

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015214.D
 Acq On : 21 Aug 2023 12:38
 Operator : SY/MD
 Sample : VY0821SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:52:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	187720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	310670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	125754	55.806	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.620%
35) Dibromofluoromethane	7.716	113	109643	54.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.720%
50) Toluene-d8	10.173	98	401616	53.980	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.960%
62) 4-Bromofluorobenzene	12.477	95	145598	53.578	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.160%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	17744	18.950	ug/l	99
3) Chloromethane	2.107	50	21943	17.057	ug/l	94
4) Vinyl Chloride	2.247	62	27423	18.359	ug/l	98
5) Bromomethane	2.619	94	22569	19.466	ug/l	96
6) Chloroethane	2.772	64	20736	19.120	ug/l	91
7) Trichlorofluoromethane	3.107	101	49453	19.648	ug/l	98
8) Diethyl Ether	3.522	74	20253	20.517	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	29965	19.156	ug/l	97
10) Methyl Iodide	4.076	142	25816	16.807	ug/l	98
11) Tert butyl alcohol	4.936	59	68546	180.241	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	23835	18.247	ug/l	92
13) Acrolein	3.723	56	23591	141.835	ug/l	97
14) Allyl chloride	4.466	41	44263	19.113	ug/l	97
15) Acrylonitrile	5.155	53	73415	109.745	ug/l	97
16) Acetone	3.942	43	87575	118.963	ug/l	91
17) Carbon Disulfide	4.186	76	36129	15.716	ug/l	97
18) Methyl Acetate	4.473	43	57183	21.197	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	117036	21.072	ug/l	93
20) Methylene Chloride	4.704	84	56966	30.598	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	28216	19.150	ug/l	97
22) Diisopropyl ether	6.113	45	114123	19.749	ug/l	94
23) Vinyl Acetate	6.052	43	340522	98.755	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	63145	20.183	ug/l	98
25) 2-Butanone	6.978	43	120494	115.603	ug/l	96
26) 2,2-Dichloropropane	6.972	77	59274	19.653	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	40319	20.032	ug/l	95
28) Bromochloromethane	7.320	49	31787	22.115	ug/l	90
29) Tetrahydrofuran	7.344	42	67710	108.641	ug/l	92
30) Chloroform	7.496	83	72266	20.605	ug/l	96
31) Cyclohexane	7.777	56	39321	17.896	ug/l #	85
32) 1,1,1-Trichloroethane	7.691	97	59735	20.015	ug/l	99
36) 1,1-Dichloropropene	7.911	75	41841	18.923	ug/l	100
37) Ethyl Acetate	7.070	43	43129	20.926	ug/l #	96
38) Carbon Tetrachloride	7.899	117	49456	18.899	ug/l	98
39) Methylcyclohexane	9.179	83	43291	17.465	ug/l	95
40) Benzene	8.155	78	130346	19.498	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	62251	58.574	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	49986	20.589	ug/l	94
43) Isopropyl Acetate	8.265	43	77288	20.592	ug/l	97
44) Trichloroethene	8.935	130	38679	20.083	ug/l	95
45) 1,2-Dichloropropane	9.210	63	38143	20.234	ug/l	98
46) Dibromomethane	9.301	93	24882	20.928	ug/l	97
47) Bromodichloromethane	9.490	83	57742	20.352	ug/l	100
48) Methyl methacrylate	9.289	41	34230	21.319	ug/l	94
49) 1,4-Dioxane	9.295	88	10358	435.675	ug/l #	66
51) 4-Methyl-2-Pentanone	10.063	43	236570	108.755	ug/l	94
52) Toluene	10.240	92	87533	19.866	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	59595	19.987	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	62014	19.749	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	38285	21.178	ug/l	96
56) Ethyl methacrylate	10.508	69	53621	20.267	ug/l	92
57) 1,3-Dichloropropane	10.789	76	60380	20.443	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	135867	110.350	ug/l	93
59) 2-Hexanone	10.831	43	181080	112.478	ug/l	93
60) Dibromochloromethane	10.977	129	44669	20.714	ug/l	99
61) 1,2-Dibromoethane	11.087	107	36017	20.972	ug/l	96
64) Tetrachloroethene	10.715	164	41900	21.283	ug/l	98
65) Chlorobenzene	11.514	112	103307	20.065	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42300	20.248	ug/l	99
67) Ethyl Benzene	11.587	91	177079	19.630	ug/l	100
68) m/p-Xylenes	11.697	106	135738	39.618	ug/l	95
69) o-Xylene	12.026	106	67952	19.909	ug/l	98
70) Styrene	12.038	104	116366	19.699	ug/l	96
71) Bromoform	12.203	173	30390	20.067	ug/l #	98
73) Isopropylbenzene	12.325	105	183013	19.902	ug/l	100
74) N-amyl acetate	12.142	43	68794	20.721	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	49021	20.469	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	64818	37.308	ug/l #	100
77) Bromobenzene	12.605	156	45544	20.319	ug/l	99
78) n-propylbenzene	12.666	91	215729	19.756	ug/l	99
79) 2-Chlorotoluene	12.752	91	125710	19.956	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	152033	19.834	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	15609	19.734	ug/l	99
82) 4-Chlorotoluene	12.849	91	128889	19.805	ug/l	99
83) tert-Butylbenzene	13.069	119	138596	19.768	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	151918	19.834	ug/l	98
85) sec-Butylbenzene	13.251	105	198712	19.344	ug/l	100
86) p-Isopropyltoluene	13.367	119	168985	19.841	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	89414	20.112	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	90295	20.250	ug/l	98
89) n-Butylbenzene	13.690	91	157866	19.659	ug/l	96
90) Hexachloroethane	13.959	117	32117	19.008	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	85168	20.507	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10282	22.162	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	55737	20.904	ug/l	98
94) Hexachlorobutadiene	15.111	225	30428	20.980	ug/l	96
95) Naphthalene	15.233	128	139322	20.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51628	21.440	ug/l	100

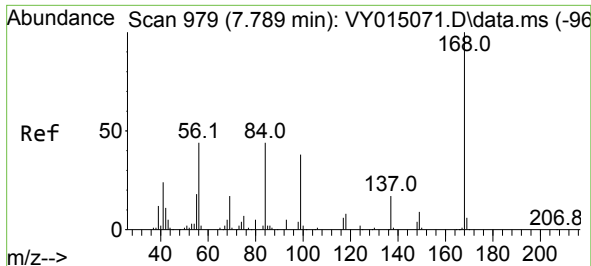
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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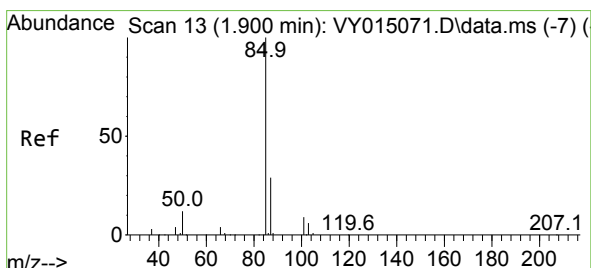
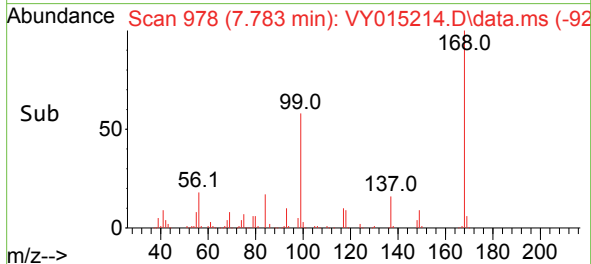
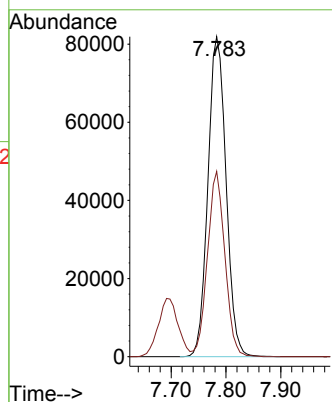
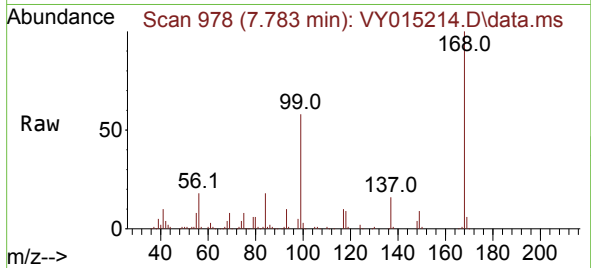
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

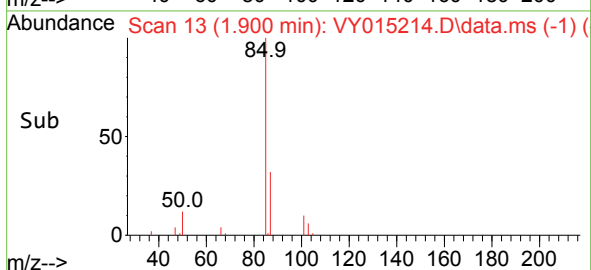
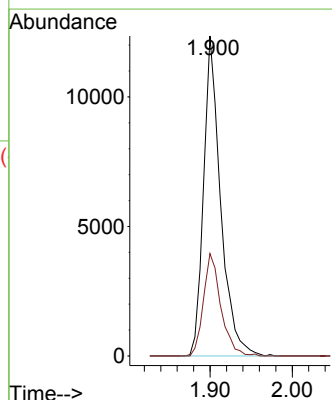
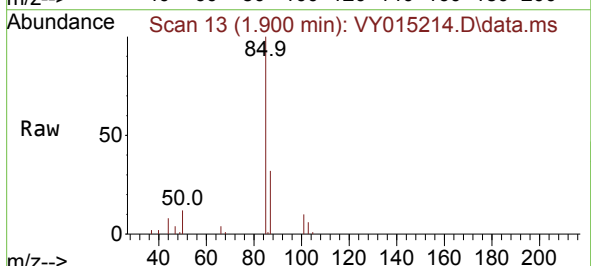
Instrument :
MSVOA_Y
ClientSampleId :

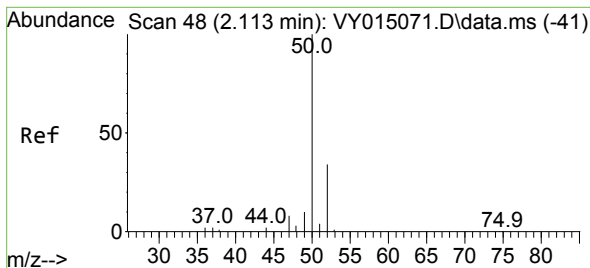
Tgt Ion:168 Resp: 187720
Ion Ratio Lower Upper
168 100
99 57.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.950 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion: 85 Resp: 17744
Ion Ratio Lower Upper
85 100
87 32.0 15.6 46.8





#3

Chloromethane

Concen: 17.057 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

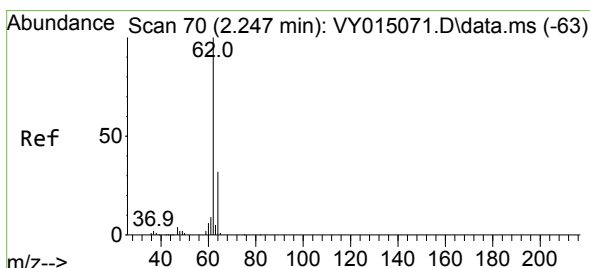
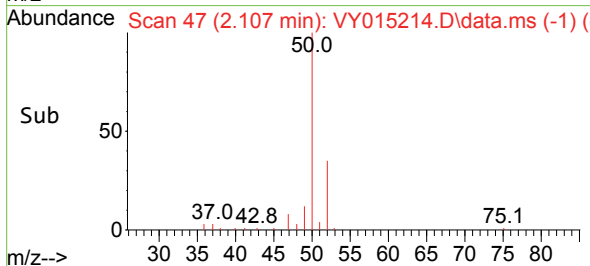
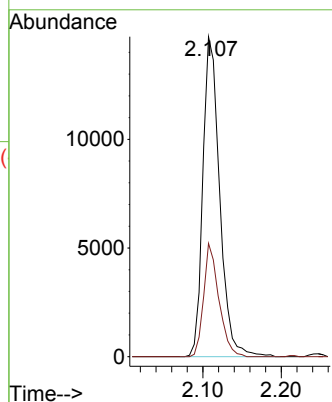
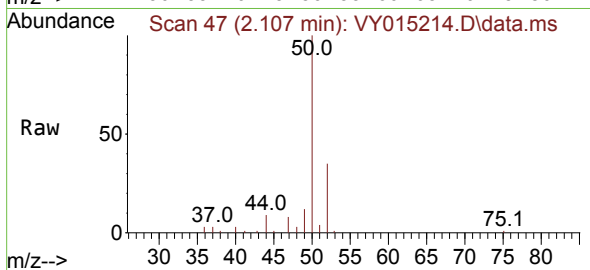
ClientSampleId :

Tgt Ion: 50 Resp: 21943

Ion Ratio Lower Upper

50 100

52 35.4 25.4 38.2



#4

Vinyl Chloride

Concen: 18.359 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015214.D

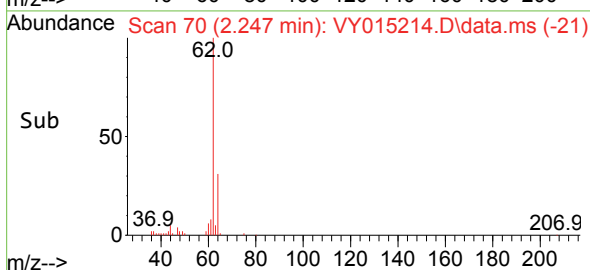
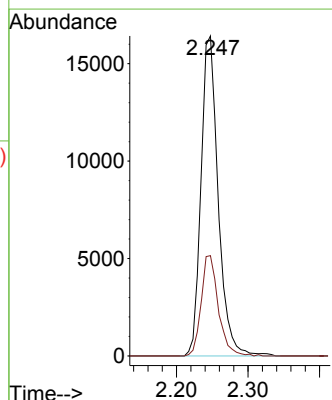
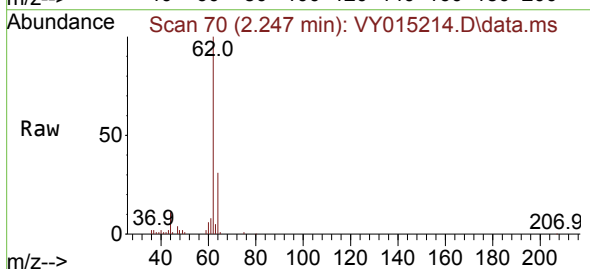
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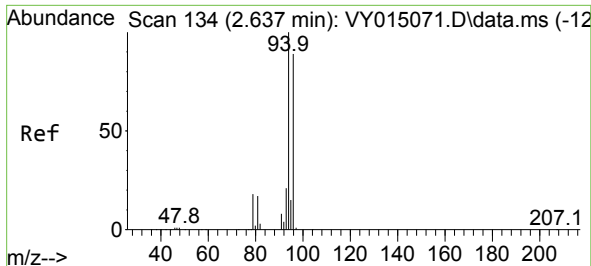
Tgt Ion: 62 Resp: 27423

Ion Ratio Lower Upper

62 100

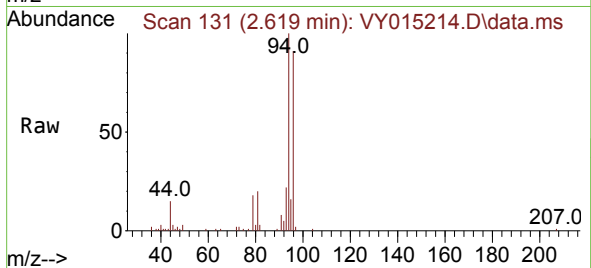
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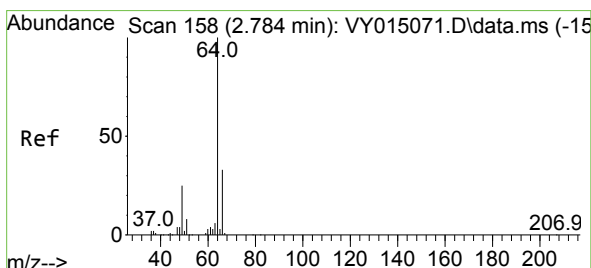
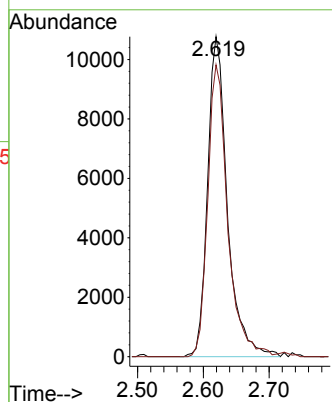
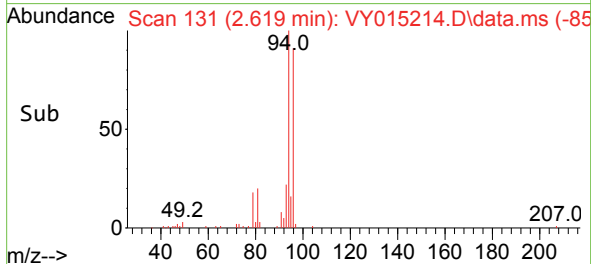


#5
Bromomethane
Concen: 19.466 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

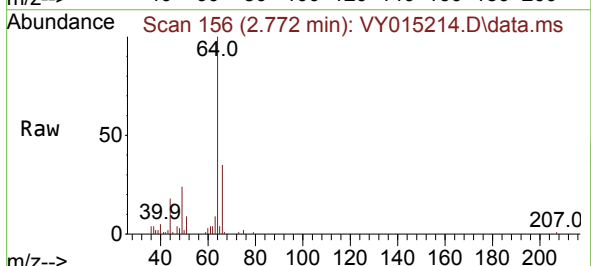
Instrument :
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ClientSampleId :



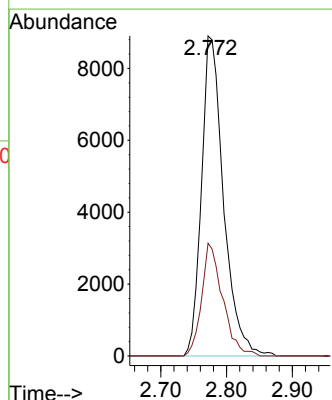
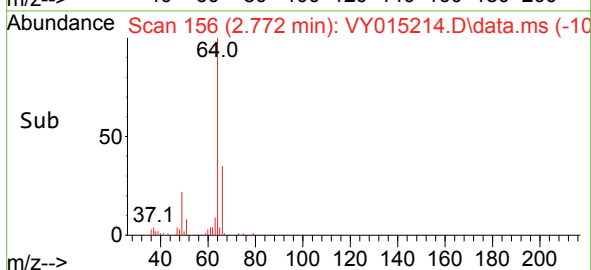
Tgt Ion: 94 Resp: 22569
Ion Ratio Lower Upper
94 100
96 91.2 75.8 113.6

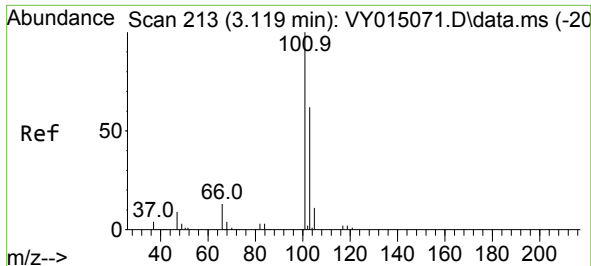


#6
Chloroethane
Concen: 19.120 ug/l
RT: 2.772 min Scan# 156
Delta R.T. -0.012 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38



Tgt Ion: 64 Resp: 20736
Ion Ratio Lower Upper
64 100
66 35.2 24.4 36.6

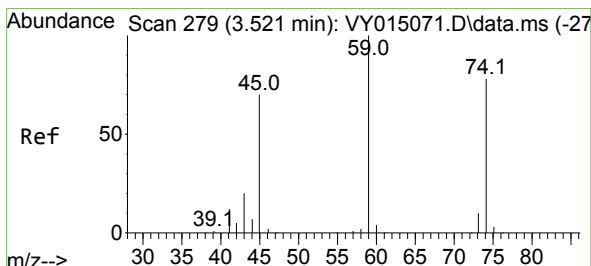
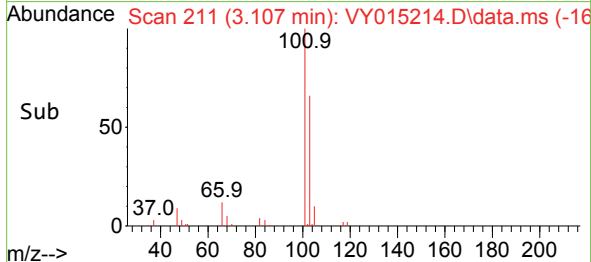
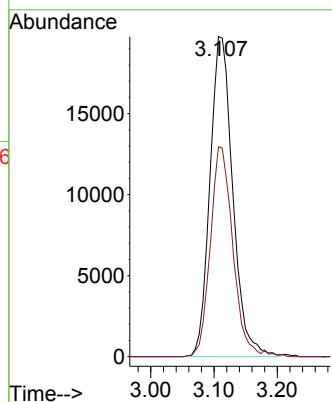
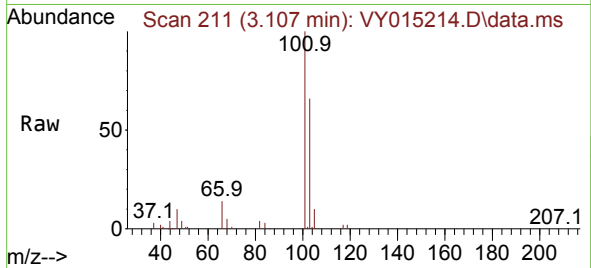




#7
Trichlorofluoromethane
Concen: 19.648 ug/l
RT: 3.107 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

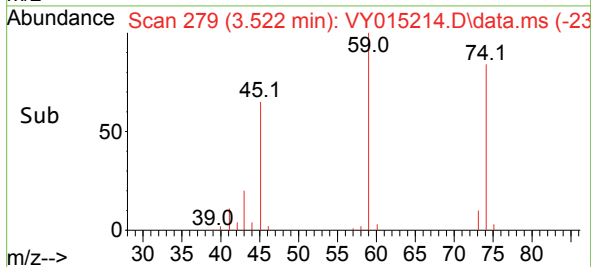
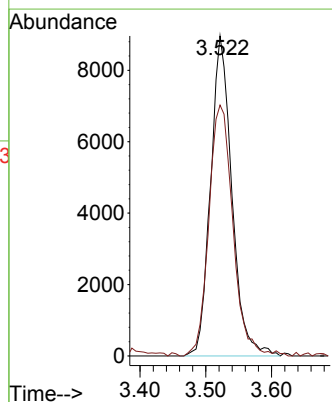
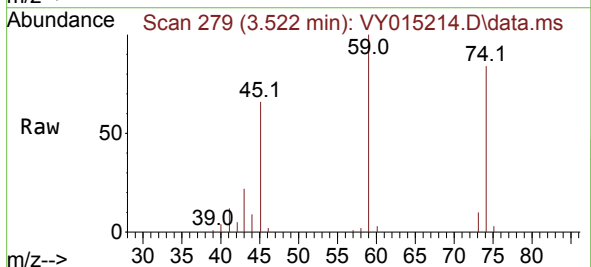
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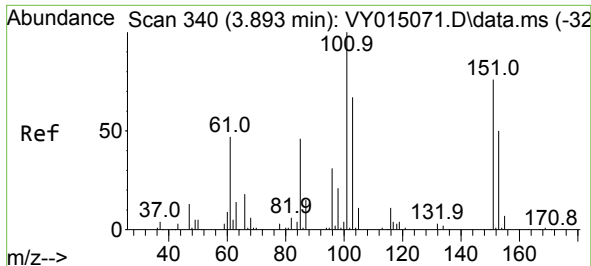
Tgt Ion:101 Resp: 49453
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.0



#8
Diethyl Ether
Concen: 20.517 ug/l
RT: 3.522 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion: 74 Resp: 20253
Ion Ratio Lower Upper
74 100
45 88.4 51.5 154.5

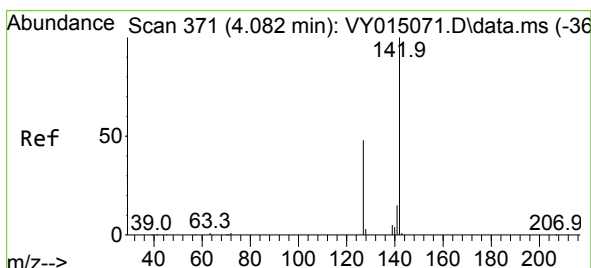
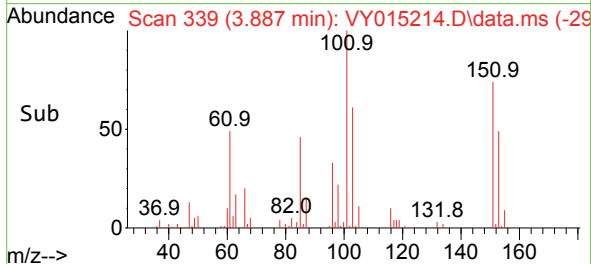
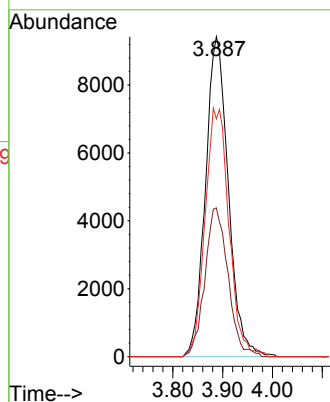
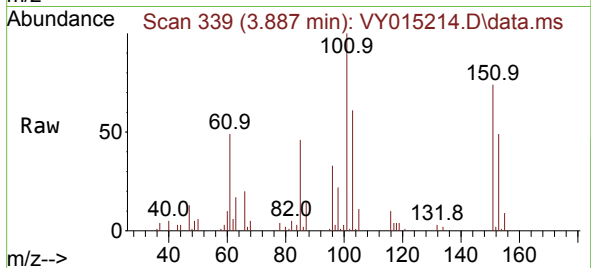




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.156 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

