

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100623\
 Data File : VY015874.D
 Acq On : 06 Oct 2023 19:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 07 07:32:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 05:54:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	201136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	336391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	311140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160885	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102001	51.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.100%	
35) Dibromofluoromethane	7.716	113	92349	48.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.320%	
50) Toluene-d8	10.179	98	313023	50.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.560%	
62) 4-Bromofluorobenzene	12.477	95	127424	50.075	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	35824	38.729	ug/l	96
3) Chloromethane	2.107	50	44514	43.304	ug/l	96
4) Vinyl Chloride	2.241	62	53258	41.135	ug/l	99
5) Bromomethane	2.650	94	44020	48.062	ug/l	98
6) Chloroethane	2.784	64	34191	36.972	ug/l	94
7) Trichlorofluoromethane	3.113	101	113068	45.012	ug/l	98
8) Diethyl Ether	3.528	74	47818	43.663	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	63638	38.868	ug/l	96
10) Methyl Iodide	4.076	142	48806	33.162	ug/l	98
11) Tert butyl alcohol	5.052	59	139216	330.142	ug/l	99
12) 1,1-Dichloroethene	3.857	96	53846	41.123	ug/l	92
13) Acrolein	3.741	56	52222	342.066	ug/l	98
14) Allyl chloride	4.473	41	104432	42.304	ug/l	91
15) Acrylonitrile	5.180	53	236576	276.927	ug/l	97
16) Acetone	3.979	43	208480	203.351	ug/l	93
17) Carbon Disulfide	4.180	76	85578	41.533	ug/l	98
18) Methyl Acetate	4.491	43	218659	65.532	ug/l	93
19) Methyl tert-butyl Ether	5.229	73	263310	42.545	ug/l	98
20) Methylene Chloride	4.710	84	91945	40.782	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	62345	41.335	ug/l	92
22) Diisopropyl ether	6.125	45	260341	40.614	ug/l	95
23) Vinyl Acetate	6.064	43	791194	203.924	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	133865	39.326	ug/l	96
25) 2-Butanone	7.003	43	360043	255.307	ug/l	97
26) 2,2-Dichloropropane	6.978	77	113533	35.892	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	86965	39.887	ug/l	96
28) Bromochloromethane	7.332	49	93356	46.897	ug/l	94
29) Tetrahydrofuran	7.362	42	249639	317.247	ug/l	92
30) Chloroform	7.509	83	152182	39.965	ug/l	97
31) Cyclohexane	7.783	56	85870	38.498	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	123186	39.572	ug/l	98
36) 1,1-Dichloropropene	7.917	75	91587	40.037	ug/l	98
37) Ethyl Acetate	7.082	43	158718	62.001	ug/l	99
38) Carbon Tetrachloride	7.899	117	104101	38.703	ug/l	97
39) Methylcyclohexane	9.179	83	98575	40.292	ug/l	95
40) Benzene	8.161	78	291776	40.648	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	59905	48.881	ug/l	94
42) 1,2-Dichloroethane	8.234	62	108471	41.970	ug/l	93
43) Isopropyl Acetate	8.277	43	213877	48.540	ug/l	98
44) Trichloroethene	8.941	130	91436	43.525	ug/l	97
45) 1,2-Dichloropropane	9.216	63	84365	39.736	ug/l	97
46) Dibromomethane	9.307	93	57842	42.613	ug/l	97
47) Bromodichloromethane	9.496	83	125717	39.901	ug/l	95
48) Methyl methacrylate	9.295	41	94484	49.098	ug/l	90
49) 1,4-Dioxane	9.362	88	44512	1463.932	ug/l #	57
51) 4-Methyl-2-Pentanone	10.069	43	755335	274.030	ug/l	92
52) Toluene	10.246	92	190519	40.566	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	134055	40.549	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	139416	39.724	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	89033	41.752	ug/l	97
56) Ethyl methacrylate	10.508	69	139655	45.168	ug/l #	86
57) 1,3-Dichloropropane	10.789	76	145444	42.662	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	496867	275.794	ug/l	95
59) 2-Hexanone	10.831	43	605040	282.875	ug/l	89
60) Dibromochloromethane	10.984	129	101551	41.230	ug/l	99
61) 1,2-Dibromoethane	11.087	107	86308	43.309	ug/l	99
64) Tetrachloroethene	10.721	164	103992	47.550	ug/l	98
65) Chlorobenzene	11.514	112	226563	39.374	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	92192	38.968	ug/l	99
67) Ethyl Benzene	11.593	91	382530	38.841	ug/l	98
68) m/p-Xylenes	11.703	106	293051	78.277	ug/l	97
69) o-Xylene	12.026	106	148097	39.771	ug/l	98
70) Styrene	12.044	104	260842	40.124	ug/l	97
71) Bromoform	12.209	173	78277	44.372	ug/l #	98
73) Isopropylbenzene	12.325	105	393344	37.742	ug/l	99
74) N-amyl acetate	12.142	43	170425	42.318	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	126737	41.167	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	181149	76.060	ug/l #	100
77) Bromobenzene	12.605	156	99566	38.618	ug/l	90
78) n-propylbenzene	12.666	91	472329	37.837	ug/l	100
79) 2-Chlorotoluene	12.752	91	274484	38.182	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	330310	38.030	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	45410	44.137	ug/l	94
82) 4-Chlorotoluene	12.849	91	286864	38.127	ug/l	100
83) tert-Butylbenzene	13.075	119	299012	37.662	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	333944	38.271	ug/l	99
85) sec-Butylbenzene	13.252	105	438457	37.642	ug/l	100
86) p-Isopropyltoluene	13.367	119	365604	37.692	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	194341	37.647	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	197699	37.878	ug/l	99
89) n-Butylbenzene	13.697	91	343677	37.235	ug/l	97
90) Hexachloroethane	13.959	117	71051	37.527	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	189486	38.976	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34449	55.766	ug/l	89
93) 1,2,4-Trichlorobenzene	15.001	180	122131	38.597	ug/l	98
94) Hexachlorobutadiene	15.111	225	61220	37.131	ug/l	97
95) Naphthalene	15.233	128	456290	54.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	118943	40.119	ug/l	99

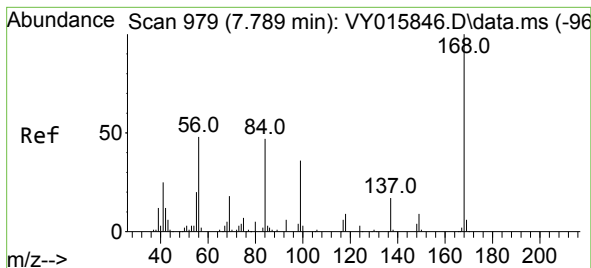
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

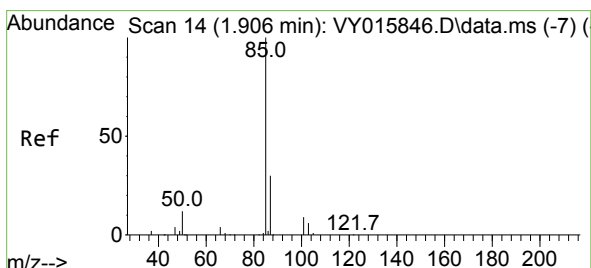
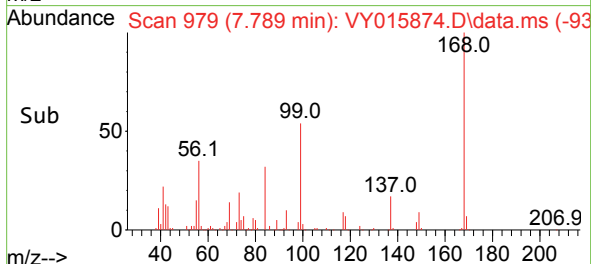
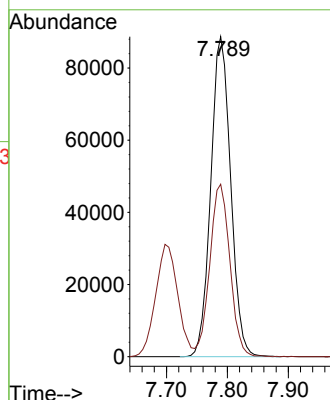
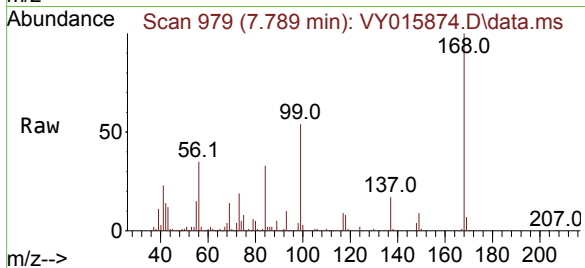
ClientSampleId :

Tgt Ion:168 Resp: 201136

Ion Ratio Lower Upper

168 100

99 53.9 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 38.729 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY015874.D

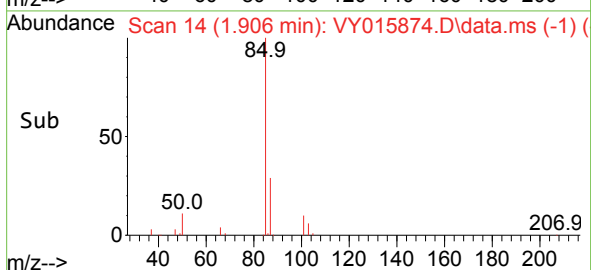
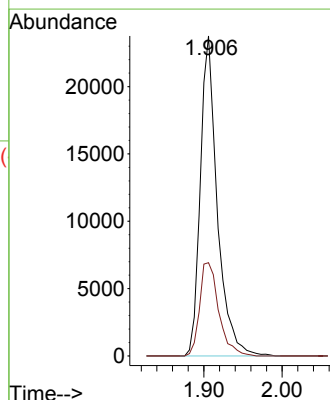
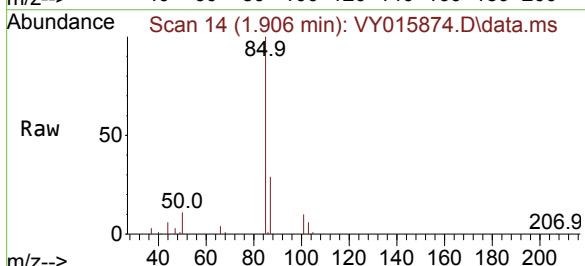
Acq: 06 Oct 2023 19:55

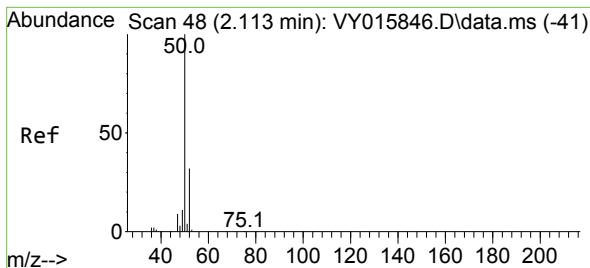
Tgt Ion: 85 Resp: 35824

Ion Ratio Lower Upper

85 100

87 29.1 15.6 46.8





#3

Chloromethane

Concen: 43.304 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

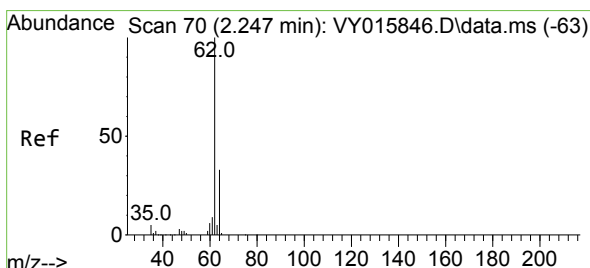
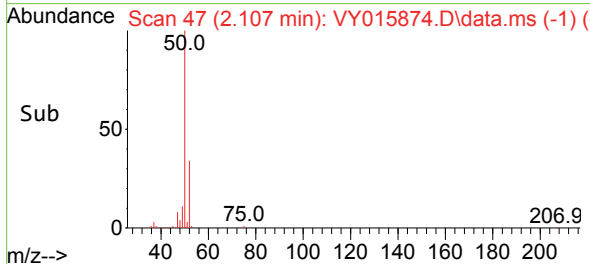
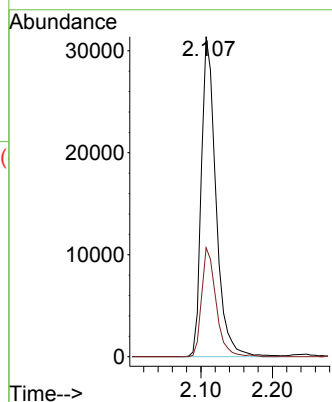
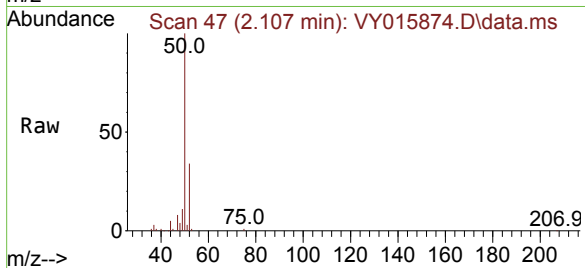
ClientSampleId :

Tgt Ion: 50 Resp: 44514

Ion Ratio Lower Upper

50 100

52 34.0 25.4 38.2



#4

Vinyl Chloride

Concen: 41.135 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.006 min

Lab File: VY015874.D

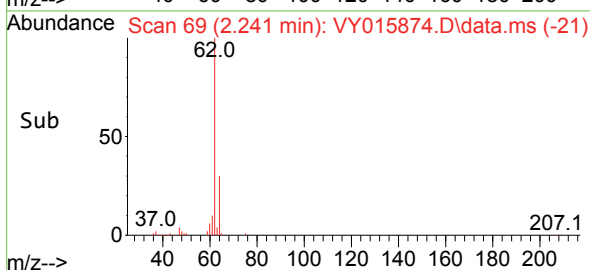
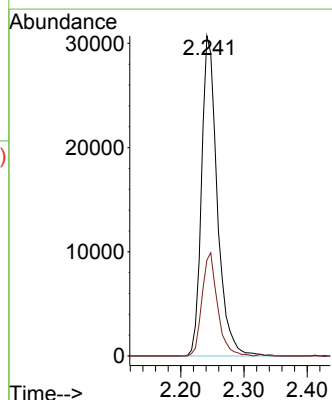
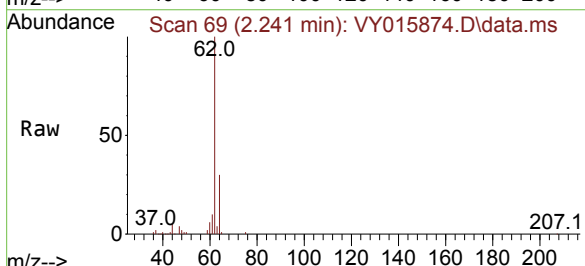
Acq: 06 Oct 2023 19:55

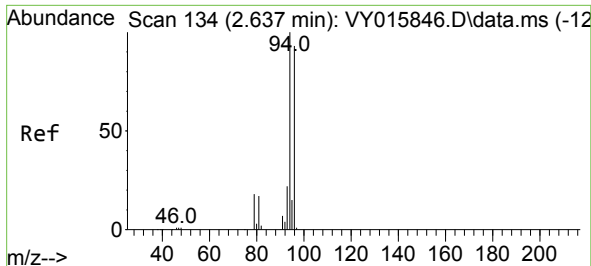
Tgt Ion: 62 Resp: 53258

Ion Ratio Lower Upper

62 100

64 30.0 24.3 36.5





#5

Bromomethane

Concen: 48.062 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

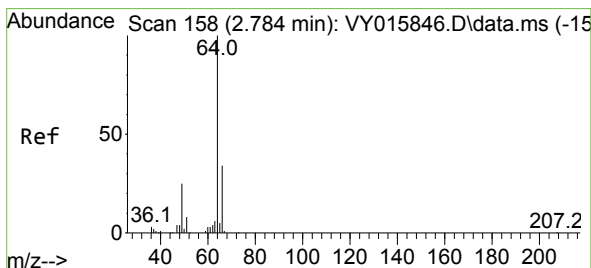
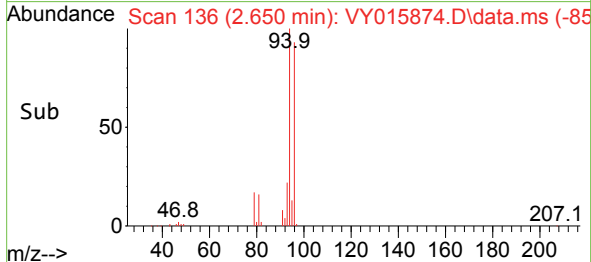
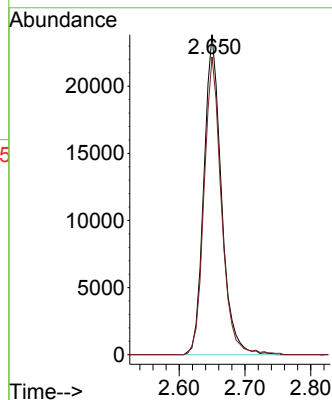
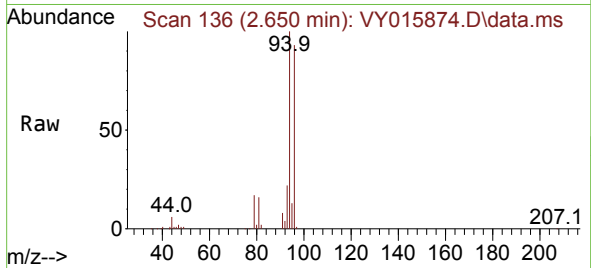
ClientSampleId :

Tgt Ion: 94 Resp: 44020

Ion Ratio Lower Upper

94 100

96 93.1 75.8 113.6



#6

Chloroethane

Concen: 36.972 ug/l

RT: 2.784 min Scan# 158

Delta R.T. 0.000 min

Lab File: VY015874.D

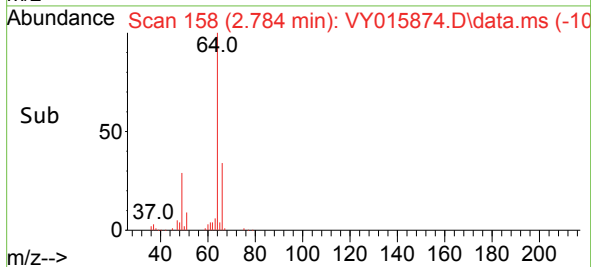
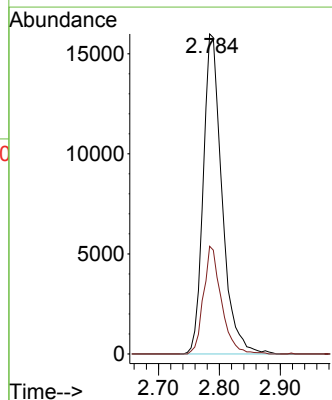
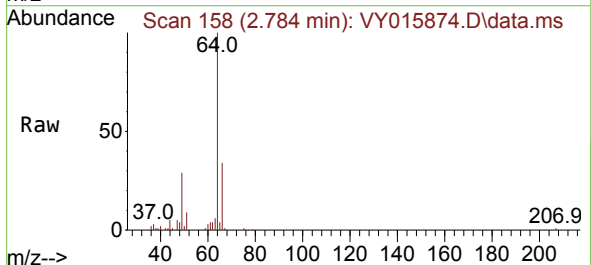
Acq: 06 Oct 2023 19:55

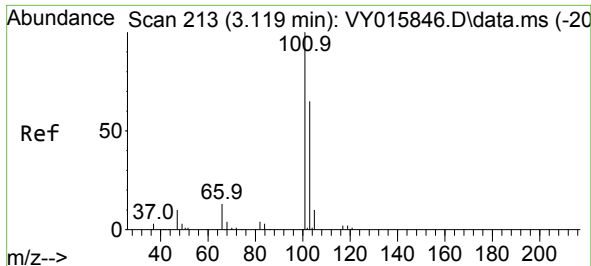
Tgt Ion: 64 Resp: 34191

Ion Ratio Lower Upper

64 100

66 33.6 24.4 36.6

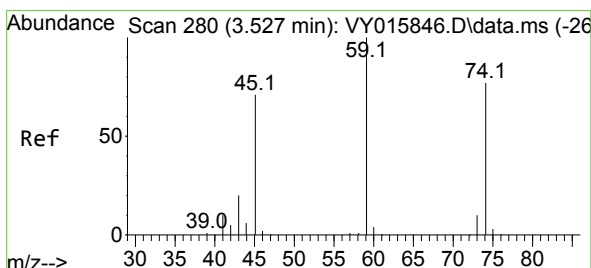
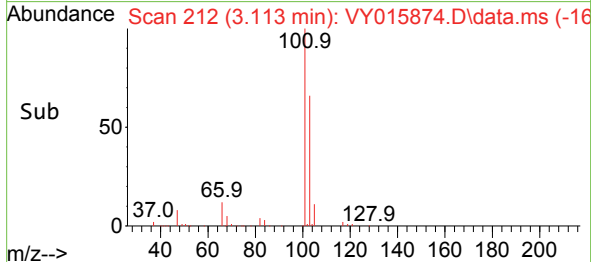
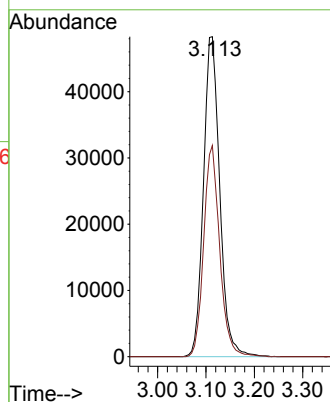
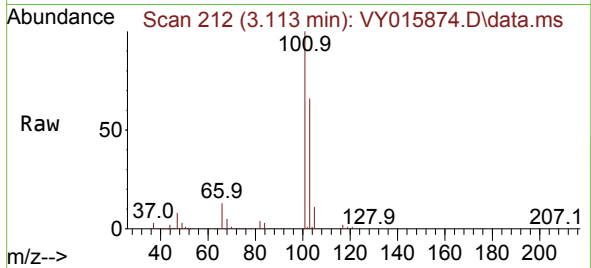




#7
 Trichlorofluoromethane
 Concen: 45.012 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY015874.D
 Acq: 06 Oct 2023 19:55

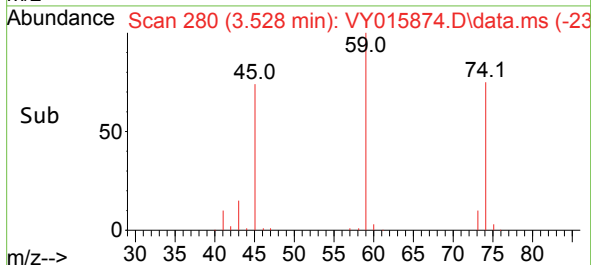
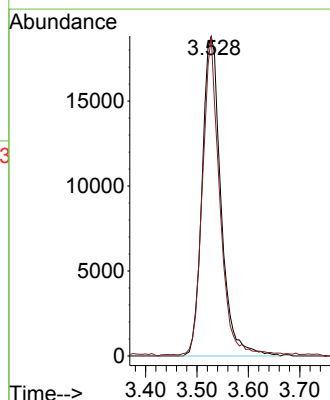
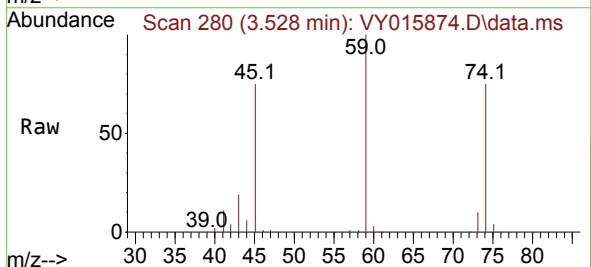
Instrument :
 MSVOA_Y
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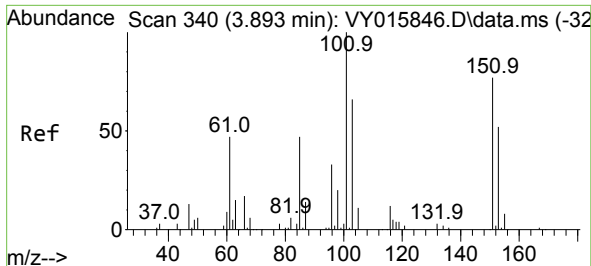
Tgt Ion:101 Resp: 113068
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 43.663 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY015874.D
 Acq: 06 Oct 2023 19:55

Tgt Ion: 74 Resp: 47818
 Ion Ratio Lower Upper
 74 100
 45 90.4 51.5 154.5

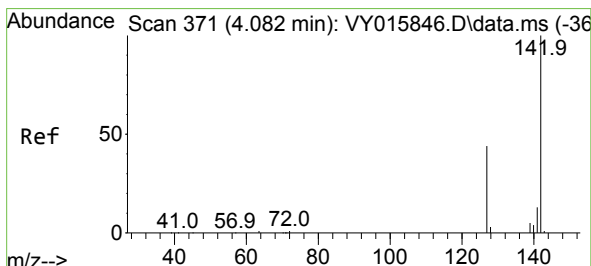
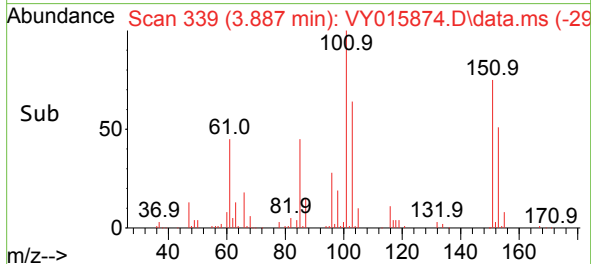
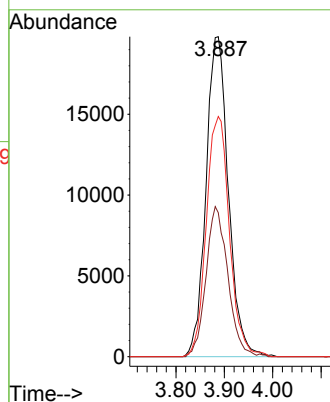
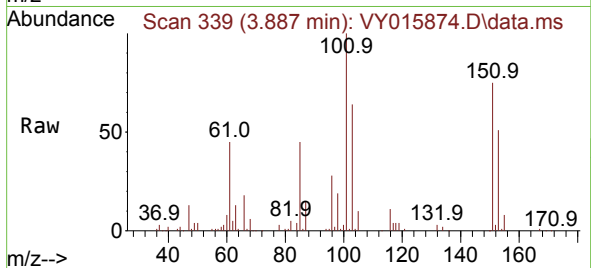




