

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014133.D
 Acq On : 13 Jun 2023 12:18
 Operator : KP/MD
 Sample : VY0613SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBS01

Quant Time: Jun 14 01:32:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	198843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	298914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154943	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	127061	45.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.780%
35) Dibromofluoromethane	7.716	113	107512	50.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.440%
50) Toluene-d8	10.179	98	379522	47.888	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.483	95	143513	50.977	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	51750	23.352	ug/l	96
3) Chloromethane	2.113	50	54518	19.402	ug/l	96
4) Vinyl Chloride	2.253	62	55469	20.304	ug/l	98
5) Bromomethane	2.650	94	46449	20.607	ug/l	99
6) Chloroethane	2.790	64	37401	20.147	ug/l	96
7) Trichlorofluoromethane	3.125	101	98510	22.196	ug/l	98
8) Diethyl Ether	3.534	74	29038	19.594	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	50733	22.650	ug/l	98
10) Methyl Iodide	4.094	142	49420	16.709	ug/l	94
11) Tert butyl alcohol	4.930	59	10725	14.125	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	47130	20.759	ug/l	91
13) Acrolein	3.729	56	18703	129.910	ug/l	99
14) Allyl chloride	4.485	41	77973	18.947	ug/l	97
15) Acrylonitrile	5.167	53	75076	98.216	ug/l	99
16) Acetone	3.960	43	78388	93.919	ug/l	99
17) Carbon Disulfide	4.192	76	134198	18.241	ug/l	99
18) Methyl Acetate	4.479	43	60081	18.546	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	132592	19.802	ug/l	100
20) Methylene Chloride	4.716	84	62470	21.393	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	50659	20.006	ug/l	96
22) Diisopropyl ether	6.119	45	160013	20.308	ug/l	98
23) Vinyl Acetate	6.064	43	452592	97.352	ug/l	99
24) 1,1-Dichloroethane	6.015	63	90988	20.028	ug/l	99
25) 2-Butanone	6.996	43	102751	100.010	ug/l	97
26) 2,2-Dichloropropane	6.978	77	88453	20.730	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	56429	19.921	ug/l	99
28) Bromochloromethane	7.338	49	37691	20.401	ug/l	93
29) Tetrahydrofuran	7.356	42	64341	98.760	ug/l	98
30) Chloroform	7.508	83	100415	20.834	ug/l	96
31) Cyclohexane	7.789	56	75750	20.422	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	92033	21.172	ug/l	99
36) 1,1-Dichloropropene	7.923	75	70361	21.290	ug/l	97
37) Ethyl Acetate	7.082	43	47101	20.656	ug/l	99
38) Carbon Tetrachloride	7.899	117	86845	22.772	ug/l	100
39) Methylcyclohexane	9.185	83	79436	21.664	ug/l	97
40) Benzene	8.161	78	205108	20.871	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	63200	54.307	ug/l #	41
42) 1,2-Dichloroethane	8.240	62	71908	20.692	ug/l	100
43) Isopropyl Acetate	8.277	43	82743	20.703	ug/l	99
44) Trichloroethene	8.941	130	56783	21.627	ug/l	100
45) 1,2-Dichloropropane	9.216	63	52545	21.051	ug/l	96
46) Dibromomethane	9.307	93	32362	21.062	ug/l	98
47) Bromodichloromethane	9.496	83	76627	21.299	ug/l	98
48) Methyl methacrylate	9.295	41	38470	20.637	ug/l	99
49) 1,4-Dioxane	9.313	88	8450	432.808	ug/l #	67
51) 4-Methyl-2-Pentanone	10.069	43	229914	105.887	ug/l	99
52) Toluene	10.246	92	131141	21.527	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	79787	21.067	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	86040	20.822	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	43458	21.324	ug/l	96
56) Ethyl methacrylate	10.508	69	57323	20.392	ug/l	99
57) 1,3-Dichloropropane	10.788	76	71826	20.607	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	72462	79.704	ug/l	97
59) 2-Hexanone	10.831	43	164198	104.701	ug/l	100
60) Dibromochloromethane	10.983	129	56336	21.598	ug/l	97
61) 1,2-Dibromoethane	11.087	107	42245	21.004	ug/l	99
64) Tetrachloroethene	10.721	164	52494	21.971	ug/l	97
65) Chlorobenzene	11.514	112	141912	21.069	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	56634	21.378	ug/l	99
67) Ethyl Benzene	11.593	91	250164	21.219	ug/l	99
68) m/p-Xylenes	11.703	106	196007	43.223	ug/l	100
69) o-Xylene	12.032	106	91417	21.322	ug/l	100
70) Styrene	12.044	104	158667	21.684	ug/l	98
71) Bromoform	12.209	173	39841	21.959	ug/l #	96
73) Isopropylbenzene	12.331	105	244531	20.688	ug/l	99
74) N-amyl acetate	12.142	43	74930	20.004	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	54414	20.602	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	72814	35.819	ug/l #	100
77) Bromobenzene	12.605	156	64561	20.781	ug/l	94
78) n-propylbenzene	12.672	91	300329	20.802	ug/l	98
79) 2-Chlorotoluene	12.758	91	171854	20.688	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	210203	20.769	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	19010	20.214	ug/l	98
82) 4-Chlorotoluene	12.855	91	181485	20.616	ug/l	98
83) tert-Butylbenzene	13.075	119	180897	21.033	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	212985	21.259	ug/l	100
85) sec-Butylbenzene	13.251	105	266775	21.335	ug/l	99
86) p-Isopropyltoluene	13.367	119	226502	21.165	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	123377	20.800	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	124458	20.825	ug/l	100
89) n-Butylbenzene	13.696	91	208939	21.050	ug/l	99
90) Hexachloroethane	13.959	117	45065	21.133	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	111672	20.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10271	20.421	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	68480	20.292	ug/l	99
94) Hexachlorobutadiene	15.111	225	44716	22.951	ug/l	96
95) Naphthalene	15.233	128	133521	19.492	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	61066	20.025	ug/l	97

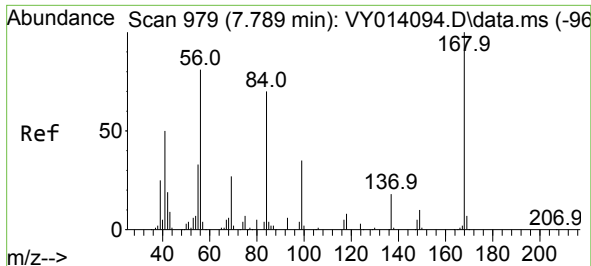
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
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Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

