

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101123\
 Data File : VY015913.D
 Acq On : 11 Oct 2023 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 12 01:53:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	188676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	303843	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	270880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	79618	46.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.800%
35) Dibromofluoromethane	7.716	113	84481	49.848	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.700%
50) Toluene-d8	10.179	98	283252	50.712	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.483	95	109288	48.173	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	38595	51.142	ug/l	96
3) Chloromethane	2.113	50	42508	55.068	ug/l	97
4) Vinyl Chloride	2.253	62	53969	54.818	ug/l	100
5) Bromomethane	2.650	94	42283	52.377	ug/l	98
6) Chloroethane	2.790	64	41476	53.650	ug/l	98
7) Trichlorofluoromethane	3.125	101	109620	52.474	ug/l	100
8) Diethyl Ether	3.534	74	45903	51.939	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	74149	52.301	ug/l	95
10) Methyl Iodide	4.088	142	72298	50.701	ug/l	96
11) Tert butyl alcohol	4.954	59	53601	131.745	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	59153	54.244	ug/l	85
13) Acrolein	3.735	56	22176	213.719	ug/l	100
14) Allyl chloride	4.479	41	106554	52.996	ug/l	91
15) Acrylonitrile	5.161	53	145092	238.742	ug/l	97
16) Acetone	3.948	43	159022	210.361	ug/l #	87
17) Carbon Disulfide	4.198	76	84536	51.758	ug/l	99
18) Methyl Acetate	4.479	43	113868	49.475	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	244354	49.447	ug/l	99
20) Methylene Chloride	4.716	84	90844	51.835	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	68914	54.460	ug/l	94
22) Diisopropyl ether	6.118	45	276838	51.477	ug/l	91
23) Vinyl Acetate	6.058	43	736139	248.929	ug/l	95
24) 1,1-Dichloroethane	6.021	63	153840	51.931	ug/l	97
25) 2-Butanone	6.984	43	208029	223.376	ug/l	93
26) 2,2-Dichloropropane	6.984	77	137683	49.976	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	98188	52.573	ug/l	93
28) Bromochloromethane	7.338	49	89857	52.629	ug/l	92
29) Tetrahydrofuran	7.350	42	118643	232.877	ug/l	91
30) Chloroform	7.508	83	168626	51.033	ug/l	97
31) Cyclohexane	7.783	56	87962	48.378	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	140625	52.112	ug/l	97
36) 1,1-Dichloropropene	7.917	75	101375	54.010	ug/l	99
37) Ethyl Acetate	7.076	43	77162	47.867	ug/l	96
38) Carbon Tetrachloride	7.905	117	121197	53.766	ug/l	99
39) Methylcyclohexane	9.185	83	100329	52.623	ug/l	93
40) Benzene	8.161	78	319334	54.136	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	109464	109.172	ug/l	# 17
42) 1,2-Dichloroethane	8.240	62	103496	51.472	ug/l	92
43) Isopropyl Acetate	8.271	43	146095	48.960	ug/l	94
44) Trichloroethene	8.941	130	92650	54.280	ug/l	98
45) 1,2-Dichloropropane	9.216	63	91823	51.753	ug/l	98
46) Dibromomethane	9.307	93	54407	51.530	ug/l	97
47) Bromodichloromethane	9.502	83	135335	51.538	ug/l	99
48) Methyl methacrylate	9.295	41	66269	50.288	ug/l	87
49) 1,4-Dioxane	9.295	88	16669	908.197	ug/l	# 56
51) 4-Methyl-2-Pentanone	10.069	43	426740	239.034	ug/l	91
52) Toluene	10.246	92	208966	53.369	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	138734	52.260	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	151692	52.604	ug/l	# 88
55) 1,1,2-Trichloroethane	10.648	97	85483	50.846	ug/l	97
56) Ethyl methacrylate	10.514	69	116570	51.073	ug/l	# 85
57) 1,3-Dichloropropane	10.794	76	138542	51.113	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	355954	255.868	ug/l	95
59) 2-Hexanone	10.831	43	320665	237.416	ug/l	89
60) Dibromochloromethane	10.990	129	103047	51.129	ug/l	100
61) 1,2-Dibromoethane	11.093	107	78193	50.924	ug/l	99
64) Tetrachloroethene	10.721	164	91770	51.913	ug/l	97
65) Chlorobenzene	11.520	112	245686	51.998	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	100780	52.185	ug/l	98
67) Ethyl Benzene	11.593	91	428344	52.843	ug/l	100
68) m/p-Xylenes	11.703	106	324366	106.196	ug/l	95
69) o-Xylene	12.032	106	161378	52.806	ug/l	97
70) Styrene	12.044	104	282927	53.062	ug/l	96
71) Bromoform	12.209	173	67824	50.433	ug/l	# 99
73) Isopropylbenzene	12.331	105	440450	51.759	ug/l	100
74) N-amyl acetate	12.148	43	133458	49.765	ug/l	# 90
75) 1,1,2,2-Tetrachloroethane	12.587	83	107140	48.556	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	136729	86.824	ug/l	# 100
77) Bromobenzene	12.611	156	106320	50.954	ug/l	98
78) n-propylbenzene	12.672	91	527188	51.516	ug/l	100
79) 2-Chlorotoluene	12.758	91	301182	51.667	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	363998	51.899	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	35232	49.611	ug/l	92
82) 4-Chlorotoluene	12.855	91	310567	51.125	ug/l	99
83) tert-Butylbenzene	13.081	119	336383	51.391	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	363173	51.420	ug/l	99
85) sec-Butylbenzene	13.257	105	488585	50.898	ug/l	100
86) p-Isopropyltoluene	13.373	119	403956	50.870	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	211899	50.441	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	212556	50.244	ug/l	99
89) n-Butylbenzene	13.703	91	381372	50.751	ug/l	96
90) Hexachloroethane	13.965	117	80515	50.523	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	195595	50.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18458	47.633	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	120690	48.226	ug/l	99
94) Hexachlorobutadiene	15.117	225	62951	46.975	ug/l	98
95) Naphthalene	15.239	128	282381	48.775	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	108278	48.639	ug/l	99

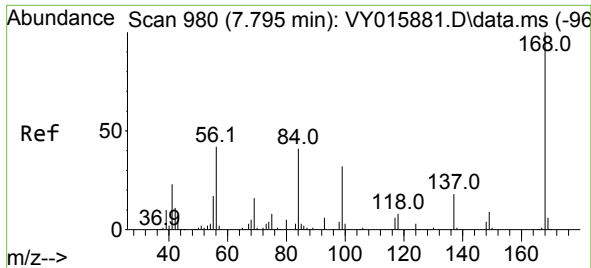
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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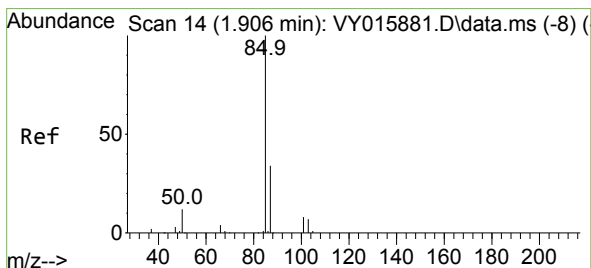
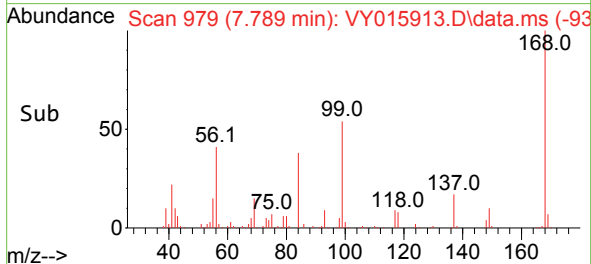
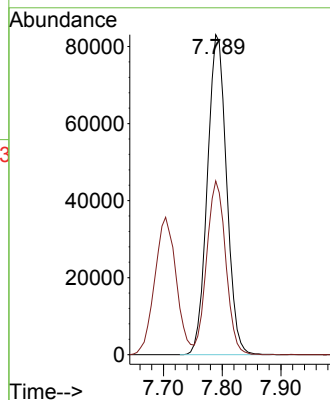
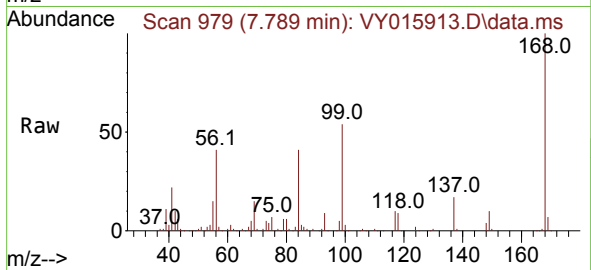
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015913.D
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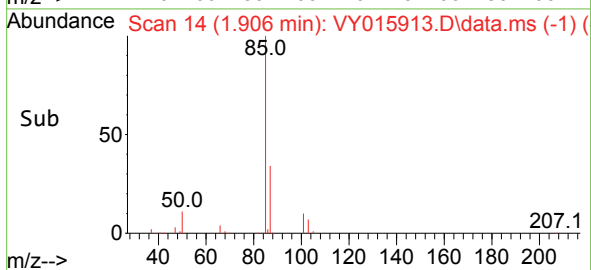
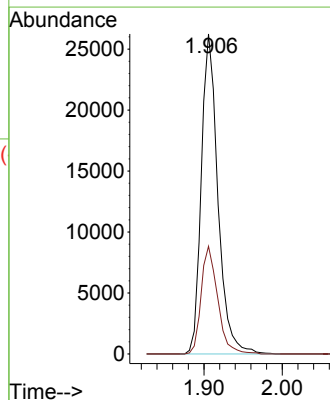
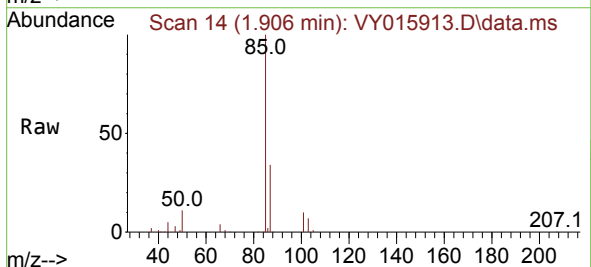
Instrument :
MSVOA_Y
ClientSampleId :

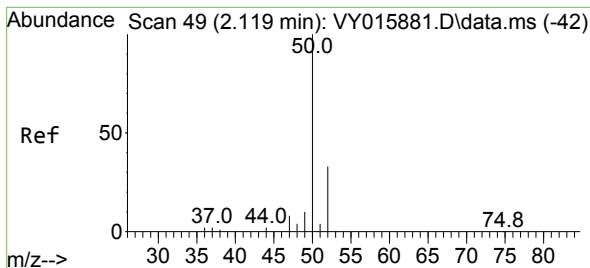
Tgt Ion:168 Resp: 188676
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 51.142 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 85 Resp: 38595
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8





#3

Chloromethane

Concen: 55.068 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

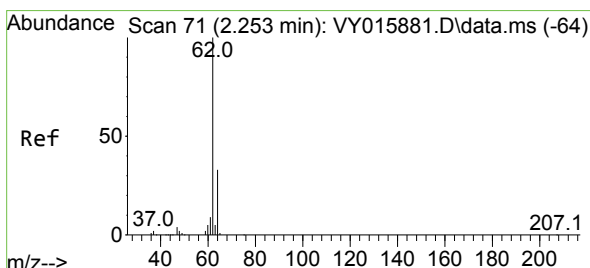
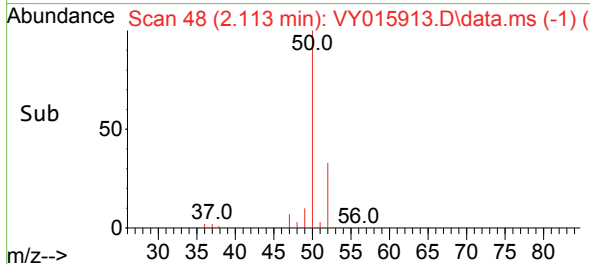
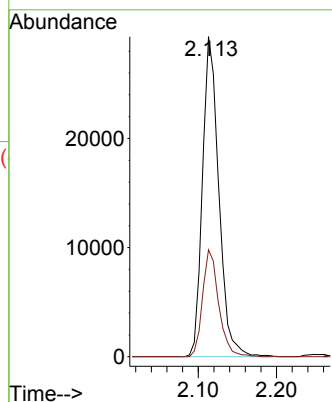
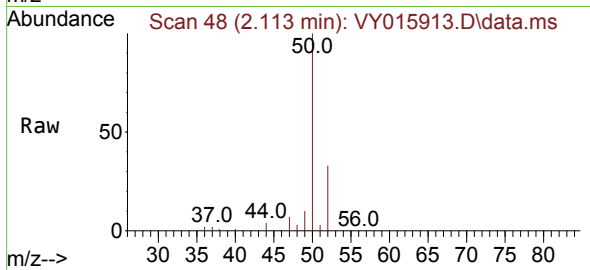
ClientSampleId :

Tgt Ion: 50 Resp: 42508

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 54.818 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY015913.D

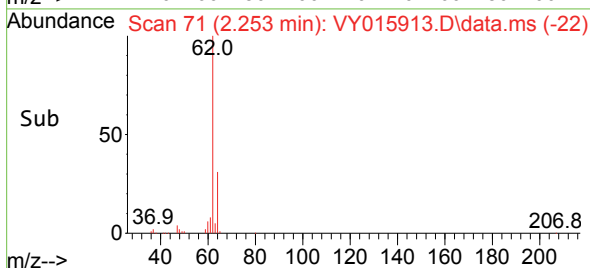
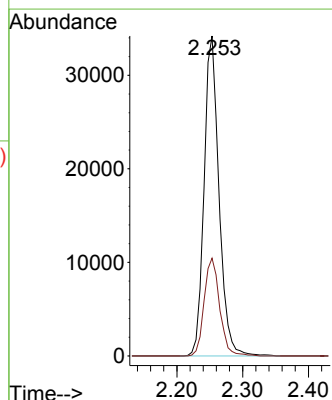
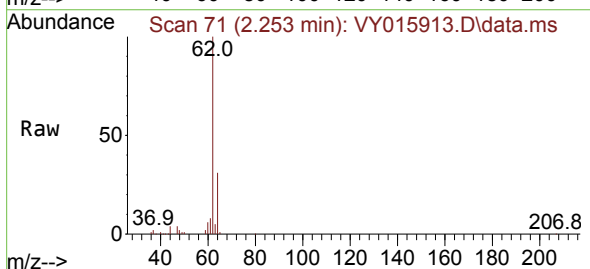
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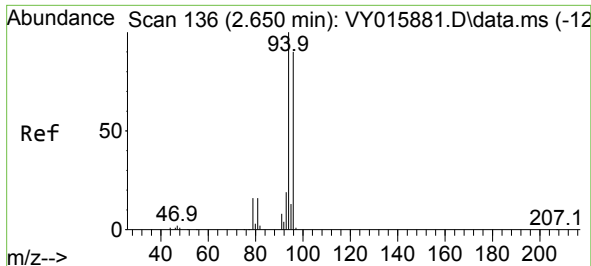
Tgt Ion: 62 Resp: 53969

Ion Ratio Lower Upper

62 100

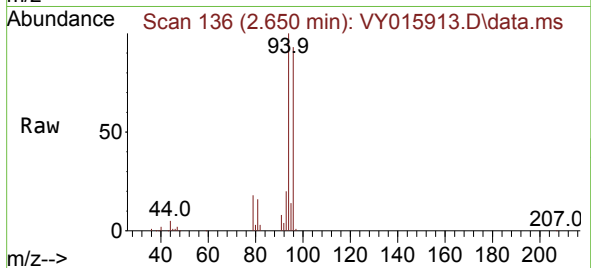
64 30.6 24.3 36.5



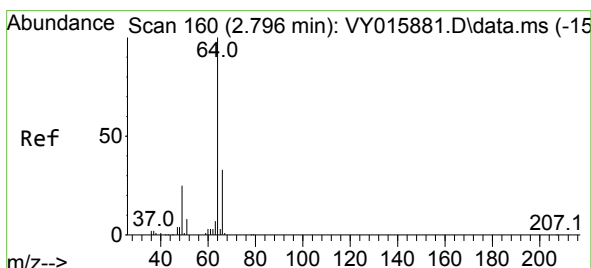
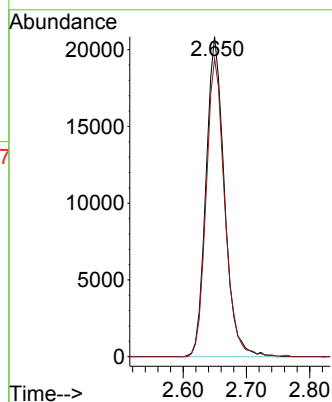
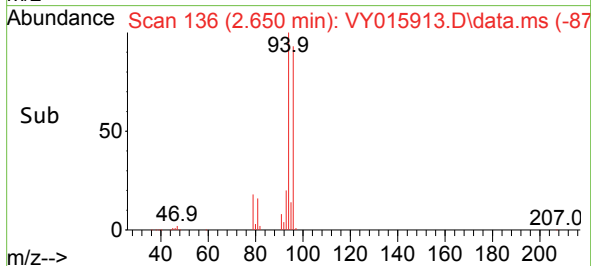


#5
Bromomethane
Concen: 52.377 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Instrument :
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ClientSampleId :

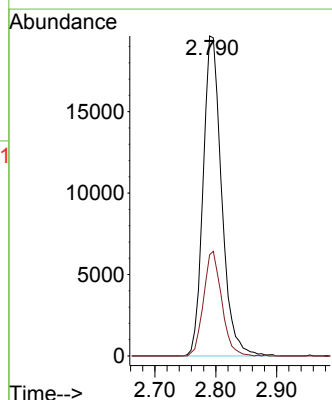
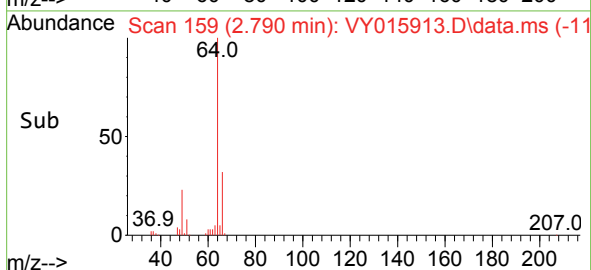
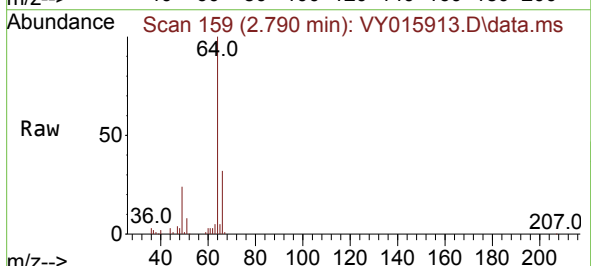


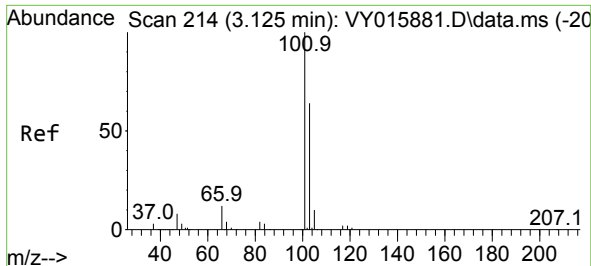
Tgt Ion: 94 Resp: 42283
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.6



#6
Chloroethane
Concen: 53.650 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 64 Resp: 41476
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6

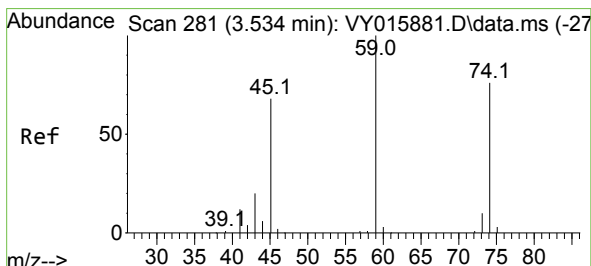
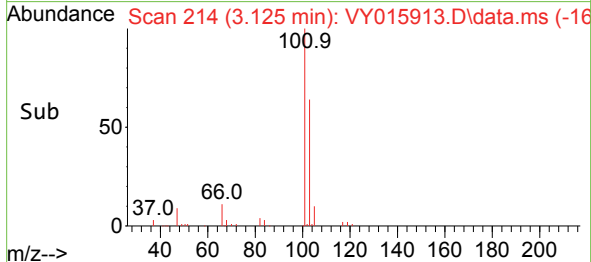
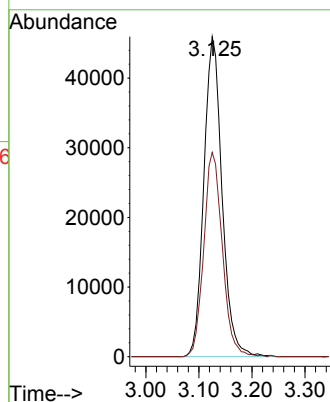
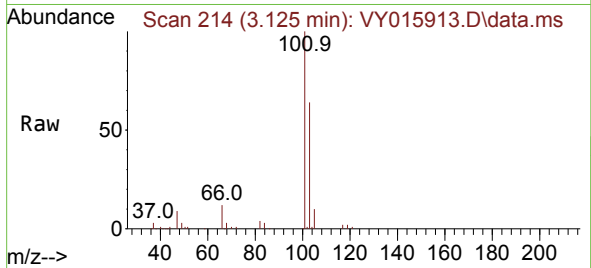




#7
 Trichlorofluoromethane
 Concen: 52.474 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY015913.D
 Acq: 11 Oct 2023 09:52

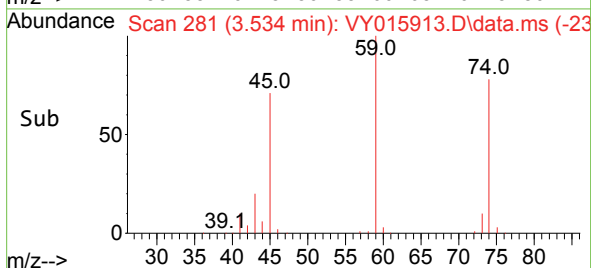
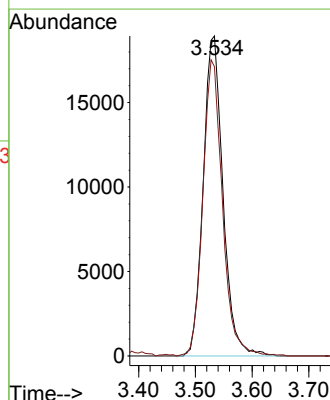
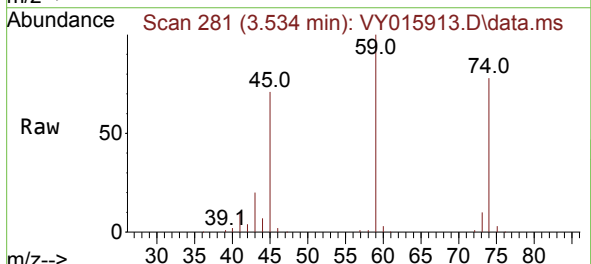
Instrument :
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 ClientSampleId :

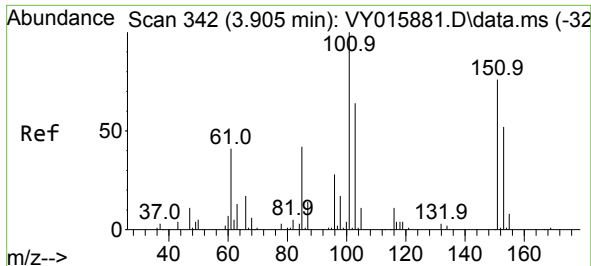
Tgt Ion:101 Resp: 109620
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.939 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY015913.D
 Acq: 11 Oct 2023 09:52

Tgt Ion: 74 Resp: 45903
 Ion Ratio Lower Upper
 74 100
 45 91.8 51.5 154.5

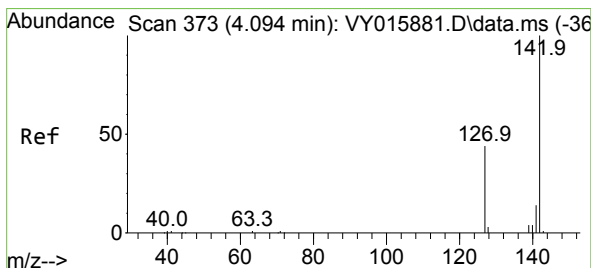
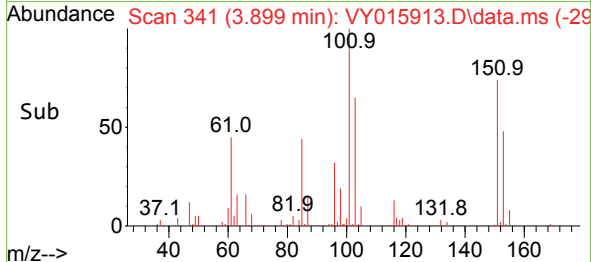
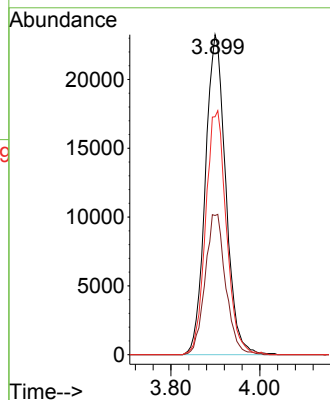
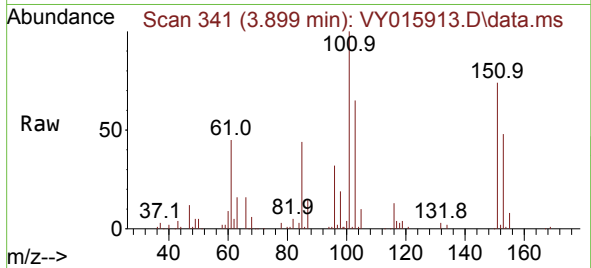




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.301 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY015913.D
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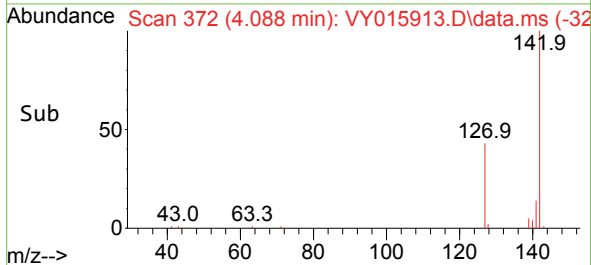
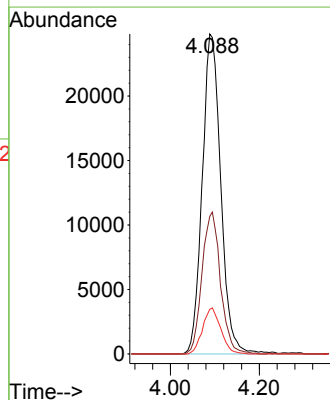
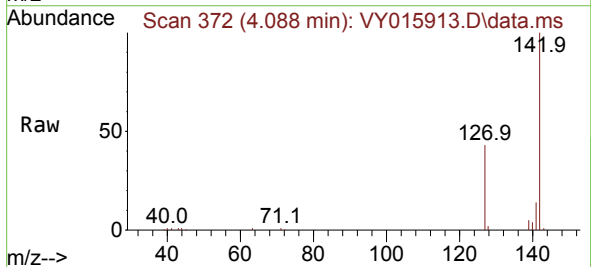
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MSVOA_Y
ClientSampleId :