#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.868 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015874.D
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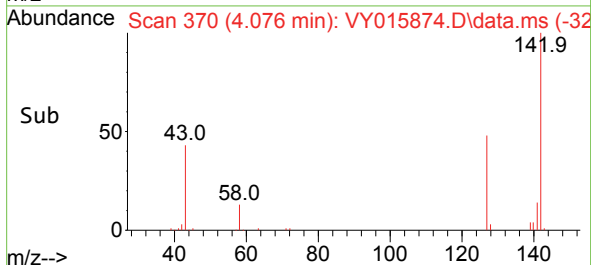
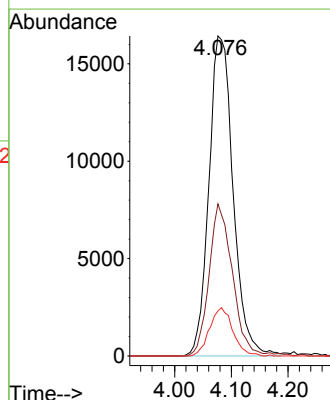
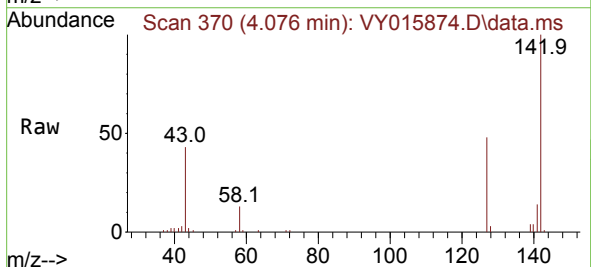
Instrument :
MSVOA_Y
ClientSampleId :

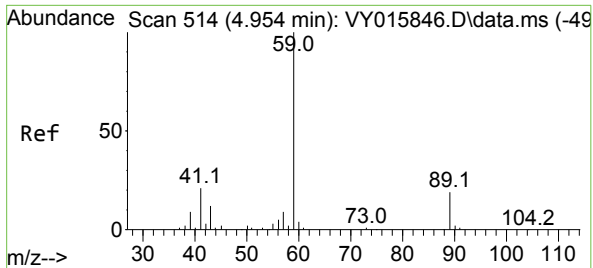
Tgt Ion:101 Resp: 63638
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 77.7 67.0 100.6



#10
Methyl Iodide
Concen: 33.162 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion:142 Resp: 48806
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.5 11.8 17.8

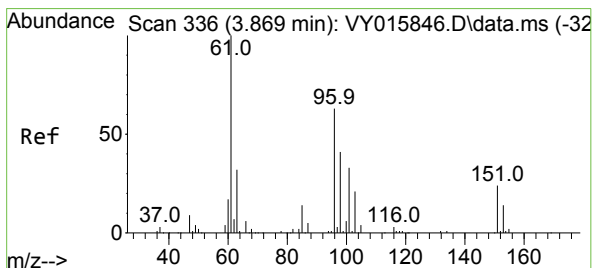
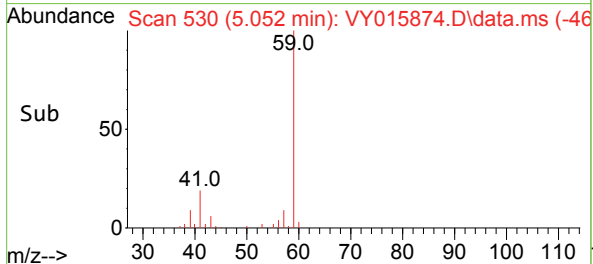
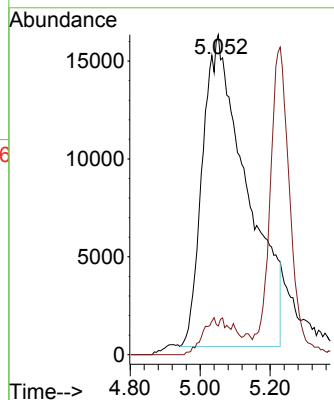
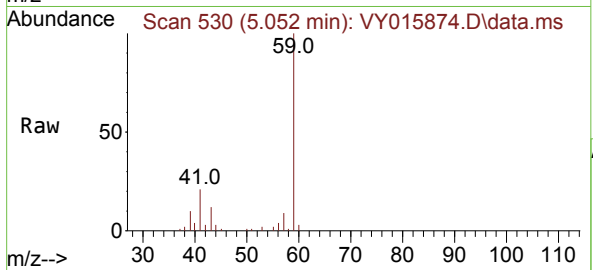




#11
Tert butyl alcohol
Concen: 330.142 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.098 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

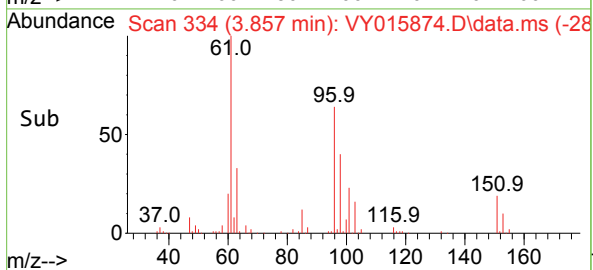
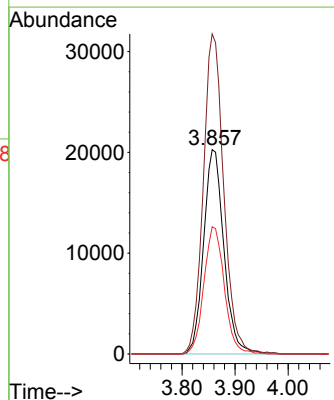
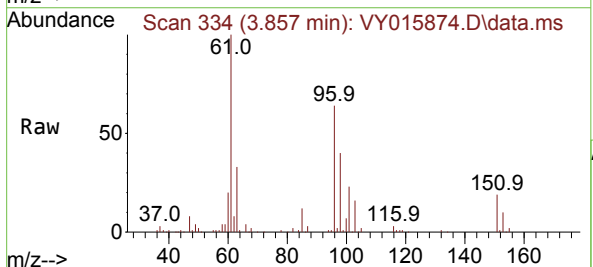
Instrument :
MSVOA_Y
ClientSampleId :

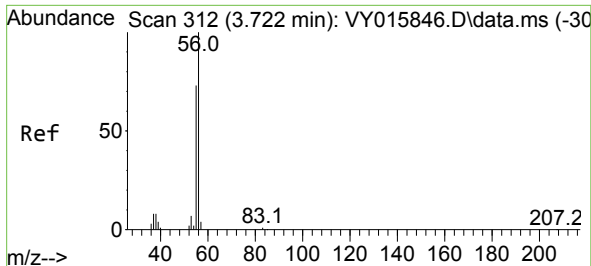
Tgt Ion: 59 Resp: 139216
Ion Ratio Lower Upper
59 100
57 4.1 3.0 4.4



#12
1,1-Dichloroethene
Concen: 41.123 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.012 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion: 96 Resp: 53846
Ion Ratio Lower Upper
96 100
61 156.6 136.4 204.6
98 62.3 49.4 74.2

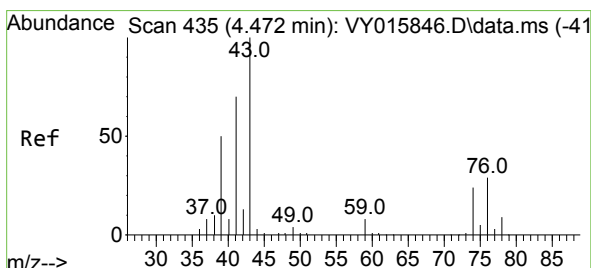
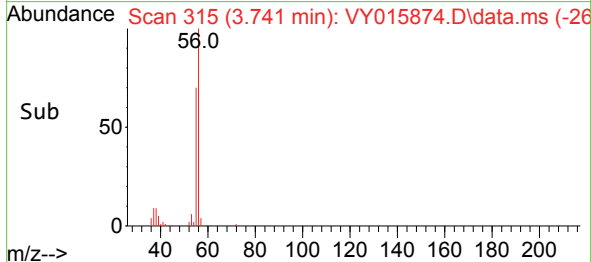
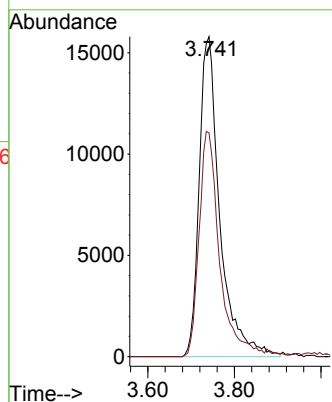
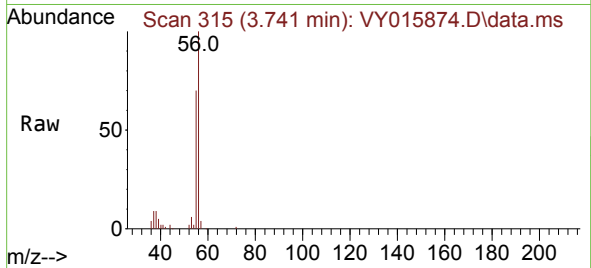




#13
Acrolein
Concen: 342.066 ug/l
RT: 3.741 min Scan# 312
Delta R.T. 0.019 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

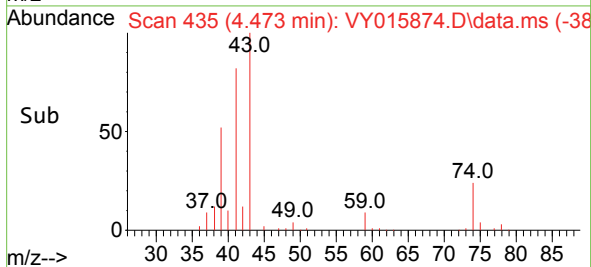
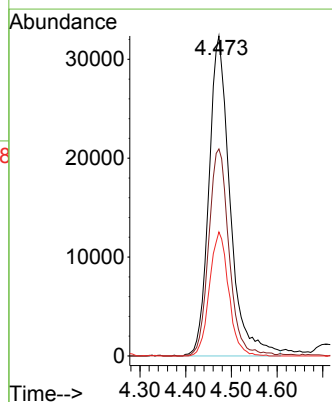
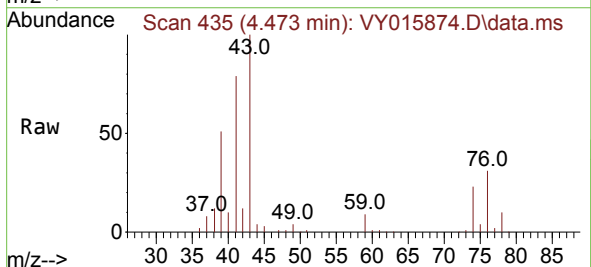
Instrument :
MSVOA_Y
ClientSampleId :

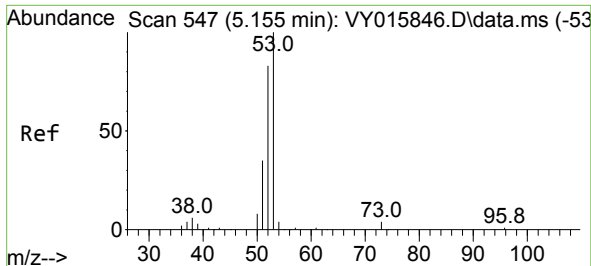
Tgt Ion: 56 Resp: 52222
Ion Ratio Lower Upper
56 100
55 69.7 57.0 85.4



#14
Allyl chloride
Concen: 42.304 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

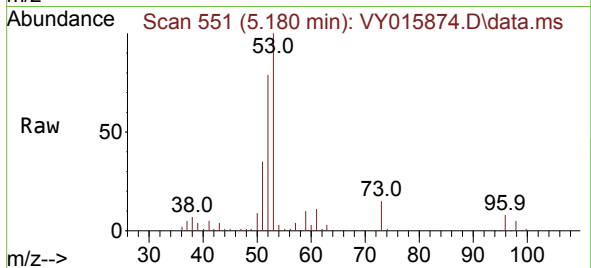
Tgt Ion: 41 Resp: 104432
Ion Ratio Lower Upper
41 100
39 62.3 58.0 87.0
76 35.1 27.4 41.2



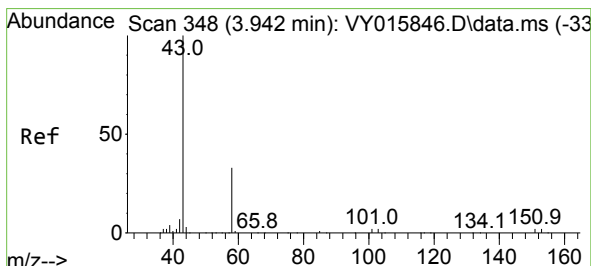
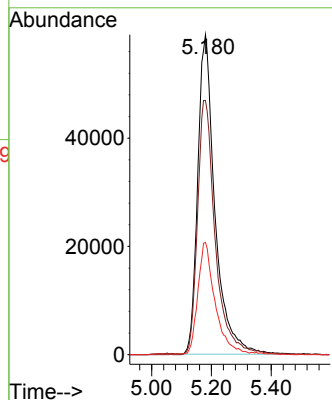
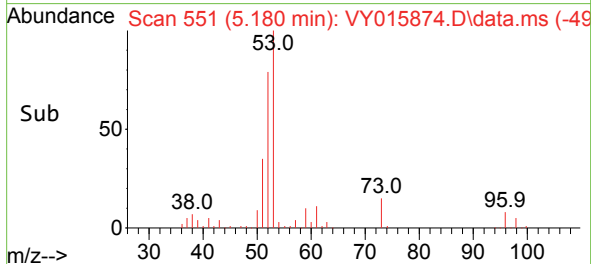


#15
Acrylonitrile
Concen: 276.927 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Instrument :
MSVOA_Y
ClientSampleId :

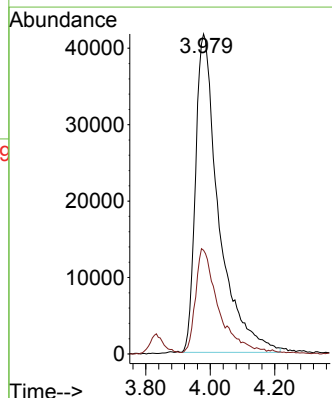
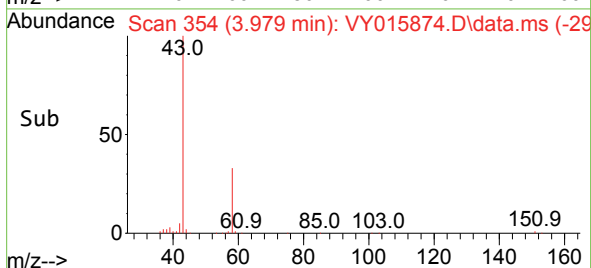
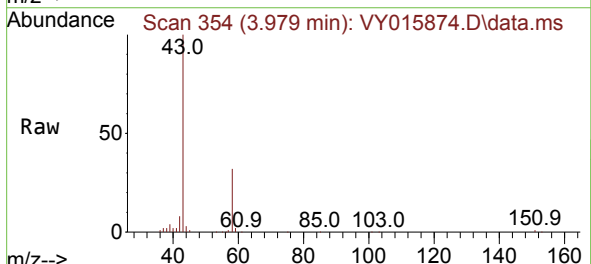


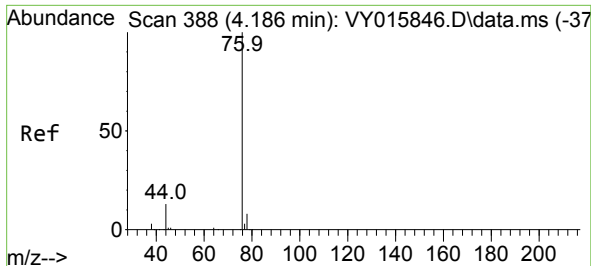
Tgt Ion: 53 Resp: 236576
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 34.6 29.8 44.6



#16
Acetone
Concen: 203.351 ug/l
RT: 3.979 min Scan# 354
Delta R.T. 0.037 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion: 43 Resp: 208480
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1

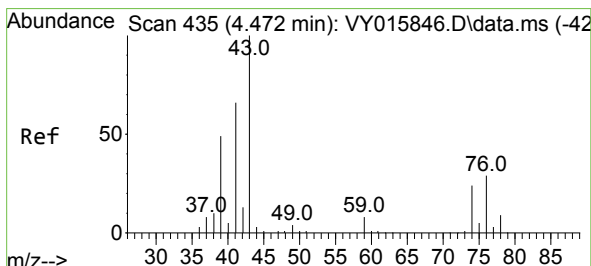
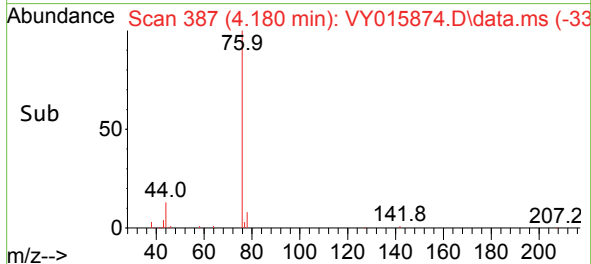
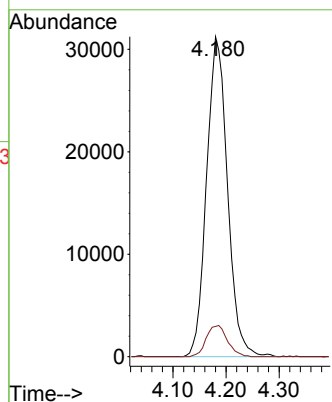
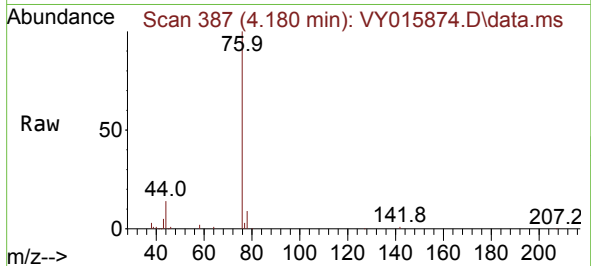




#17
Carbon Disulfide
Concen: 41.533 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

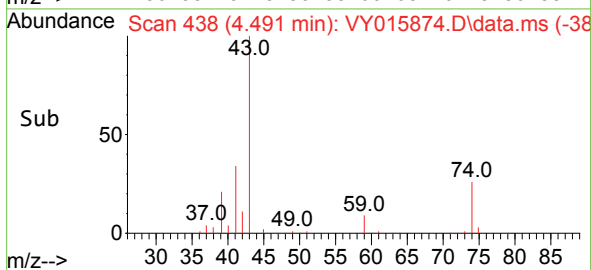
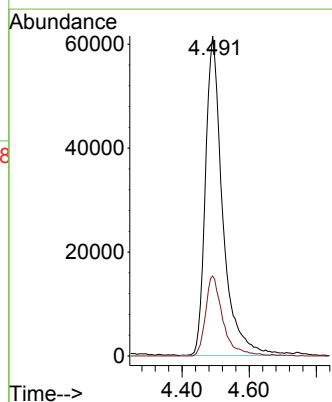
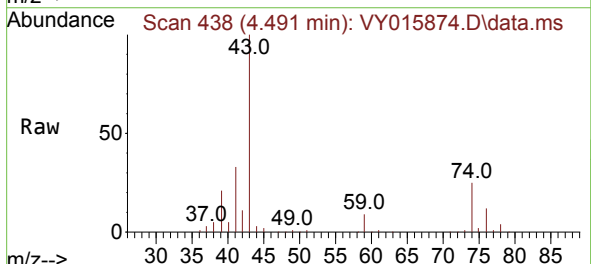
Instrument :
MSVOA_Y
ClientSampleId :

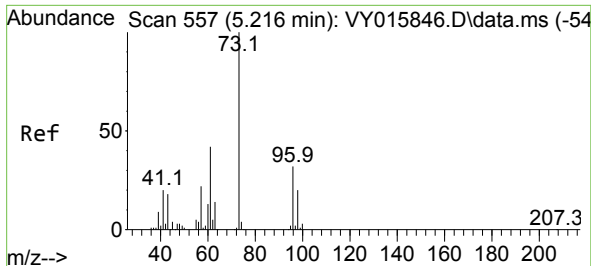
Tgt Ion: 76 Resp: 85578
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 65.532 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.019 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion: 43 Resp: 218659
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0

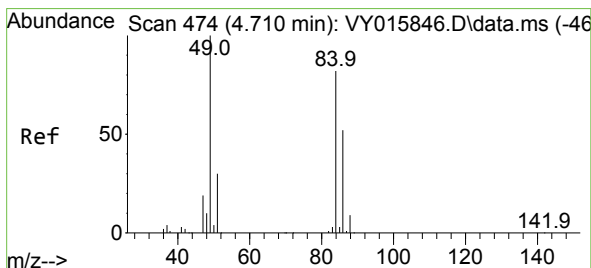
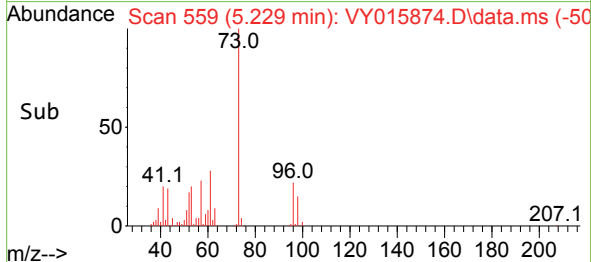
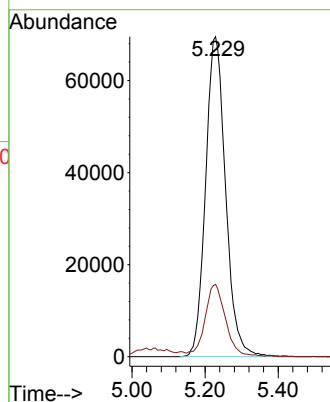
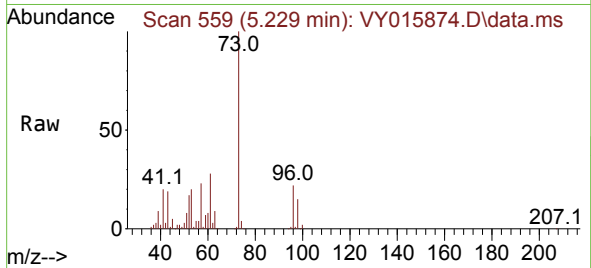




#19
Methyl tert-butyl Ether
Concen: 42.545 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

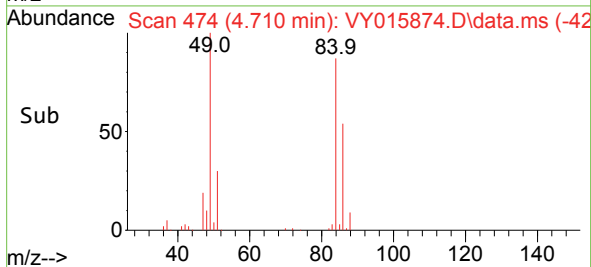
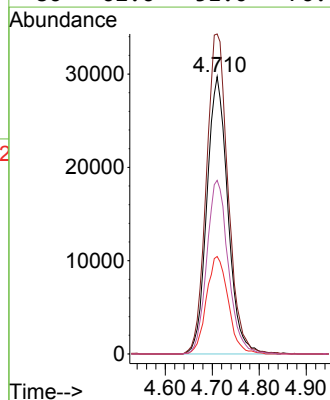
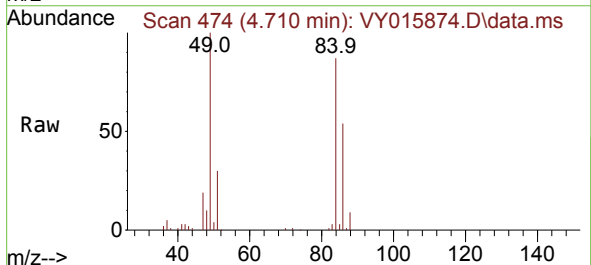
Instrument :
MSVOA_Y
ClientSampleId :

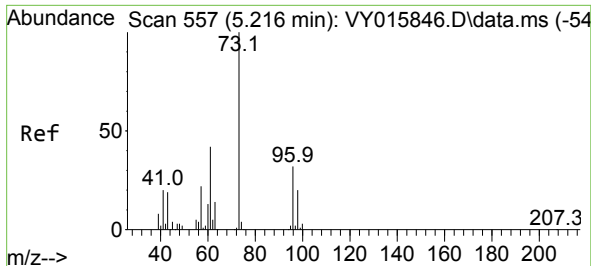
Tgt Ion: 73 Resp: 263310
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 40.782 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

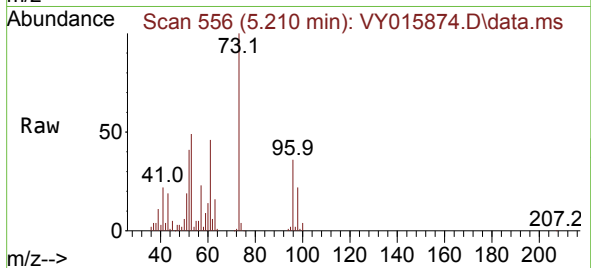
Tgt Ion: 84 Resp: 91945
Ion Ratio Lower Upper
84 100
49 115.4 106.9 160.3
51 35.2 33.2 49.8
86 62.6 51.0 76.6



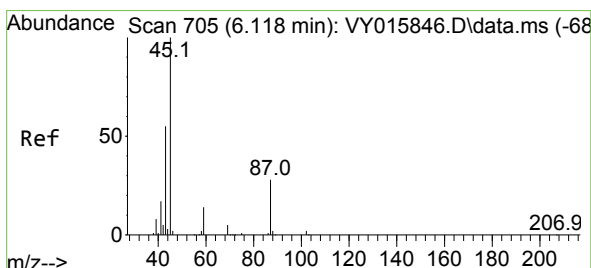
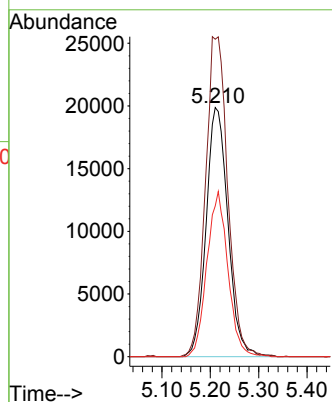
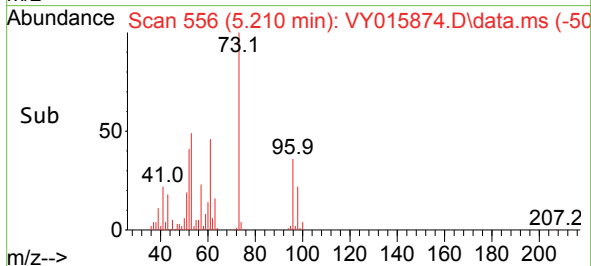


#21
trans-1,2-Dichloroethene
Concen: 41.335 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Instrument :
MSVOA_Y
ClientSampleId :