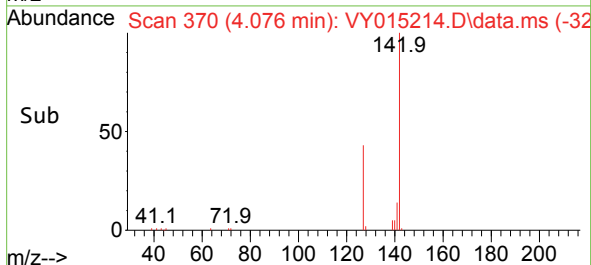
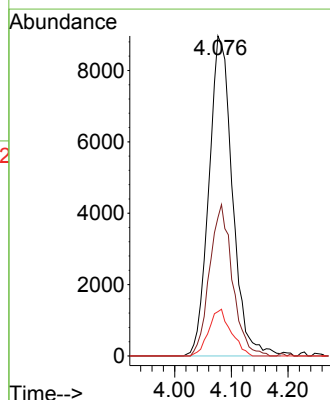
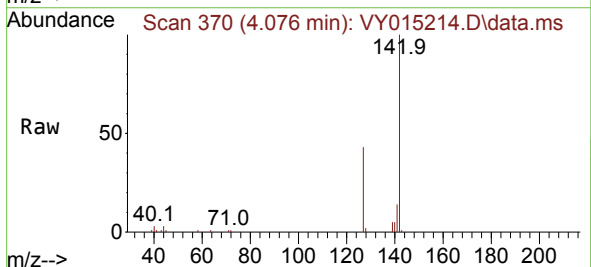
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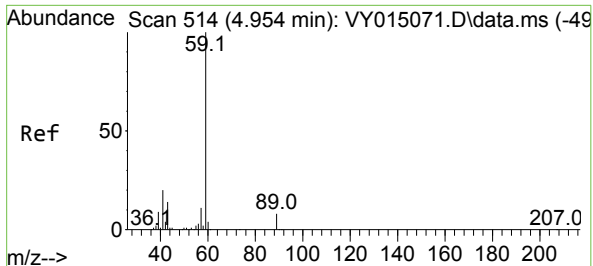
Tgt Ion:101 Resp: 29965
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 81.2 67.0 100.6



#10
Methyl Iodide
Concen: 16.807 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion:142 Resp: 25816
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 13.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 180.241 ug/l

RT: 4.936 min Scan# 514

Delta R.T. -0.012 min

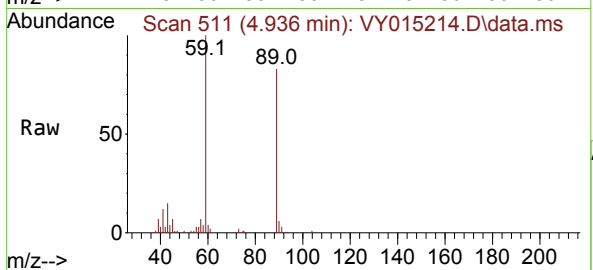
Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

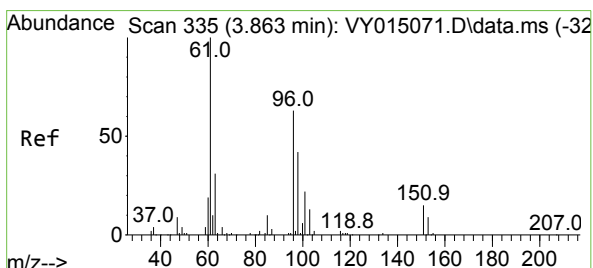
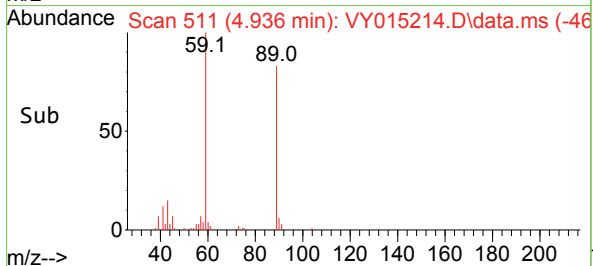
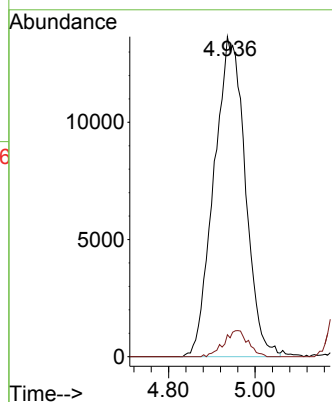


Tgt Ion: 59 Resp: 68546

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 18.247 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

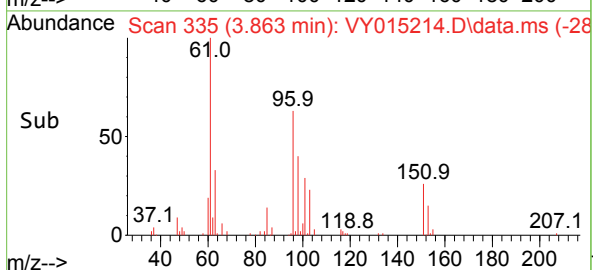
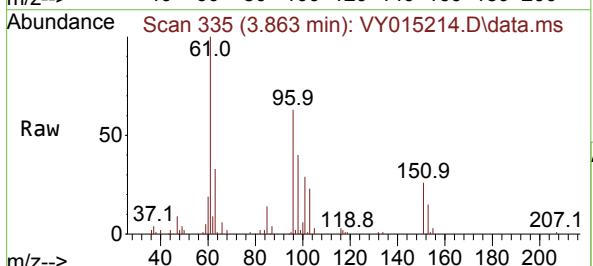
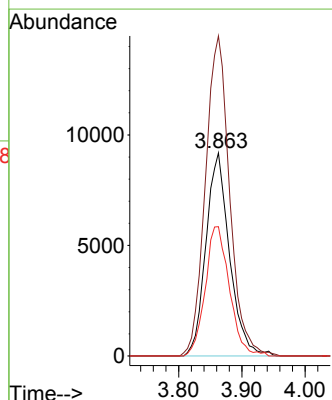
Tgt Ion: 96 Resp: 23835

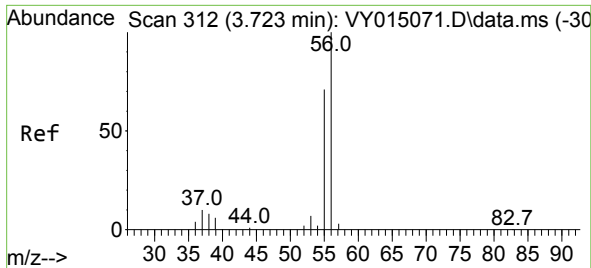
Ion Ratio Lower Upper

96 100

61 157.7 136.4 204.6

98 63.7 49.4 74.2

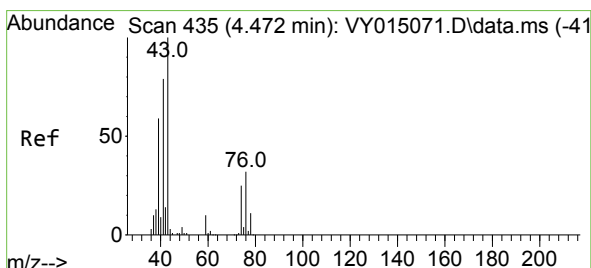
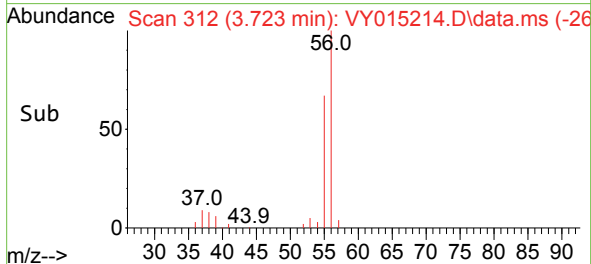
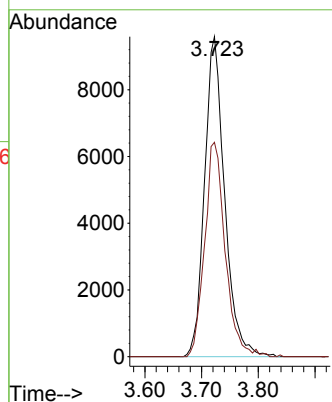
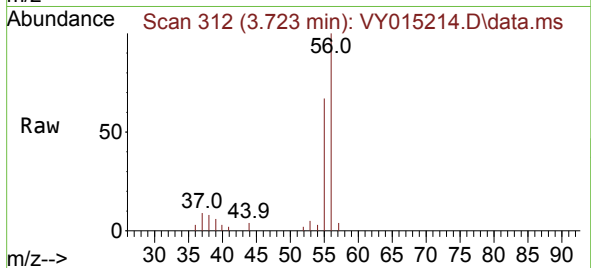




#13
Acrolein
Concen: 141.835 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

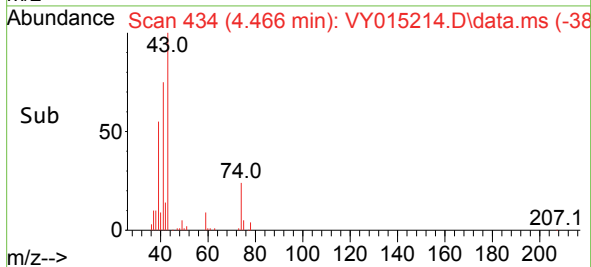
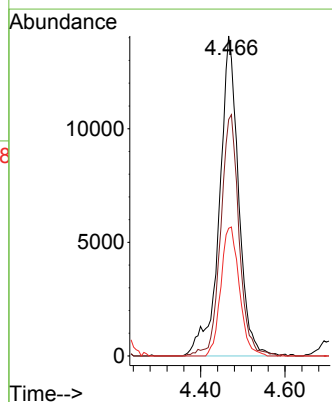
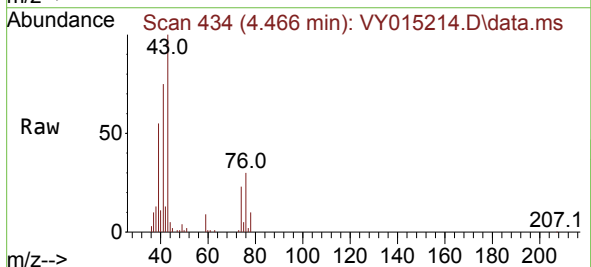
Instrument :
MSVOA_Y
ClientSampleId :

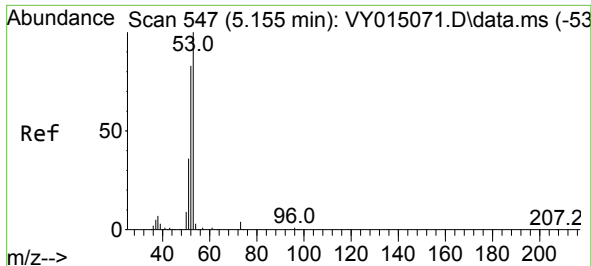
Tgt Ion: 56 Resp: 23591
Ion Ratio Lower Upper
56 100
55 68.7 57.0 85.4



#14
Allyl chloride
Concen: 19.113 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

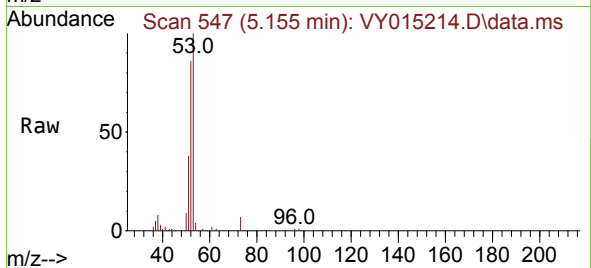
Tgt Ion: 41 Resp: 44263
Ion Ratio Lower Upper
41 100
39 72.4 58.0 87.0
76 38.8 27.4 41.2



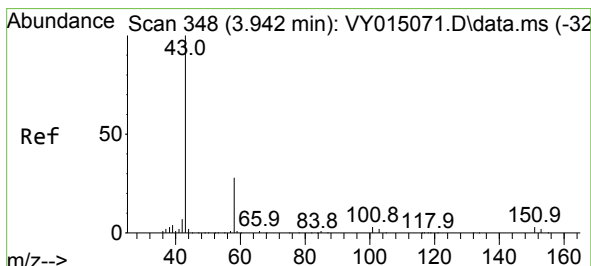
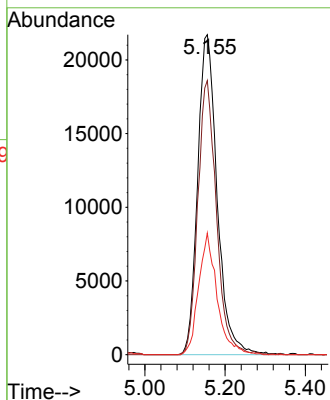
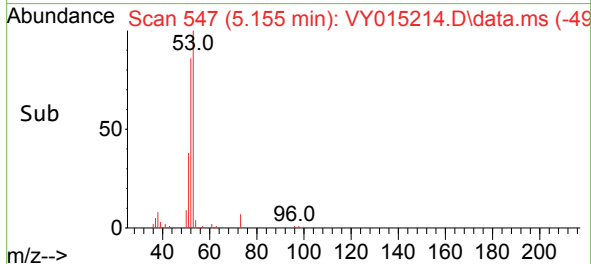


#15
Acrylonitrile
Concen: 109.745 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Instrument :
MSVOA_Y
ClientSampleId :

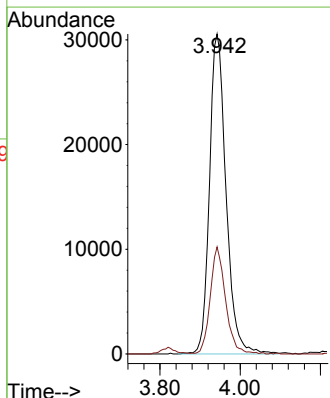
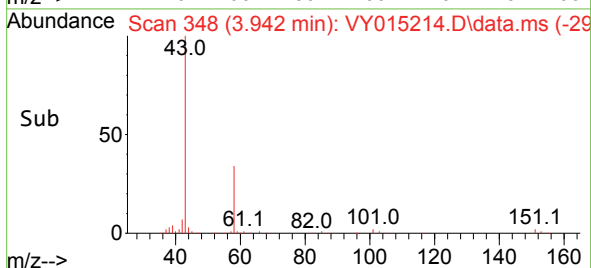
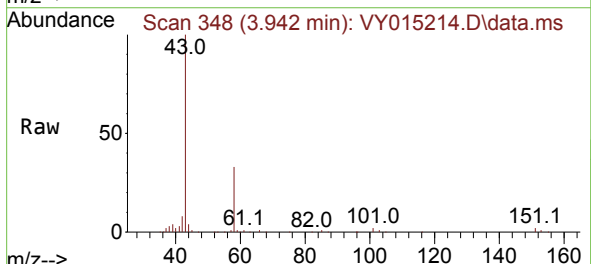


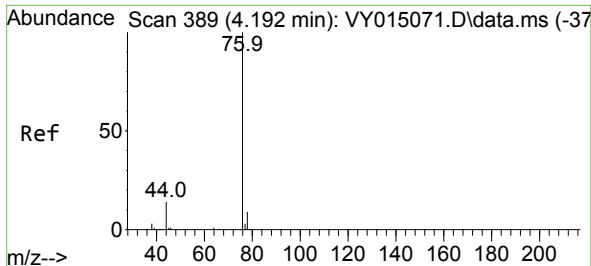
Tgt Ion: 53	Resp: 73415
Ion Ratio	Lower Upper
53	100
52	81.1 66.9 100.3
51	36.0 29.8 44.6



#16
Acetone
Concen: 118.963 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion: 43	Resp: 87575
Ion Ratio	Lower Upper
43	100
58	33.2 22.7 34.1

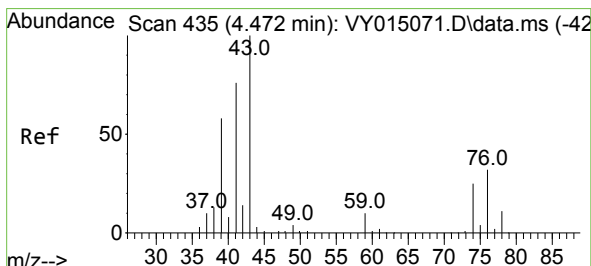
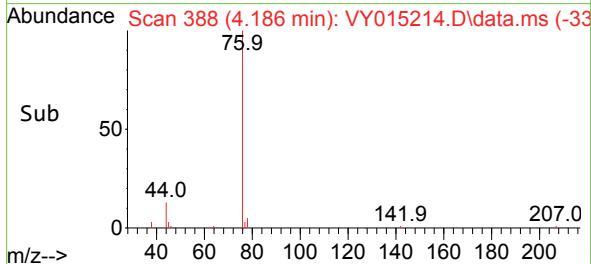
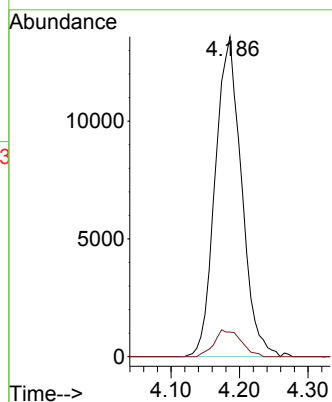
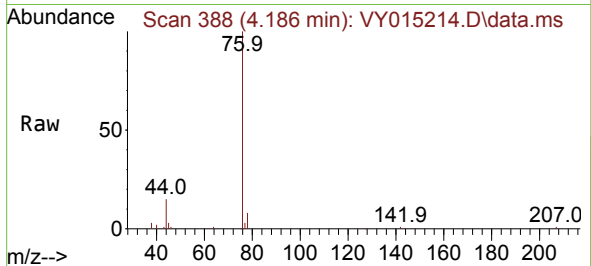




#17
Carbon Disulfide
Concen: 15.716 ug/l
RT: 4.186 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

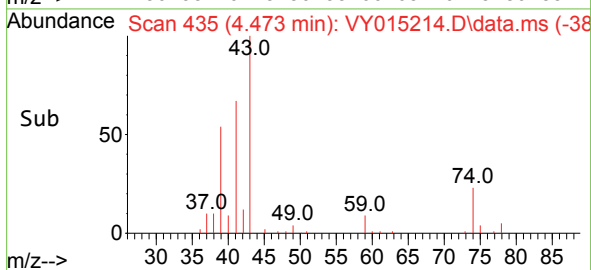
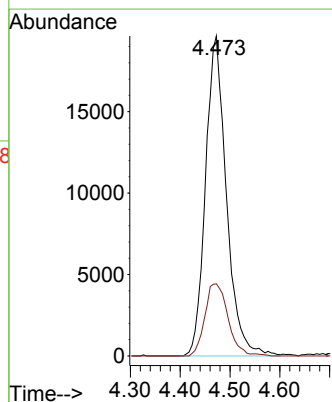
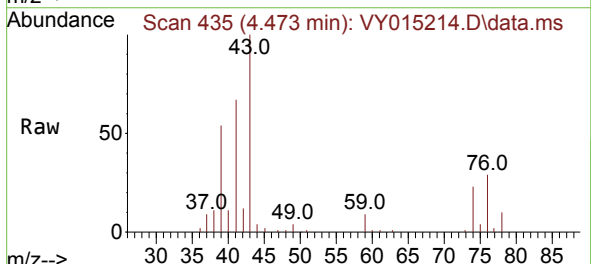
Instrument :
MSVOA_Y
ClientSampleId :

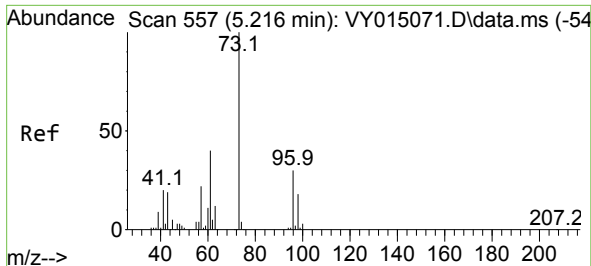
Tgt Ion: 76 Resp: 36129
Ion Ratio Lower Upper
76 100
78 7.7 7.0 10.4



#18
Methyl Acetate
Concen: 21.197 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion: 43 Resp: 57183
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0

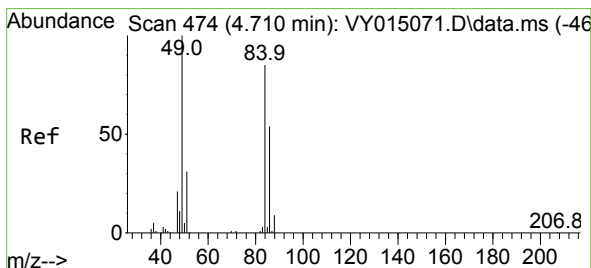
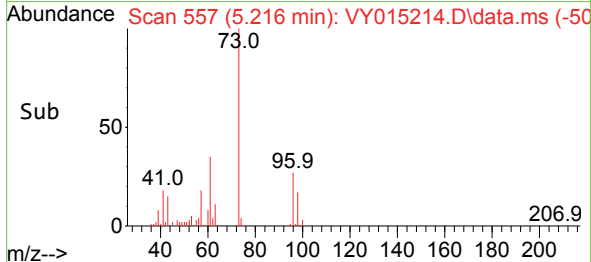
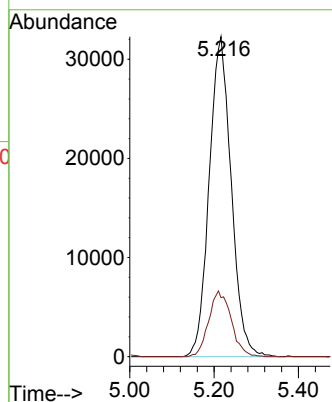
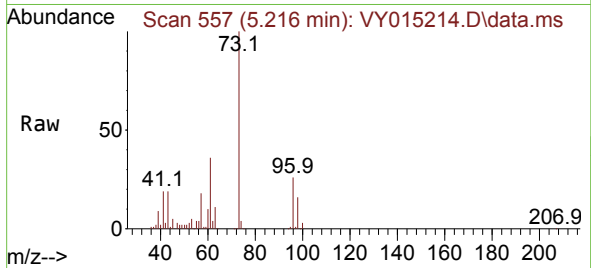




#19
Methyl tert-butyl Ether
Concen: 21.072 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

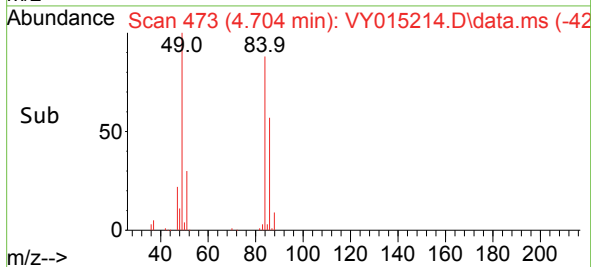
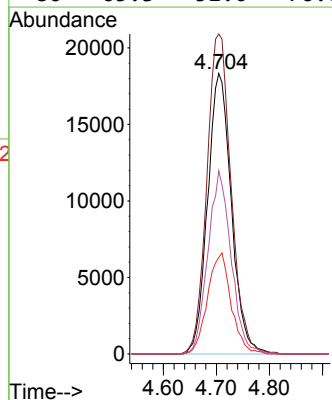
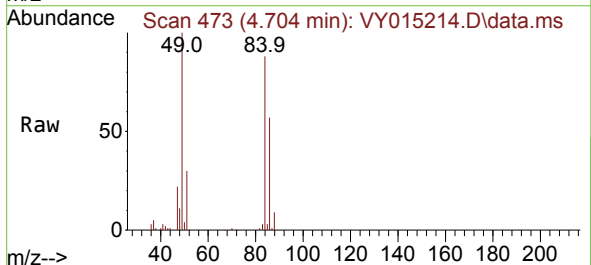
Instrument :
MSVOA_Y
ClientSampleId :

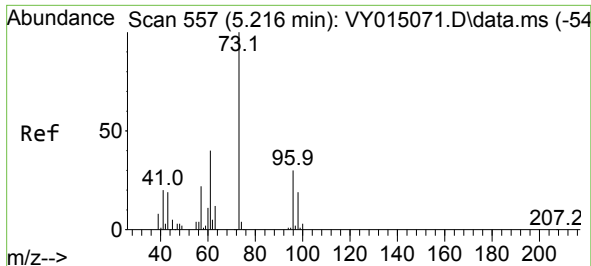
Tgt Ion: 73 Resp: 117036
Ion Ratio Lower Upper
73 100
57 18.4 17.3 25.9



#20
Methylene Chloride
Concen: 30.598 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

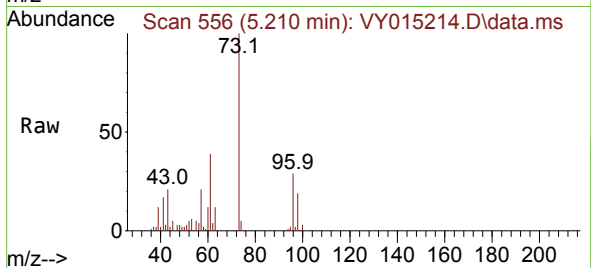
Tgt Ion: 84 Resp: 56966
Ion Ratio Lower Upper
84 100
49 114.1 106.9 160.3
51 34.4 33.2 49.8
86 65.3 51.0 76.6



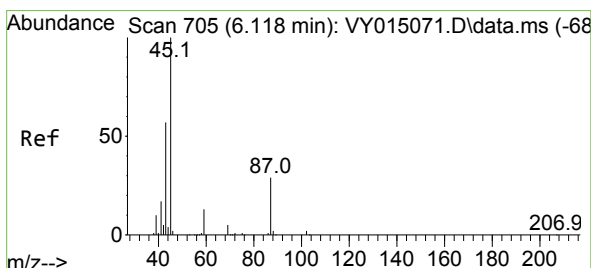
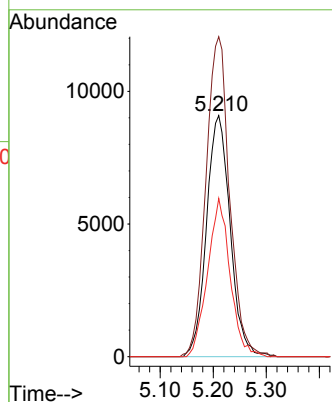
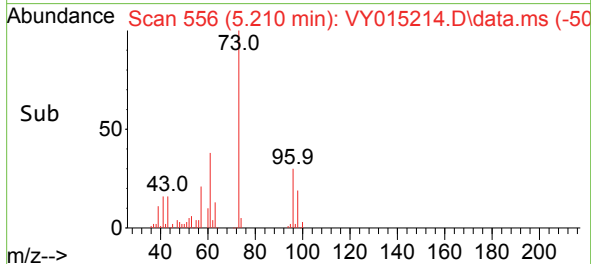


#21
trans-1,2-Dichloroethene
Concen: 19.150 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

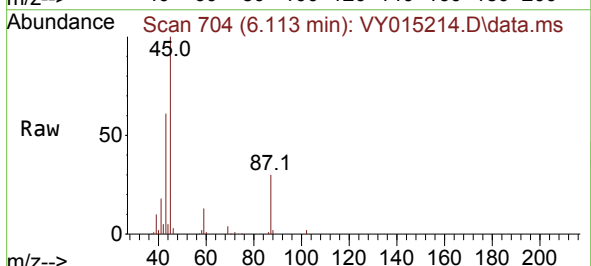
Instrument :
MSVOA_Y
ClientSampleId :