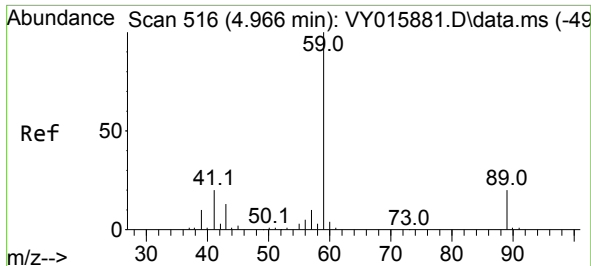
Tgt Ion:101 Resp: 74149
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 77.6 67.0 100.6



#10
Methyl Iodide
Concen: 50.701 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion:142 Resp: 72298
Ion Ratio Lower Upper
142 100
127 44.1 37.6 56.4
141 14.1 11.8 17.8





#11

Tert butyl alcohol

Concen: 131.745 ug/l

RT: 4.954 min Scan# 516

Delta R.T. -0.012 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

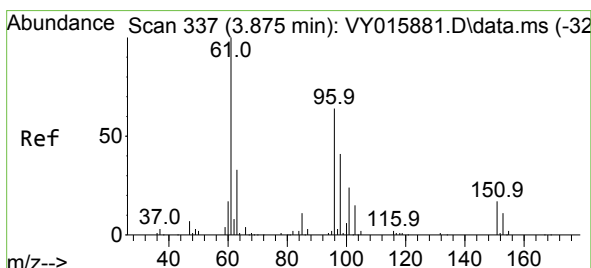
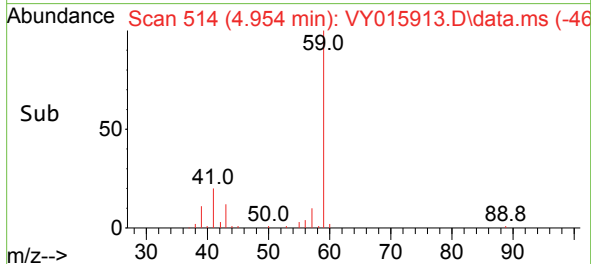
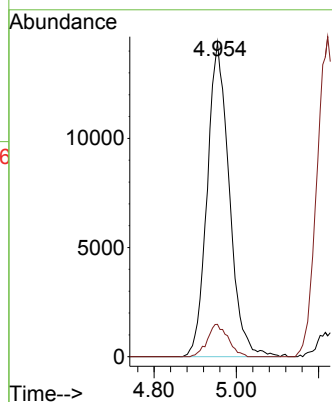
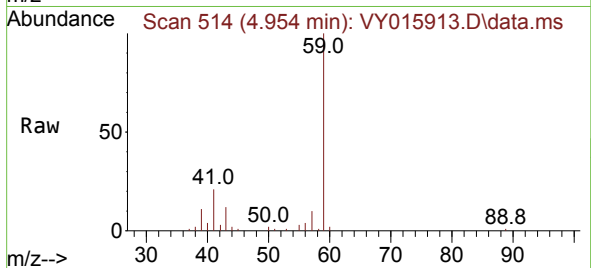
ClientSampleId :

Tgt Ion: 59 Resp: 53601

Ion Ratio Lower Upper

59 100

57 9.7 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 54.244 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

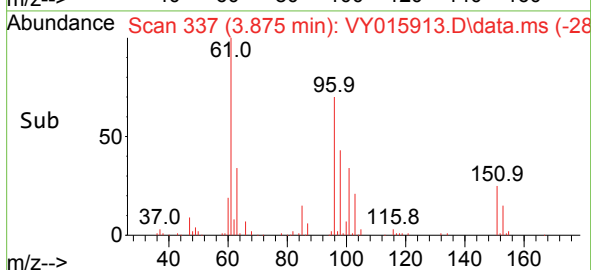
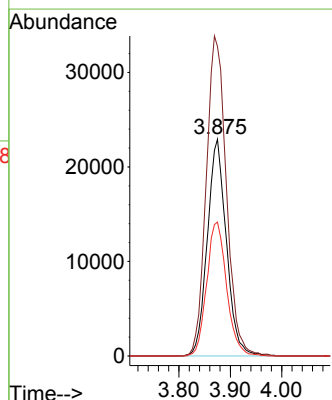
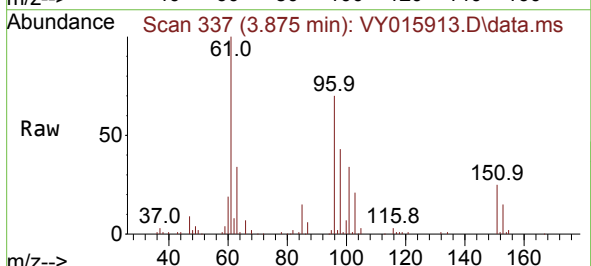
Tgt Ion: 96 Resp: 59153

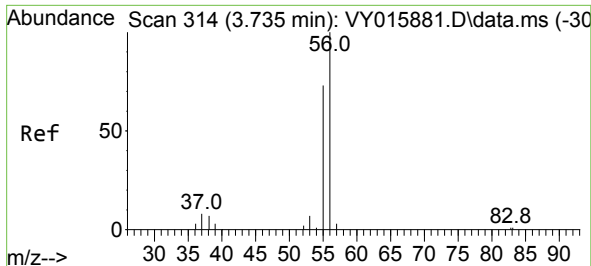
Ion Ratio Lower Upper

96 100

61 142.7 136.4 204.6

98 61.8 49.4 74.2

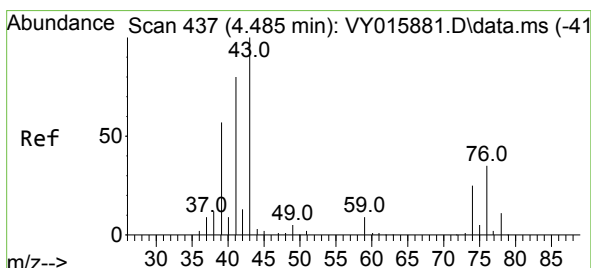
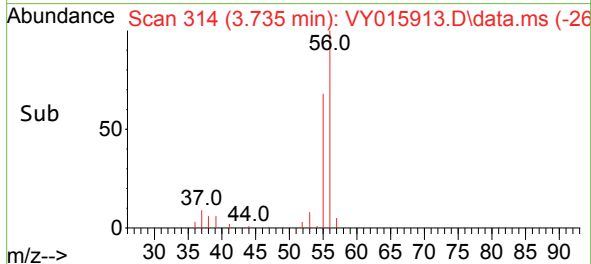
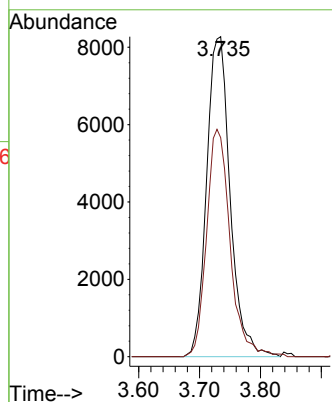
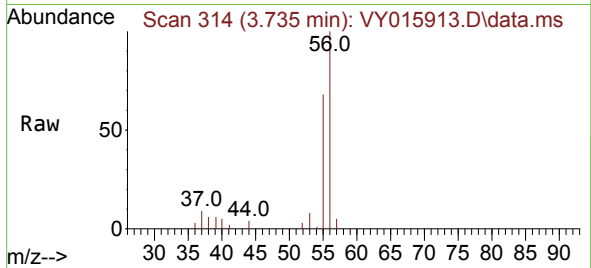




#13
Acrolein
Concen: 213.719 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

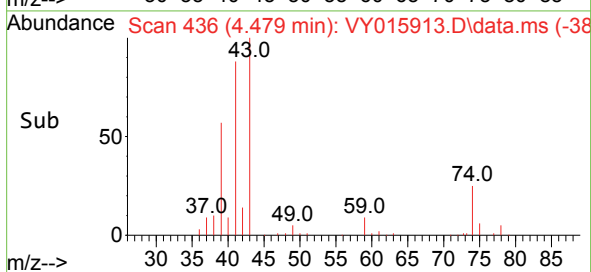
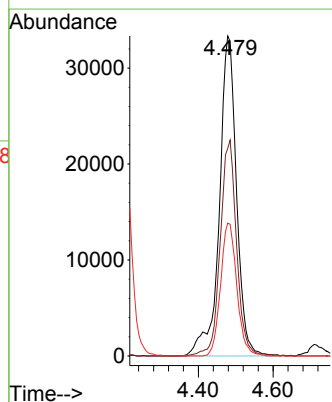
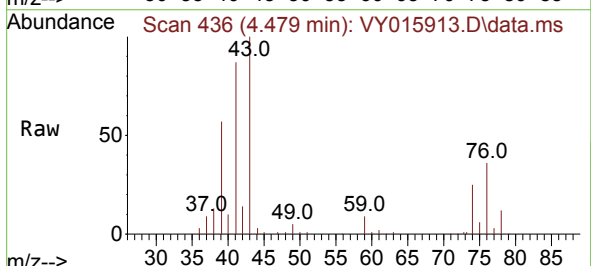
Instrument :
MSVOA_Y
ClientSampleId :

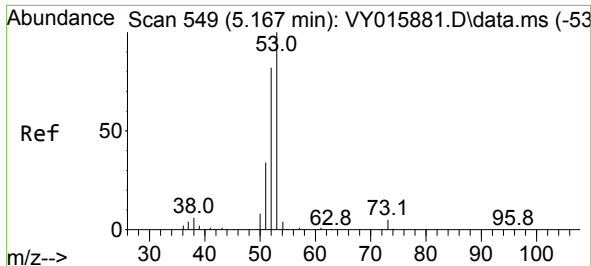
Tgt Ion: 56 Resp: 22176
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 52.996 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 41 Resp: 106554
Ion Ratio Lower Upper
41 100
39 64.3 58.0 87.0
76 39.2 27.4 41.2

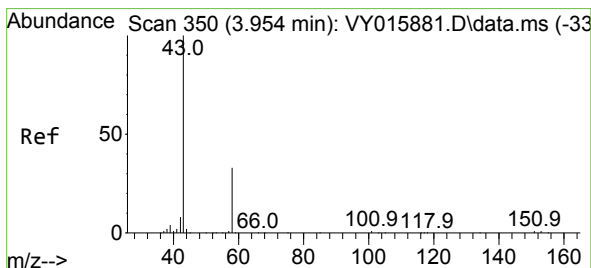
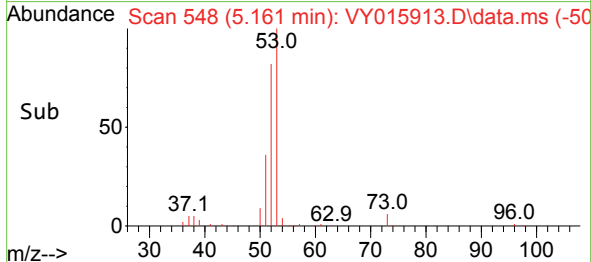
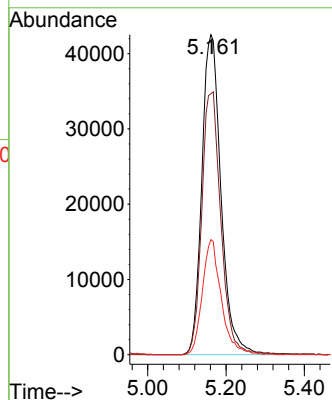
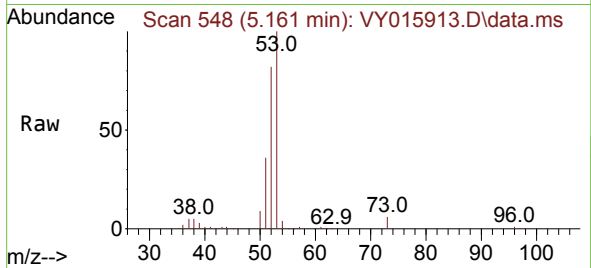




#15
Acrylonitrile
Concen: 238.742 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

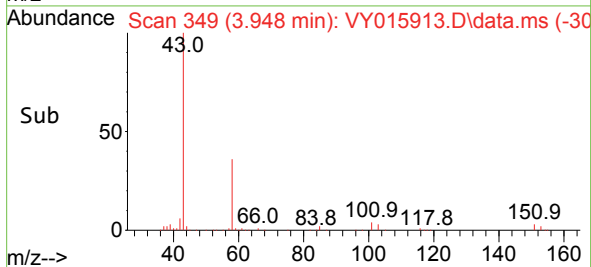
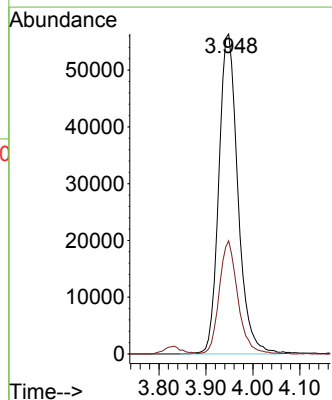
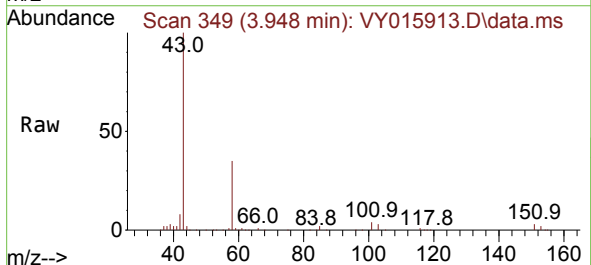
Instrument :
MSVOA_Y
ClientSampleId :

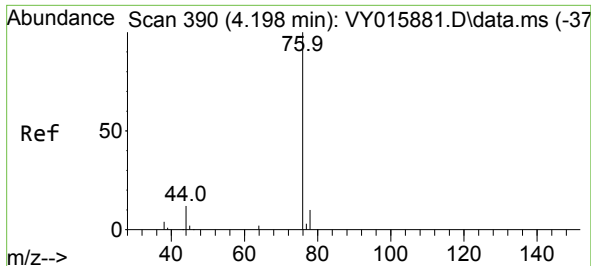
Tgt Ion: 53 Resp: 145092
Ion Ratio Lower Upper
53 100
52 81.2 66.9 100.3
51 35.3 29.8 44.6



#16
Acetone
Concen: 210.361 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 43 Resp: 159022
Ion Ratio Lower Upper
43 100
58 35.2 22.7 34.1#





#17

Carbon Disulfide

Concen: 51.758 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

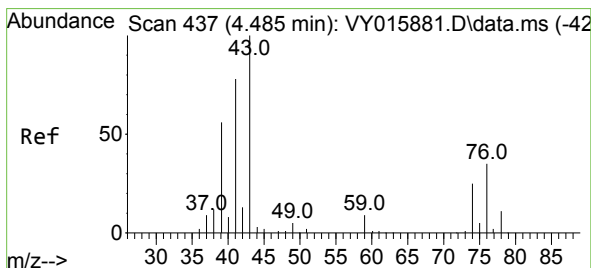
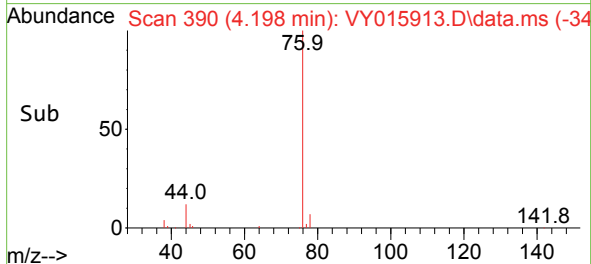
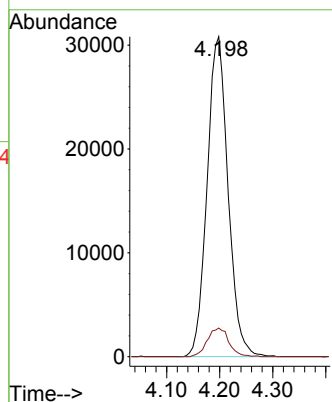
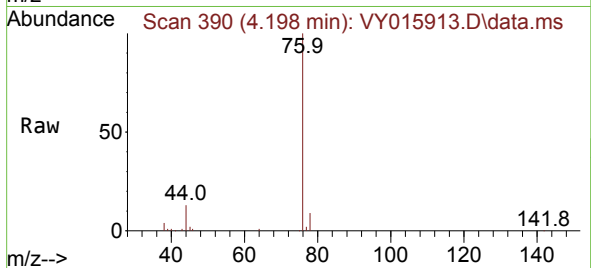
ClientSampleId :

Tgt Ion: 76 Resp: 84536

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#18

Methyl Acetate

Concen: 49.475 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY015913.D

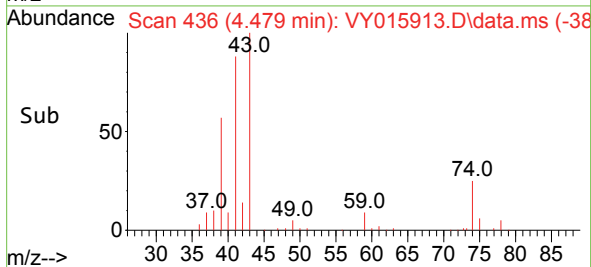
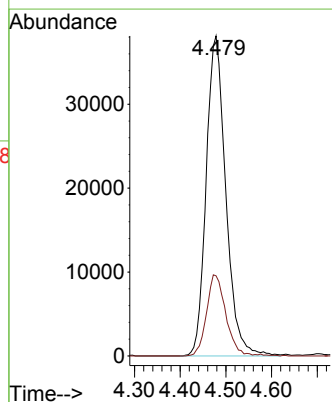
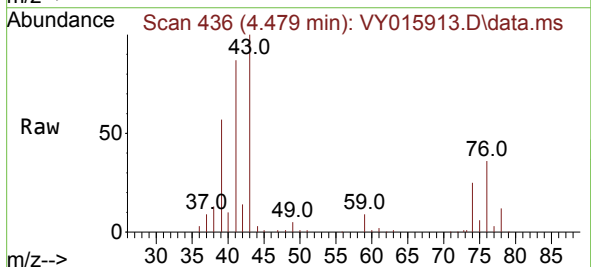
Acq: 11 Oct 2023 09:52

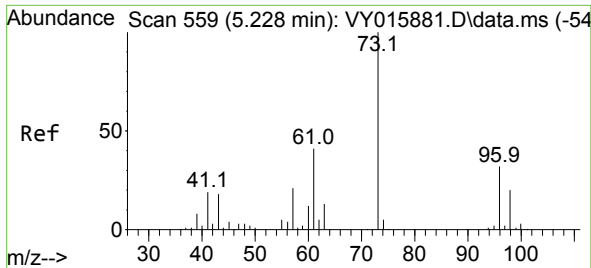
Tgt Ion: 43 Resp: 113868

Ion Ratio Lower Upper

43 100

74 24.8 17.4 26.0

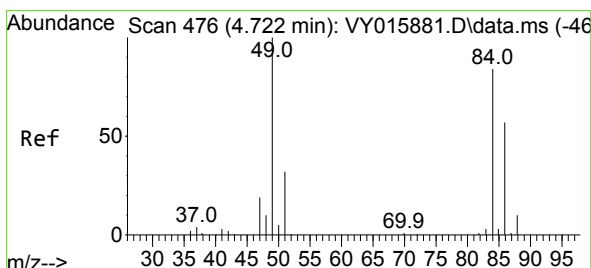
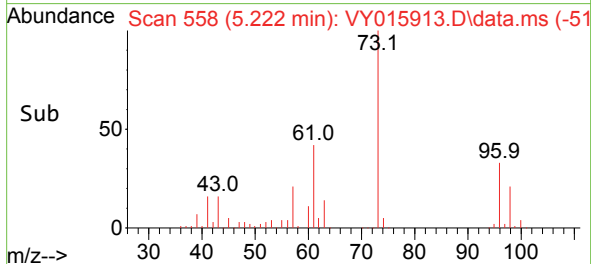
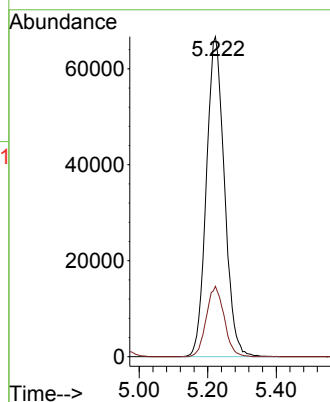
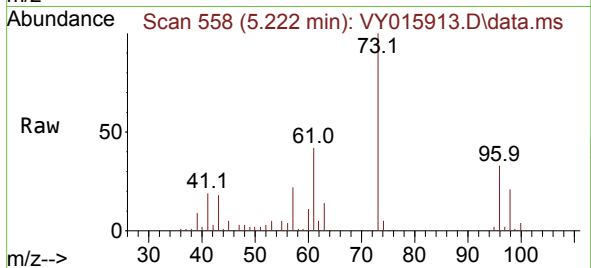




#19
Methyl tert-butyl Ether
Concen: 49.447 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

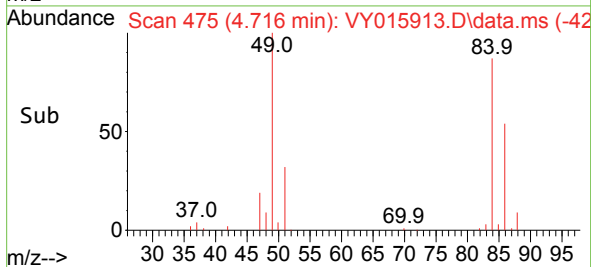
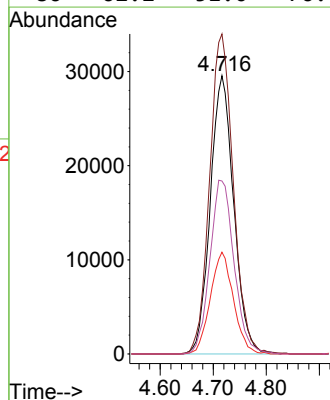
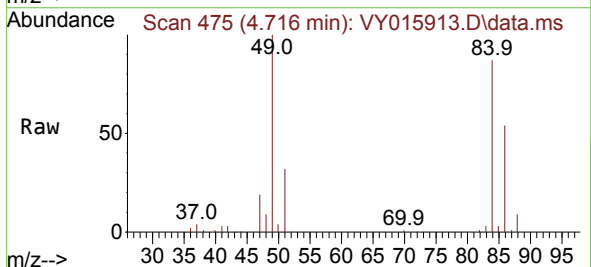
Instrument :
MSVOA_Y
ClientSampleId :

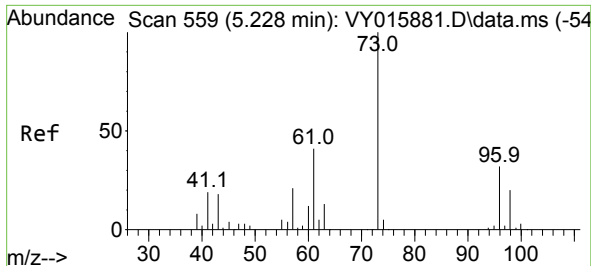
Tgt Ion: 73 Resp: 244354
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 51.835 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 84 Resp: 90844
Ion Ratio Lower Upper
84 100
49 115.0 106.9 160.3
51 36.6 33.2 49.8
86 62.2 51.0 76.6

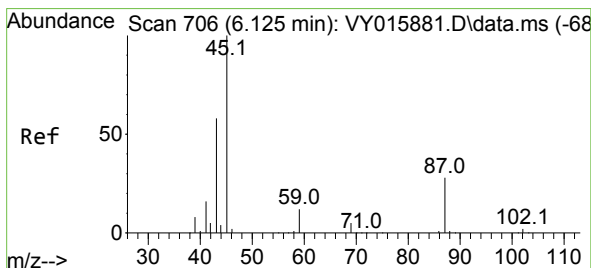
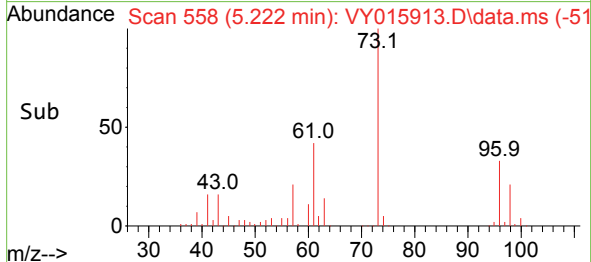
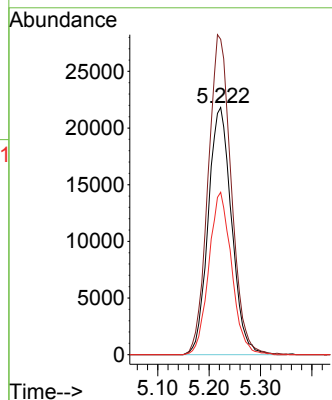
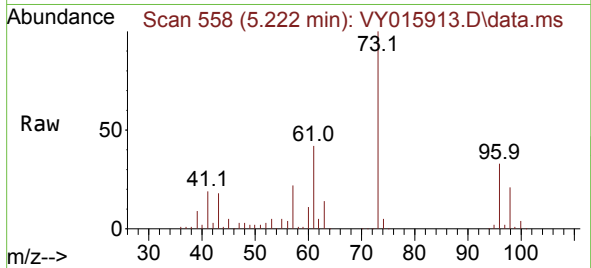




#21
trans-1,2-Dichloroethene
Concen: 54.460 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

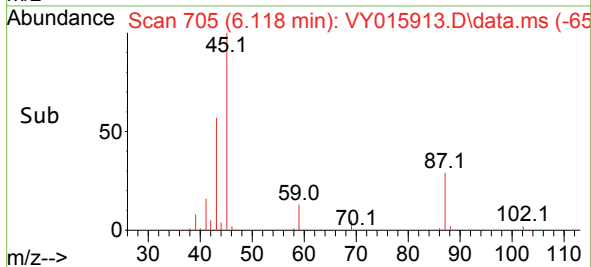
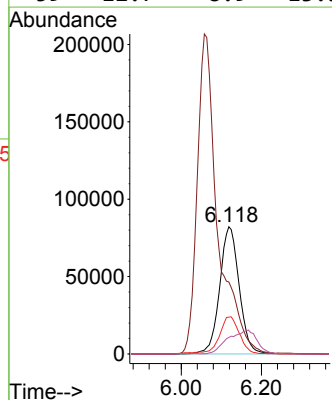
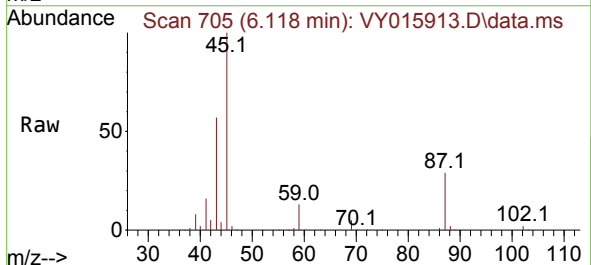
Instrument :
MSVOA_Y
ClientSampleId :