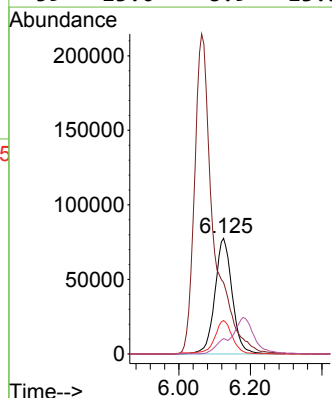
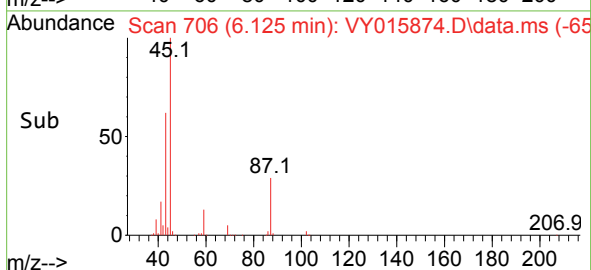
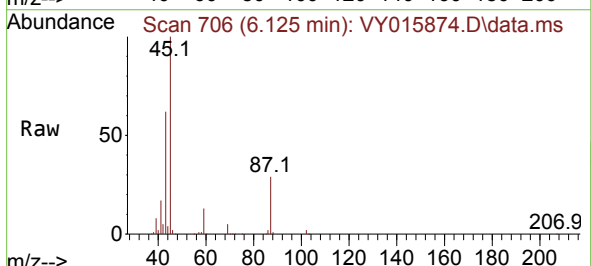


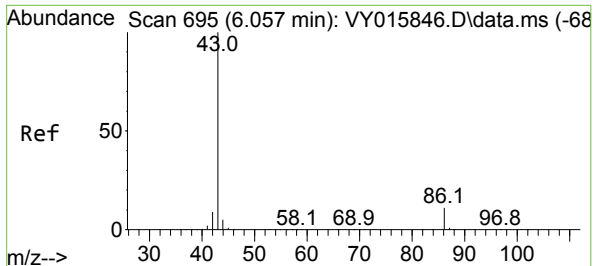
Tgt Ion: 96 Resp: 62345
Ion Ratio Lower Upper
96 100
61 127.4 110.2 165.4
98 60.5 51.8 77.6



#22
Diisopropyl ether
Concen: 40.614 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion: 45 Resp: 260341
Ion Ratio Lower Upper
45 100
43 61.0 52.2 78.4
87 29.0 21.0 31.6
59 13.0 8.9 13.3





#23

Vinyl Acetate

Concen: 203.924 ug/l

RT: 6.064 min Scan# 695

Delta R.T. 0.006 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

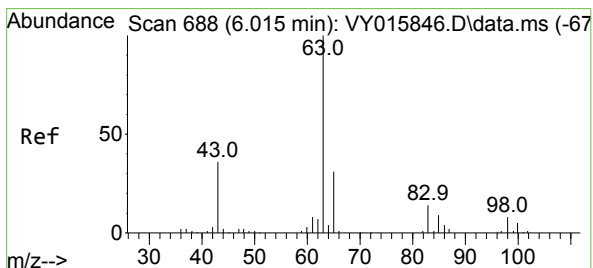
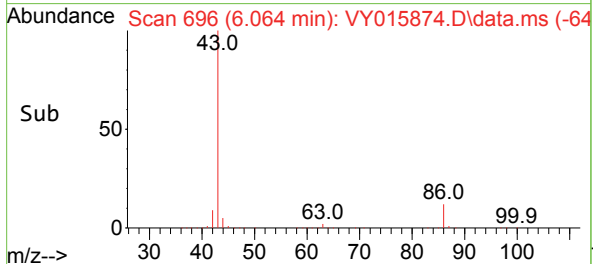
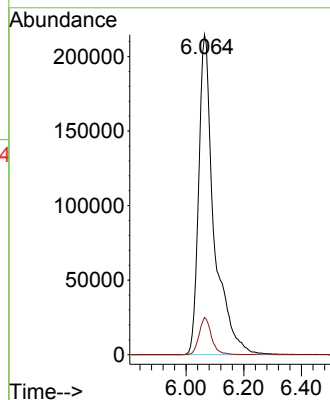
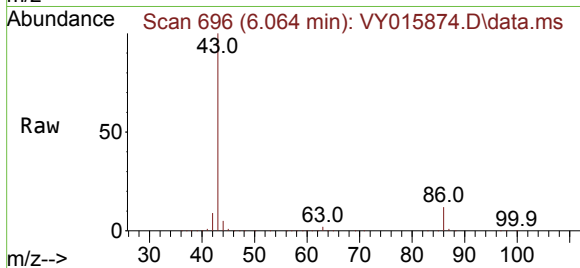
ClientSampleId :

Tgt Ion: 43 Resp: 791194

Ion Ratio Lower Upper

43 100

86 11.7 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 39.326 ug/l

RT: 6.015 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

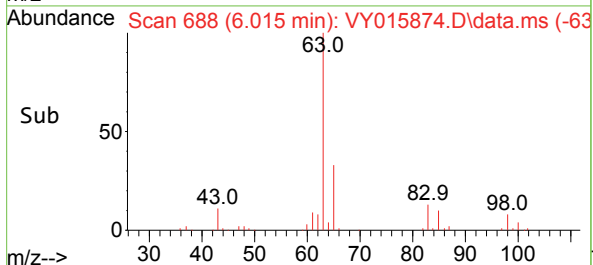
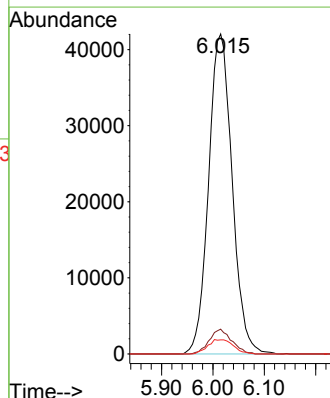
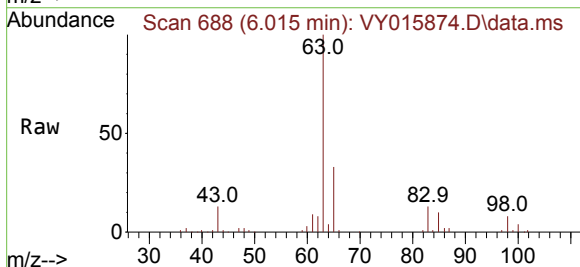
Tgt Ion: 63 Resp: 133865

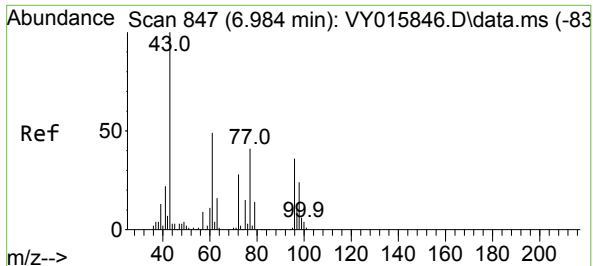
Ion Ratio Lower Upper

63 100

98 7.8 3.1 9.4

100 4.4 1.8 5.5





#25

2-Butanone

Concen: 255.307 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.019 min

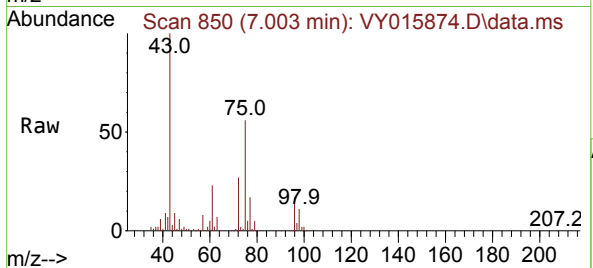
Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

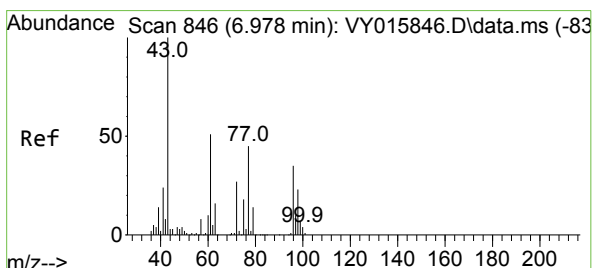
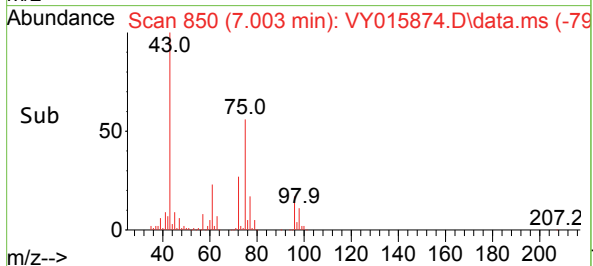
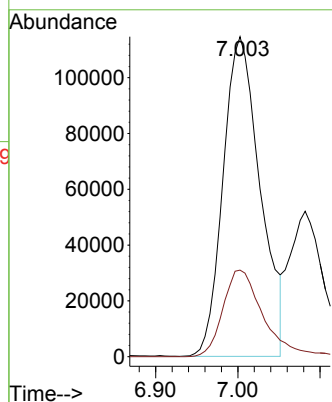


Tgt Ion: 43 Resp: 360043

Ion Ratio Lower Upper

43 100

72 27.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 35.892 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015874.D

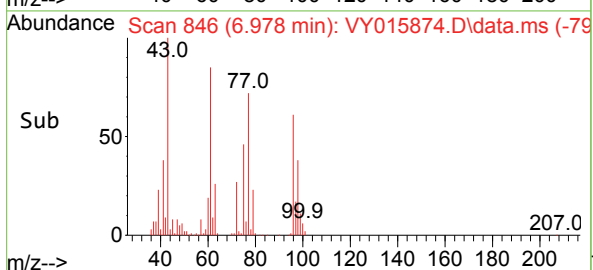
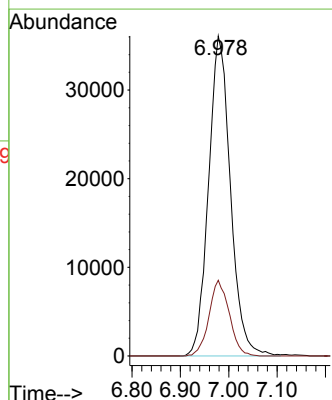
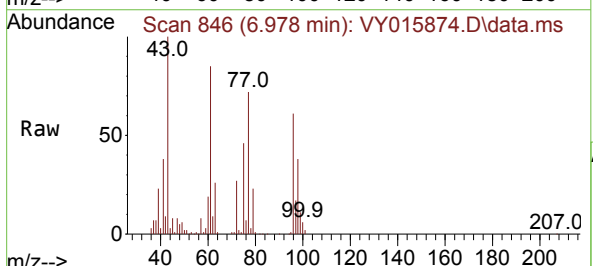
Acq: 06 Oct 2023 19:55

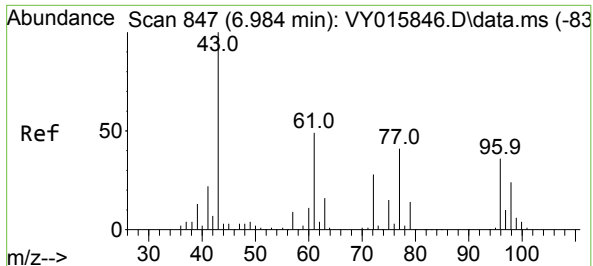
Tgt Ion: 77 Resp: 113533

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 39.887 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

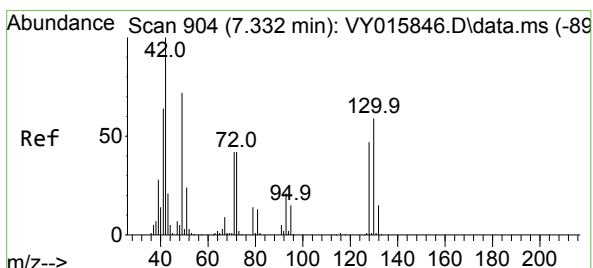
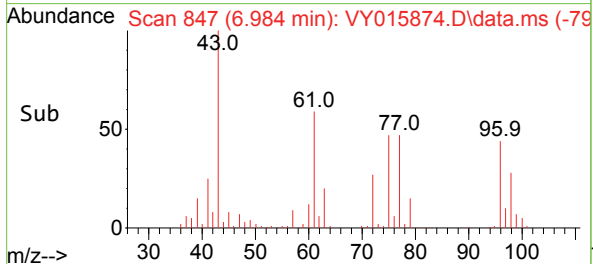
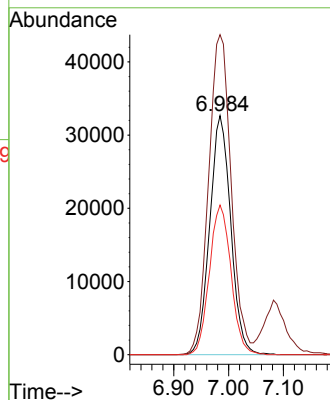
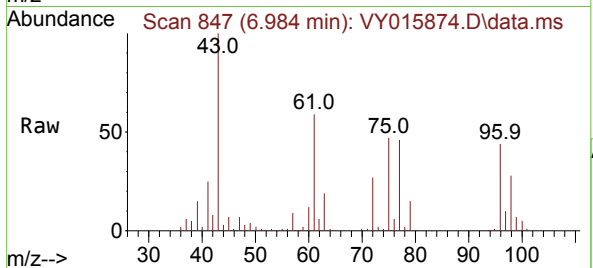
Tgt Ion: 96 Resp: 86965

Ion Ratio Lower Upper

96 100

61 143.2 0.0 301.4

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 46.897 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

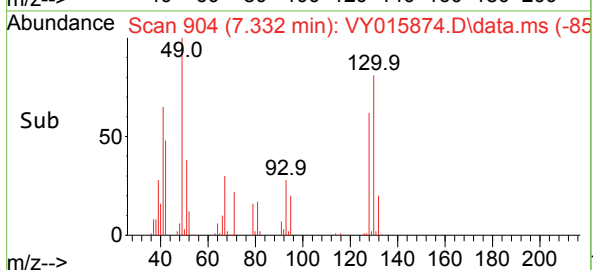
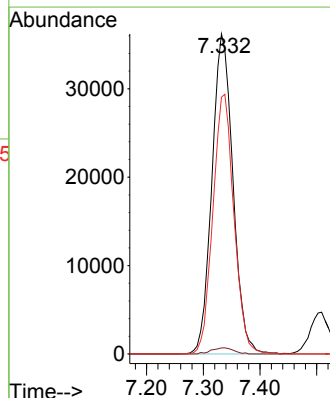
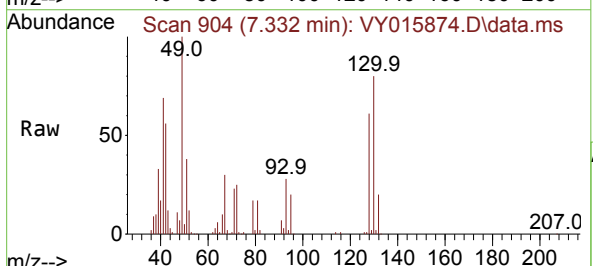
Tgt Ion: 49 Resp: 93356

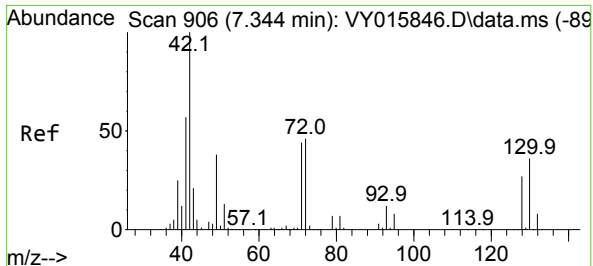
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 81.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 317.247 ug/l

RT: 7.362 min Scan# 906

Delta R.T. 0.019 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

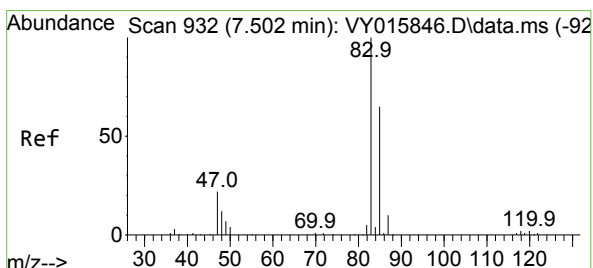
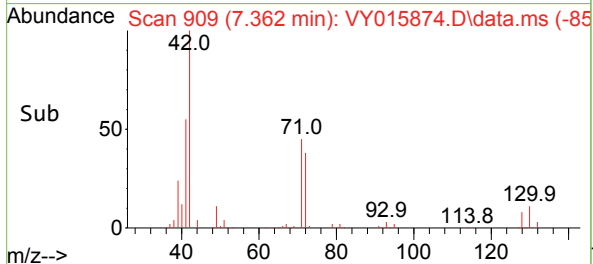
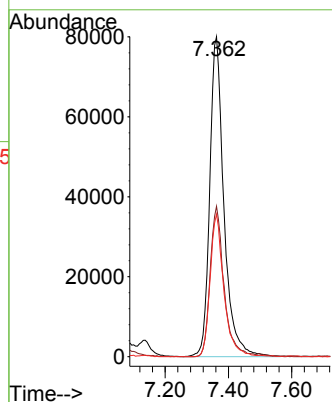
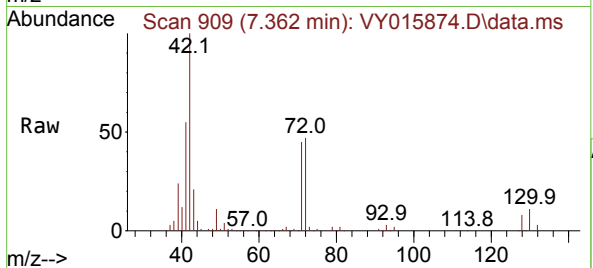
Tgt Ion: 42 Resp: 249639

Ion Ratio Lower Upper

42 100

72 46.0 32.8 49.2

71 43.1 31.0 46.4



#30

Chloroform

Concen: 39.965 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY015874.D

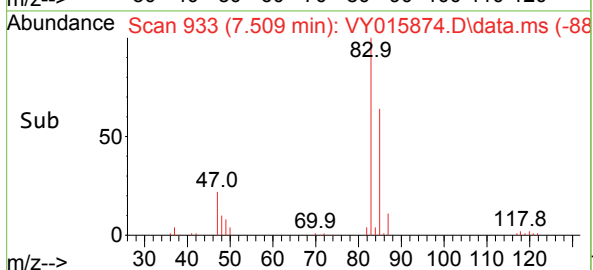
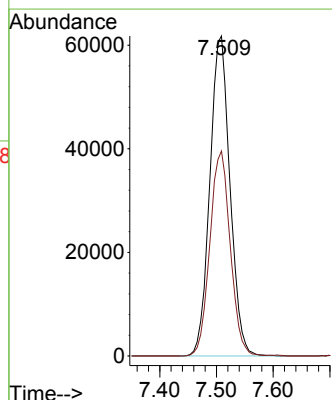
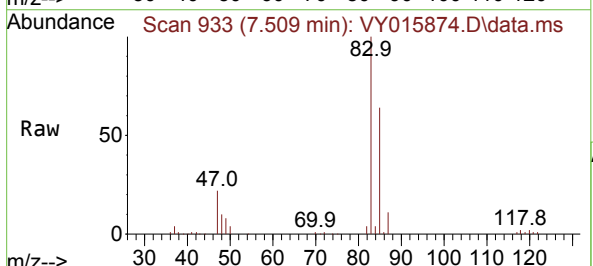
Acq: 06 Oct 2023 19:55

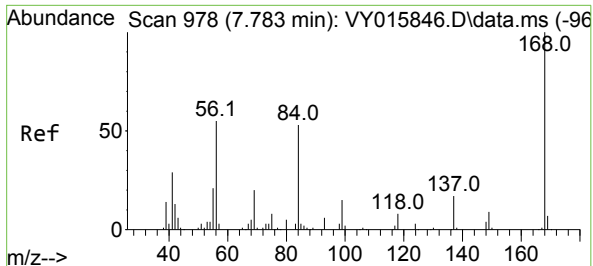
Tgt Ion: 83 Resp: 152182

Ion Ratio Lower Upper

83 100

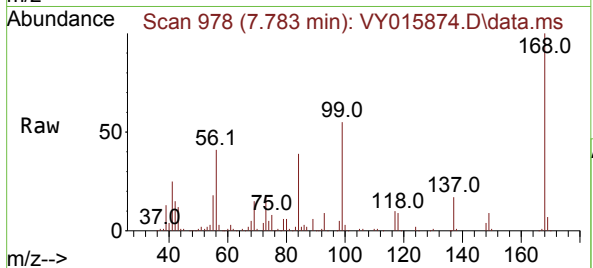
85 64.0 49.7 74.5



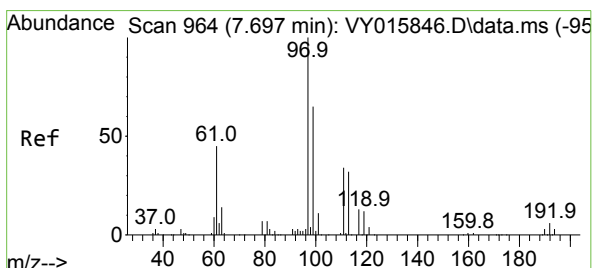
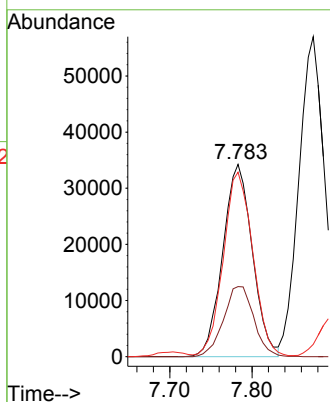
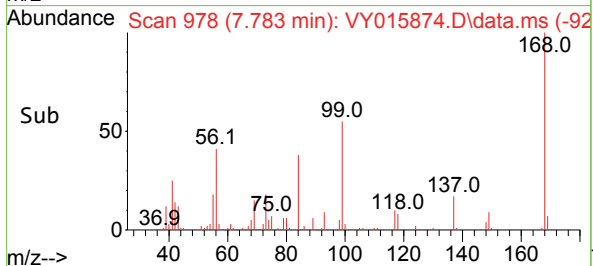


#31
Cyclohexane
Concen: 38.498 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Instrument :
MSVOA_Y
ClientSampleId :

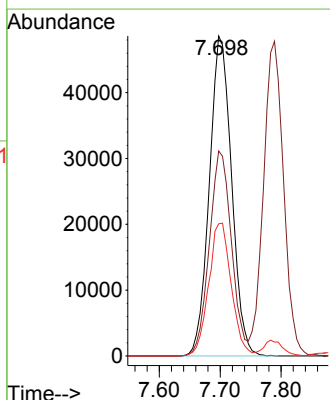
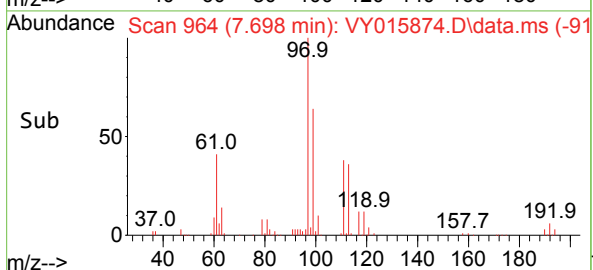
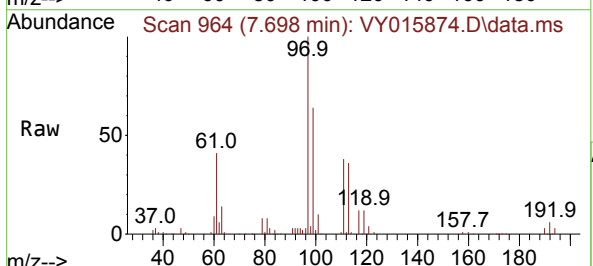


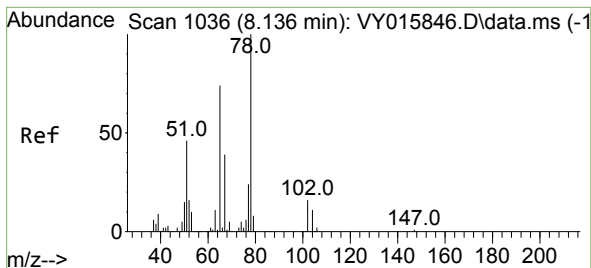
Tgt Ion: 56 Resp: 85870
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.6
84 93.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 39.572 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion: 97 Resp: 123186
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 42.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.546 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

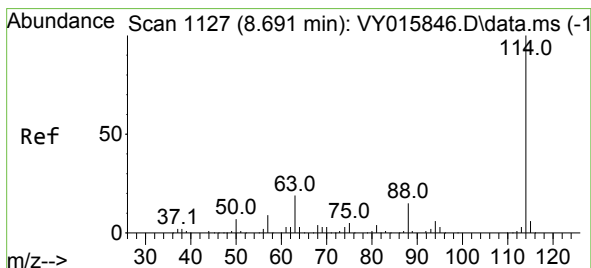
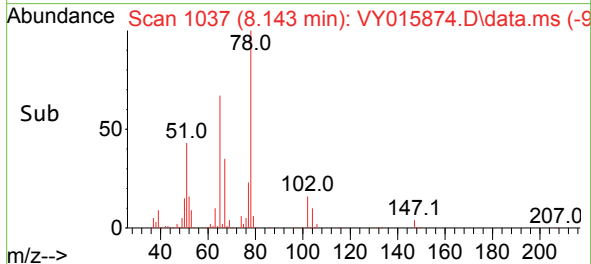
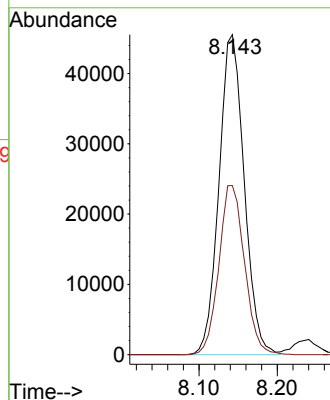
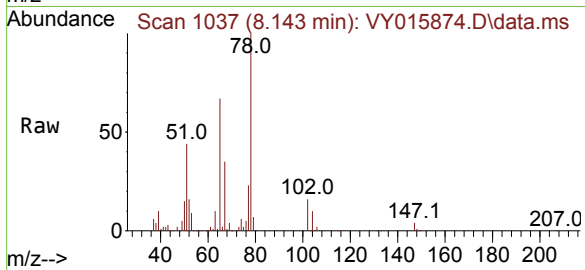
ClientSampleId :

Tgt Ion: 65 Resp: 102001

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

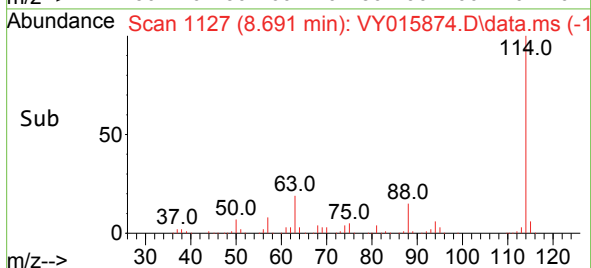
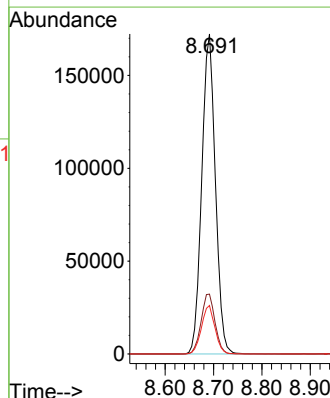
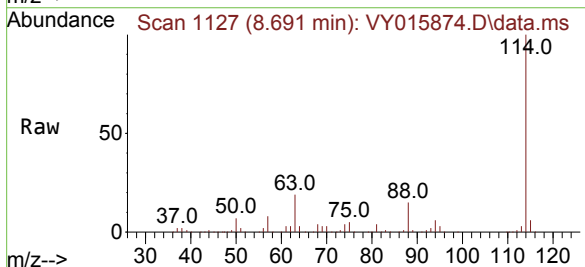
Tgt Ion: 114 Resp: 336391