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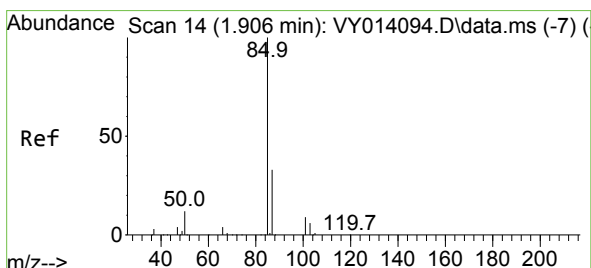
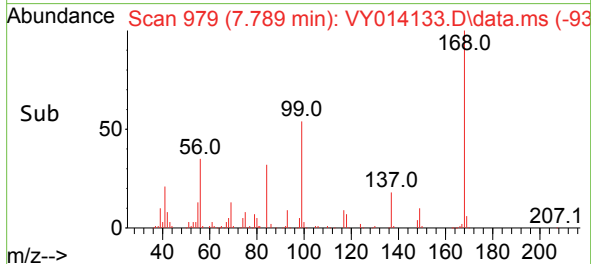
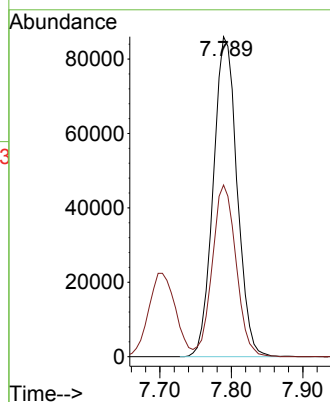
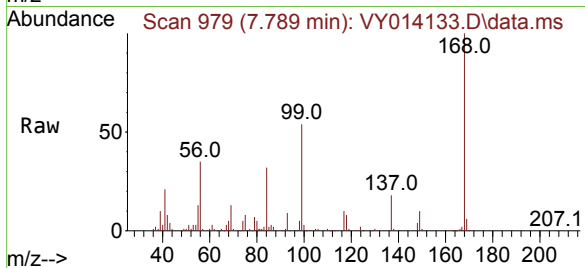
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014133.D
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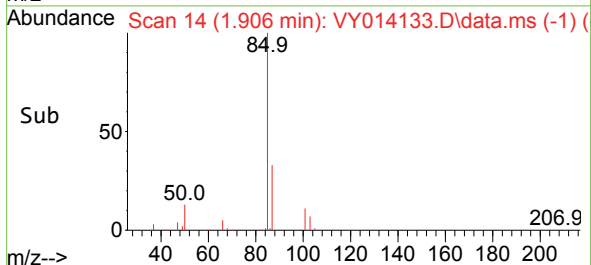
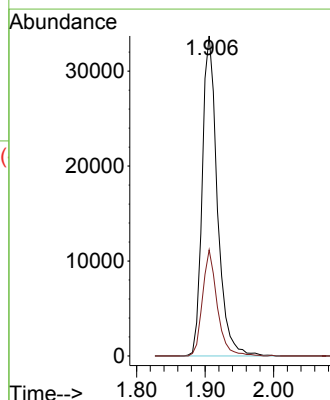
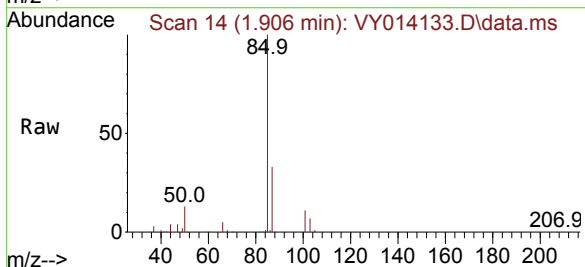
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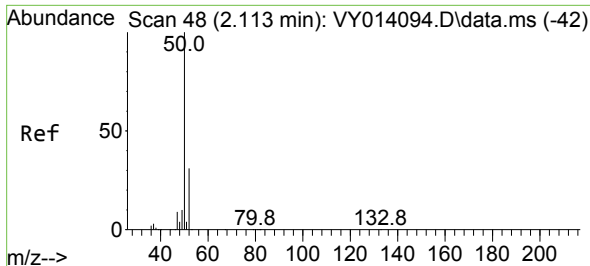
Tgt Ion:168 Resp: 198843
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.352 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 85 Resp: 51750
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8

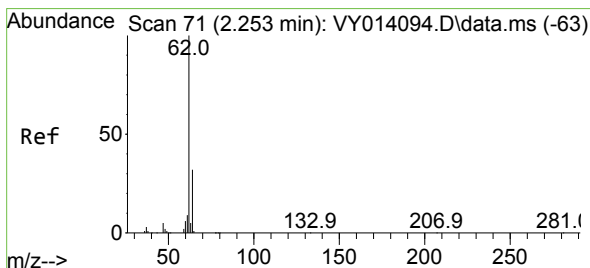
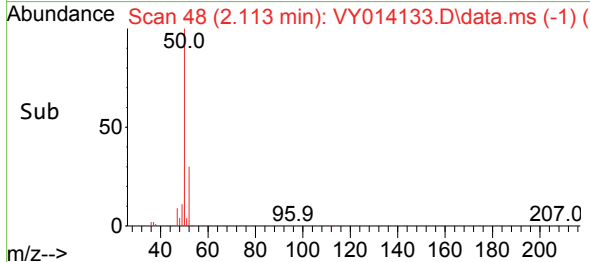
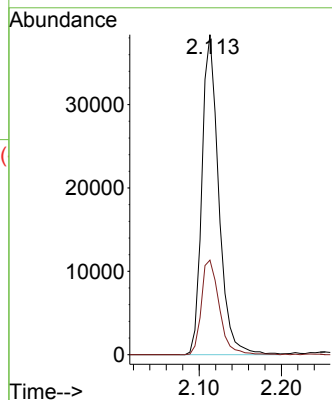
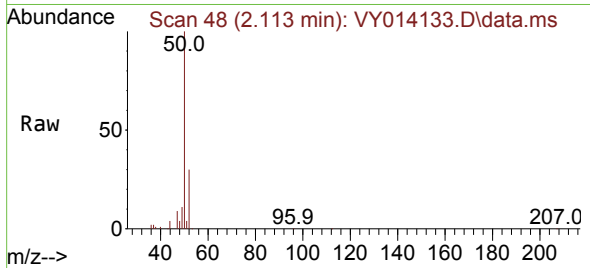




#3
Chloromethane
Concen: 19.402 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

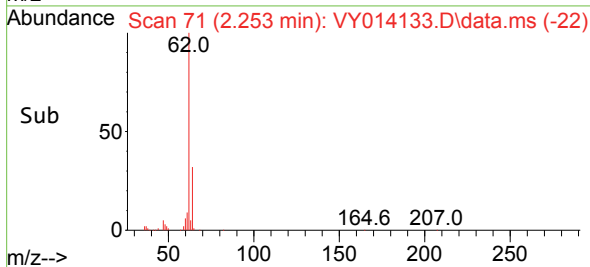
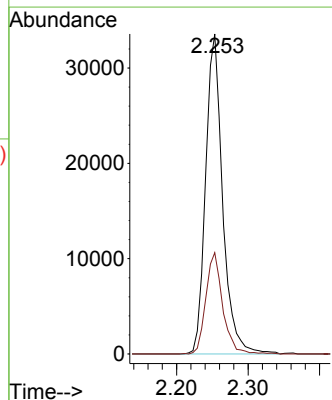
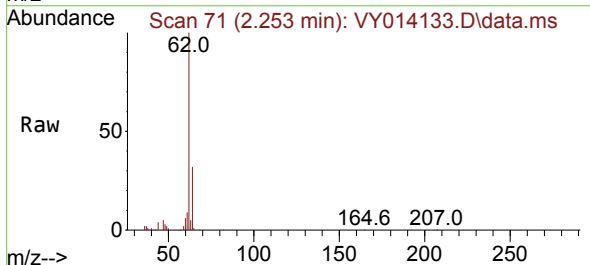
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ClientSampleId :
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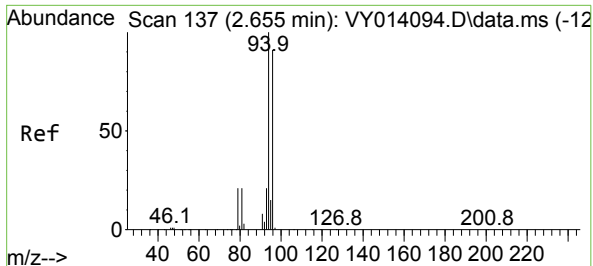
Tgt Ion: 50 Resp: 54518
Ion Ratio Lower Upper
50 100
52 29.5 25.4 38.2



#4
Vinyl Chloride
Concen: 20.304 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 62 Resp: 55469
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5

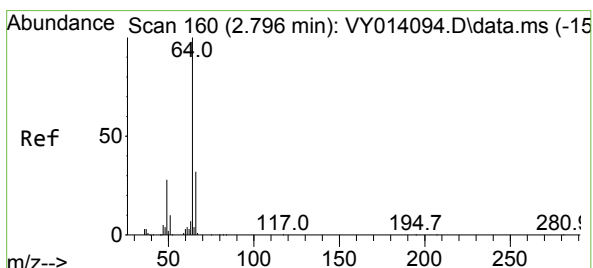
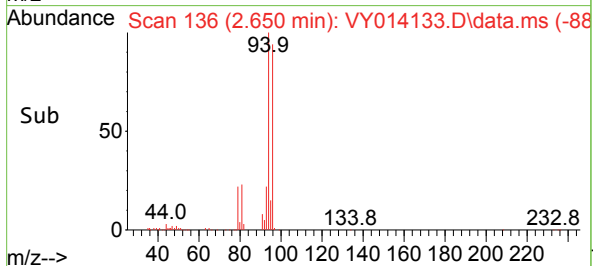
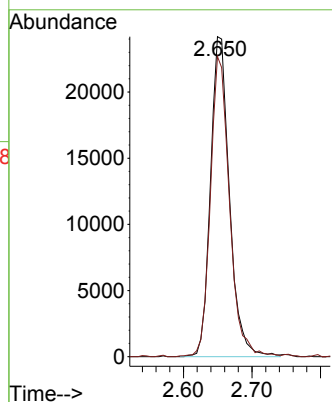
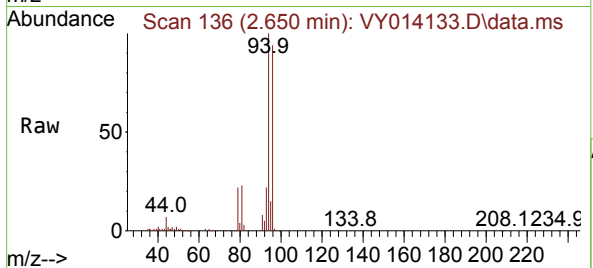