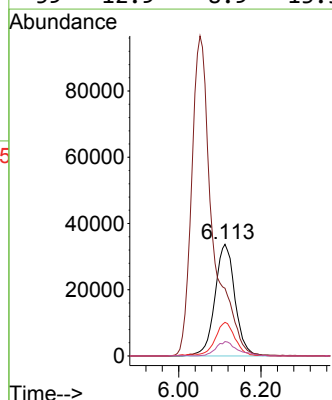
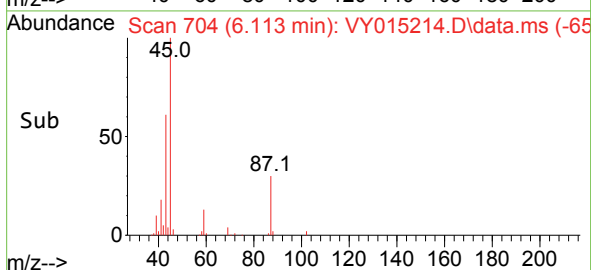
Tgt Ion: 96 Resp: 28216
Ion Ratio Lower Upper
96 100
61 132.7 110.2 165.4
98 65.6 51.8 77.6

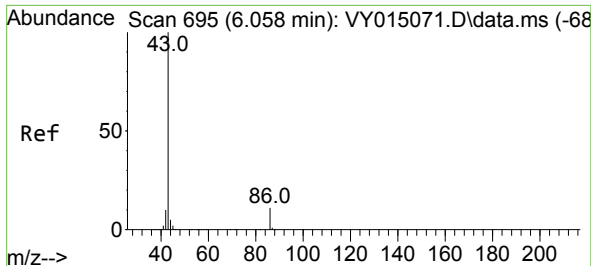


#22
Diisopropyl ether
Concen: 19.749 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38



Tgt Ion: 45 Resp: 114123
Ion Ratio Lower Upper
45 100
43 60.2 52.2 78.4
87 30.1 21.0 31.6
59 12.9 8.9 13.3

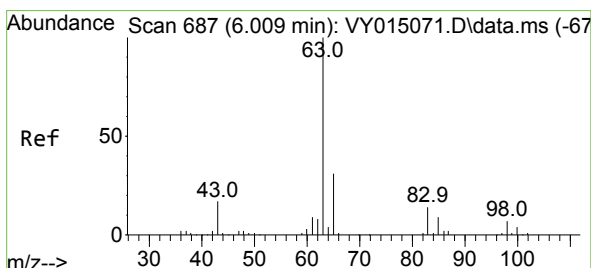
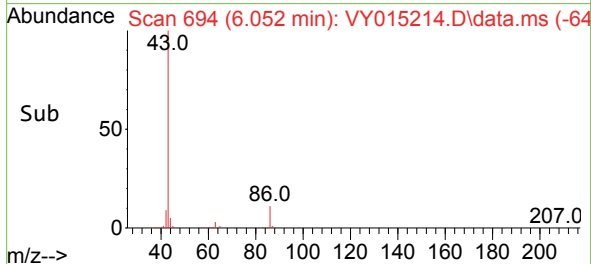
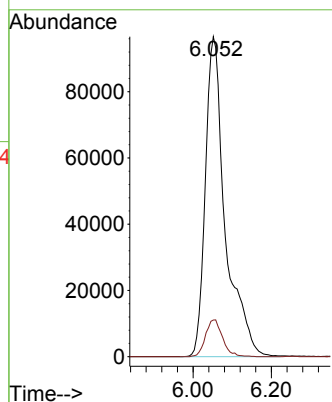
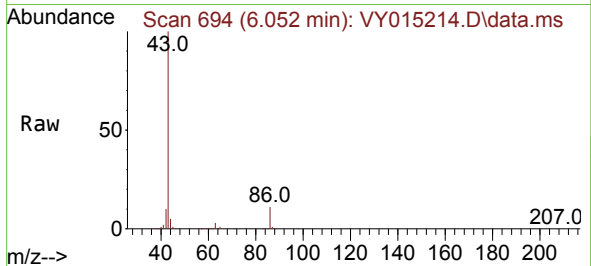




#23
 Vinyl Acetate
 Concen: 98.755 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015214.D
 Acq: 21 Aug 2023 12:38

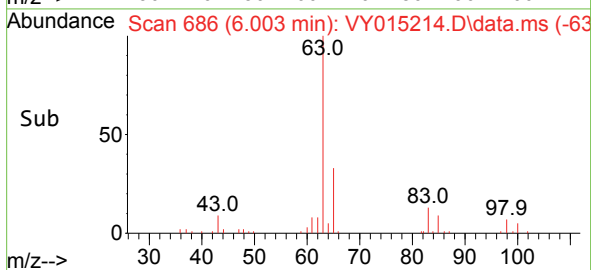
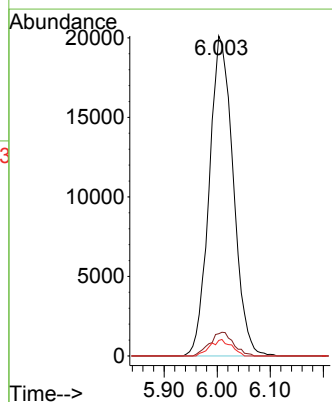
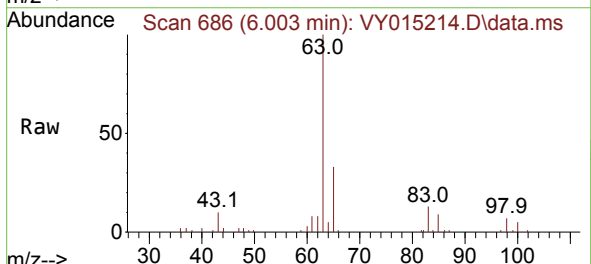
Instrument :
 MSVOA_Y
 ClientSampleId :

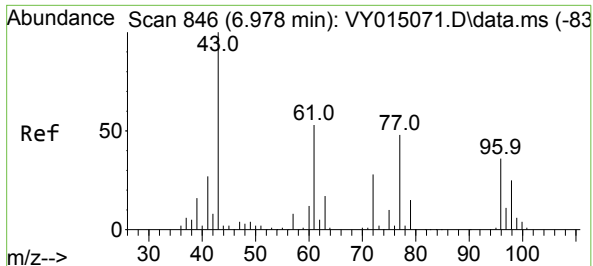
Tgt Ion: 43 Resp: 340522
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.183 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY015214.D
 Acq: 21 Aug 2023 12:38

Tgt Ion: 63 Resp: 63145
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 115.603 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

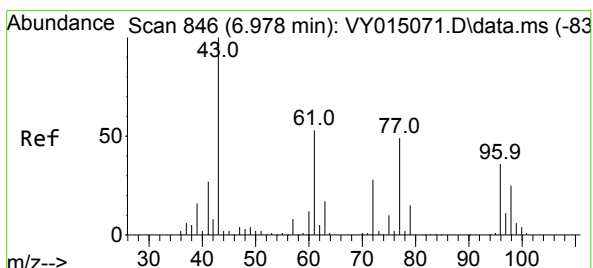
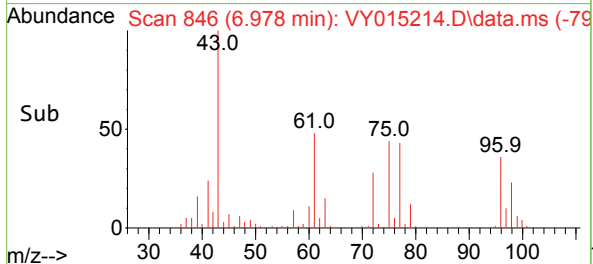
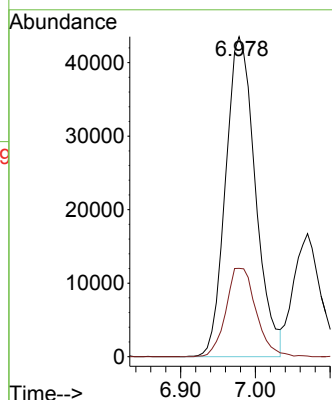
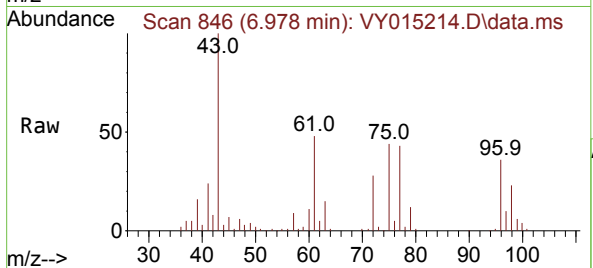
ClientSampleId :

Tgt Ion: 43 Resp: 120494

Ion Ratio Lower Upper

43 100

72 27.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.653 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY015214.D

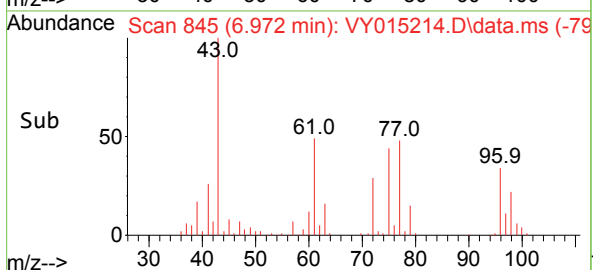
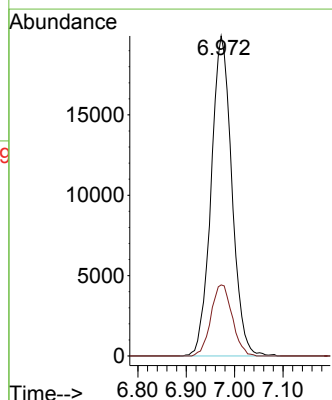
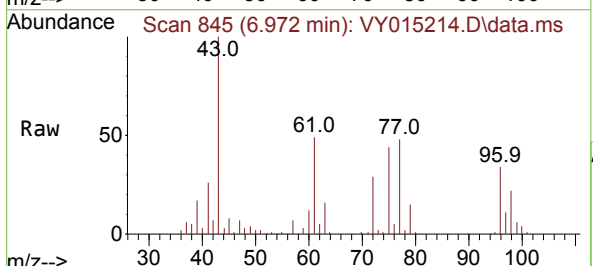
Acq: 21 Aug 2023 12:38

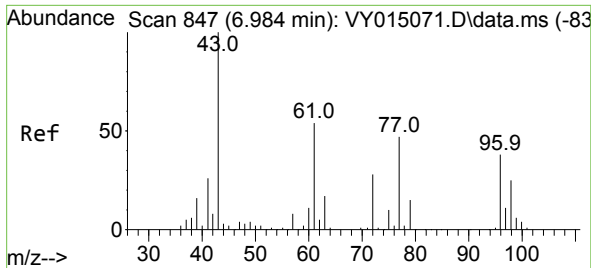
Tgt Ion: 77 Resp: 59274

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9

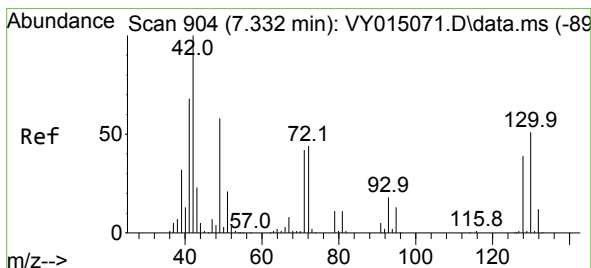
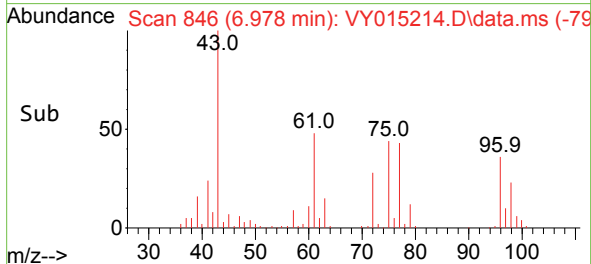
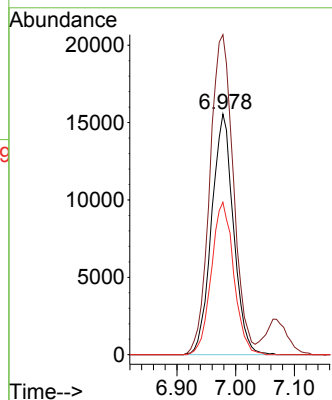
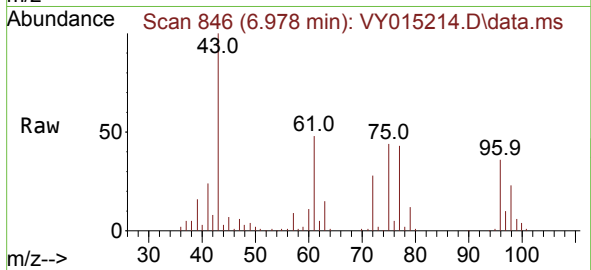




#27
 cis-1,2-Dichloroethene
 Concen: 20.032 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY015214.D
 Acq: 21 Aug 2023 12:38

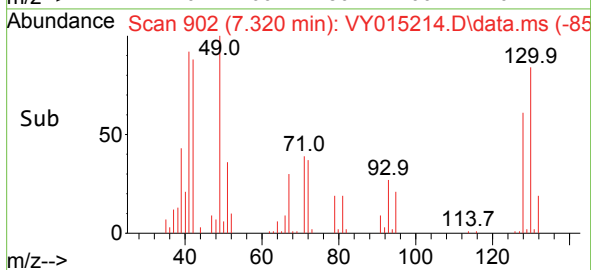
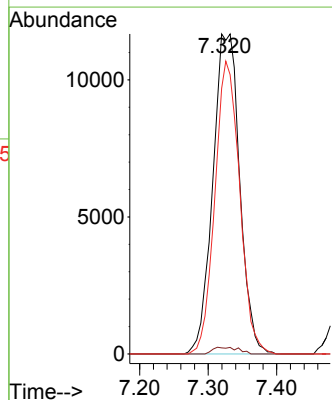
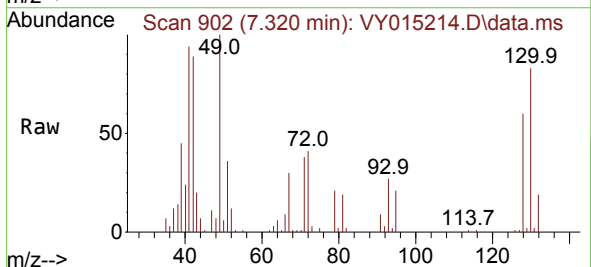
Instrument :
 MSVOA_Y
 ClientSampleId :

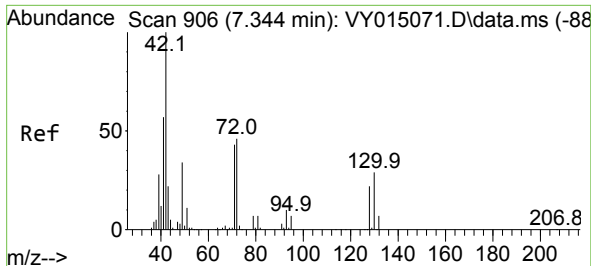
Tgt Ion: 96 Resp: 40319
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 301.4
 98 64.7 0.0 130.4



#28
 Bromochloromethane
 Concen: 22.115 ug/l
 RT: 7.320 min Scan# 902
 Delta R.T. -0.012 min
 Lab File: VY015214.D
 Acq: 21 Aug 2023 12:38

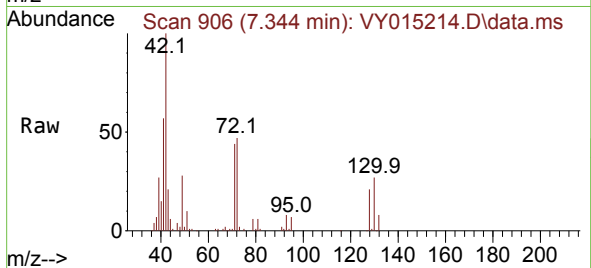
Tgt Ion: 49 Resp: 31787
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 84.4 60.7 91.1



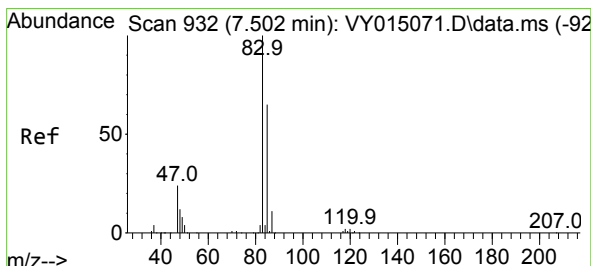
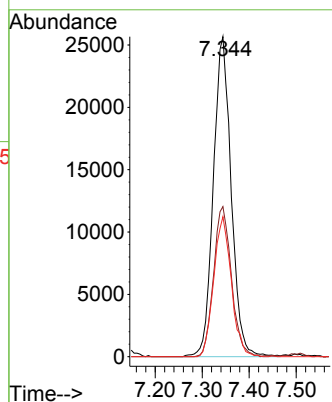
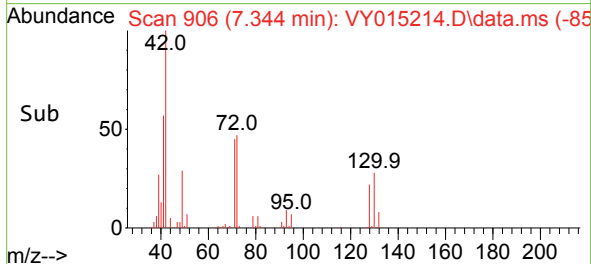


#29
Tetrahydrofuran
Concen: 108.641 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Instrument :
MSVOA_Y
ClientSampleId :

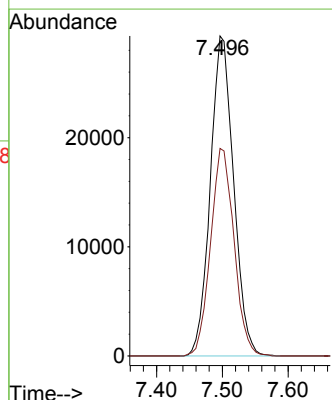
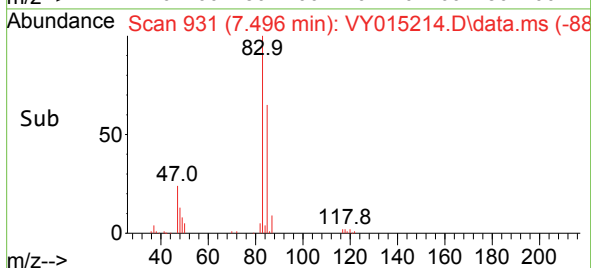
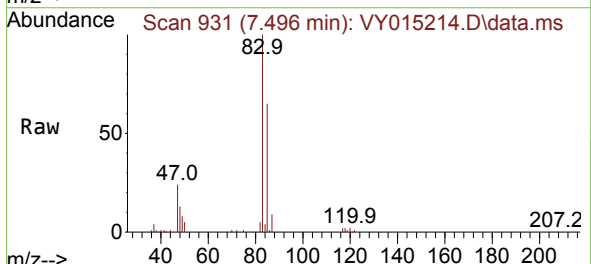


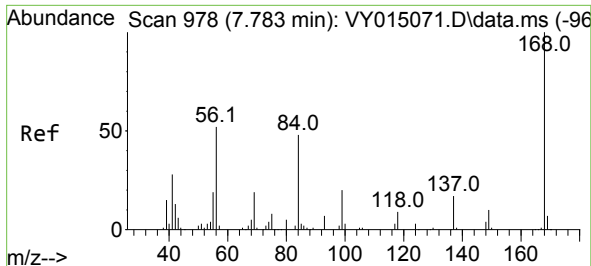
Tgt Ion: 42 Resp: 67710
Ion Ratio Lower Upper
42 100
72 46.9 32.8 49.2
71 43.0 31.0 46.4



#30
Chloroform
Concen: 20.605 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

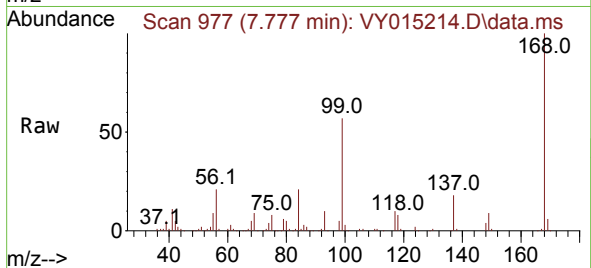
Tgt Ion: 83 Resp: 72266
Ion Ratio Lower Upper
83 100
85 64.9 49.7 74.5



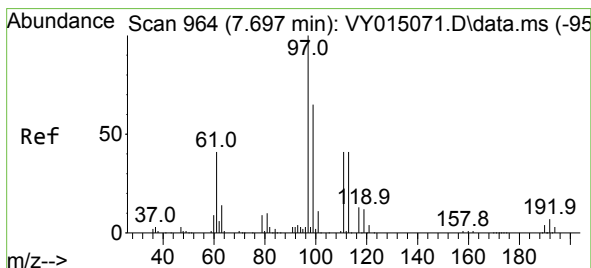
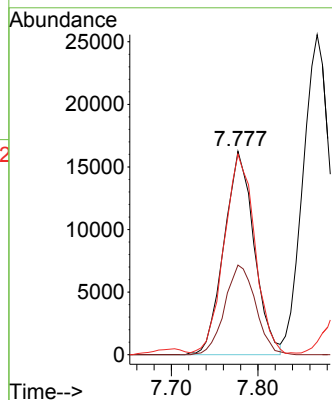
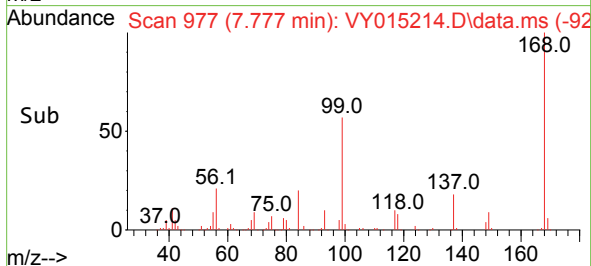


#31
Cyclohexane
Concen: 17.896 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

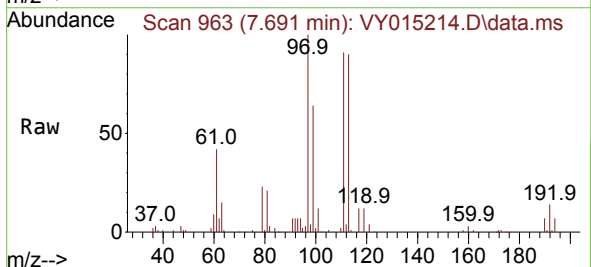
Instrument :
MSVOA_Y
ClientSampleId :



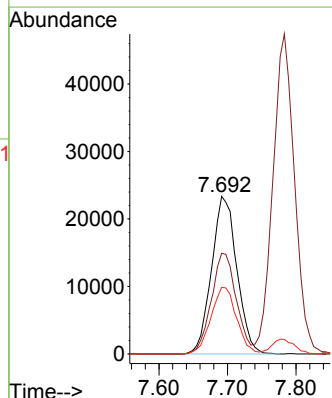
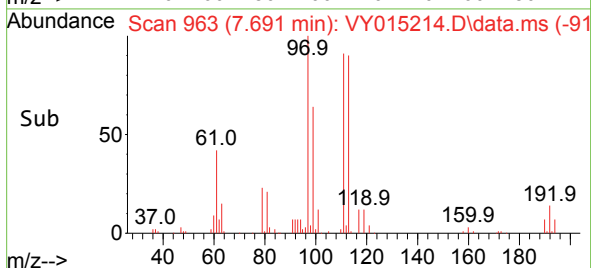
Tgt Ion: 56 Resp: 39321
Ion Ratio Lower Upper
56 100
69 44.1 27.8 41.6#
84 96.2 66.4 99.6

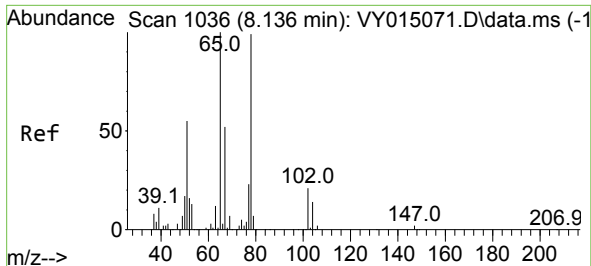


#32
1,1,1-Trichloroethane
Concen: 20.015 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38



Tgt Ion: 97 Resp: 59735
Ion Ratio Lower Upper
97 100
99 63.0 50.8 76.2
61 42.9 35.1 52.7

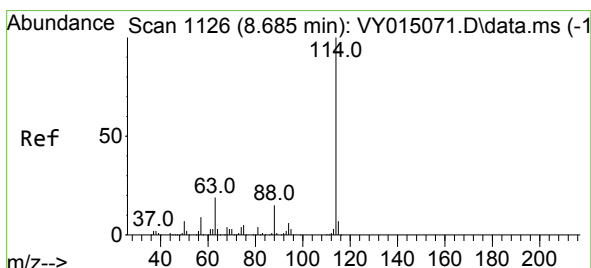
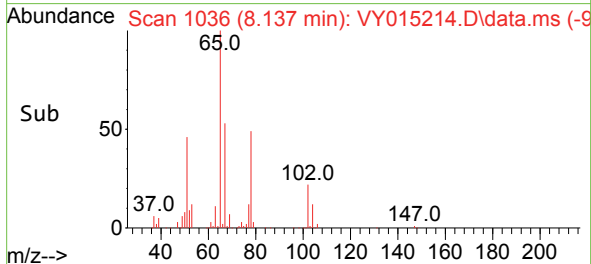
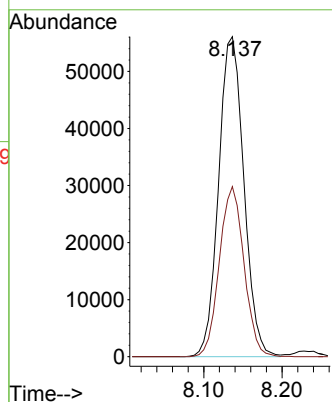
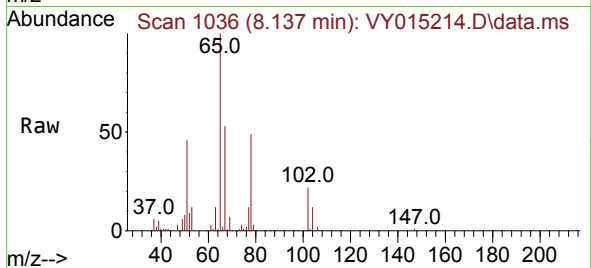




#33
1,2-Dichloroethane-d4
Concen: 55.806 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