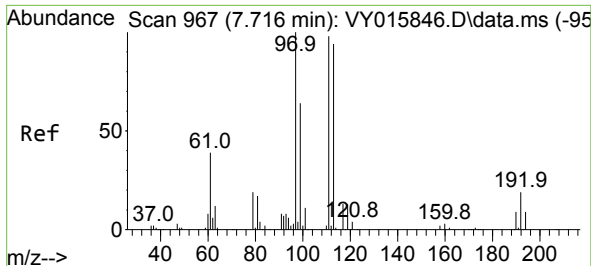
Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

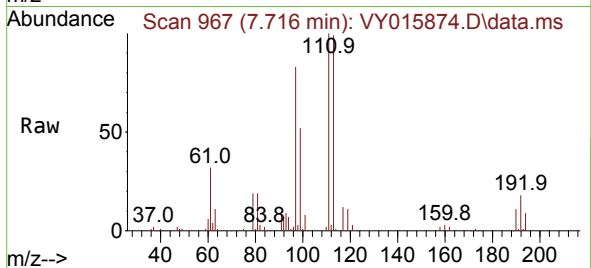
88 15.2 0.0 30.6



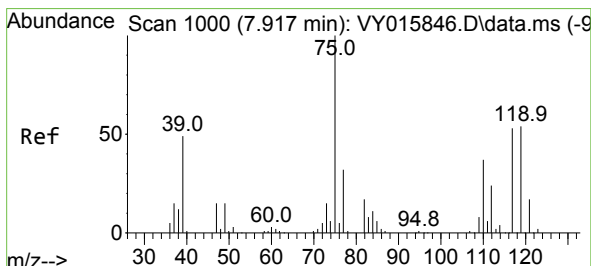
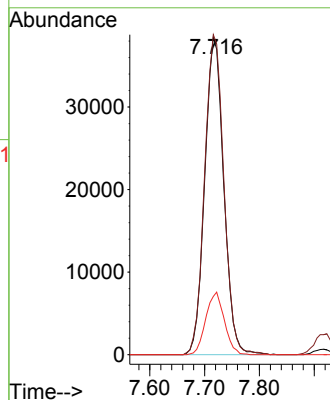
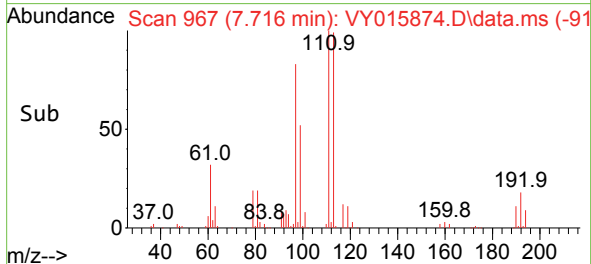


#35
Dibromofluoromethane
Concen: 48.163 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Instrument :
MSVOA_Y
ClientSampleId :

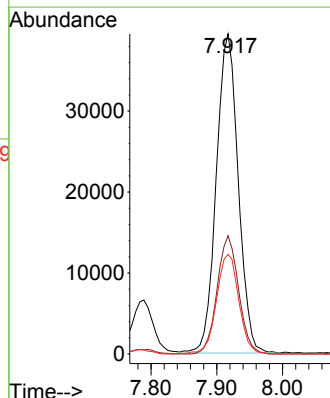
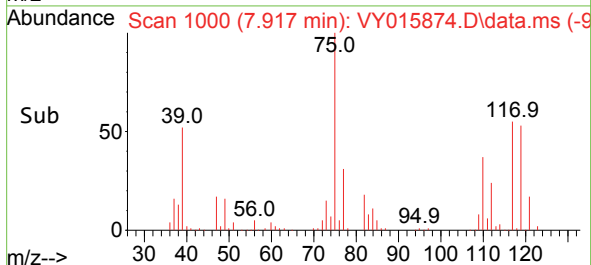
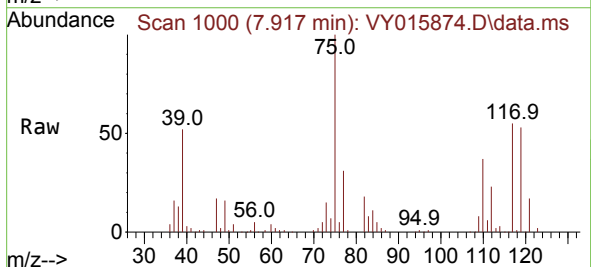


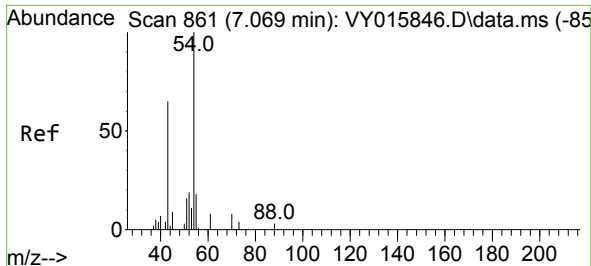
Tgt Ion:113 Resp: 92349
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 40.037 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion: 75 Resp: 91587
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 62.001 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.012 min

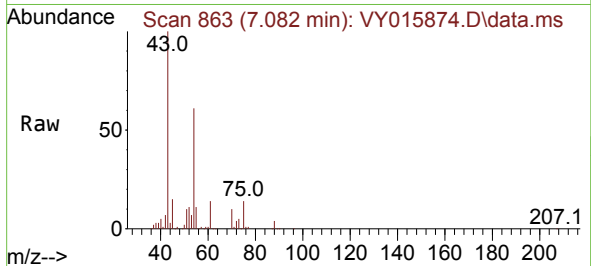
Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :



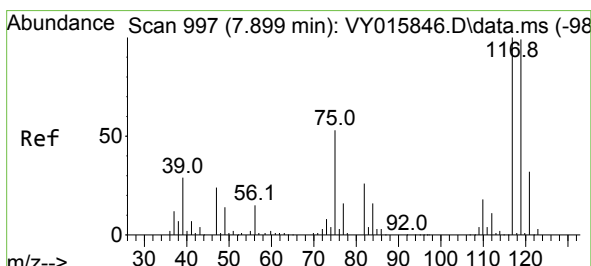
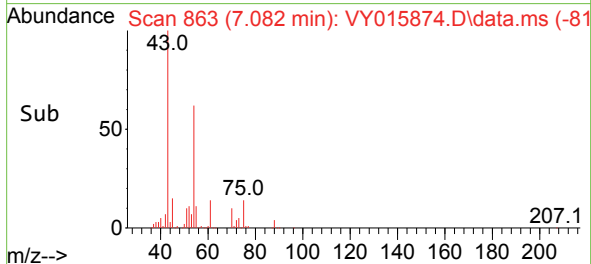
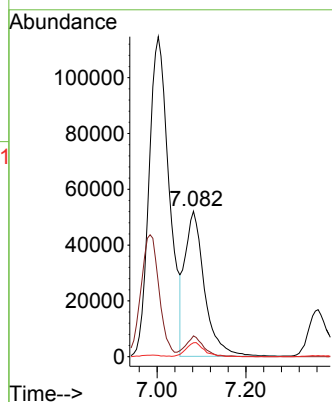
Tgt Ion: 43 Resp: 158718

Ion Ratio Lower Upper

43 100

61 12.8 10.1 15.1

70 8.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 38.703 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

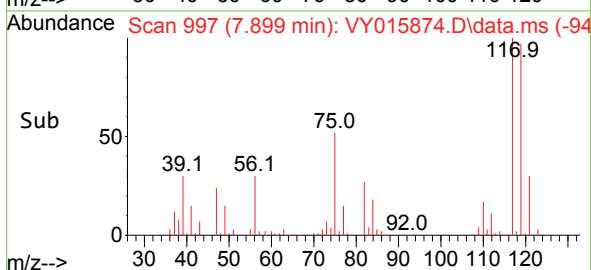
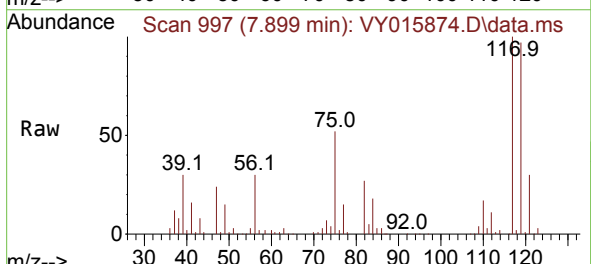
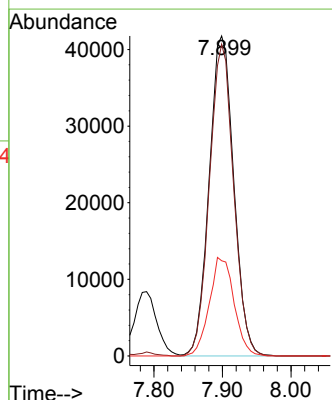
Tgt Ion: 117 Resp: 104101

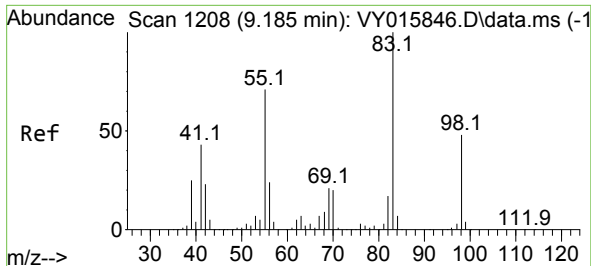
Ion Ratio Lower Upper

117 100

119 97.4 76.4 114.6

121 29.7 25.8 38.6





#39

Methylcyclohexane

Concen: 40.292 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

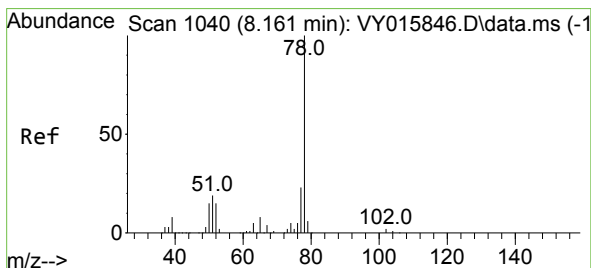
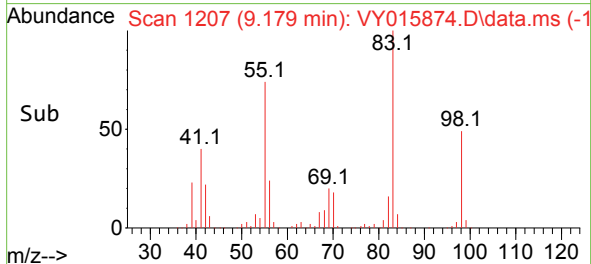
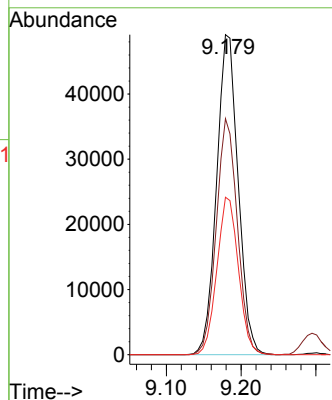
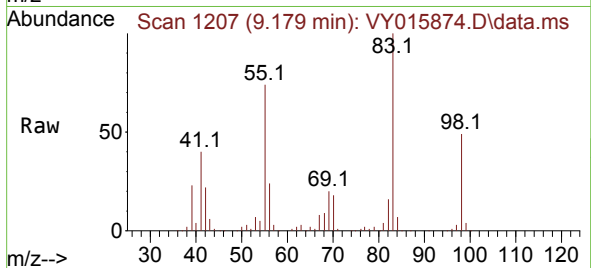
Tgt Ion: 83 Resp: 98575

Ion Ratio Lower Upper

83 100

55 73.8 63.0 94.4

98 49.2 37.4 56.2



#40

Benzene

Concen: 40.648 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY015874.D

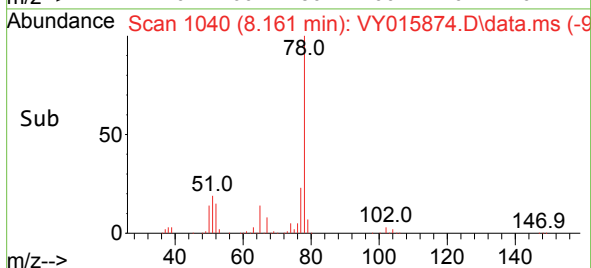
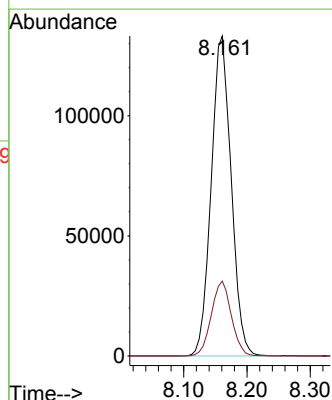
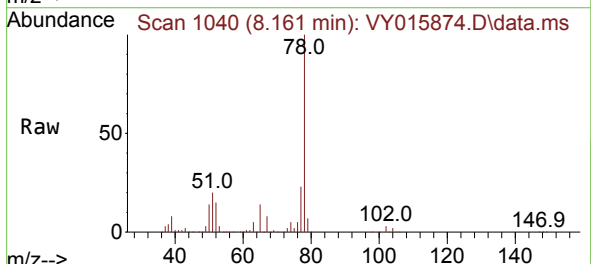
Acq: 06 Oct 2023 19:55

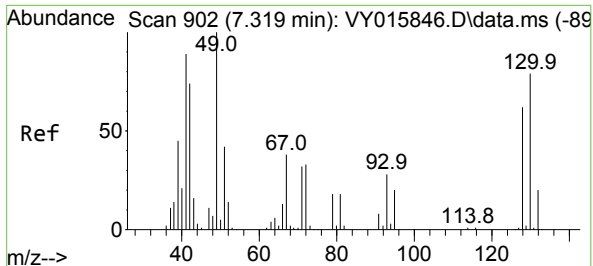
Tgt Ion: 78 Resp: 291776

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

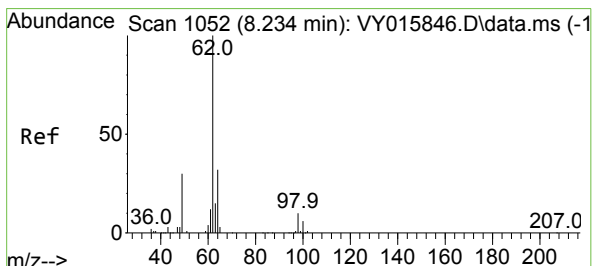
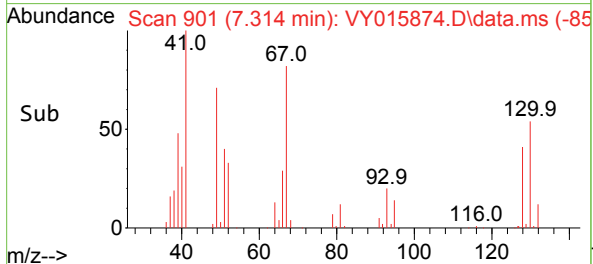
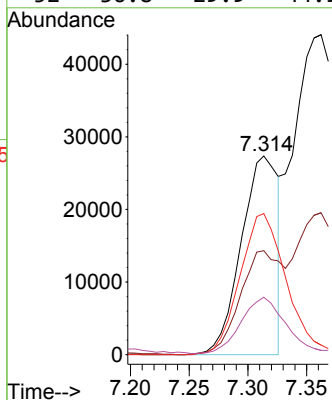
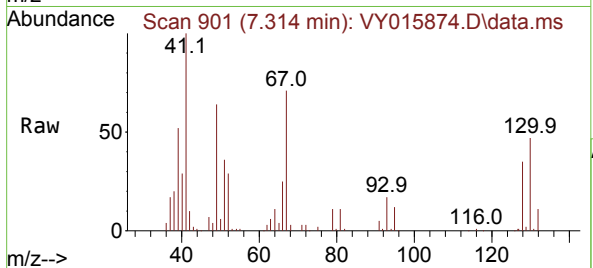




#41
Methacrylonitrile
Concen: 48.881 ug/l
RT: 7.314 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

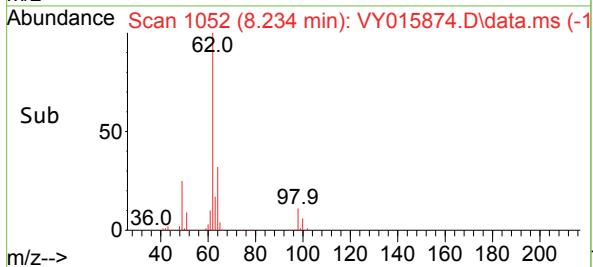
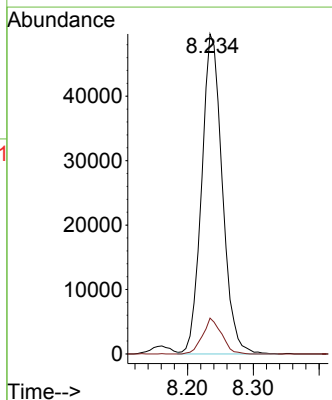
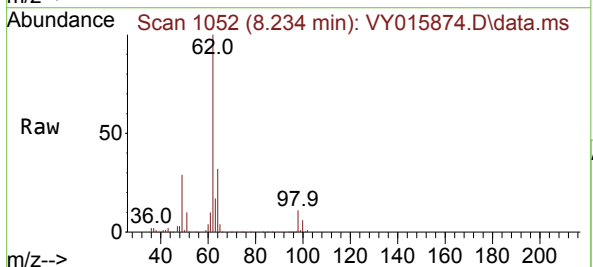
Instrument :
MSVOA_Y
ClientSampleId :

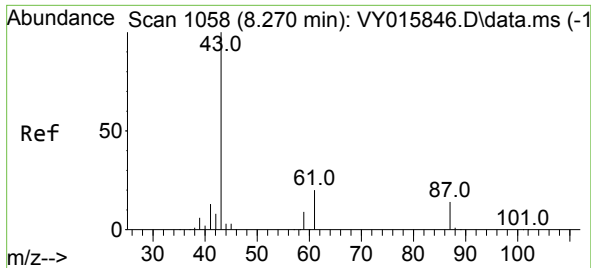
Tgt Ion:	41	Resp:	59905
Ion	Ratio	Lower	Upper
41	100		
39	60.6	52.1	78.1
67	90.6	66.2	99.2
52	36.8	29.9	44.9



#42
1,2-Dichloroethane
Concen: 41.970 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion:	62	Resp:	108471
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	15.8

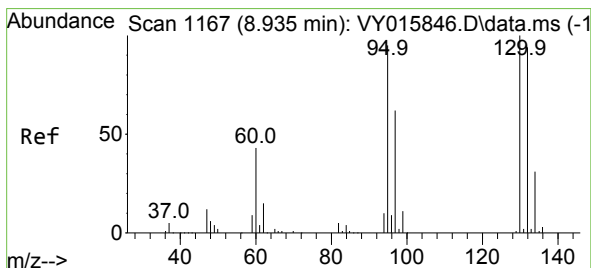
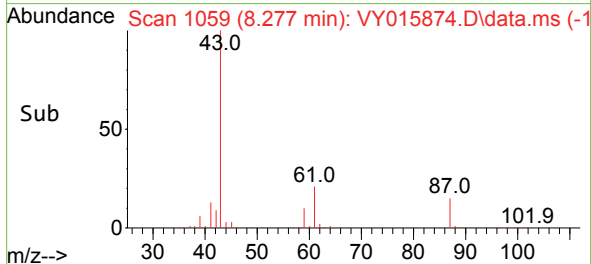
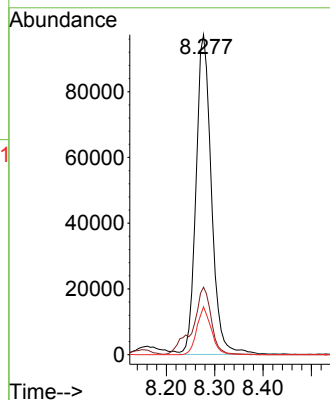
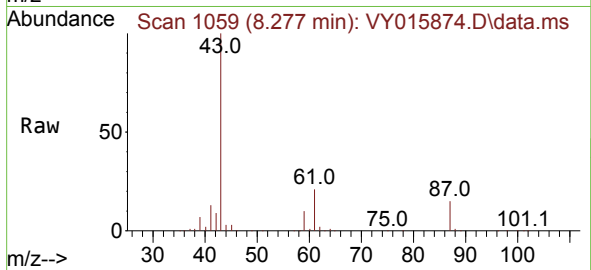




#43
Isopropyl Acetate
Concen: 48.540 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

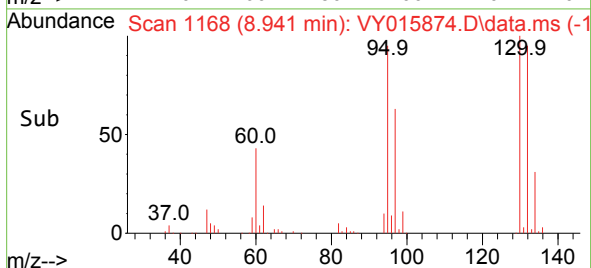
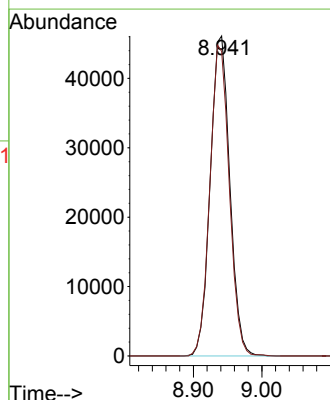
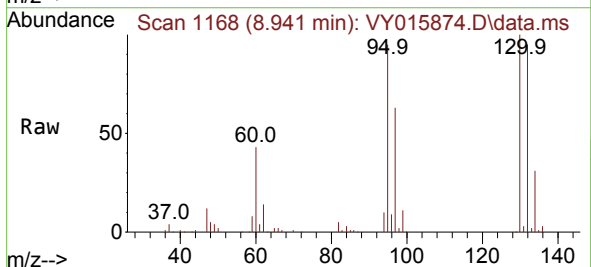
Instrument :
MSVOA_Y
ClientSampleId :

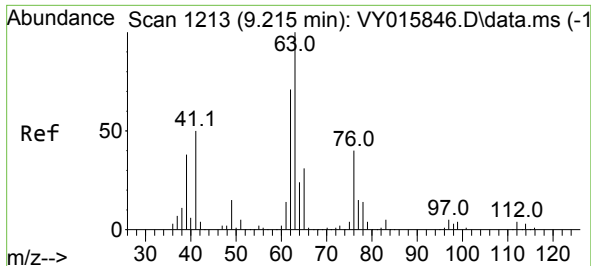
Tgt Ion: 43 Resp: 213877
Ion Ratio Lower Upper
43 100
61 25.6 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 43.525 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion:130 Resp: 91436
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0

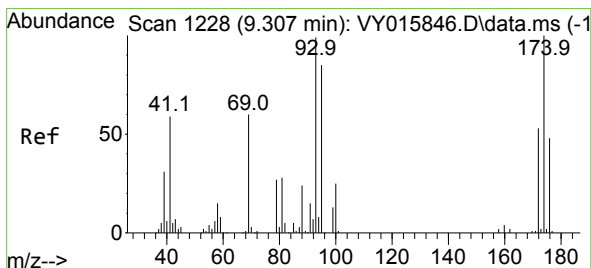
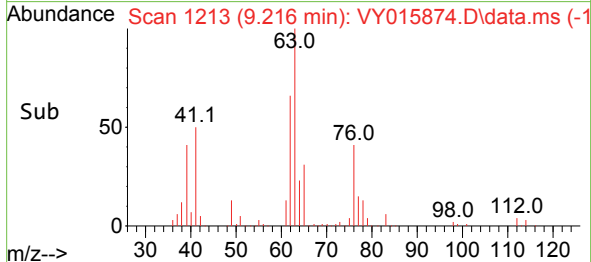
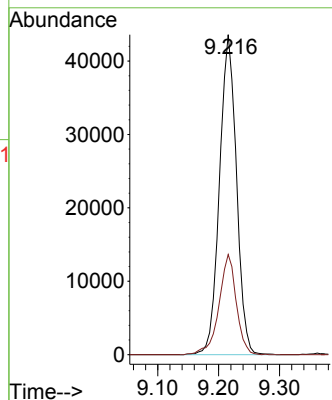
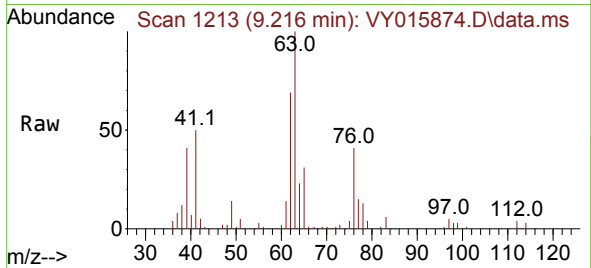




#45
1,2-Dichloropropane
Concen: 39.736 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

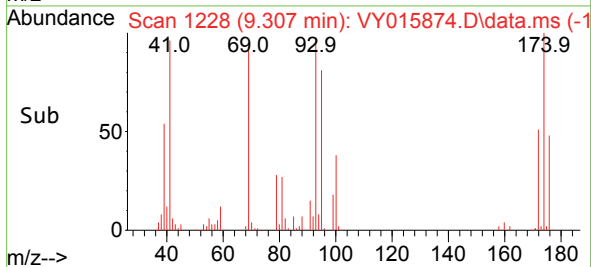
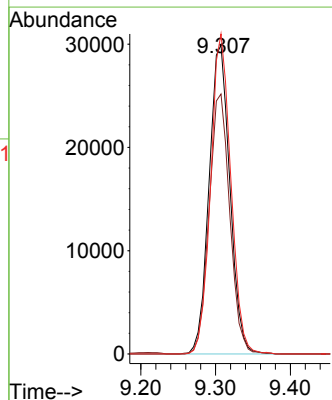
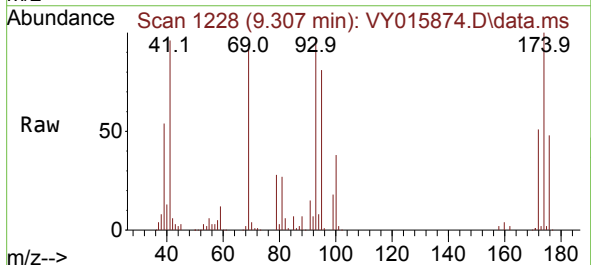
Instrument :
MSVOA_Y
ClientSampleId :