#5
Bromomethane
Concen: 20.607 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

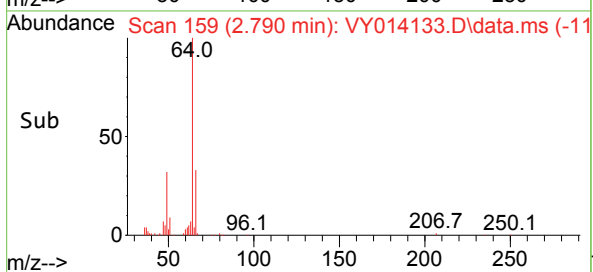
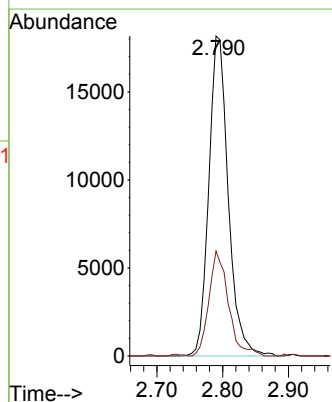
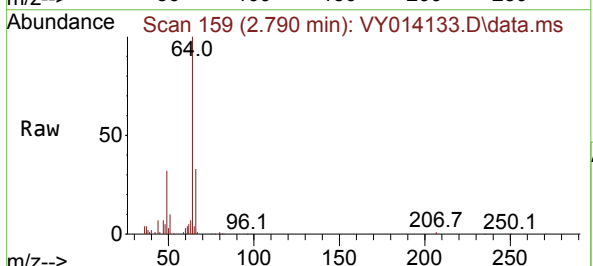
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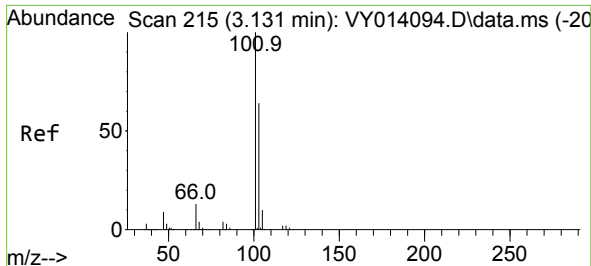
Tgt Ion: 94 Resp: 46449
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.6



#6
Chloroethane
Concen: 20.147 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 64 Resp: 37401
Ion Ratio Lower Upper
64 100
66 32.8 24.4 36.6

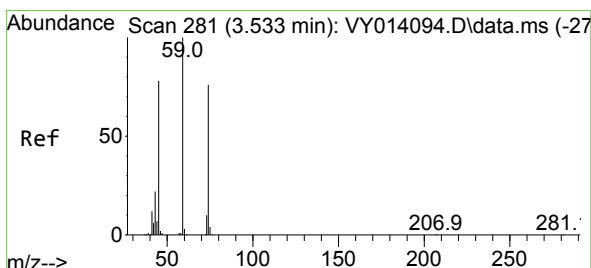
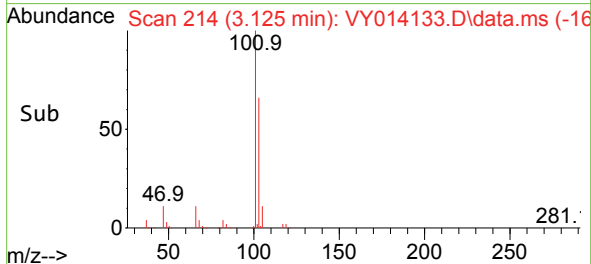
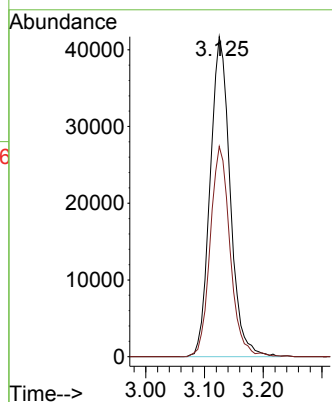
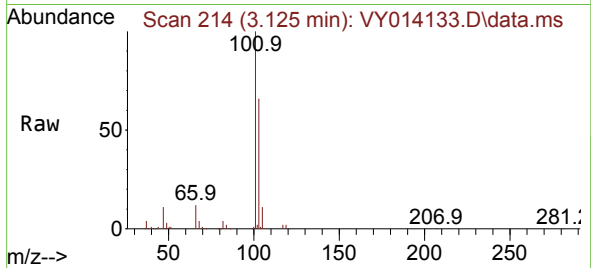




#7
Trichlorofluoromethane
Concen: 22.196 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

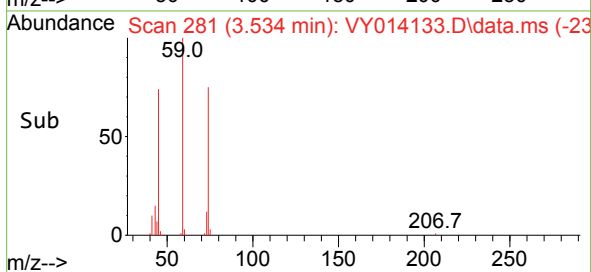
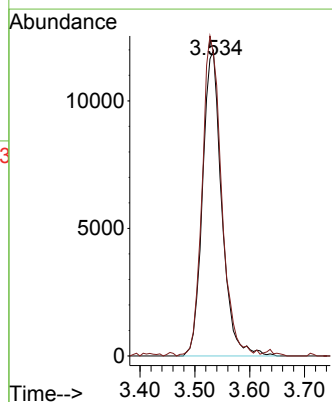
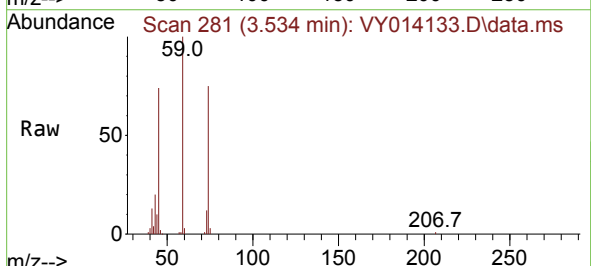
Instrument :
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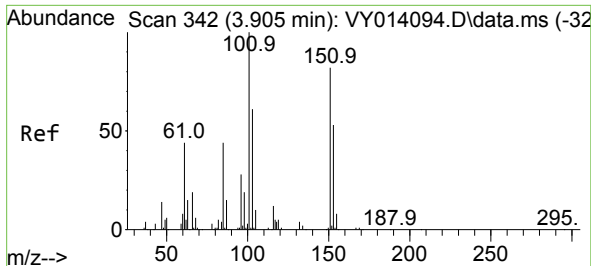
Tgt Ion:101 Resp: 98510
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.0



#8
Diethyl Ether
Concen: 19.594 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.001 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 74 Resp: 29038
Ion Ratio Lower Upper
74 100
45 106.2 51.5 154.5