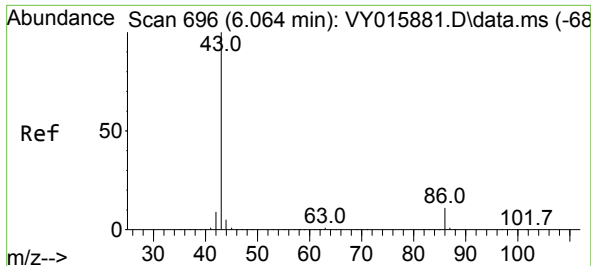
Tgt Ion: 96 Resp: 68914
Ion Ratio Lower Upper
96 100
61 127.6 110.2 165.4
98 65.7 51.8 77.6



#22
Diisopropyl ether
Concen: 51.477 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 45 Resp: 276838
Ion Ratio Lower Upper
45 100
43 56.1 52.2 78.4
87 28.9 21.0 31.6
59 12.7 8.9 13.3

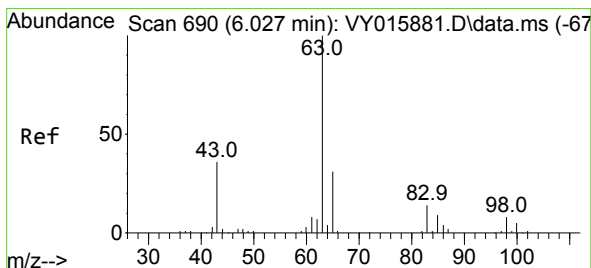
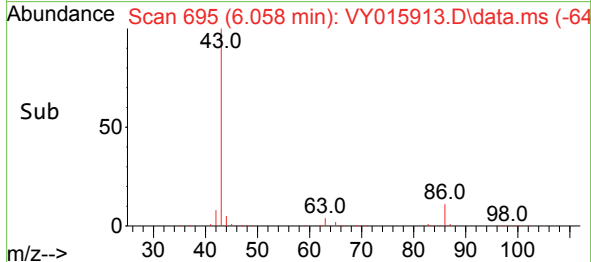
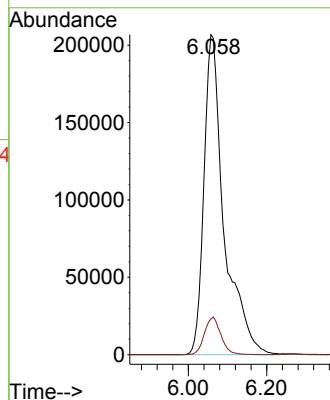
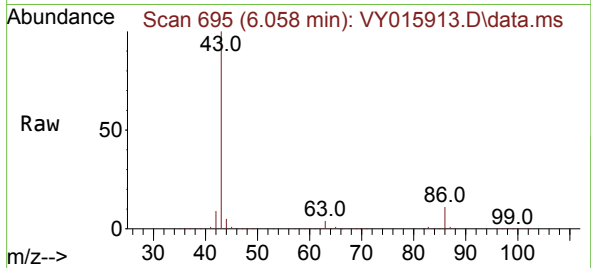




#23
 Vinyl Acetate
 Concen: 248.929 ug/l
 RT: 6.058 min Scan# 64
 Delta R.T. -0.006 min
 Lab File: VY015913.D
 Acq: 11 Oct 2023 09:52

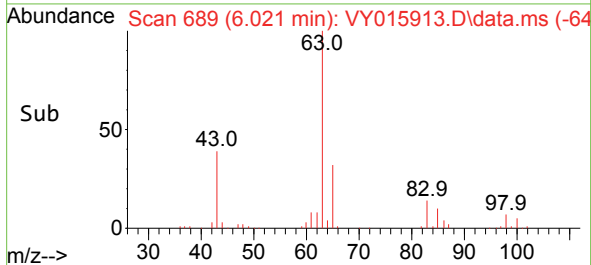
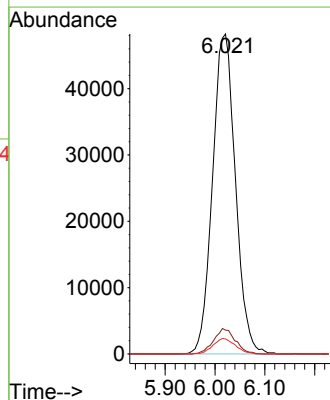
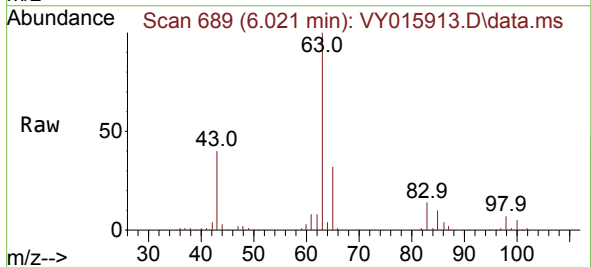
Instrument :
 MSVOA_Y
 ClientSampleId :

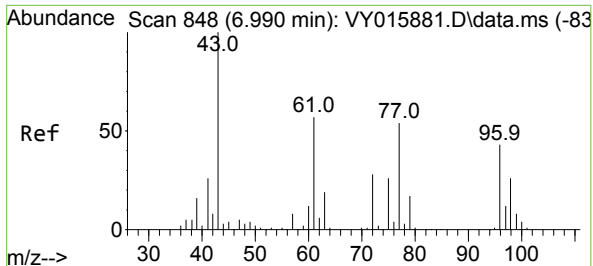
Tgt Ion: 43 Resp: 736139
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 51.931 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY015913.D
 Acq: 11 Oct 2023 09:52

Tgt Ion: 63 Resp: 153840
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 223.376 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

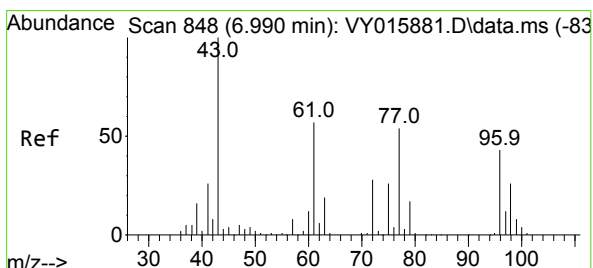
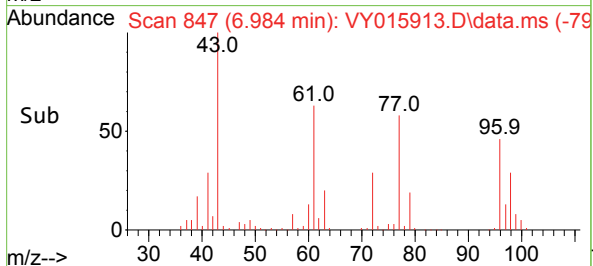
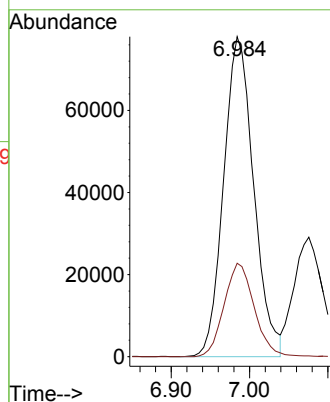
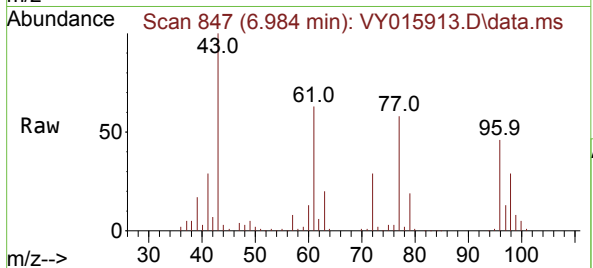
ClientSampleId :

Tgt Ion: 43 Resp: 208029

Ion Ratio Lower Upper

43 100

72 29.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.976 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY015913.D

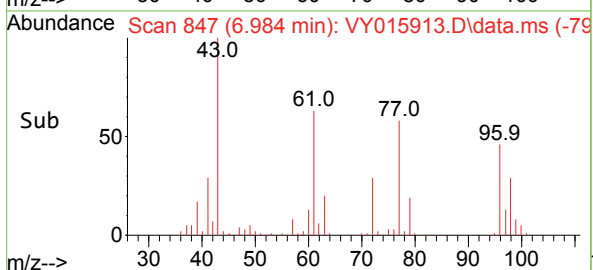
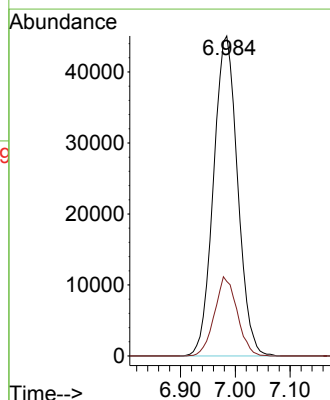
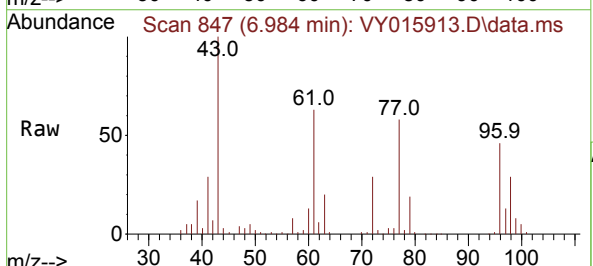
Acq: 11 Oct 2023 09:52

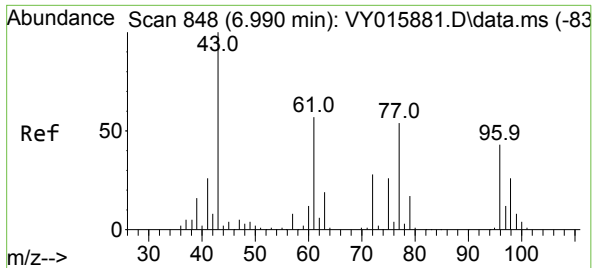
Tgt Ion: 77 Resp: 137683

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9

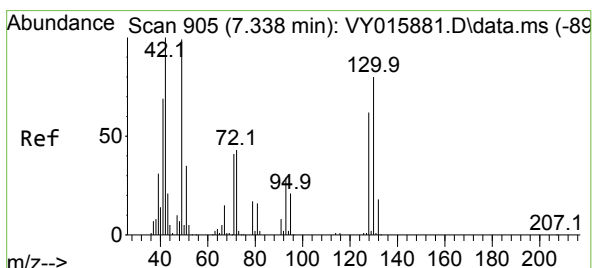
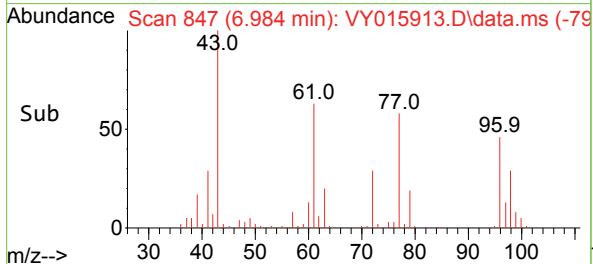
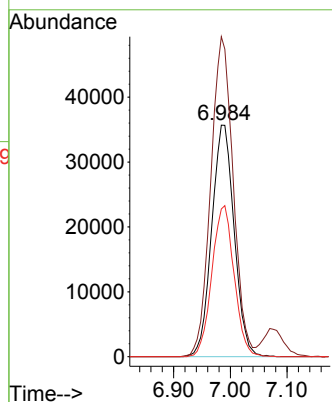
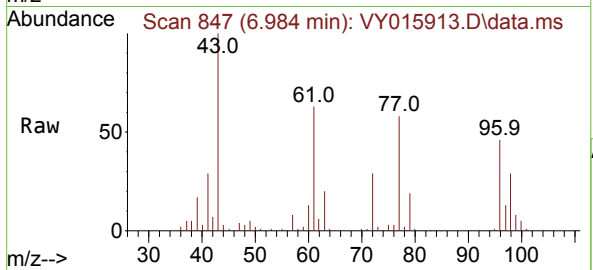




#27
 cis-1,2-Dichloroethene
 Concen: 52.573 ug/l
 RT: 6.984 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY015913.D
 Acq: 11 Oct 2023 09:52

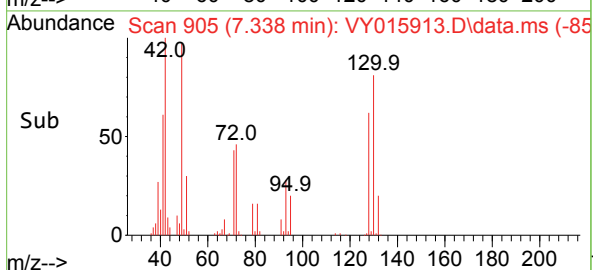
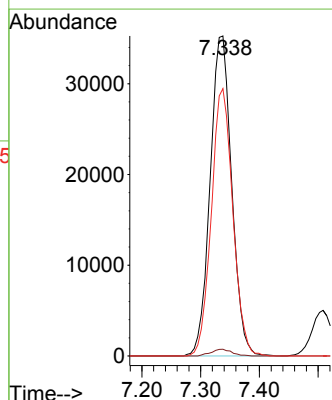
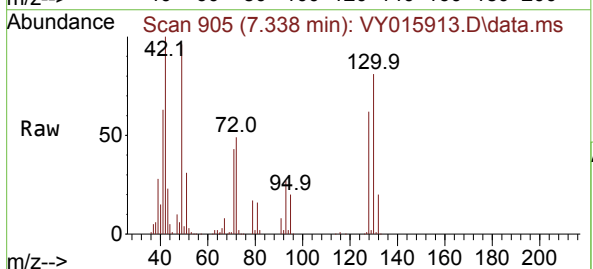
Instrument :
 MSVOA_Y
 ClientSampleId :

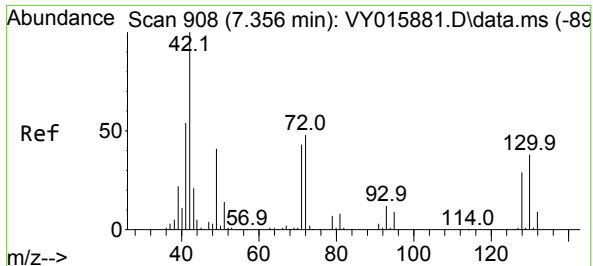
Tgt Ion: 96 Resp: 98188
 Ion Ratio Lower Upper
 96 100
 61 137.6 0.0 301.4
 98 64.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 52.629 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: VY015913.D
 Acq: 11 Oct 2023 09:52

Tgt Ion: 49 Resp: 89857
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 83.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 232.877 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

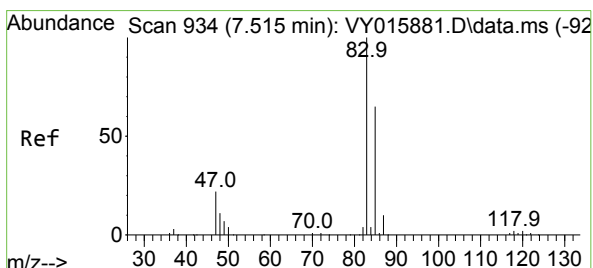
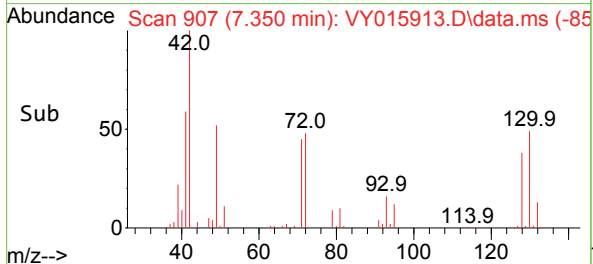
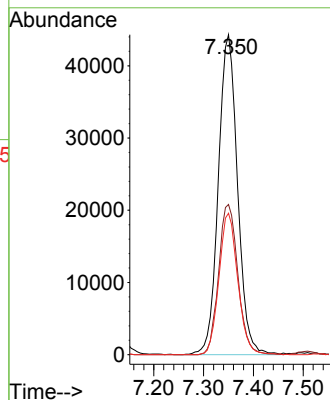
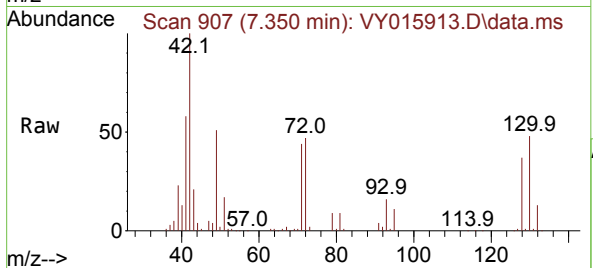
Tgt Ion: 42 Resp: 118643

Ion Ratio Lower Upper

42 100

72 47.1 32.8 49.2

71 43.3 31.0 46.4



#30

Chloroform

Concen: 51.033 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY015913.D

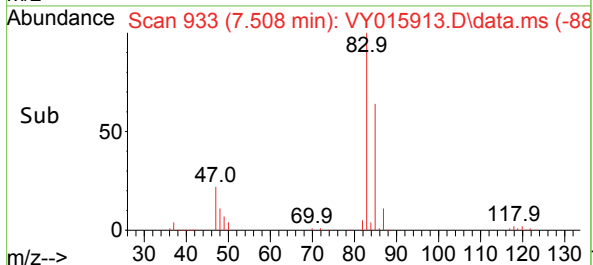
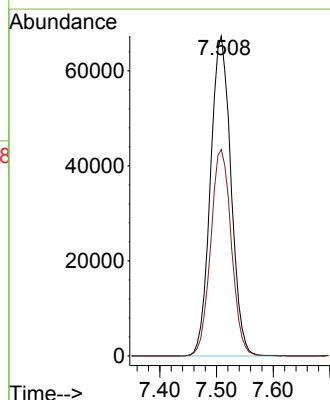
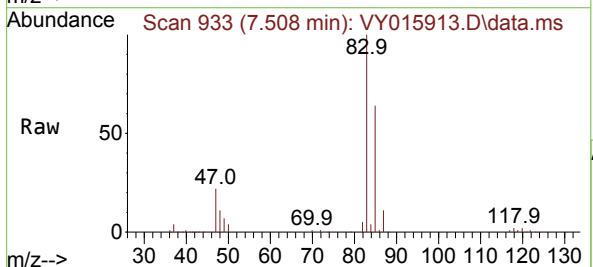
Acq: 11 Oct 2023 09:52

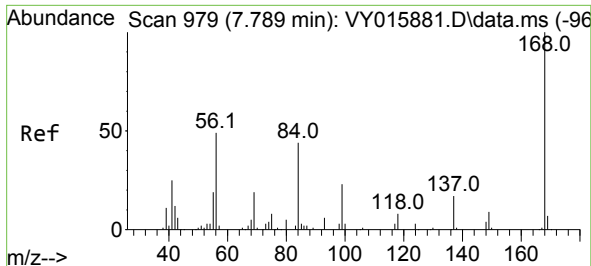
Tgt Ion: 83 Resp: 168626

Ion Ratio Lower Upper

83 100

85 64.5 49.7 74.5

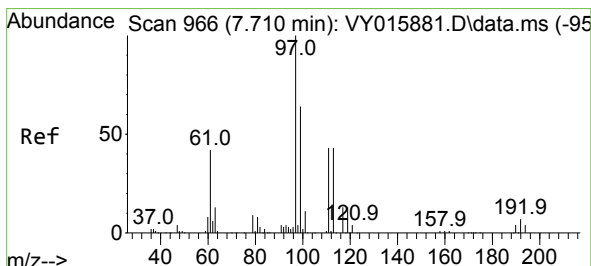
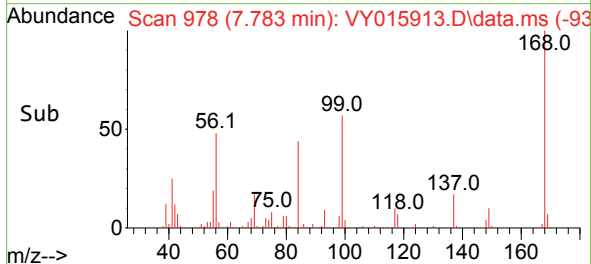
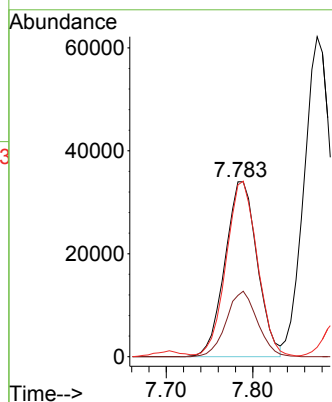
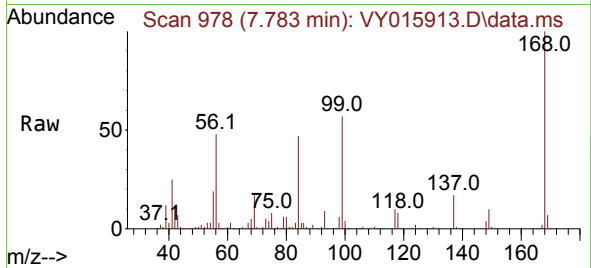




#31
Cyclohexane
Concen: 48.378 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

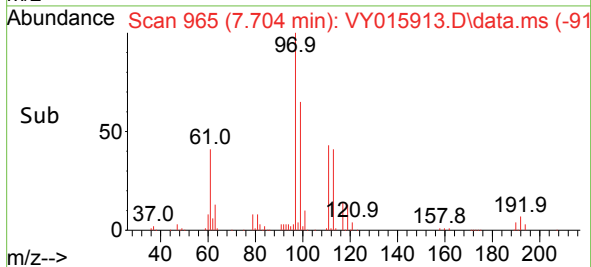
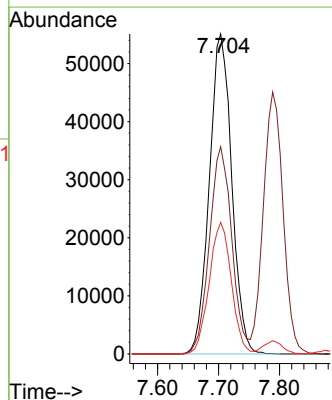
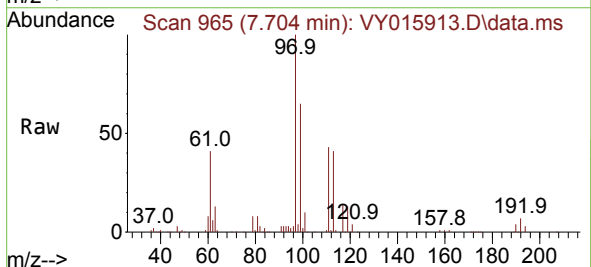
Instrument :
MSVOA_Y
ClientSampleId :

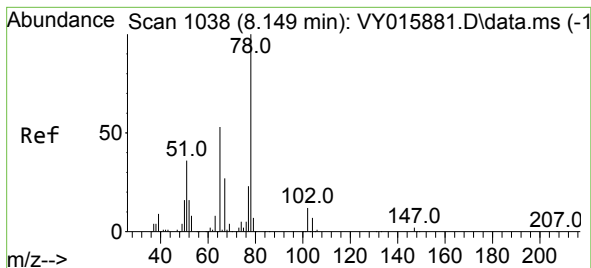
Tgt Ion: 56 Resp: 87962
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.6
84 96.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.112 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 97 Resp: 140625
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 40.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.897 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

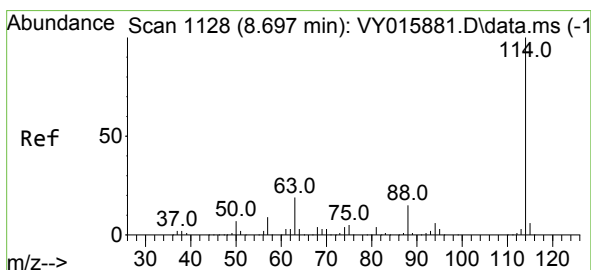
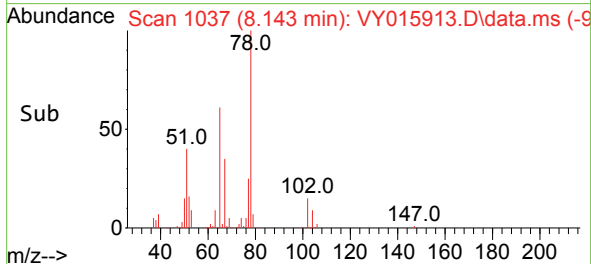
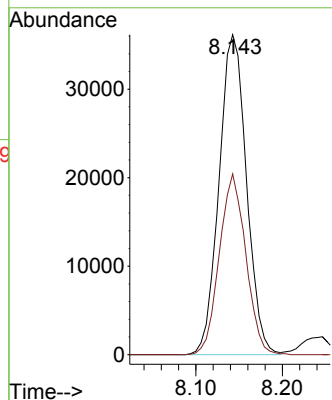
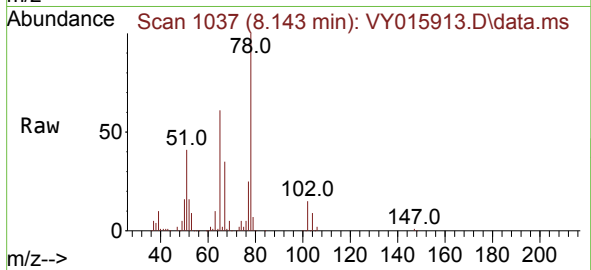
ClientSampleId :

Tgt Ion: 65 Resp: 79618

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

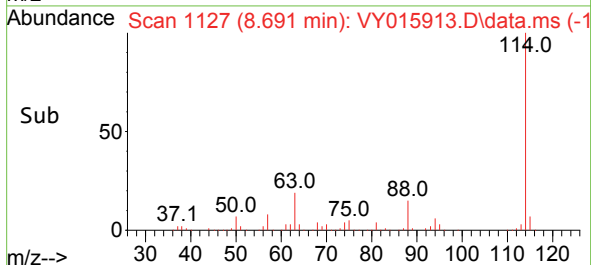
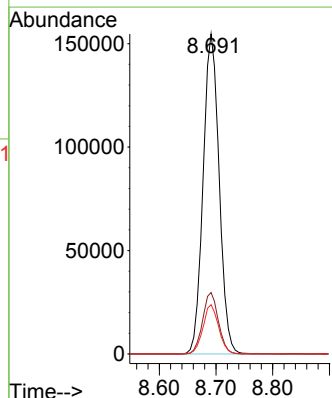
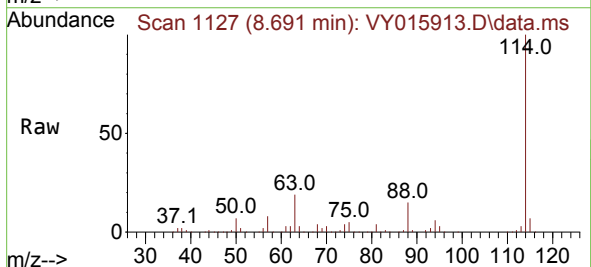
Tgt Ion: 114 Resp: 303843