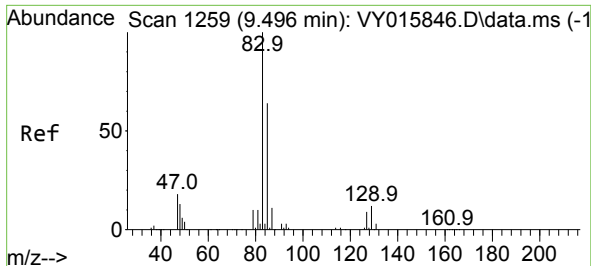
Tgt Ion: 63 Resp: 84365
Ion Ratio Lower Upper
63 100
65 31.3 23.8 35.6



#46
Dibromomethane
Concen: 42.613 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion: 93 Resp: 57842
Ion Ratio Lower Upper
93 100
95 83.8 66.6 100.0
174 100.4 84.8 127.2

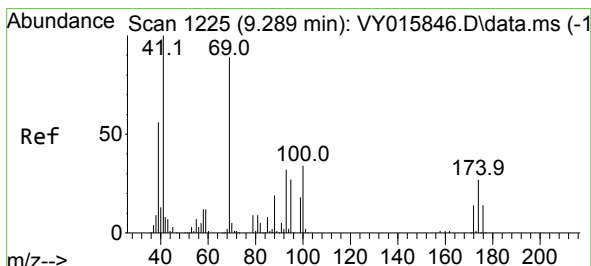
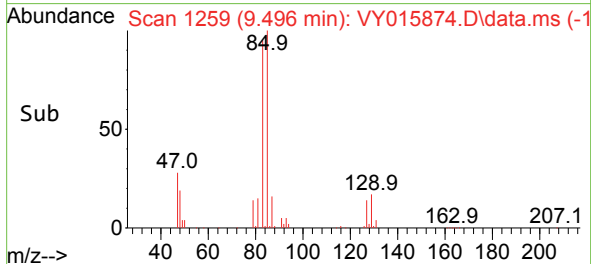
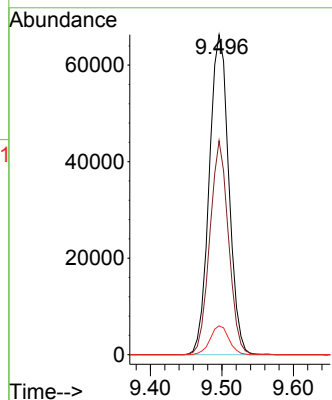
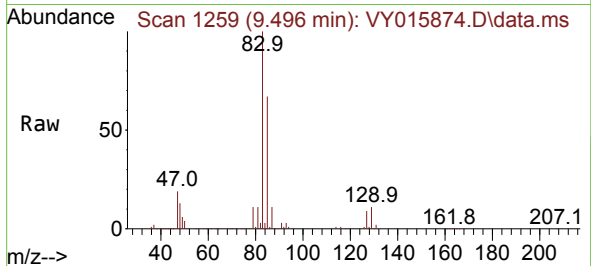




#47
Bromodichloromethane
Concen: 39.901 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

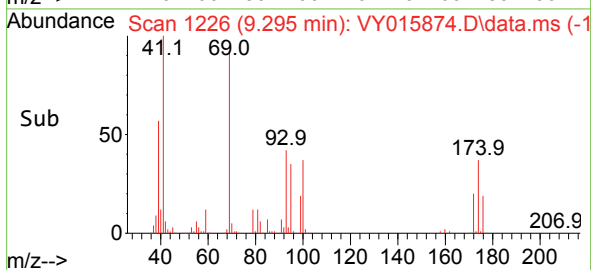
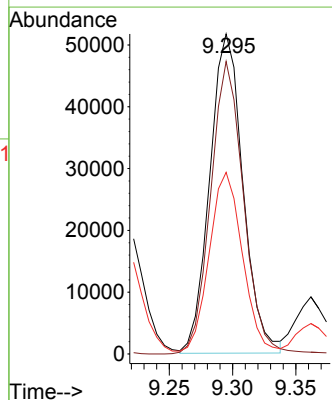
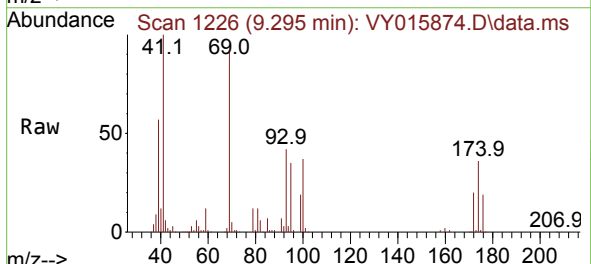
Instrument :
MSVOA_Y
ClientSampleId :

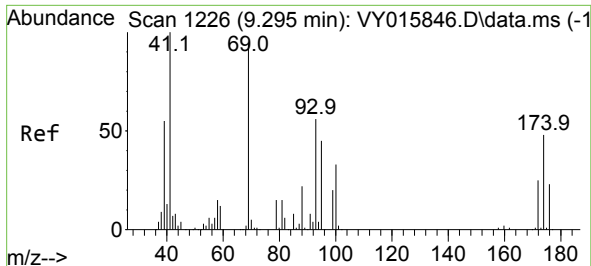
Tgt Ion: 83 Resp: 125717
Ion Ratio Lower Upper
83 100
85 66.8 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 49.098 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

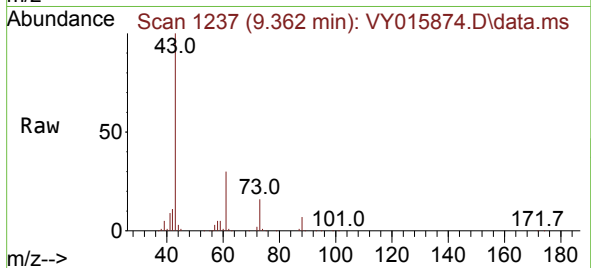
Tgt Ion: 41 Resp: 94484
Ion Ratio Lower Upper
41 100
69 90.7 64.5 96.7
39 56.9 50.8 76.2



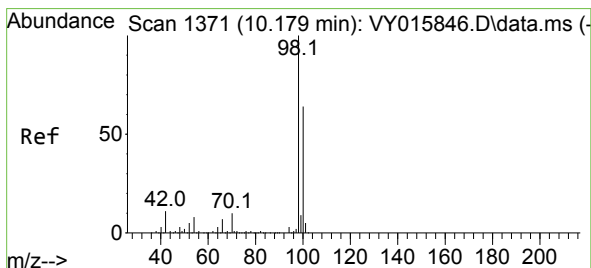
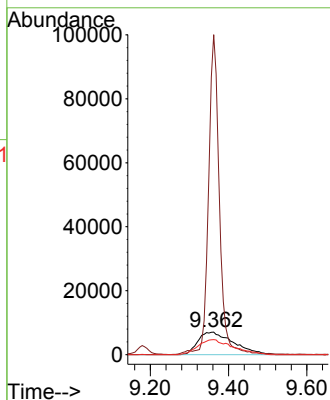
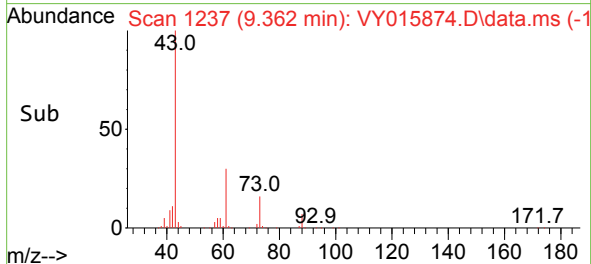


#49
1,4-Dioxane
Concen: 1463.932 ug/l
RT: 9.362 min Scan# 1237
Delta R.T. 0.067 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Instrument :
MSVOA_Y
ClientSampleId :

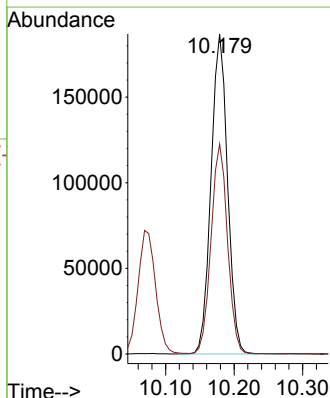
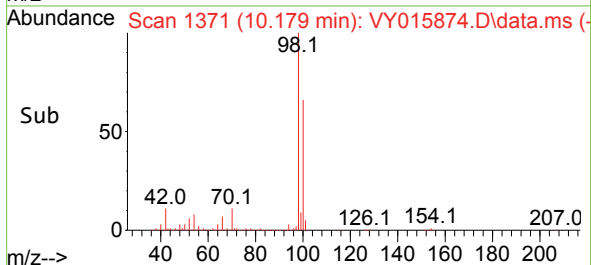
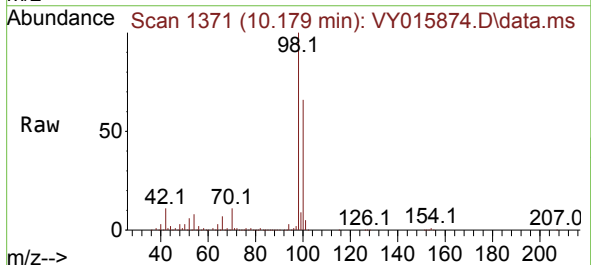


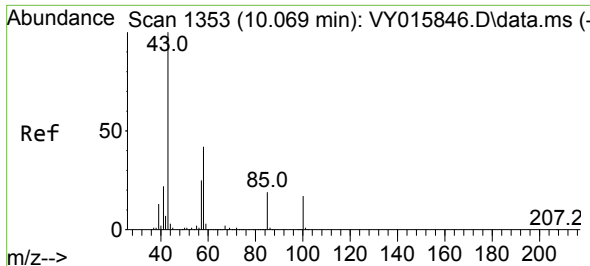
Tgt Ion: 88 Resp: 44512
Ion Ratio Lower Upper
88 100
43 419.3 0.0 0.0#
58 65.0 30.9 46.3#



#50
Toluene-d8
Concen: 50.282 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion: 98 Resp: 313023
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

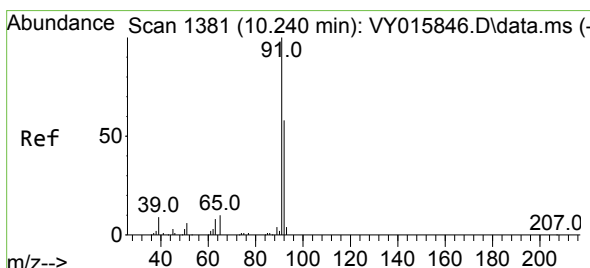
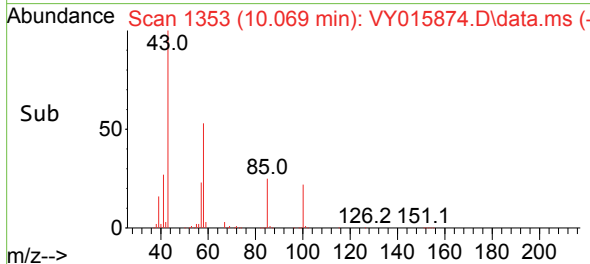
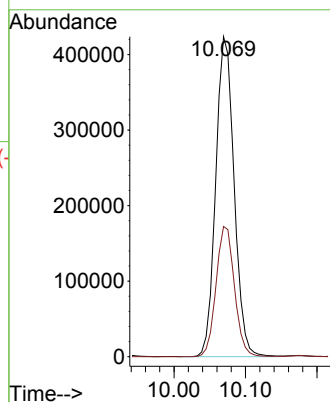
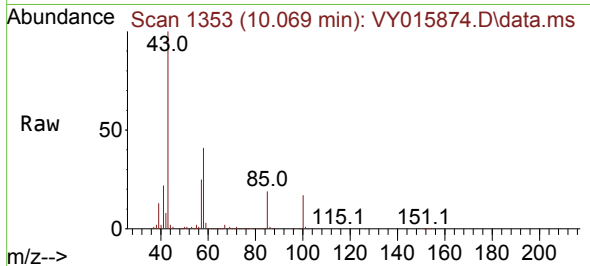




#51
4-Methyl-2-Pentanone
Concen: 274.030 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

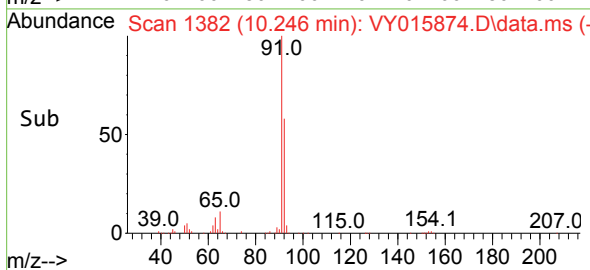
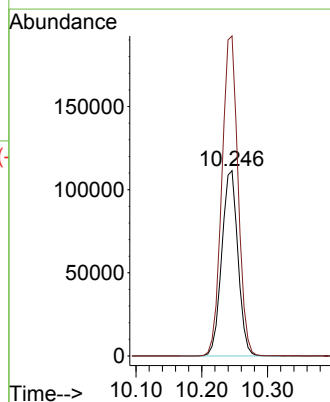
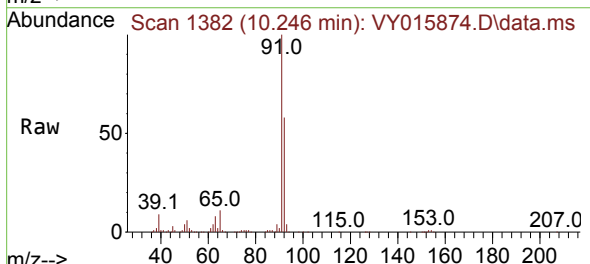
Instrument :
MSVOA_Y
ClientSampleId :

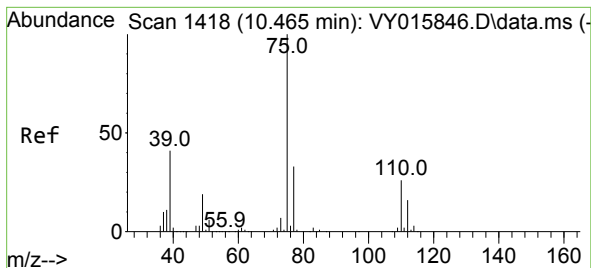
Tgt Ion: 43 Resp: 755335
Ion Ratio Lower Upper
43 100
58 40.9 29.0 43.6



#52
Toluene
Concen: 40.566 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion: 92 Resp: 190519
Ion Ratio Lower Upper
92 100
91 173.0 143.8 215.6

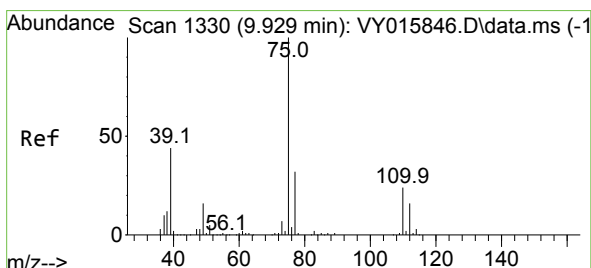
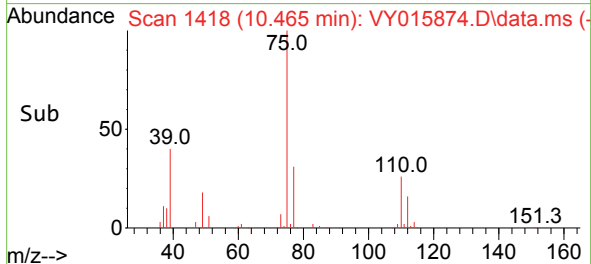
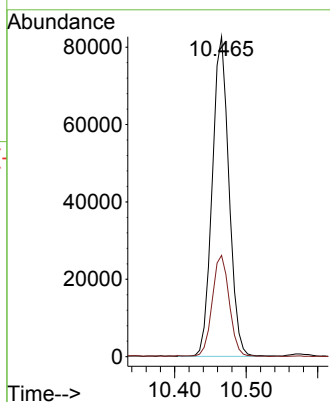
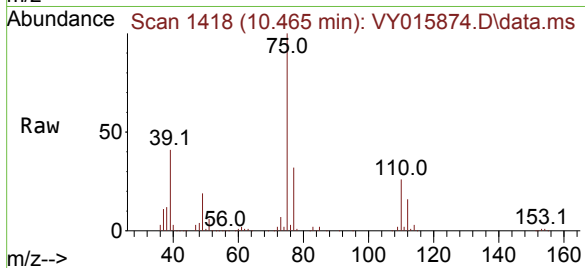




#53
 t-1,3-Dichloropropene
 Concen: 40.549 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY015874.D
 Acq: 06 Oct 2023 19:55

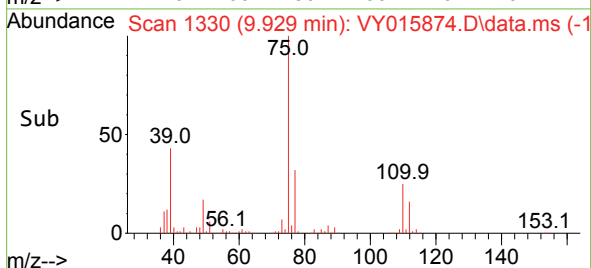
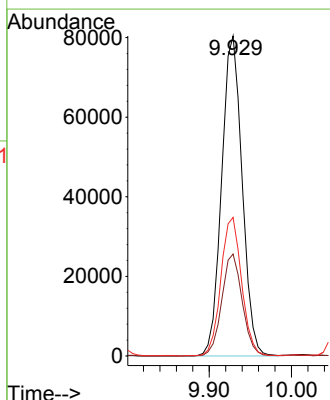
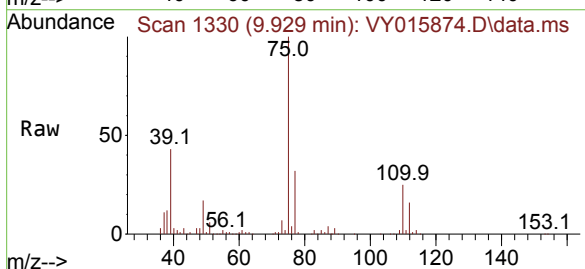
Instrument :
 MSVOA_Y
 ClientSampleId :

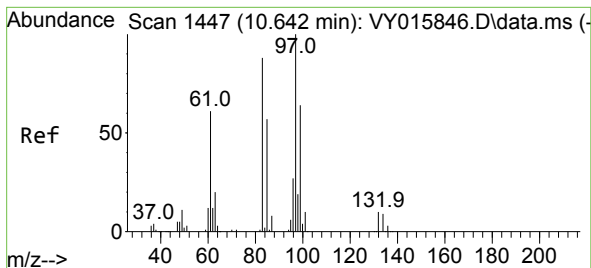
Tgt Ion: 75 Resp: 134055
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 39.724 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY015874.D
 Acq: 06 Oct 2023 19:55

Tgt Ion: 75 Resp: 139416
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 43.3 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 41.752 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 89033

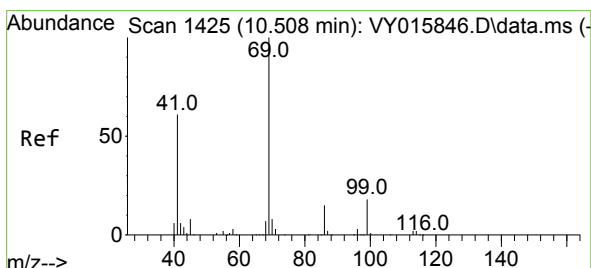
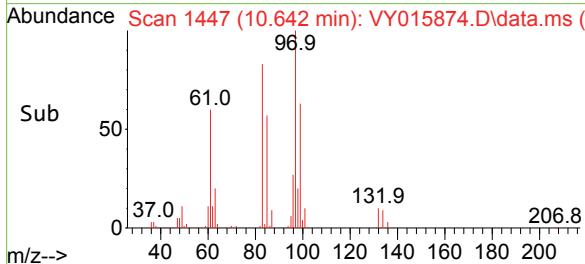
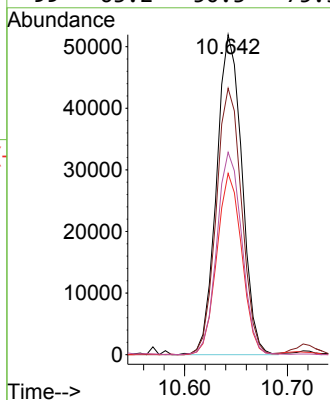
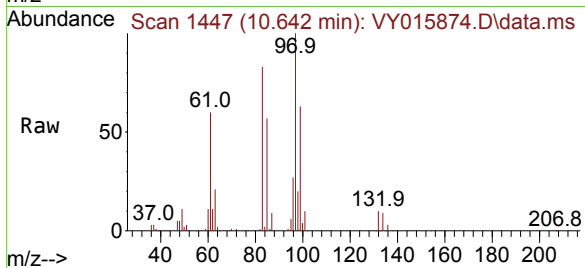
Ion Ratio Lower Upper

97 100

83 83.3 72.0 108.0

85 56.7 45.4 68.0

99 63.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 45.168 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

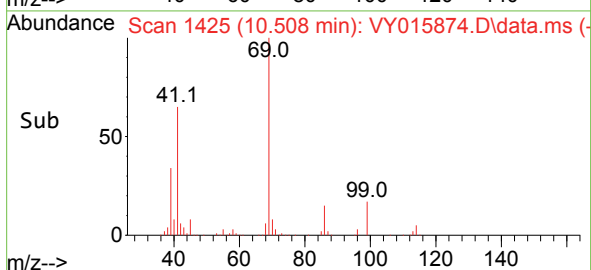
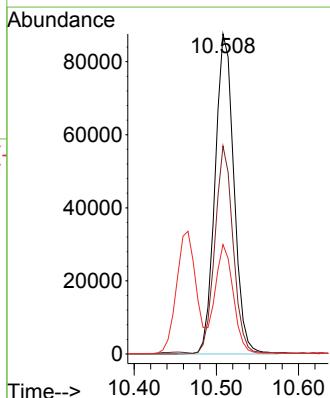
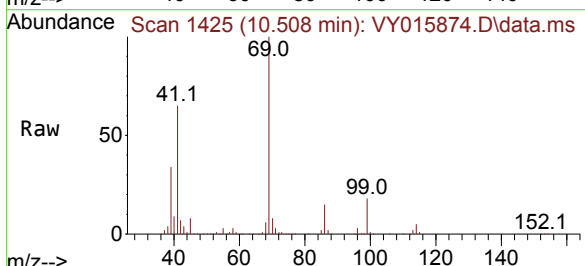
Tgt Ion: 69 Resp: 139655

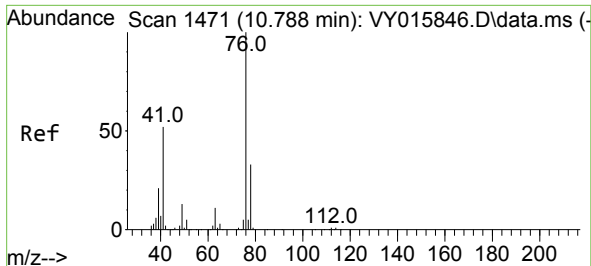
Ion Ratio Lower Upper

69 100

41 62.3 57.6 86.4

39 32.0 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 42.662 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

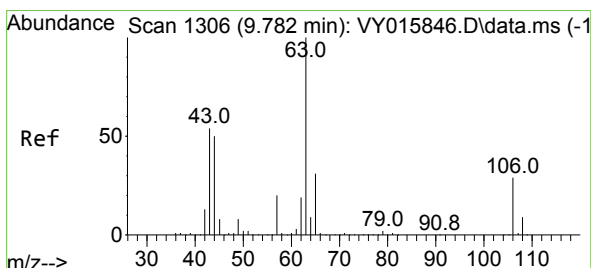
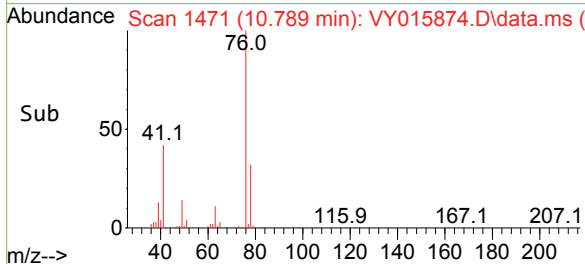
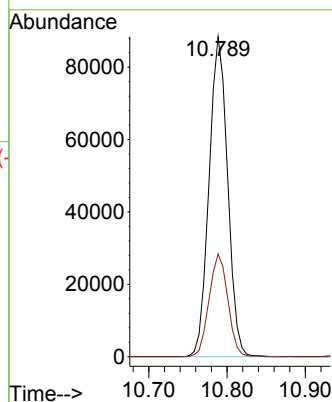
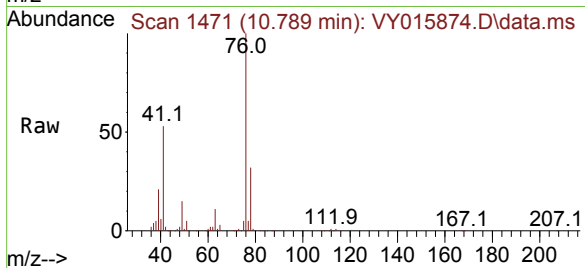
ClientSampleId :

Tgt Ion: 76 Resp: 145444

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 275.794 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY015874.D

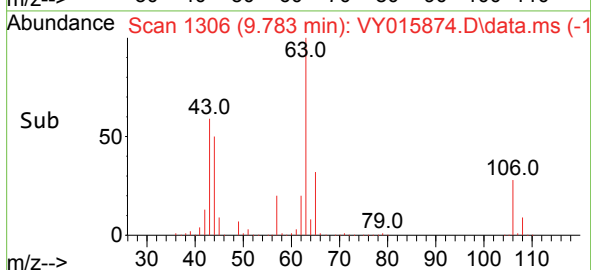
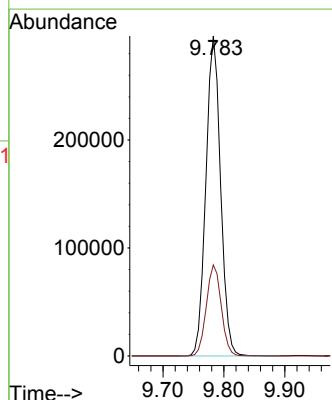
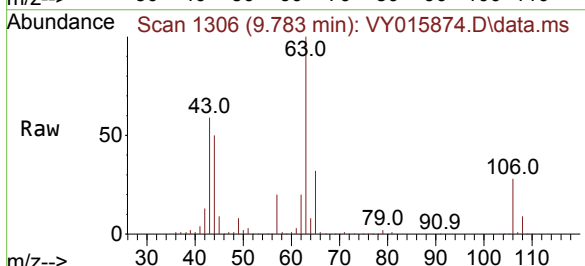
Acq: 06 Oct 2023 19:55