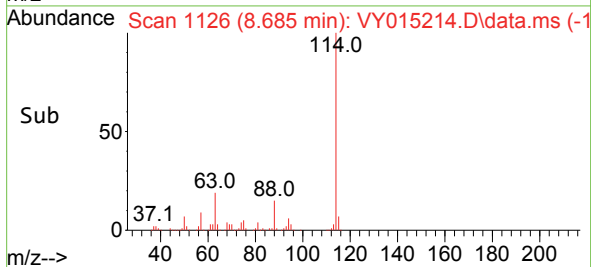
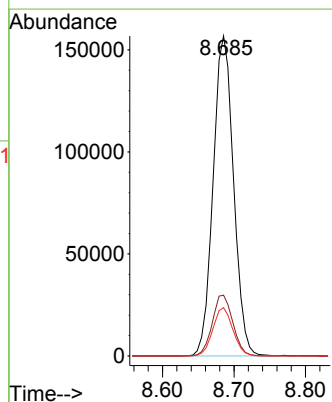
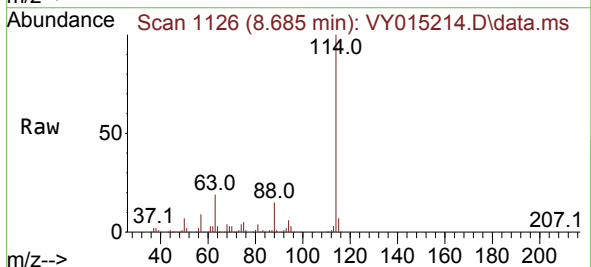
Instrument :
MSVOA_Y
ClientSampleId :

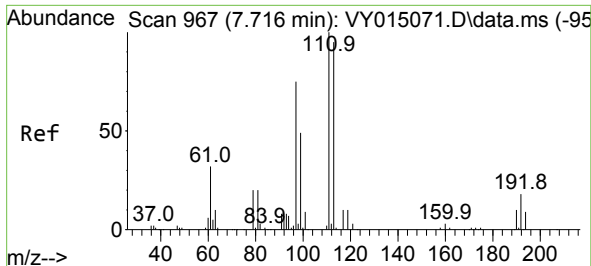
Tgt Ion: 65 Resp: 125754
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion:114 Resp: 310670
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.4
88 15.1 0.0 30.6

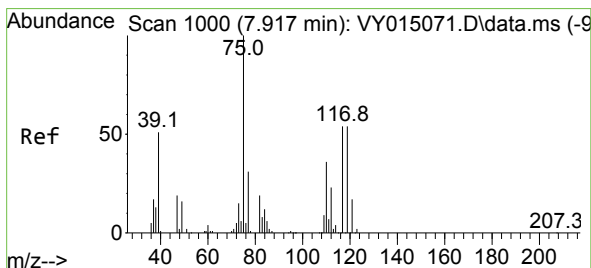
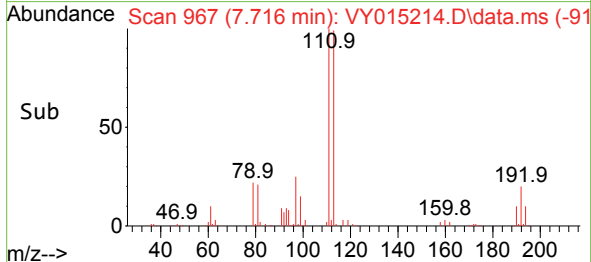
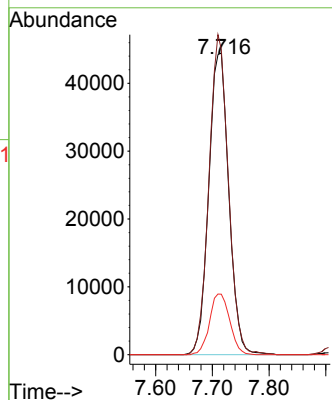
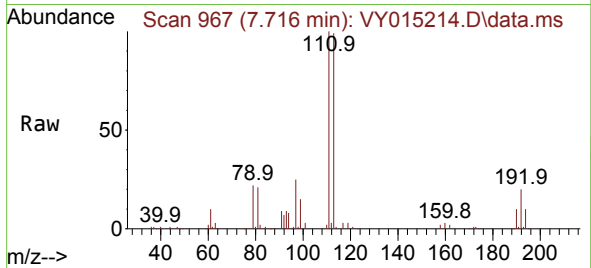




#35
Dibromofluoromethane
Concen: 54.859 ug/l
RT: 7.716 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

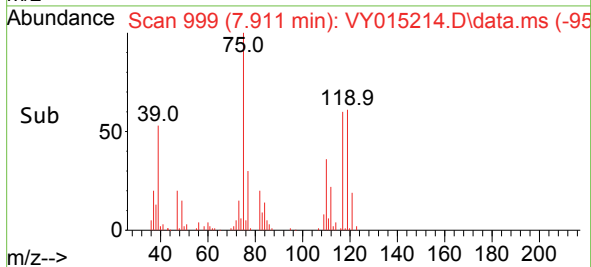
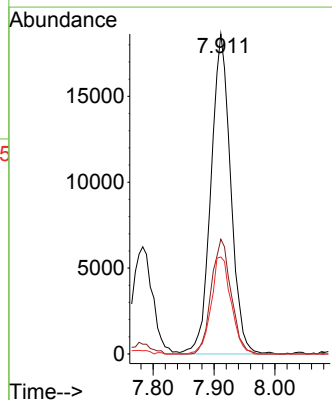
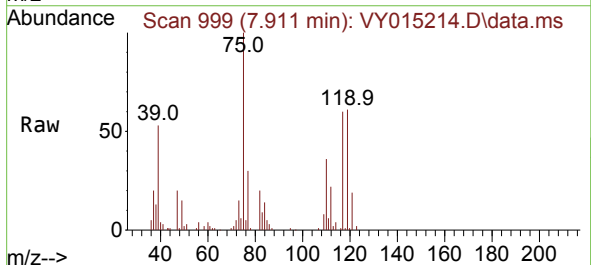
Instrument :
MSVOA_Y
ClientSampleId :

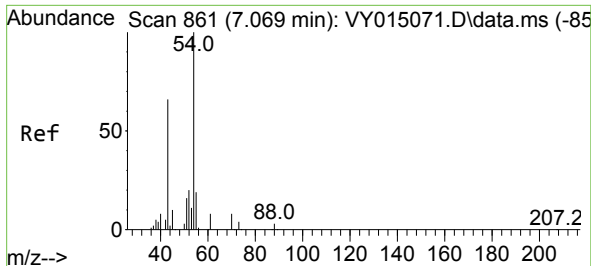
Tgt Ion:113 Resp: 109643
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 20.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.923 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion: 75 Resp: 41841
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 20.926 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

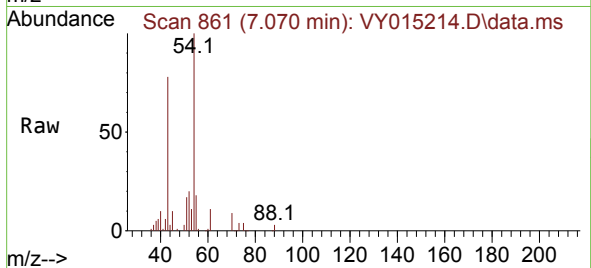
Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :



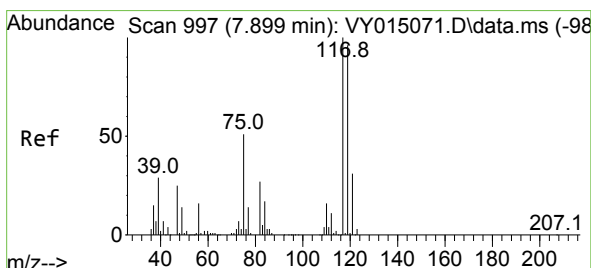
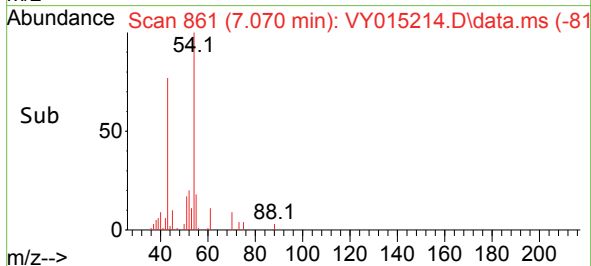
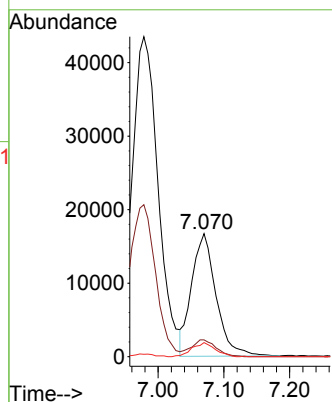
Tgt Ion: 43 Resp: 43129

Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 10.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 18.899 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

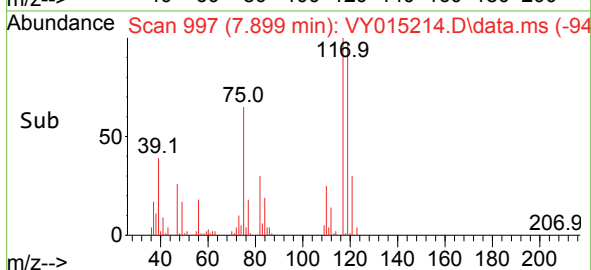
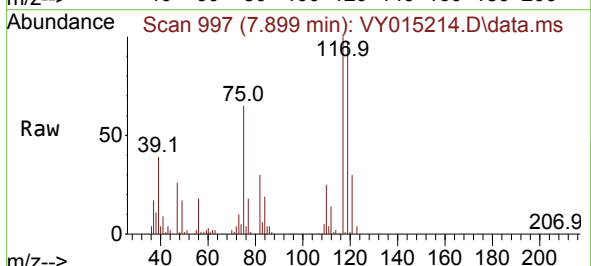
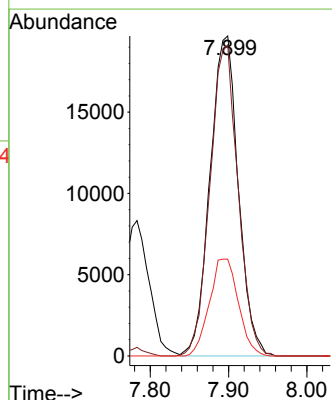
Tgt Ion: 117 Resp: 49456

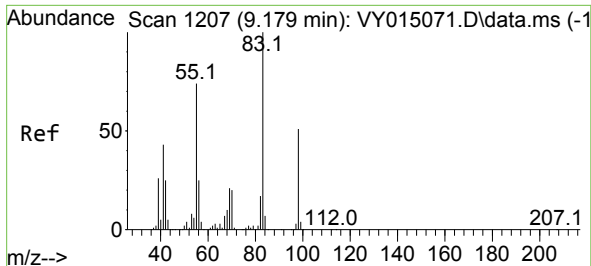
Ion Ratio Lower Upper

117 100

119 97.2 76.4 114.6

121 30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 17.465 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

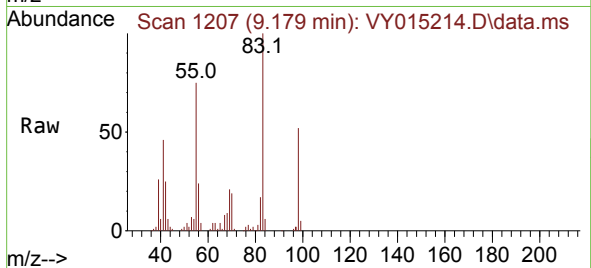
Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :



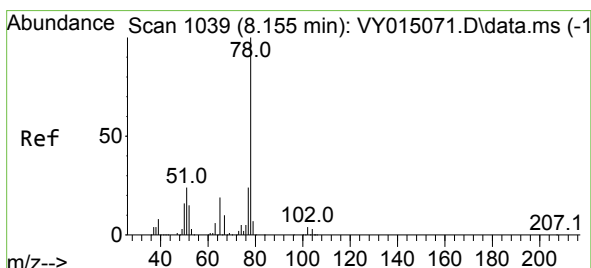
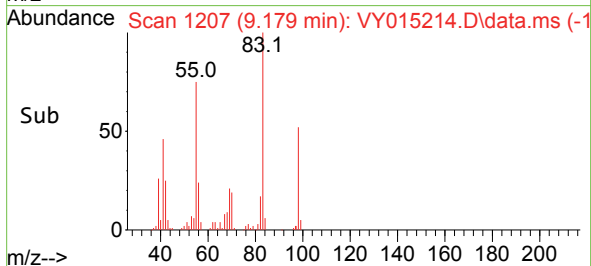
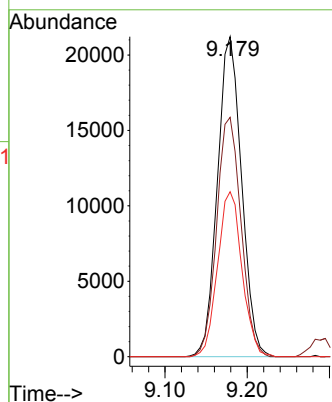
Tgt Ion: 83 Resp: 43291

Ion Ratio Lower Upper

83 100

55 74.8 63.0 94.4

98 51.6 37.4 56.2



#40

Benzene

Concen: 19.498 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015214.D

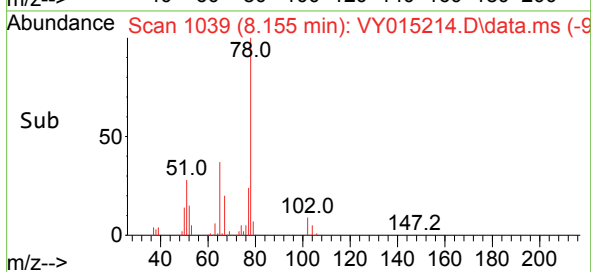
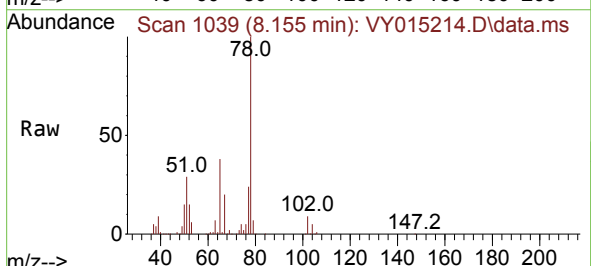
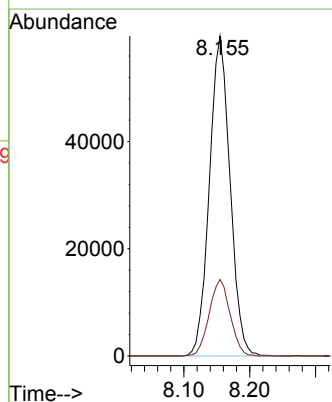
Acq: 21 Aug 2023 12:38

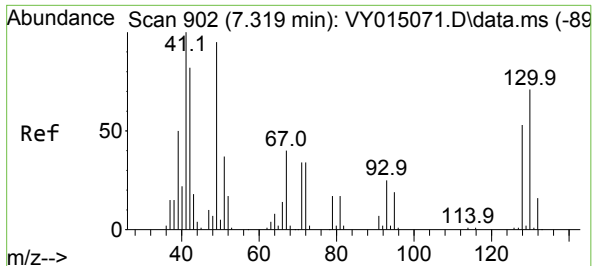
Tgt Ion: 78 Resp: 130346

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

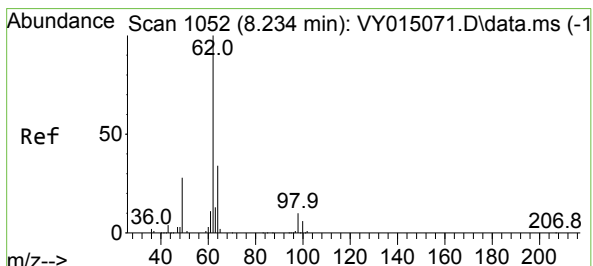
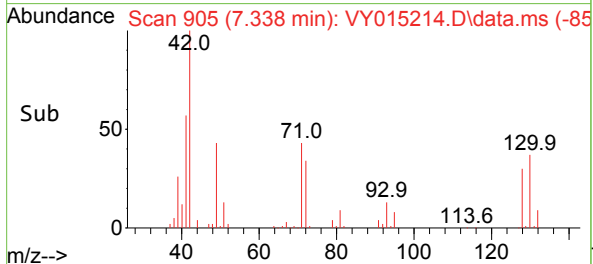
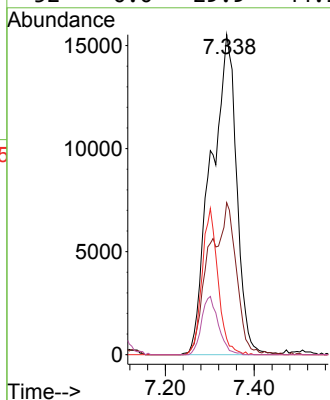
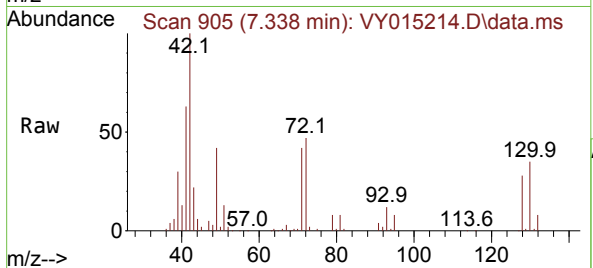




#41
Methacrylonitrile
Concen: 58.574 ug/l
RT: 7.338 min Scan# 902
Delta R.T. 0.031 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

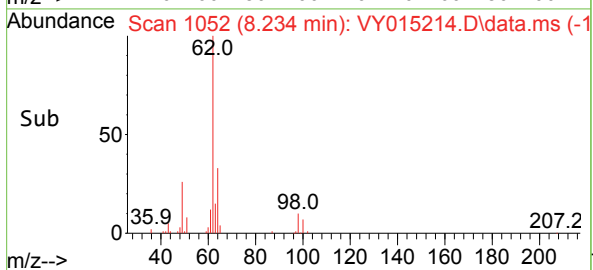
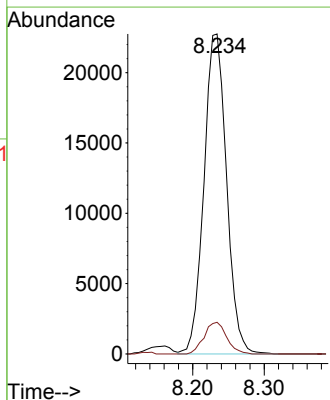
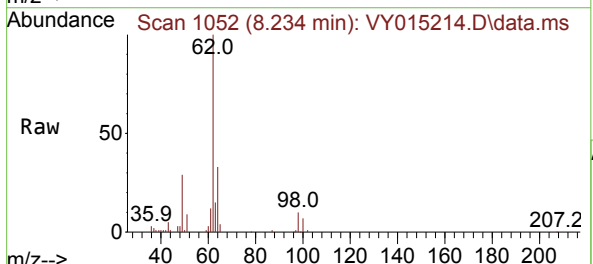
Instrument :
MSVOA_Y
ClientSampleId :

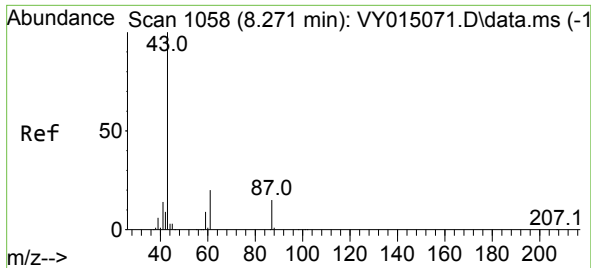
Tgt Ion: 41	Resp: 62251
Ion Ratio	Lower Upper
41 100	
39 27.0	52.1 78.1#
67 0.0	66.2 99.2#
52 0.0	29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.589 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

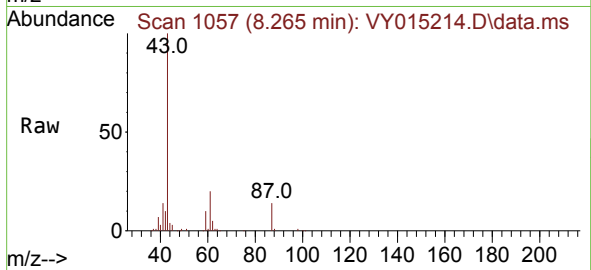
Tgt Ion: 62	Resp: 49986
Ion Ratio	Lower Upper
62 100	
98 9.9	0.0 15.8





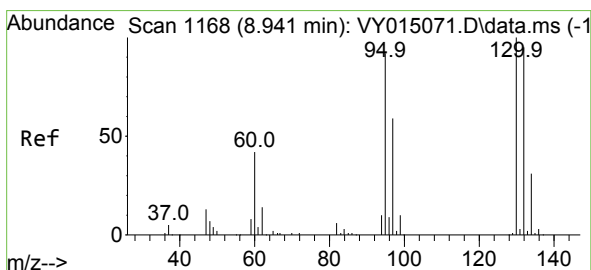
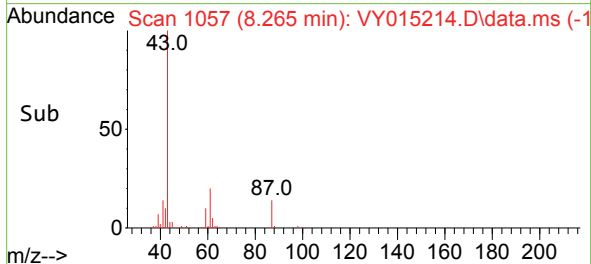
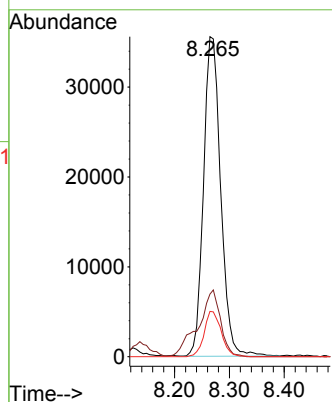
#43
Isopropyl Acetate
Concen: 20.592 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 43 Resp: 77288

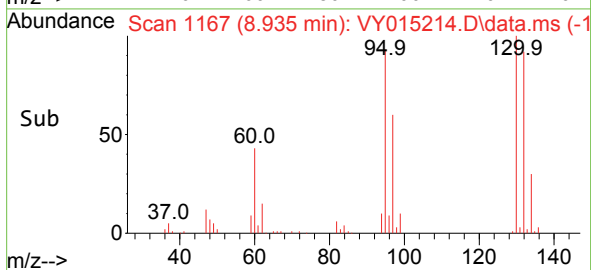
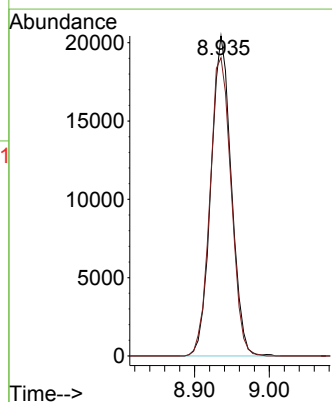
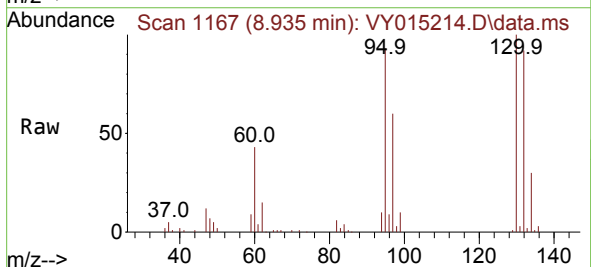
Ion	Ratio	Lower	Upper
43	100		
61	27.4	21.1	31.7
87	14.1	9.8	14.8

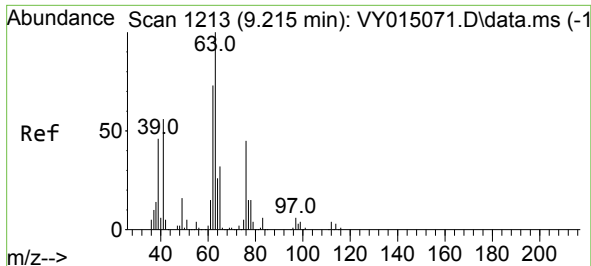


#44
Trichloroethene
Concen: 20.083 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion: 130 Resp: 38679

Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	196.0





#45

1,2-Dichloropropane

Concen: 20.234 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

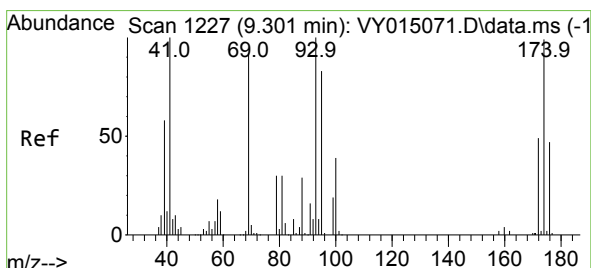
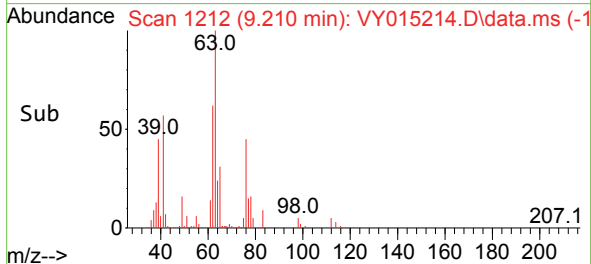
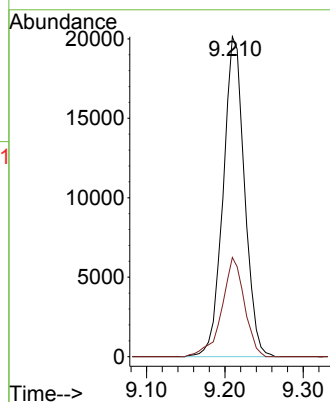
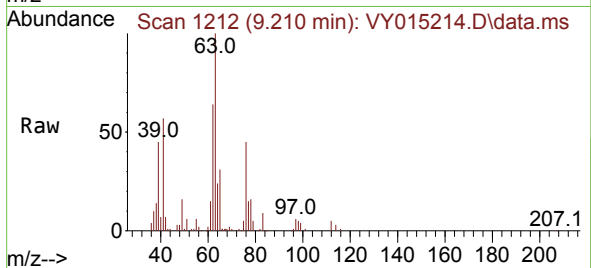
ClientSampleId :

Tgt Ion: 63 Resp: 38143

Ion Ratio Lower Upper

63 100

65 31.0 23.8 35.6



#46

Dibromomethane

Concen: 20.928 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

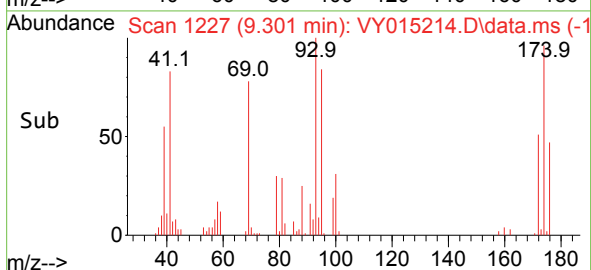
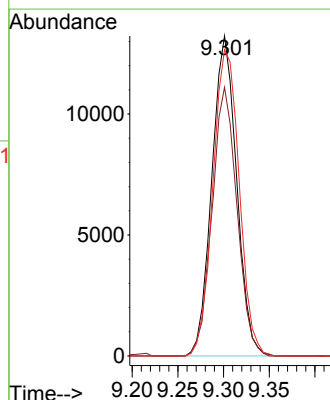
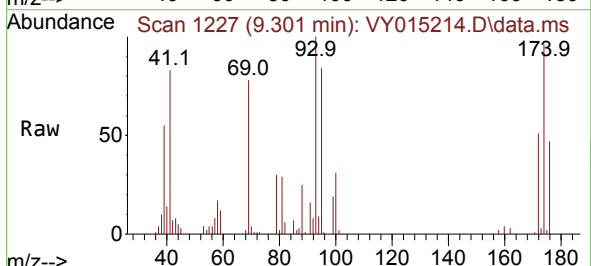
Tgt Ion: 93 Resp: 24882