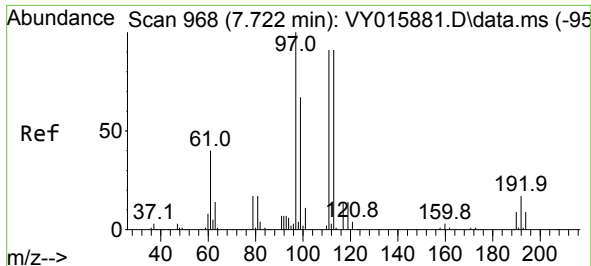
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.4 0.0 30.6

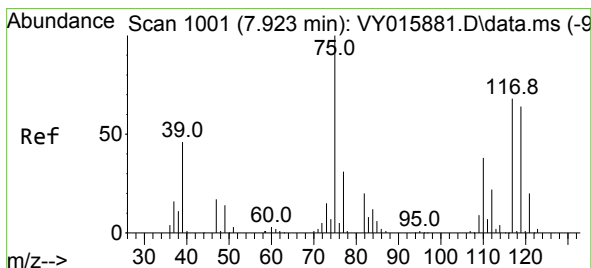
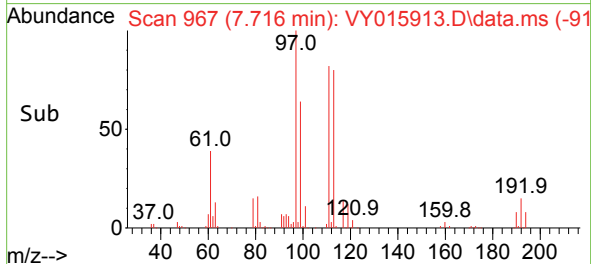
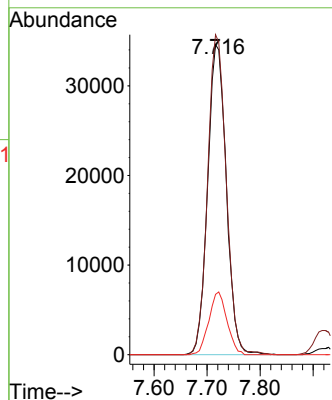
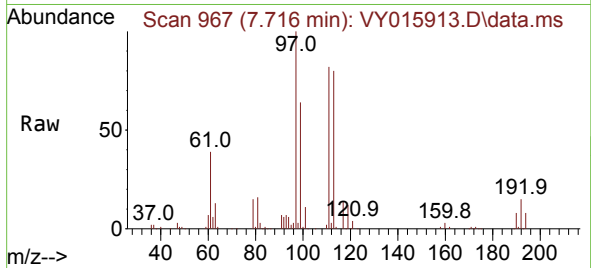




#35
Dibromofluoromethane
Concen: 49.848 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

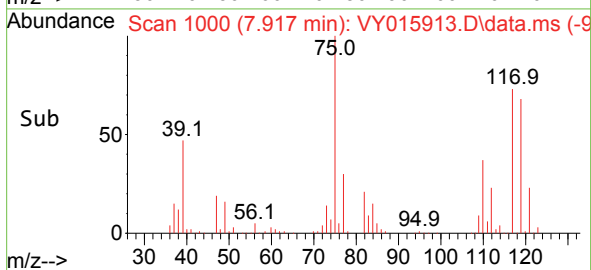
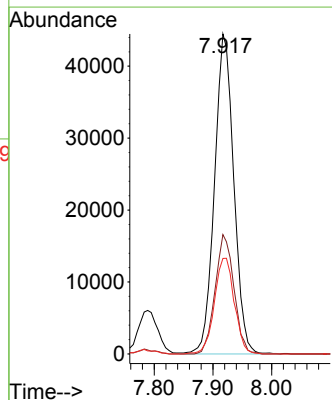
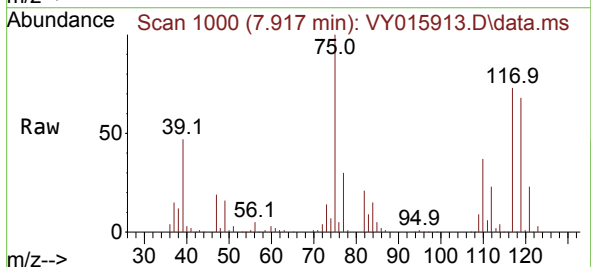
Instrument :
MSVOA_Y
ClientSampleId :

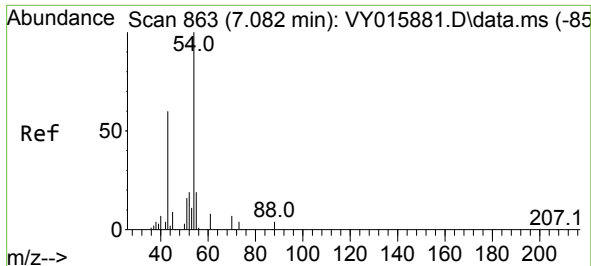
Tgt Ion:113 Resp: 84481
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 54.010 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 75 Resp: 101375
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 47.867 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.006 min

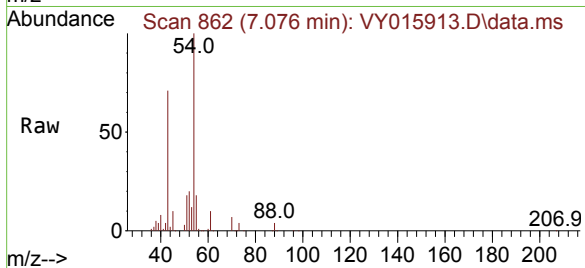
Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :



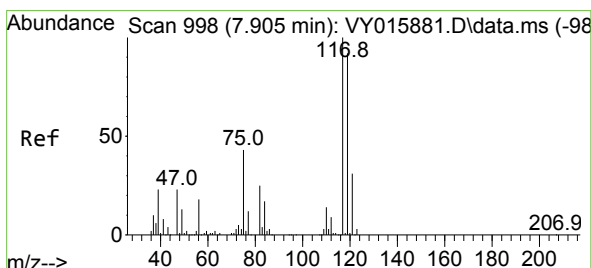
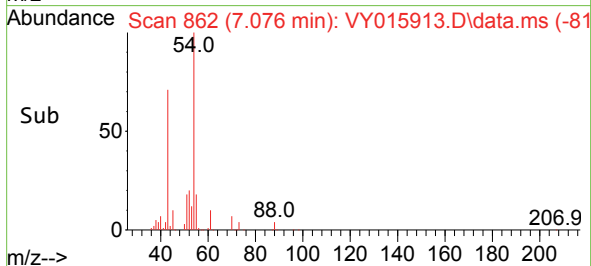
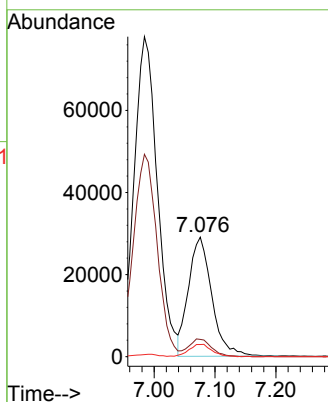
Tgt Ion: 43 Resp: 77162

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 10.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 53.766 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

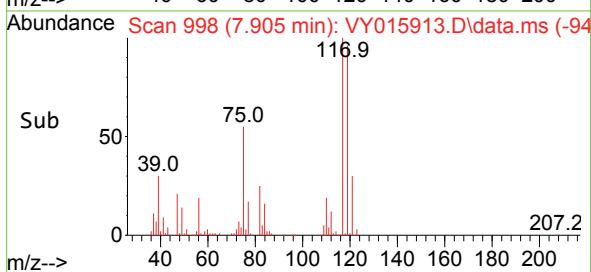
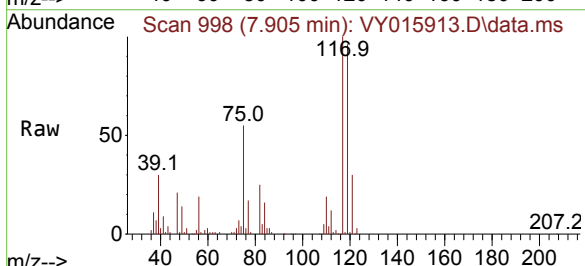
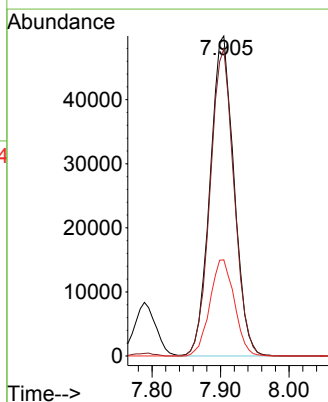
Tgt Ion: 117 Resp: 121197

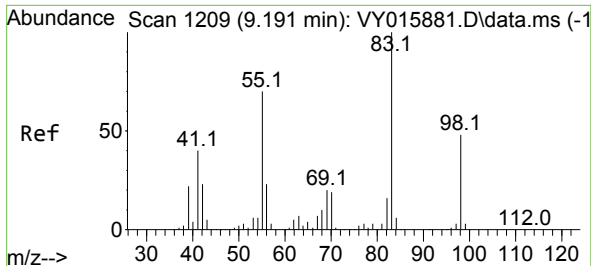
Ion Ratio Lower Upper

117 100

119 96.0 76.4 114.6

121 30.1 25.8 38.6





#39

Methylcyclohexane

Concen: 52.623 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

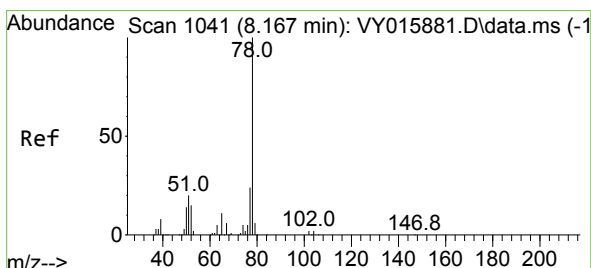
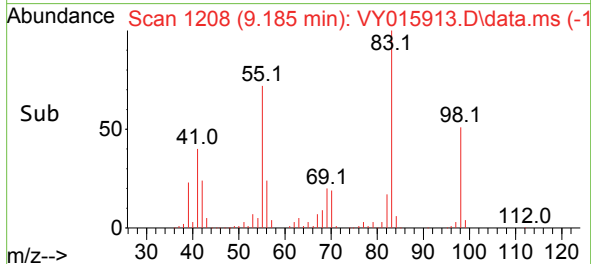
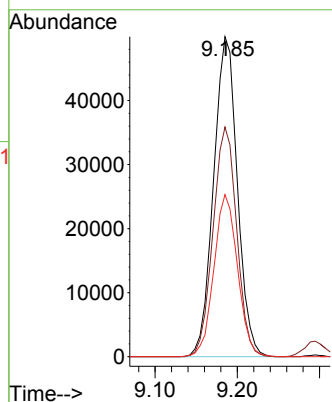
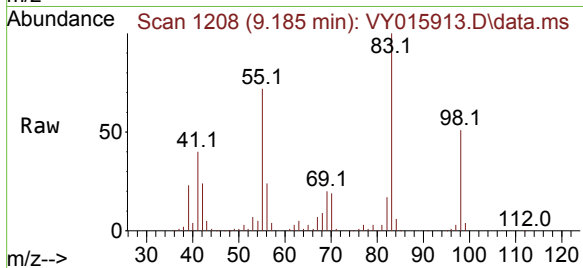
Tgt Ion: 83 Resp: 100329

Ion Ratio Lower Upper

83 100

55 71.8 63.0 94.4

98 50.6 37.4 56.2



#40

Benzene

Concen: 54.136 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY015913.D

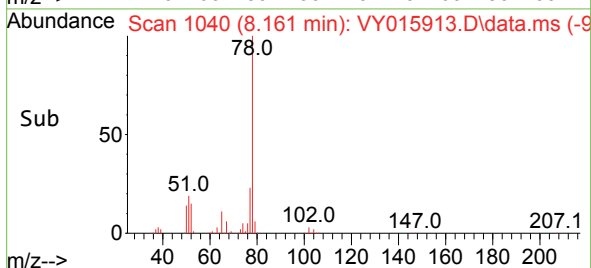
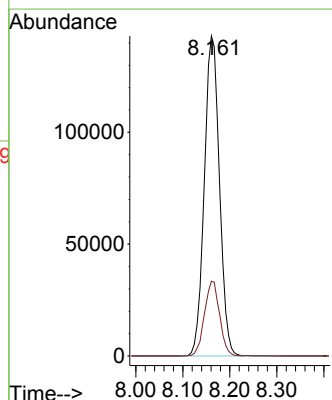
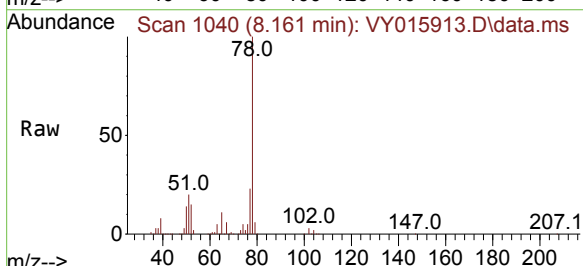
Acq: 11 Oct 2023 09:52

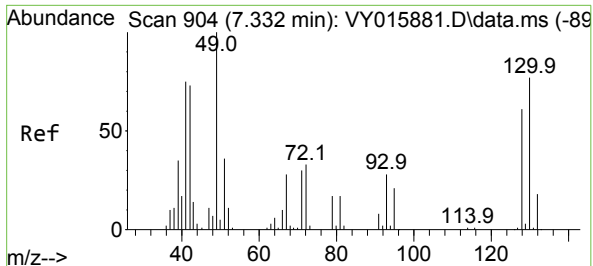
Tgt Ion: 78 Resp: 319334

Ion Ratio Lower Upper

78 100

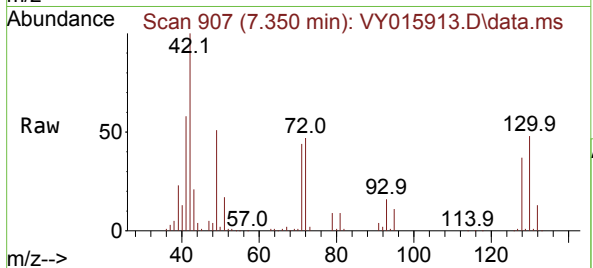
77 23.4 19.0 28.6



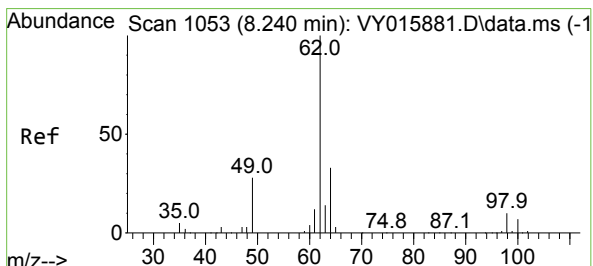
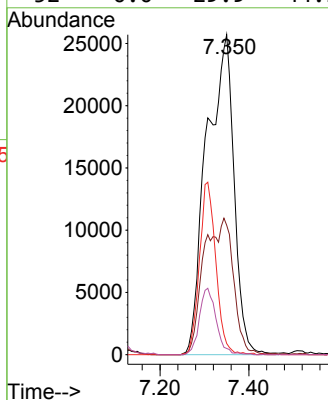
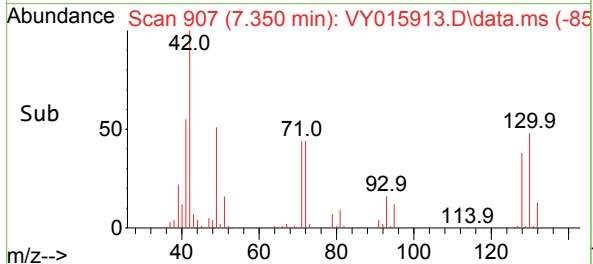


#41
Methacrylonitrile
Concen: 109.172 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.018 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

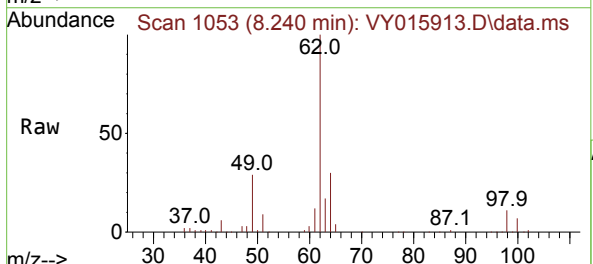
Instrument :
MSVOA_Y
ClientSampleId :



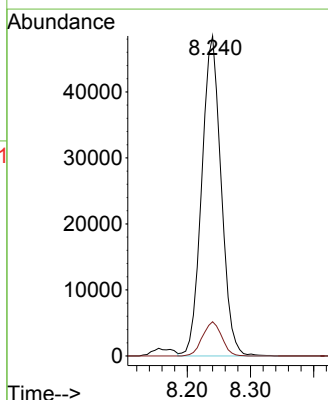
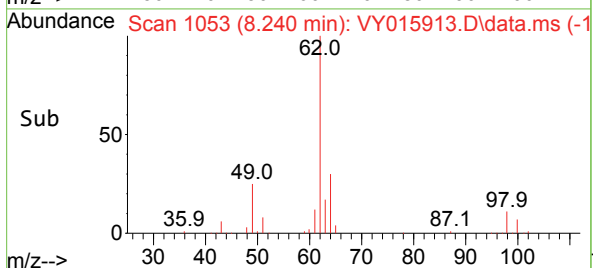
Tgt Ion: 41 Resp: 109464
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

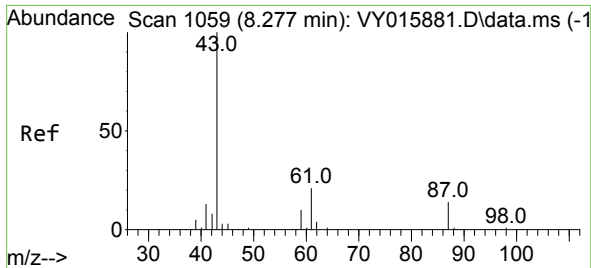


#42
1,2-Dichloroethane
Concen: 51.472 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52



Tgt Ion: 62 Resp: 103496
Ion Ratio Lower Upper
62 100
98 10.6 0.0 15.8

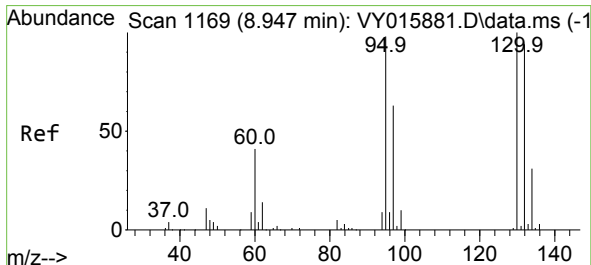
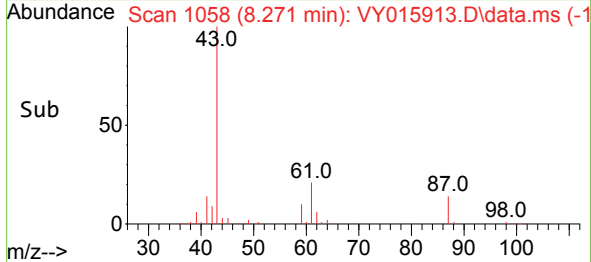
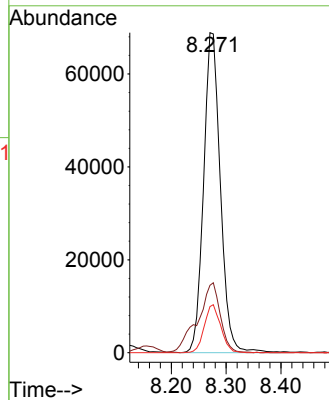
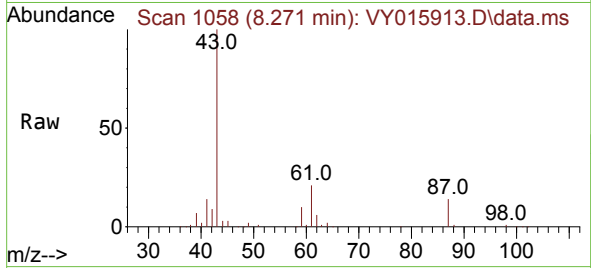




#43
Isopropyl Acetate
Concen: 48.960 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

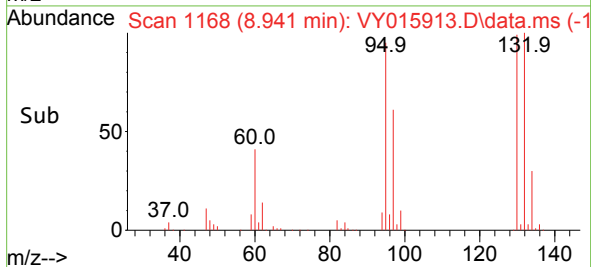
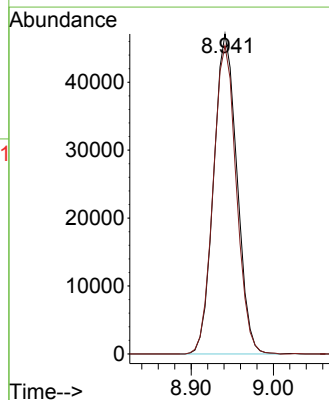
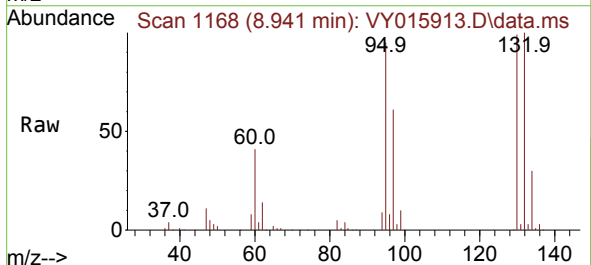
Instrument :
MSVOA_Y
ClientSampleId :

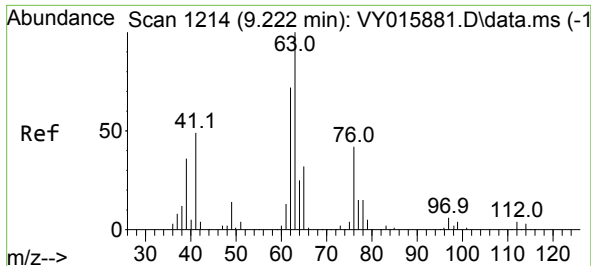
Tgt Ion: 43 Resp: 146095
Ion Ratio Lower Upper
43 100
61 29.5 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 54.280 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 130 Resp: 92650
Ion Ratio Lower Upper
130 100
95 96.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.753 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

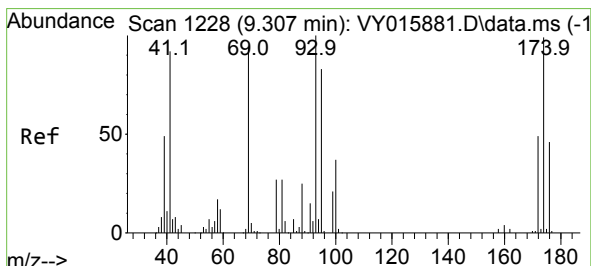
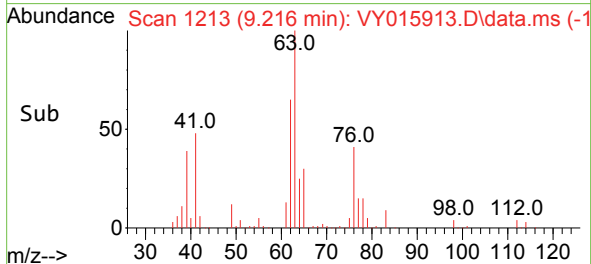
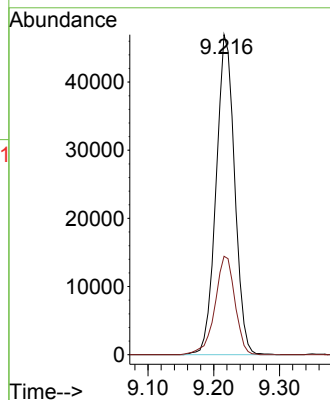
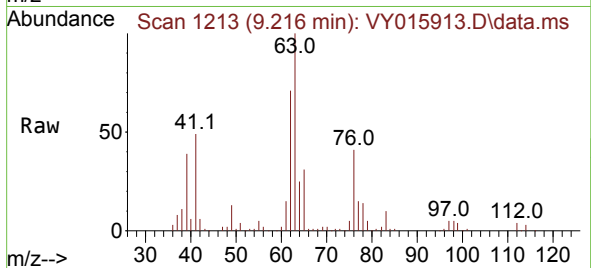
ClientSampleId :

Tgt Ion: 63 Resp: 91823

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 51.530 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

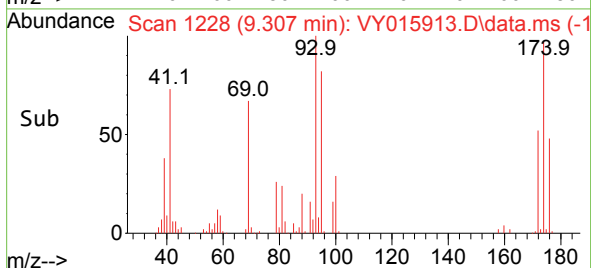
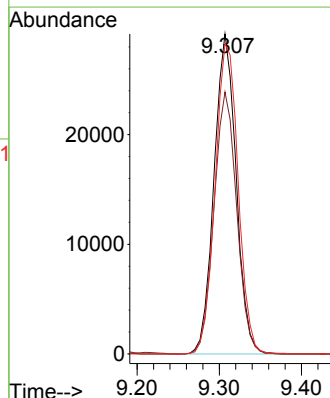
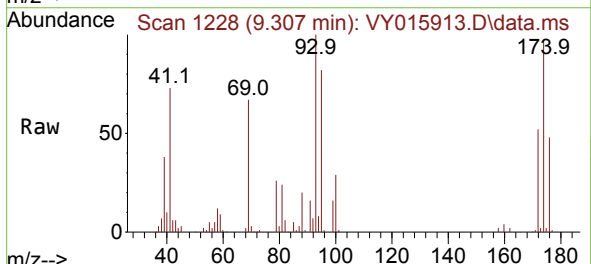
Tgt Ion: 93 Resp: 54407