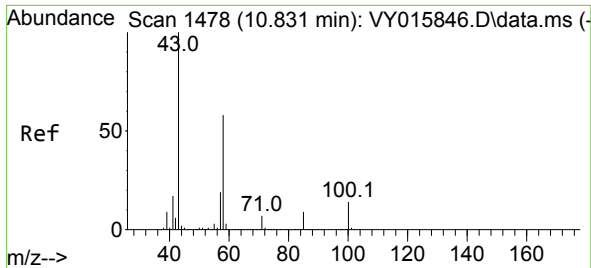
Tgt Ion: 63 Resp: 496867

Ion Ratio Lower Upper

63 100

106 28.8 21.2 31.8

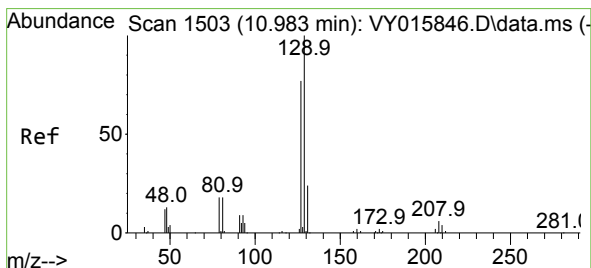
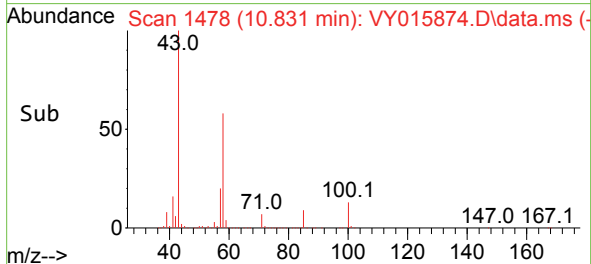
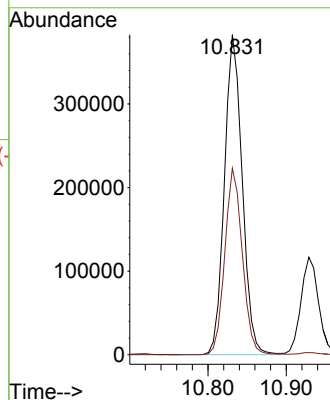
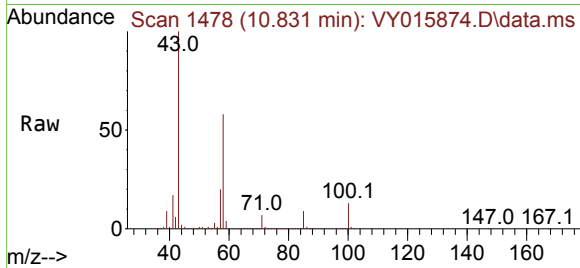




#59
2-Hexanone
Concen: 282.875 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

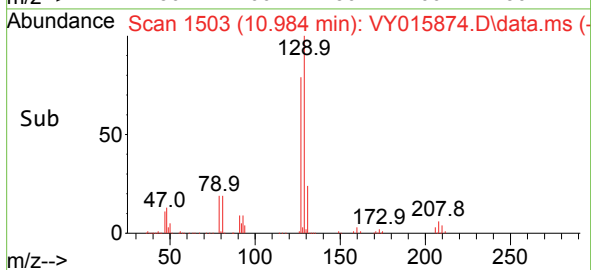
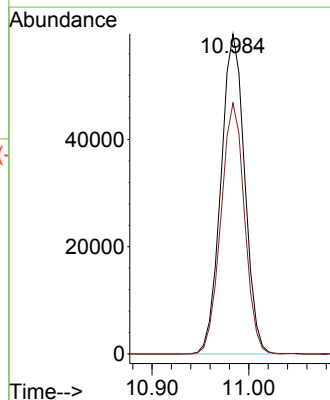
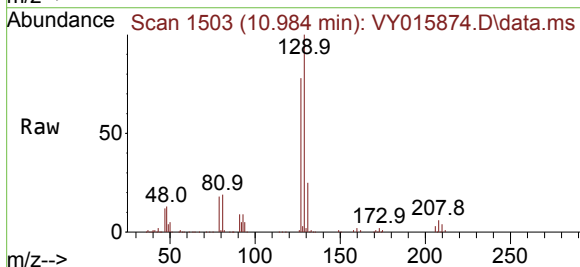
Instrument :
MSVOA_Y
ClientSampleId :

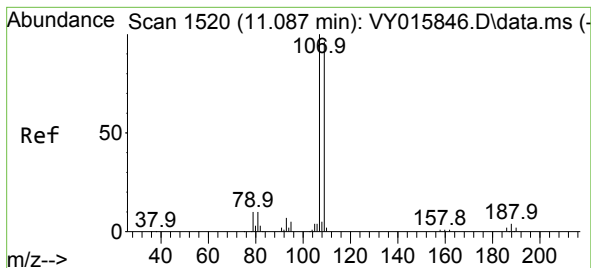
Tgt Ion: 43 Resp: 605040
Ion Ratio Lower Upper
43 100
58 57.5 25.1 75.3



#60
Dibromochloromethane
Concen: 41.230 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion: 129 Resp: 101551
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

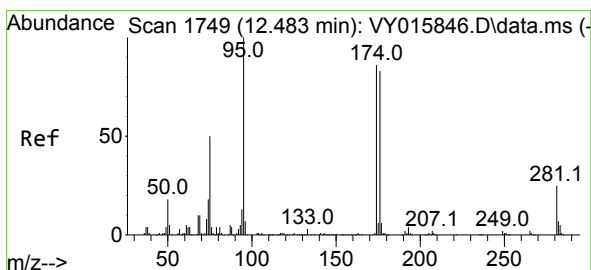
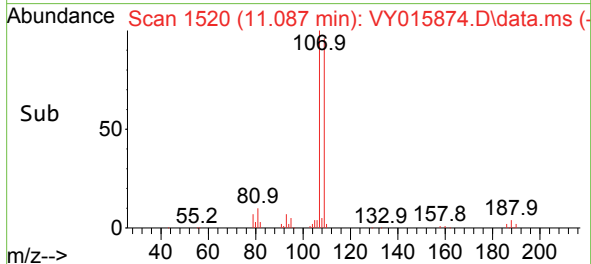
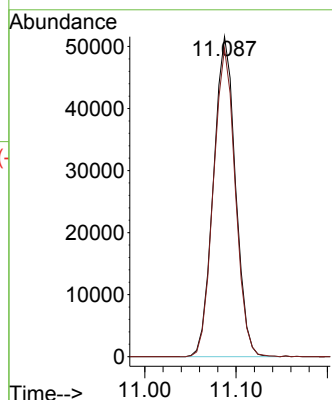
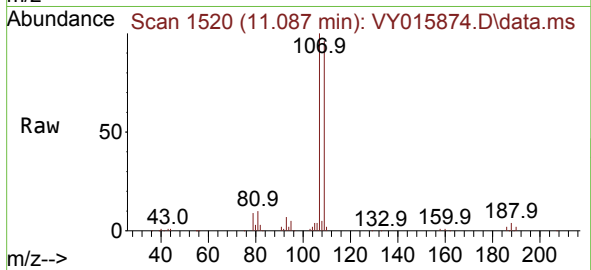




#61
1,2-Dibromoethane
Concen: 43.309 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

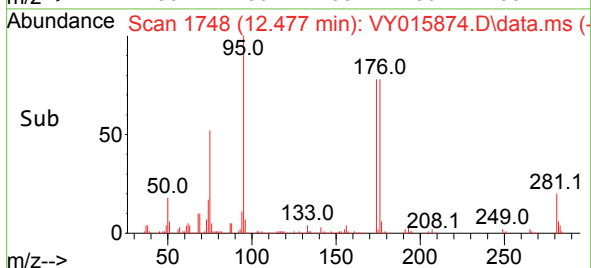
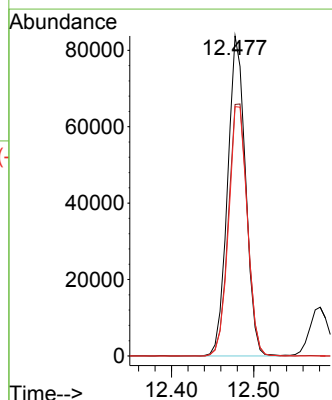
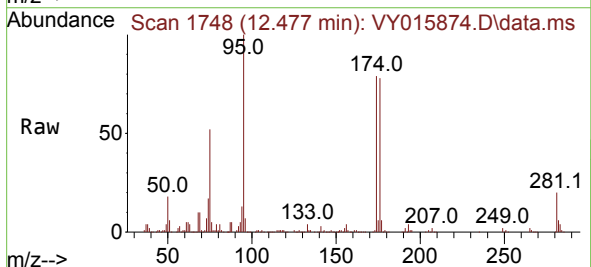
Instrument :
MSVOA_Y
ClientSampleId :

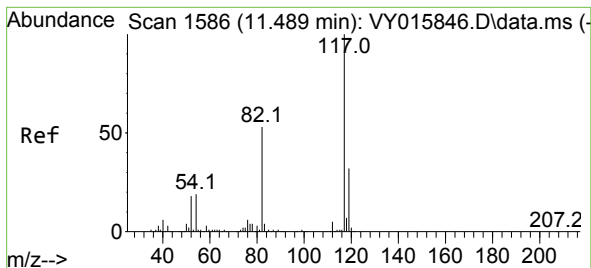
Tgt Ion:107 Resp: 86308
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.075 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion: 95 Resp: 127424
Ion Ratio Lower Upper
95 100
174 82.9 0.0 178.2
176 81.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

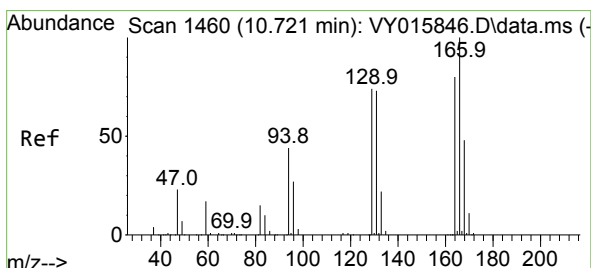
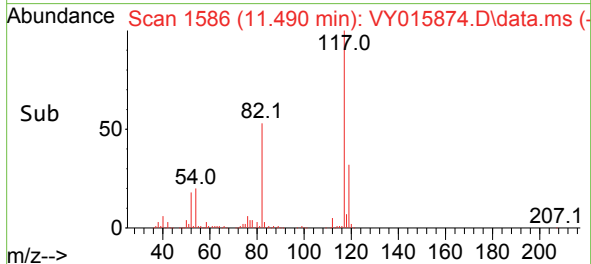
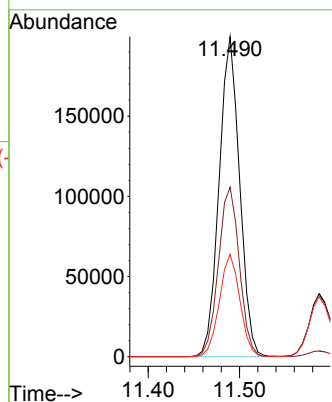
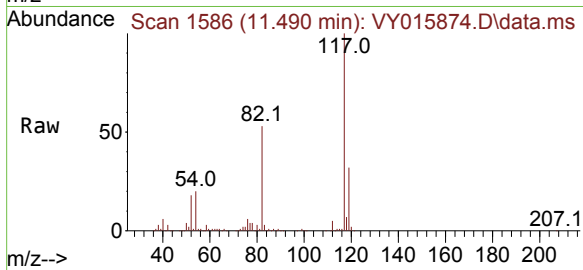
Tgt Ion:117 Resp: 311140

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 47.550 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Tgt Ion:164 Resp: 103992

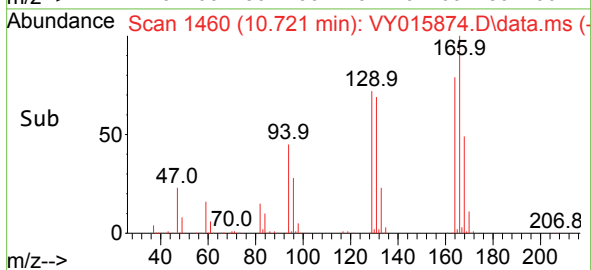
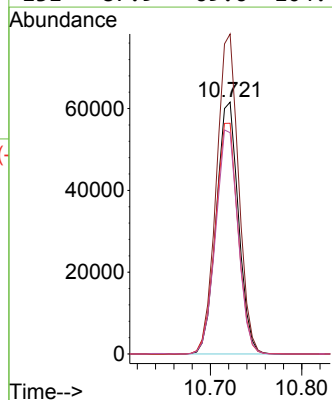
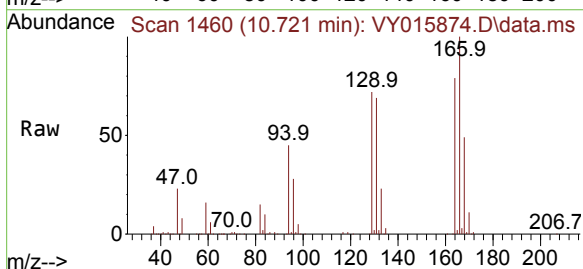
Ion Ratio Lower Upper

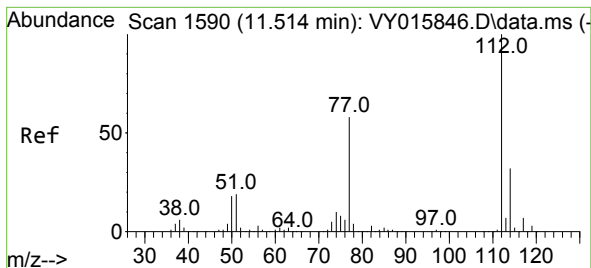
164 100

166 127.1 103.0 154.6

129 91.6 77.2 115.8

131 87.9 69.6 104.4





#65

Chlorobenzene

Concen: 39.374 ug/l

RT: 11.514 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

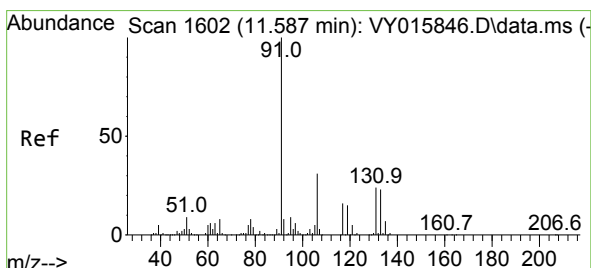
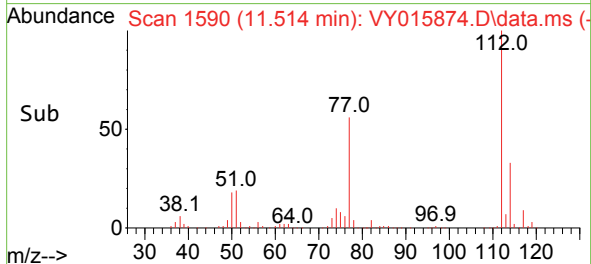
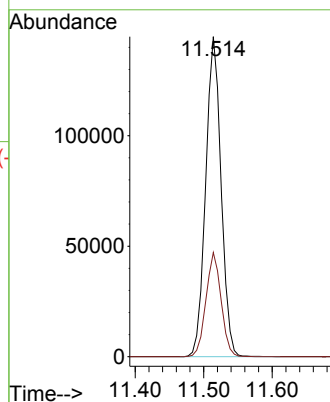
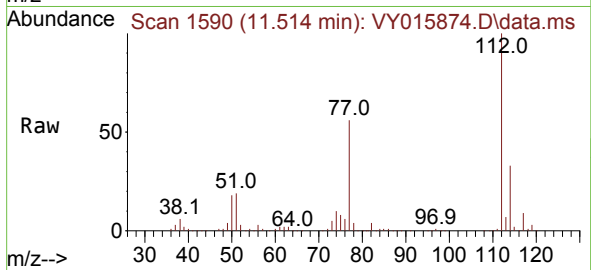
ClientSampleId :

Tgt Ion:112 Resp: 226563

Ion Ratio Lower Upper

112 100

114 32.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 38.968 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

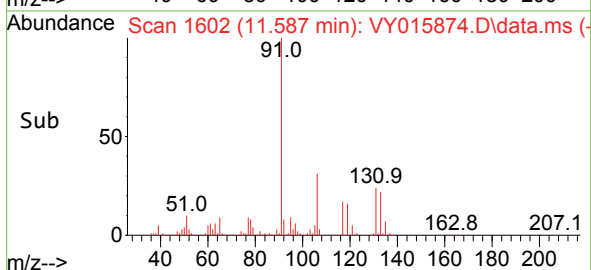
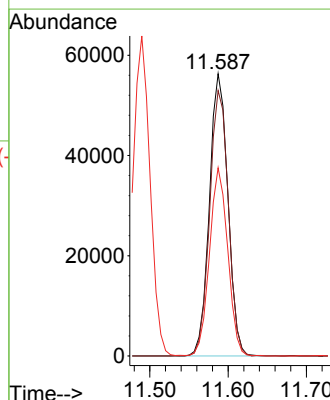
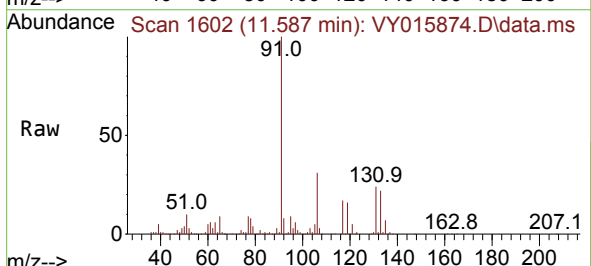
Tgt Ion:131 Resp: 92192

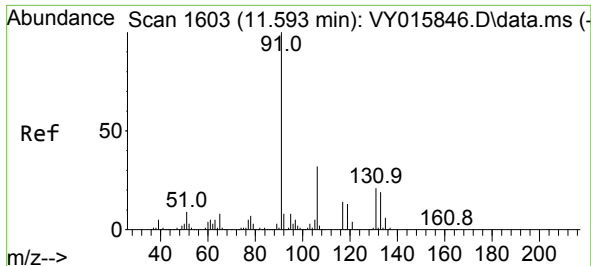
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 65.9 31.6 94.7

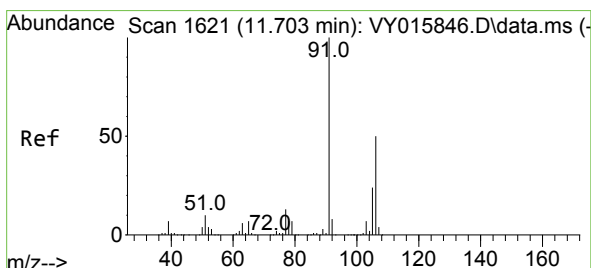
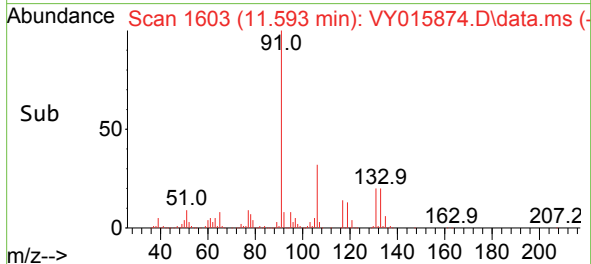
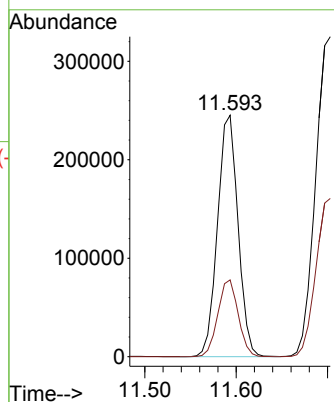
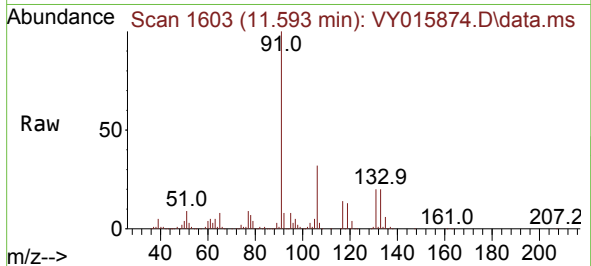




#67
Ethyl Benzene
Concen: 38.841 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

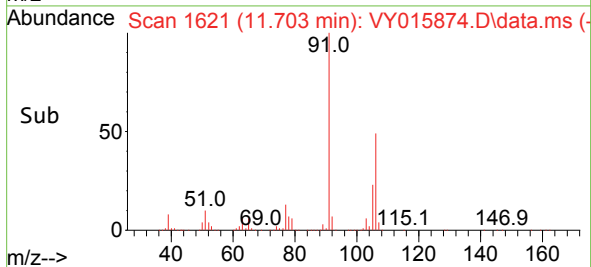
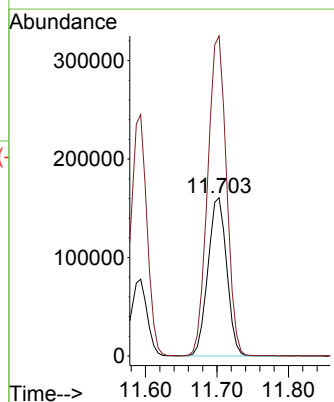
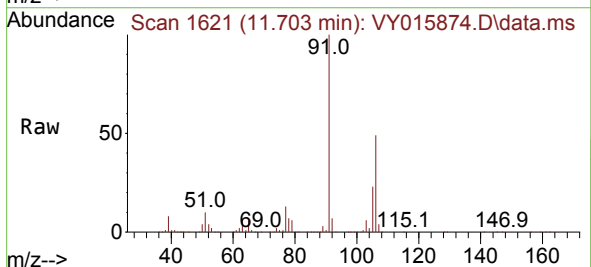
Instrument :
MSVOA_Y
ClientSampleId :

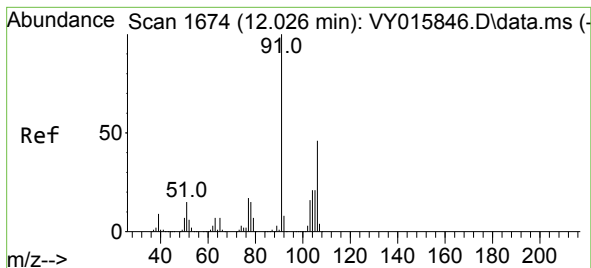
Tgt Ion: 91 Resp: 382530
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 78.277 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion:106 Resp: 293051
Ion Ratio Lower Upper
106 100
91 202.5 166.1 249.1





#69

o-Xylene

Concen: 39.771 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

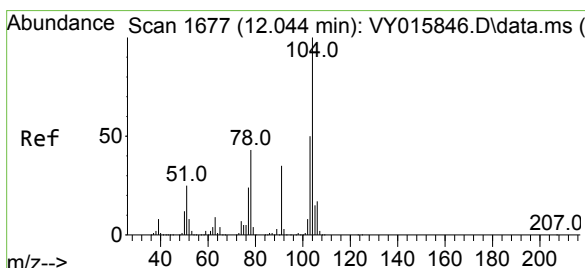
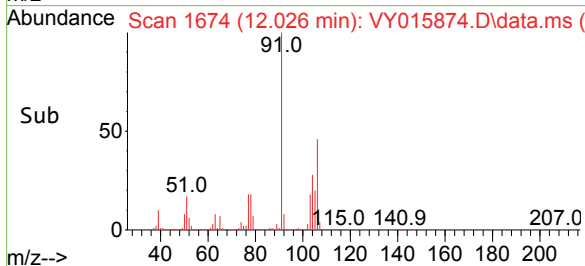
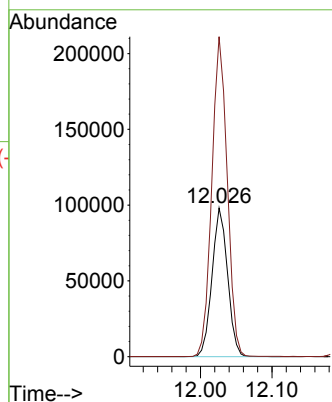
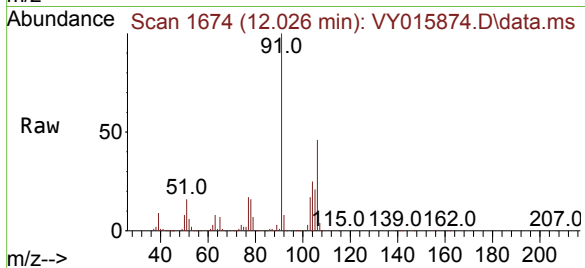
ClientSampleId :

Tgt Ion:106 Resp: 148097

Ion Ratio Lower Upper

106 100

91 213.4 108.1 324.3



#70

Styrene

Concen: 40.124 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

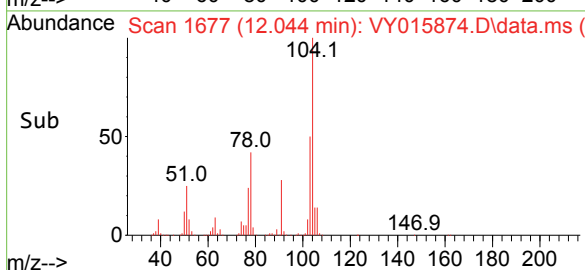
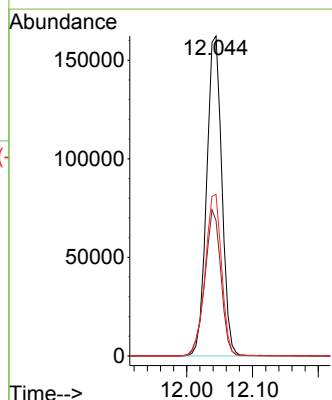
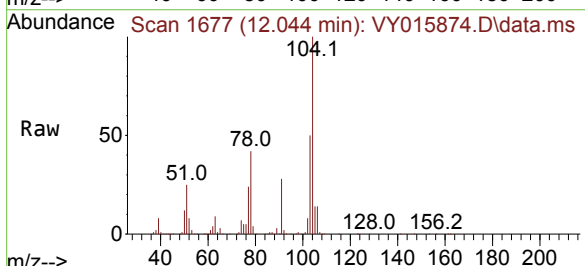
Tgt Ion:104 Resp: 260842

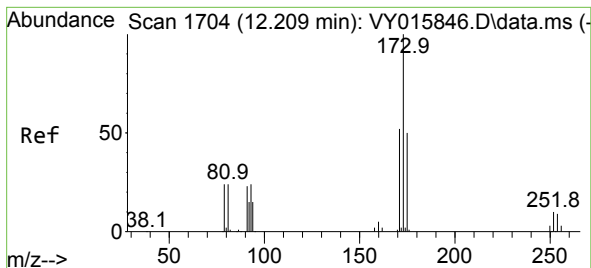
Ion Ratio Lower Upper

104 100

78 48.5 41.5 62.3

103 54.7 44.6 67.0





#71

Bromoform

Concen: 44.372 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

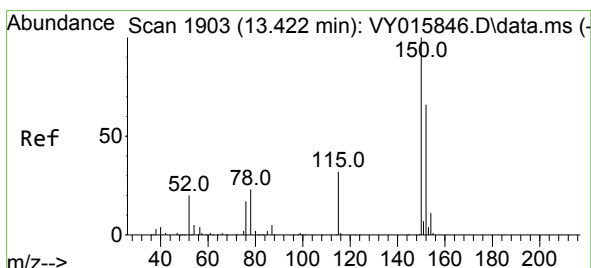
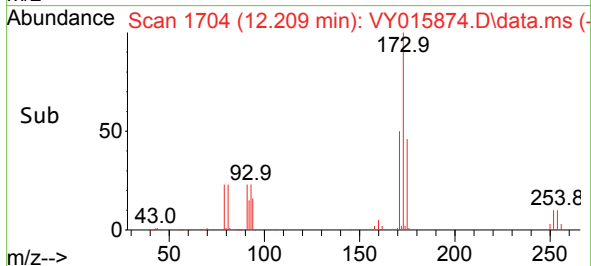
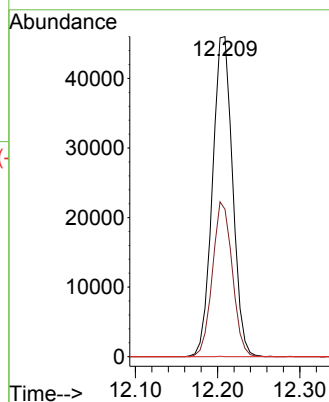
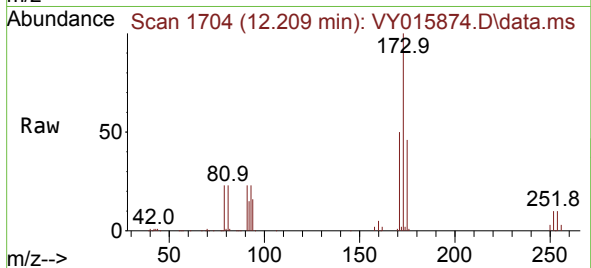
Tgt Ion:173 Resp: 78277