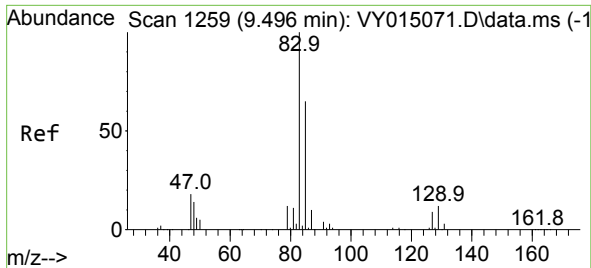
Ion Ratio Lower Upper

93 100

95 84.6 66.6 100.0

174 101.8 84.8 127.2

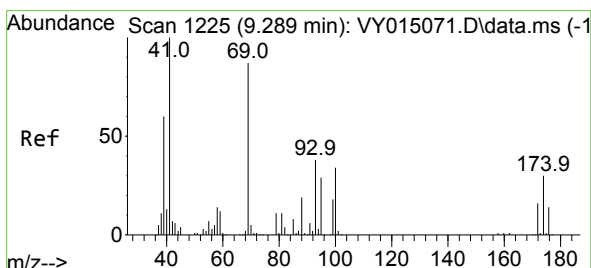
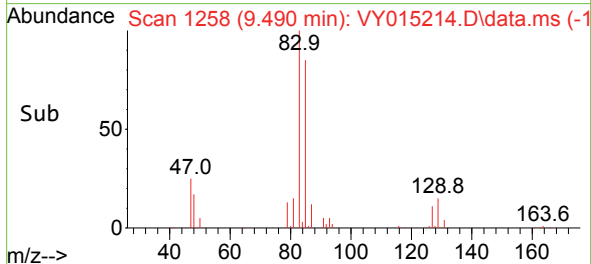
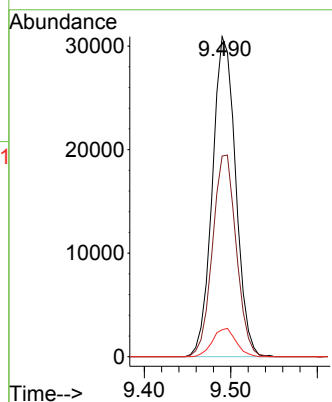
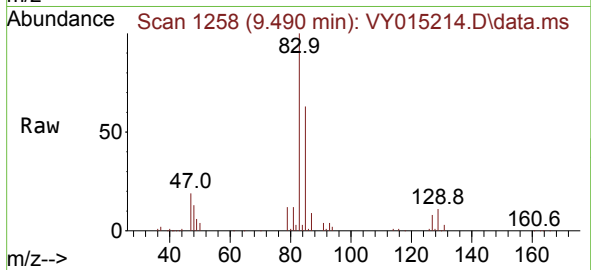




#47
Bromodichloromethane
Concen: 20.352 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

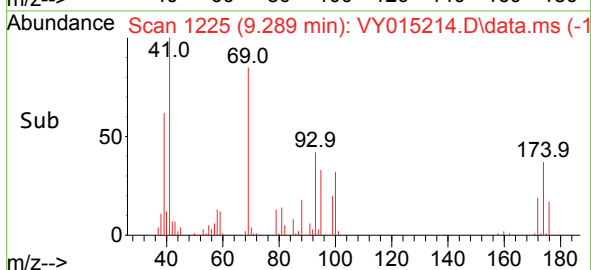
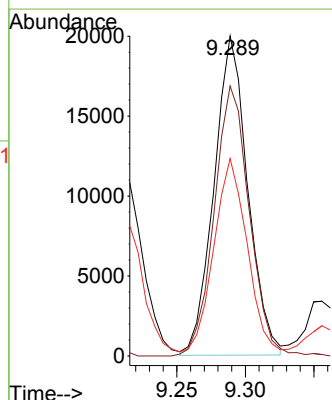
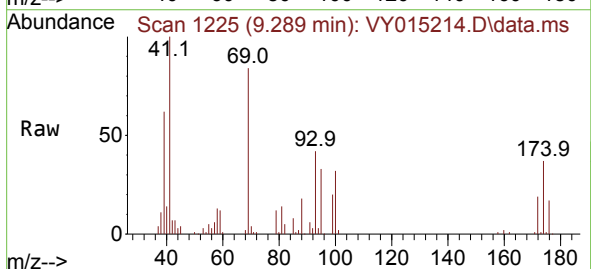
Instrument :
MSVOA_Y
ClientSampleId :

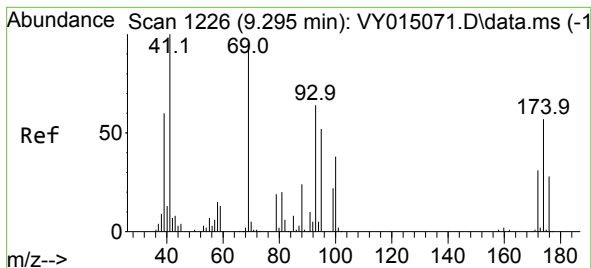
Tgt Ion: 83 Resp: 57742
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 21.319 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion: 41 Resp: 34230
Ion Ratio Lower Upper
41 100
69 88.1 64.5 96.7
39 61.4 50.8 76.2





#49

1,4-Dioxane

Concen: 435.675 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

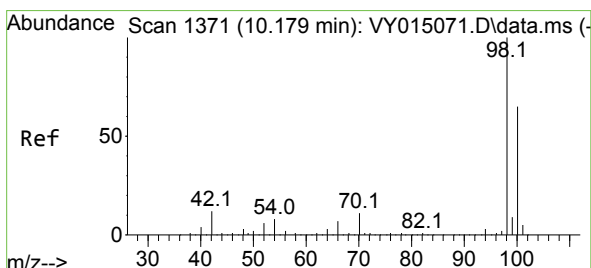
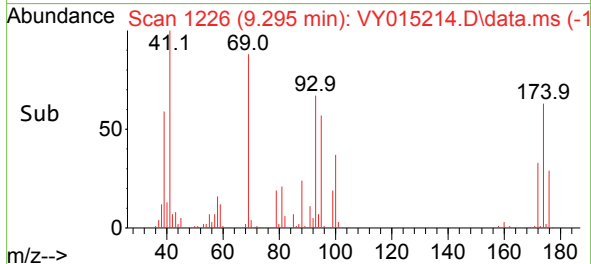
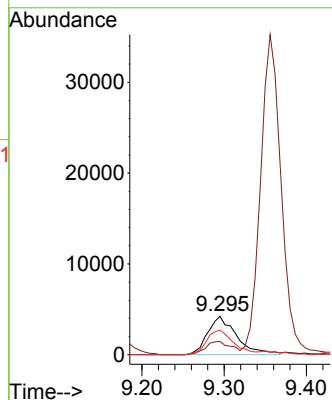
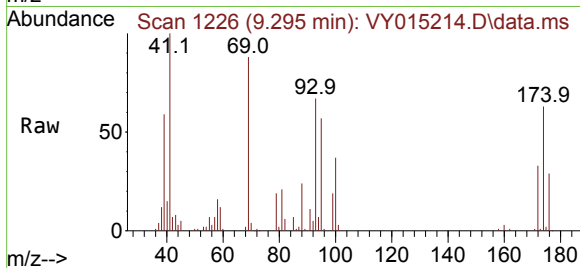
Tgt Ion: 88 Resp: 10358

Ion Ratio Lower Upper

88 100

43 30.8 0.0 0.0#

58 59.3 30.9 46.3#



#50

Toluene-d8

Concen: 53.980 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY015214.D

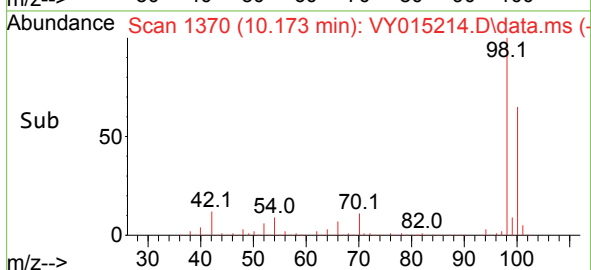
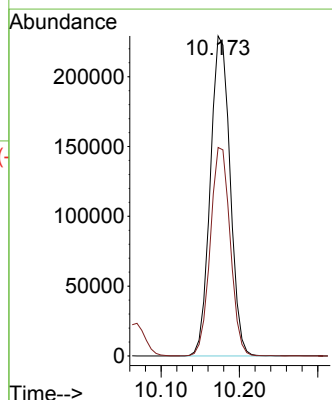
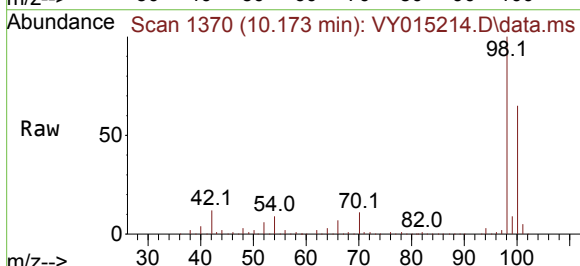
Acq: 21 Aug 2023 12:38

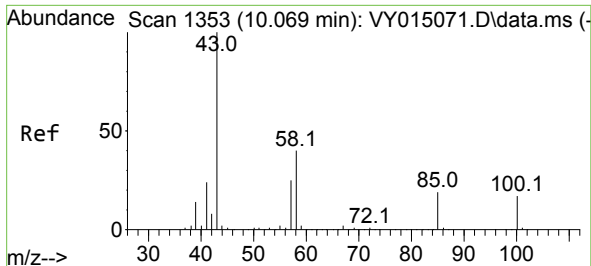
Tgt Ion: 98 Resp: 401616

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 108.755 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. -0.006 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

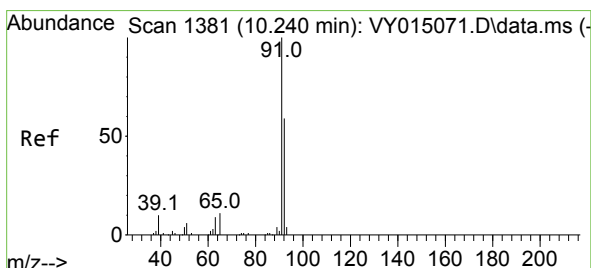
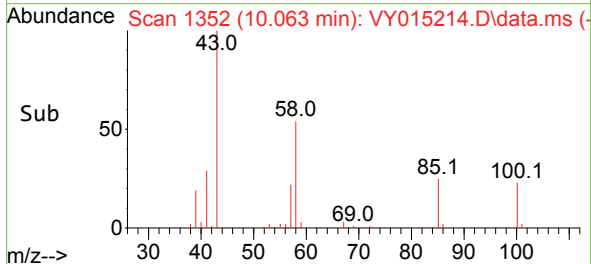
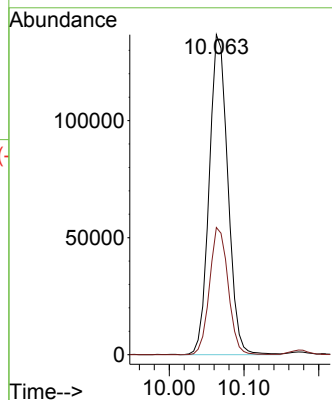
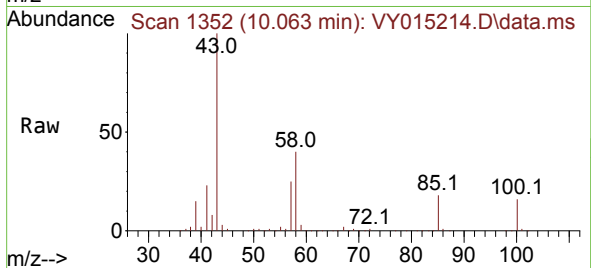
ClientSampleId :

Tgt Ion: 43 Resp: 236570

Ion Ratio Lower Upper

43 100

58 39.7 29.0 43.6



#52

Toluene

Concen: 19.866 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY015214.D

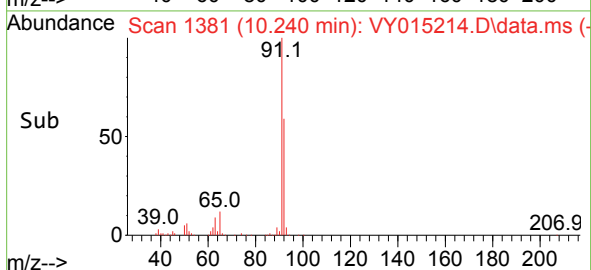
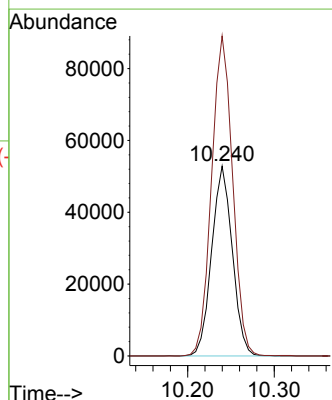
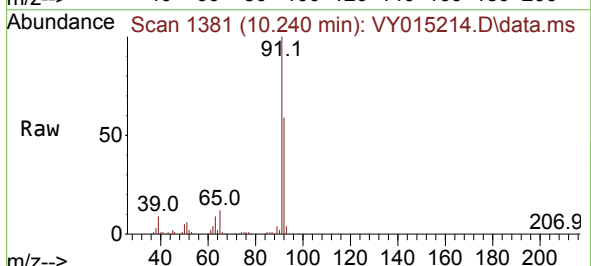
Acq: 21 Aug 2023 12:38

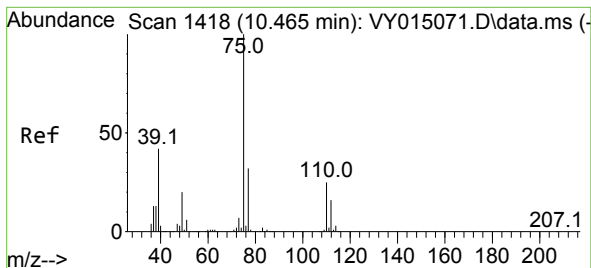
Tgt Ion: 92 Resp: 87533

Ion Ratio Lower Upper

92 100

91 171.9 143.8 215.6

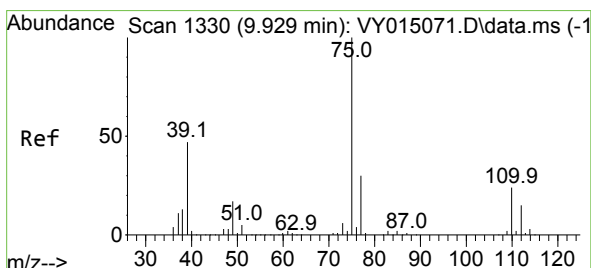
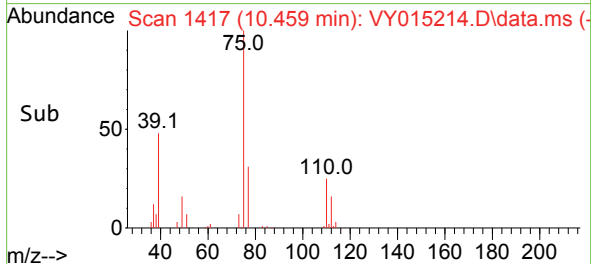
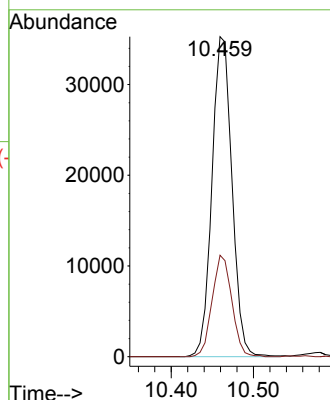
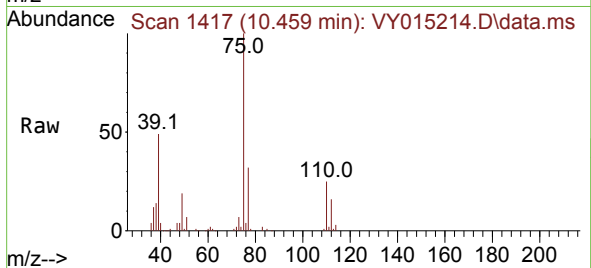




#53
t-1,3-Dichloropropene
Concen: 19.987 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

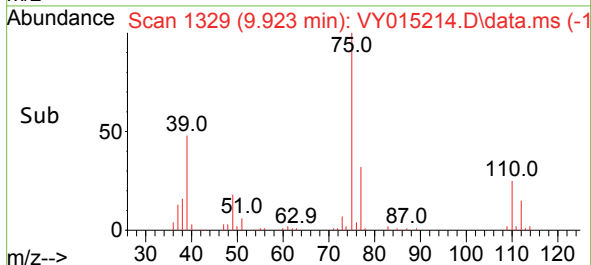
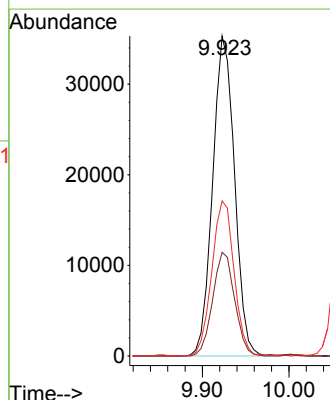
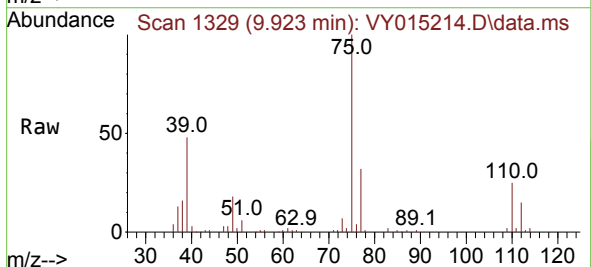
Instrument :
MSVOA_Y
ClientSampleId :

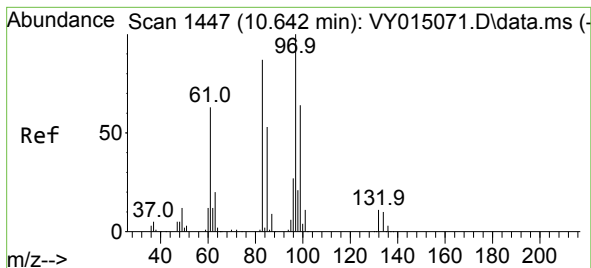
Tgt Ion: 75 Resp: 59595
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.749 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion: 75 Resp: 62014
Ion Ratio Lower Upper
75 100
77 32.4 24.2 36.4
39 48.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.178 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 38285

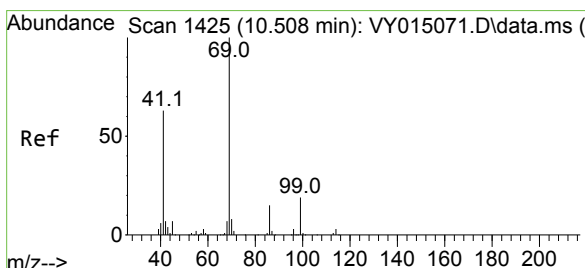
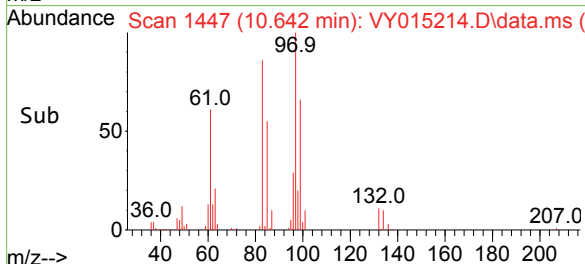
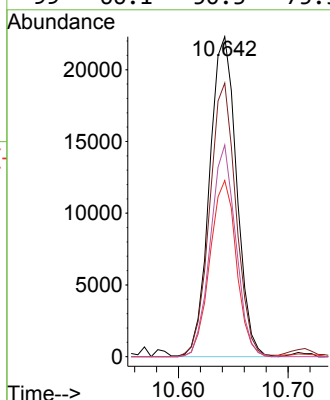
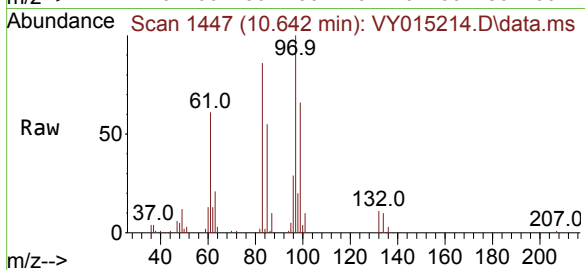
Ion Ratio Lower Upper

97 100

83 85.5 72.0 108.0

85 55.1 45.4 68.0

99 66.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.267 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

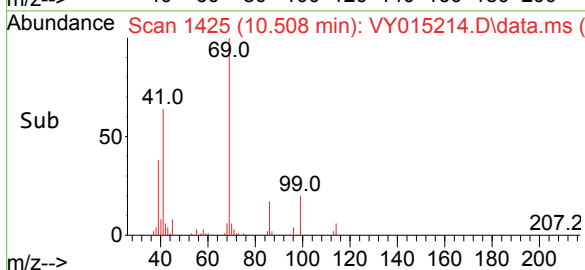
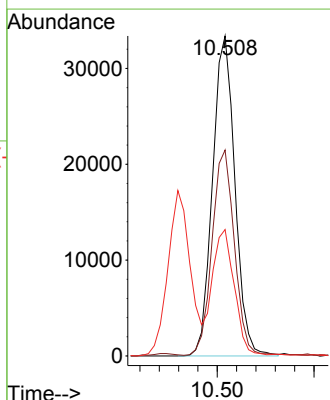
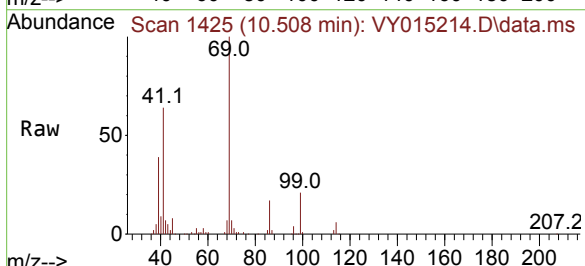
Tgt Ion: 69 Resp: 53621

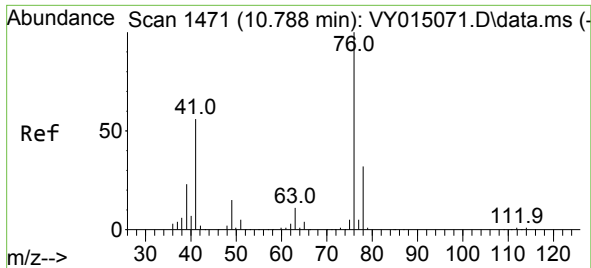
Ion Ratio Lower Upper

69 100

41 64.1 57.6 86.4

39 38.4 34.1 51.1

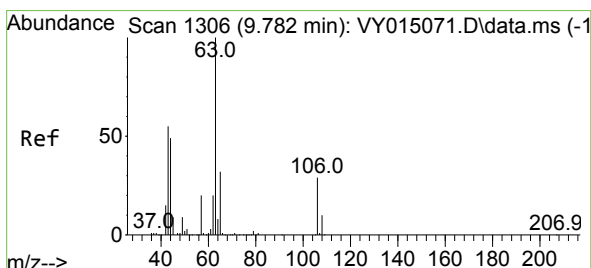
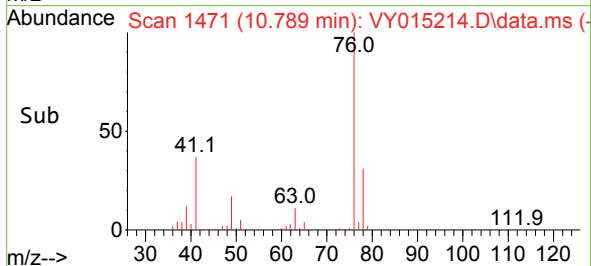
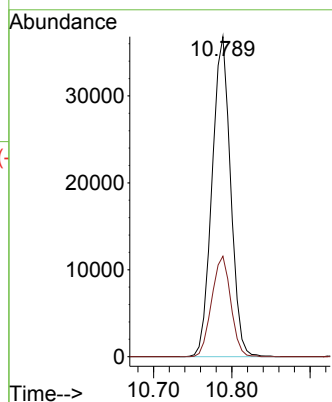
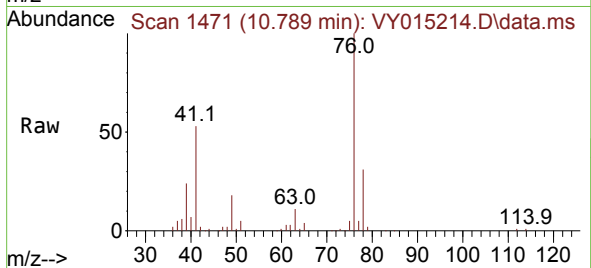




#57
1,3-Dichloropropane
Concen: 20.443 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

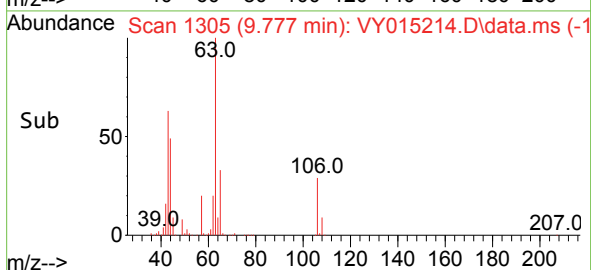
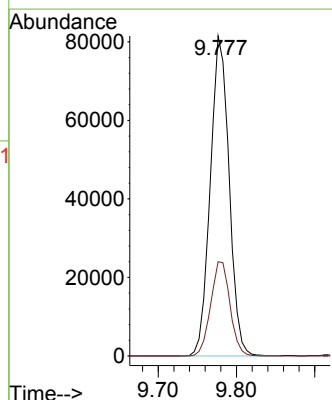
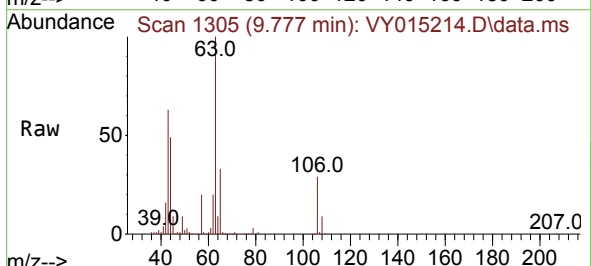
Instrument :
MSVOA_Y
ClientSampleId :