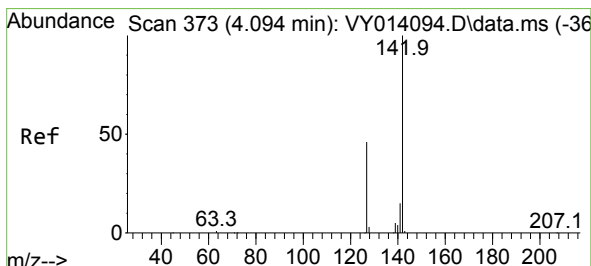
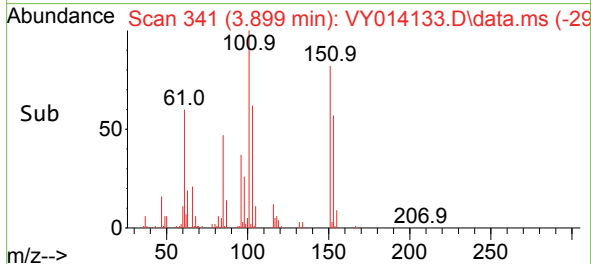
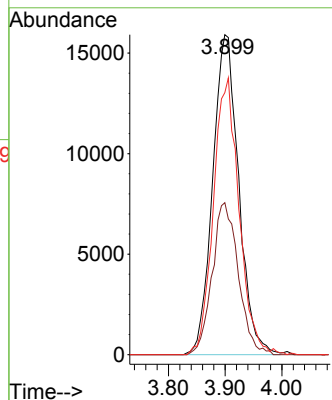
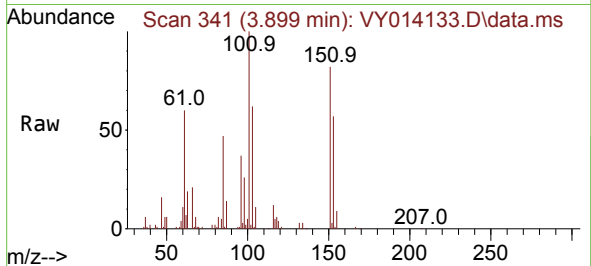




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.650 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014133.D
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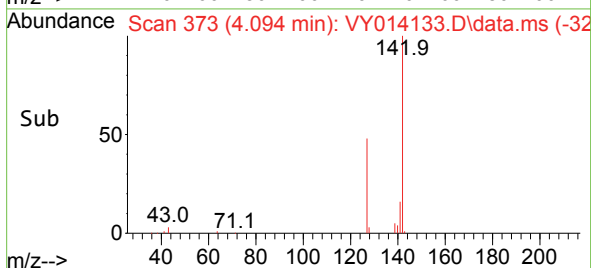
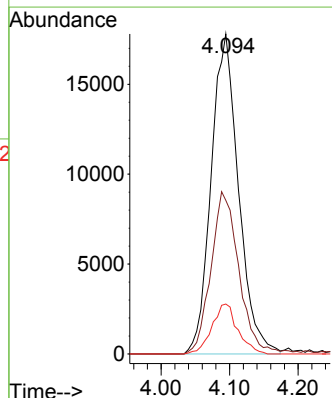
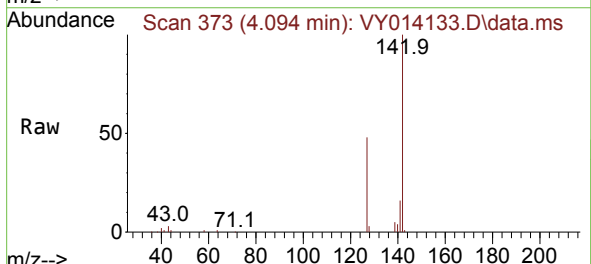
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

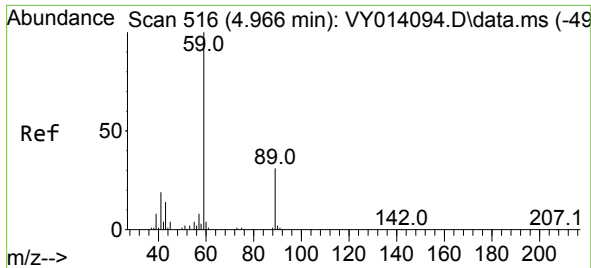
Tgt Ion:101 Resp: 50733
Ion Ratio Lower Upper
101 100
85 47.7 36.6 55.0
151 85.3 67.0 100.6



#10
Methyl Iodide
Concen: 16.709 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion:142 Resp: 49420
Ion Ratio Lower Upper
142 100
127 52.0 37.6 56.4
141 14.7 11.8 17.8

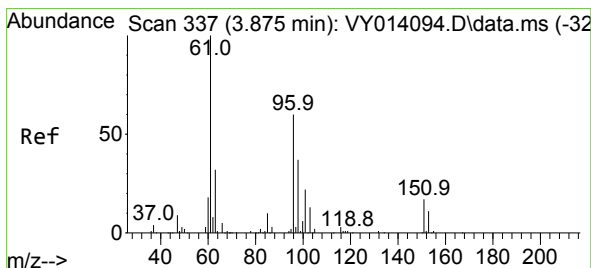
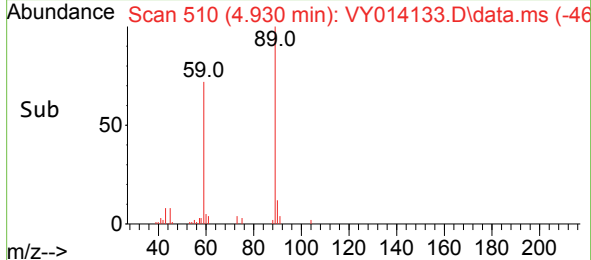
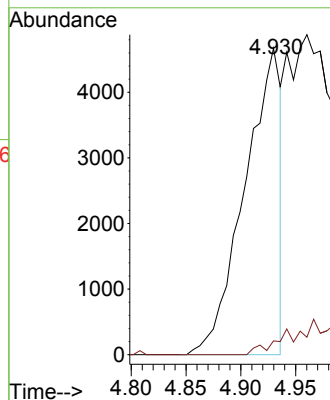
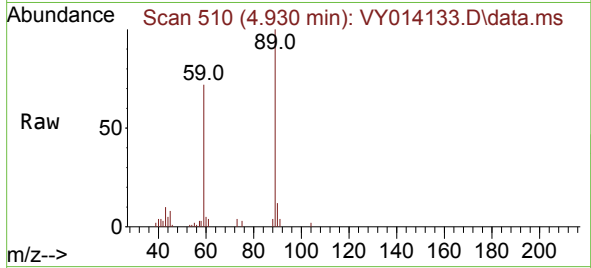




#11
Tert butyl alcohol
Concen: 14.125 ug/l
RT: 4.930 min Scan# 516
Delta R.T. -0.036 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

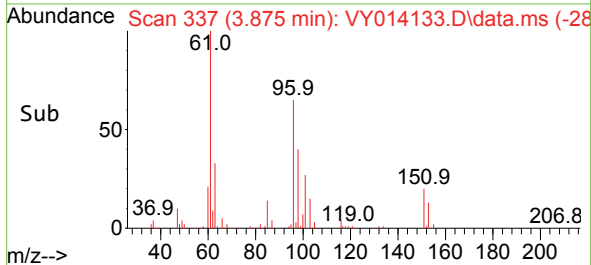
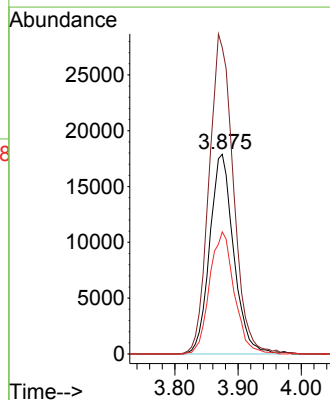
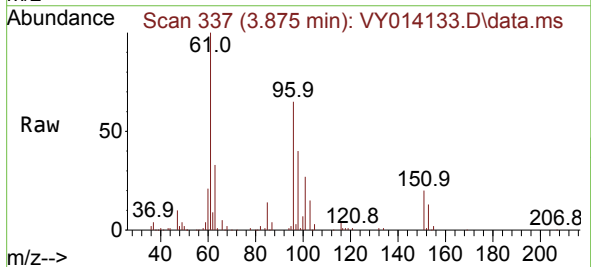
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

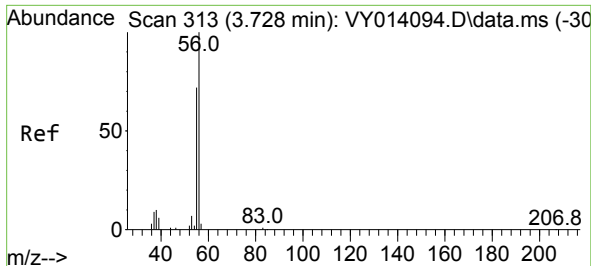
Tgt Ion: 59 Resp: 10725
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.759 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 96 Resp: 47130
Ion Ratio Lower Upper
96 100
61 153.4 136.4 204.6
98 61.1 49.4 74.2

