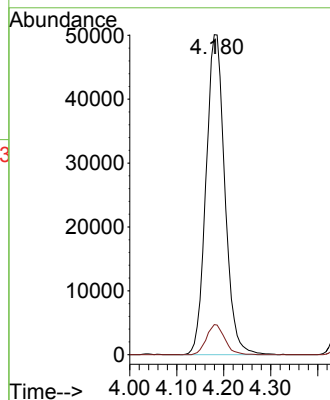
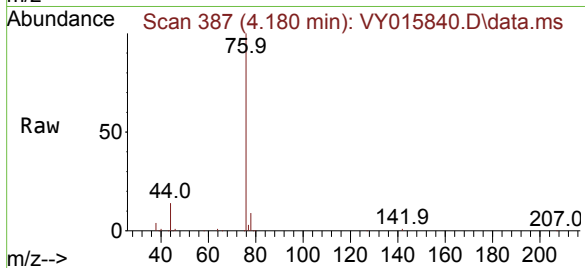
ClientSampleId :

Tgt Ion: 76 Resp: 138816

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4



#18

Methyl Acetate

Concen: 70.330 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015840.D

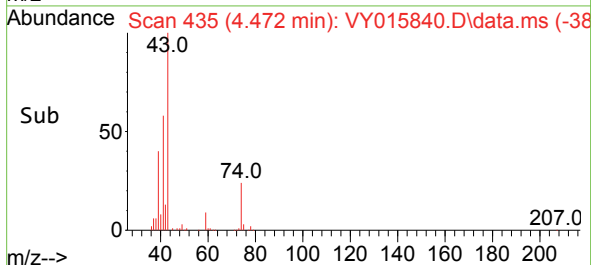
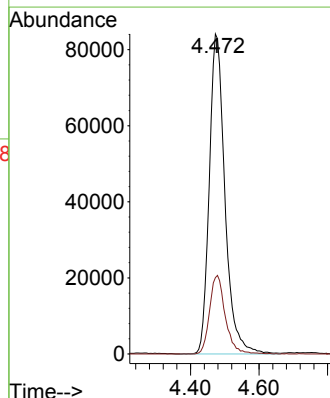
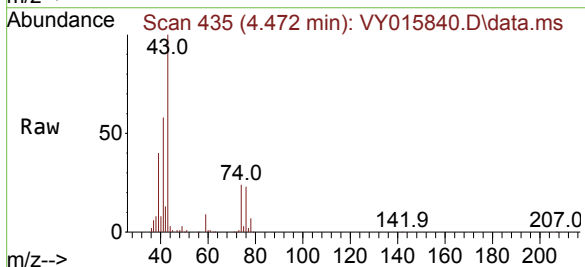
Acq: 04 Oct 2023 20:10

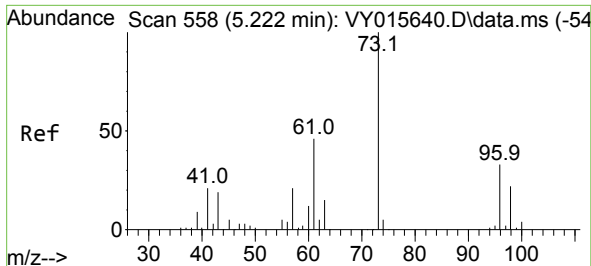
Tgt Ion: 43 Resp: 267758

Ion Ratio Lower Upper

43 100

74 24.6 17.4 26.0

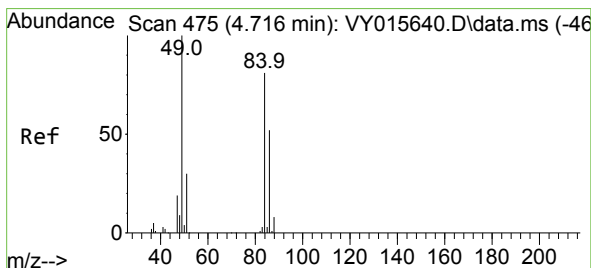
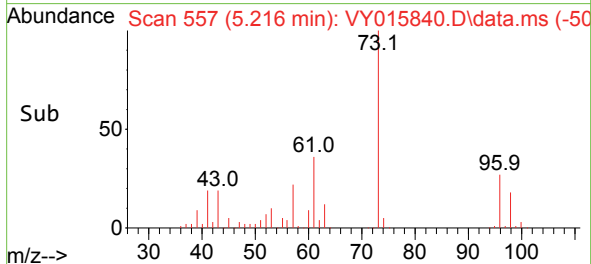
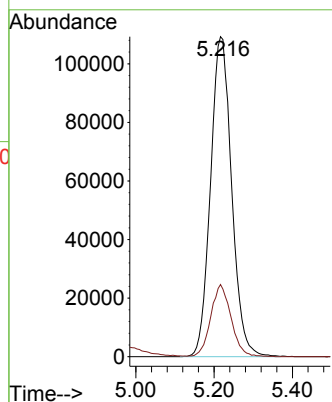
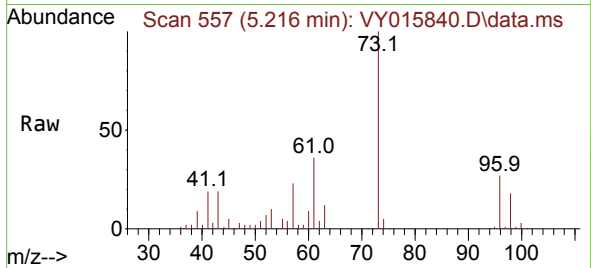




#19
Methyl tert-butyl Ether
Concen: 59.221 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

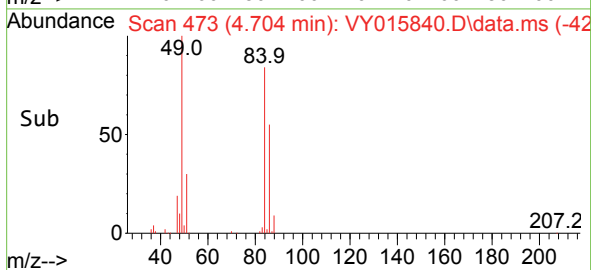
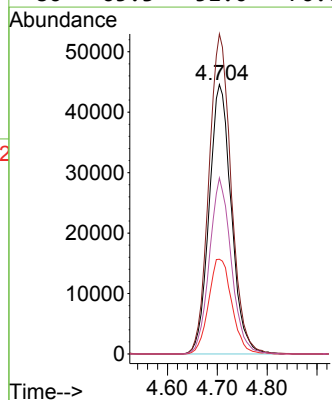
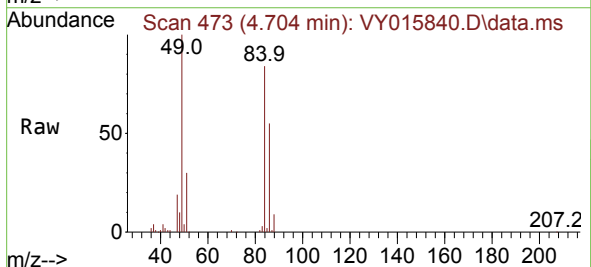
Instrument :
MSVOA_Y
ClientSampleId :

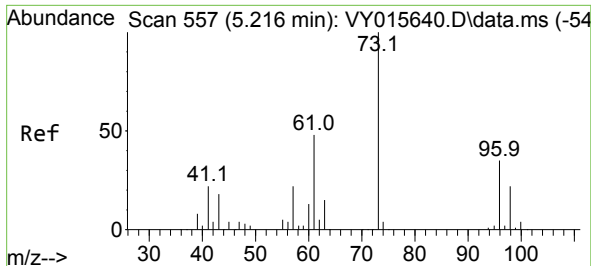
Tgt Ion: 73 Resp: 408917
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9



#20
Methylene Chloride
Concen: 55.875 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 84 Resp: 137436
Ion Ratio Lower Upper
84 100
49 118.8 106.9 160.3
51 35.2 33.2 49.8
86 65.3 51.0 76.6

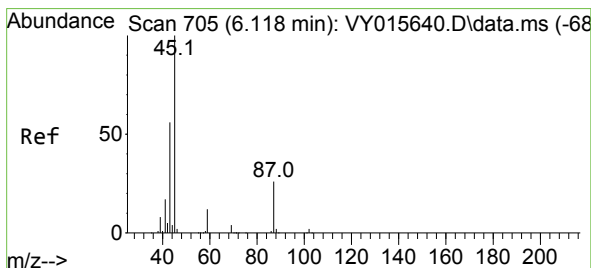
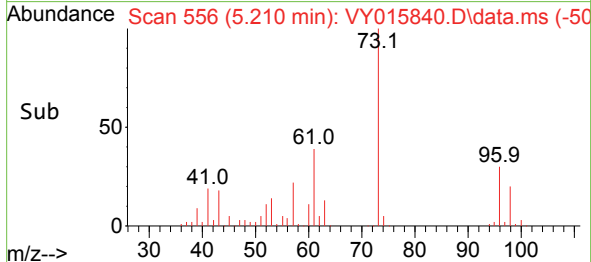
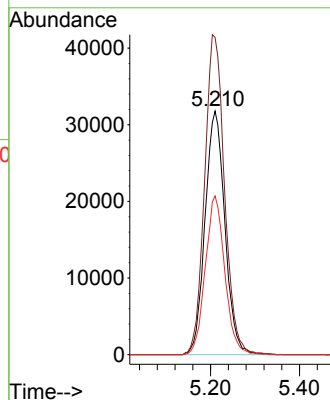
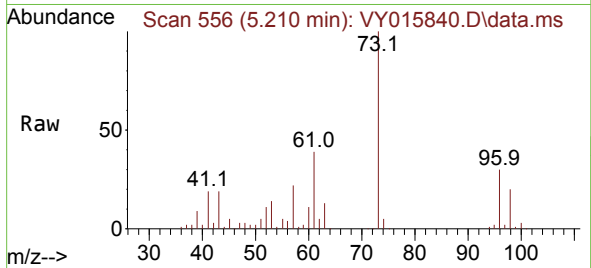




#21
trans-1,2-Dichloroethene
Concen: 51.021 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

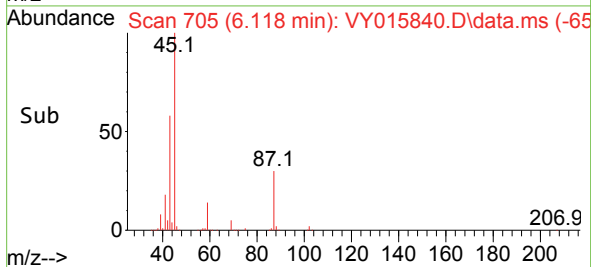
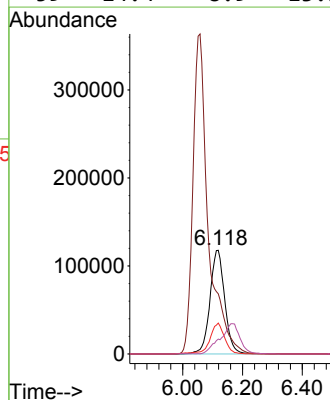
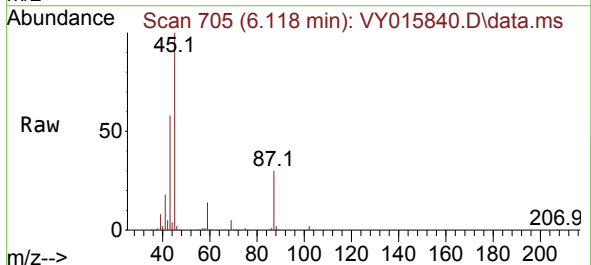
Instrument :
MSVOA_Y
ClientSampleId :

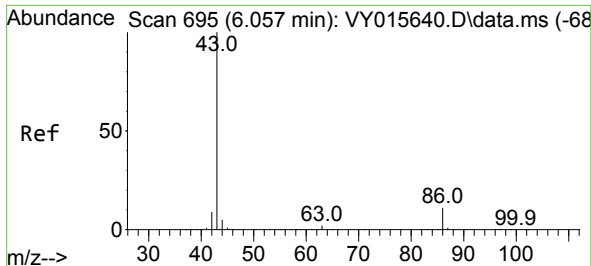
Tgt Ion: 96 Resp: 98870
Ion Ratio Lower Upper
96 100
61 130.2 110.2 165.4
98 65.1 51.8 77.6



#22
Diisopropyl ether
Concen: 54.027 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 45 Resp: 403035
Ion Ratio Lower Upper
45 100
43 57.8 52.2 78.4
87 29.8 21.0 31.6
59 14.4 8.9 13.3#

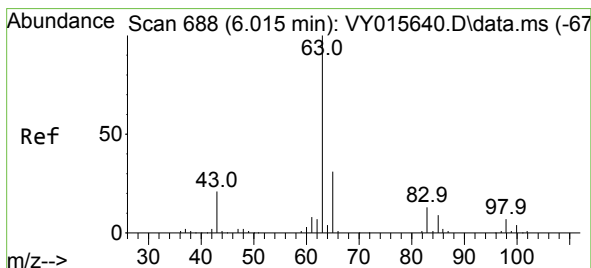
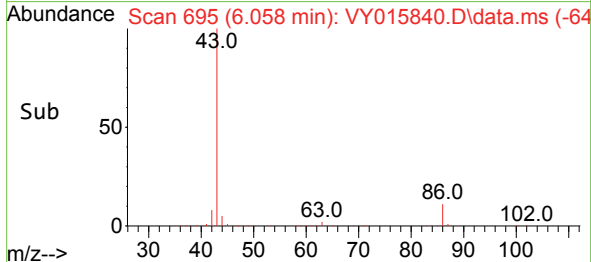
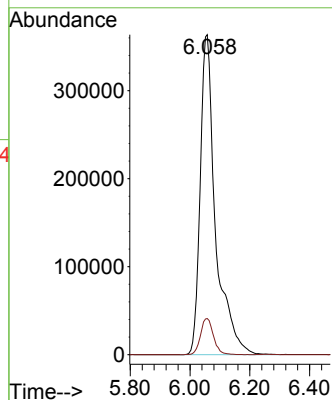
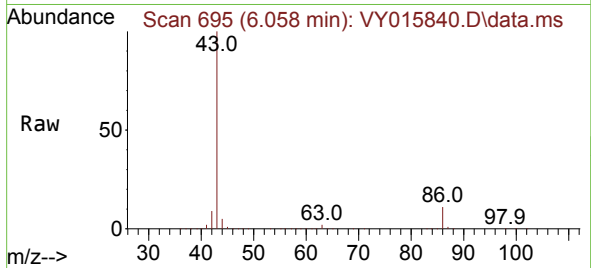




#23
 Vinyl Acetate
 Concen: 280.990 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.007 min
 Lab File: VY015840.D
 Acq: 04 Oct 2023 20:10

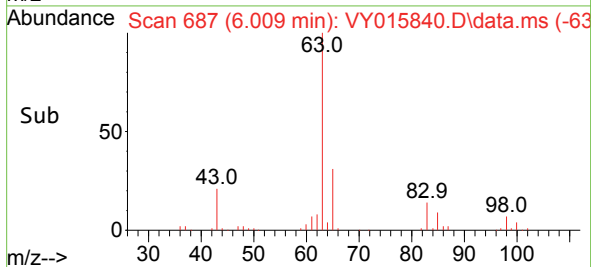
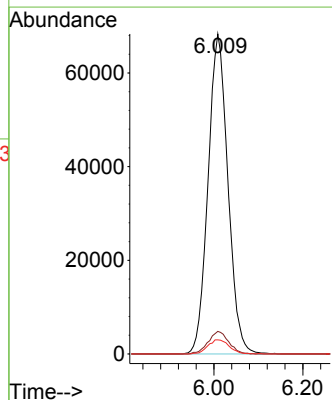
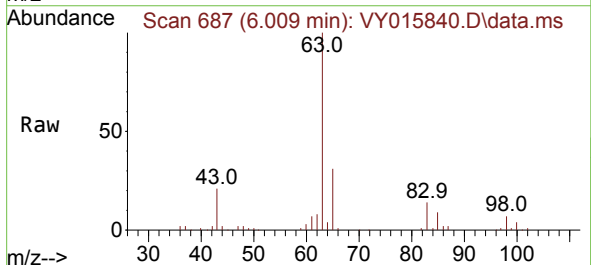
Instrument :
 MSVOA_Y
 ClientSampleId :

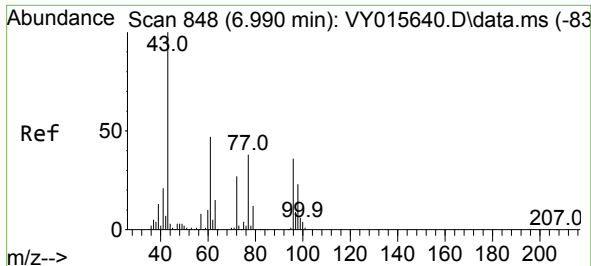
Tgt Ion: 43 Resp: 1293811
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 52.141 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015840.D
 Acq: 04 Oct 2023 20:10

Tgt Ion: 63 Resp: 212011
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.4 1.8 5.5

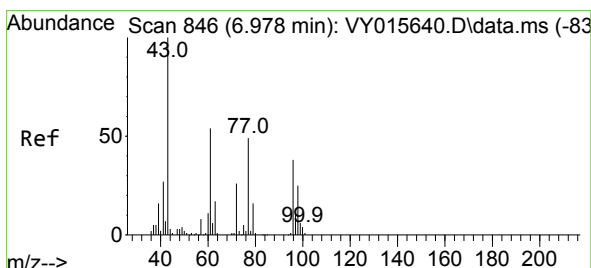
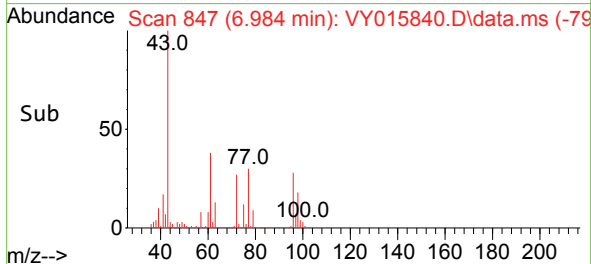
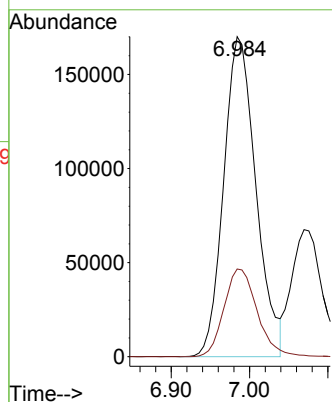
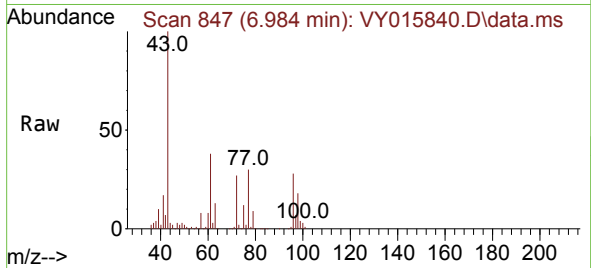




#25
2-Butanone
Concen: 303.637 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

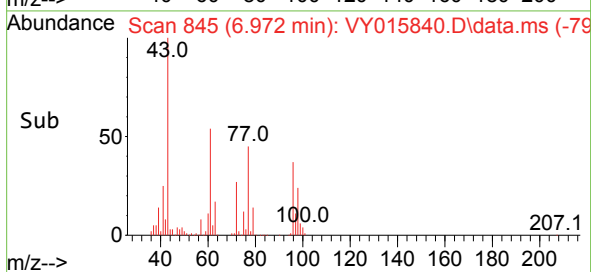
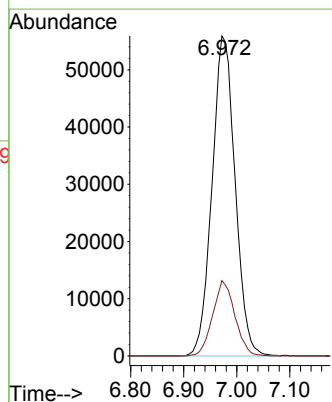
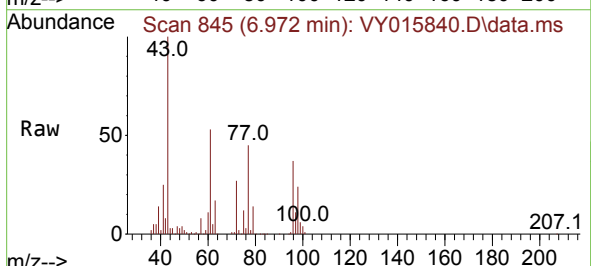
Instrument :
MSVOA_Y
ClientSampleId :

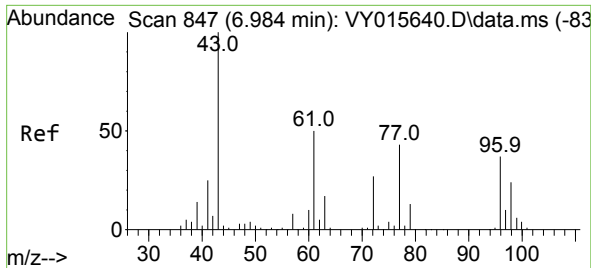
Tgt Ion: 43 Resp: 486991
Ion Ratio Lower Upper
43 100
72 27.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 45.462 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 77 Resp: 168954
Ion Ratio Lower Upper
77 100
97 22.6 10.9 32.9