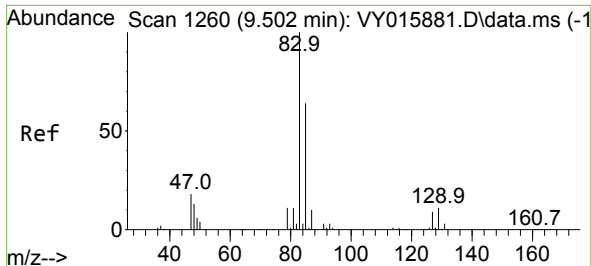
Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

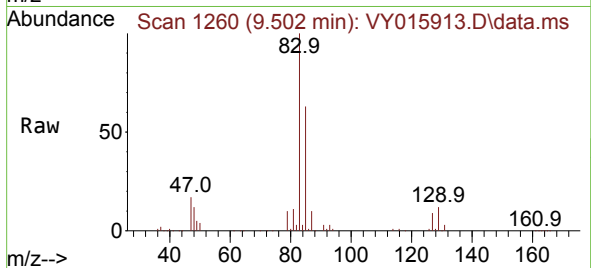
174 101.1 84.8 127.2



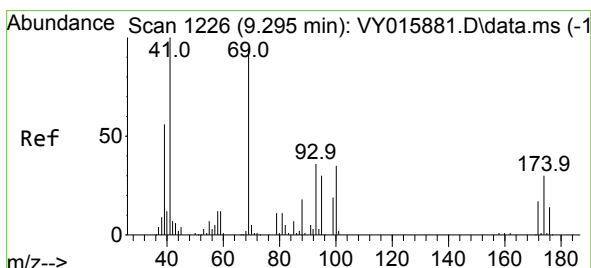
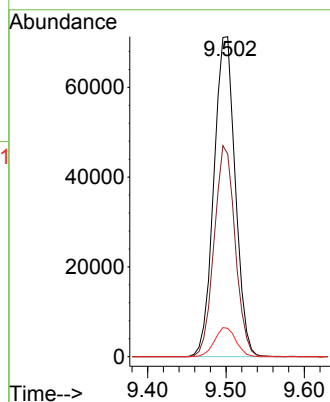
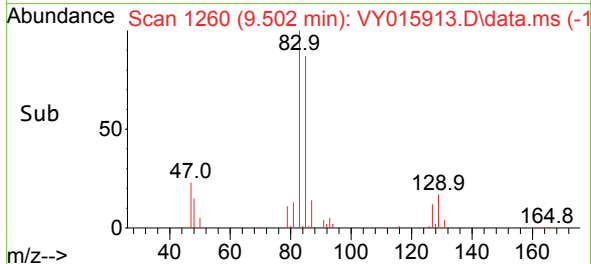


#47
Bromodichloromethane
Concen: 51.538 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Instrument :
MSVOA_Y
ClientSampleId :

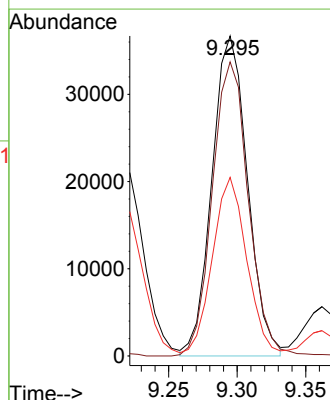
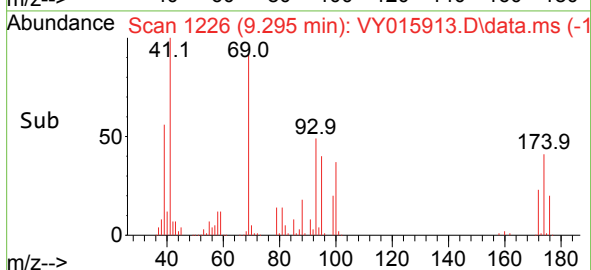
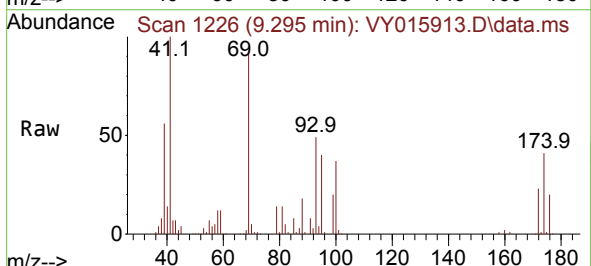


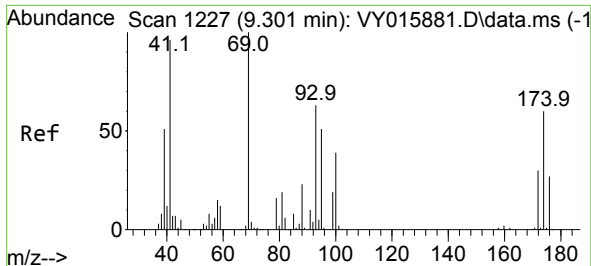
Tgt Ion: 83 Resp: 135335
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 50.288 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 41 Resp: 66269
Ion Ratio Lower Upper
41 100
69 93.6 64.5 96.7
39 54.2 50.8 76.2





#49

1,4-Dioxane

Concen: 908.197 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

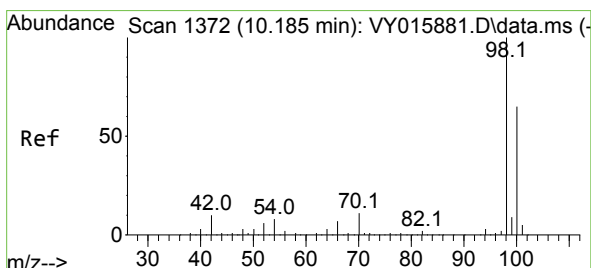
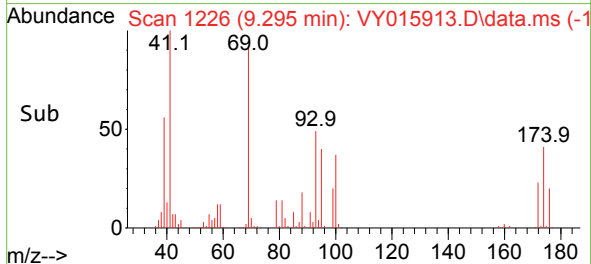
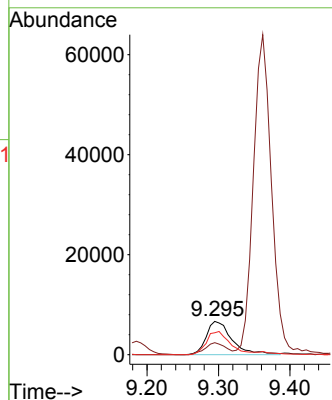
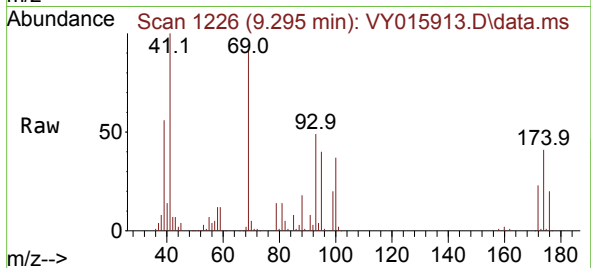
Tgt Ion: 88 Resp: 16669

Ion Ratio Lower Upper

88 100

43 28.9 0.0 0.0#

58 65.4 30.9 46.3#



#50

Toluene-d8

Concen: 50.712 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY015913.D

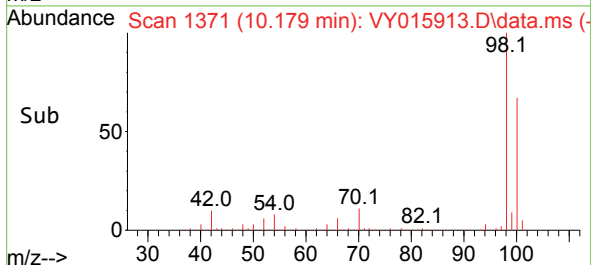
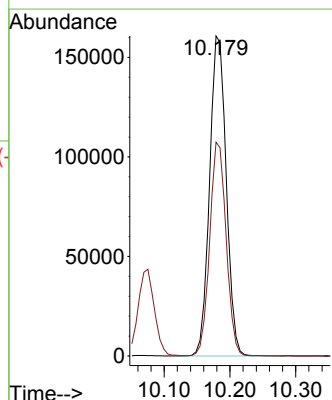
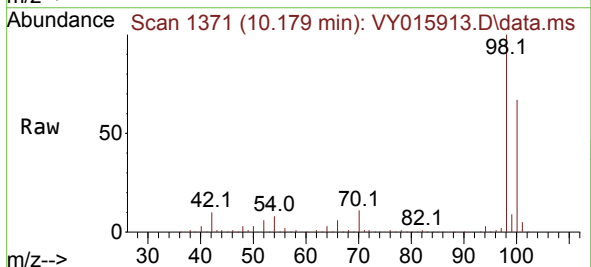
Acq: 11 Oct 2023 09:52

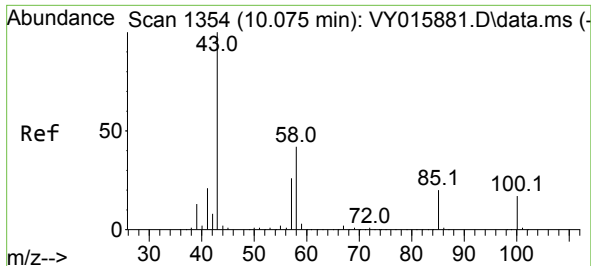
Tgt Ion: 98 Resp: 283252

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 239.034 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

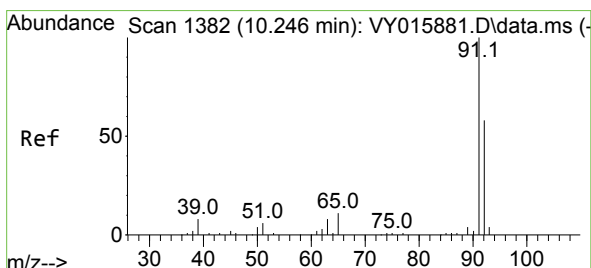
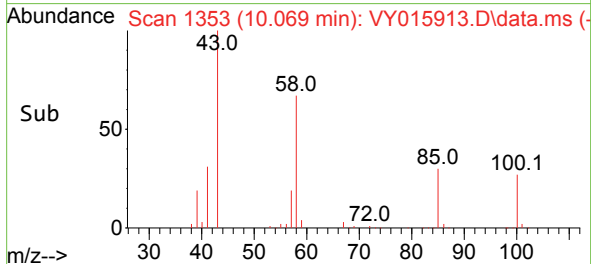
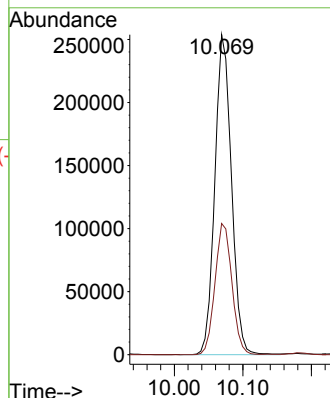
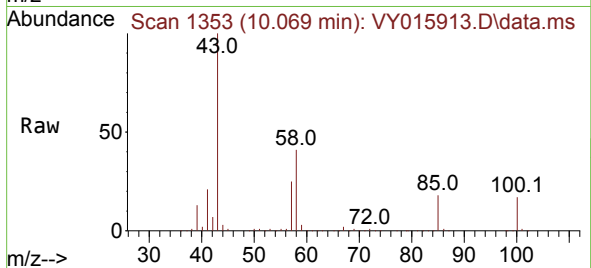
ClientSampleId :

Tgt Ion: 43 Resp: 426740

Ion Ratio Lower Upper

43 100

58 41.7 29.0 43.6



#52

Toluene

Concen: 53.369 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY015913.D

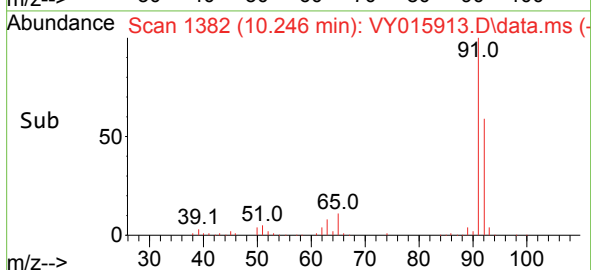
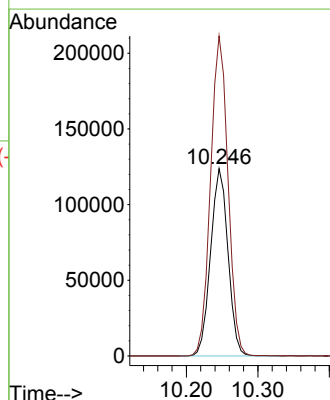
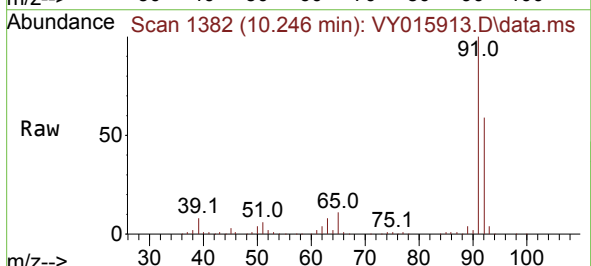
Acq: 11 Oct 2023 09:52

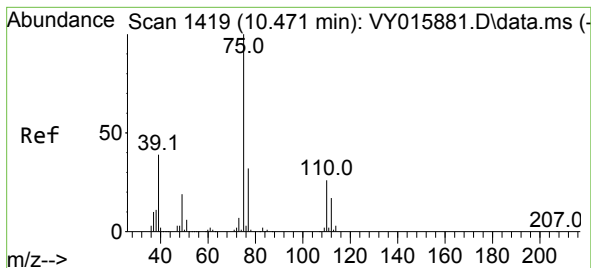
Tgt Ion: 92 Resp: 208966

Ion Ratio Lower Upper

92 100

91 171.6 143.8 215.6

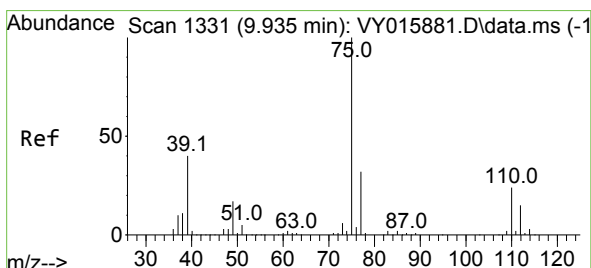
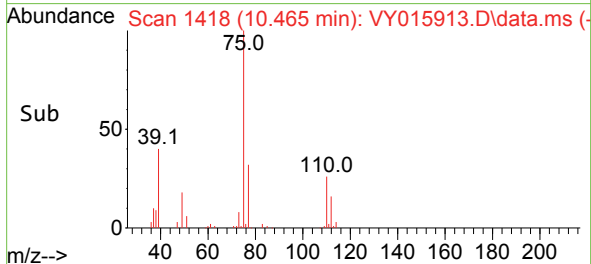
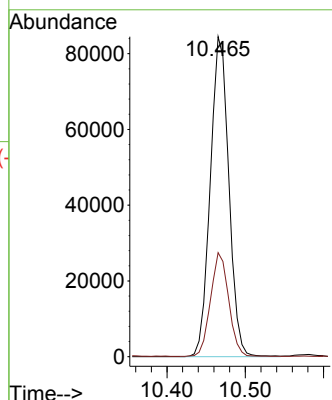
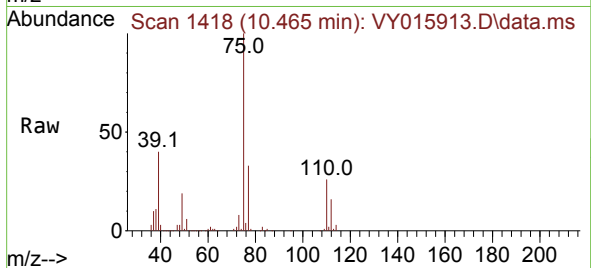




#53
t-1,3-Dichloropropene
Concen: 52.260 ug/l
RT: 10.465 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

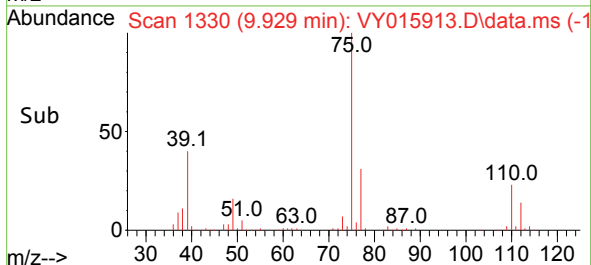
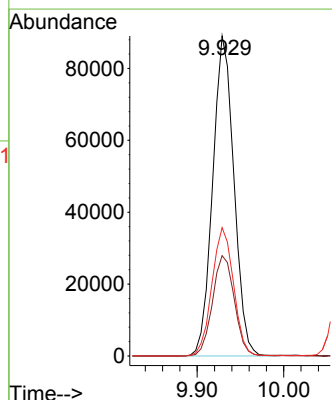
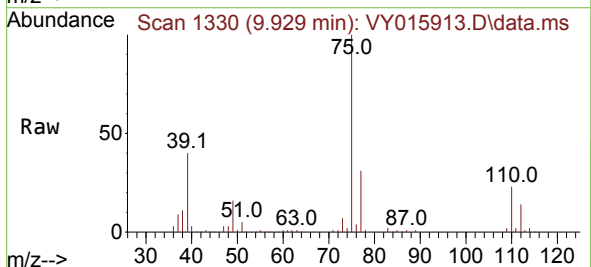
Instrument :
MSVOA_Y
ClientSampleId :

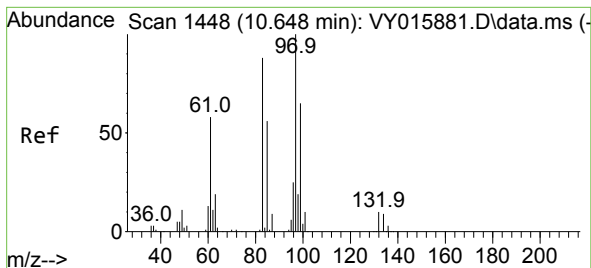
Tgt Ion: 75 Resp: 138734
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 52.604 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 75 Resp: 151692
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 40.1 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 50.846 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

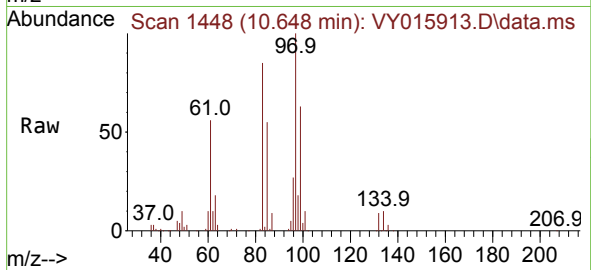
Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 85483

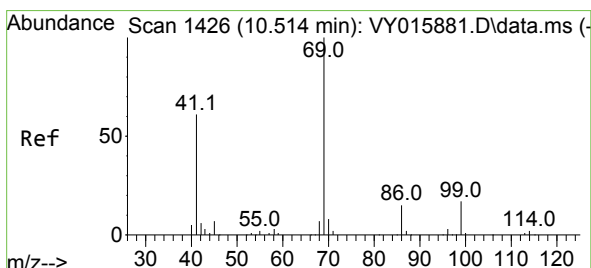
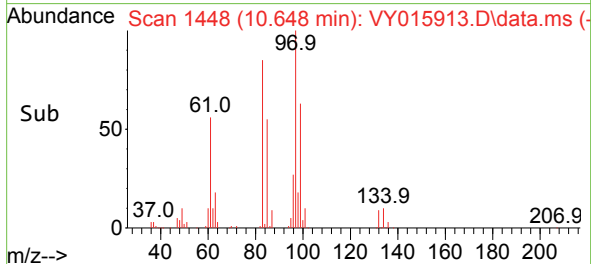
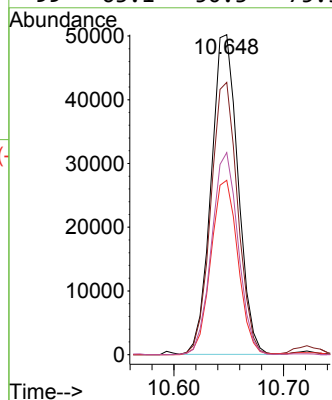
Ion Ratio Lower Upper

97 100

83 85.0 72.0 108.0

85 54.6 45.4 68.0

99 63.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 51.073 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

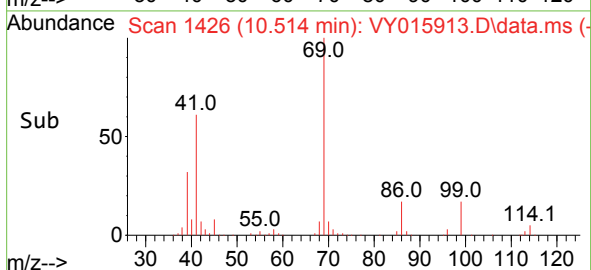
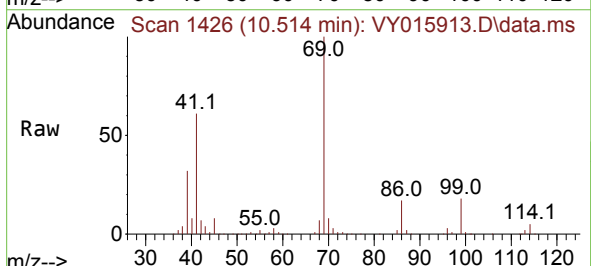
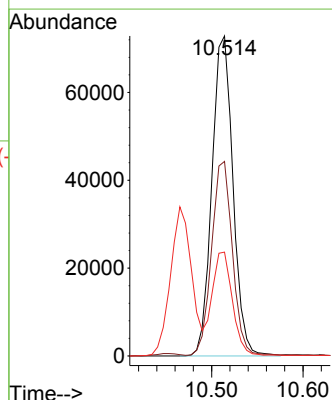
Tgt Ion: 69 Resp: 116570

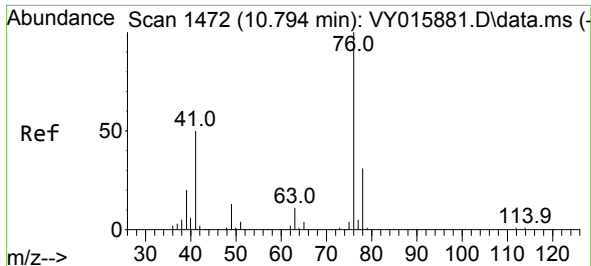
Ion Ratio Lower Upper

69 100

41 60.0 57.6 86.4

39 31.6 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 51.113 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

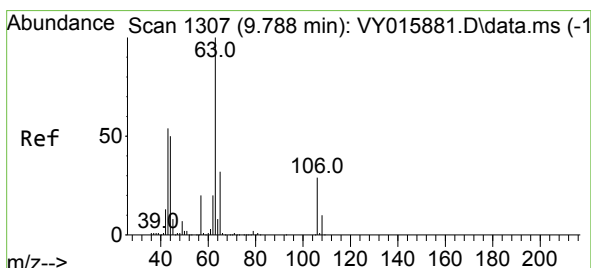
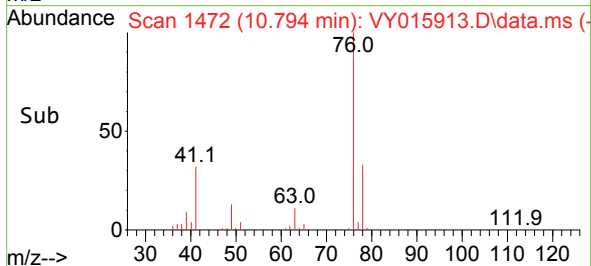
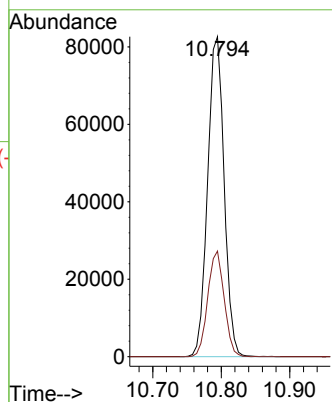
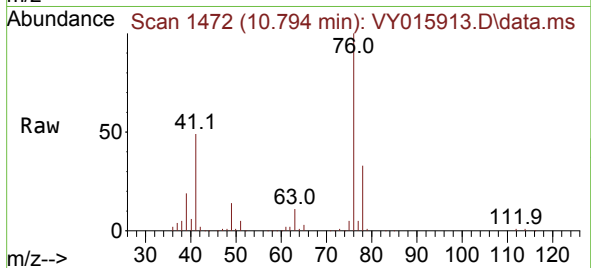
ClientSampleId :

Tgt Ion: 76 Resp: 138542

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 255.868 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY015913.D

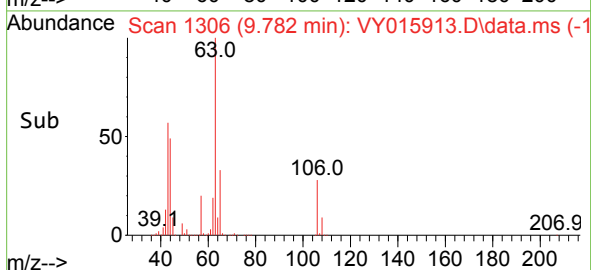
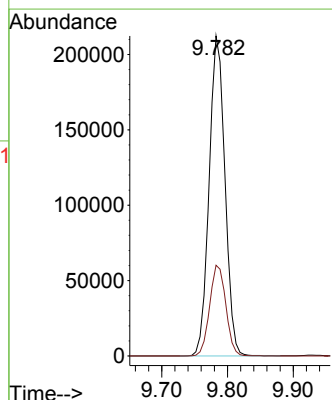
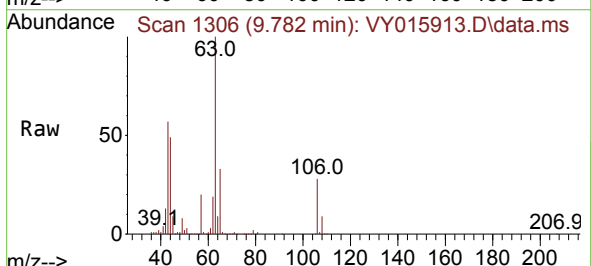
Acq: 11 Oct 2023 09:52