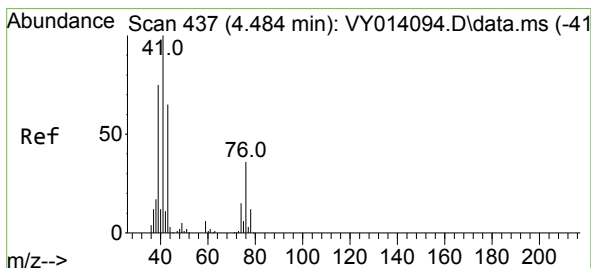
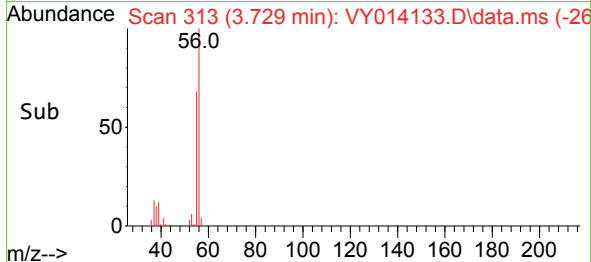
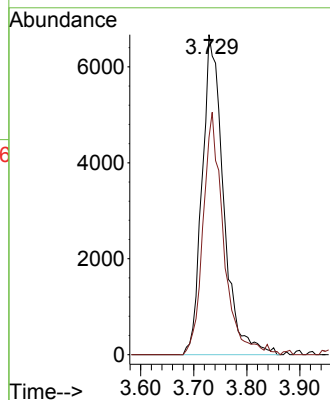
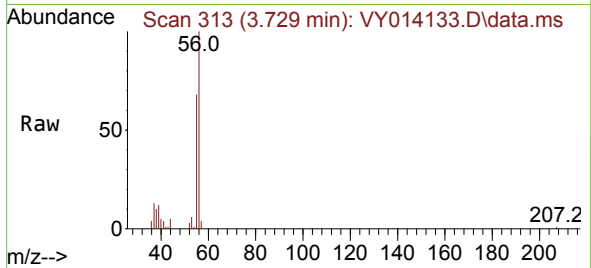




#13
Acrolein
Concen: 129.910 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

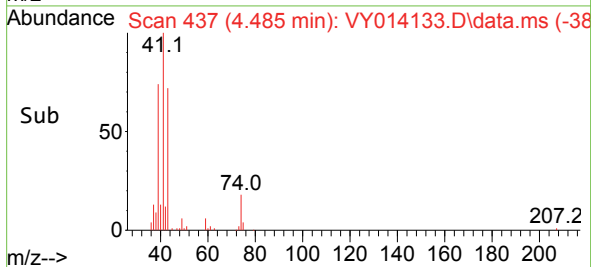
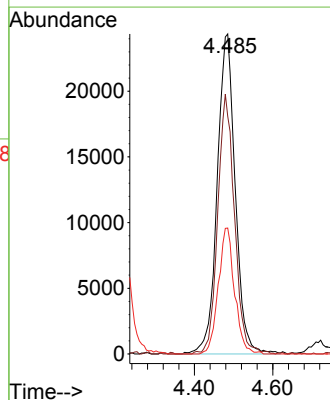
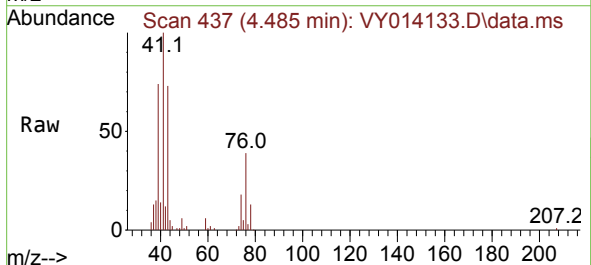
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

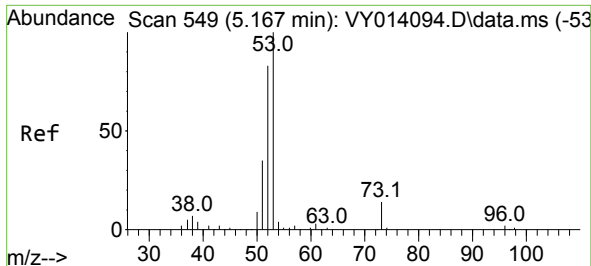
Tgt Ion: 56 Resp: 18703
Ion Ratio Lower Upper
56 100
55 71.7 57.0 85.4



#14
Allyl chloride
Concen: 18.947 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.001 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 41 Resp: 77973
Ion Ratio Lower Upper
41 100
39 75.3 58.0 87.0
76 35.5 27.4 41.2

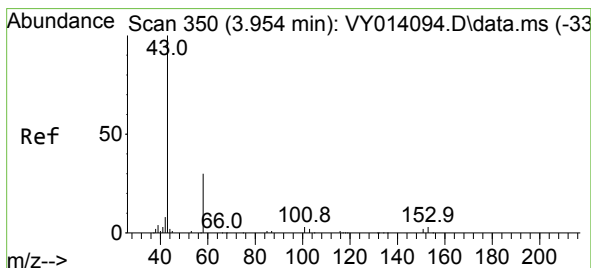
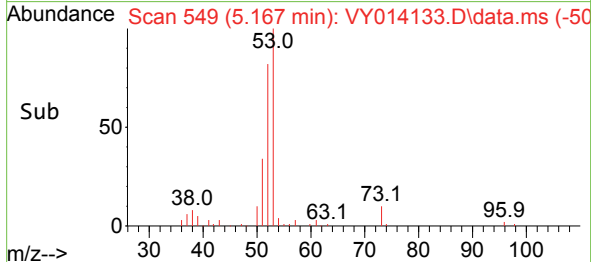
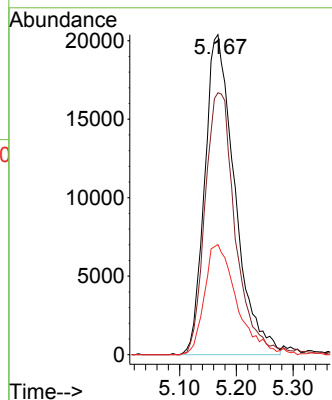
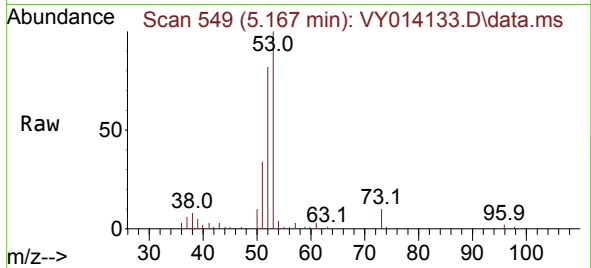




#15
Acrylonitrile
Concen: 98.216 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

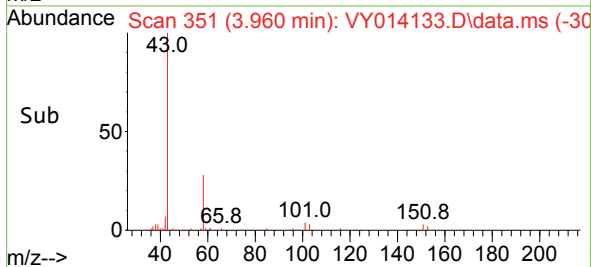
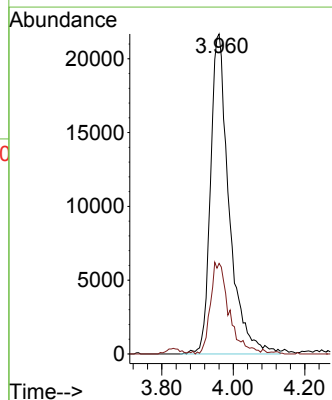
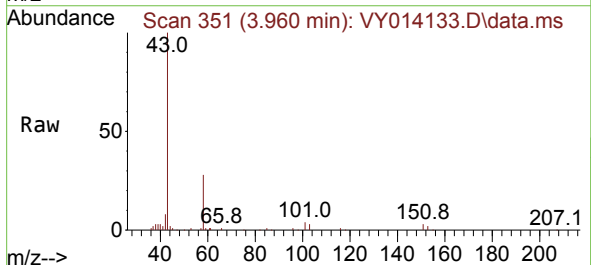
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

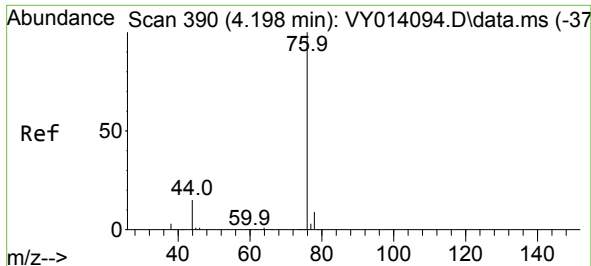
Tgt Ion: 53	Resp:	75076
Ion	Ratio	Lower Upper
53	100	
52	82.4	66.9 100.3
51	36.7	29.8 44.6