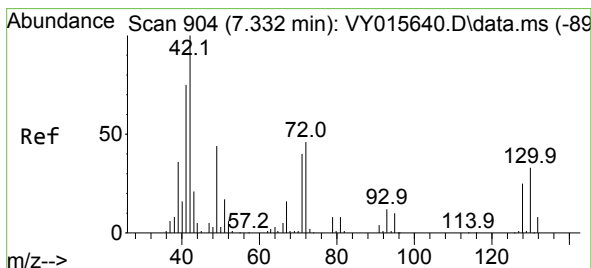
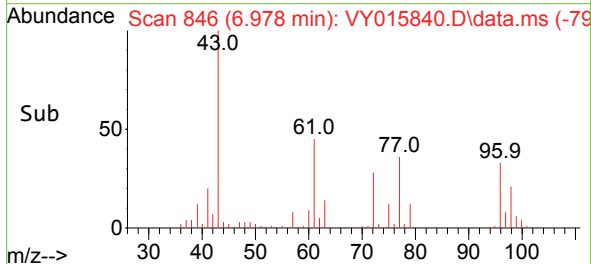
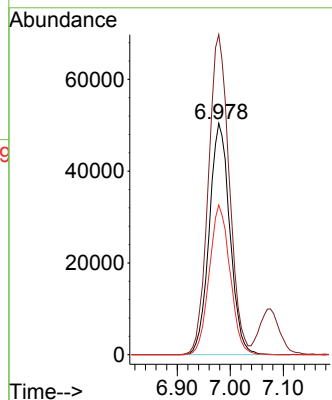
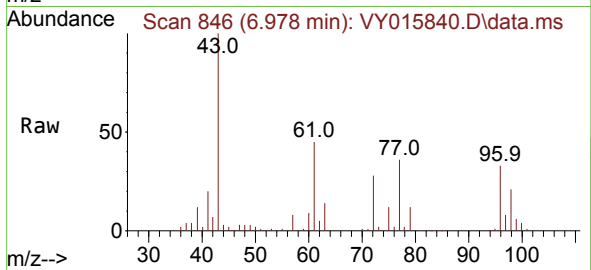




#27
 cis-1,2-Dichloroethene
 Concen: 52.924 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VY015840.D
 Acq: 04 Oct 2023 20:10

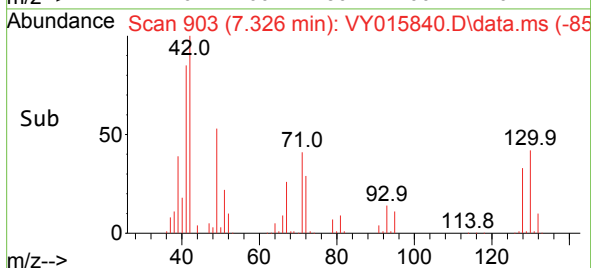
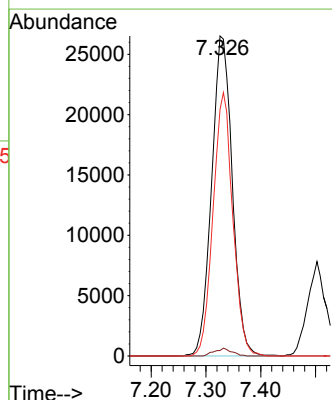
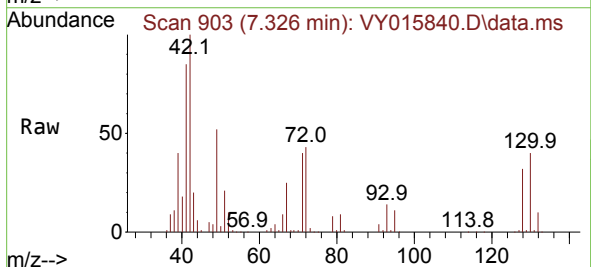
Instrument :
 MSVOA_Y
 ClientSampleId :

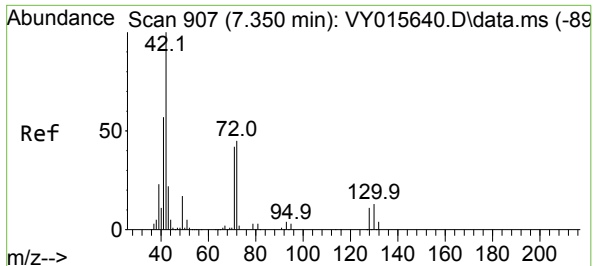
Tgt Ion: 96 Resp: 136152
 Ion Ratio Lower Upper
 96 100
 61 140.5 0.0 301.4
 98 65.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 62.951 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY015840.D
 Acq: 04 Oct 2023 20:10

Tgt Ion: 49 Resp: 69445
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 78.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 351.913 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

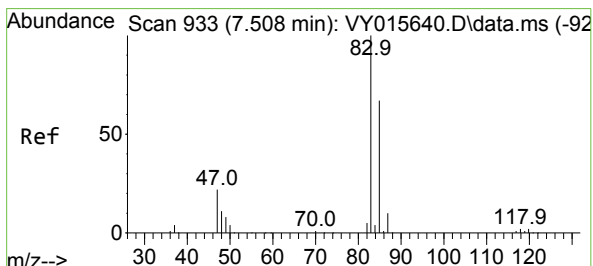
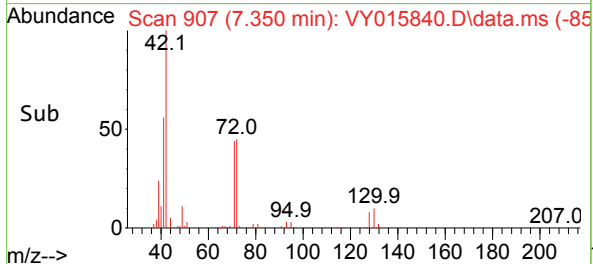
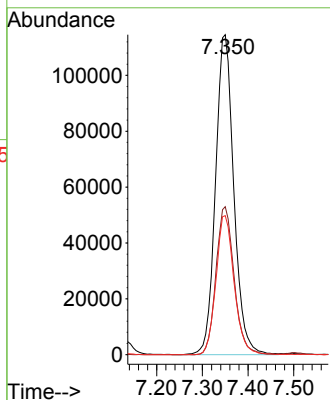
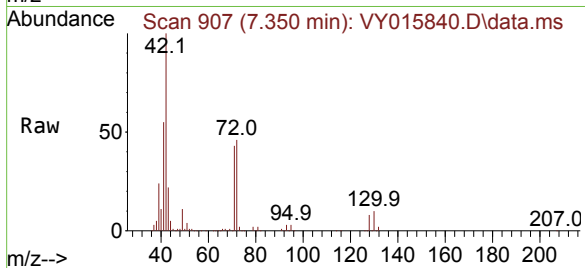
Tgt Ion: 42 Resp: 319015

Ion Ratio Lower Upper

42 100

72 45.8 32.8 49.2

71 43.2 31.0 46.4



#30

Chloroform

Concen: 53.687 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015840.D

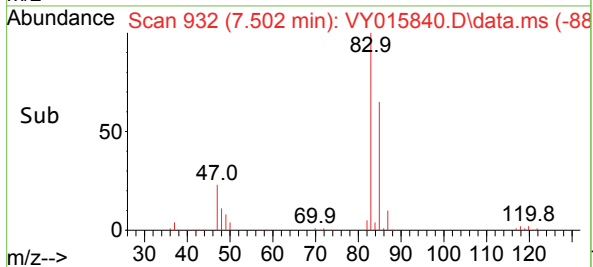
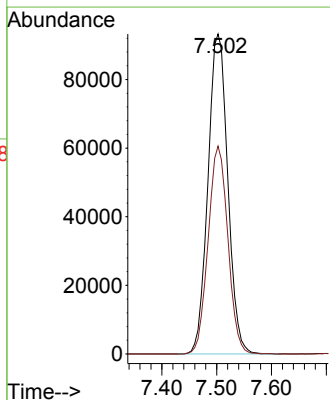
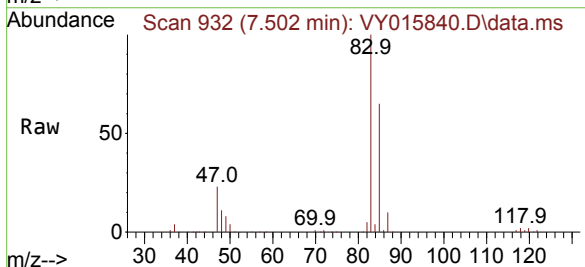
Acq: 04 Oct 2023 20:10

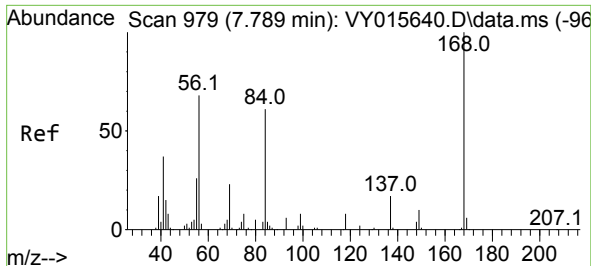
Tgt Ion: 83 Resp: 233774

Ion Ratio Lower Upper

83 100

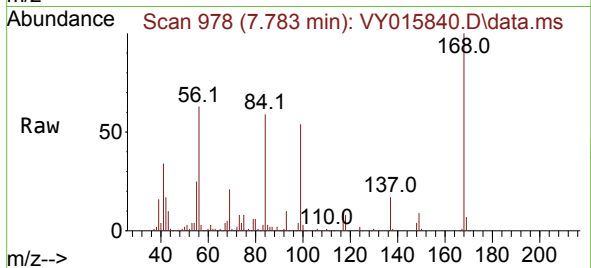
85 65.0 49.7 74.5



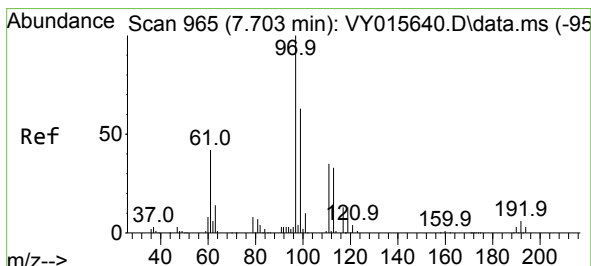
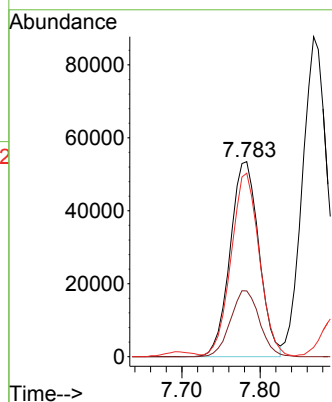
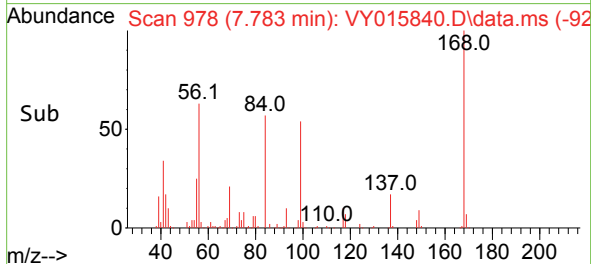


#31
Cyclohexane
Concen: 46.573 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :

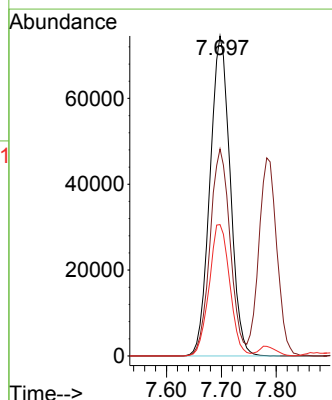
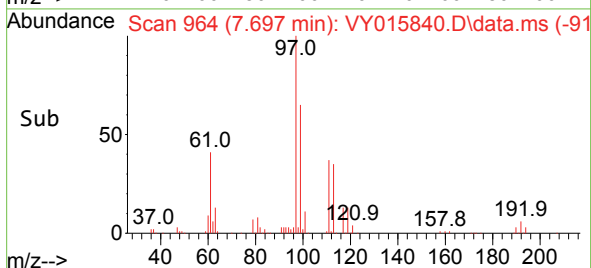
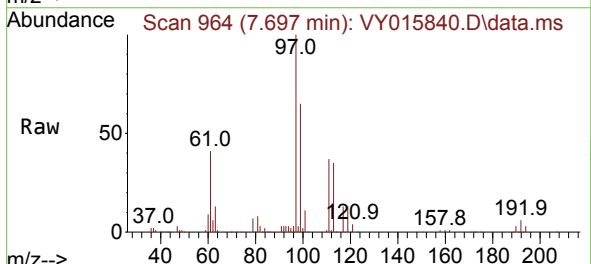


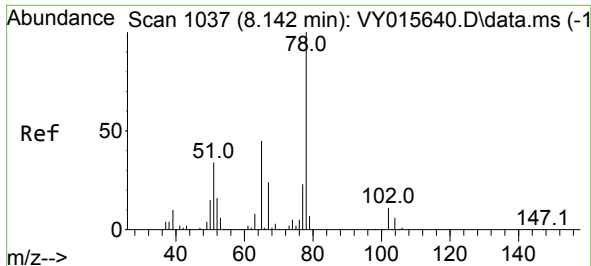
Tgt Ion: 56 Resp: 136796
Ion Ratio Lower Upper
56 100
69 33.7 27.8 41.6
84 91.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.961 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 97 Resp: 190376
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 41.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.324 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

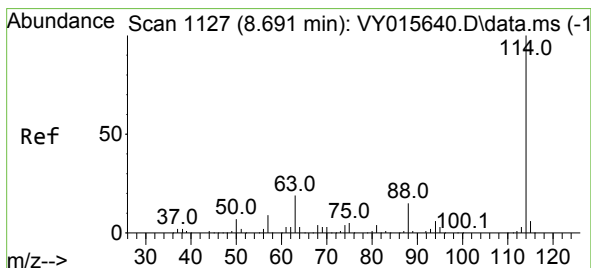
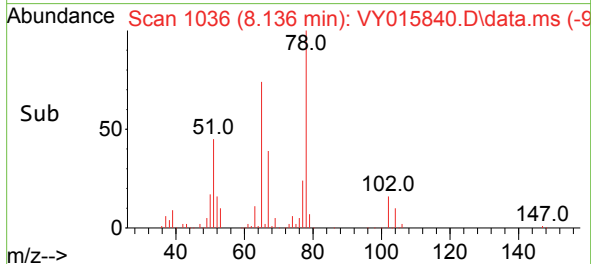
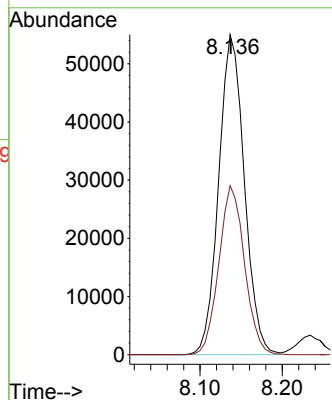
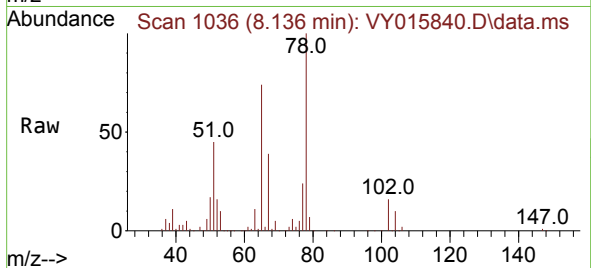
ClientSampleId :

Tgt Ion: 65 Resp: 119424

Ion Ratio Lower Upper

65 100

67 52.8 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: VY015840.D

Acq: 04 Oct 2023 20:10

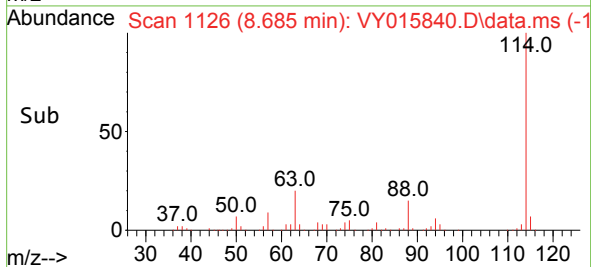
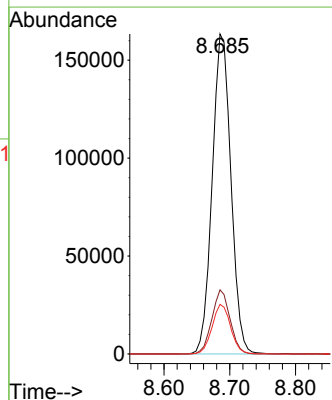
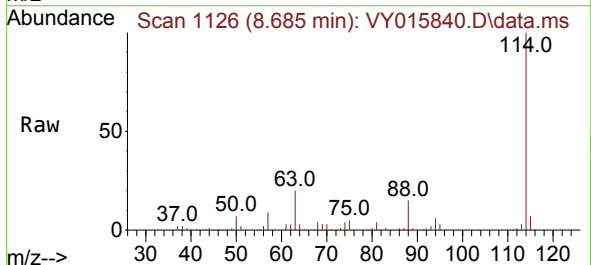
Tgt Ion:114 Resp: 324128

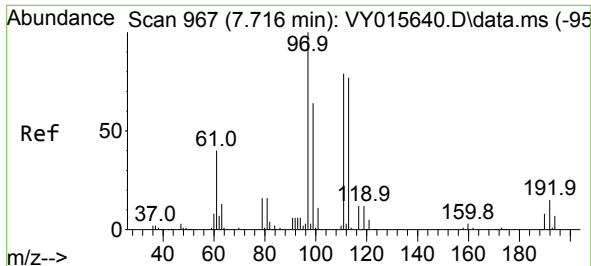
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

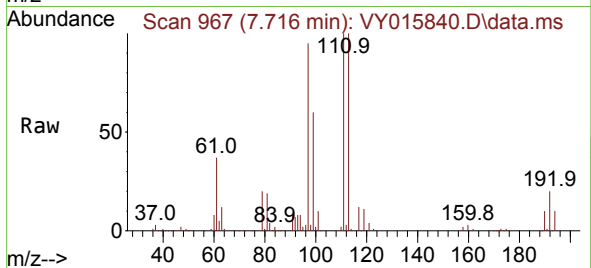
88 15.5 0.0 30.6



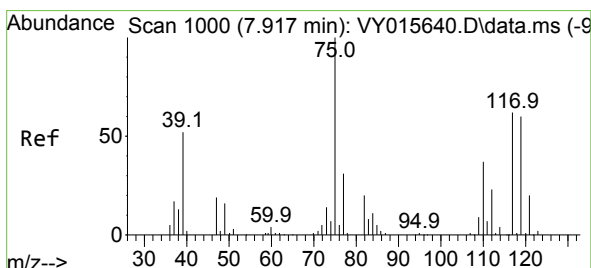
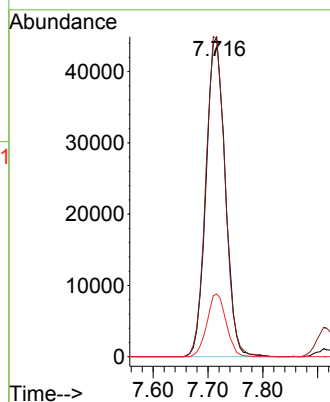
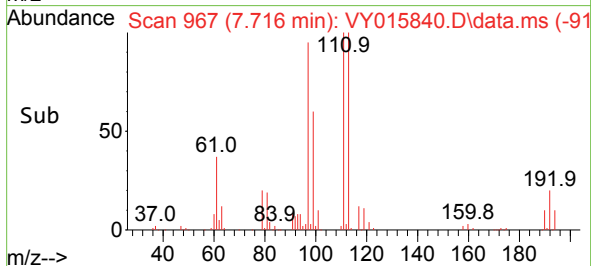


#35
Dibromofluoromethane
Concen: 55.844 ug/l
RT: 7.716 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

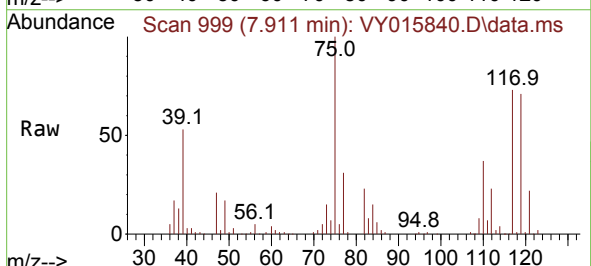
Instrument :
MSVOA_Y
ClientSampleId :



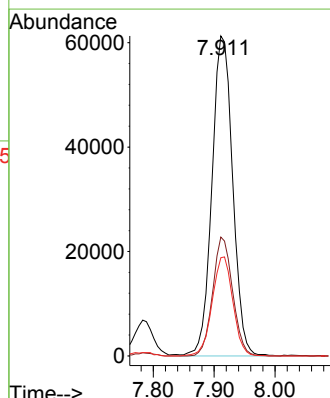
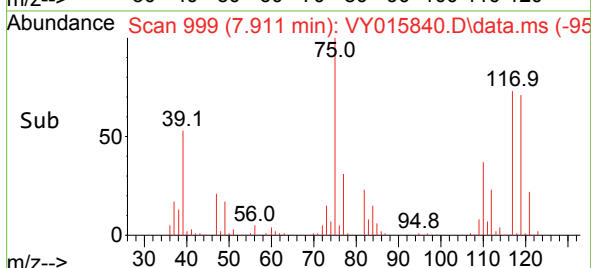
Tgt Ion:113 Resp: 108339
Ion Ratio Lower Upper
113 100
111 101.3 81.3 121.9
192 19.7 16.9 25.3

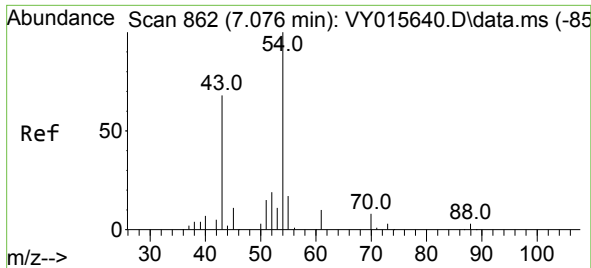


#36
1,1-Dichloropropene
Concen: 50.559 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10