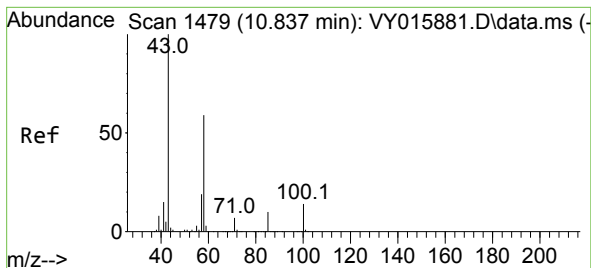
Tgt Ion: 63 Resp: 355954

Ion Ratio Lower Upper

63 100

106 28.9 21.2 31.8

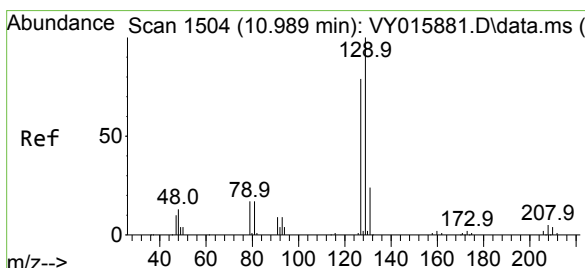
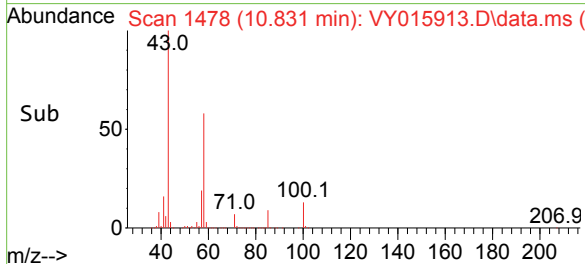
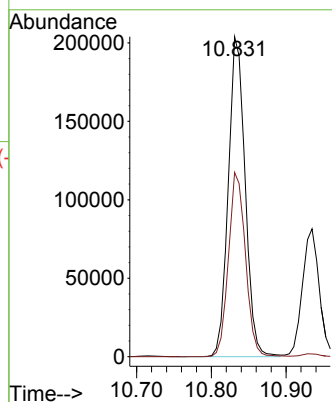
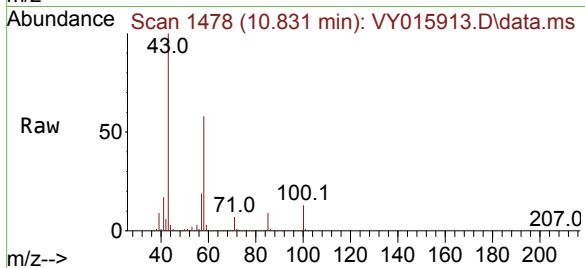




#59
2-Hexanone
Concen: 237.416 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

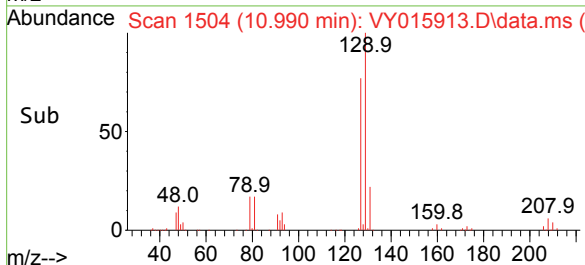
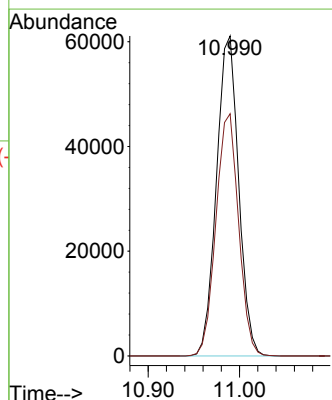
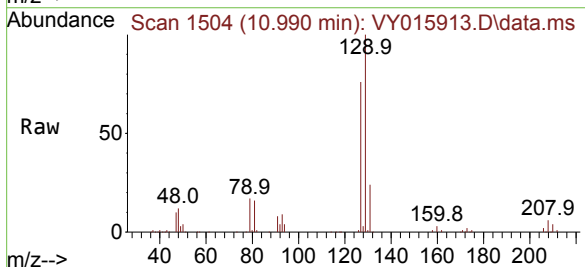
Instrument :
MSVOA_Y
ClientSampleId :

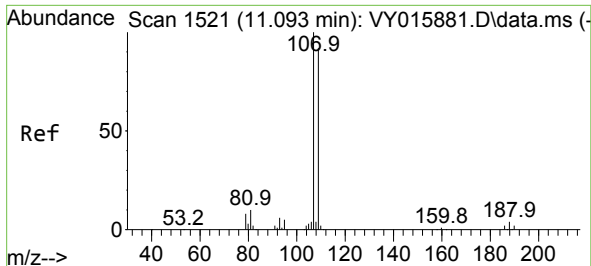
Tgt Ion: 43 Resp: 320665
Ion Ratio Lower Upper
43 100
58 58.1 25.1 75.3



#60
Dibromochloromethane
Concen: 51.129 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion:129 Resp: 103047
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

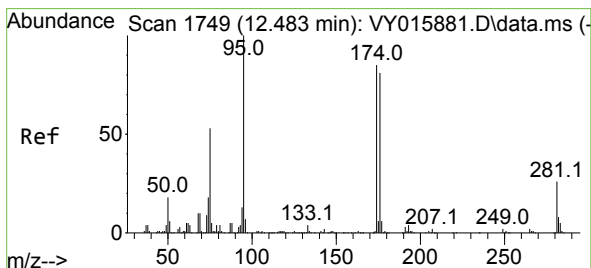
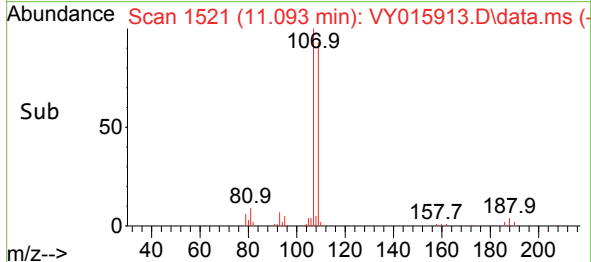
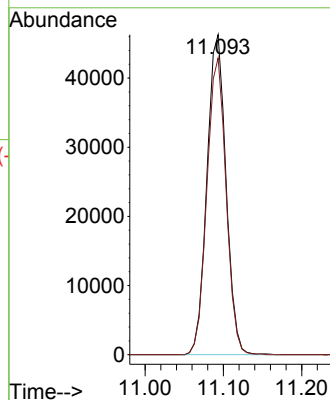
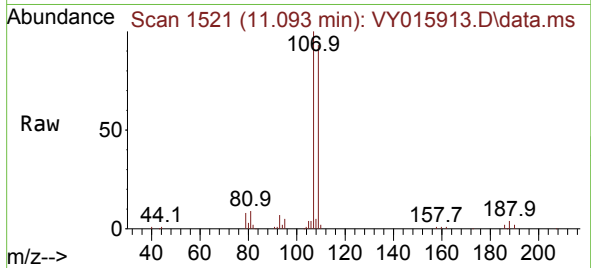




#61
1,2-Dibromoethane
Concen: 50.924 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

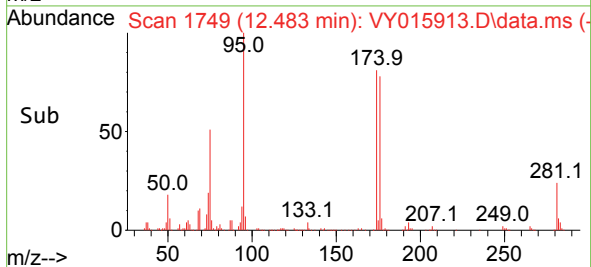
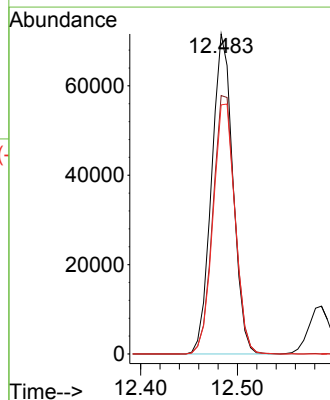
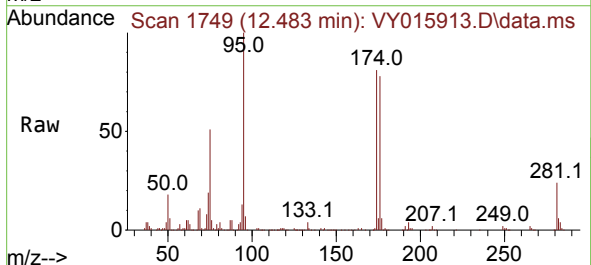
Instrument :
MSVOA_Y
ClientSampleId :

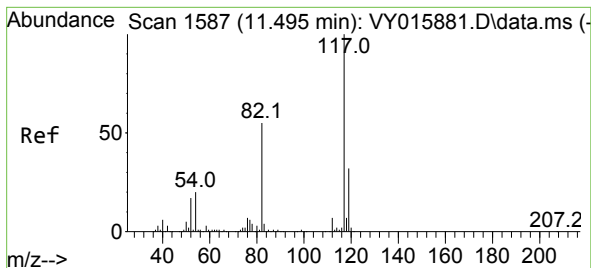
Tgt Ion:107 Resp: 78193
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.173 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 95 Resp: 109288
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 81.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

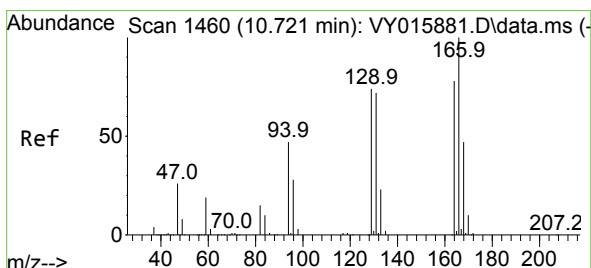
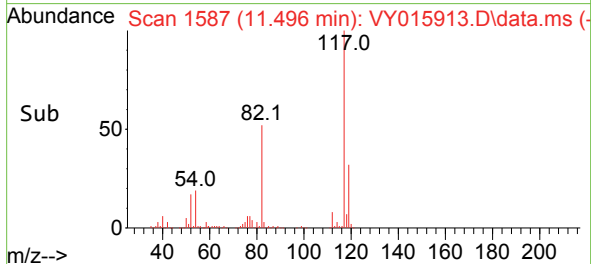
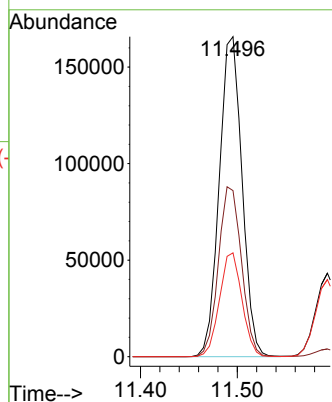
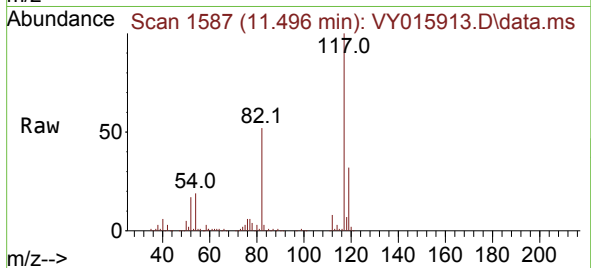
Tgt Ion:117 Resp: 270880

Ion Ratio Lower Upper

117 100

82 51.9 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 51.913 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Tgt Ion:164 Resp: 91770

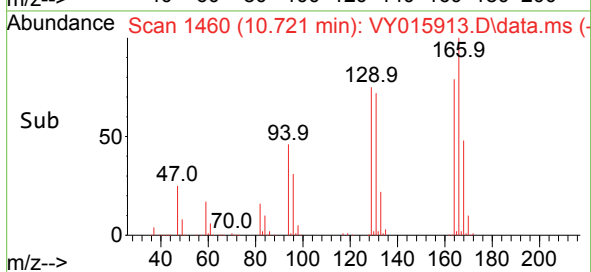
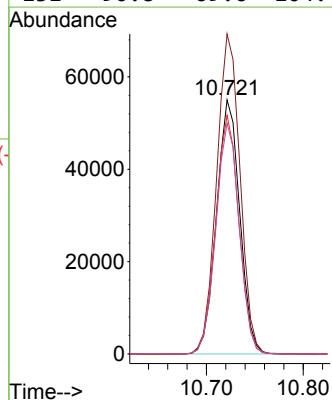
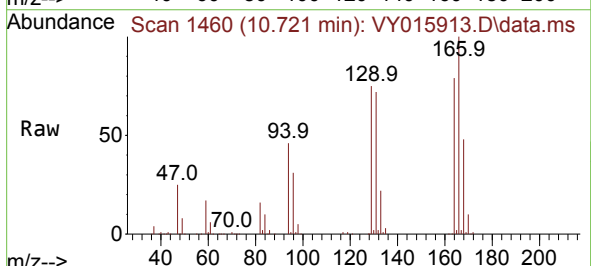
Ion Ratio Lower Upper

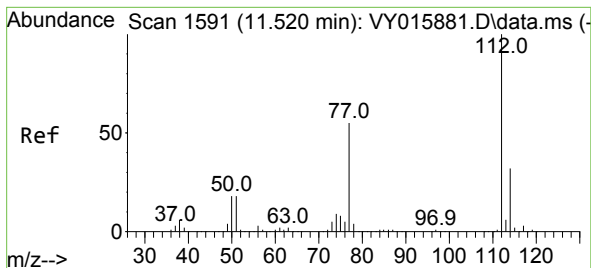
164 100

166 125.9 103.0 154.6

129 94.0 77.2 115.8

131 90.8 69.6 104.4





#65

Chlorobenzene

Concen: 51.998 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

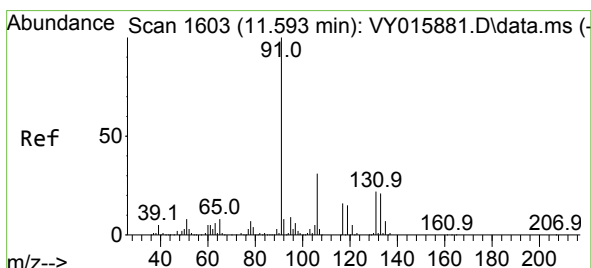
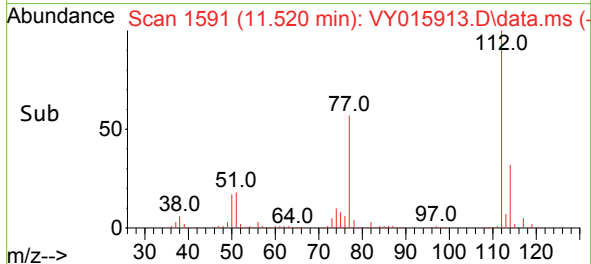
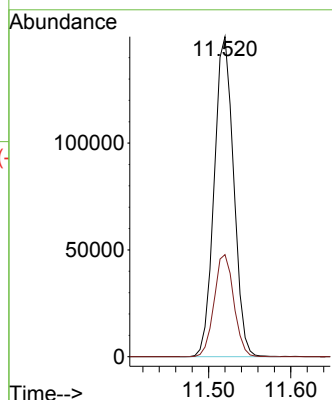
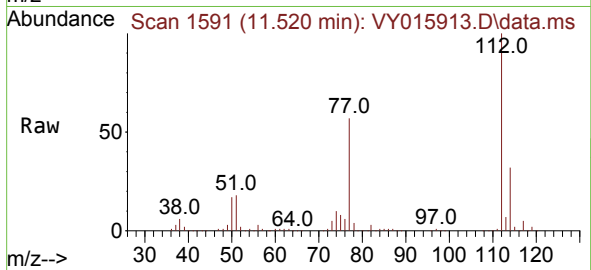
ClientSampleId :

Tgt Ion:112 Resp: 245686

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.185 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

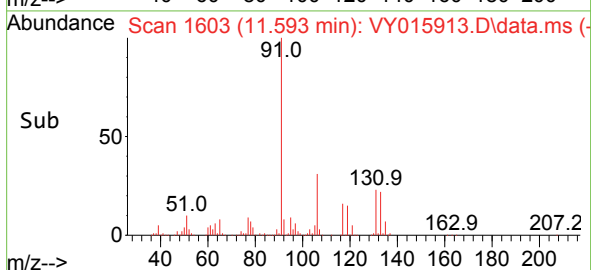
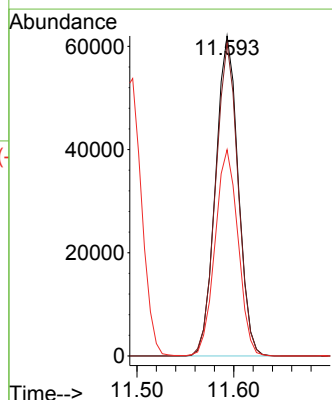
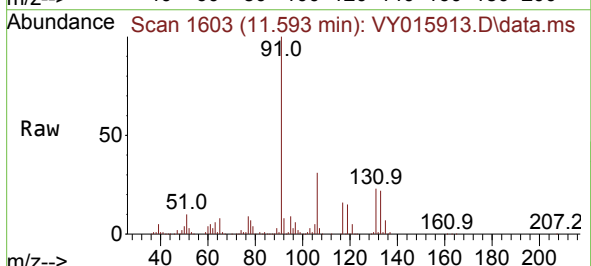
Tgt Ion:131 Resp: 100780

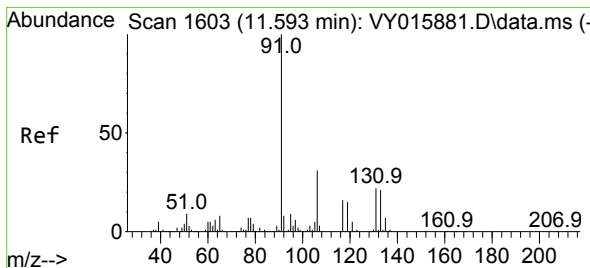
Ion Ratio Lower Upper

131 100

133 96.9 47.5 142.6

119 65.6 31.6 94.7





#67

Ethyl Benzene

Concen: 52.843 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

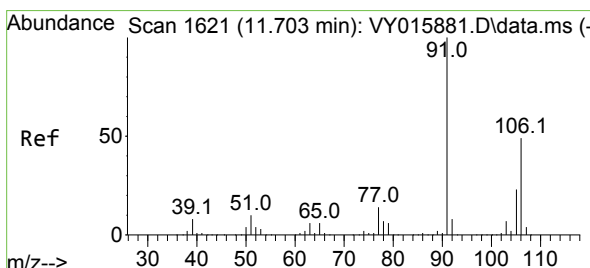
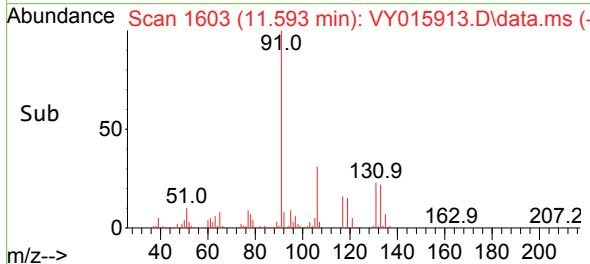
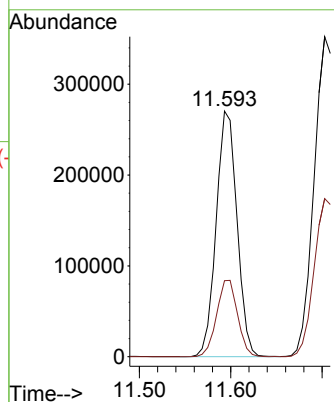
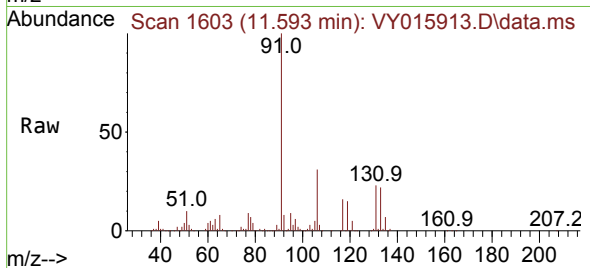
ClientSampleId :

Tgt Ion: 91 Resp: 428344

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 106.196 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015913.D

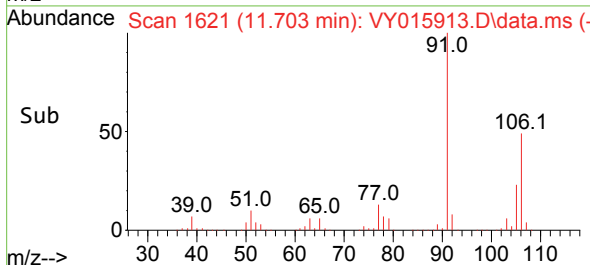
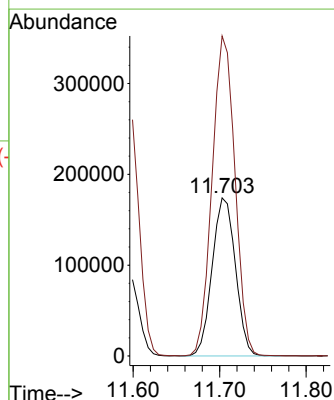
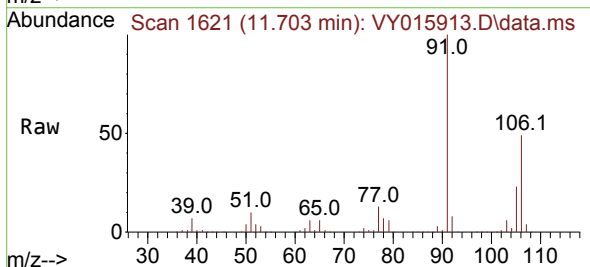
Acq: 11 Oct 2023 09:52

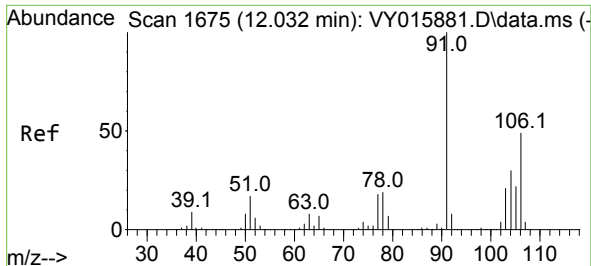
Tgt Ion:106 Resp: 324366

Ion Ratio Lower Upper

106 100

91 199.3 166.1 249.1

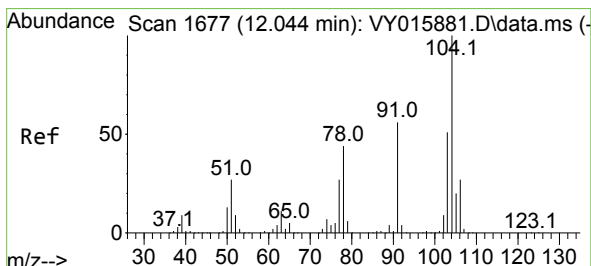
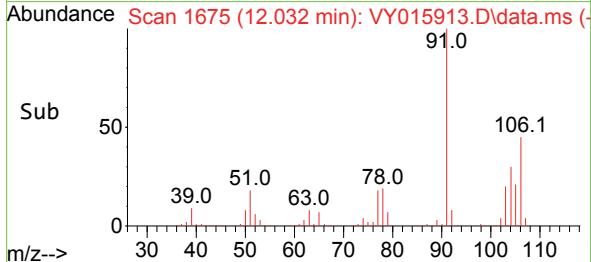
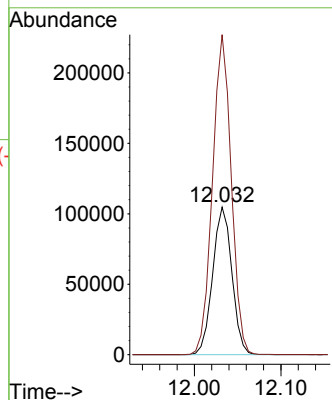
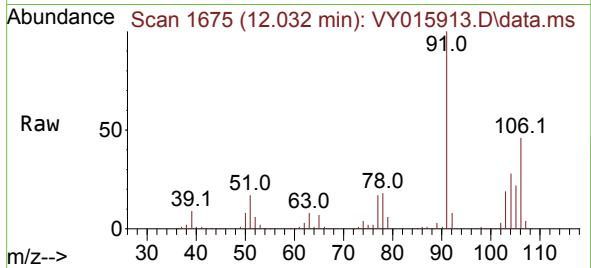




#69
o-Xylene
Concen: 52.806 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

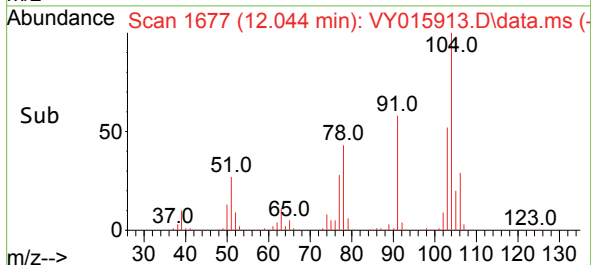
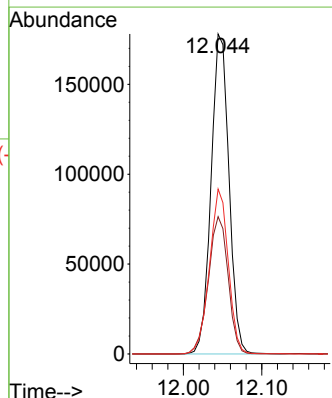
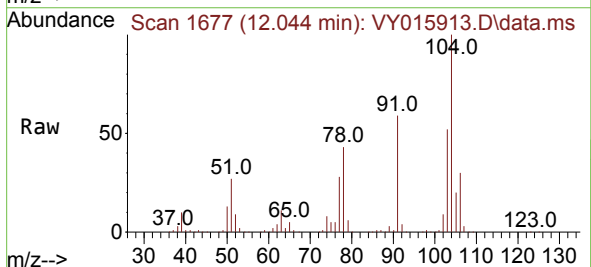
Instrument :
MSVOA_Y
ClientSampleId :

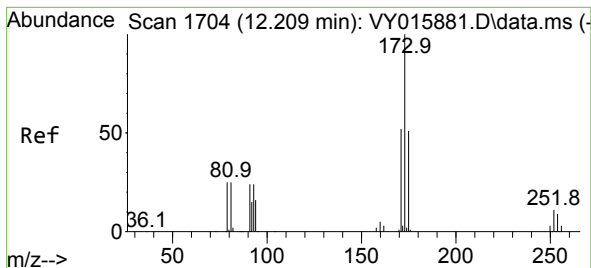
Tgt Ion:106 Resp: 161378
Ion Ratio Lower Upper
106 100
91 212.1 108.1 324.3



#70
Styrene
Concen: 53.062 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion:104 Resp: 282927
Ion Ratio Lower Upper
104 100
78 47.3 41.5 62.3
103 54.1 44.6 67.0