#16
Acetone
Concen: 93.919 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 43	Resp:	78388
Ion	Ratio	Lower Upper
43	100	
58	28.0	22.7 34.1

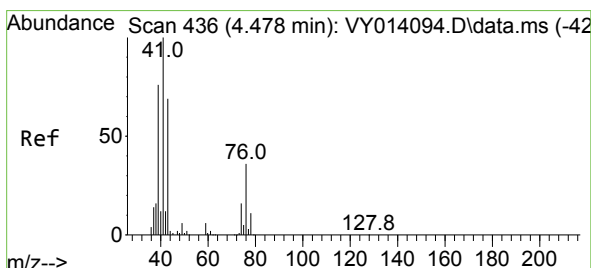
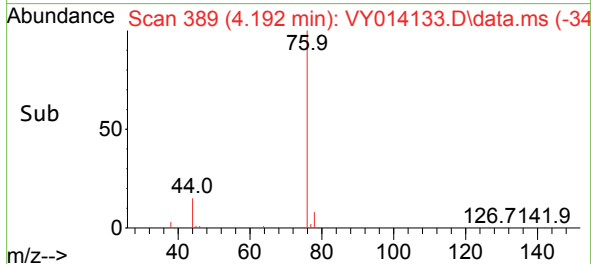
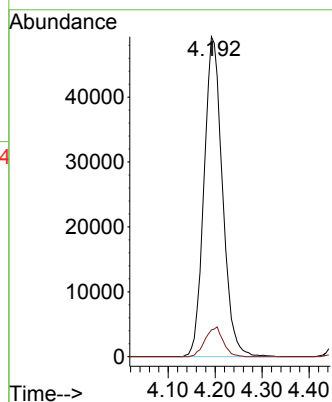
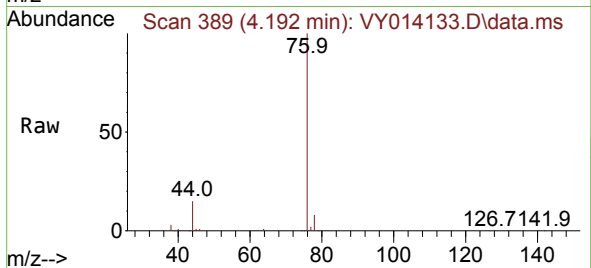




#17
Carbon Disulfide
Concen: 18.241 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

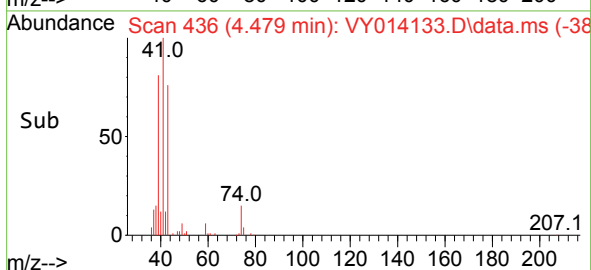
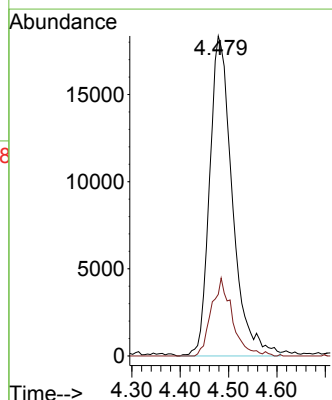
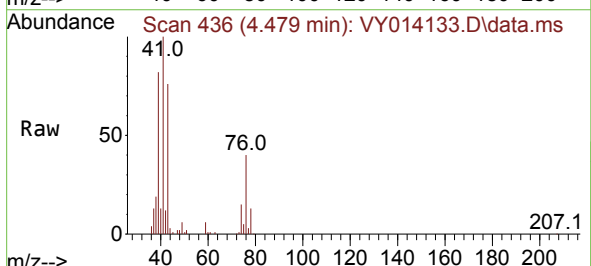
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

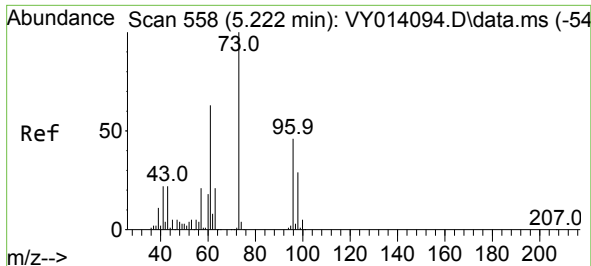
Tgt Ion: 76 Resp: 134198
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#18
Methyl Acetate
Concen: 18.546 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 43 Resp: 60081
Ion Ratio Lower Upper
43 100
74 22.2 17.4 26.0

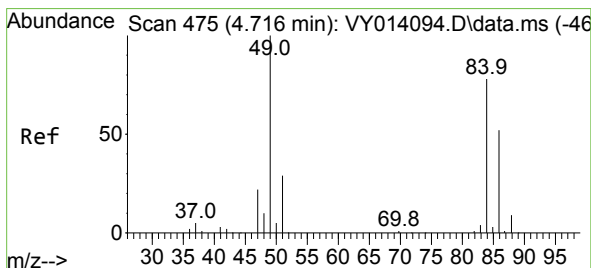
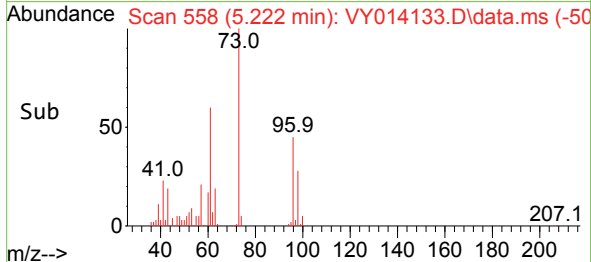
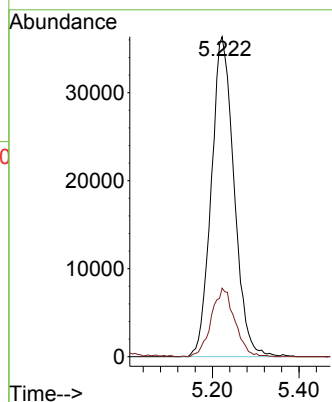
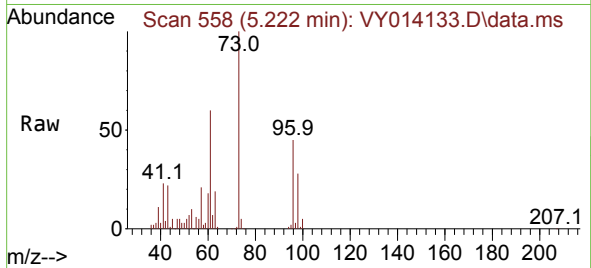




#19
Methyl tert-butyl Ether
Concen: 19.802 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

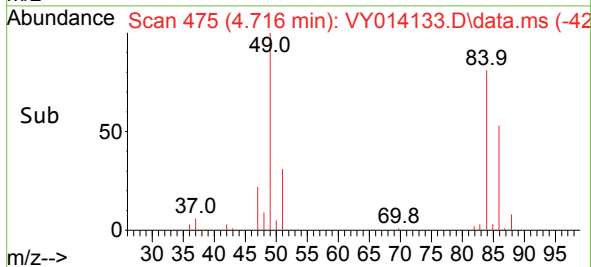
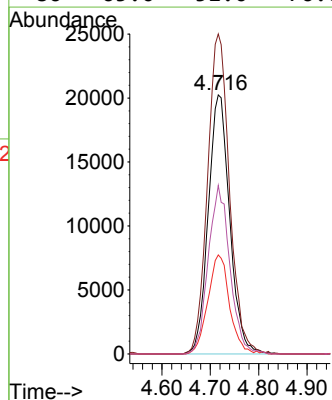
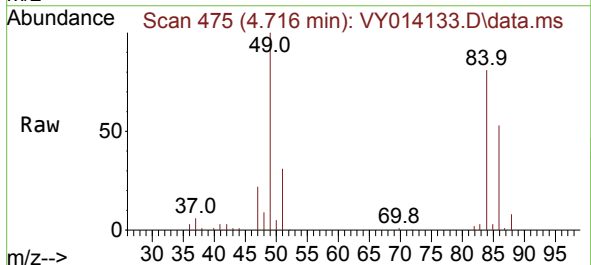
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