Tgt Ion: 75 Resp: 145028
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 65.766 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

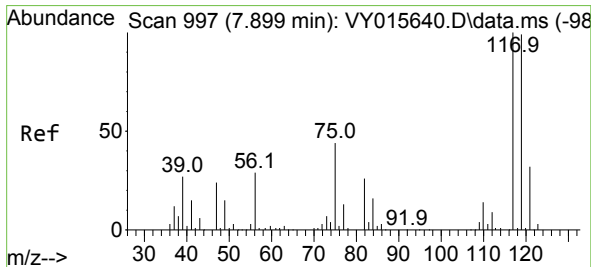
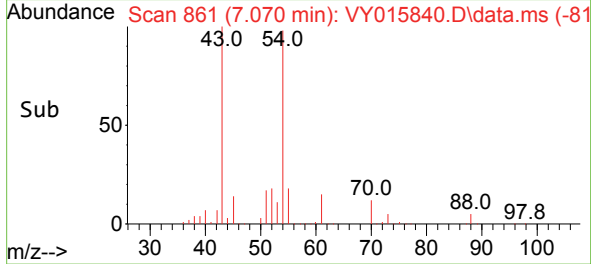
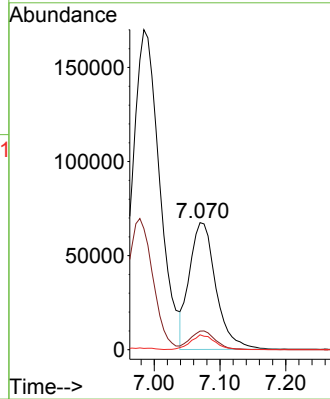
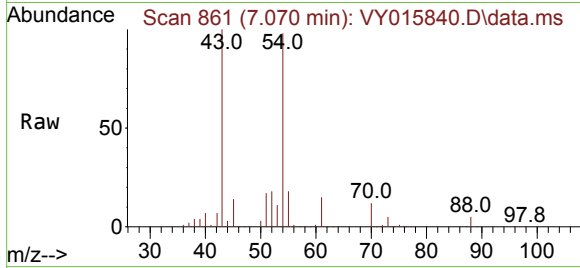
Tgt Ion: 43 Resp: 188169

Ion Ratio Lower Upper

43 100

61 13.8 10.1 15.1

70 10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 52.650 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

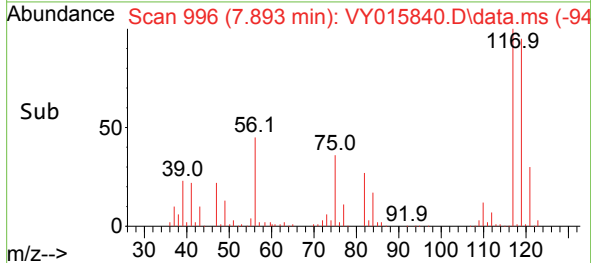
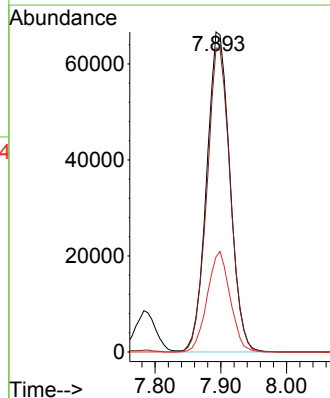
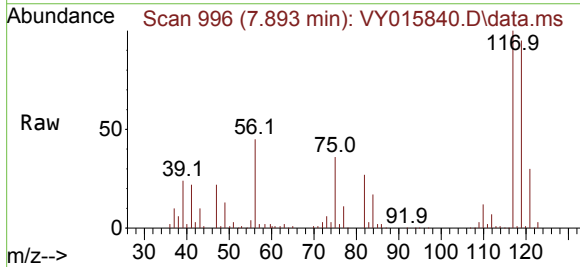
Tgt Ion: 117 Resp: 163934

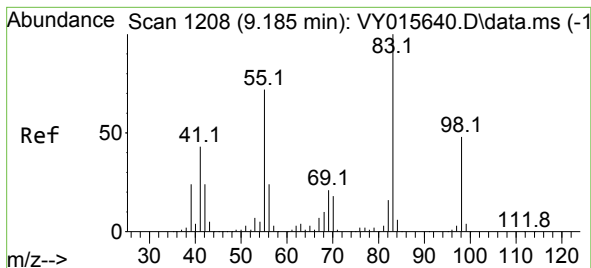
Ion Ratio Lower Upper

117 100

119 95.0 76.4 114.6

121 29.8 25.8 38.6





#39

Methylcyclohexane

Concen: 50.303 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

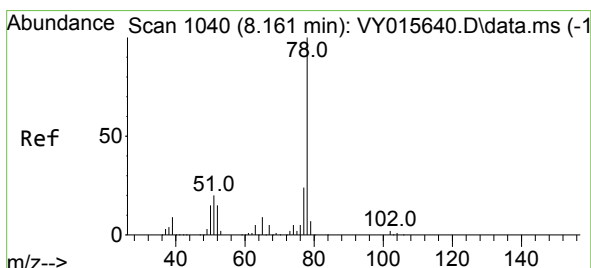
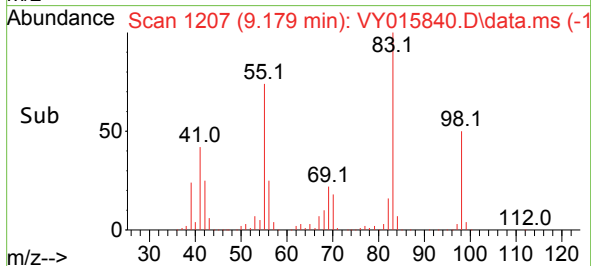
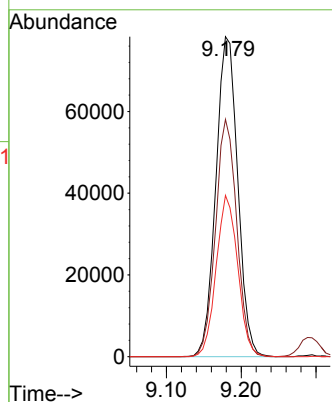
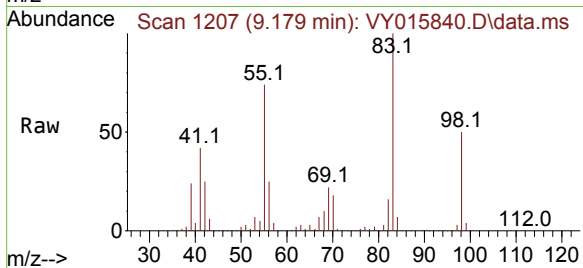
Tgt Ion: 83 Resp: 159595

Ion Ratio Lower Upper

83 100

55 74.2 63.0 94.4

98 50.4 37.4 56.2



#40

Benzene

Concen: 51.649 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015840.D

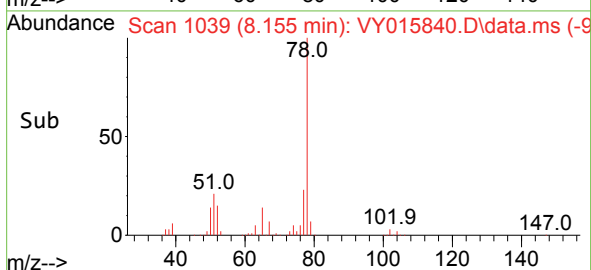
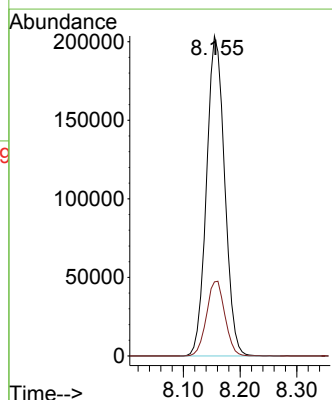
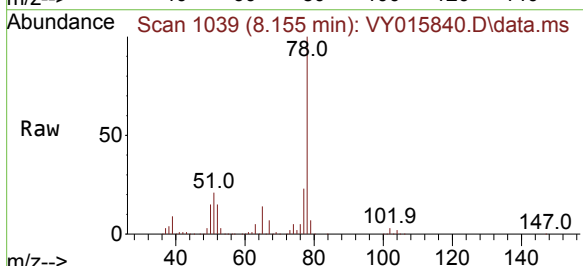
Acq: 04 Oct 2023 20:10

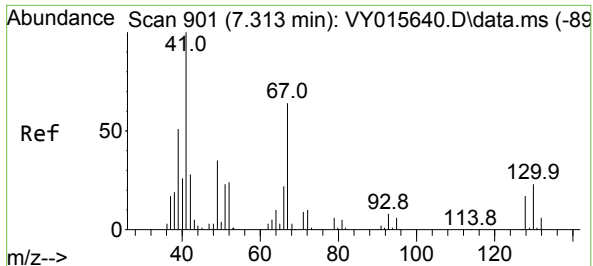
Tgt Ion: 78 Resp: 451806

Ion Ratio Lower Upper

78 100

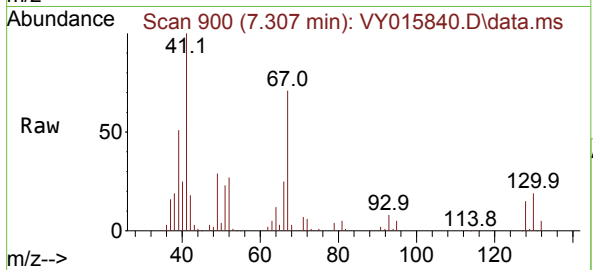
77 23.1 19.0 28.6



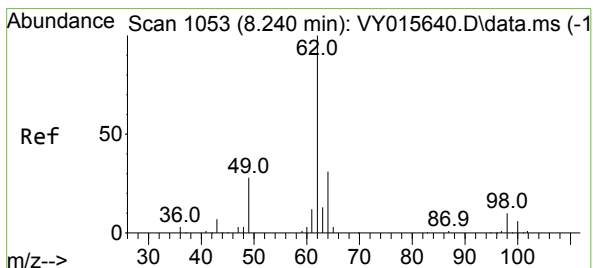
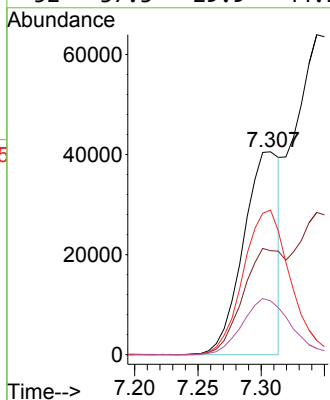
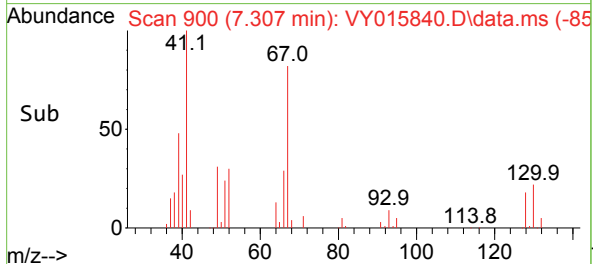


#41
Methacrylonitrile
Concen: 52.349 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :

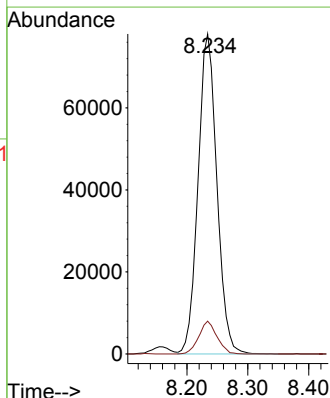
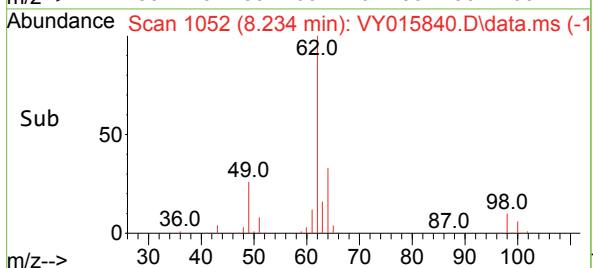
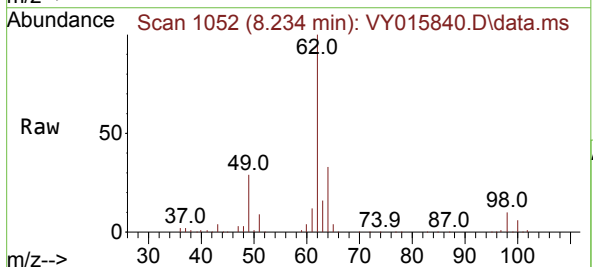


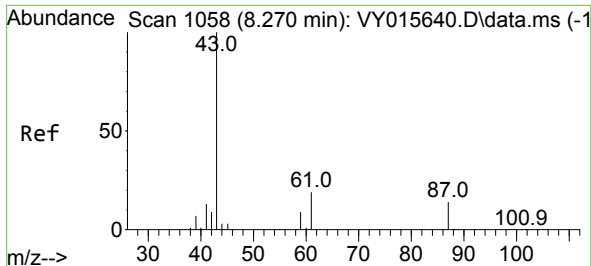
Tgt Ion:	41	Resp:	80648
Ion	Ratio	Lower	Upper
41	100		
39	61.6	52.1	78.1
67	93.4	66.2	99.2
52	37.3	29.9	44.9



#42
1,2-Dichloroethane
Concen: 55.933 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion:	62	Resp:	167568
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	15.8

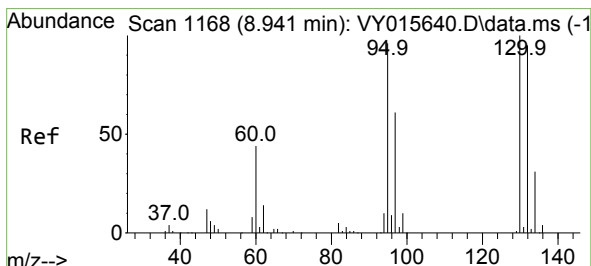
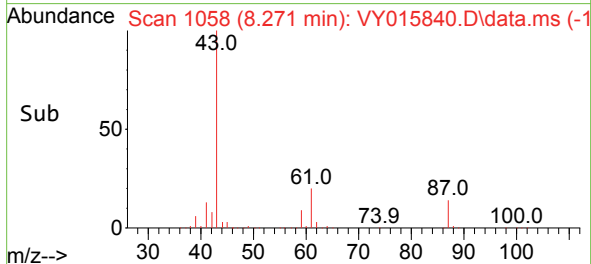
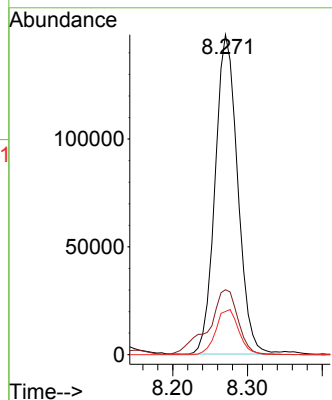
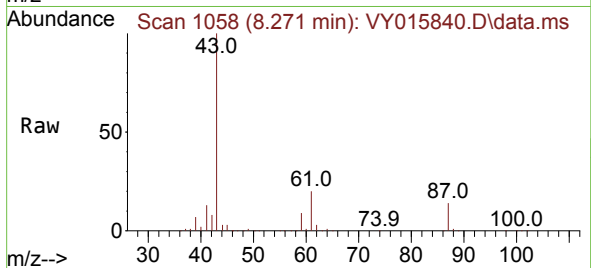




#43
Isopropyl Acetate
Concen: 63.456 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

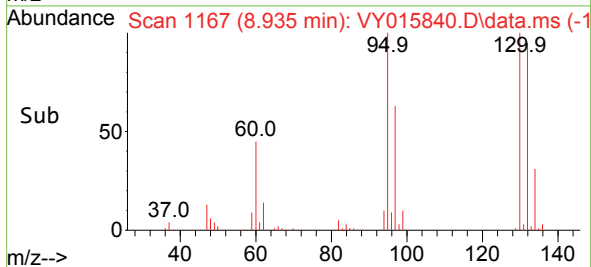
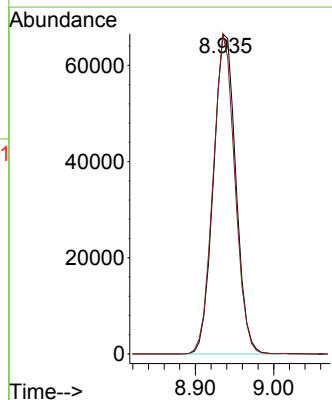
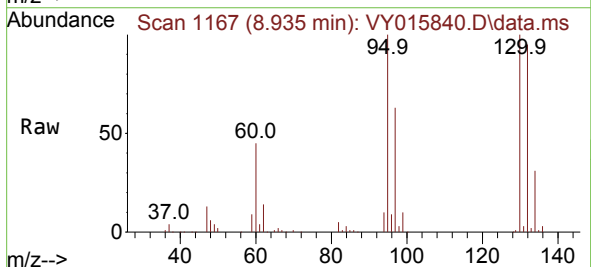
Instrument :
MSVOA_Y
ClientSampleId :

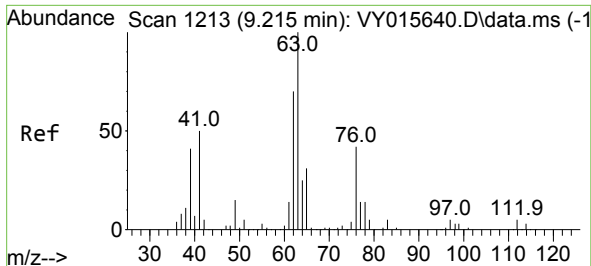
Tgt Ion: 43 Resp: 310139
Ion Ratio Lower Upper
43 100
61 26.6 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 54.118 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 130 Resp: 132220
Ion Ratio Lower Upper
130 100
95 99.8 0.0 196.0

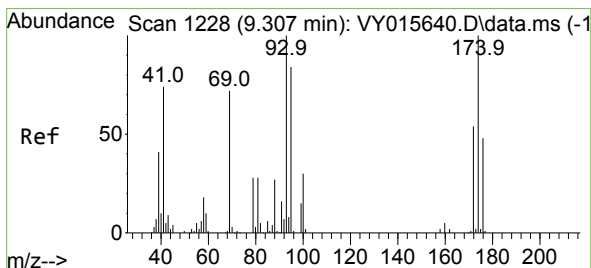
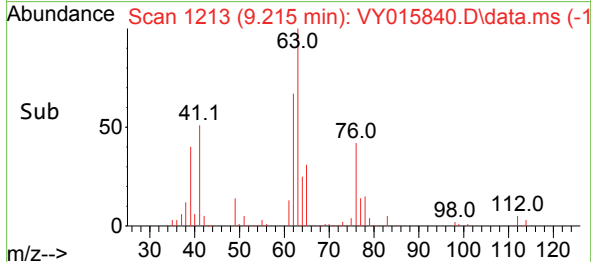
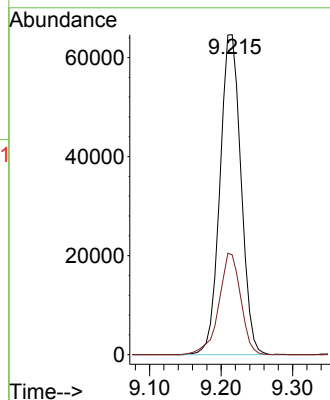
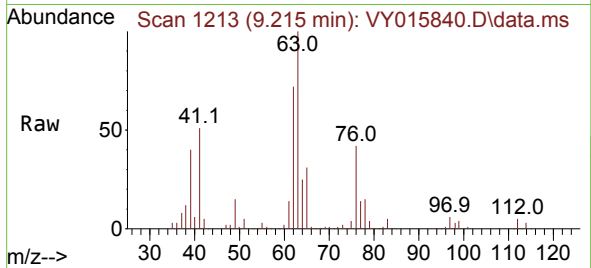




#45
1,2-Dichloropropane
Concen: 54.110 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

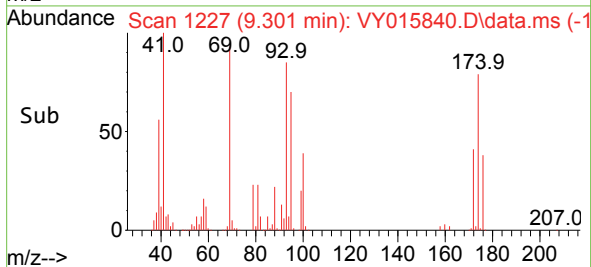
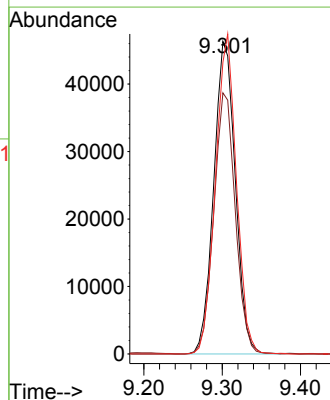
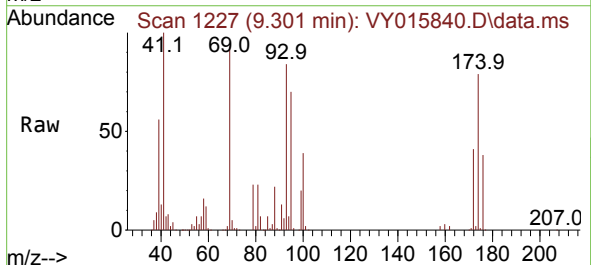
Instrument :
MSVOA_Y
ClientSampleId :