Ion Ratio Lower Upper

173 100

175 47.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

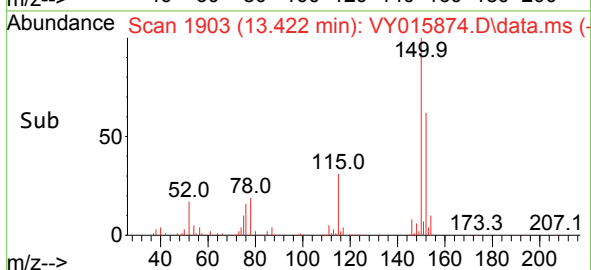
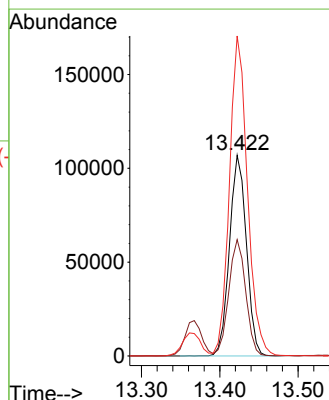
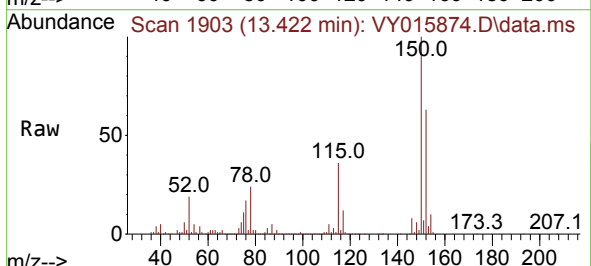
Tgt Ion:152 Resp: 160885

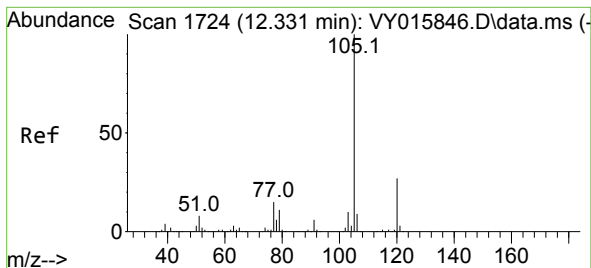
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 169.4 0.0 348.8





#73

Isopropylbenzene

Concen: 37.742 ug/l

RT: 12.325 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

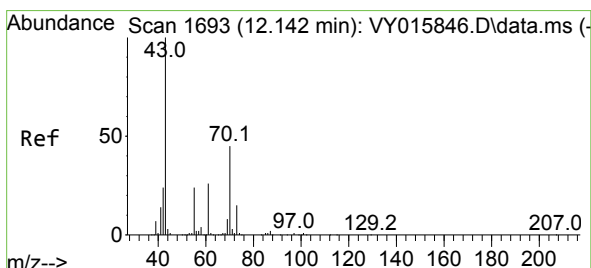
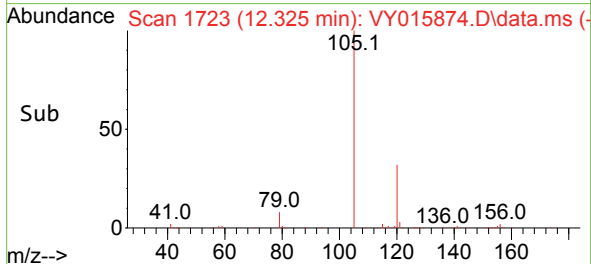
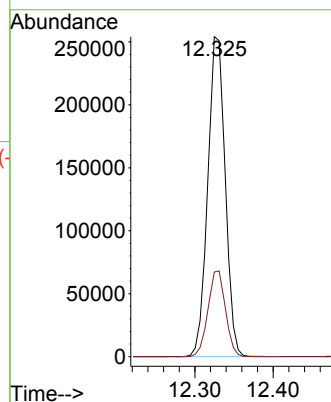
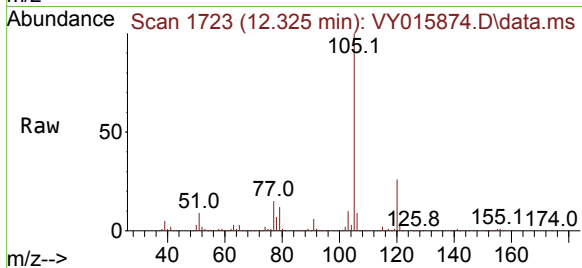
ClientSampleId :

Tgt Ion:105 Resp: 393344

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 42.318 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Tgt Ion: 43 Resp: 170425

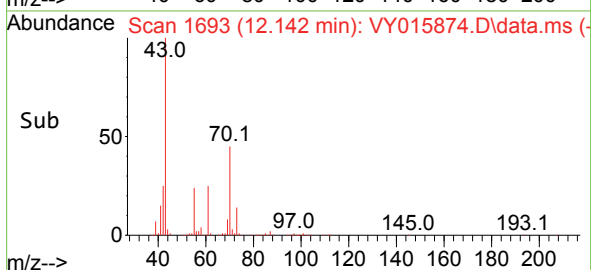
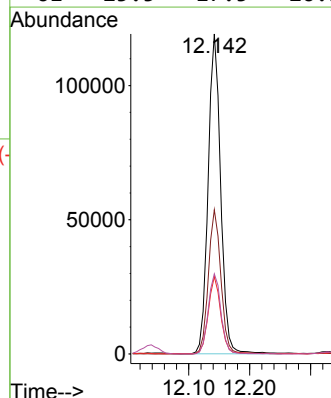
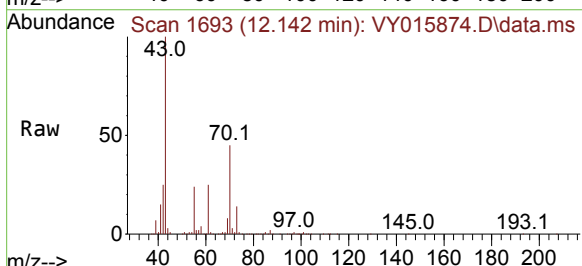
Ion Ratio Lower Upper

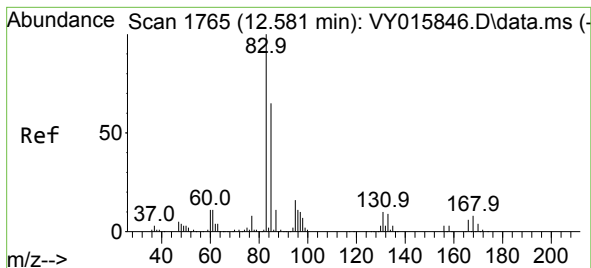
43 100

70 45.3 29.7 44.5#

55 24.0 18.3 27.5

61 25.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 41.167 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

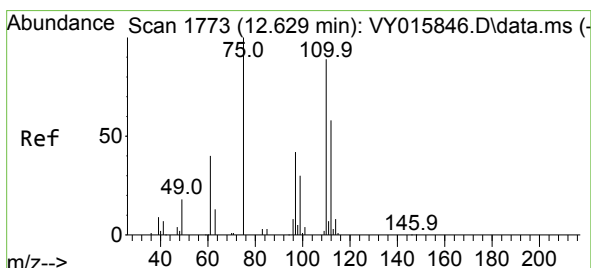
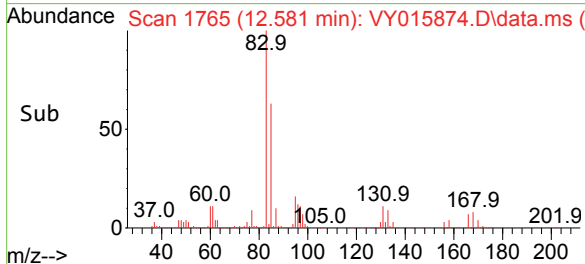
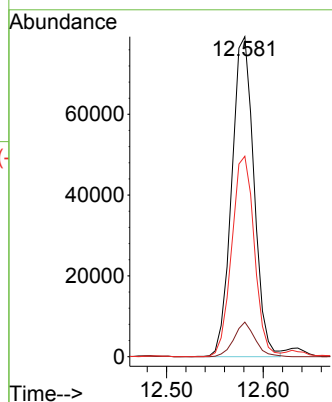
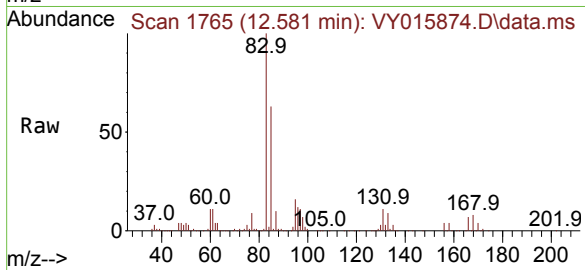
Tgt Ion: 83 Resp: 126737

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 63.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 76.060 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015874.D

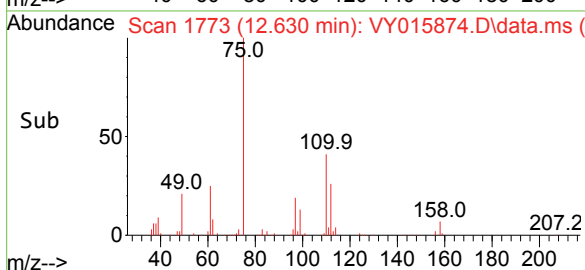
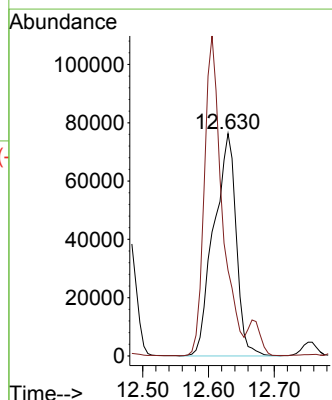
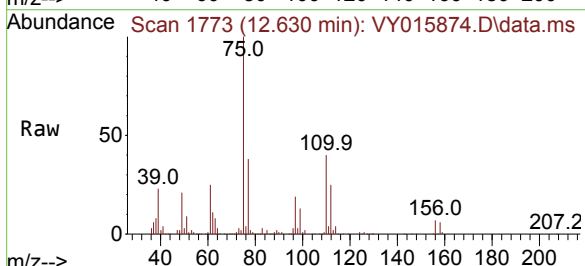
Acq: 06 Oct 2023 19:55

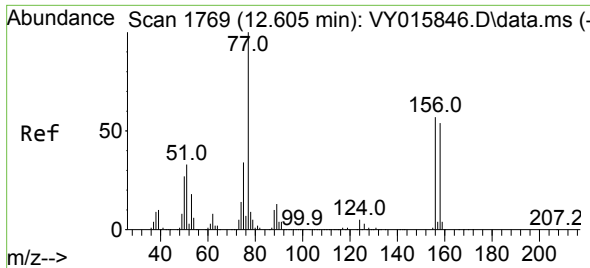
Tgt Ion: 75 Resp: 181149

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

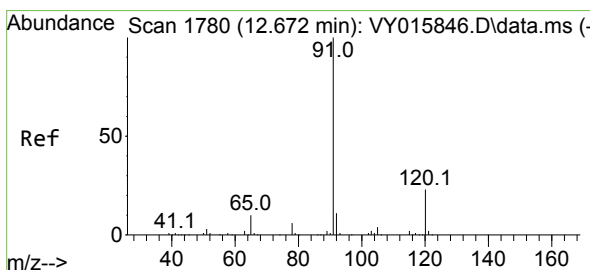
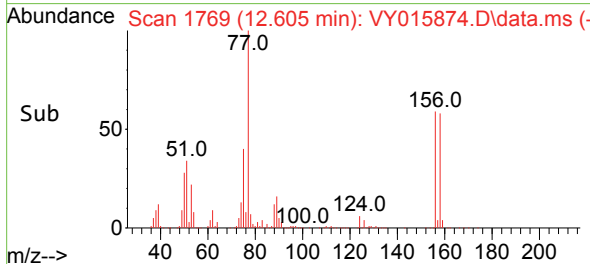
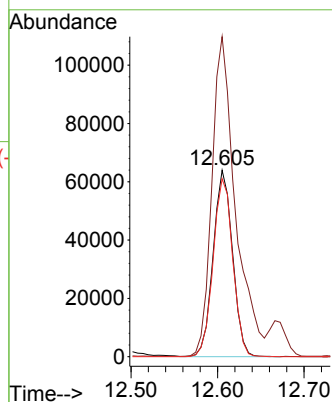
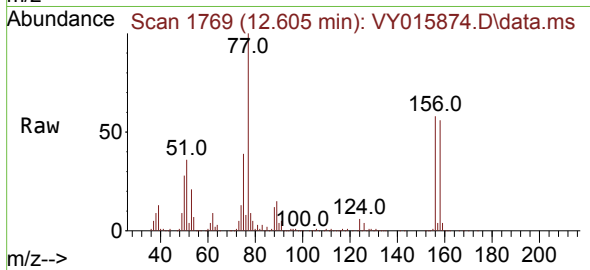




#77
Bromobenzene
Concen: 38.618 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

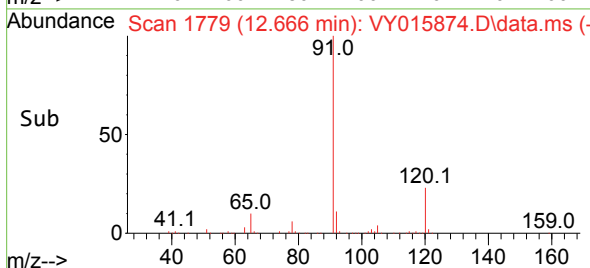
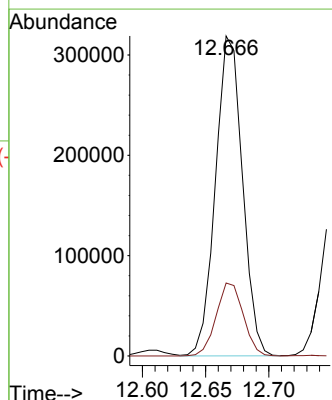
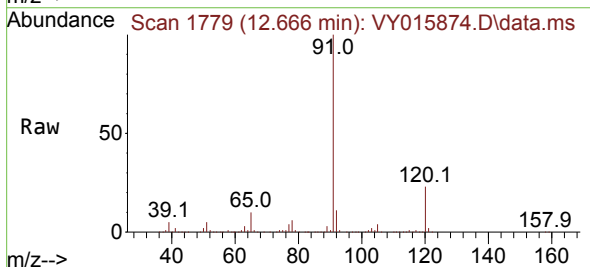
Instrument :
MSVOA_Y
ClientSampleId :

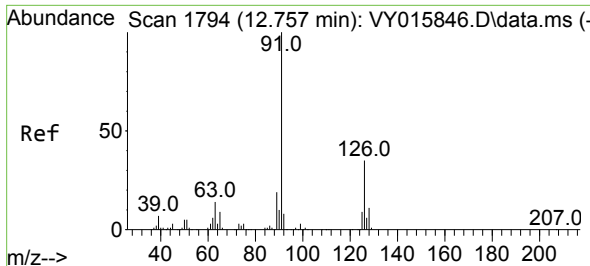
Tgt Ion:156 Resp: 99566
Ion Ratio Lower Upper
156 100
77 208.2 92.8 278.6
158 96.7 48.4 145.3



#78
n-propylbenzene
Concen: 37.837 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion: 91 Resp: 472329
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

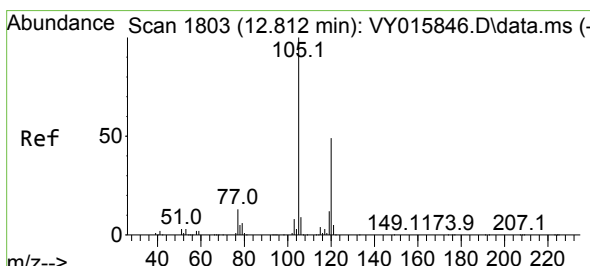
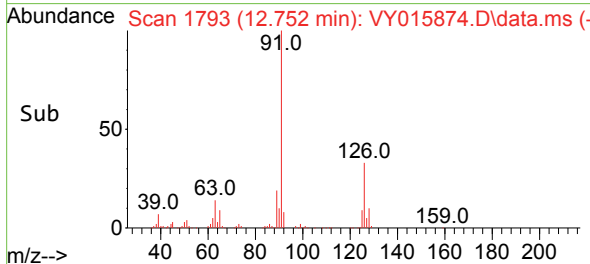
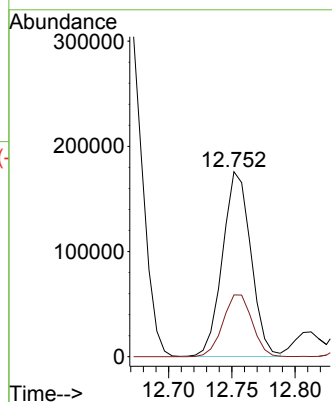
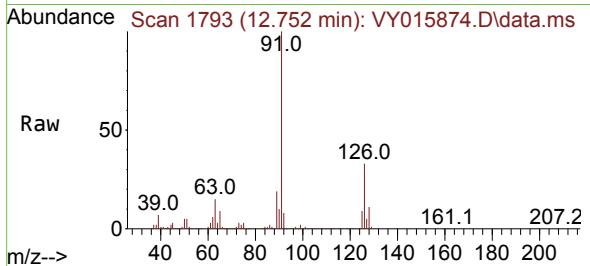




#79
2-Chlorotoluene
Concen: 38.182 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

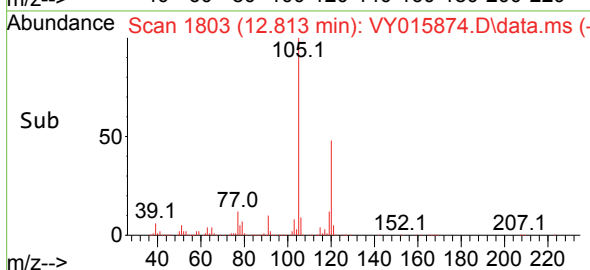
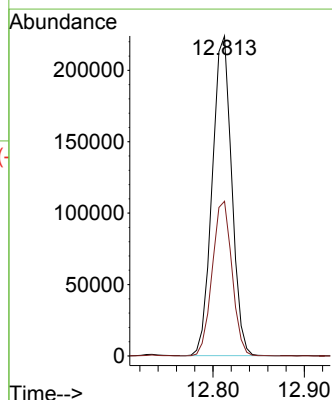
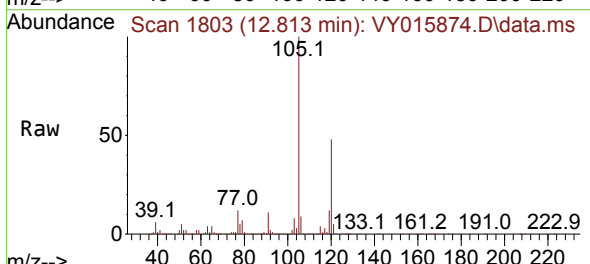
Instrument :
MSVOA_Y
ClientSampleId :

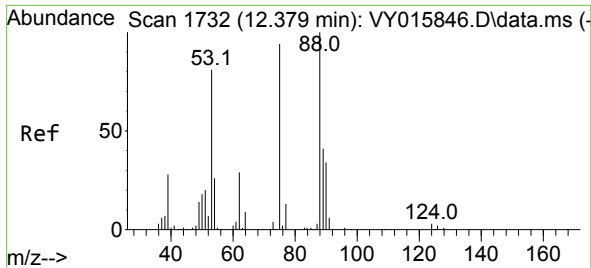
Tgt Ion: 91 Resp: 274484
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 38.030 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion:105 Resp: 330310
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

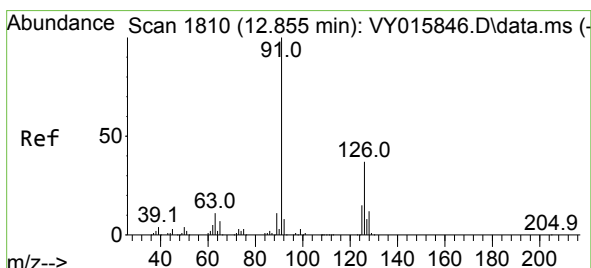
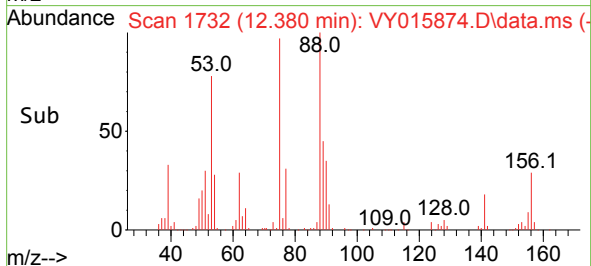
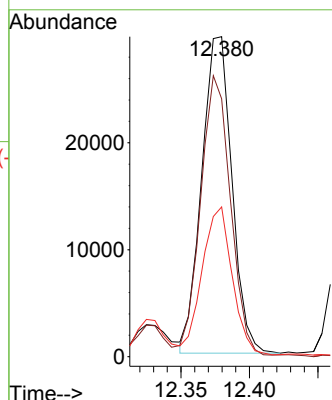
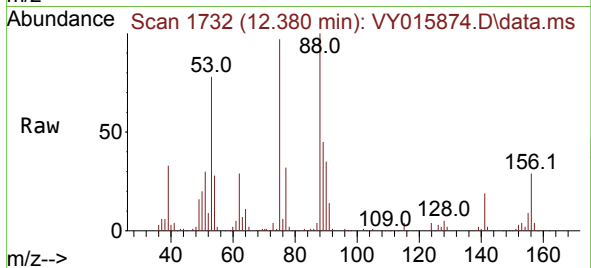




#81
trans-1,4-Dichloro-2-butene
Concen: 44.137 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

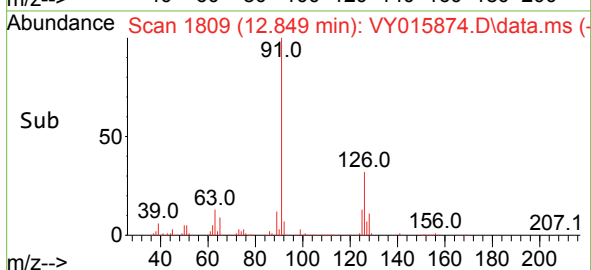
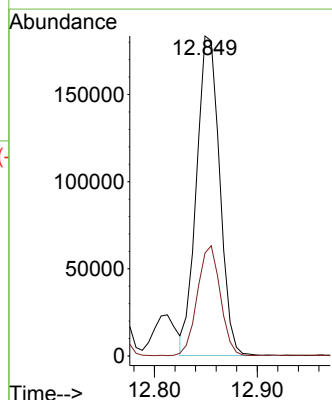
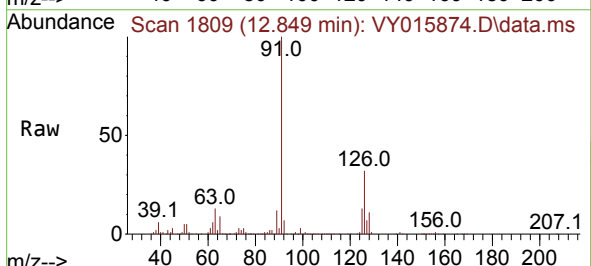
Instrument :
MSVOA_Y
ClientSampleId :

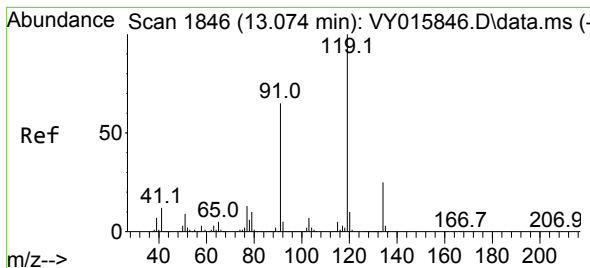
Tgt Ion	Ratio	Lower	Upper
75	100		
53	89.2	77.8	116.8
89	46.8	37.4	56.0



#82
4-Chlorotoluene
Concen: 38.127 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

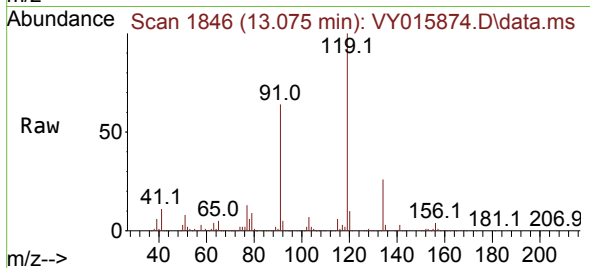
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.2	51.6



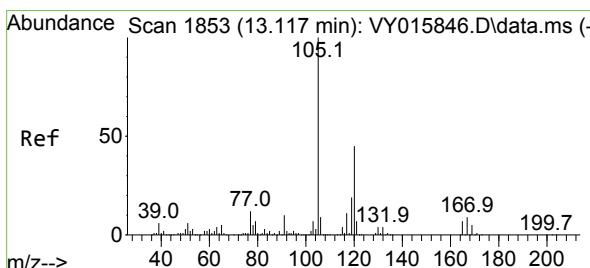
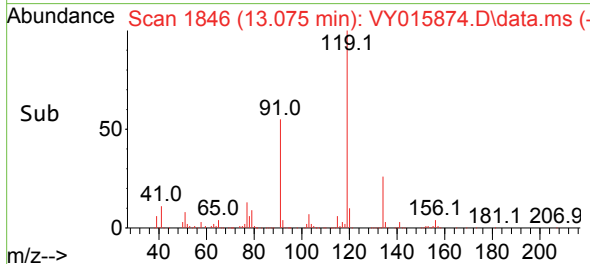
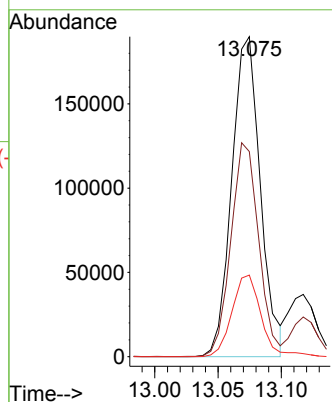