#71

Bromoform

Concen: 50.433 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

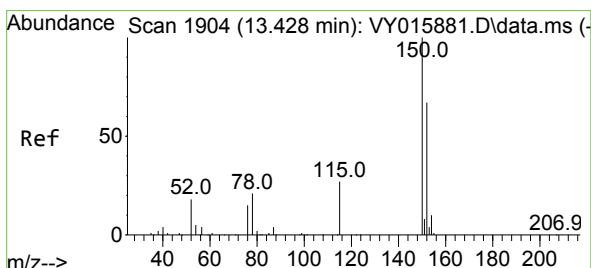
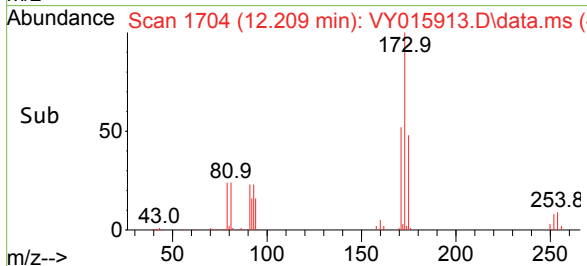
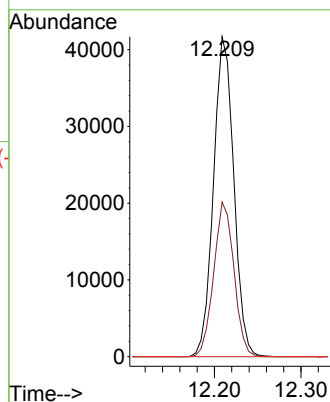
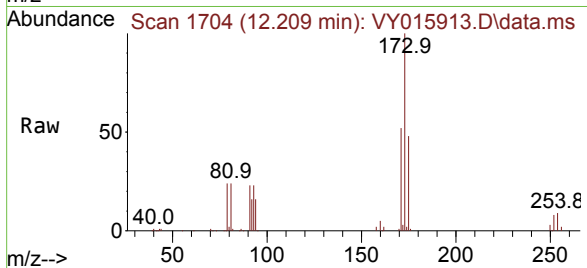
Tgt Ion:173 Resp: 67824

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

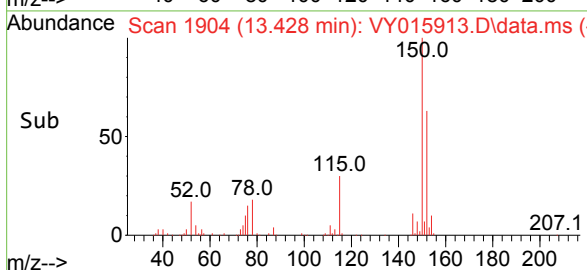
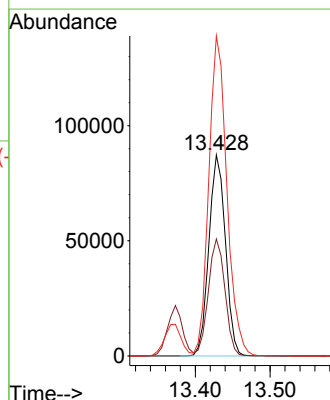
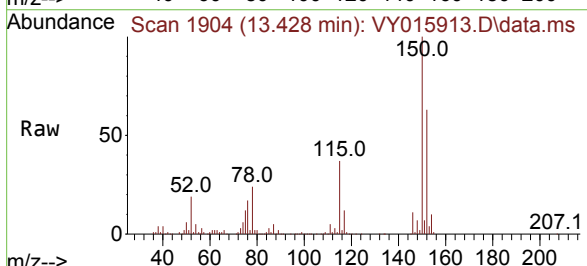
Tgt Ion:152 Resp: 134900

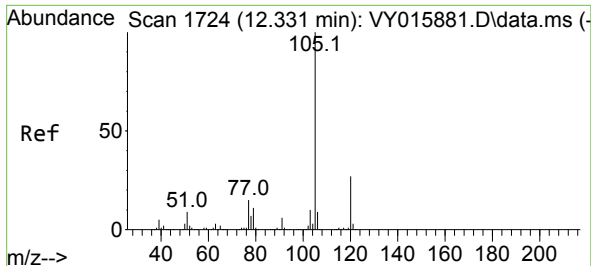
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

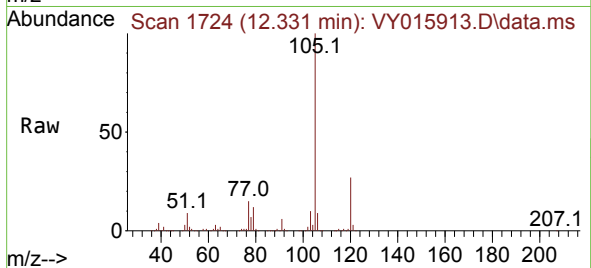
150 172.7 0.0 348.8



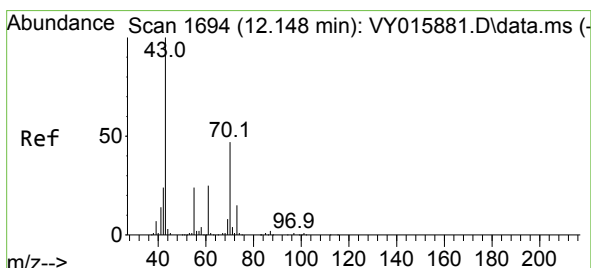
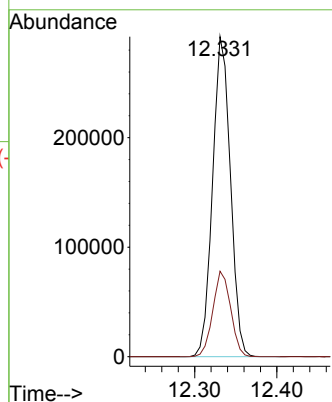
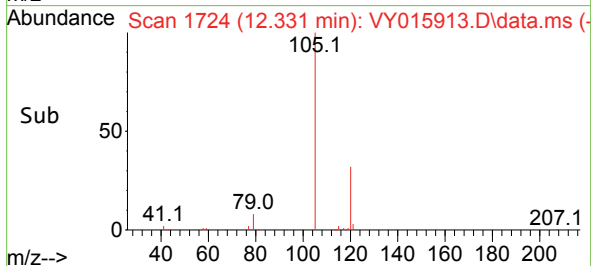


#73
Isopropylbenzene
Concen: 51.759 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

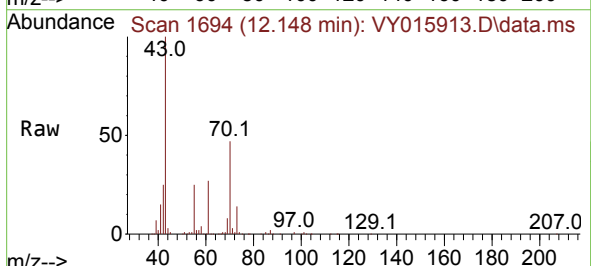
Instrument :
MSVOA_Y
ClientSampleId :



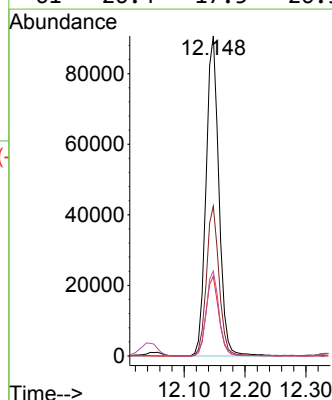
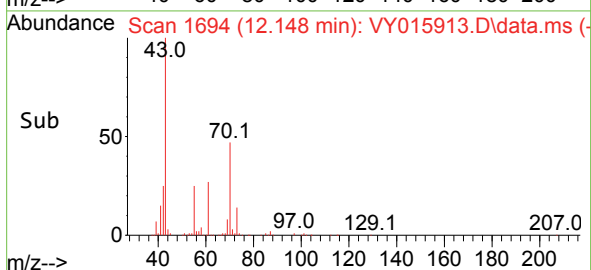
Tgt Ion:105 Resp: 440450
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9

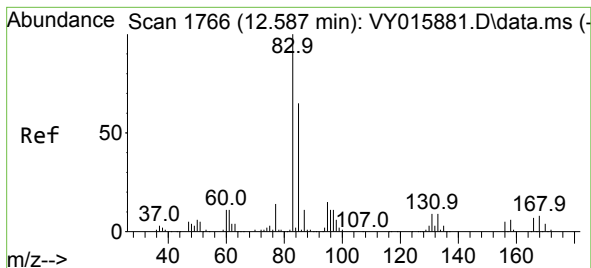


#74
N-ethyl acetate
Concen: 49.765 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52



Tgt Ion: 43 Resp: 133458
Ion Ratio Lower Upper
43 100
70 46.0 29.7 44.5#
55 24.8 18.3 27.5
61 26.4 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 48.556 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

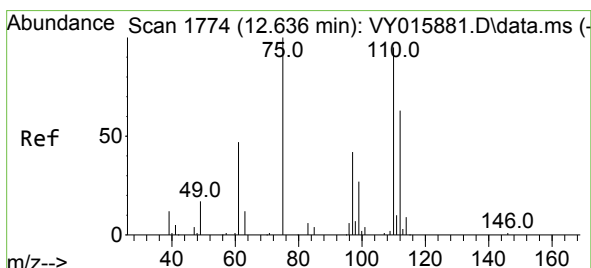
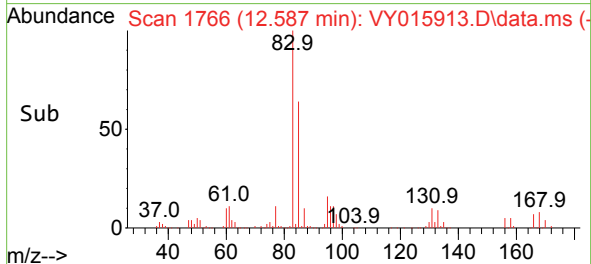
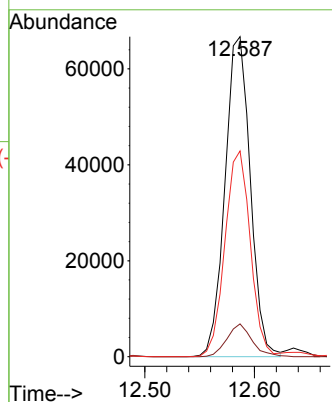
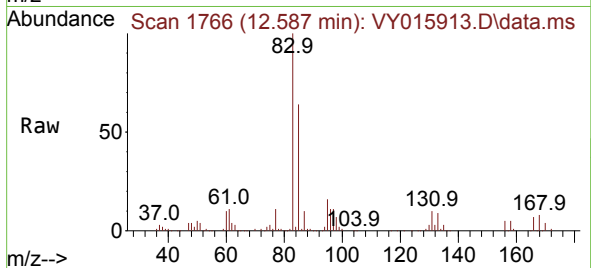
Tgt Ion: 83 Resp: 107140

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 86.824 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY015913.D

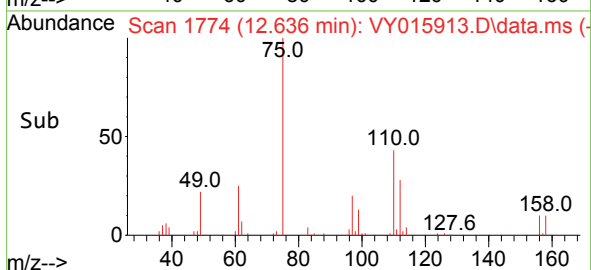
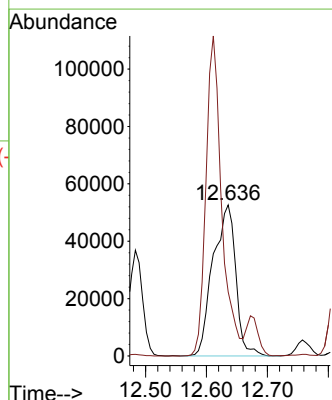
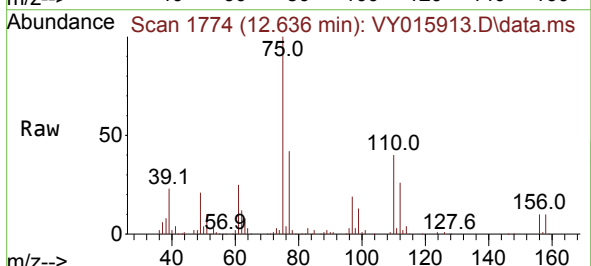
Acq: 11 Oct 2023 09:52

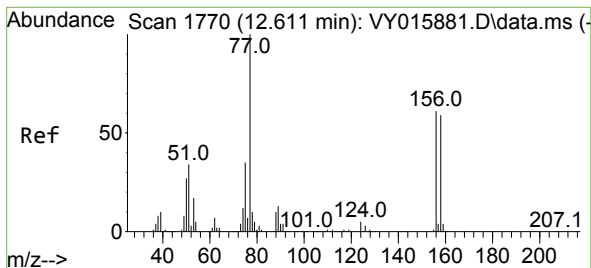
Tgt Ion: 75 Resp: 136729

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.954 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

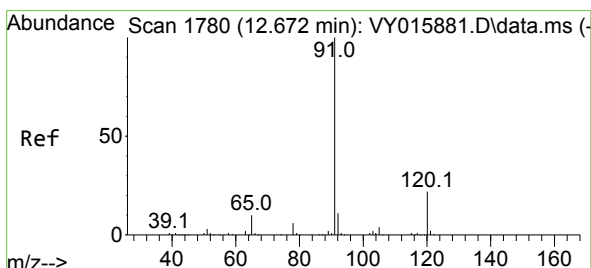
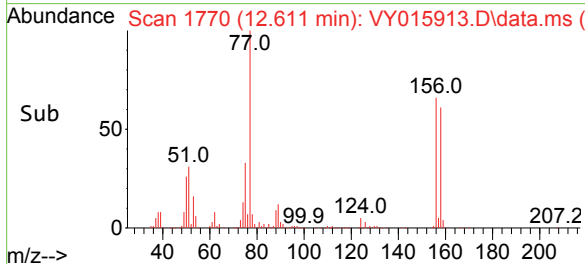
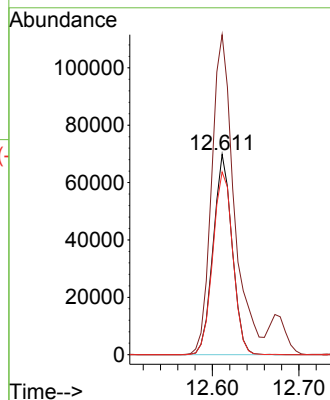
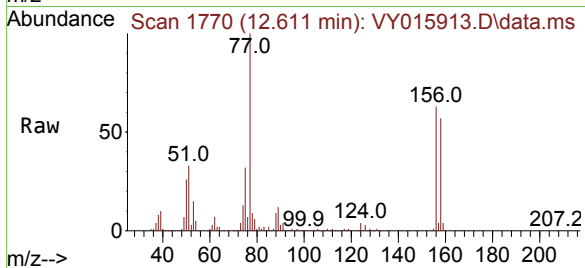
Tgt Ion:156 Resp: 106320

Ion Ratio Lower Upper

156 100

77 189.9 92.8 278.6

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 51.516 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015913.D

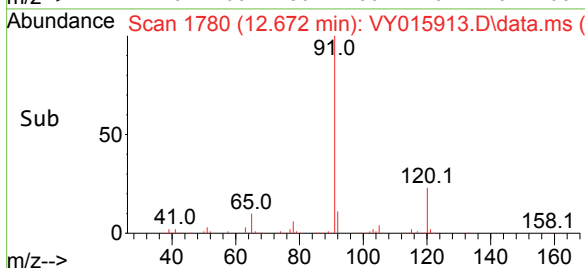
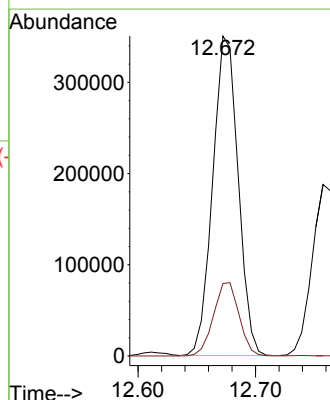
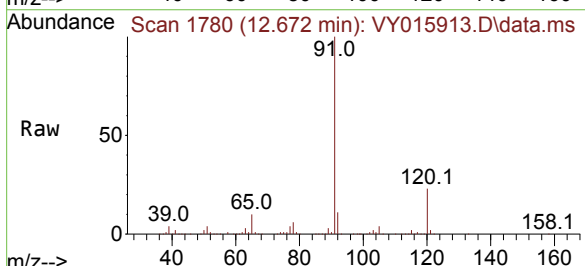
Acq: 11 Oct 2023 09:52

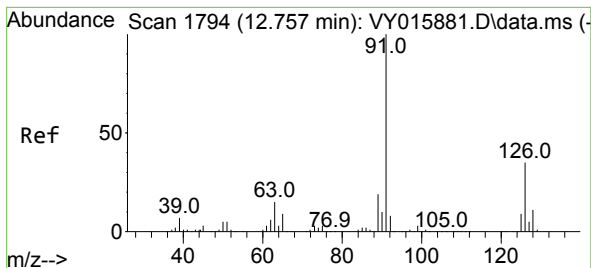
Tgt Ion: 91 Resp: 527188

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

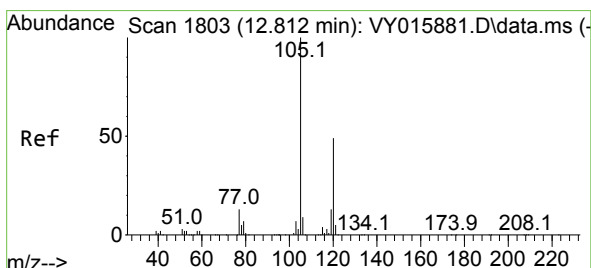
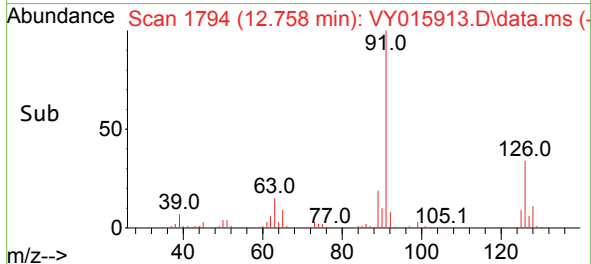
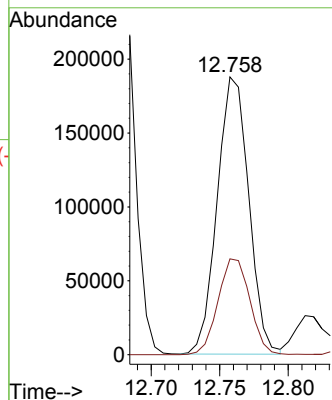
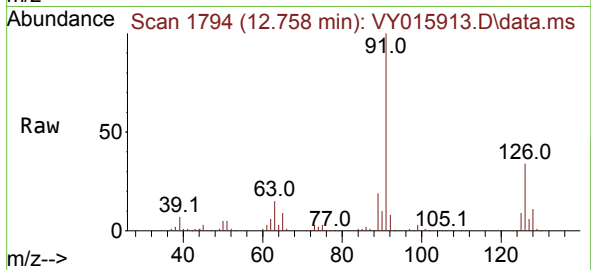




#79
2-Chlorotoluene
Concen: 51.667 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

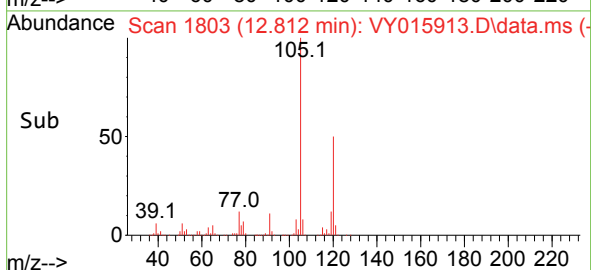
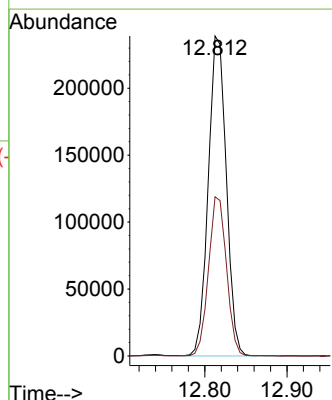
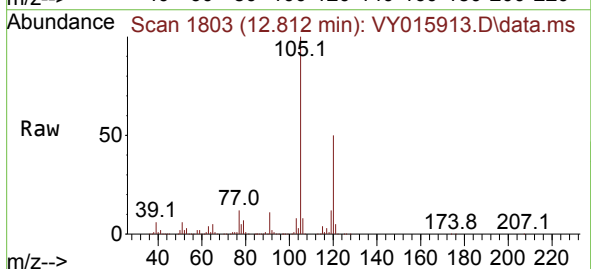
Instrument :
MSVOA_Y
ClientSampleId :

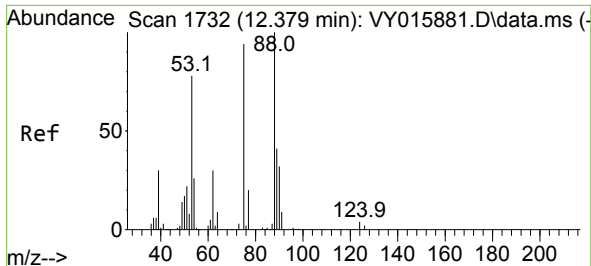
Tgt Ion: 91 Resp: 301182
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.899 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion:105 Resp: 363998
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7

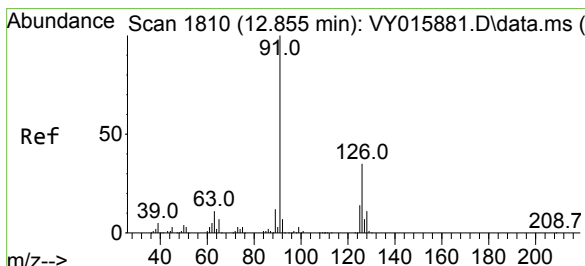
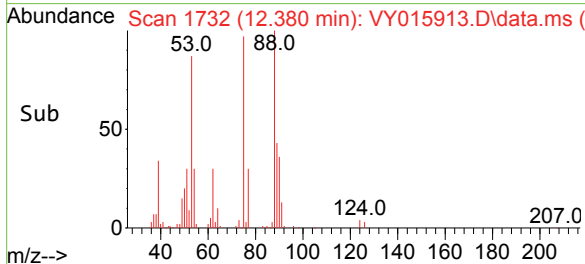
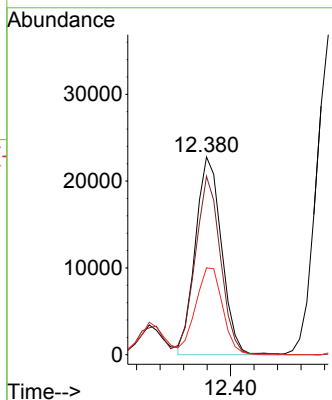
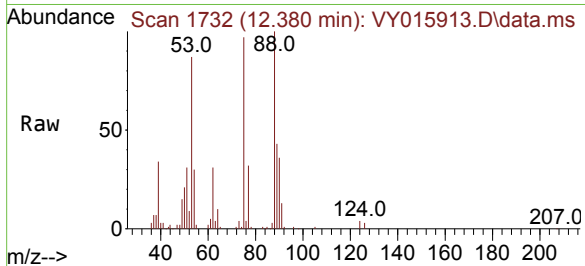




#81
trans-1,4-Dichloro-2-butene
Concen: 49.611 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

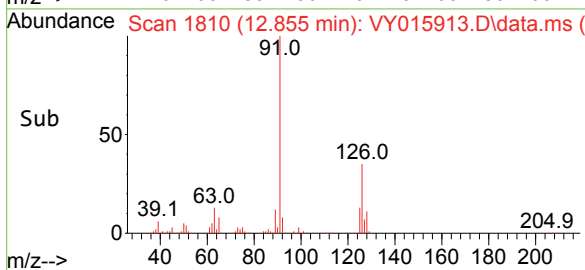
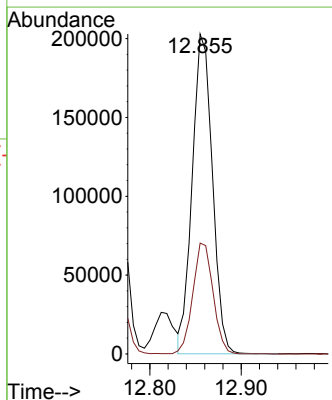
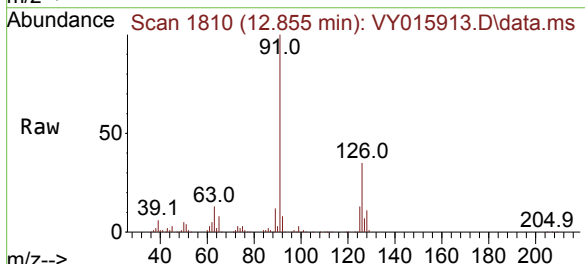
Instrument :
MSVOA_Y
ClientSampleId :

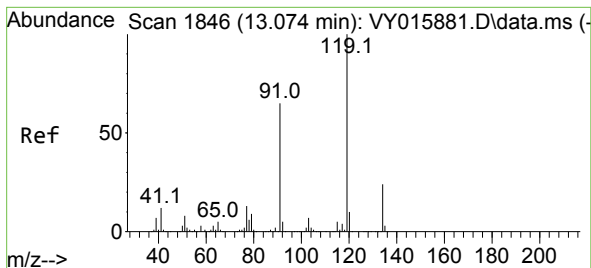
Tgt Ion: 75 Resp: 35232
Ion Ratio Lower Upper
75 100
53 86.6 77.8 116.8
89 45.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.125 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015913.D
Acq: 11 Oct 2023 09:52

Tgt Ion: 91 Resp: 310567
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.391 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

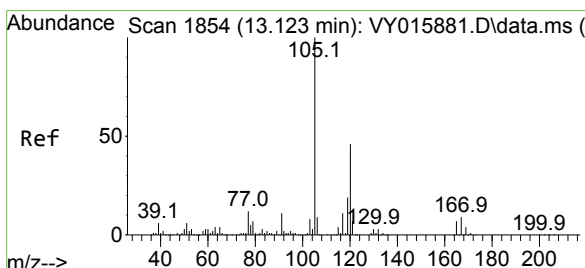
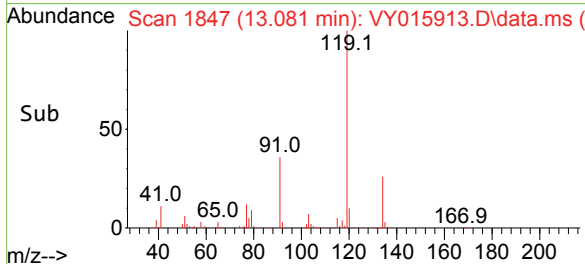
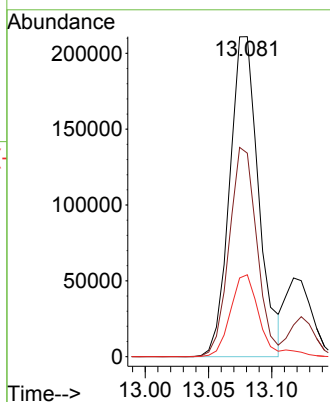
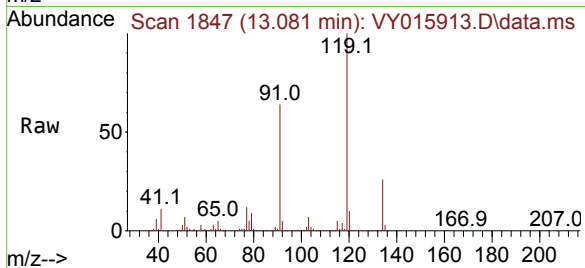
Tgt Ion:119 Resp: 336383