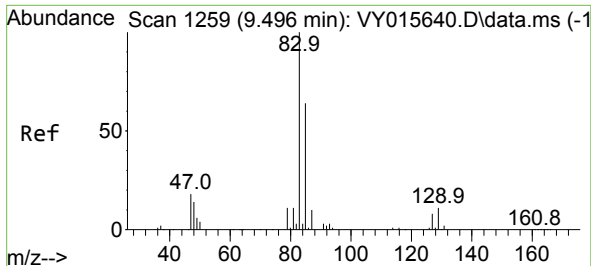
Tgt Ion: 63 Resp: 131998
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.6



#46
Dibromomethane
Concen: 56.898 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

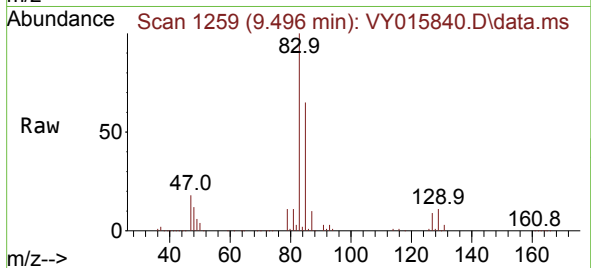
Tgt Ion: 93 Resp: 88786
Ion Ratio Lower Upper
93 100
95 83.2 66.6 100.0
174 99.2 84.8 127.2



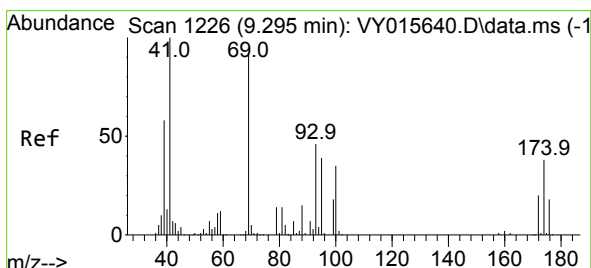
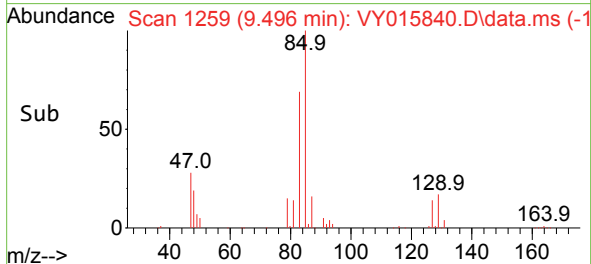
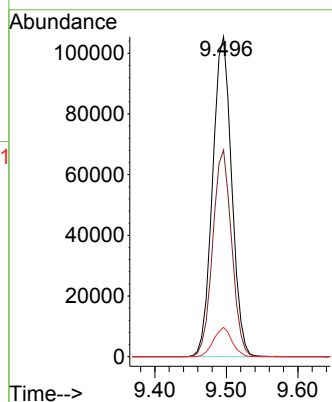


#47
Bromodichloromethane
Concen: 56.138 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :

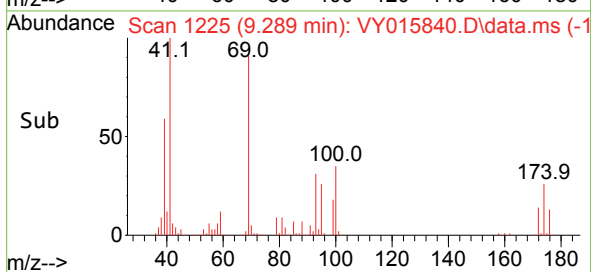
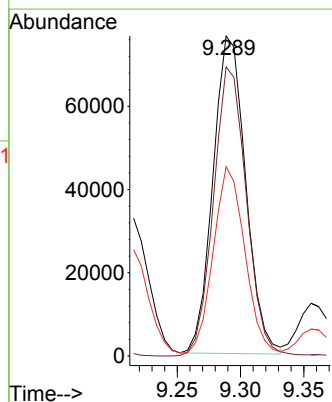
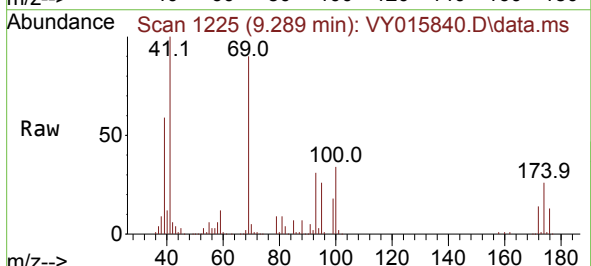


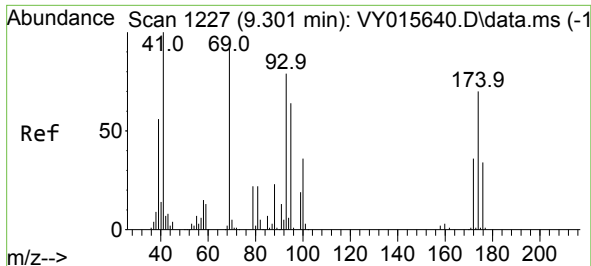
Tgt Ion: 83 Resp: 195257
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 63.878 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 41 Resp: 137036
Ion Ratio Lower Upper
41 100
69 92.0 64.5 96.7
39 58.2 50.8 76.2

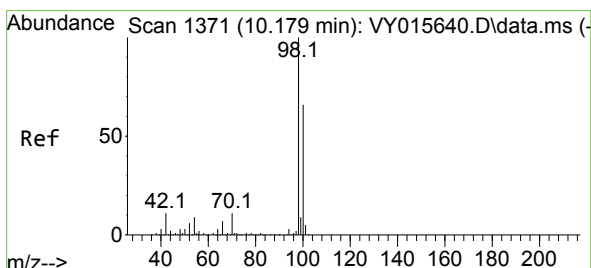
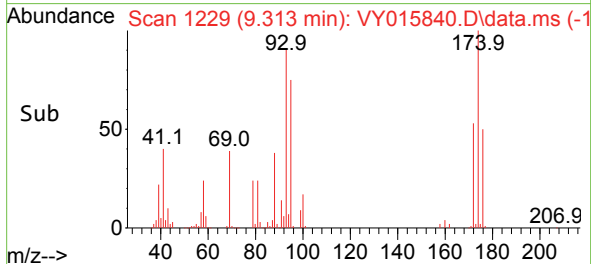
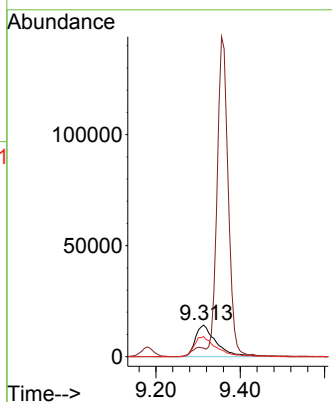
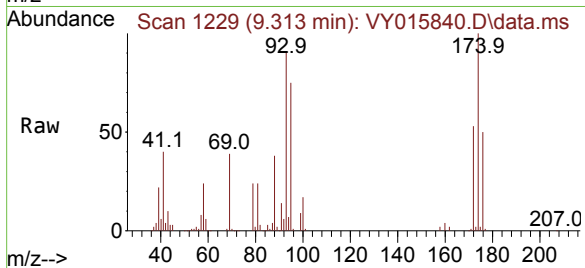




#49
1,4-Dioxane
Concen: 1594.123 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.024 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

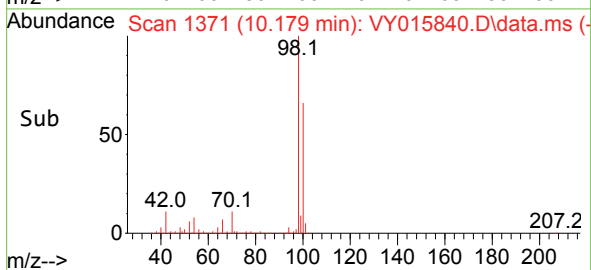
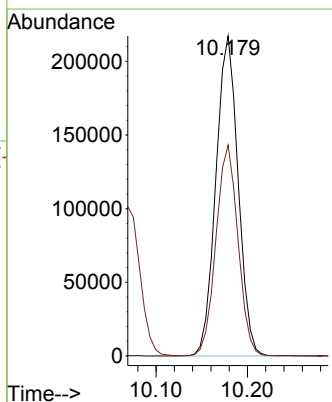
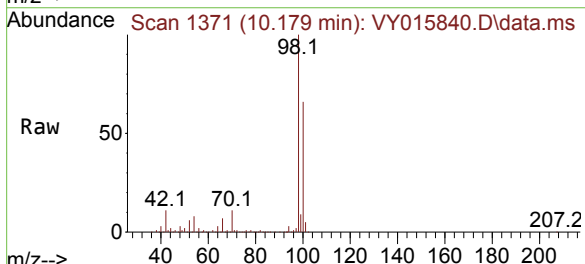
Instrument :
MSVOA_Y
ClientSampleId :

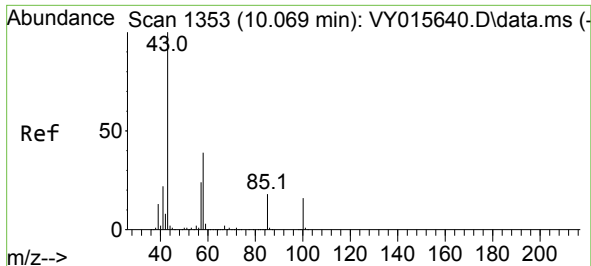
Tgt Ion: 88 Resp: 49143
Ion Ratio Lower Upper
88 100
43 19.4 0.0 0.0#
58 67.6 30.9 46.3#



#50
Toluene-d8
Concen: 55.833 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 98 Resp: 367262
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 338.572 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

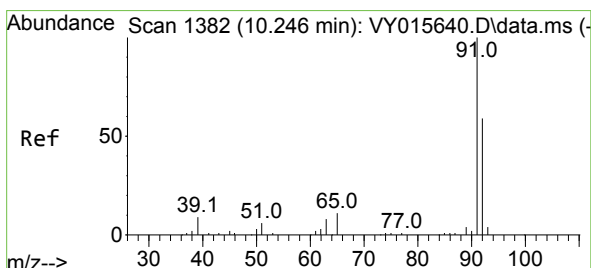
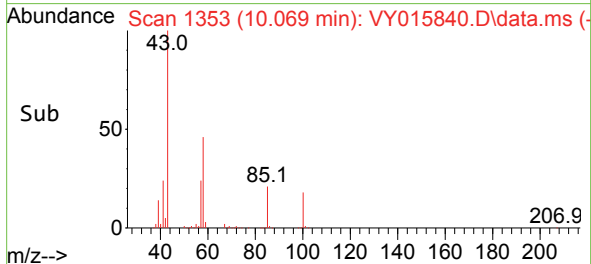
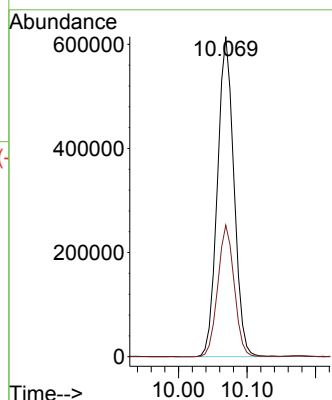
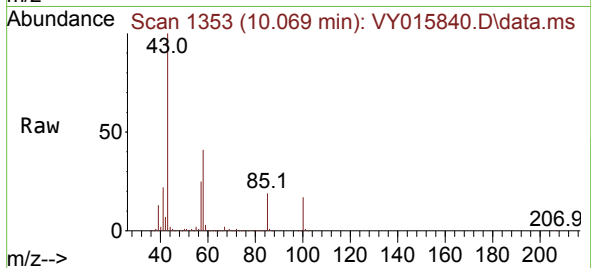
ClientSampleId :

Tgt Ion: 43 Resp: 1025640

Ion Ratio Lower Upper

43 100

58 40.9 29.0 43.6



#52

Toluene

Concen: 52.728 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY015840.D

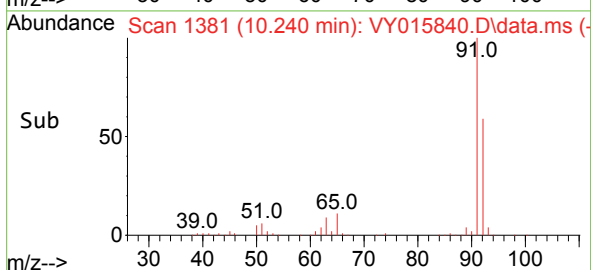
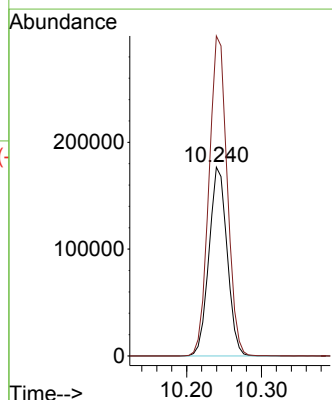
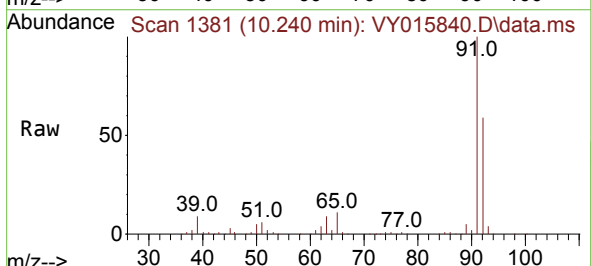
Acq: 04 Oct 2023 20:10

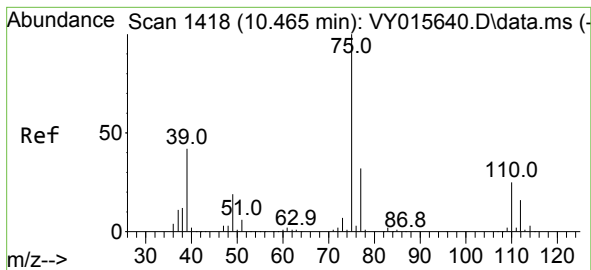
Tgt Ion: 92 Resp: 297359

Ion Ratio Lower Upper

92 100

91 170.4 143.8 215.6

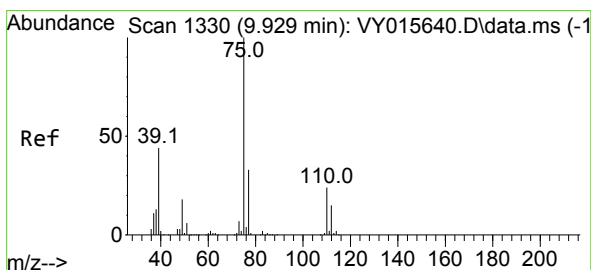
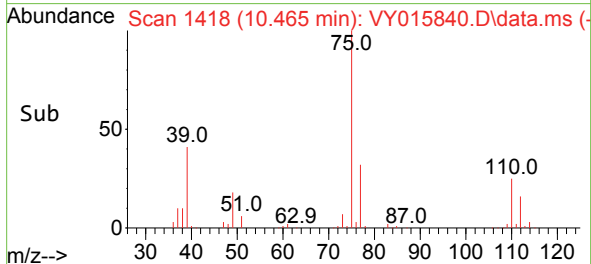
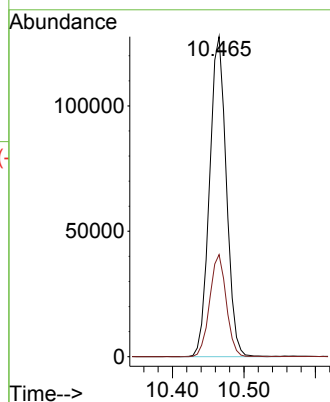
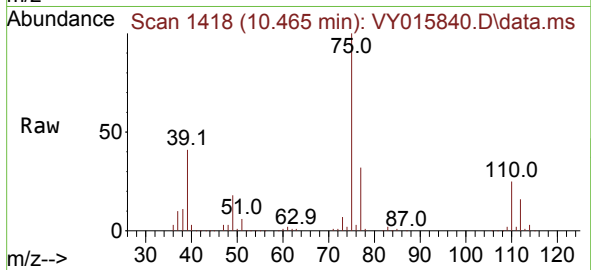




#53
 t-1,3-Dichloropropene
 Concen: 55.842 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY015840.D
 Acq: 04 Oct 2023 20:10

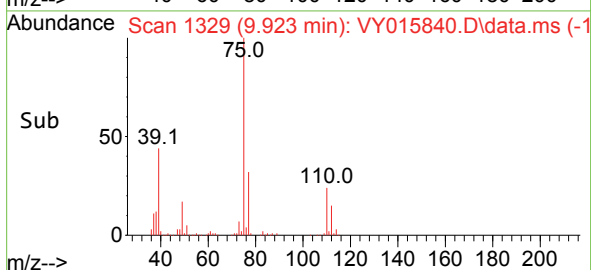
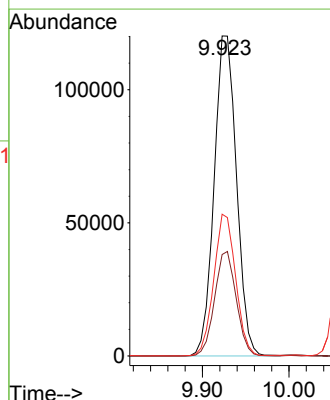
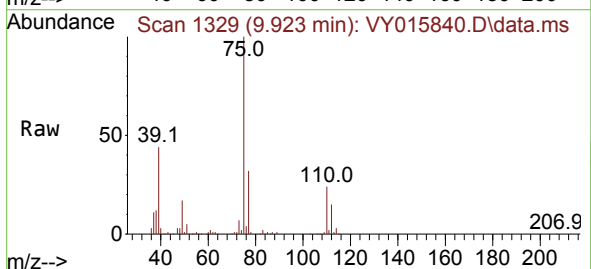
Instrument :
 MSVOA_Y
 ClientSampleId :

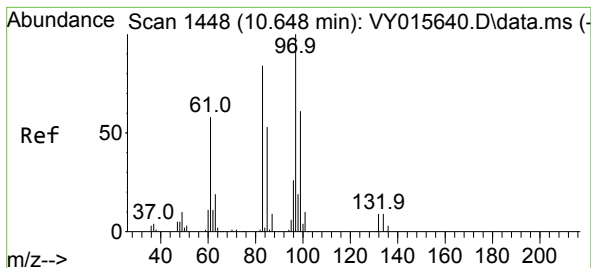
Tgt Ion: 75 Resp: 208282
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.802 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY015840.D
 Acq: 04 Oct 2023 20:10

Tgt Ion: 75 Resp: 216010
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 44.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 58.026 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. 0.000 min

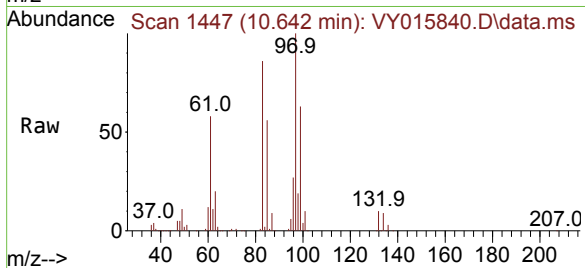
Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 132693

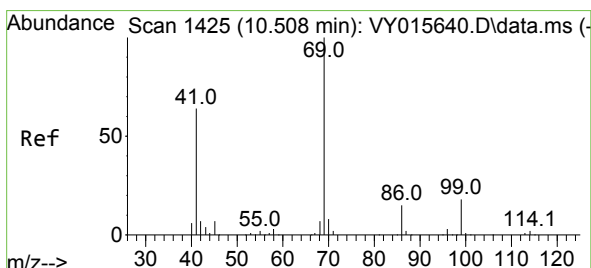
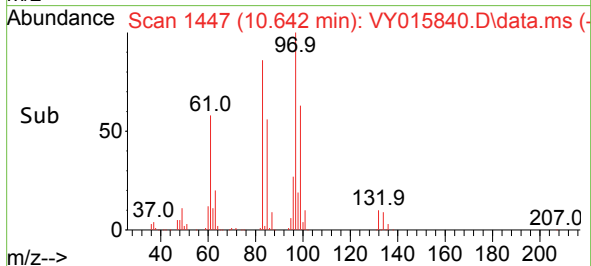
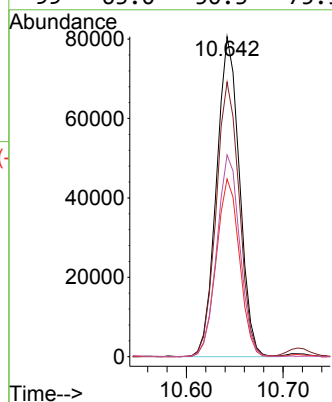
Ion Ratio Lower Upper

97 100

83 85.8 72.0 108.0

85 55.6 45.4 68.0

99 63.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 63.183 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

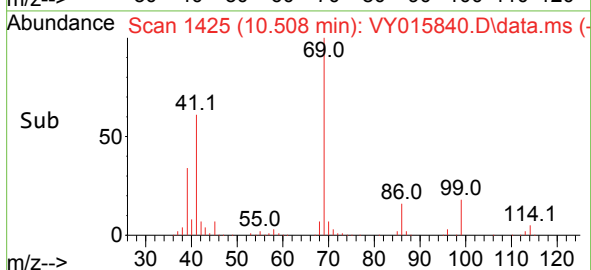
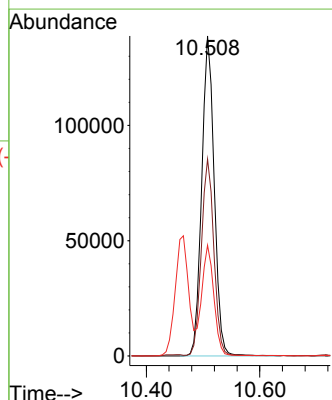
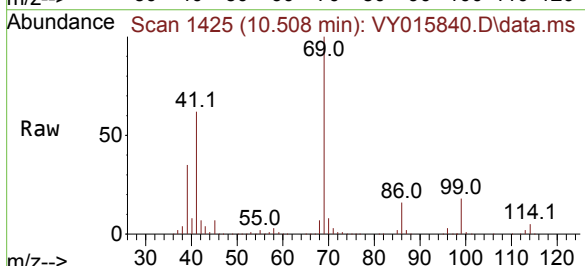
Tgt Ion: 69 Resp: 212925