#83
tert-Butylbenzene
Concen: 37.662 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Instrument :
MSVOA_Y
ClientSampleId :

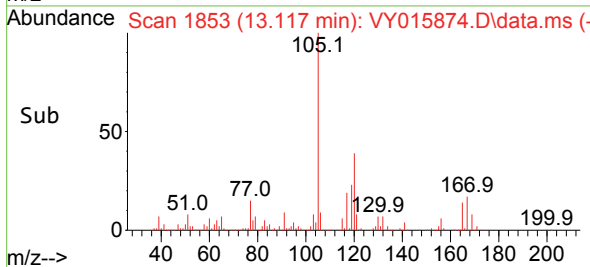
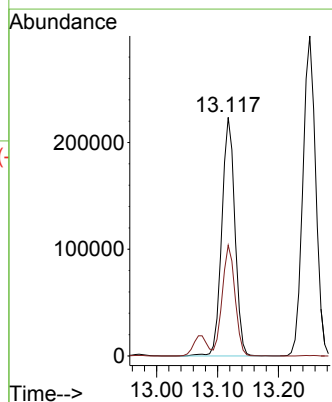
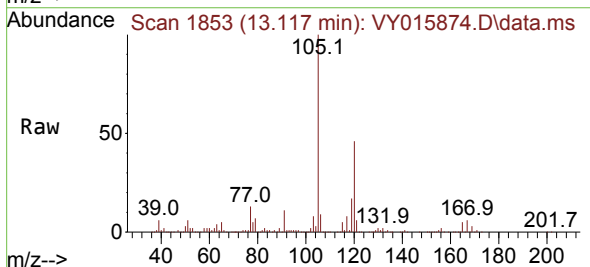


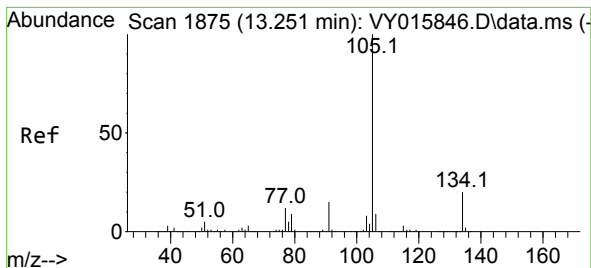
Tgt Ion:119 Resp: 299012
Ion Ratio Lower Upper
119 100
91 65.0 32.9 98.6
134 26.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 38.271 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY015874.D
Acq: 06 Oct 2023 19:55

Tgt Ion:105 Resp: 333944
Ion Ratio Lower Upper
105 100
120 45.0 22.2 66.6





#85

sec-Butylbenzene

Concen: 37.642 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

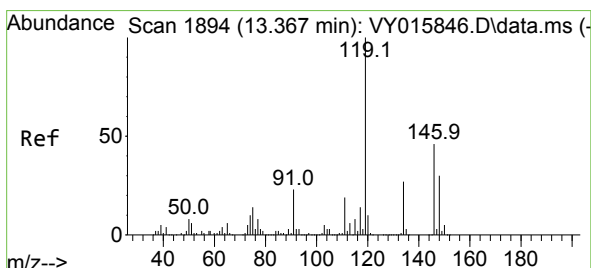
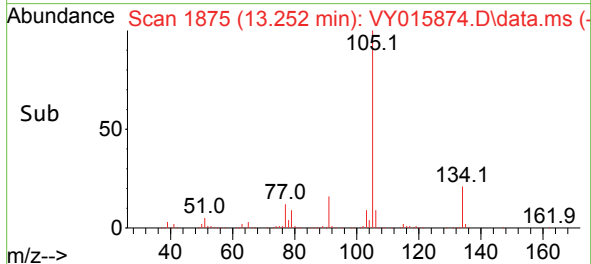
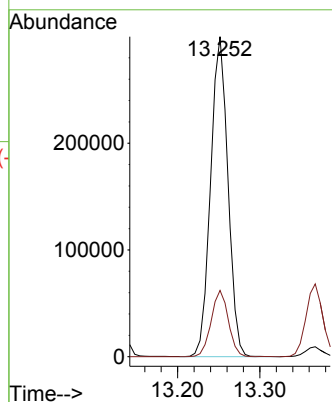
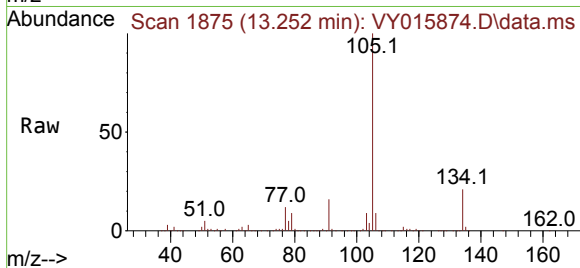
ClientSampleId :

Tgt Ion:105 Resp: 438457

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 37.692 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

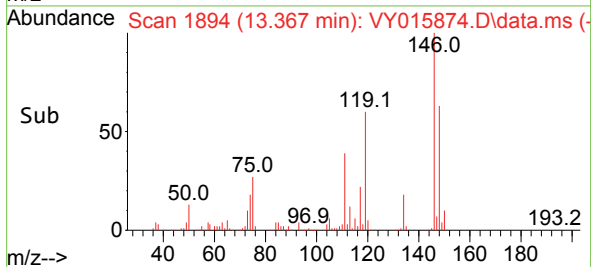
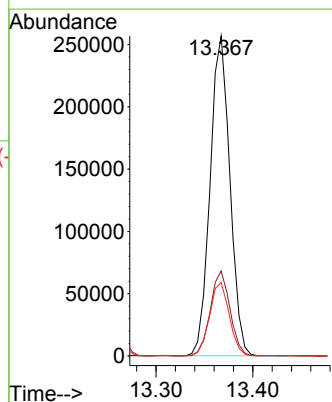
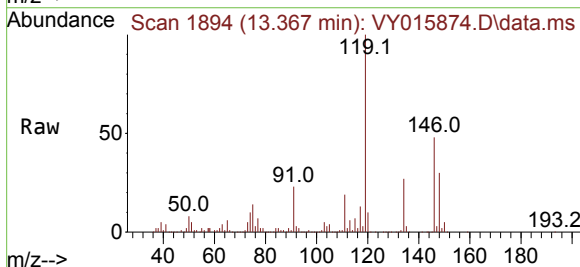
Tgt Ion:119 Resp: 365604

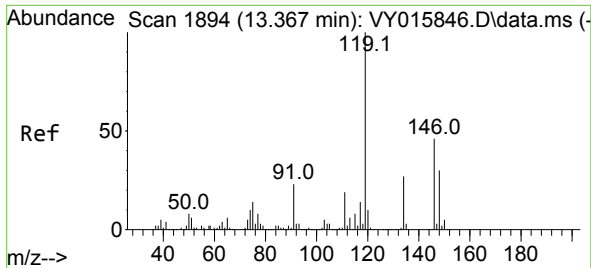
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 22.9 12.4 37.4

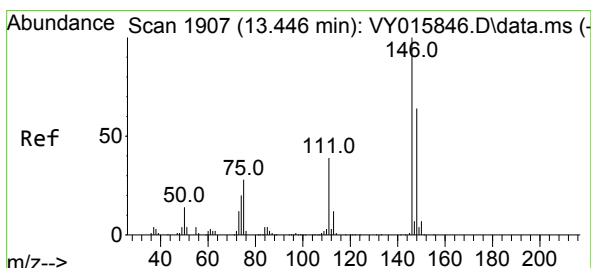
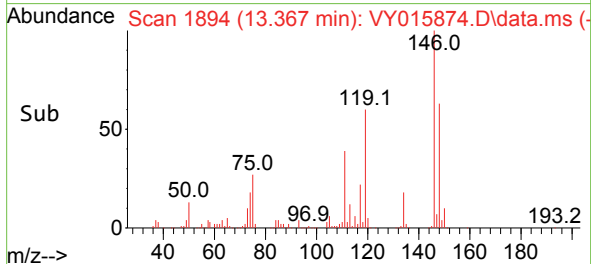
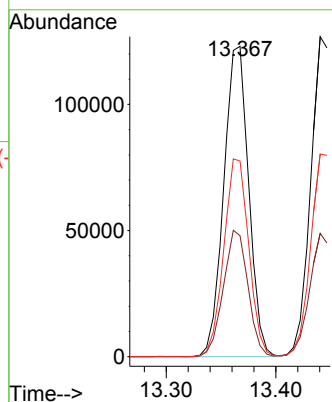
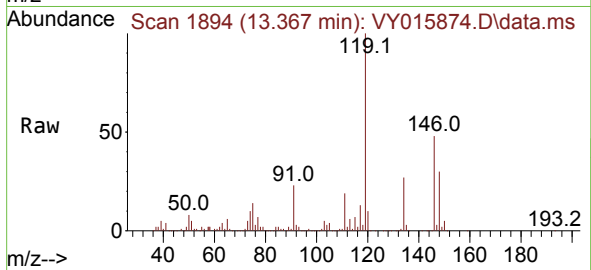




#87
 1,3-Dichlorobenzene
 Concen: 37.647 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY015874.D
 Acq: 06 Oct 2023 19:55

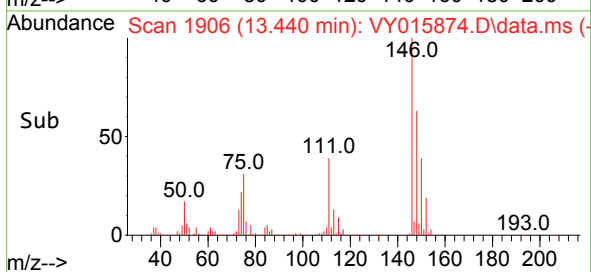
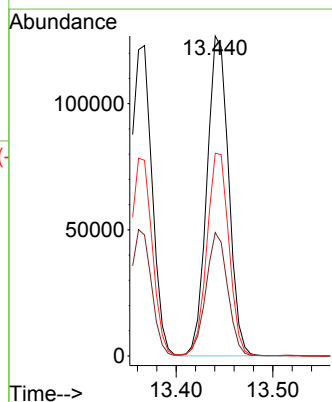
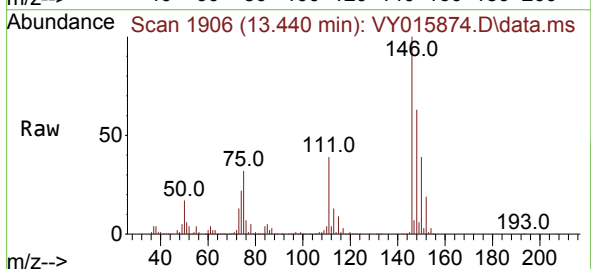
Instrument :
 MSVOA_Y
 ClientSampleId :

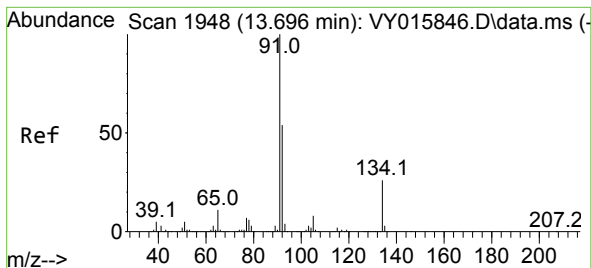
Tgt Ion:146 Resp: 194341
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.4 58.2
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 37.878 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VY015874.D
 Acq: 06 Oct 2023 19:55

Tgt Ion:146 Resp: 197699
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.7
 148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 37.235 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

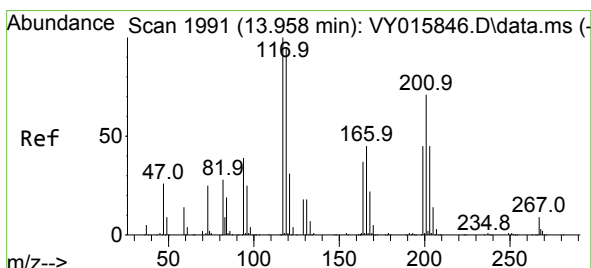
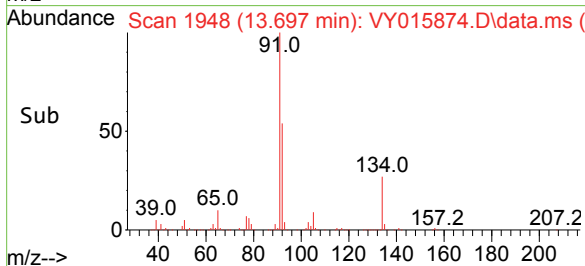
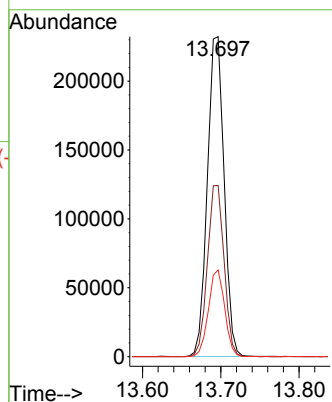
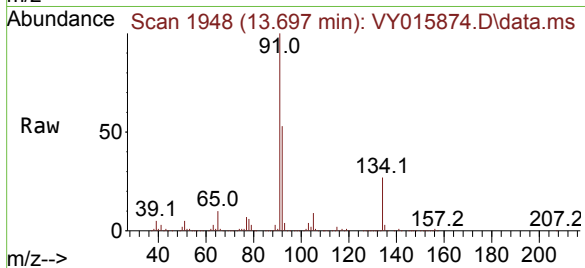
Tgt Ion: 91 Resp: 343677

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 37.527 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015874.D

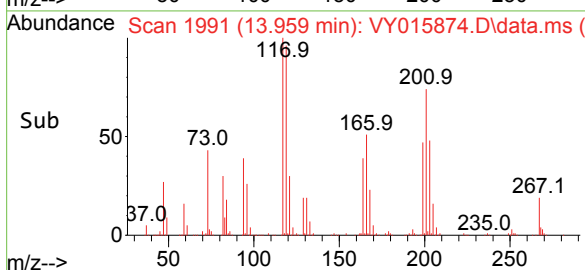
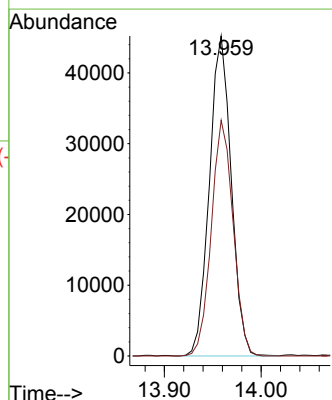
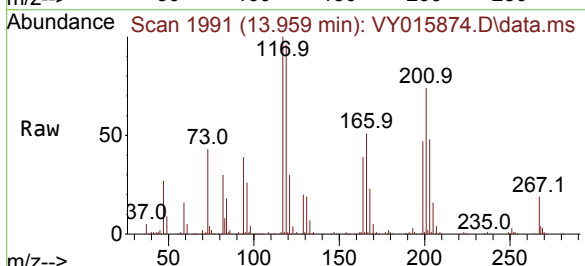
Acq: 06 Oct 2023 19:55

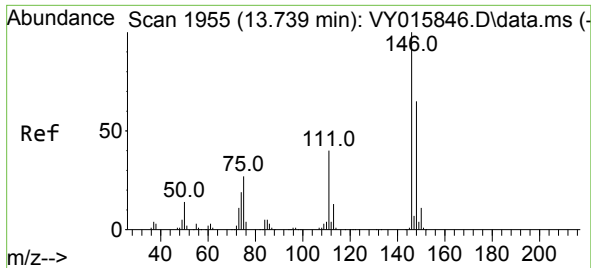
Tgt Ion: 117 Resp: 71051

Ion Ratio Lower Upper

117 100

201 73.3 41.6 124.8

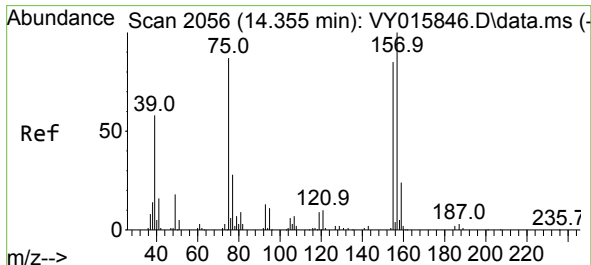
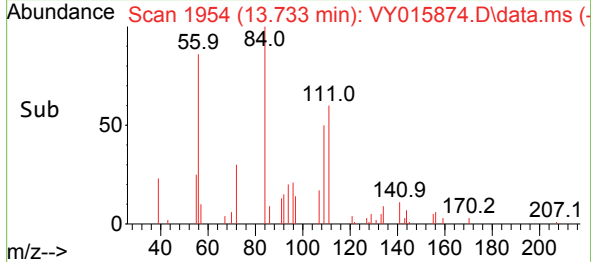
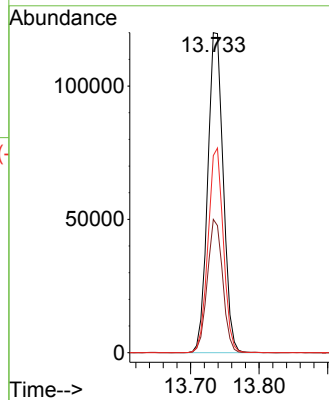
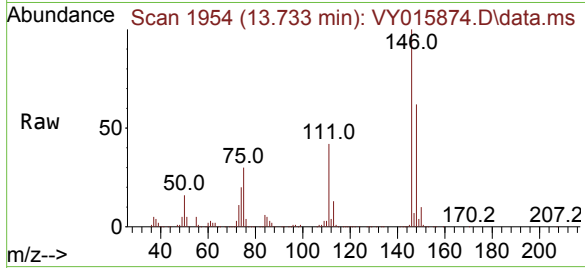




#91
 1,2-Dichlorobenzene
 Concen: 38.976 ug/l
 RT: 13.733 min Scan# 1954
 Delta R.T. -0.006 min
 Lab File: VY015874.D
 Acq: 06 Oct 2023 19:55

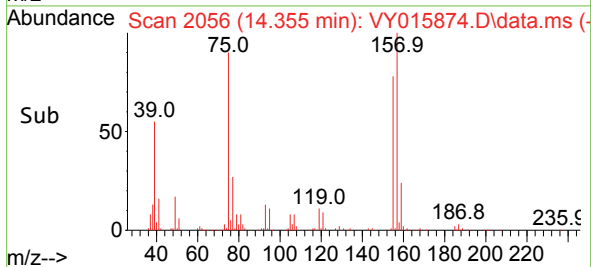
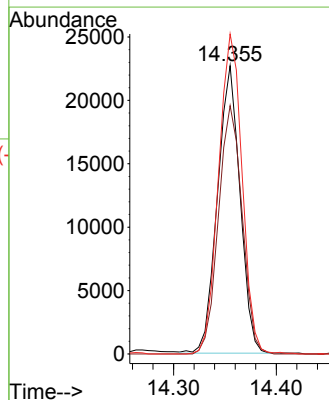
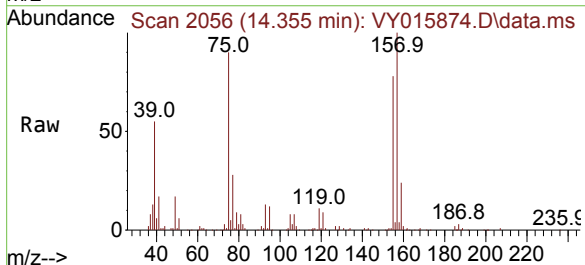
Instrument :
 MSVOA_Y
 ClientSampleId :

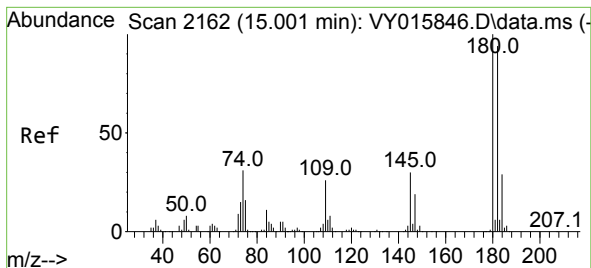
Tgt Ion:146 Resp: 189486
 Ion Ratio Lower Upper
 146 100
 111 41.2 19.7 59.0
 148 62.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.766 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY015874.D
 Acq: 06 Oct 2023 19:55

Tgt Ion: 75 Resp: 34449
 Ion Ratio Lower Upper
 75 100
 155 90.6 41.5 124.6
 157 116.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 38.597 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

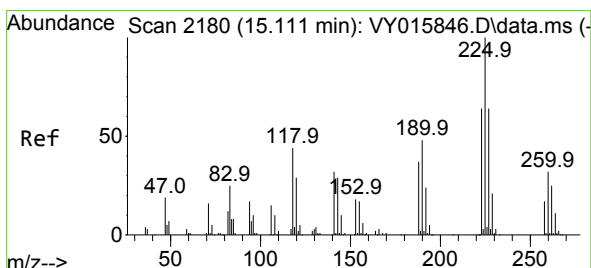
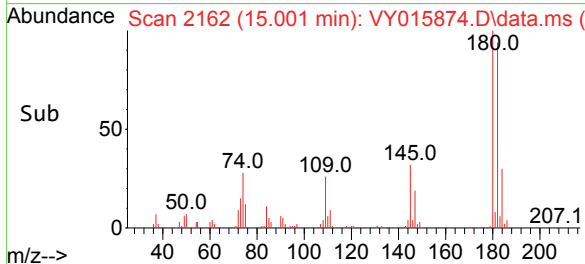
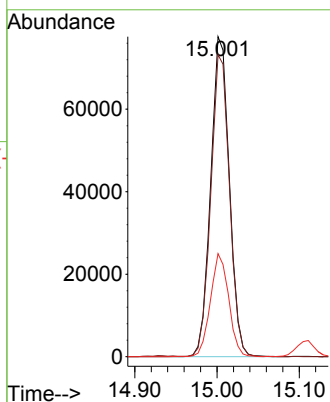
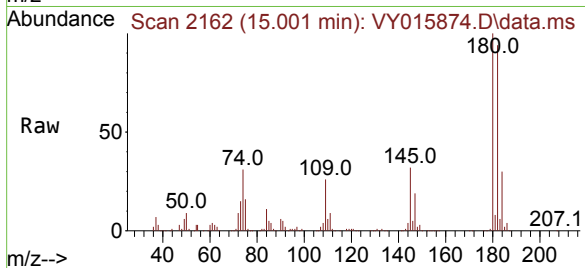
Tgt Ion:180 Resp: 122131

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 31.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 37.131 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

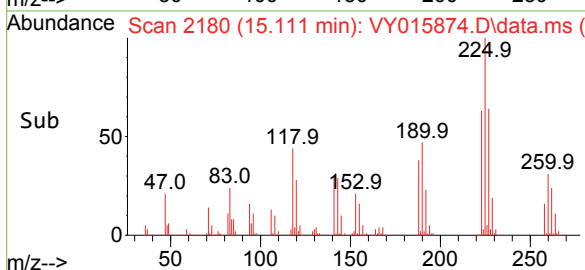
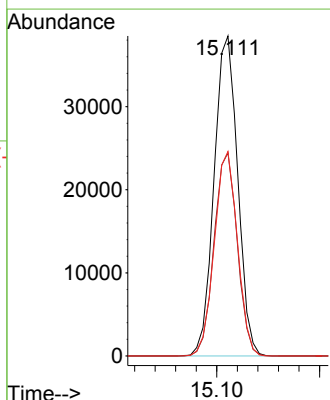
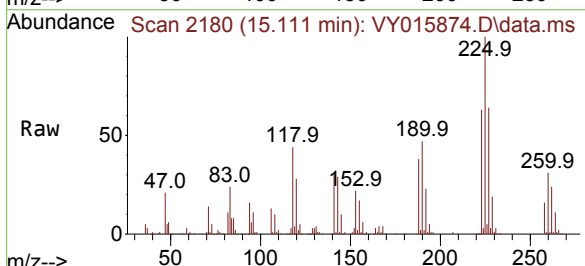
Tgt Ion:225 Resp: 61220

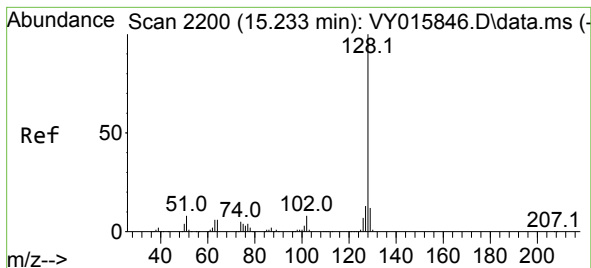
Ion Ratio Lower Upper

225 100

223 62.4 31.9 95.9

227 62.6 33.0 98.9





#95

Naphthalene

Concen: 54.079 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Instrument :

MSVOA_Y

ClientSampleId :

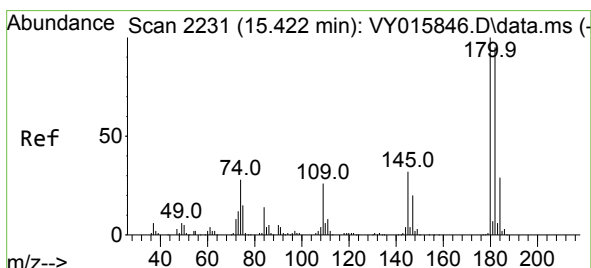
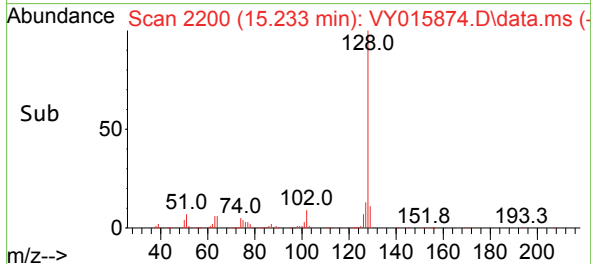
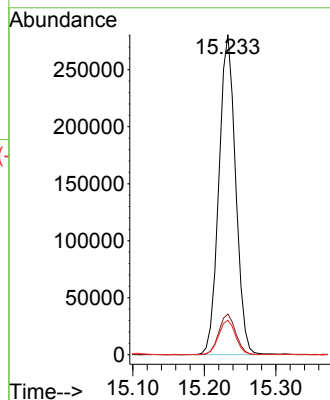
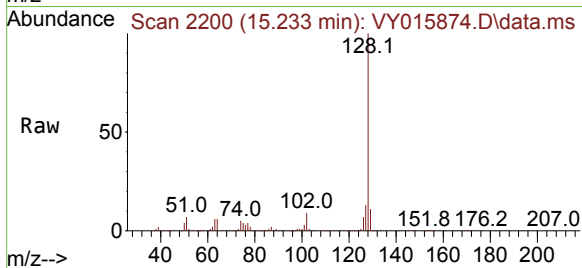
Tgt Ion:128 Resp: 456290

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 40.119 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015874.D

Acq: 06 Oct 2023 19:55

Tgt Ion:180 Resp: 118943

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 32.5 15.4 46.2