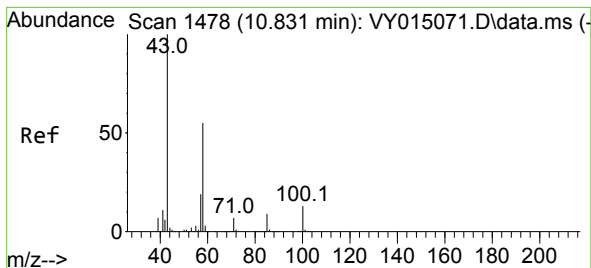
Tgt Ion: 76 Resp: 60380
Ion Ratio Lower Upper
76 100
78 32.3 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 110.350 ug/l
RT: 9.777 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion: 63 Resp: 135867
Ion Ratio Lower Upper
63 100
106 30.2 21.2 31.8

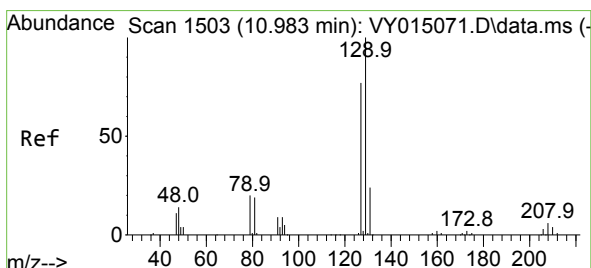
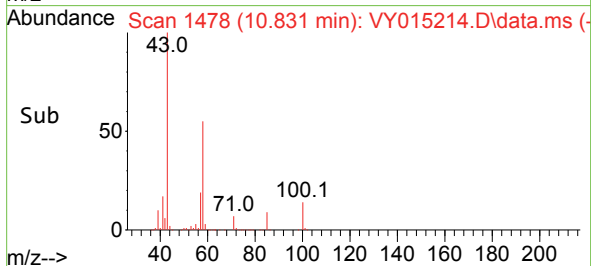
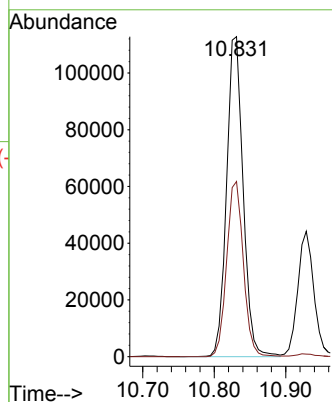
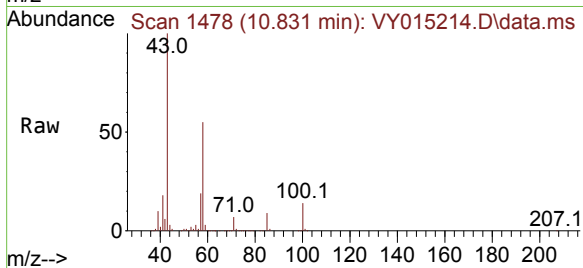




#59
2-Hexanone
Concen: 112.478 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

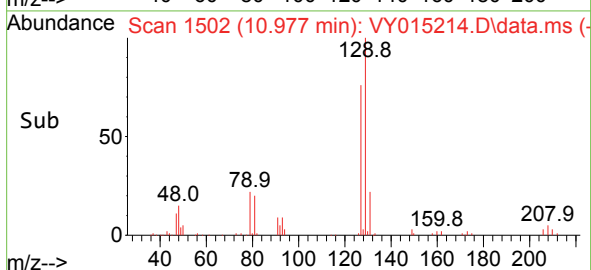
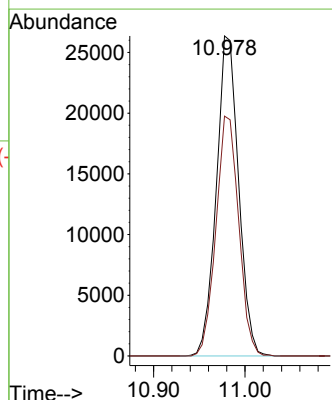
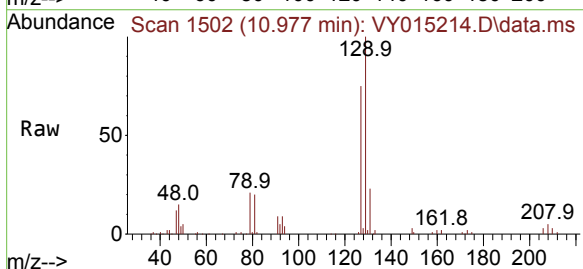
Instrument :
MSVOA_Y
ClientSampleId :

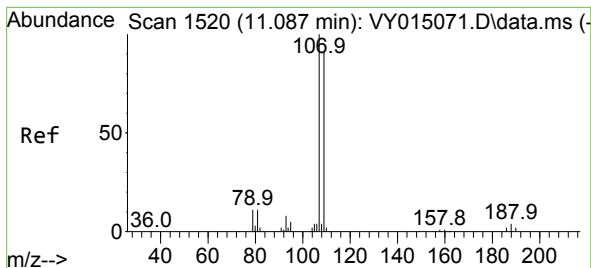
Tgt Ion: 43 Resp: 181080
Ion Ratio Lower Upper
43 100
58 55.2 25.1 75.3



#60
Dibromochloromethane
Concen: 20.714 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion:129 Resp: 44669
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.972 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

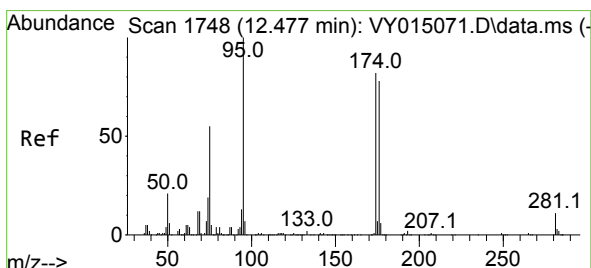
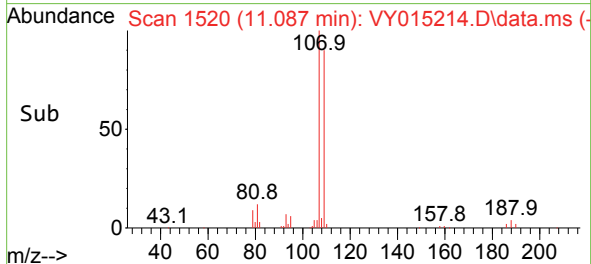
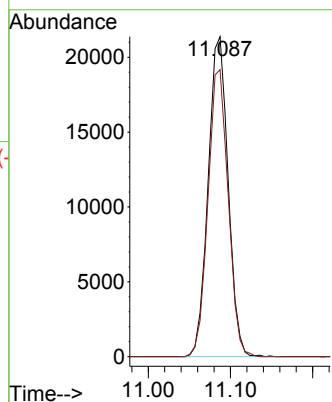
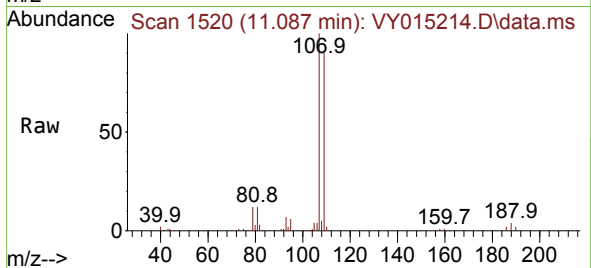
ClientSampleId :

Tgt Ion:107 Resp: 36017

Ion Ratio Lower Upper

107 100

109 90.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 53.578 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

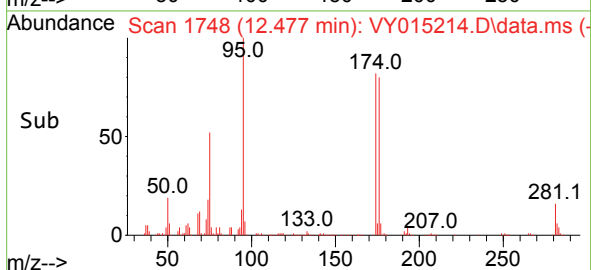
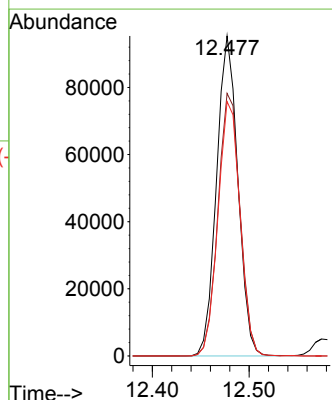
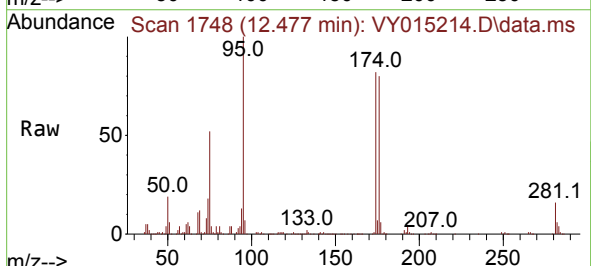
Tgt Ion: 95 Resp: 145598

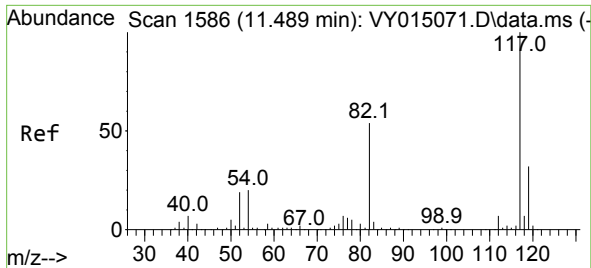
Ion Ratio Lower Upper

95 100

174 85.1 0.0 178.2

176 82.2 0.0 173.8

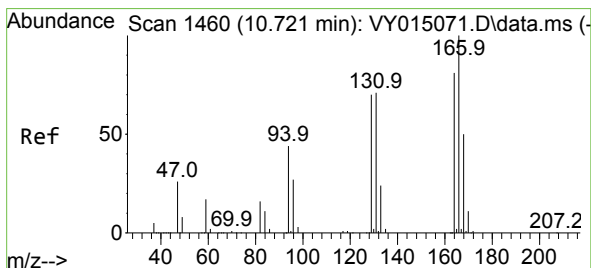
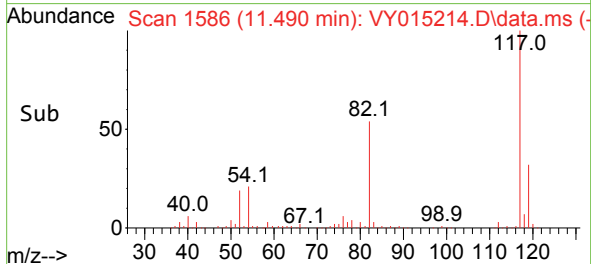
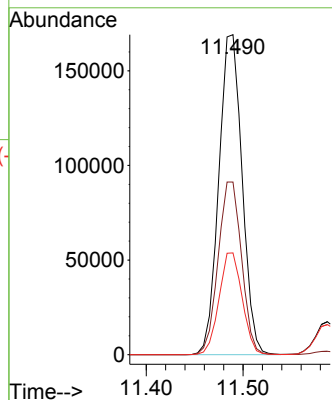
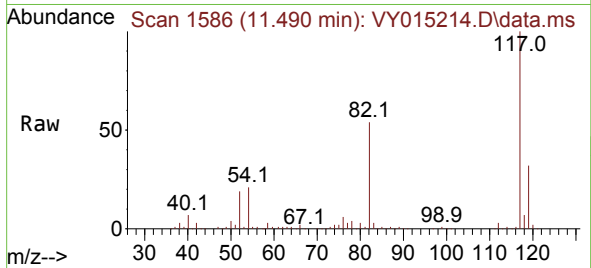




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

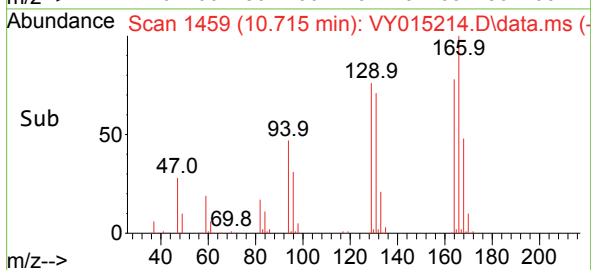
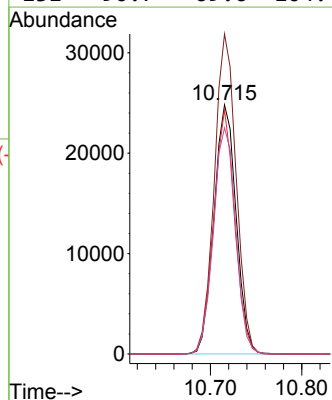
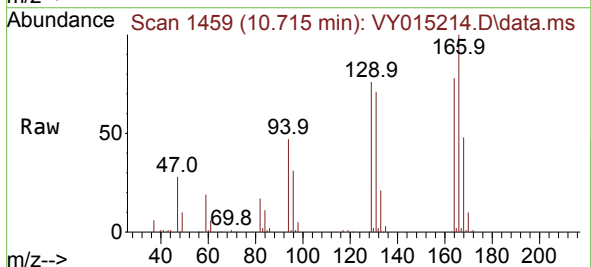
Instrument :
MSVOA_Y
ClientSampleId :

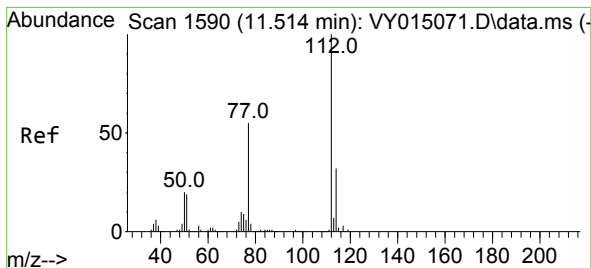
Tgt Ion:117 Resp: 282581
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 21.283 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion:164 Resp: 41900
Ion Ratio Lower Upper
164 100
166 128.4 103.0 154.6
129 98.0 77.2 115.8
131 90.7 69.6 104.4





#65

Chlorobenzene

Concen: 20.065 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

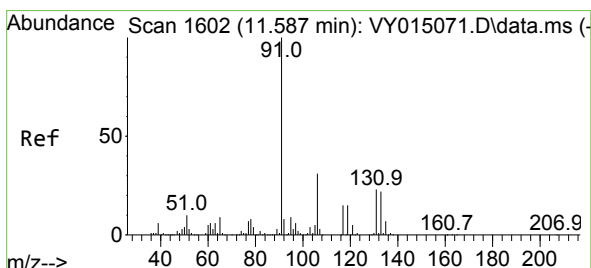
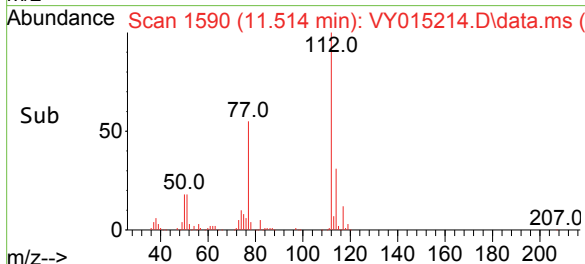
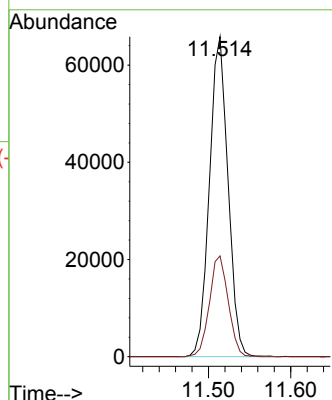
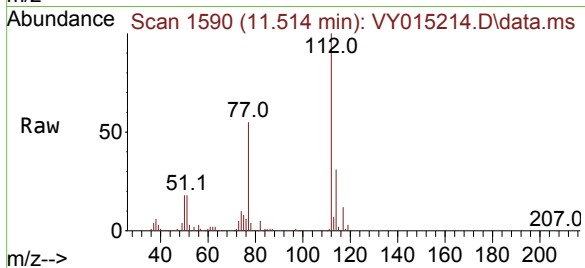
ClientSampleId :

Tgt Ion:112 Resp: 103307

Ion Ratio Lower Upper

112 100

114 31.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.248 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

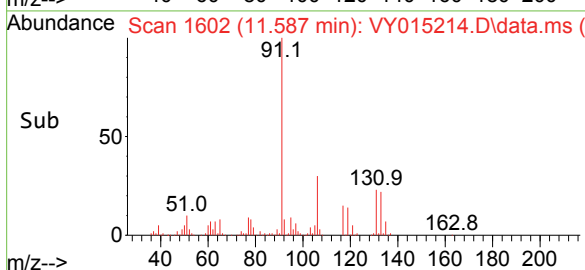
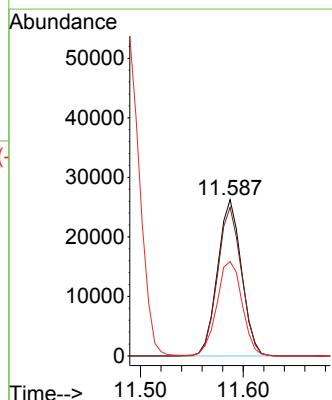
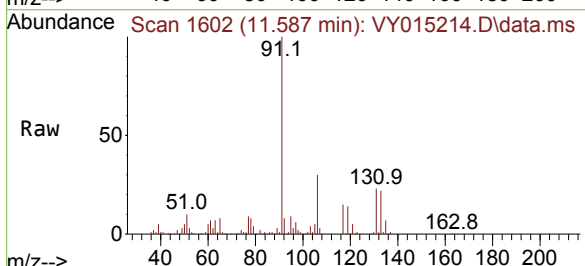
Tgt Ion:131 Resp: 42300

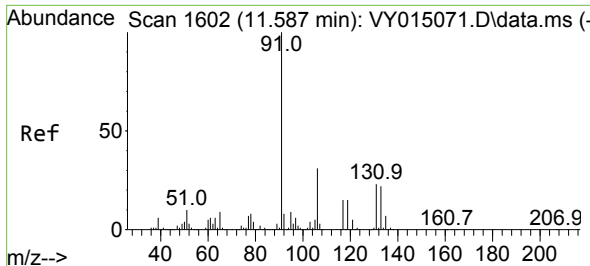
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 64.3 31.6 94.7

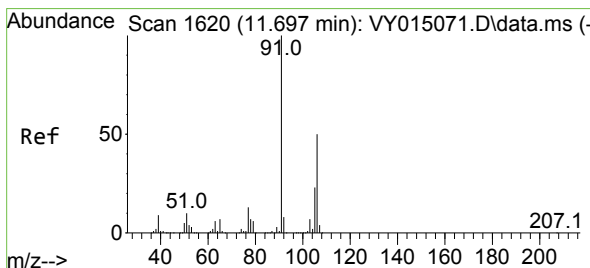
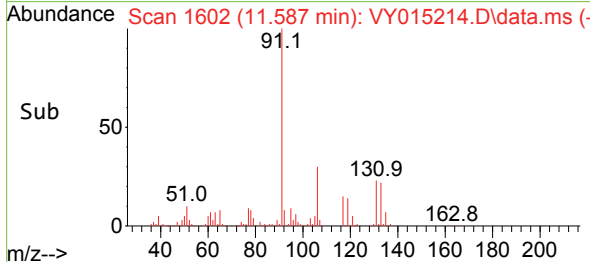
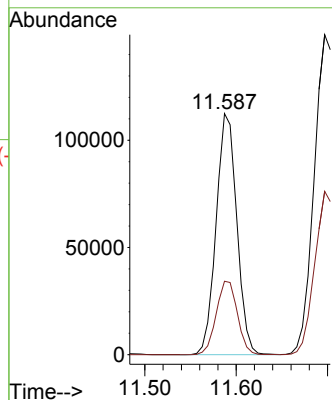
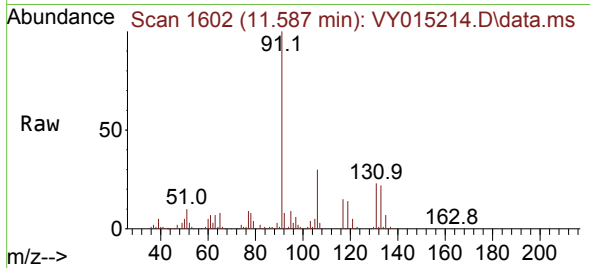




#67
Ethyl Benzene
Concen: 19.630 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

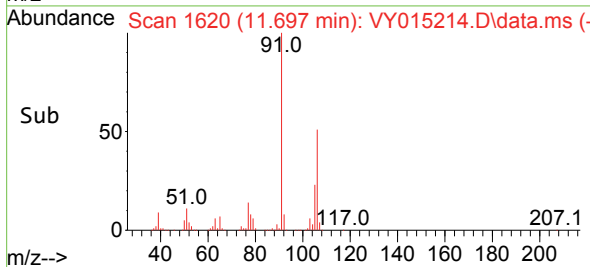
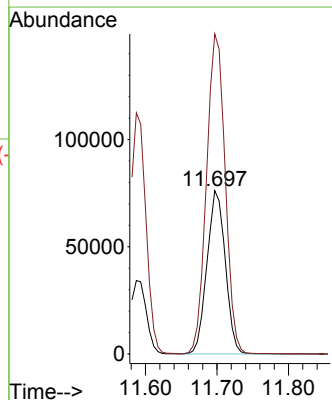
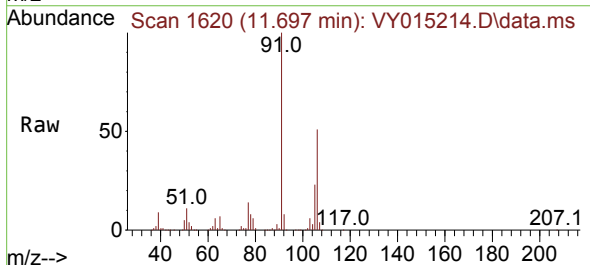
Instrument :
MSVOA_Y
ClientSampleId :

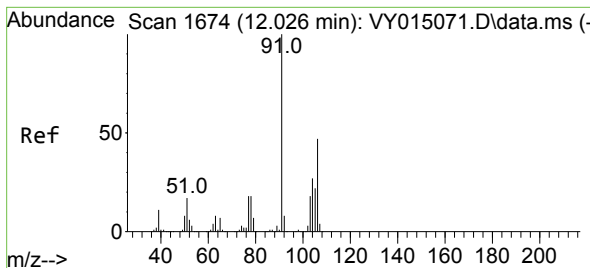
Tgt Ion: 91 Resp: 177079
Ion Ratio Lower Upper
91 100
106 30.4 24.6 36.8



#68
m/p-Xylenes
Concen: 39.618 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion: 106 Resp: 135738
Ion Ratio Lower Upper
106 100
91 199.1 166.1 249.1





#69

o-Xylene

Concen: 19.909 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

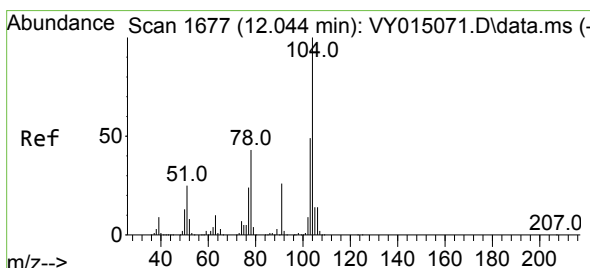
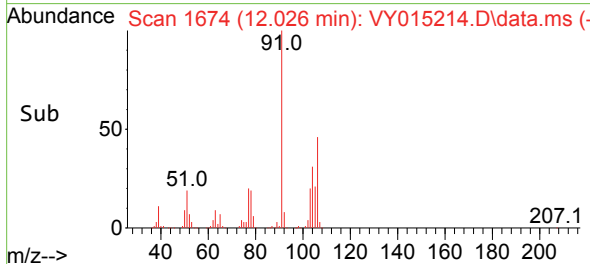
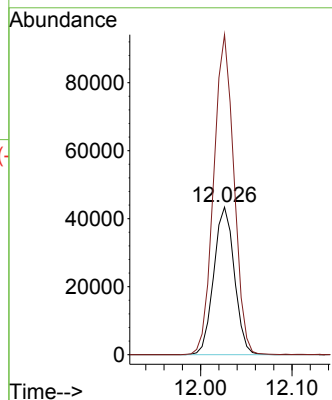
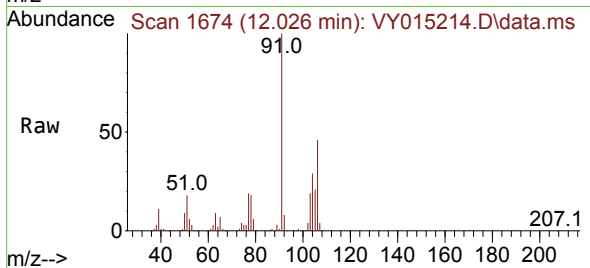
ClientSampleId :

Tgt Ion:106 Resp: 67952

Ion Ratio Lower Upper

106 100

91 213.4 108.1 324.3



#70

Styrene

Concen: 19.699 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

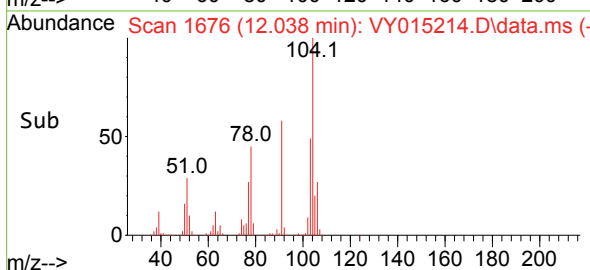
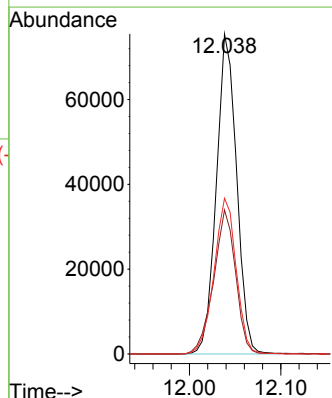
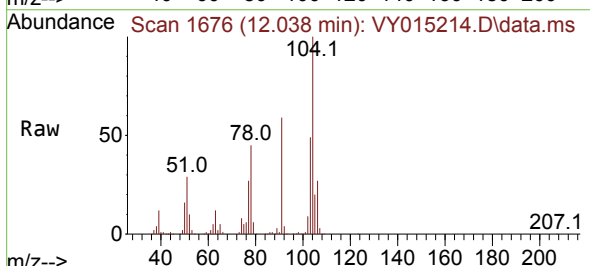
Tgt Ion:104 Resp: 116366