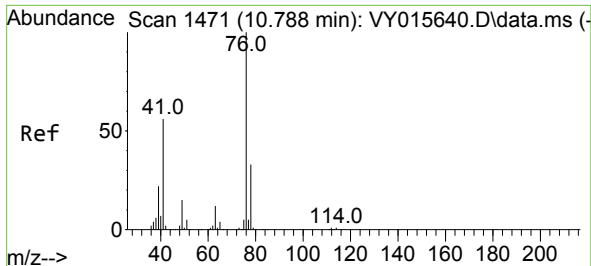
Ion Ratio Lower Upper

69 100

41 61.3 57.6 86.4

39 34.2 34.1 51.1





#57

1,3-Dichloropropane

Concen: 57.451 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

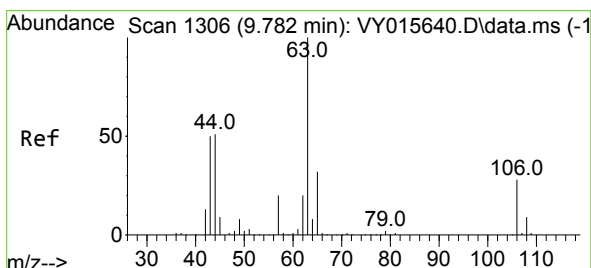
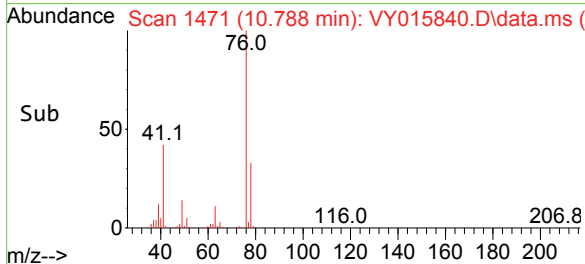
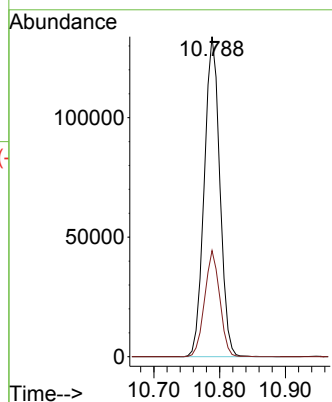
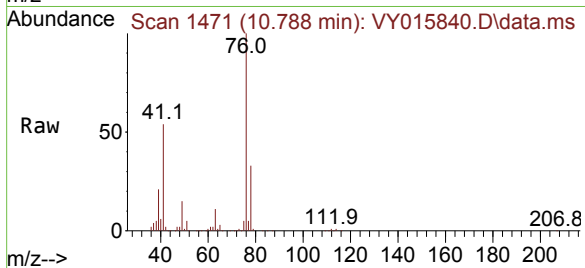
ClientSampleId :

Tgt Ion: 76 Resp: 220316

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 252.633 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015840.D

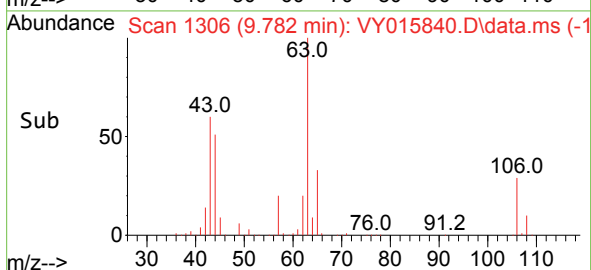
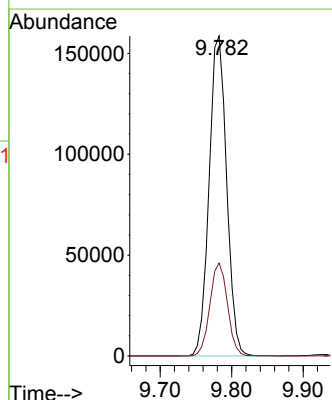
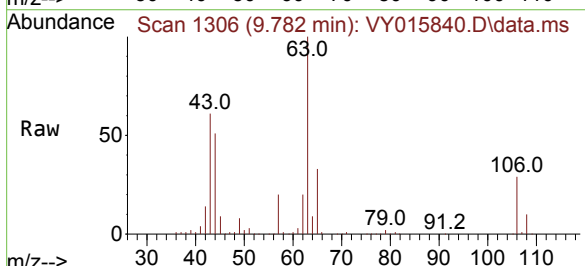
Acq: 04 Oct 2023 20:10

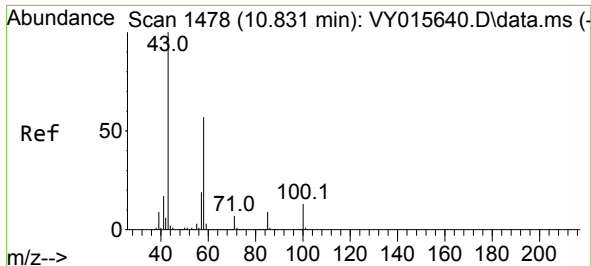
Tgt Ion: 63 Resp: 270432

Ion Ratio Lower Upper

63 100

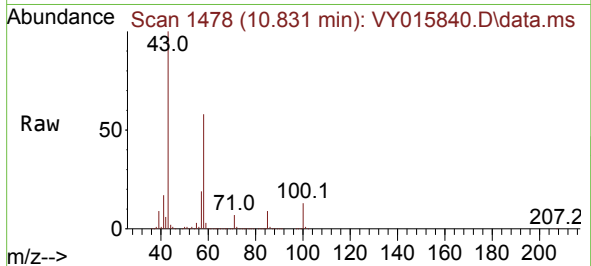
106 29.0 21.2 31.8



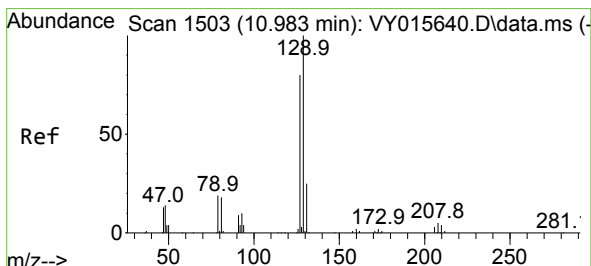
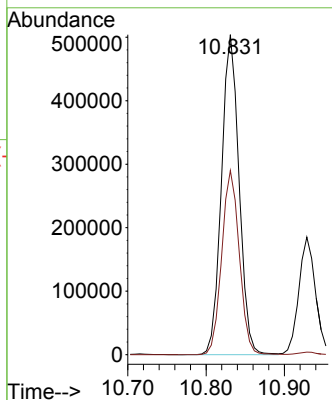
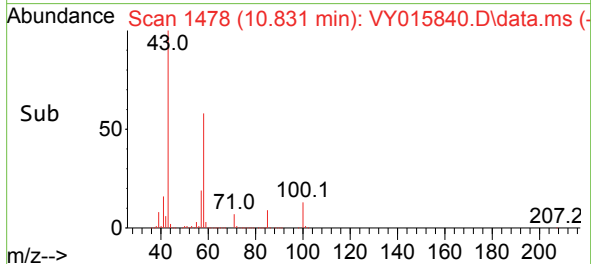


#59
2-Hexanone
Concen: 338.597 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Instrument :
MSVOA_Y
ClientSampleId :

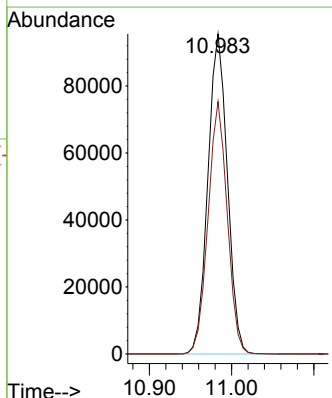
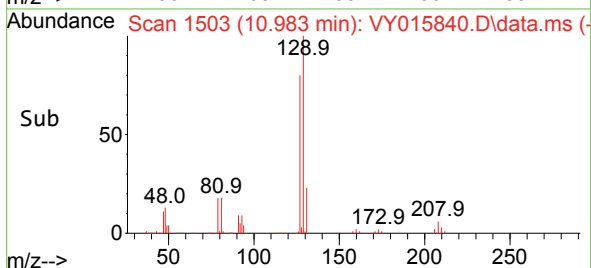
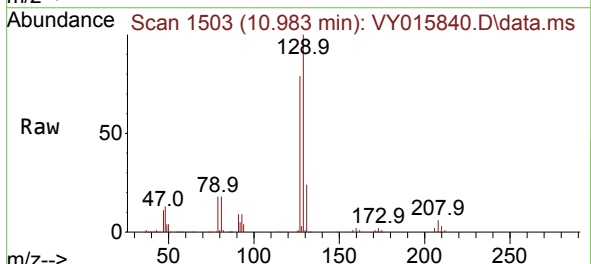


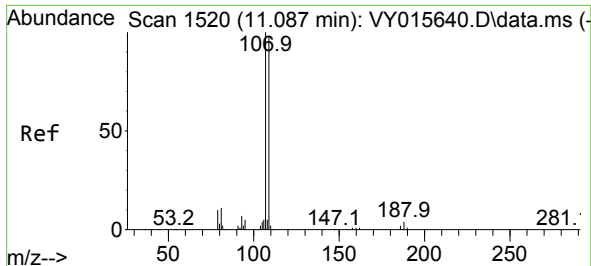
Tgt Ion: 43 Resp: 786940
Ion Ratio Lower Upper
43 100
58 57.5 25.1 75.3



#60
Dibromochloromethane
Concen: 58.783 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 129 Resp: 156917
Ion Ratio Lower Upper
129 100
127 77.7 38.5 115.5

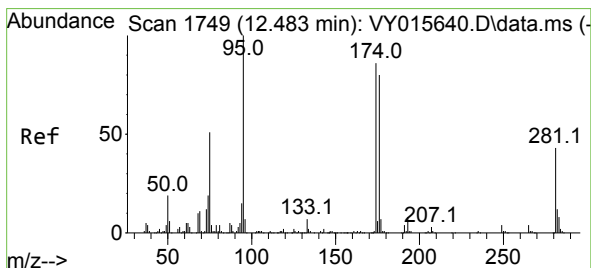
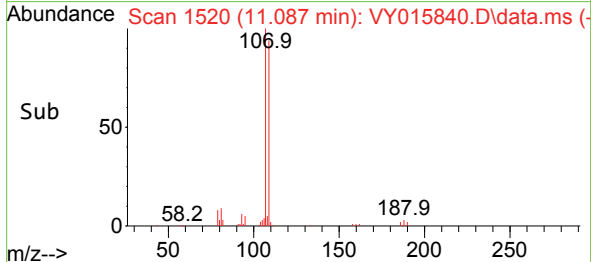
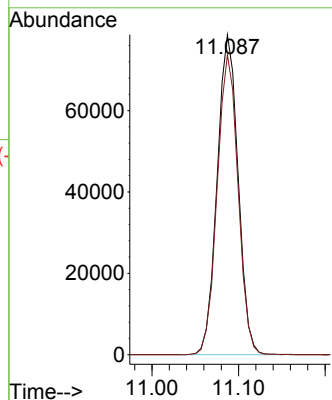
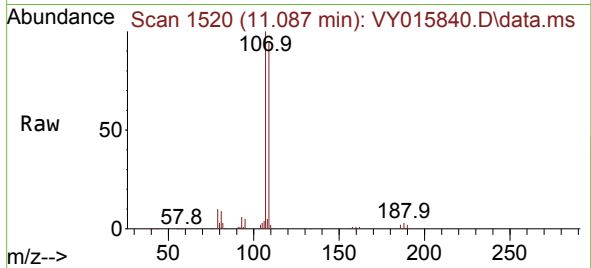




#61
1,2-Dibromoethane
Concen: 58.957 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

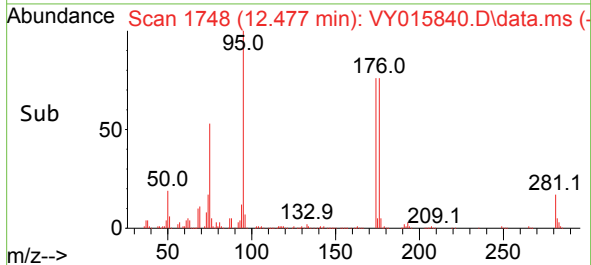
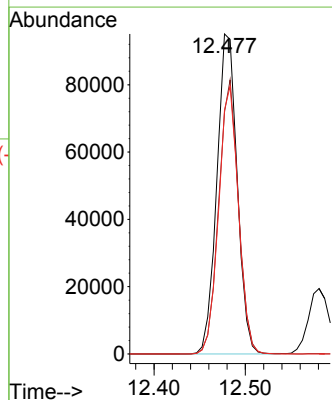
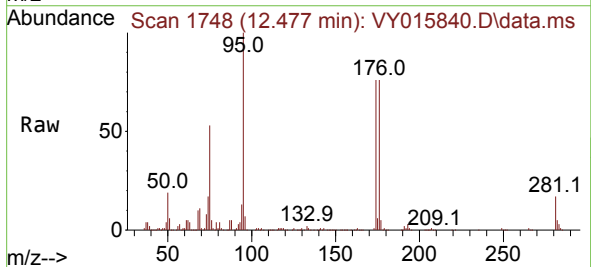
Instrument :
MSVOA_Y
ClientSampleId :

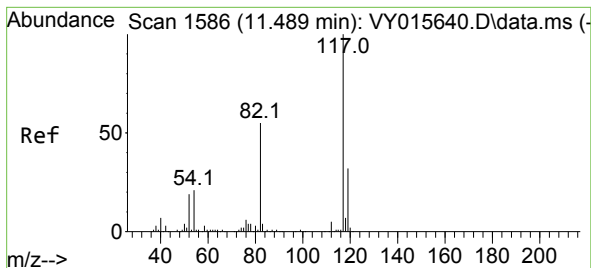
Tgt Ion:107 Resp: 131895
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.896 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 95 Resp: 146871
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.2
176 81.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

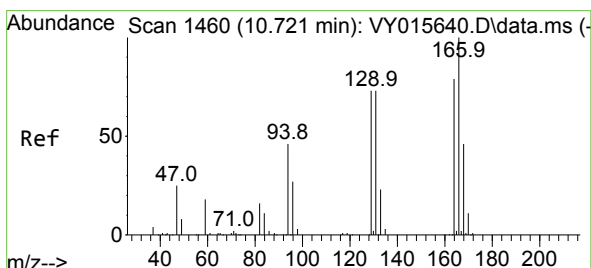
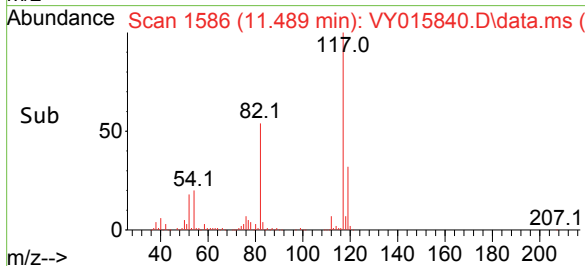
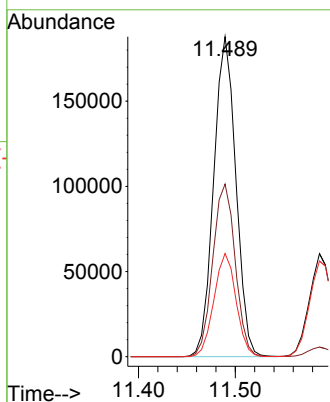
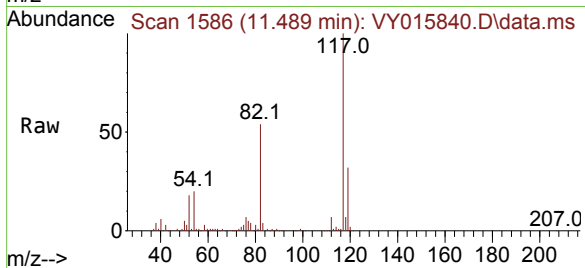
Tgt Ion:117 Resp: 298902

Ion Ratio Lower Upper

117 100

82 53.9 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 57.927 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Tgt Ion:164 Resp: 148554

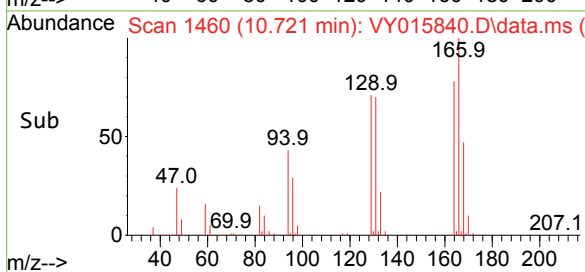
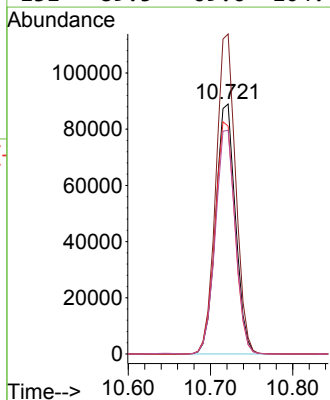
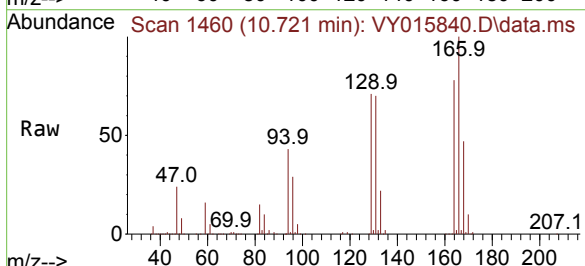
Ion Ratio Lower Upper

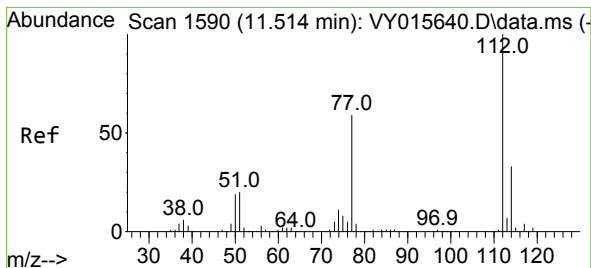
164 100

166 128.0 103.0 154.6

129 91.2 77.2 115.8

131 89.5 69.6 104.4

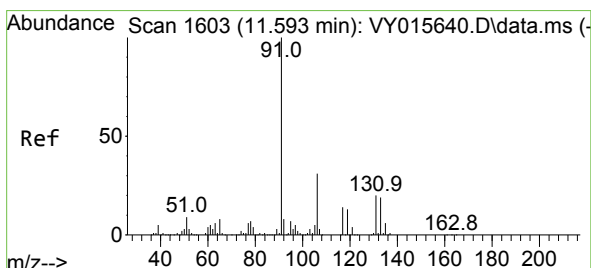
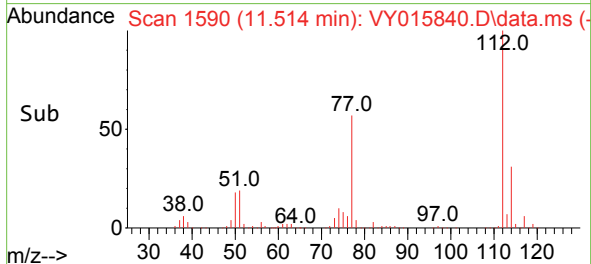
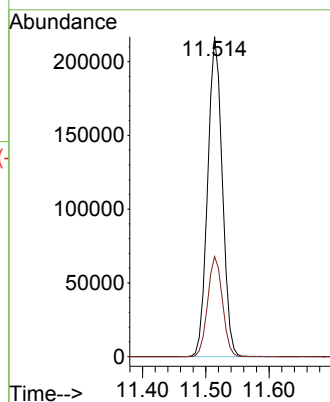
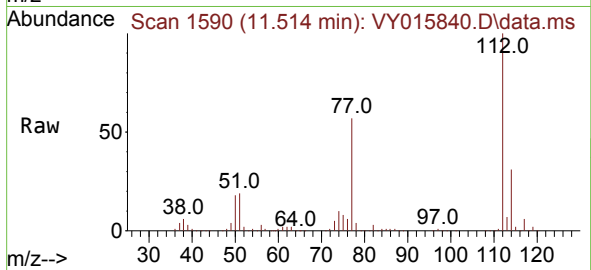




#65
Chlorobenzene
Concen: 53.435 ug/l
RT: 11.514 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