Ion Ratio Lower Upper

119 100

91 62.5 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.420 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY015913.D

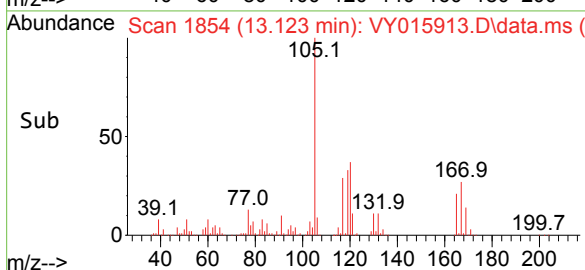
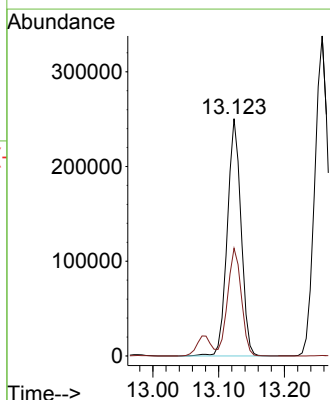
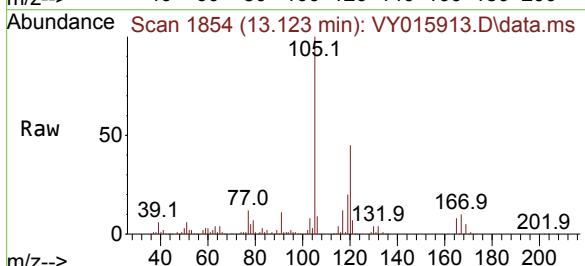
Acq: 11 Oct 2023 09:52

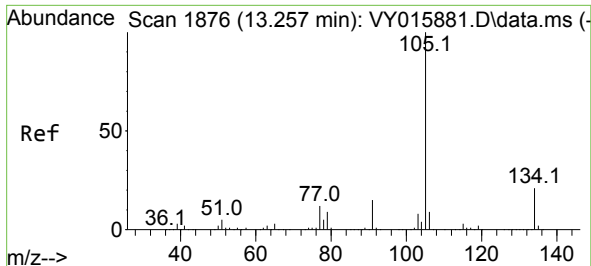
Tgt Ion:105 Resp: 363173

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6

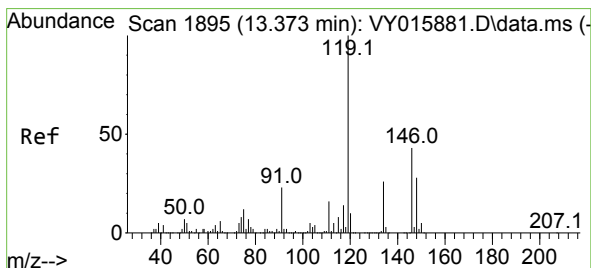
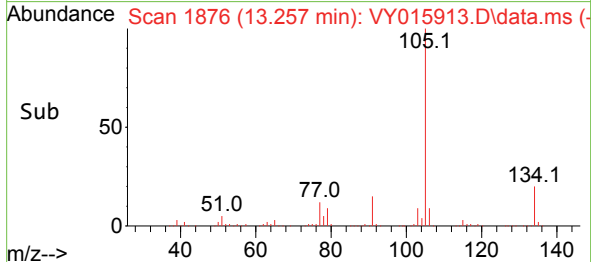
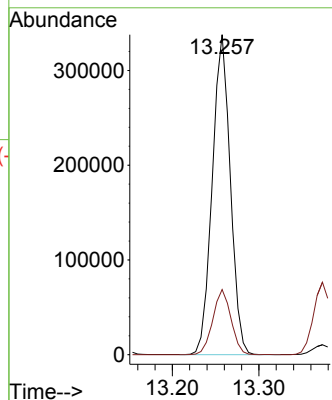
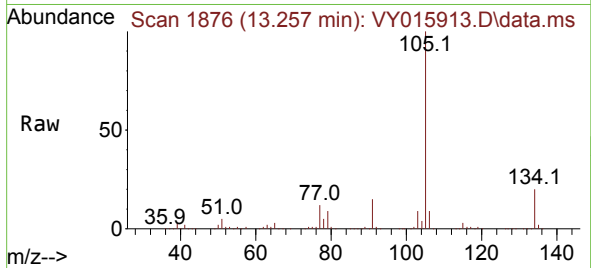




#85
 sec-Butylbenzene
 Concen: 50.898 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY015913.D
 Acq: 11 Oct 2023 09:52

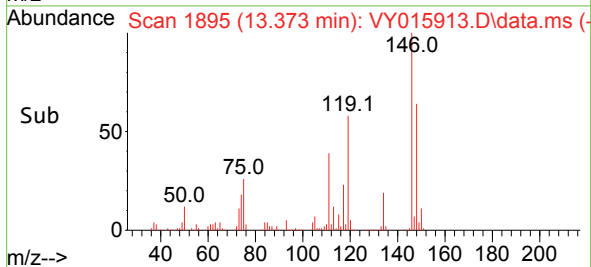
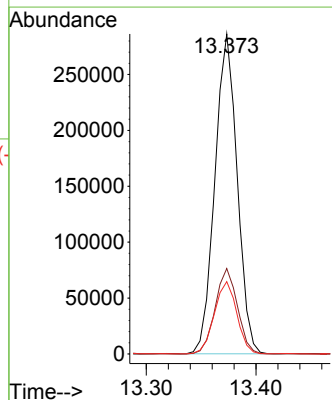
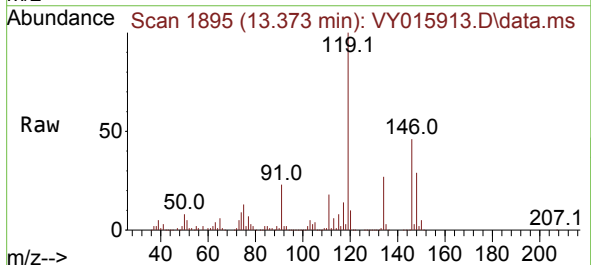
Instrument :
 MSVOA_Y
 ClientSampleId :

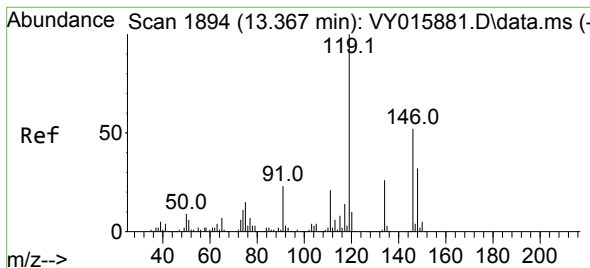
Tgt Ion:105 Resp: 488585
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 50.870 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY015913.D
 Acq: 11 Oct 2023 09:52

Tgt Ion:119 Resp: 403956
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.441 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

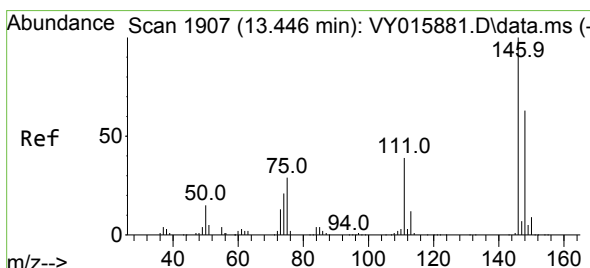
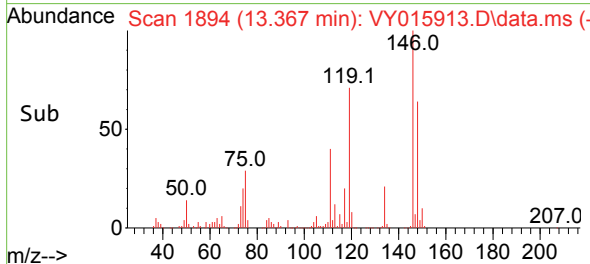
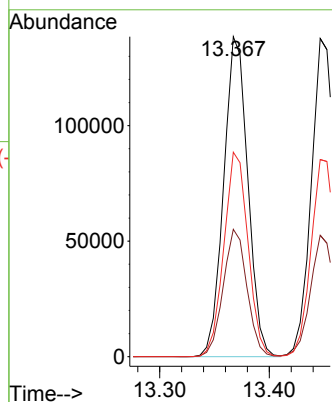
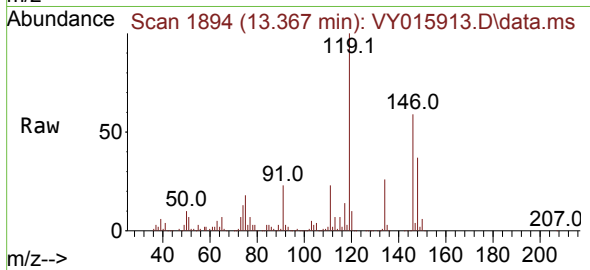
Tgt Ion:146 Resp: 211899

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.244 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

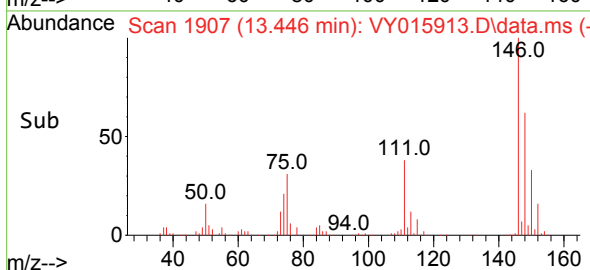
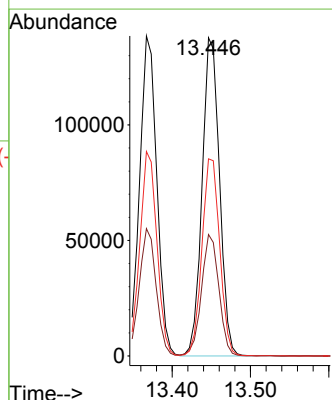
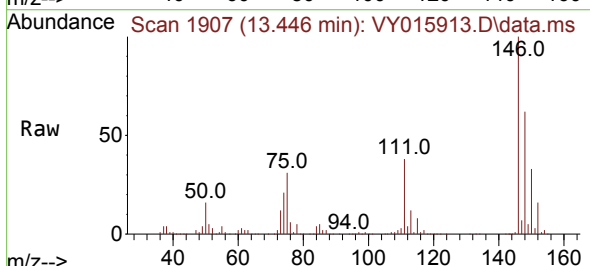
Tgt Ion:146 Resp: 212556

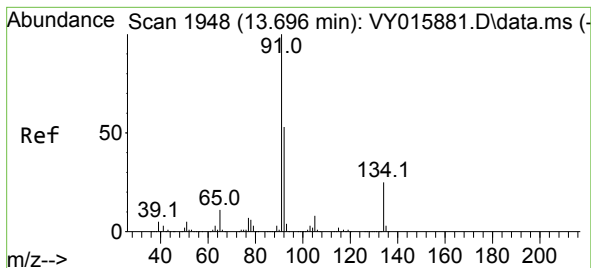
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 50.751 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

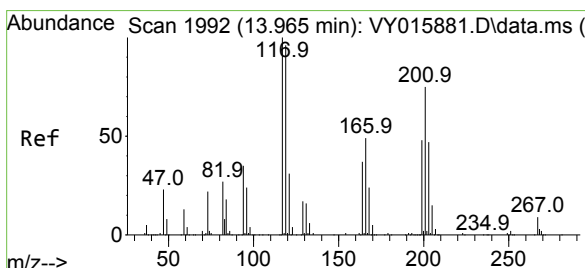
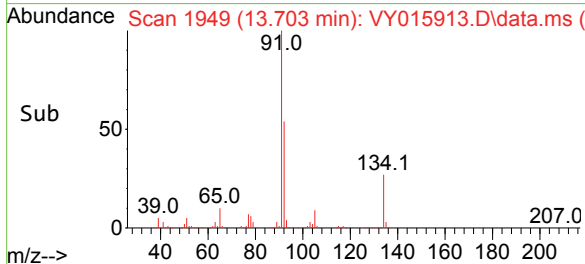
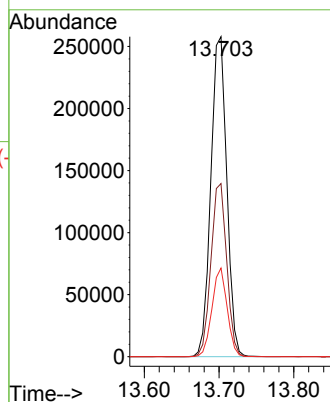
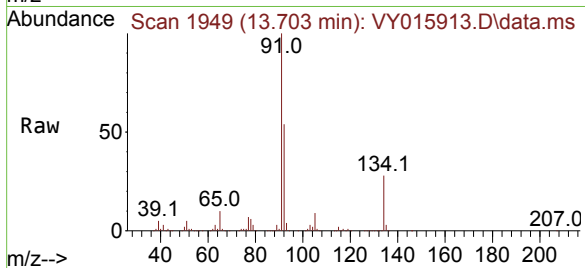
Tgt Ion: 91 Resp: 381372

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 50.523 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY015913.D

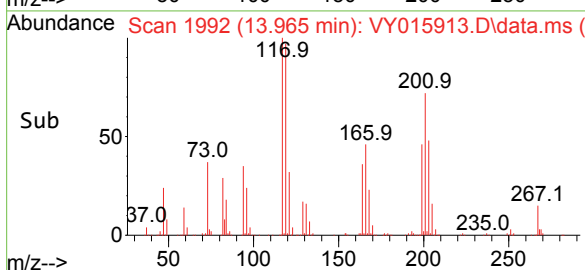
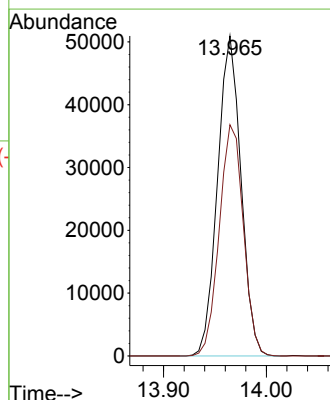
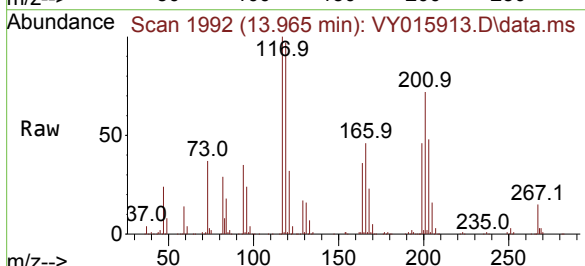
Acq: 11 Oct 2023 09:52

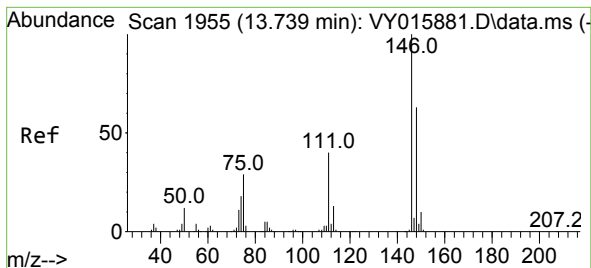
Tgt Ion: 117 Resp: 80515

Ion Ratio Lower Upper

117 100

201 74.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.090 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

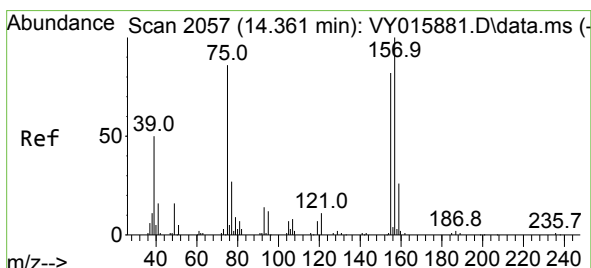
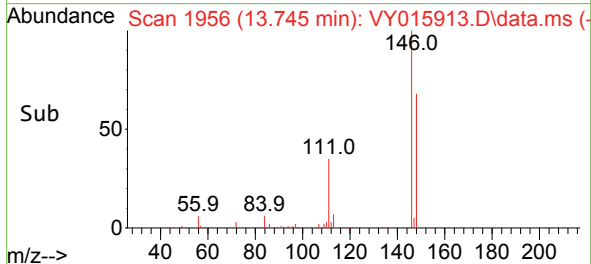
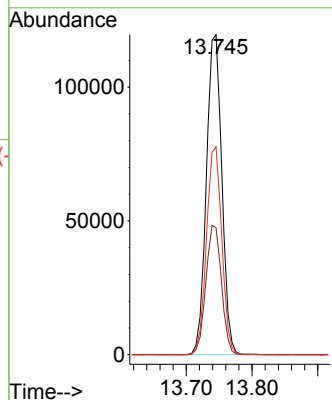
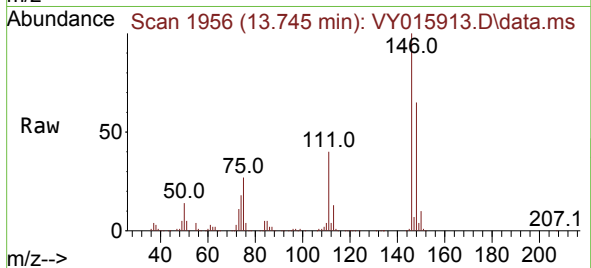
Tgt Ion:146 Resp: 195595

Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.0

148 64.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.633 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

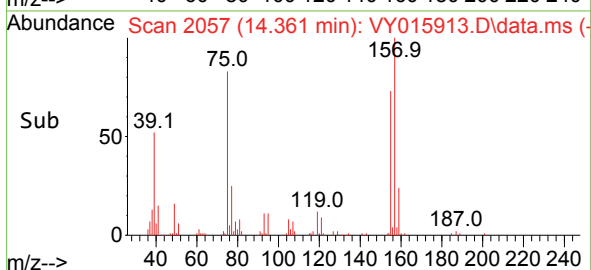
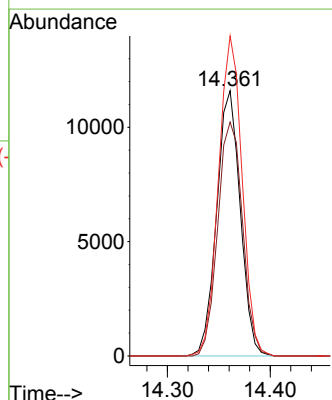
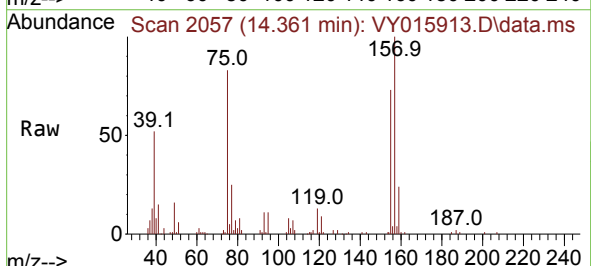
Tgt Ion: 75 Resp: 18458

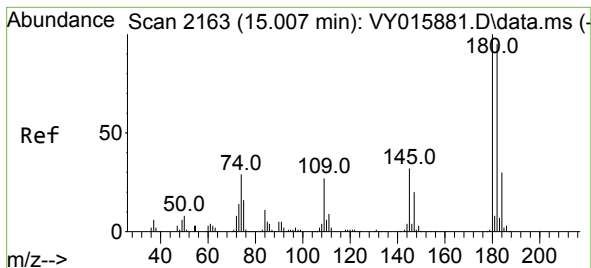
Ion Ratio Lower Upper

75 100

155 92.6 41.5 124.6

157 120.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.226 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

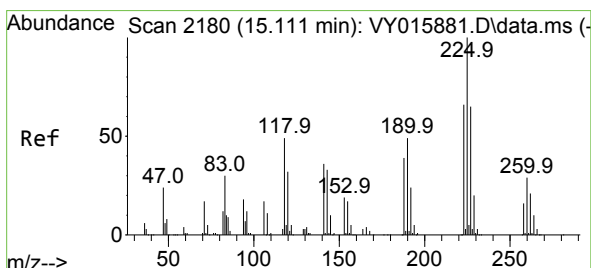
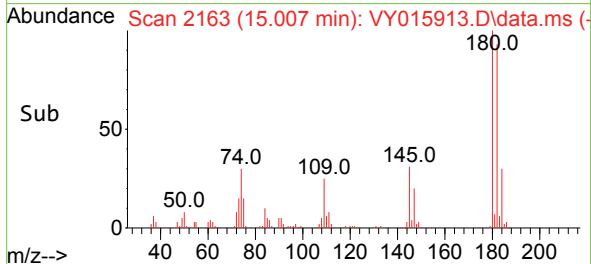
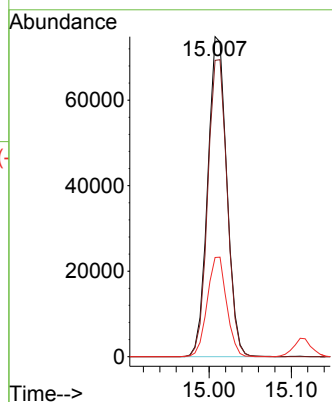
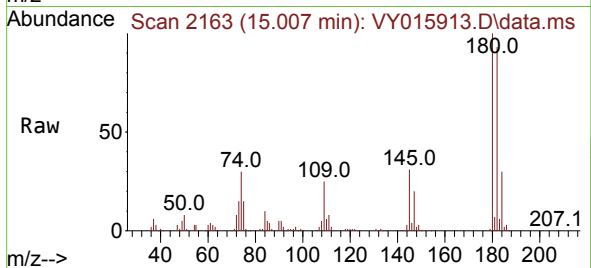
Tgt Ion:180 Resp: 120690

Ion Ratio Lower Upper

180 100

182 94.3 47.0 141.2

145 31.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.975 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

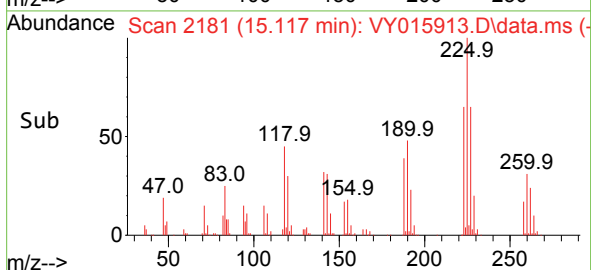
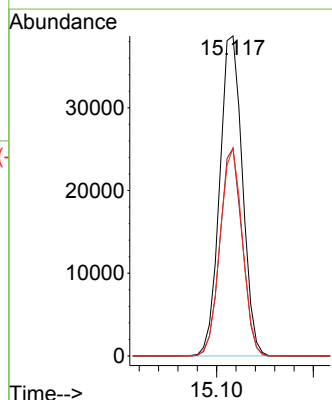
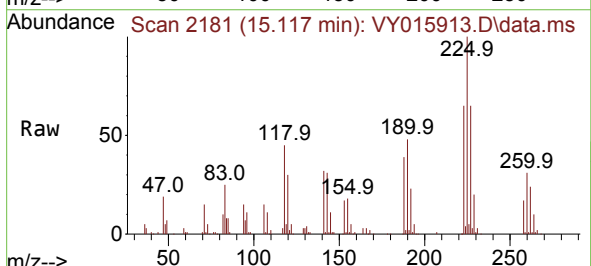
Tgt Ion:225 Resp: 62951

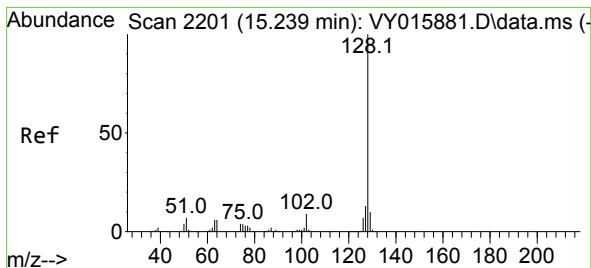
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 48.775 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Instrument :

MSVOA_Y

ClientSampleId :

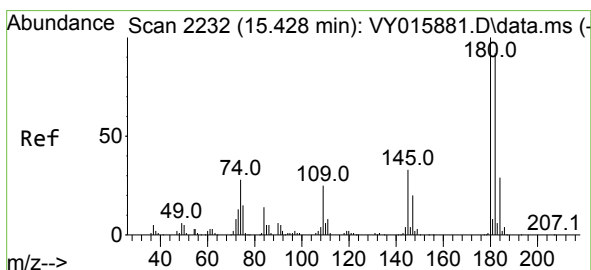
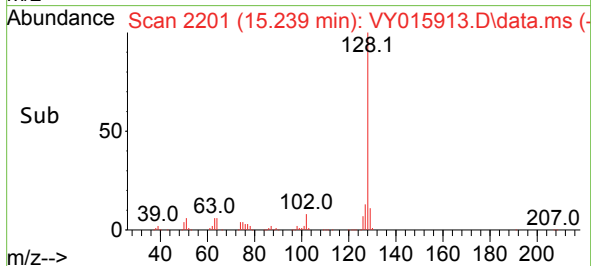
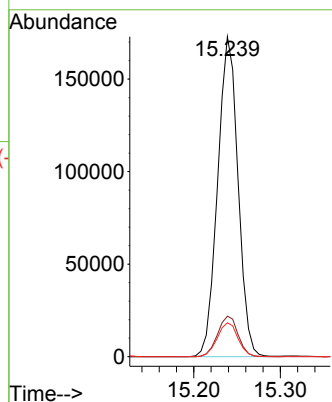
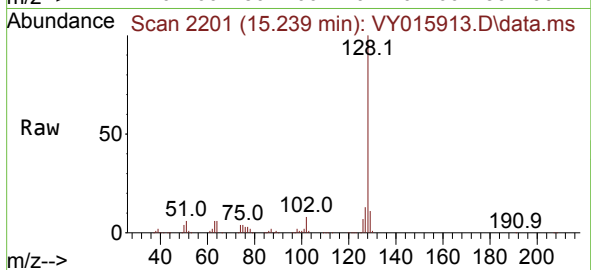
Tgt Ion:128 Resp: 282381

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 48.639 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015913.D

Acq: 11 Oct 2023 09:52

Tgt Ion:180 Resp: 108278

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.8

145 32.1 15.4 46.2