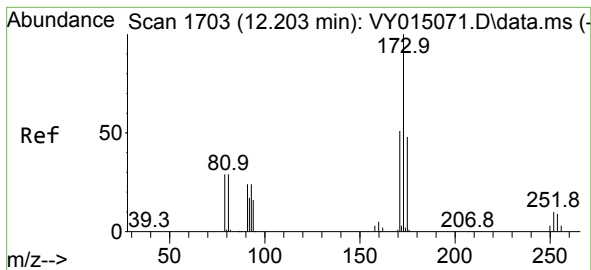
Ion Ratio Lower Upper

104 100

78 48.8 41.5 62.3

103 53.1 44.6 67.0





#71

Bromoform

Concen: 20.067 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY015214.D

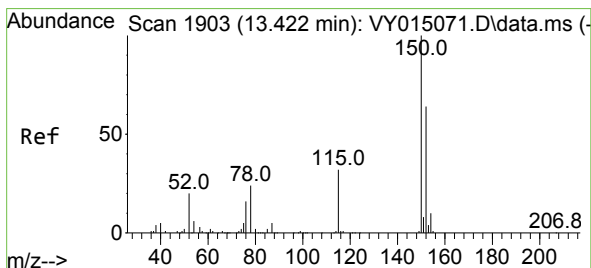
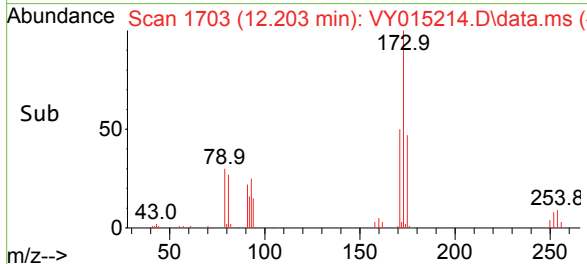
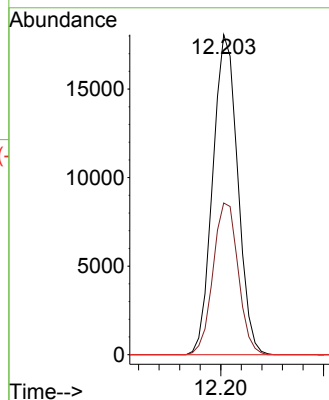
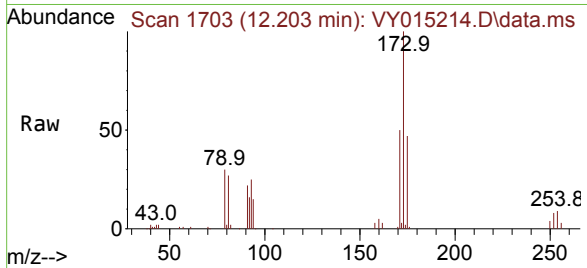
Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	30390
Ion Ratio	Lower	Upper
173	100	
175	47.9	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

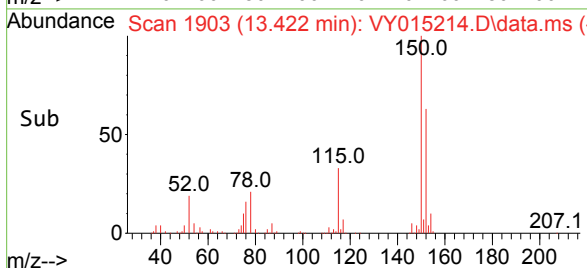
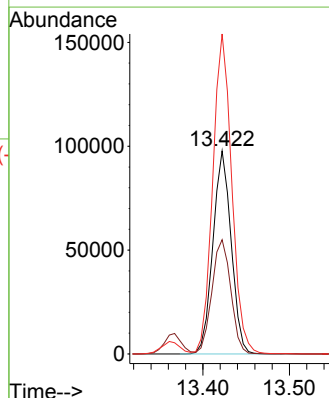
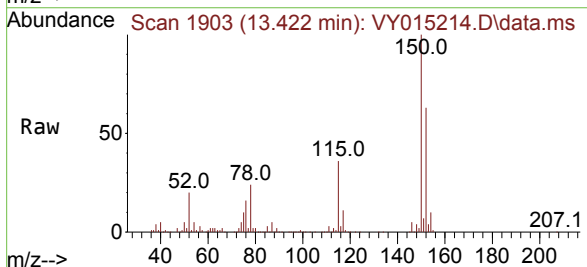
RT: 13.422 min Scan# 1903

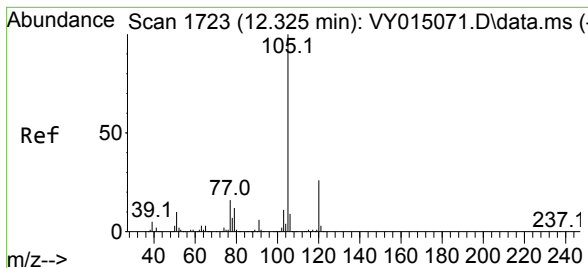
Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Tgt Ion:152	Resp:	143002
Ion Ratio	Lower	Upper
152	100	
115	58.2	28.8 86.5
150	164.3	0.0 348.8





#73

Isopropylbenzene

Concen: 19.902 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

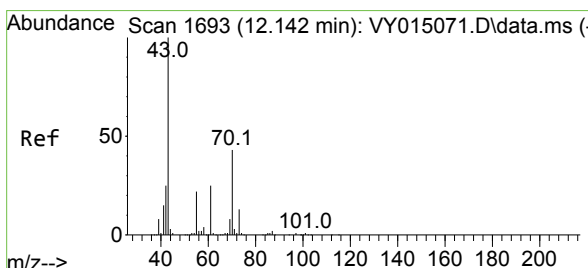
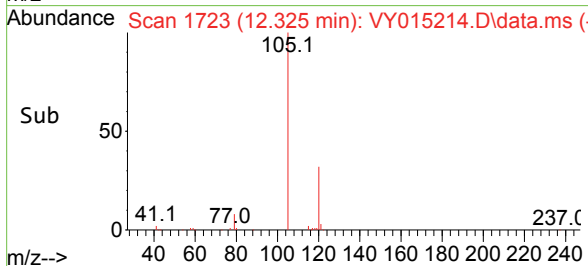
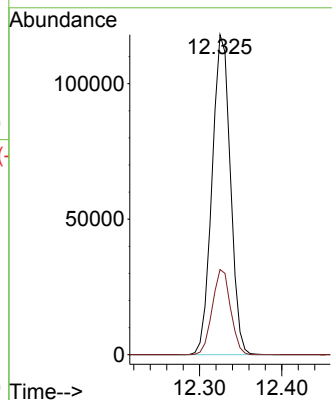
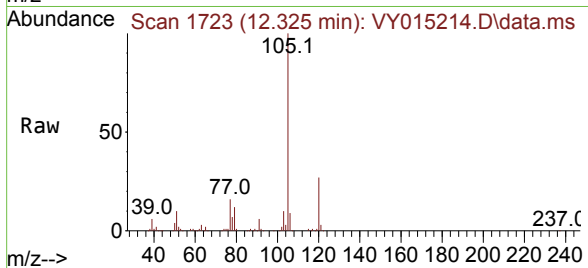
ClientSampleId :

Tgt Ion:105 Resp: 183013

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 20.721 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Tgt Ion: 43 Resp: 68794

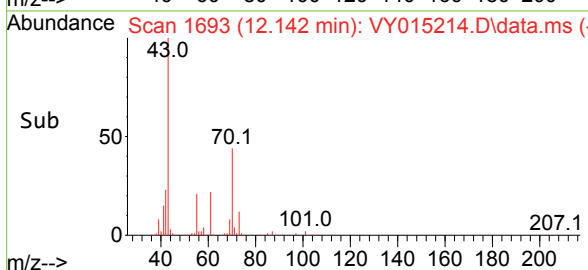
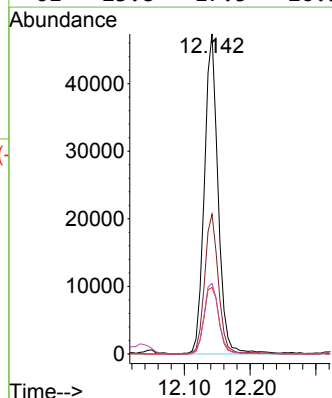
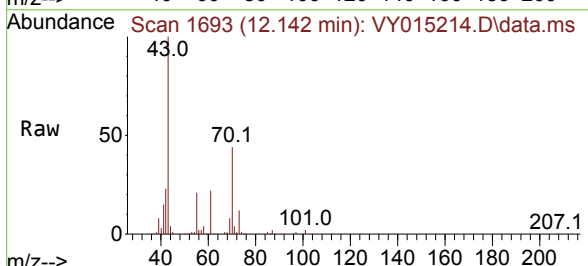
Ion Ratio Lower Upper

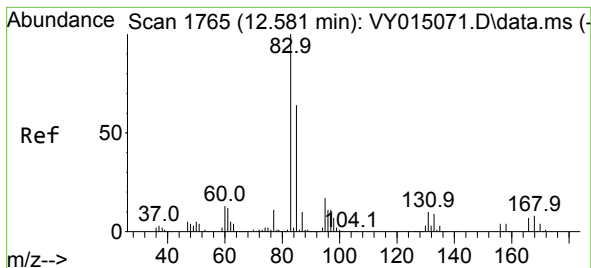
43 100

70 43.3 29.7 44.5

55 22.8 18.3 27.5

61 23.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.469 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

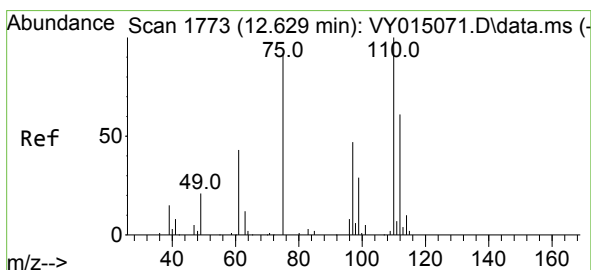
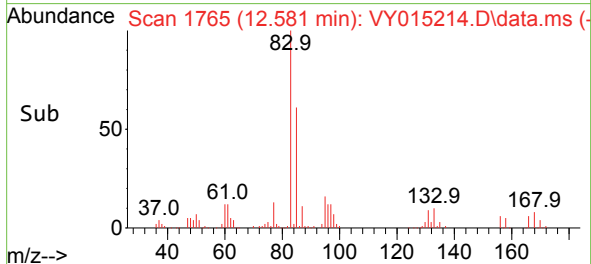
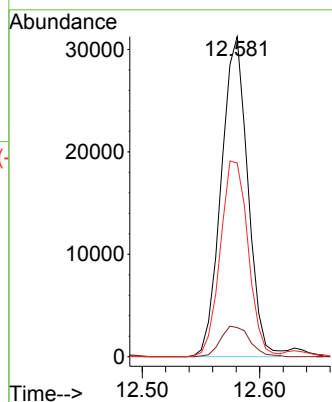
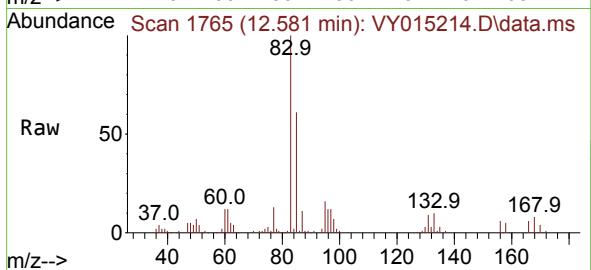
Tgt Ion: 83 Resp: 49021

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.308 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015214.D

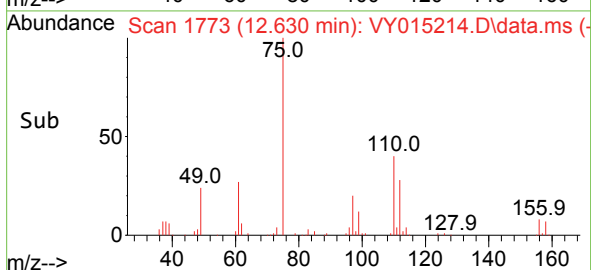
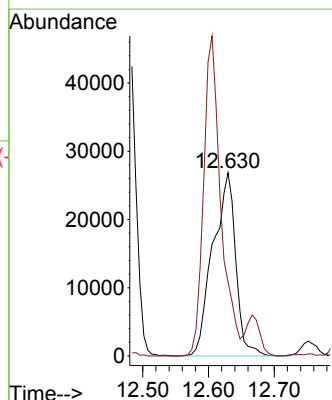
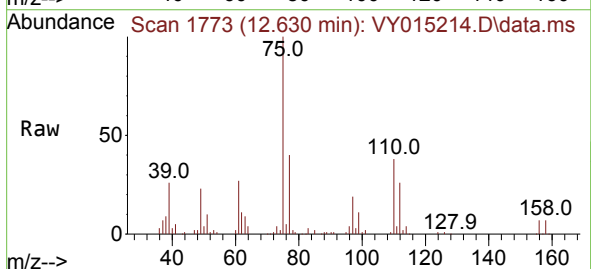
Acq: 21 Aug 2023 12:38

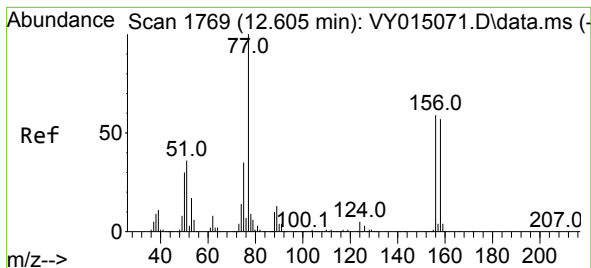
Tgt Ion: 75 Resp: 64818

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.319 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015214.D

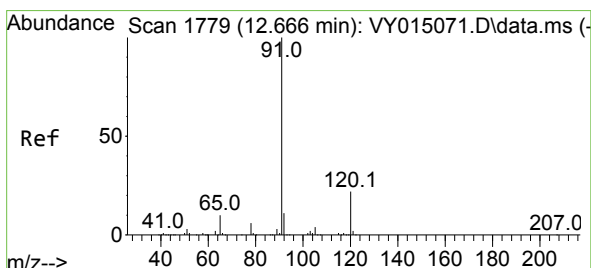
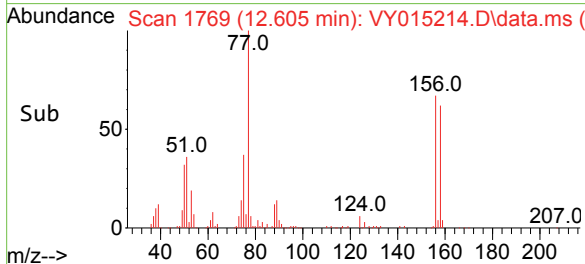
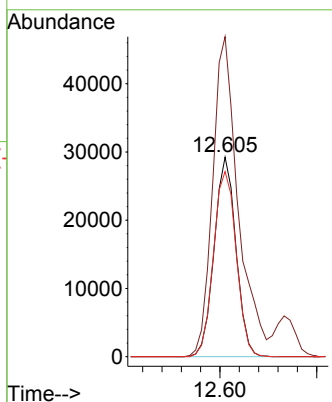
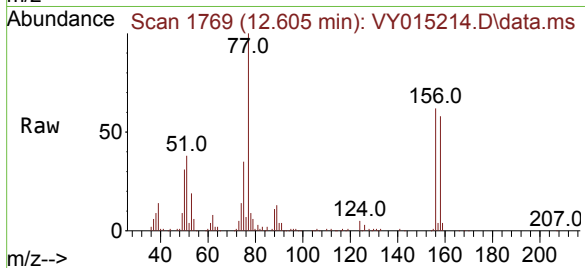
Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	45544
Ion Ratio	Lower	Upper	
156	100		
77	188.4	92.8	278.6
158	97.0	48.4	145.3



#78

n-propylbenzene

Concen: 19.756 ug/l

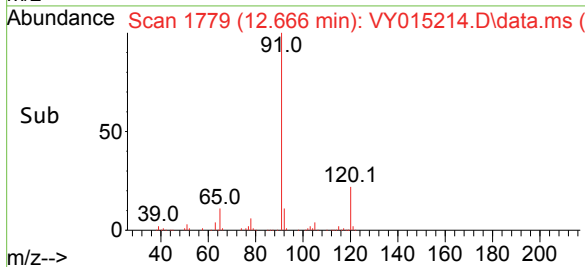
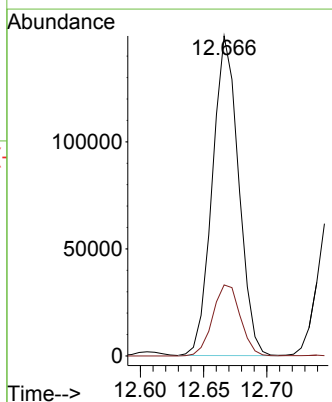
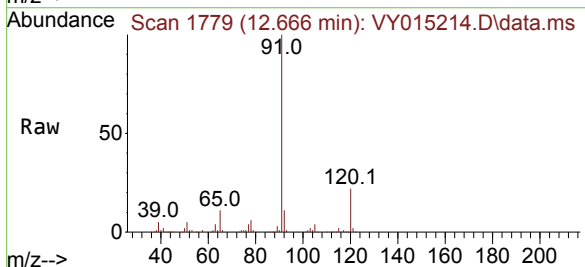
RT: 12.666 min Scan# 1779

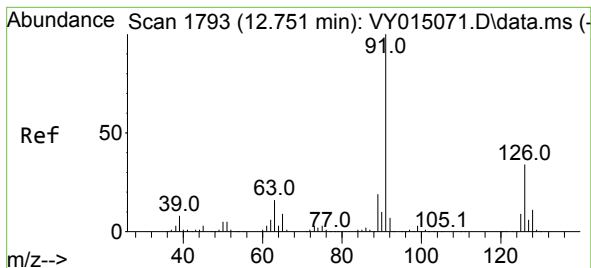
Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Tgt Ion:	91	Resp:	215729
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.956 ug/l

RT: 12.752 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

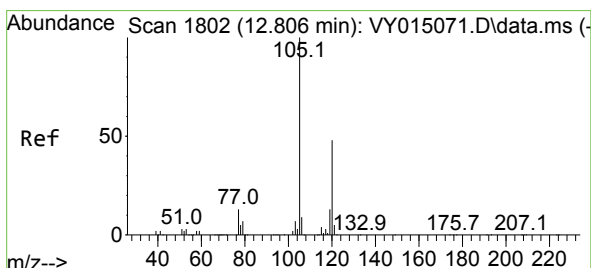
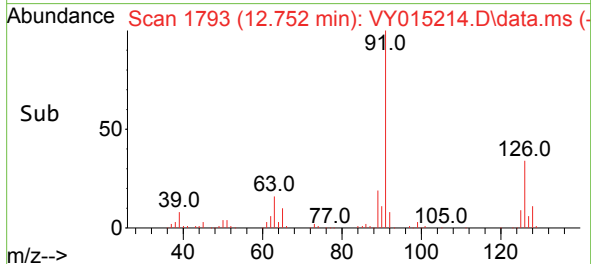
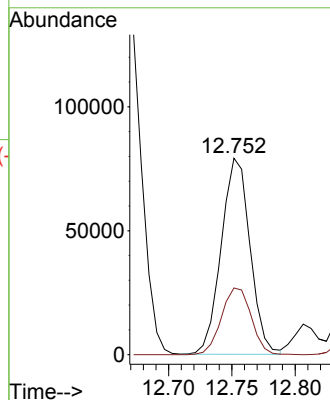
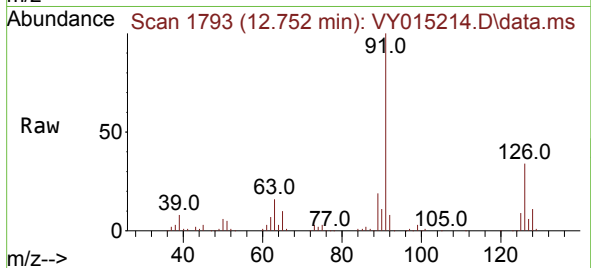
ClientSampleId :

Tgt Ion: 91 Resp: 125710

Ion Ratio Lower Upper

91 100

126 35.1 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.834 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY015214.D

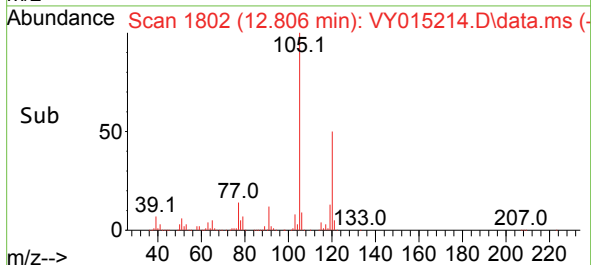
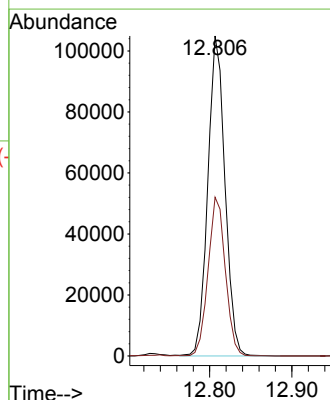
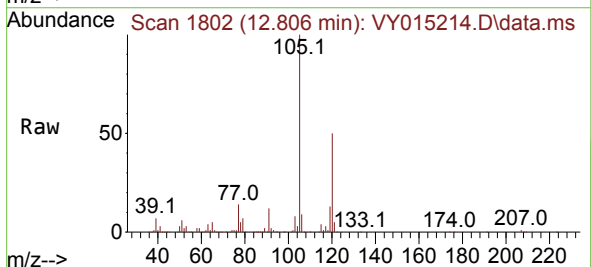
Acq: 21 Aug 2023 12:38

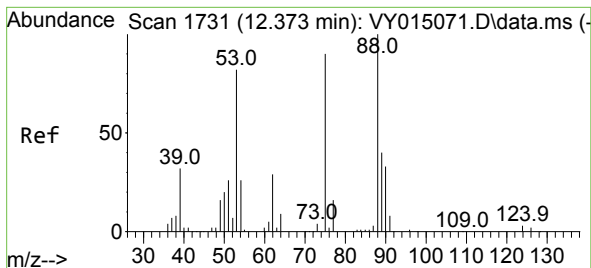
Tgt Ion: 105 Resp: 152033

Ion Ratio Lower Upper

105 100

120 49.9 23.9 71.7

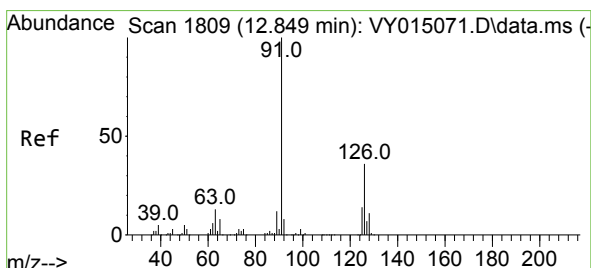
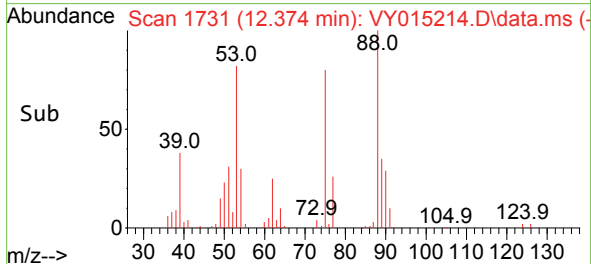
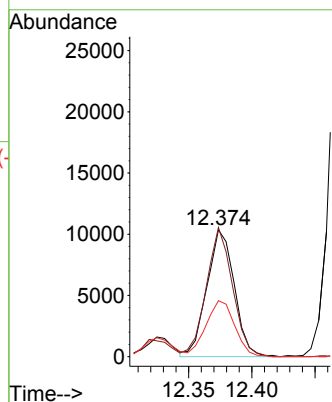
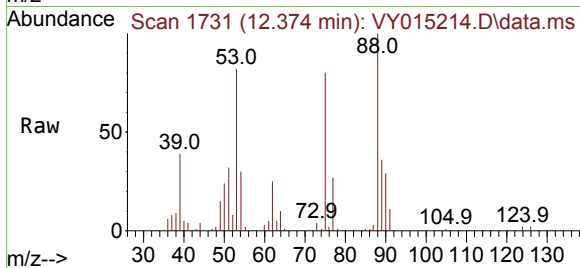




#81
trans-1,4-Dichloro-2-butene
Concen: 19.734 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

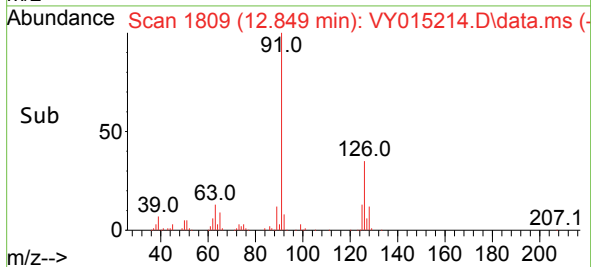
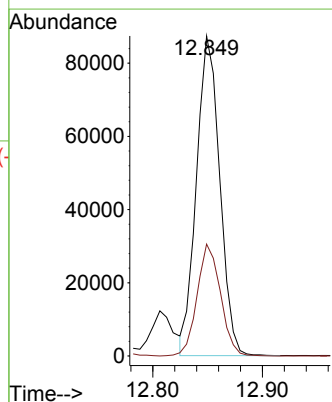
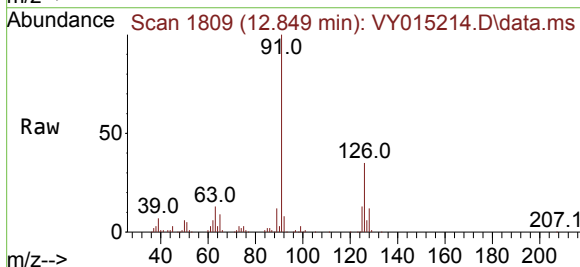
Instrument :
MSVOA_Y
ClientSampleId :

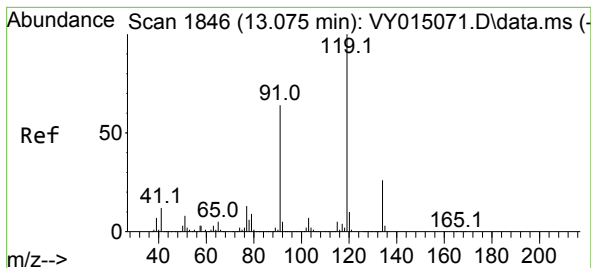
Tgt Ion: 75 Resp: 15609
Ion Ratio Lower Upper
75 100
53 98.0 77.8 116.8
89 46.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.805 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion: 91 Resp: 128889
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.768 ug/l

RT: 13.069 min Scan# 1845

Delta R.T. -0.006 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

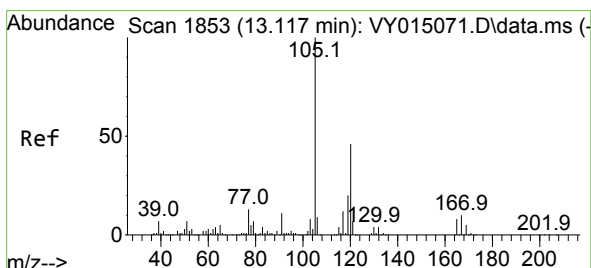
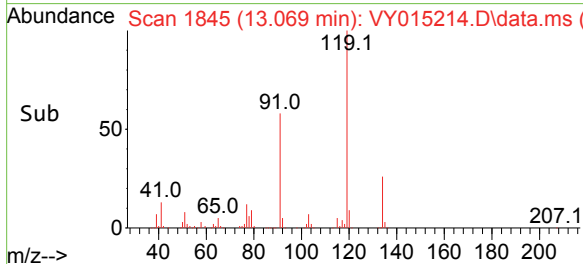
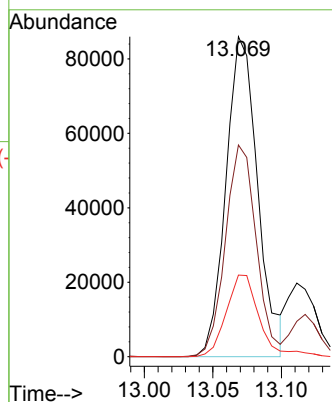
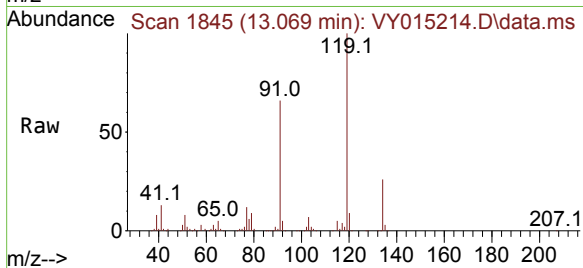
Tgt Ion:119 Resp: 138596