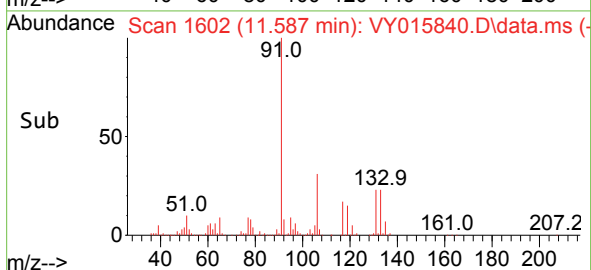
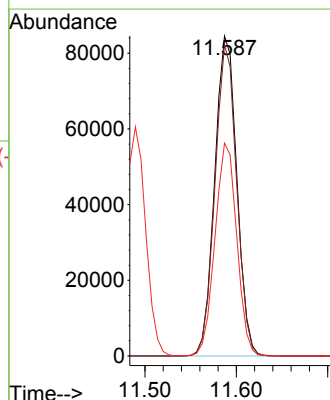
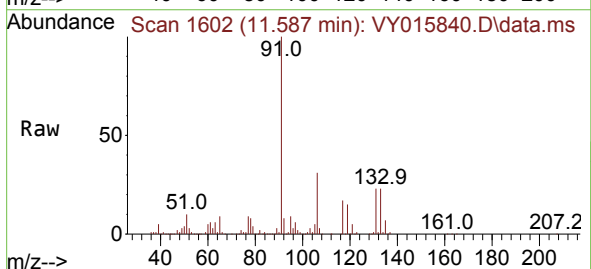
Instrument :
MSVOA_Y
ClientSampleId :

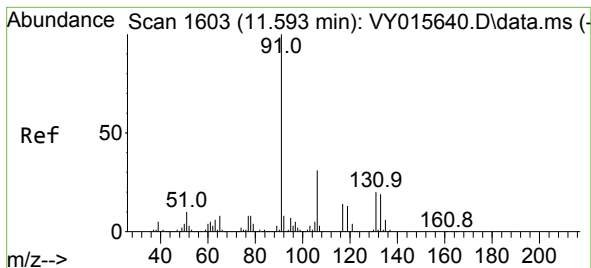
Tgt Ion:112 Resp: 348637
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 56.057 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion:131 Resp: 142068
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 52.772 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

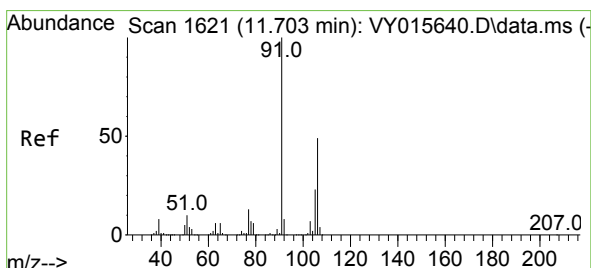
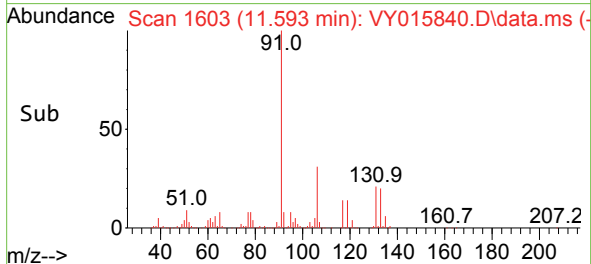
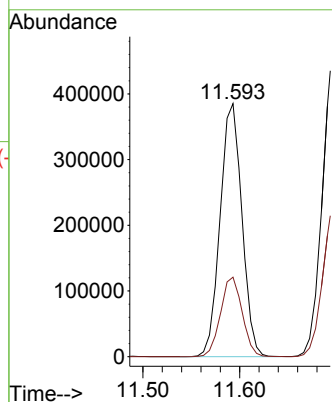
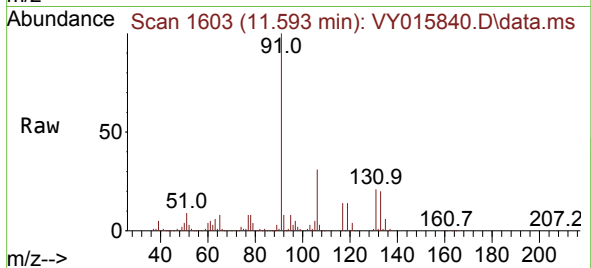
ClientSampleId :

Tgt Ion: 91 Resp: 601800

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 105.947 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015840.D

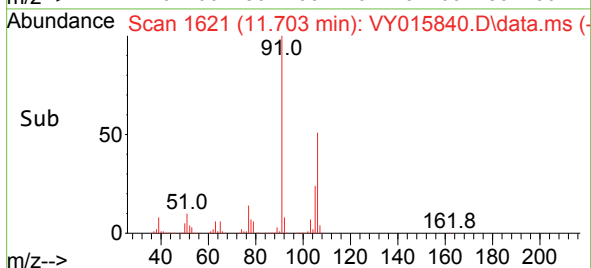
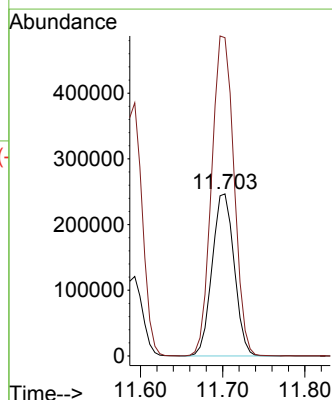
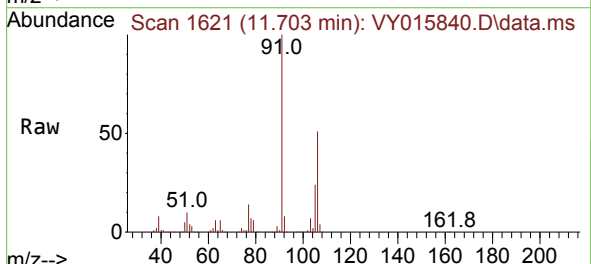
Acq: 04 Oct 2023 20:10

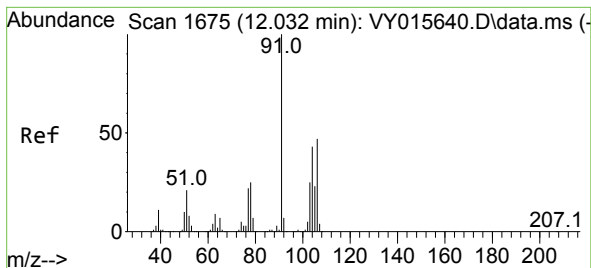
Tgt Ion:106 Resp: 459225

Ion Ratio Lower Upper

106 100

91 200.4 166.1 249.1





#69

o-Xylene

Concen: 53.840 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

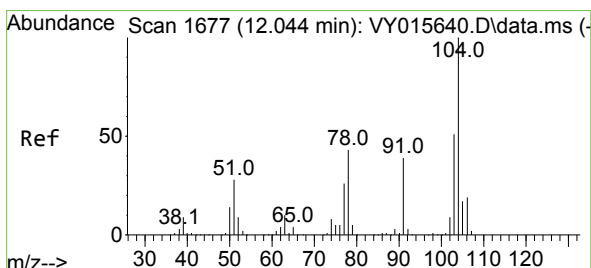
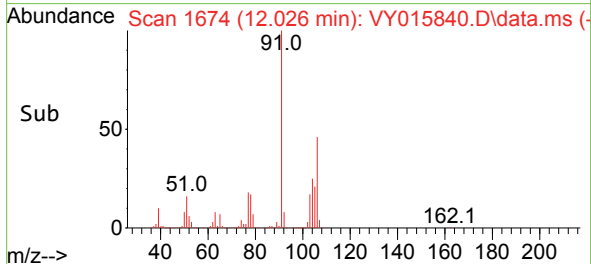
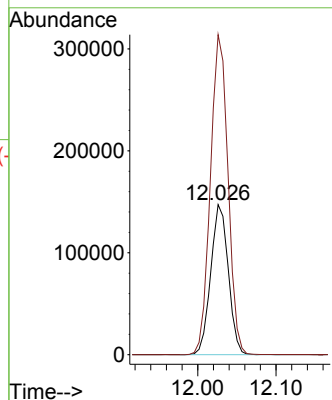
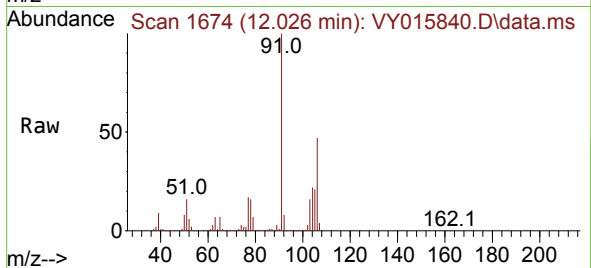
ClientSampleId :

Tgt Ion:106 Resp: 228834

Ion Ratio Lower Upper

106 100

91 213.9 108.1 324.3



#70

Styrene

Concen: 56.090 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

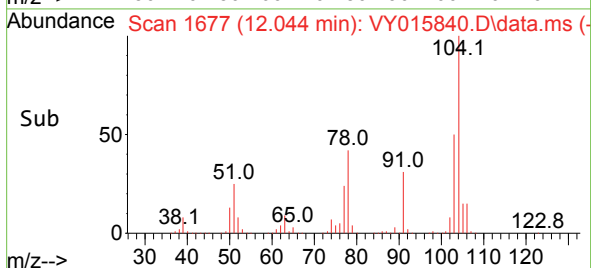
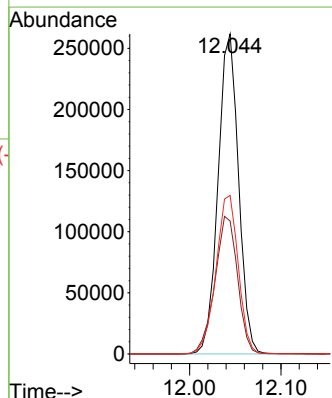
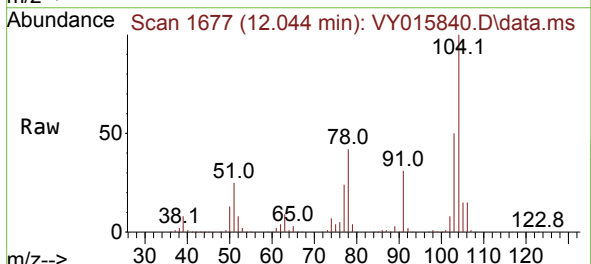
Tgt Ion:104 Resp: 408072

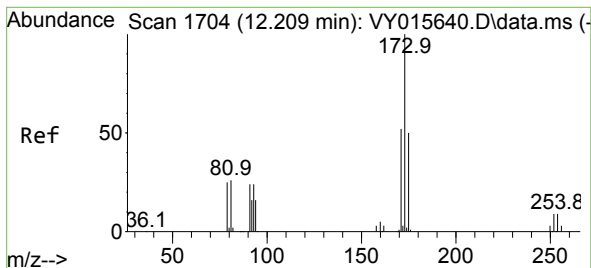
Ion Ratio Lower Upper

104 100

78 47.7 41.5 62.3

103 54.1 44.6 67.0





#71

Bromoform

Concen: 63.735 ug/l

RT: 12.209 min Scan# 117051

Delta R.T. -0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

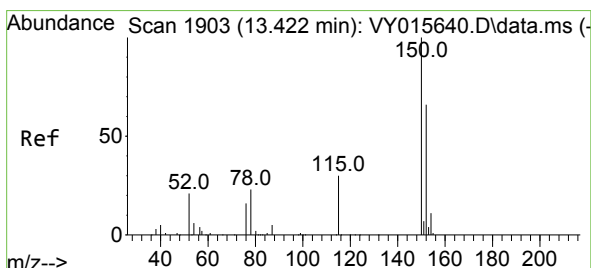
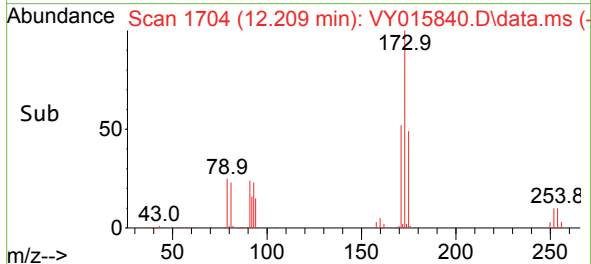
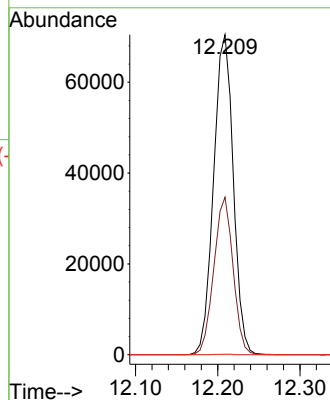
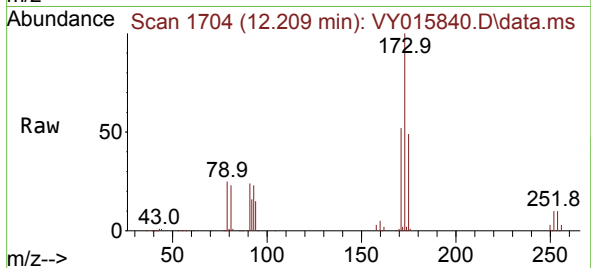
Tgt Ion:173 Resp: 117051

Ion Ratio Lower Upper

173 100

175 48.1 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: VY015840.D

Acq: 04 Oct 2023 20:10

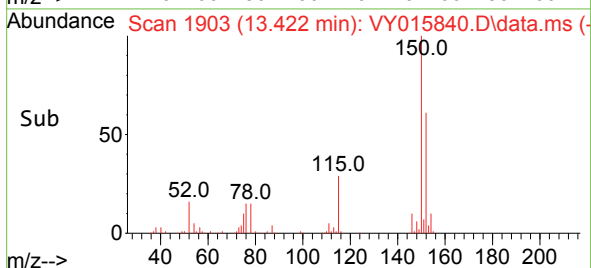
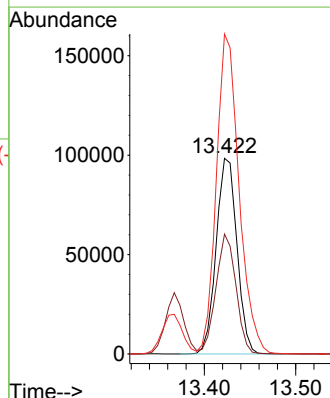
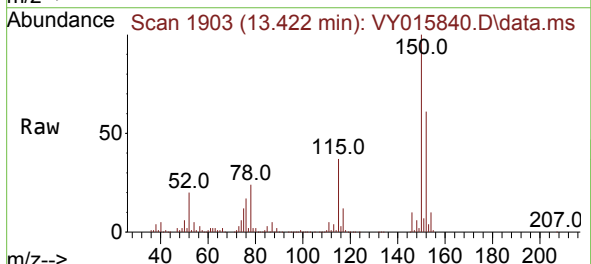
Tgt Ion:152 Resp: 155707

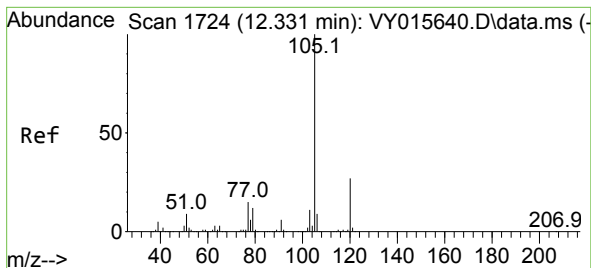
Ion Ratio Lower Upper

152 100

115 59.1 28.8 86.5

150 178.7 0.0 348.8





#73

Isopropylbenzene

Concen: 52.116 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

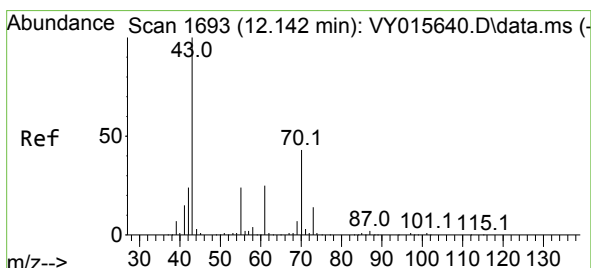
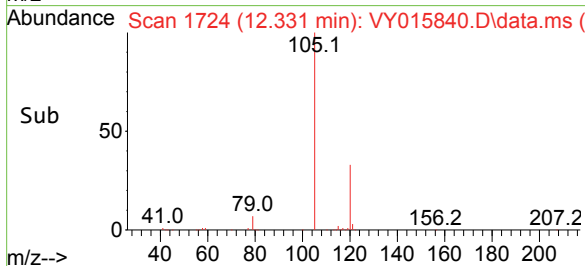
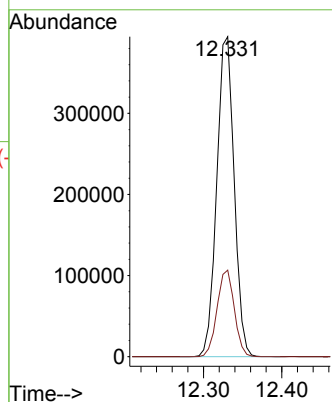
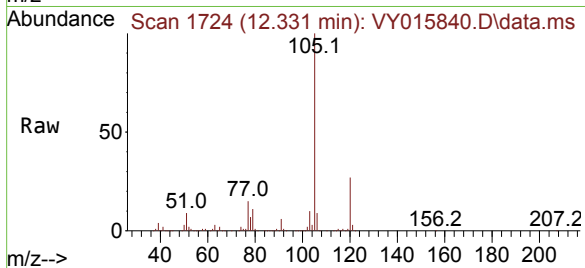
ClientSampleId :

Tgt Ion:105 Resp: 608751

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 61.103 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Tgt Ion: 43 Resp: 268252

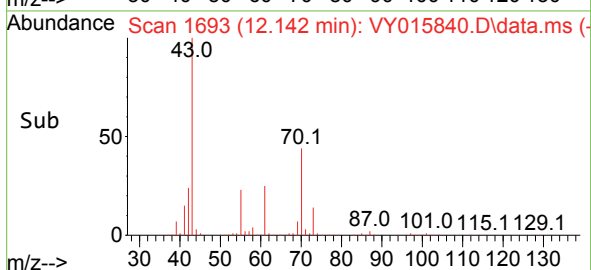
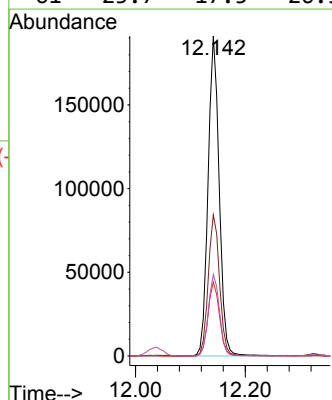
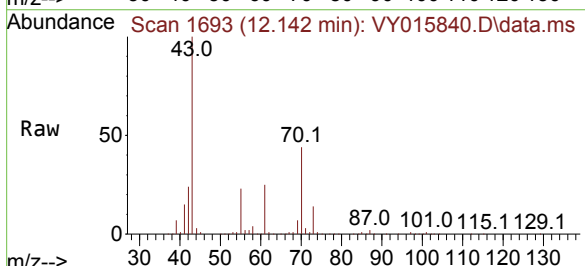
Ion Ratio Lower Upper

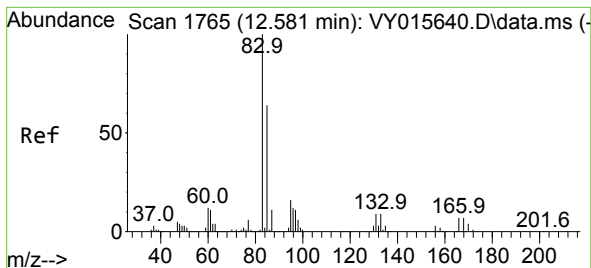
43 100

70 44.9 29.7 44.5#

55 23.8 18.3 27.5

61 25.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 59.413 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

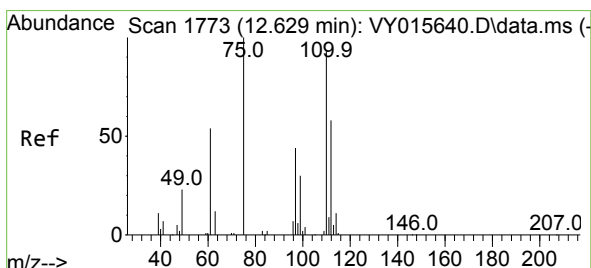
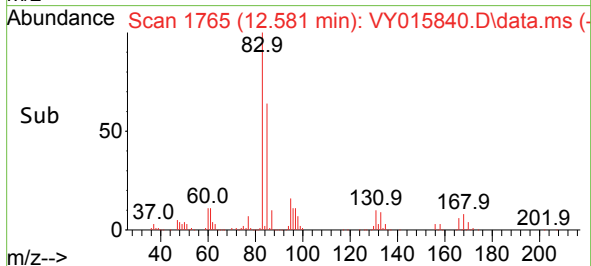
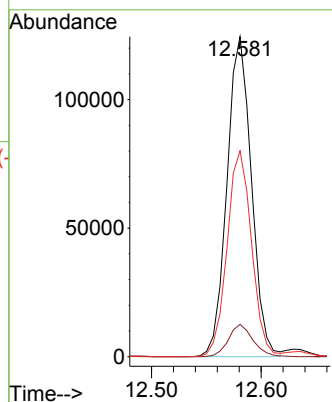
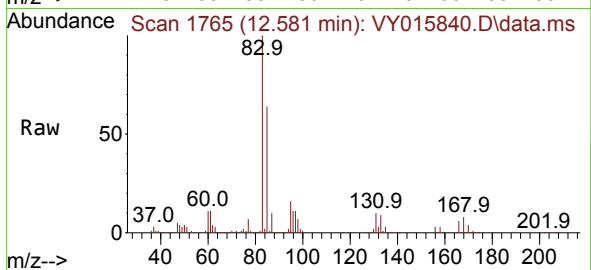
Tgt Ion: 83 Resp: 193144

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 104.334 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY015840.D