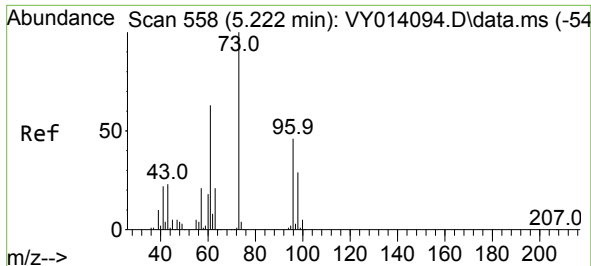
Tgt Ion: 73 Resp: 132592
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 21.393 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 84 Resp: 62470
Ion Ratio Lower Upper
84 100
49 123.6 106.9 160.3
51 38.2 33.2 49.8
86 65.0 51.0 76.6

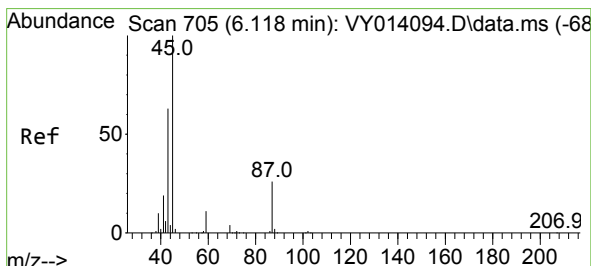
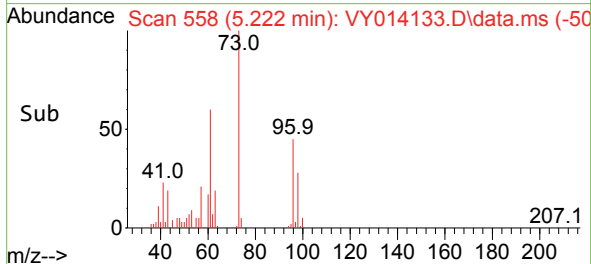
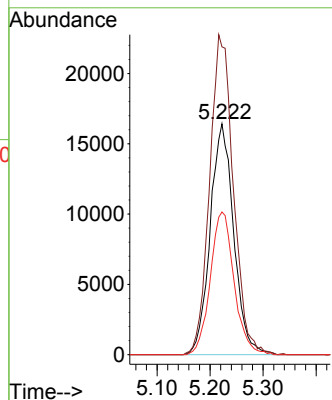
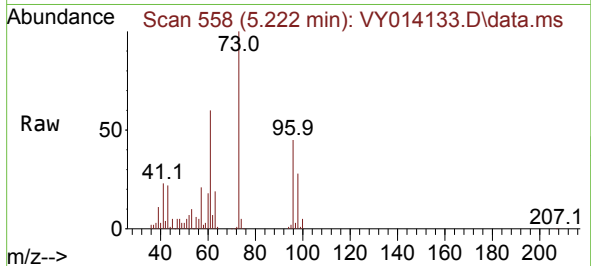




#21
trans-1,2-Dichloroethene
Concen: 20.006 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

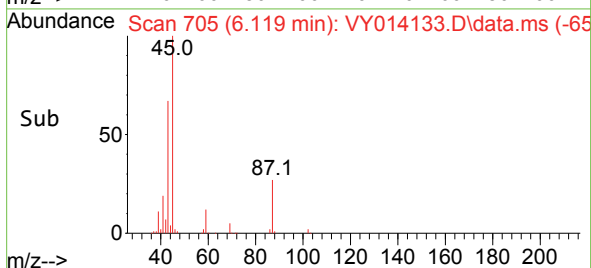
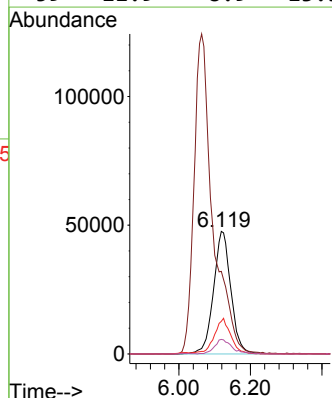
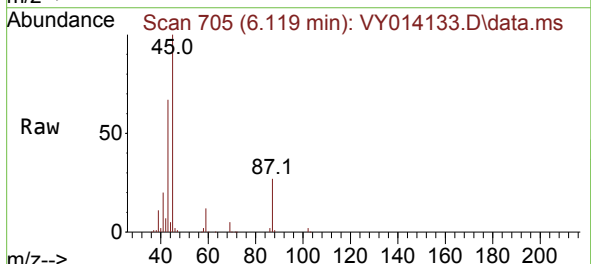
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

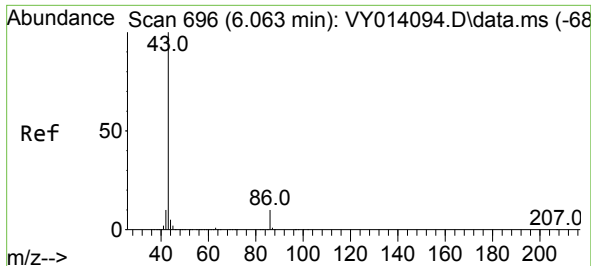
Tgt Ion: 96 Resp: 50659
Ion Ratio Lower Upper
96 100
61 133.4 110.2 165.4
98 61.8 51.8 77.6



#22
Diisopropyl ether
Concen: 20.308 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 45 Resp: 160013
Ion Ratio Lower Upper
45 100
43 66.9 52.2 78.4
87 26.6 21.0 31.6
59 11.9 8.9 13.3

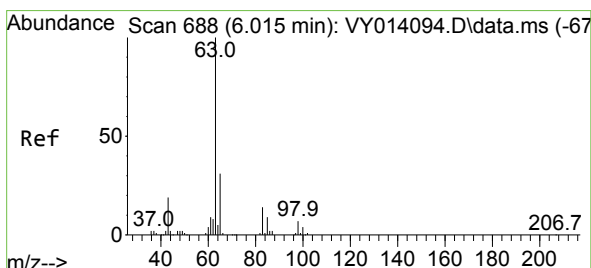
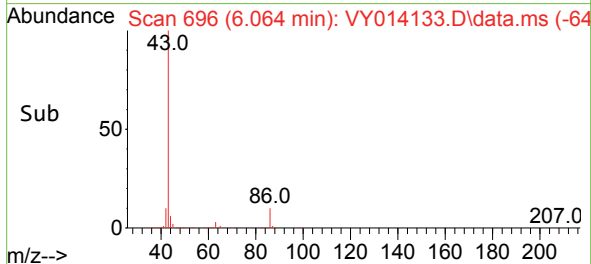
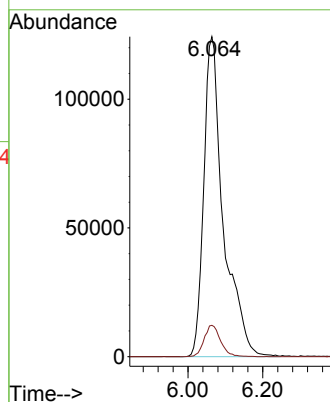
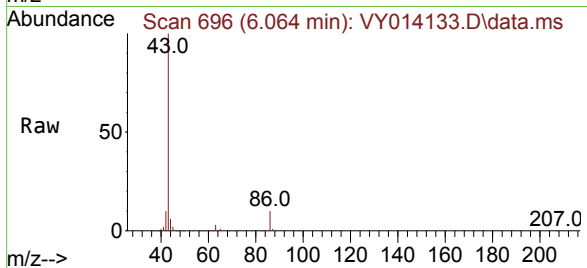




#23
 Vinyl Acetate
 Concen: 97.352 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014133.D
 Acq: 13 Jun 2023 12:18