Ion Ratio Lower Upper

119 100

91 64.4 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.834 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015214.D

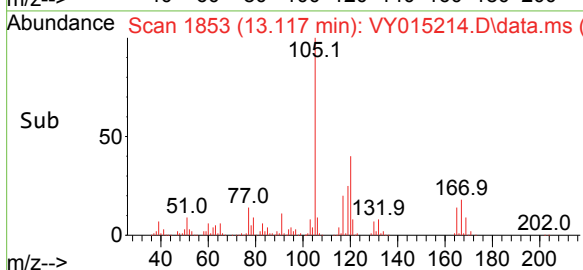
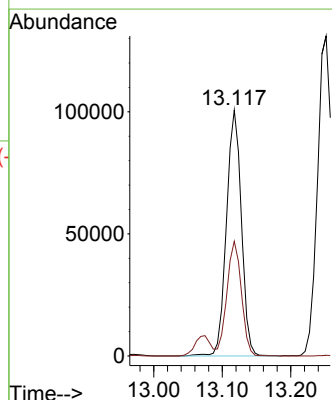
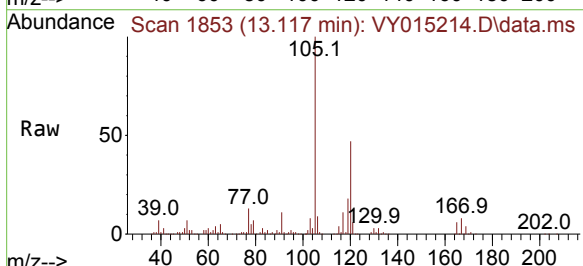
Acq: 21 Aug 2023 12:38

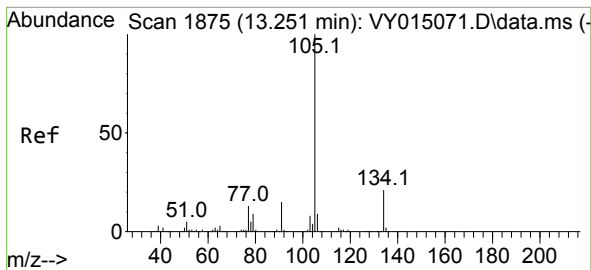
Tgt Ion:105 Resp: 151918

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.344 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

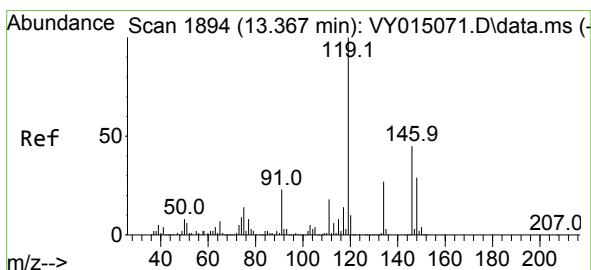
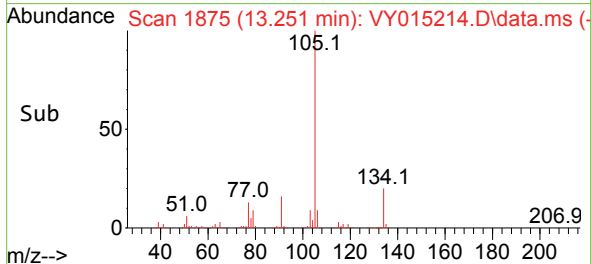
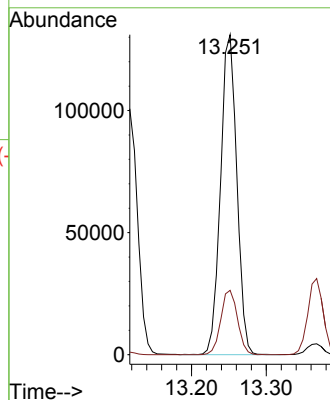
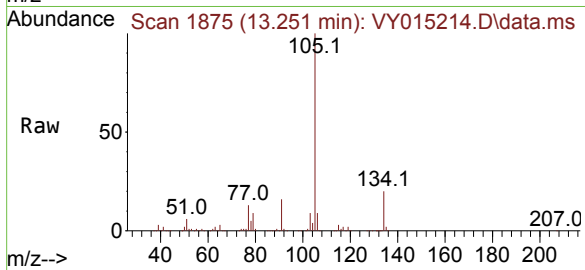
ClientSampleId :

Tgt Ion:105 Resp: 198712

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.841 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

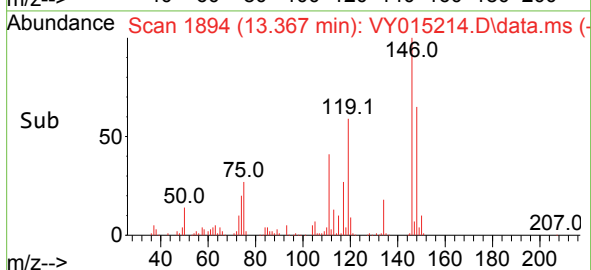
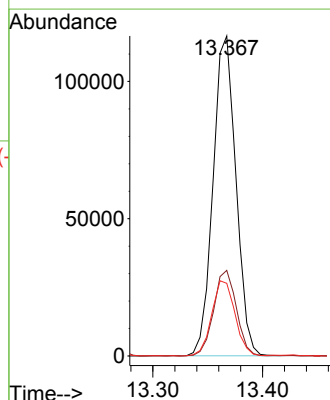
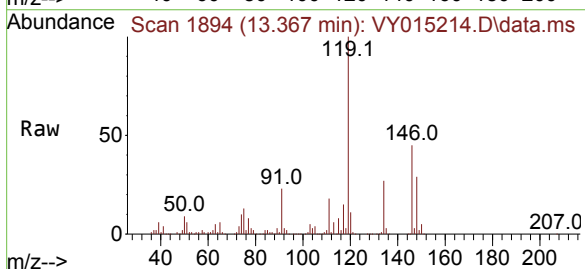
Tgt Ion:119 Resp: 168985

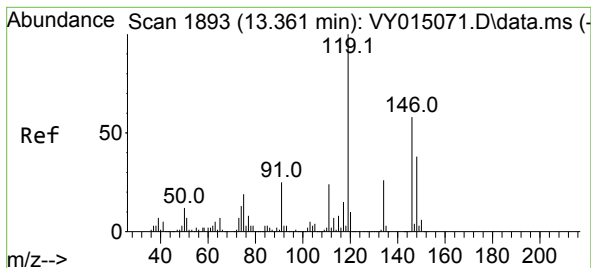
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 24.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.112 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

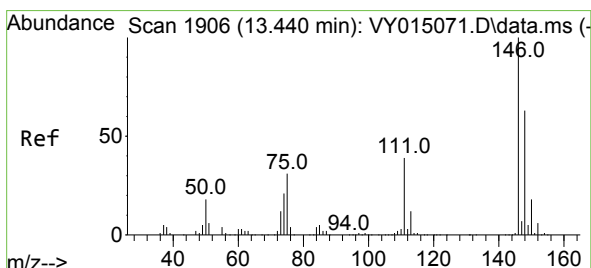
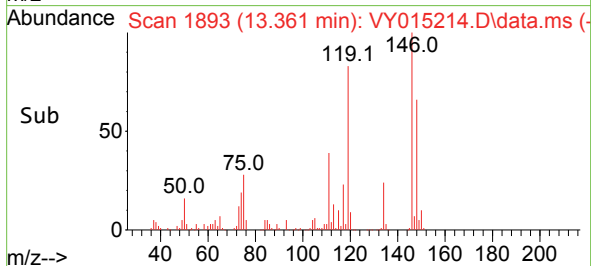
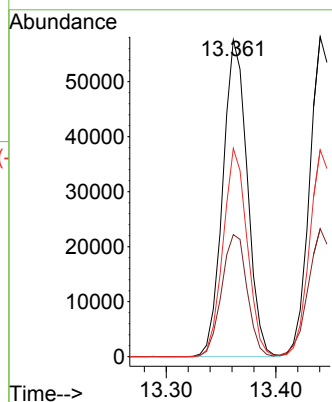
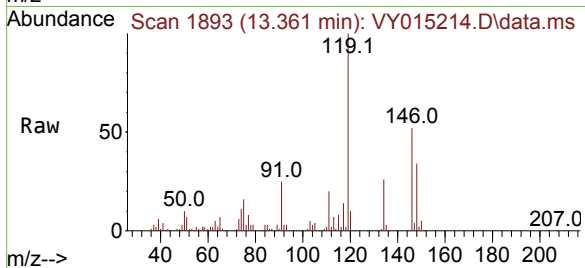
Tgt Ion:146 Resp: 89414

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 64.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.250 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

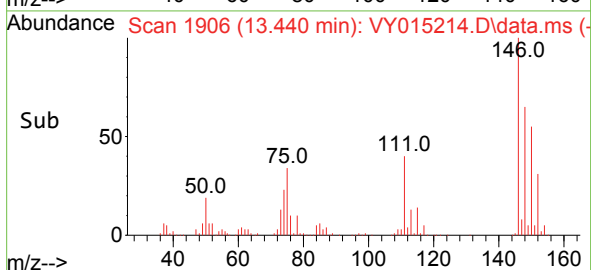
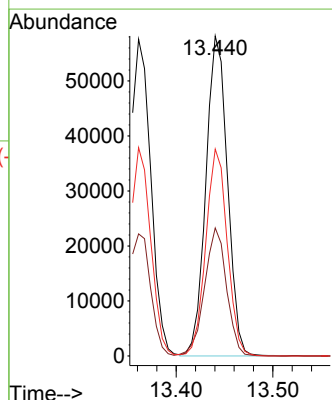
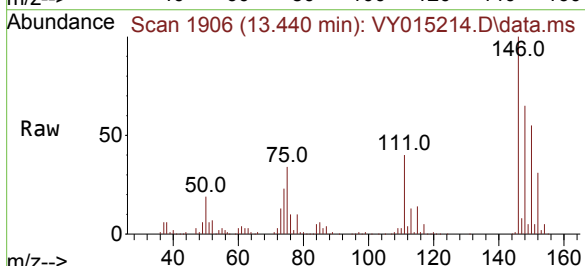
Tgt Ion:146 Resp: 90295

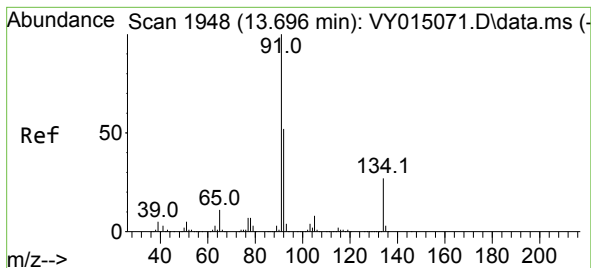
Ion Ratio Lower Upper

146 100

111 40.9 18.9 56.7

148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 19.659 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

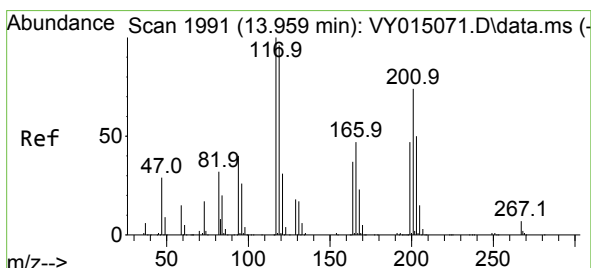
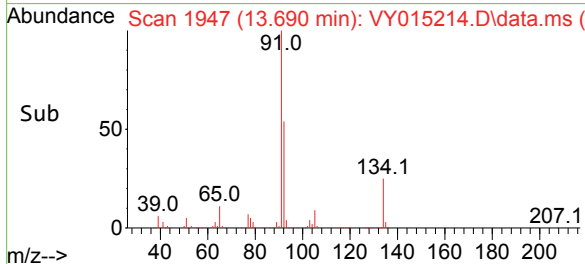
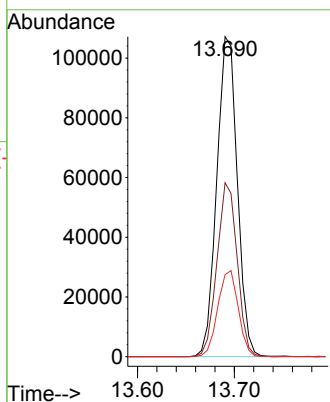
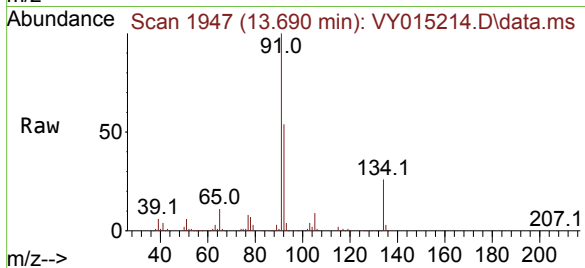
Tgt Ion: 91 Resp: 157866

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 26.9 12.6 37.6



#90

Hexachloroethane

Concen: 19.008 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015214.D

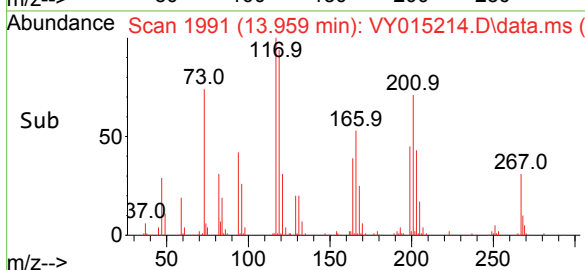
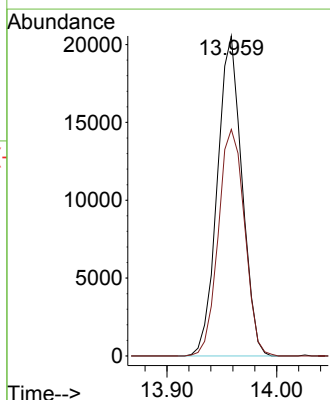
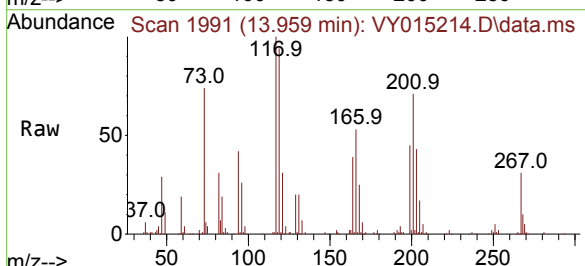
Acq: 21 Aug 2023 12:38

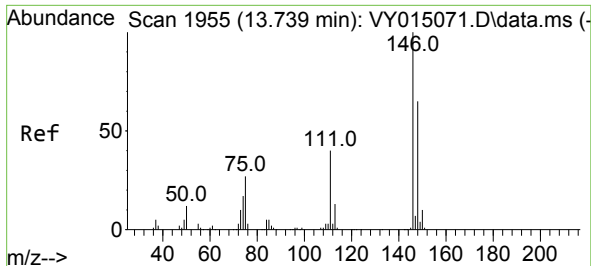
Tgt Ion: 117 Resp: 32117

Ion Ratio Lower Upper

117 100

201 75.4 41.6 124.8

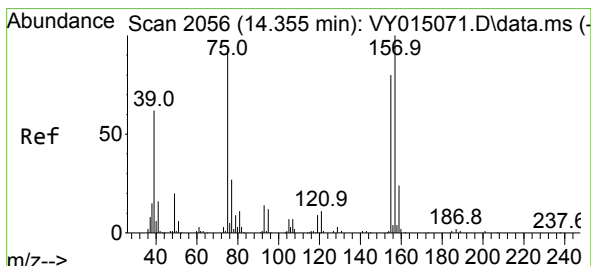
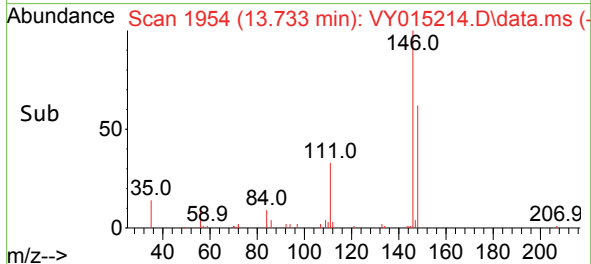
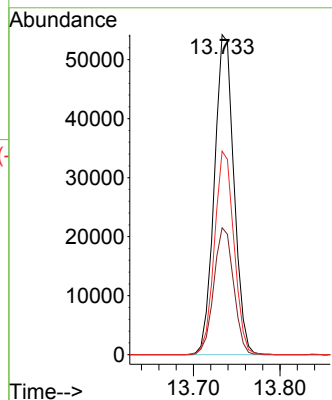
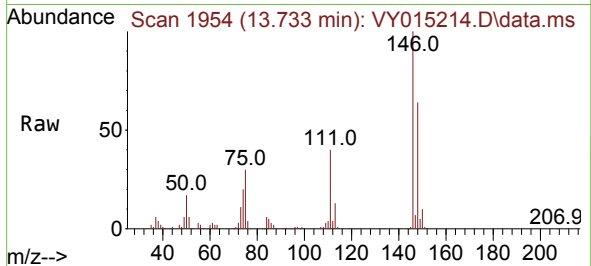




#91
1,2-Dichlorobenzene
Concen: 20.507 ug/l
RT: 13.733 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

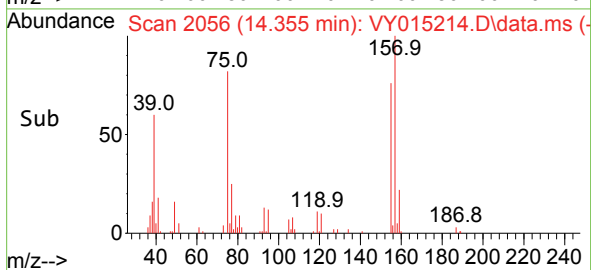
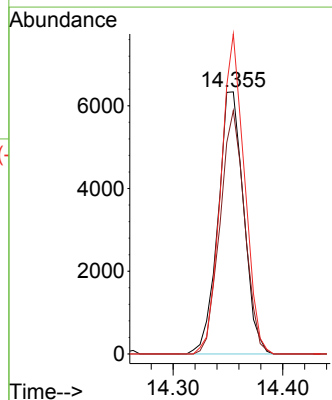
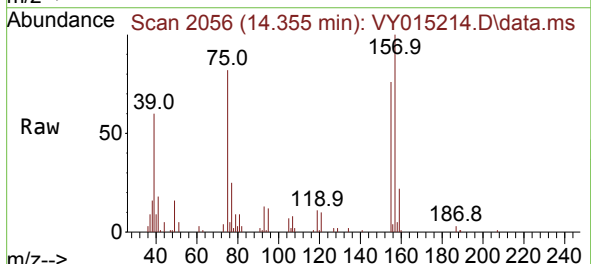
Instrument :
MSVOA_Y
ClientSampleId :

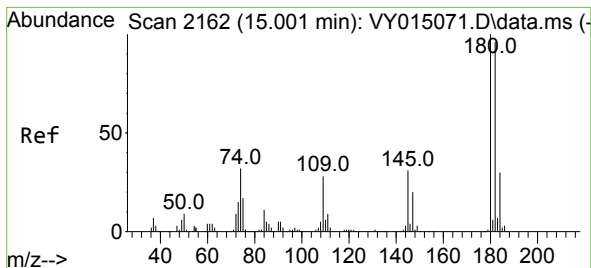
Tgt Ion:146 Resp: 85168
Ion Ratio Lower Upper
146 100
111 40.0 19.7 59.0
148 63.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.162 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY015214.D
Acq: 21 Aug 2023 12:38

Tgt Ion: 75 Resp: 10282
Ion Ratio Lower Upper
75 100
155 88.8 41.5 124.6
157 112.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.904 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

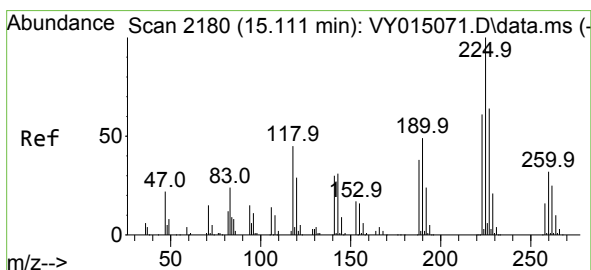
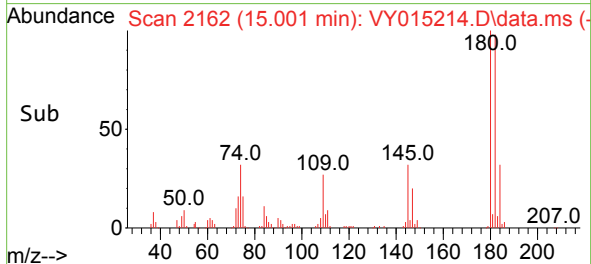
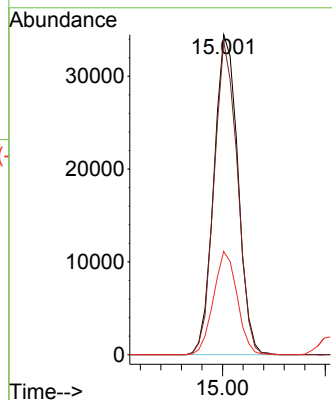
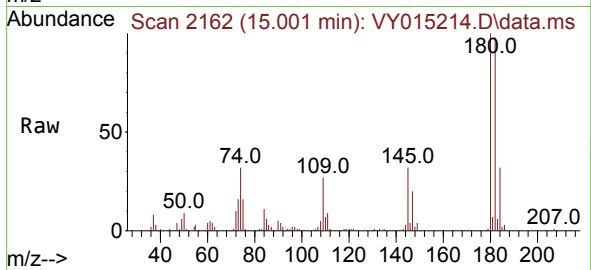
Tgt Ion:180 Resp: 55737

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 32.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.980 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

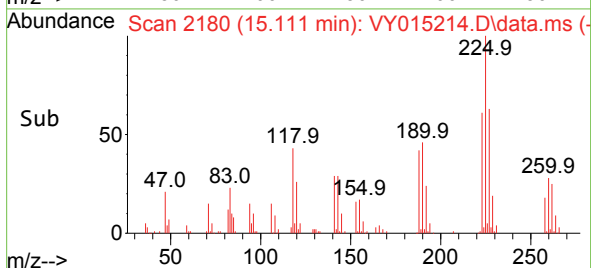
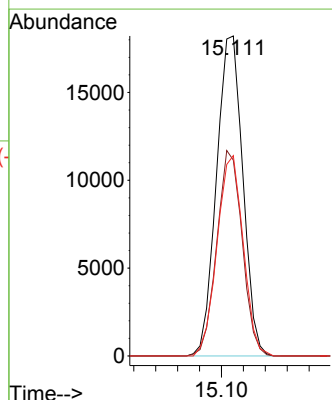
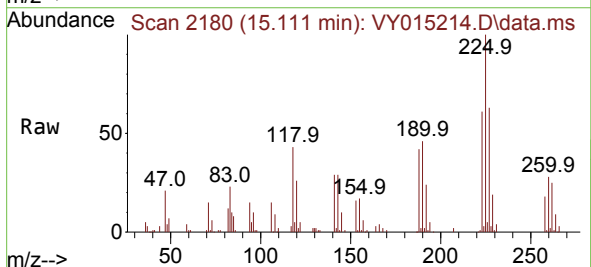
Tgt Ion:225 Resp: 30428

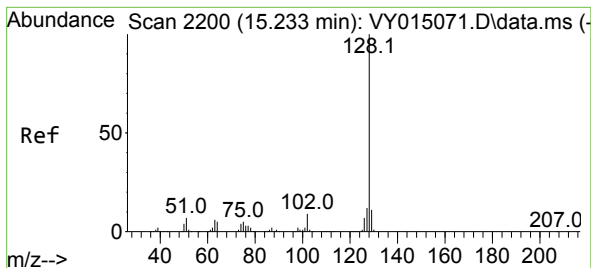
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.9

227 62.1 33.0 98.9





#95

Naphthalene

Concen: 20.976 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

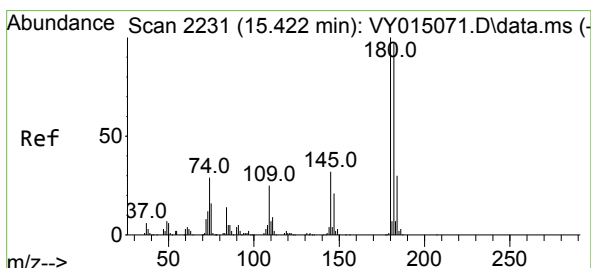
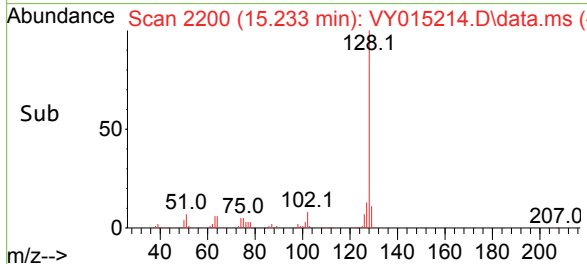
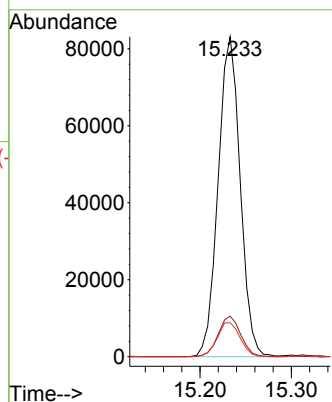
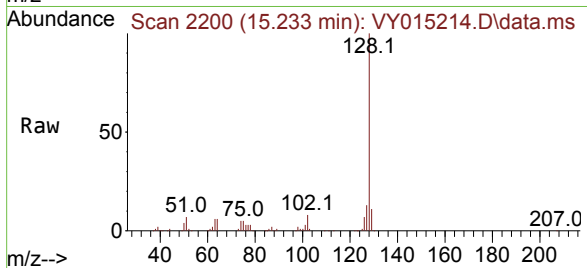
Tgt Ion:128 Resp: 139322

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.440 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015214.D

Acq: 21 Aug 2023 12:38

Tgt Ion:180 Resp: 51628

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 31.1 15.4 46.2