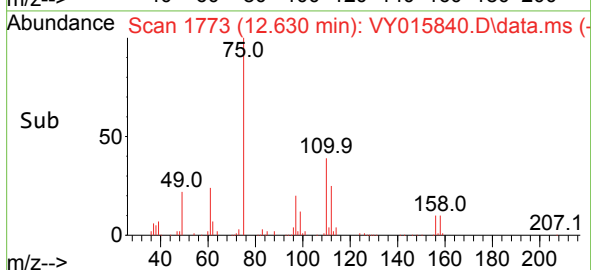
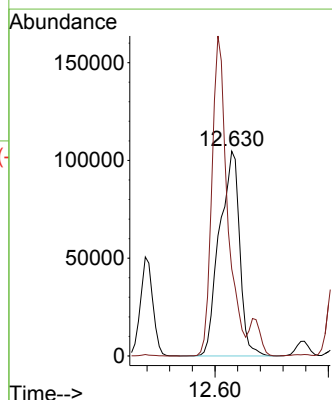
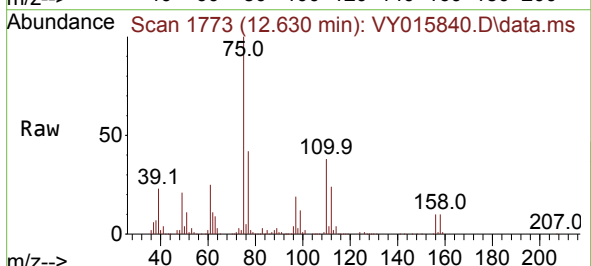
Acq: 04 Oct 2023 20:10

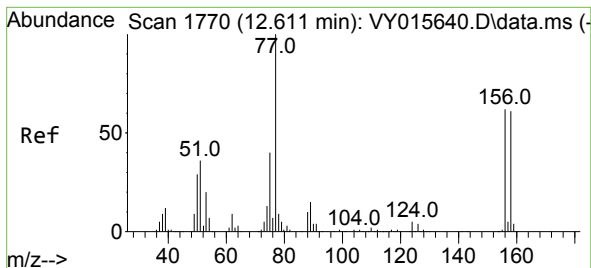
Tgt Ion: 75 Resp: 259171

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.851 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

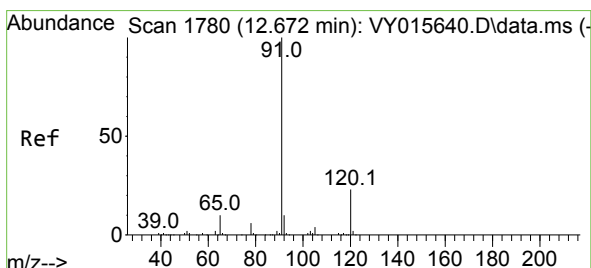
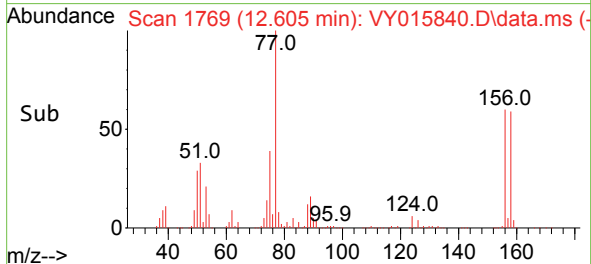
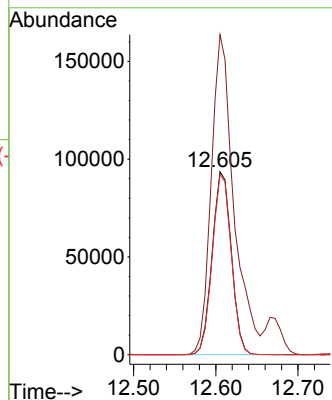
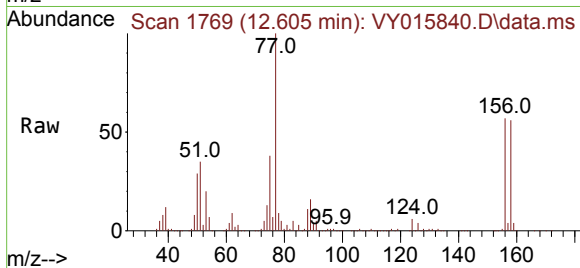
Tgt Ion:156 Resp: 151537

Ion Ratio Lower Upper

156 100

77 206.4 92.8 278.6

158 97.8 48.4 145.3



#78

n-propylbenzene

Concen: 51.998 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015840.D

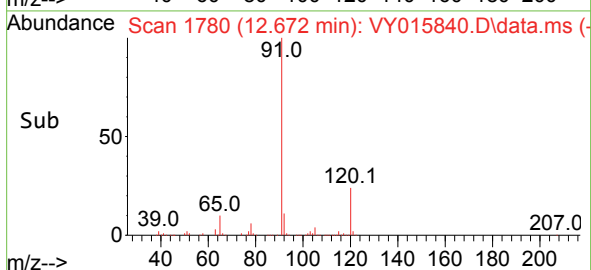
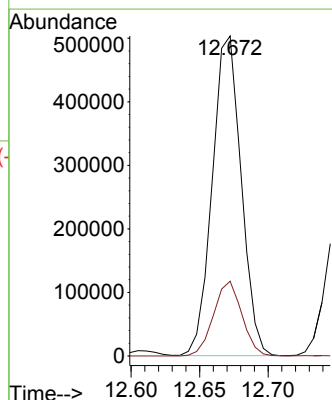
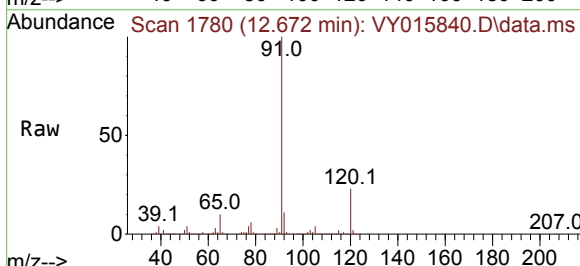
Acq: 04 Oct 2023 20:10

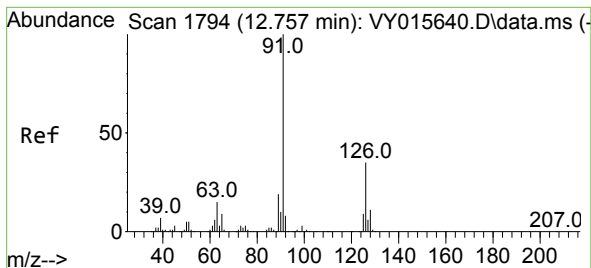
Tgt Ion: 91 Resp: 737872

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.650 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

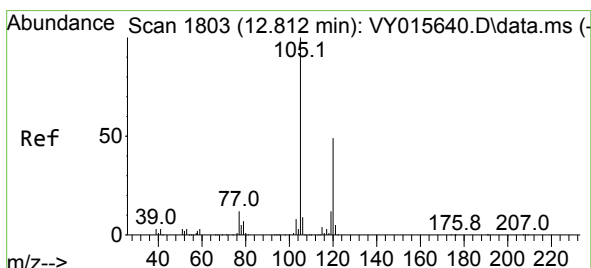
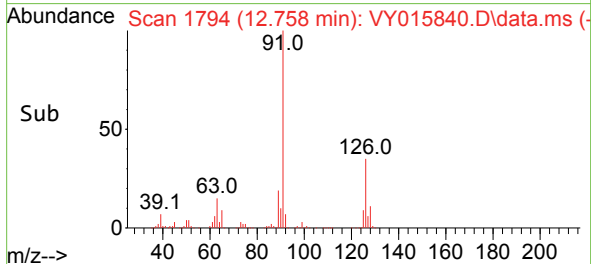
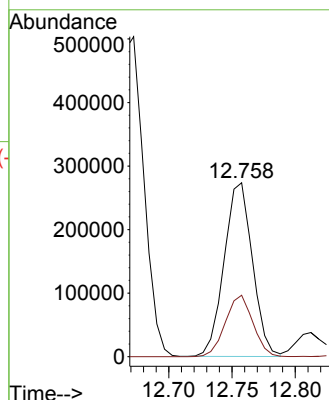
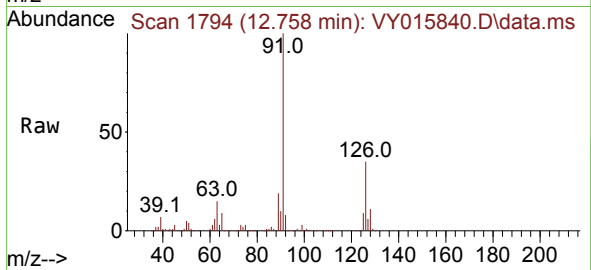
ClientSampleId :

Tgt Ion: 91 Resp: 425872

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 52.778 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015840.D

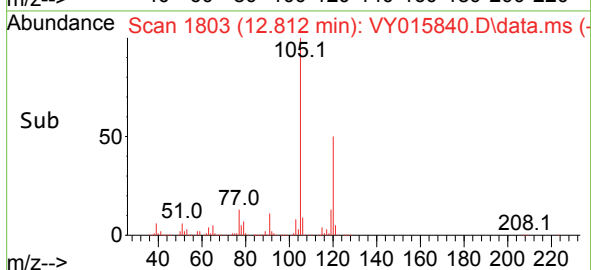
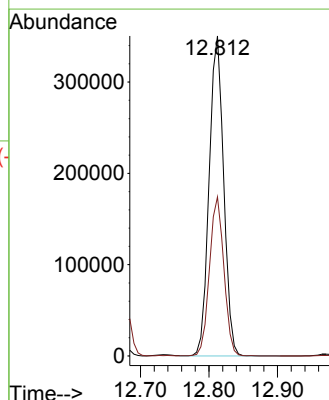
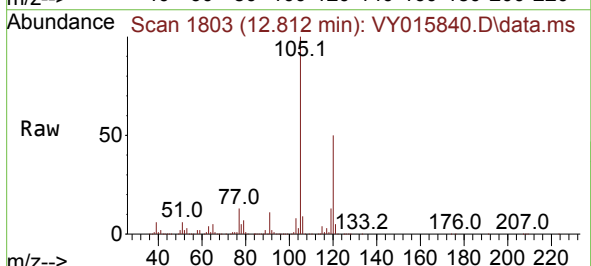
Acq: 04 Oct 2023 20:10

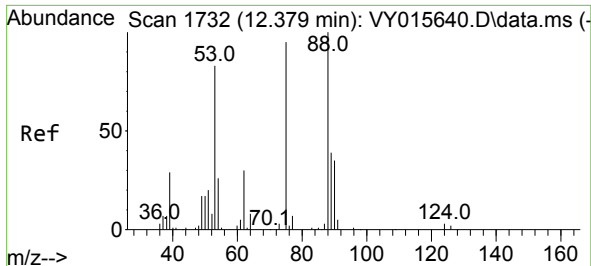
Tgt Ion:105 Resp: 516103

Ion Ratio Lower Upper

105 100

120 49.4 23.9 71.7

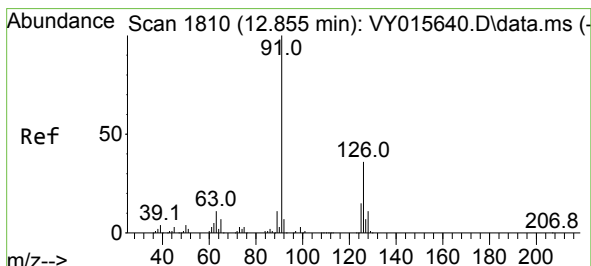
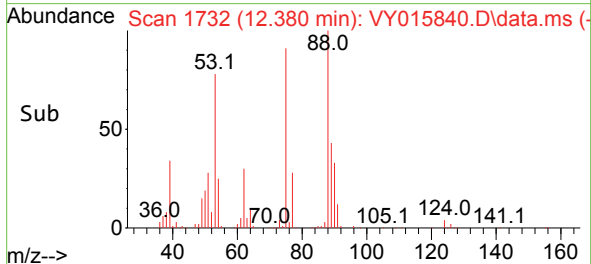
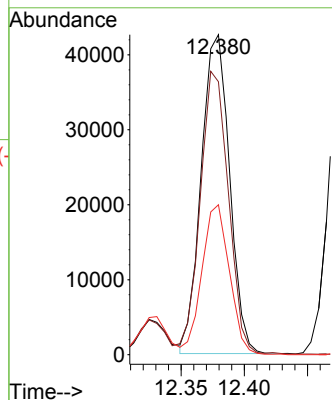
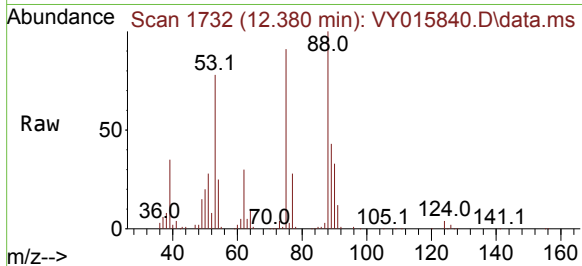




#81
trans-1,4-Dichloro-2-butene
Concen: 60.180 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

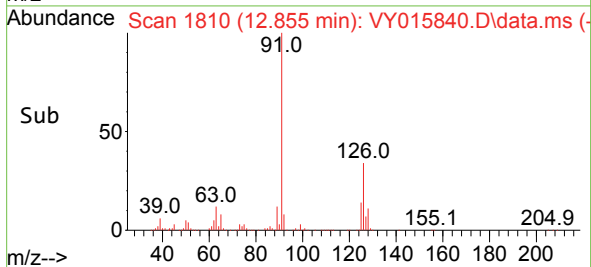
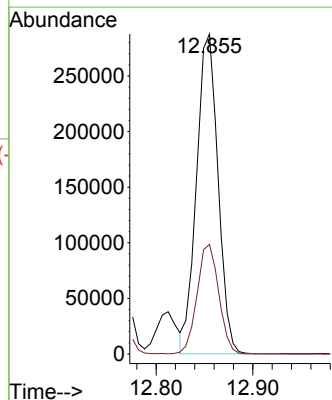
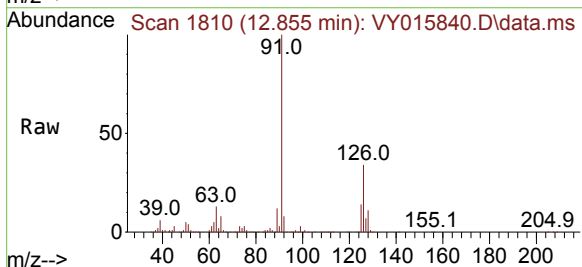
Instrument :
MSVOA_Y
ClientSampleId :

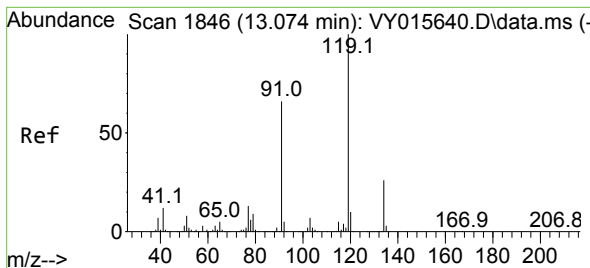
Tgt Ion: 75 Resp: 66384
Ion Ratio Lower Upper
75 100
53 89.5 77.8 116.8
89 45.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.630 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015840.D
Acq: 04 Oct 2023 20:10

Tgt Ion: 91 Resp: 444416
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 53.833 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

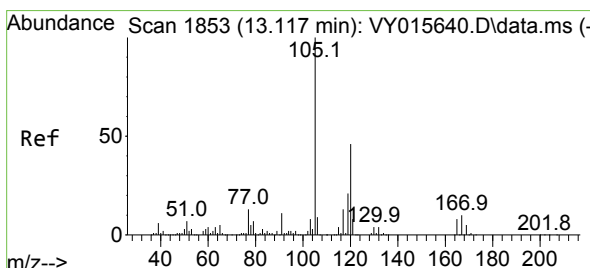
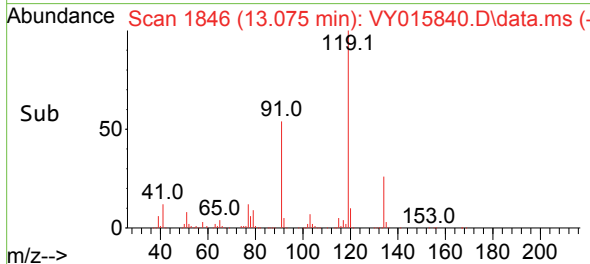
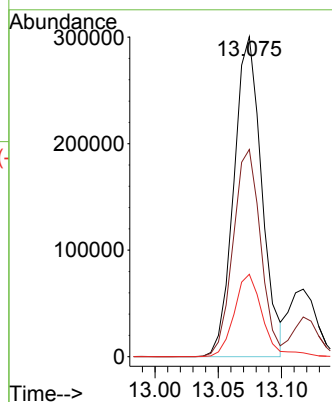
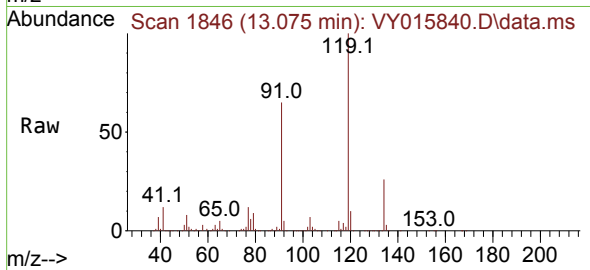
Tgt Ion:119 Resp: 461055

Ion Ratio Lower Upper

119 100

91 64.1 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 53.329 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015840.D

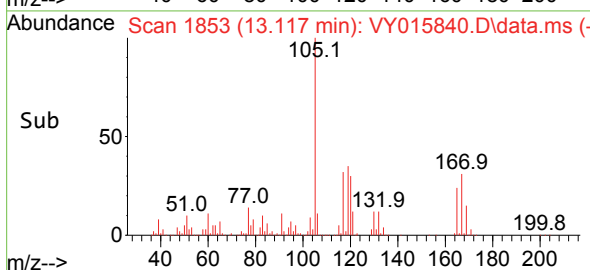
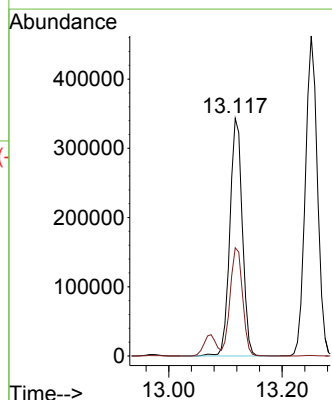
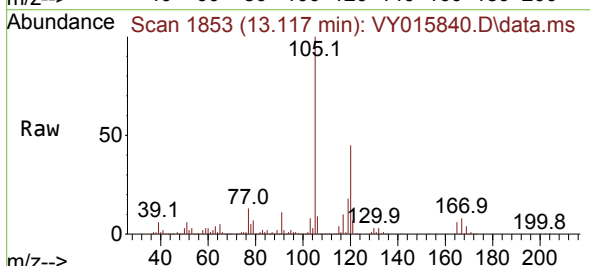
Acq: 04 Oct 2023 20:10

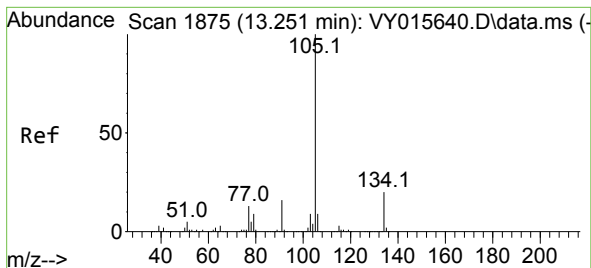
Tgt Ion:105 Resp: 521787

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 53.379 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

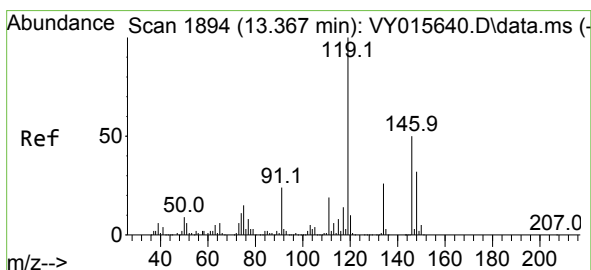
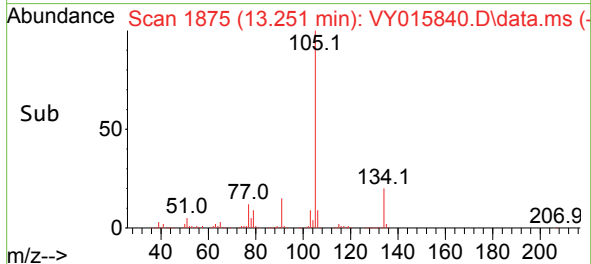
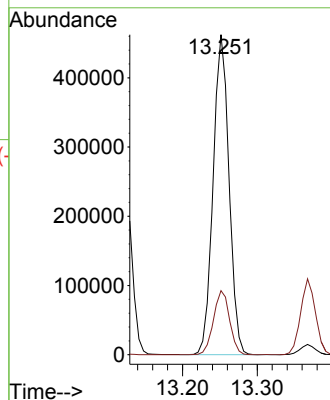
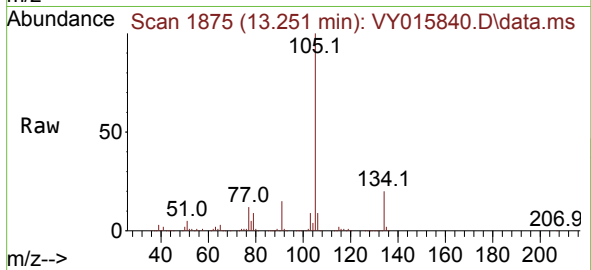
ClientSampleId :

Tgt Ion:105 Resp: 684161

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 53.419 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

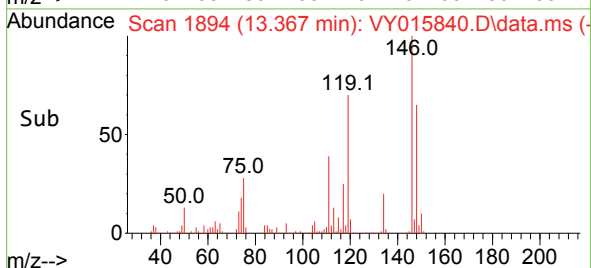
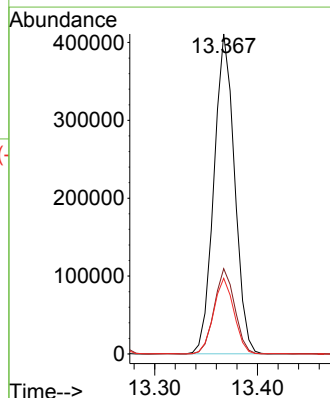
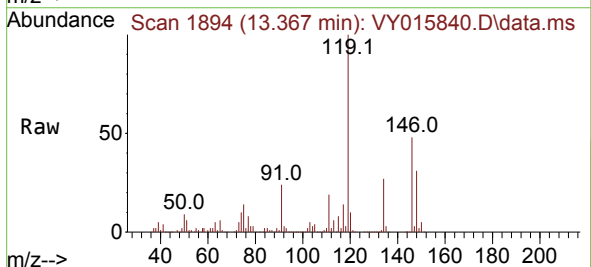
Tgt Ion:119 Resp: 571921

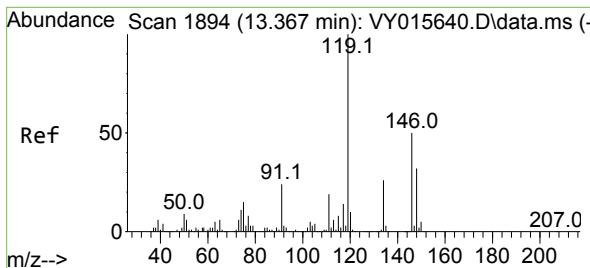
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 53.210 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

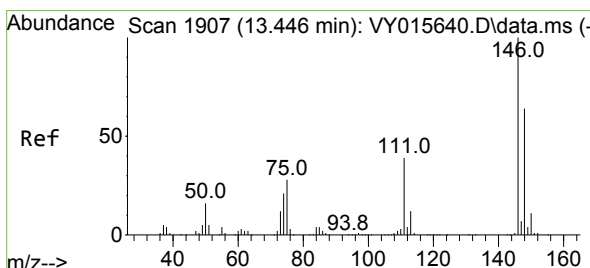
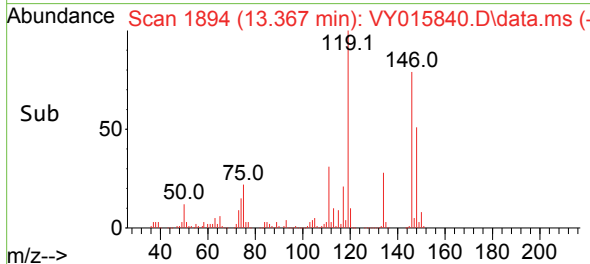
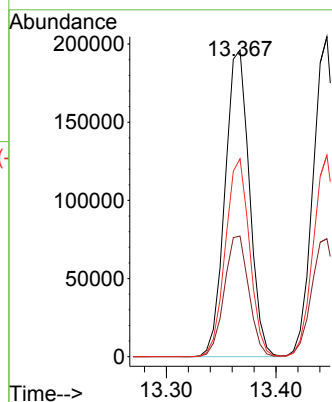
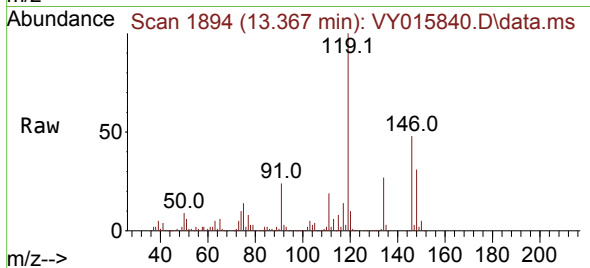
Tgt Ion:146 Resp: 302672

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 53.970 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

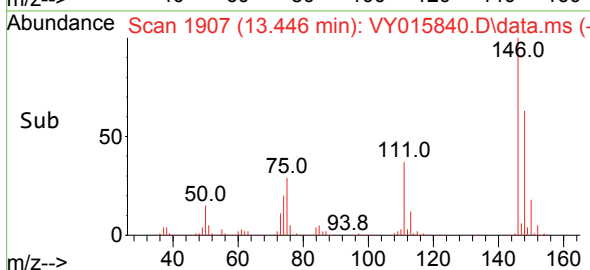
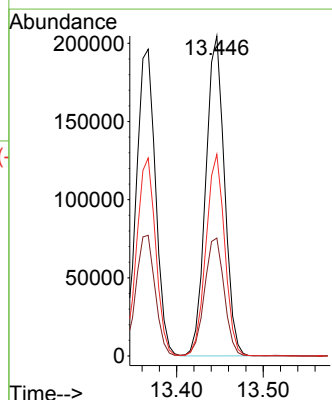
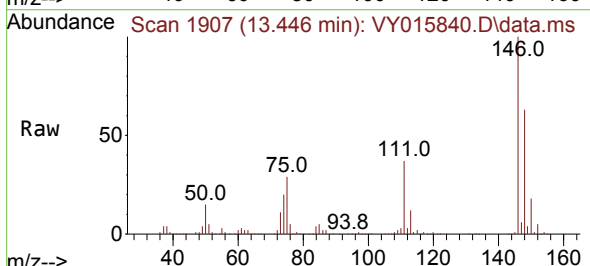
Tgt Ion:146 Resp: 307036

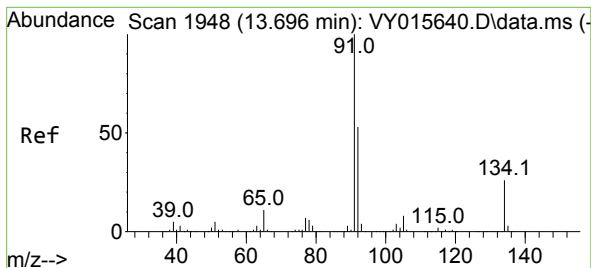
Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.7

148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 53.163 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

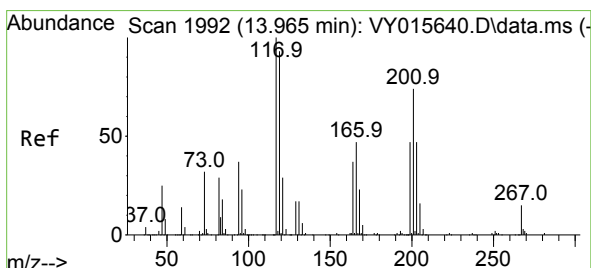
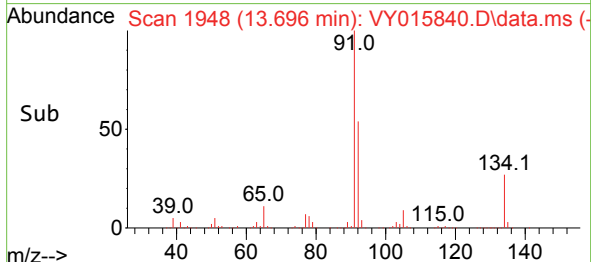
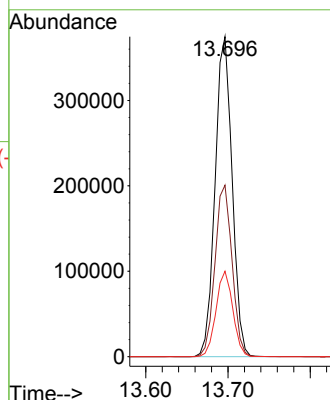
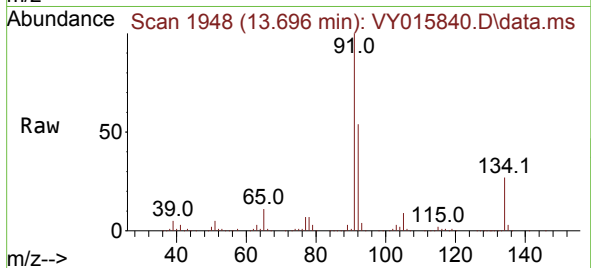
Tgt Ion: 91 Resp: 538977

Ion Ratio Lower Upper

91 100

92 53.8 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 53.527 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015840.D

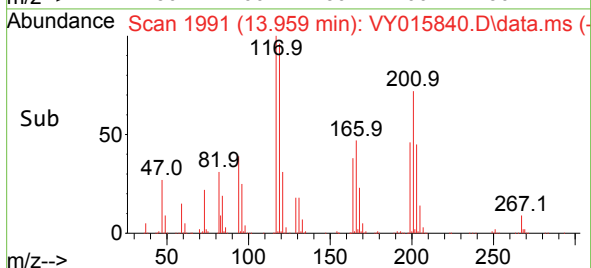
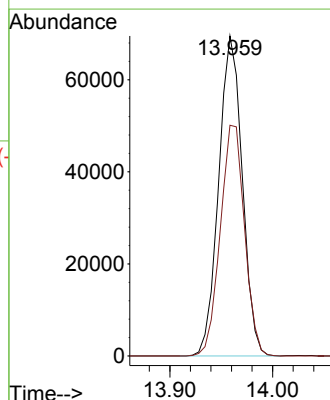
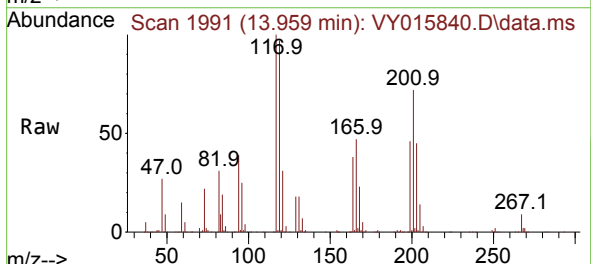
Acq: 04 Oct 2023 20:10

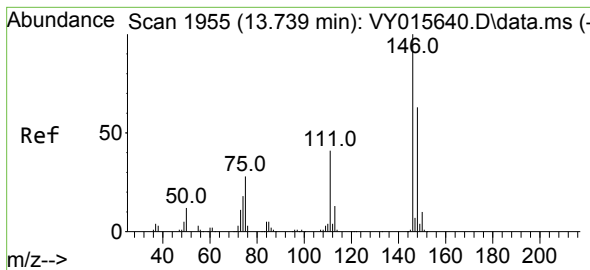
Tgt Ion: 117 Resp: 110604

Ion Ratio Lower Upper

117 100

201 74.3 41.6 124.8

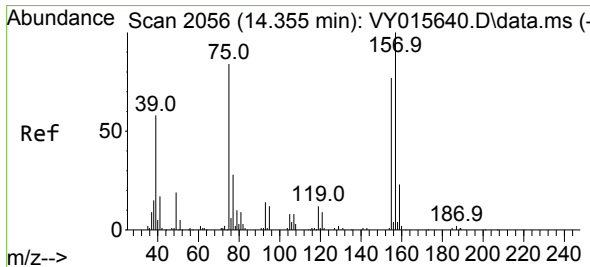
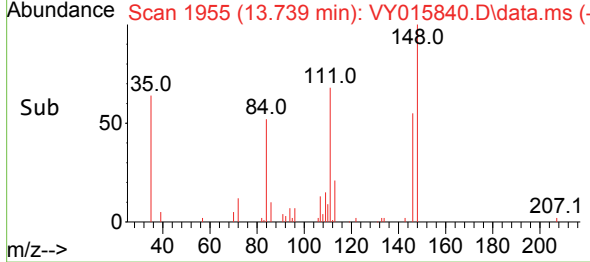
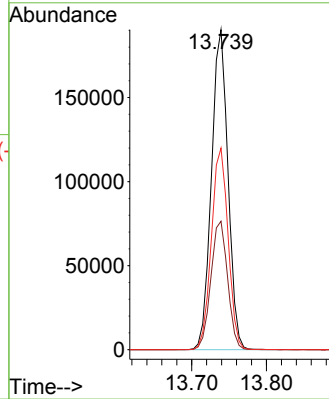
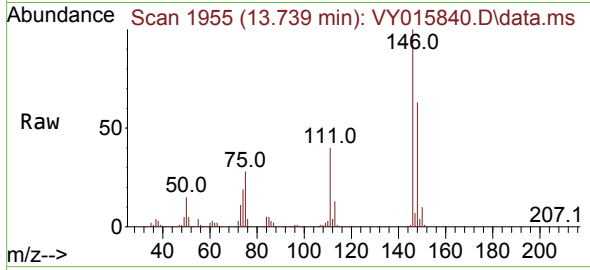




#91
 1,2-Dichlorobenzene
 Concen: 55.688 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY015840.D
 Acq: 04 Oct 2023 20:10

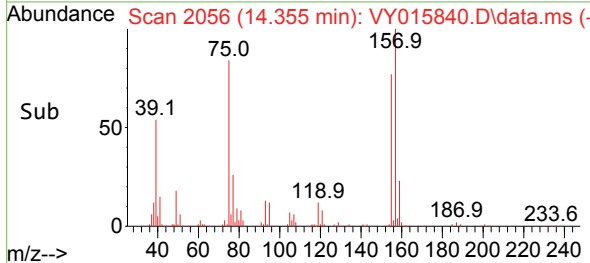
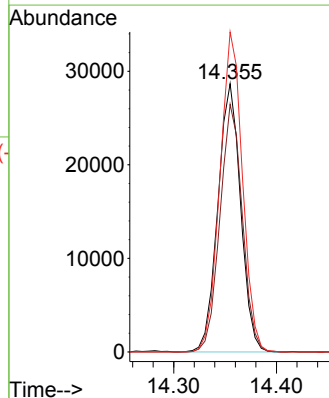
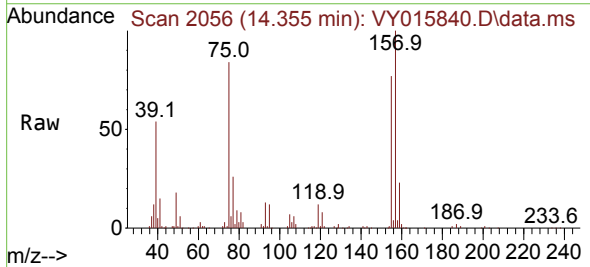
Instrument :
 MSVOA_Y
 ClientSampleId :

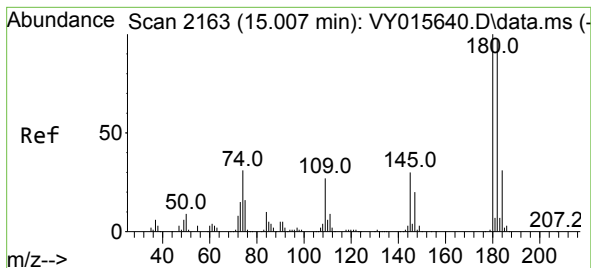
Tgt Ion:146 Resp: 292414
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.7 59.0
 148 63.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 68.062 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY015840.D
 Acq: 04 Oct 2023 20:10

Tgt Ion: 75 Resp: 43944
 Ion Ratio Lower Upper
 75 100
 155 90.7 41.5 124.6
 157 118.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 57.061 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

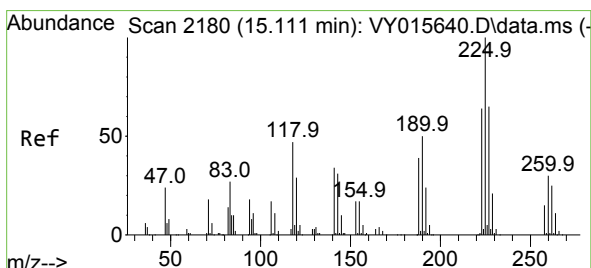
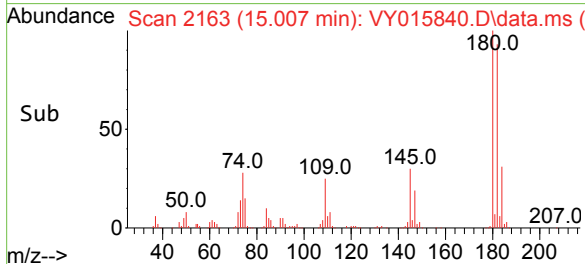
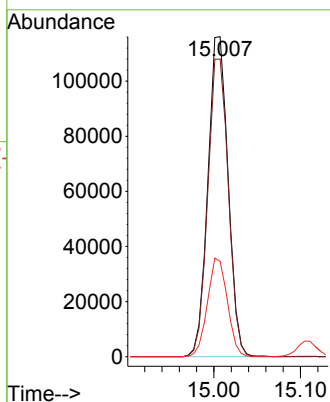
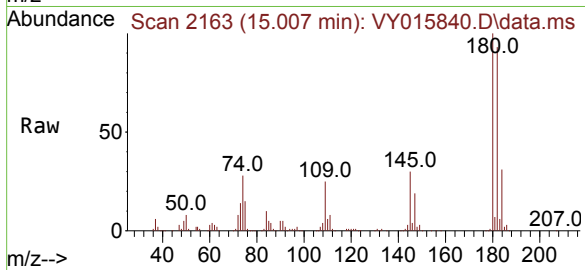
Tgt Ion:180 Resp: 188624

Ion Ratio Lower Upper

180 100

182 94.2 47.0 141.2

145 30.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 55.310 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

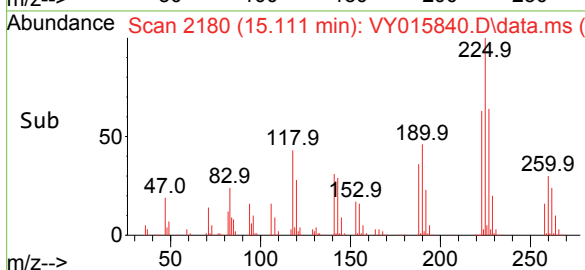
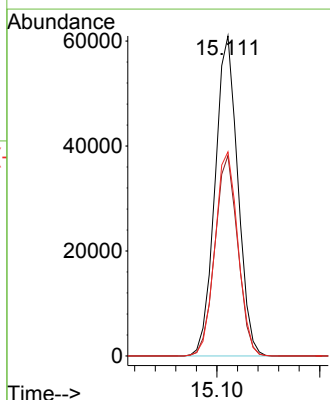
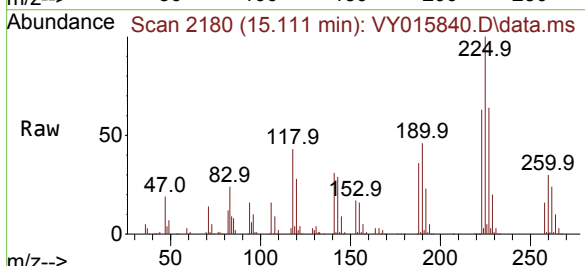
Tgt Ion:225 Resp: 93632

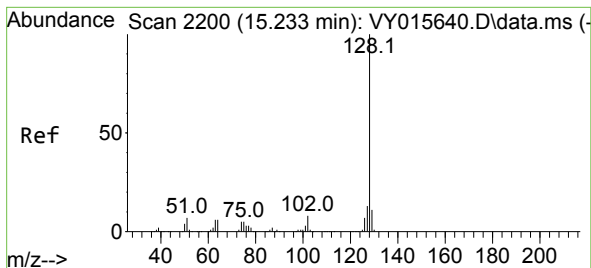
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.9

227 64.5 33.0 98.9





#95

Naphthalene

Concen: 66.195 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Instrument :

MSVOA_Y

ClientSampleId :

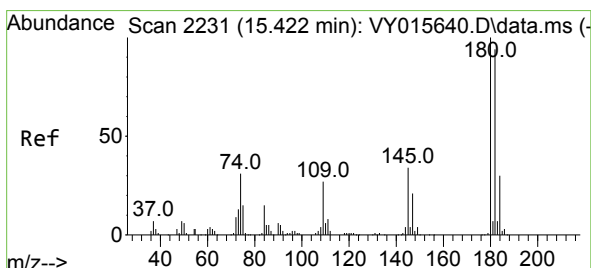
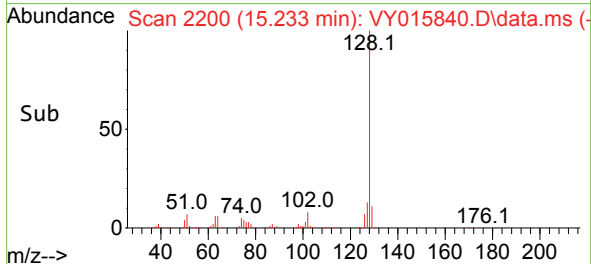
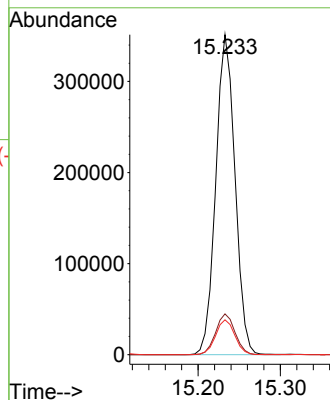
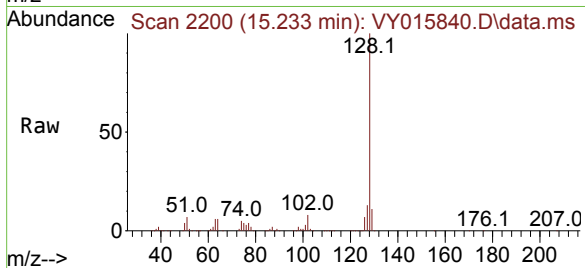
Tgt Ion:128 Resp: 570575

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 58.472 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015840.D

Acq: 04 Oct 2023 20:10

Tgt Ion:180 Resp: 178403

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 32.3 15.4 46.2