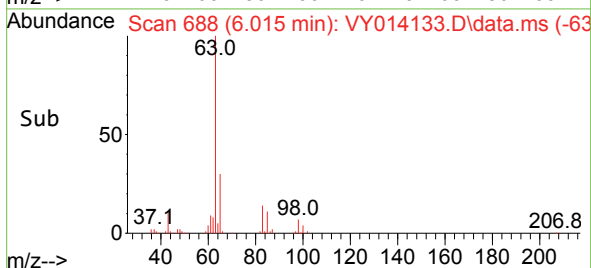
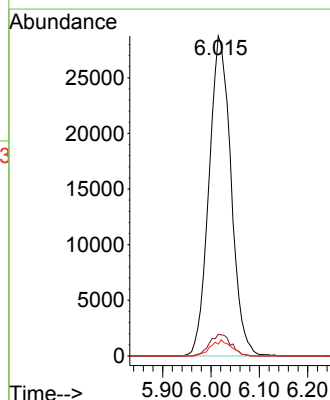
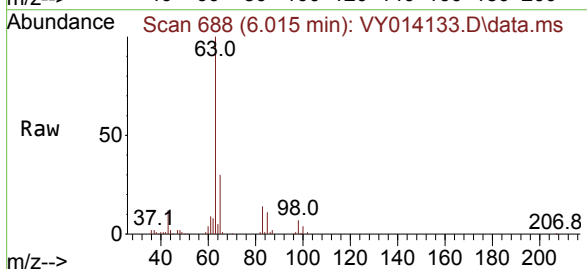
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBS01

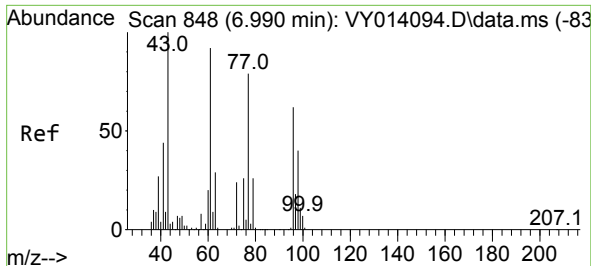
Tgt Ion: 43 Resp: 452592
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.028 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014133.D
 Acq: 13 Jun 2023 12:18

Tgt Ion: 63 Resp: 90988
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.4
 100 3.7 1.8 5.5

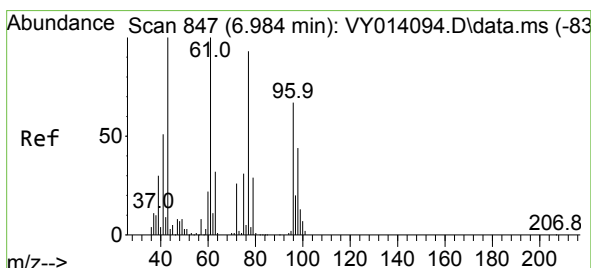
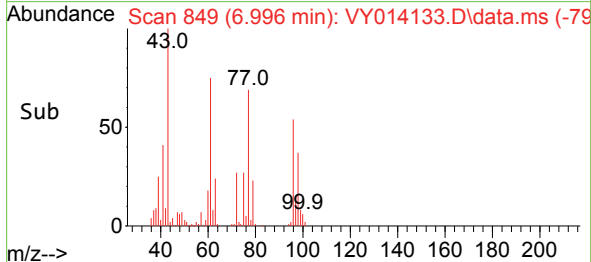
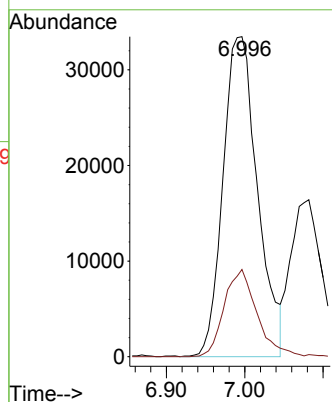
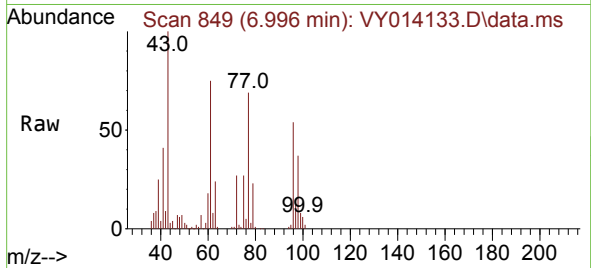




#25
2-Butanone
Concen: 100.010 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

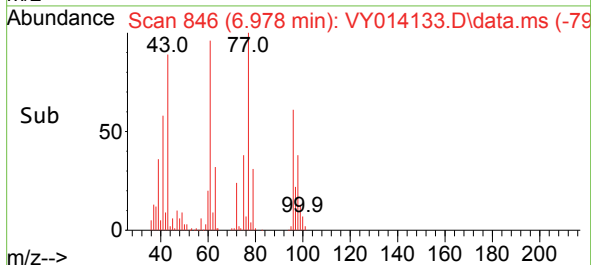
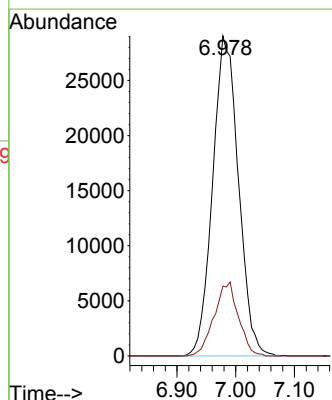
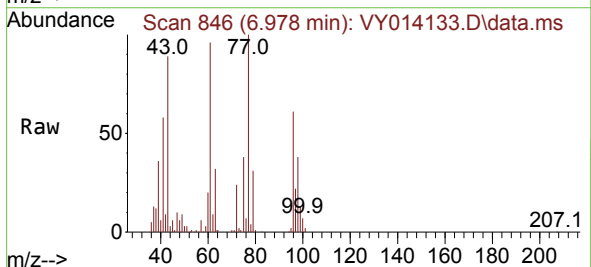
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

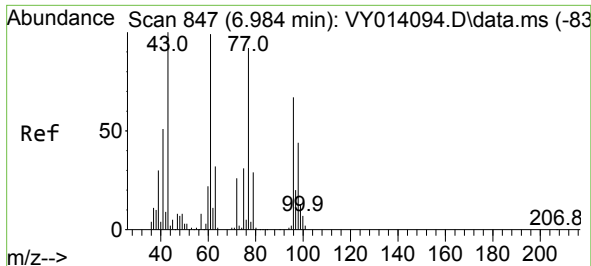
Tgt Ion: 43 Resp: 102751
Ion Ratio Lower Upper
43 100
72 27.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.730 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 77 Resp: 88453
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.921 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

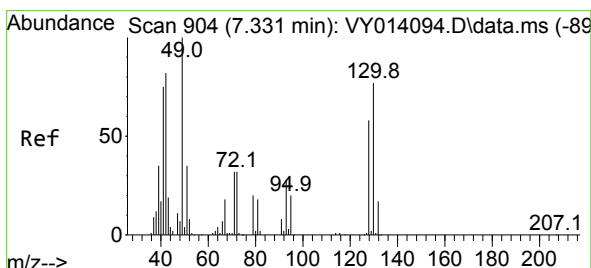
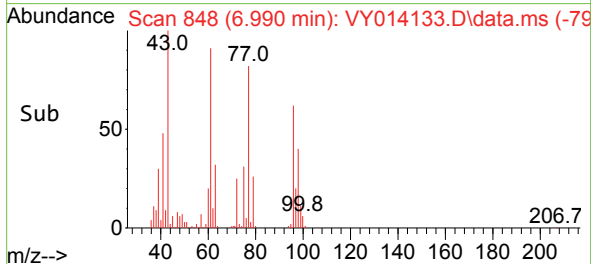
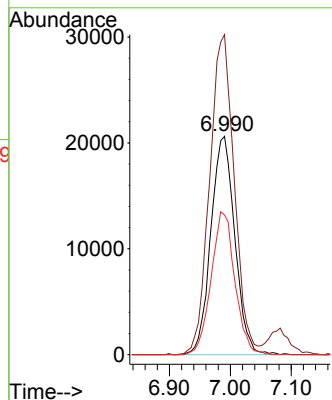
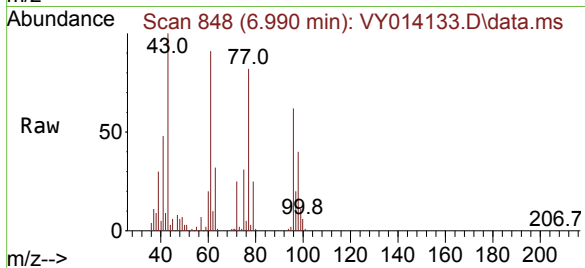
Tgt Ion: 96 Resp: 56429

Ion Ratio Lower Upper

96 100

61 149.9 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 20.401 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

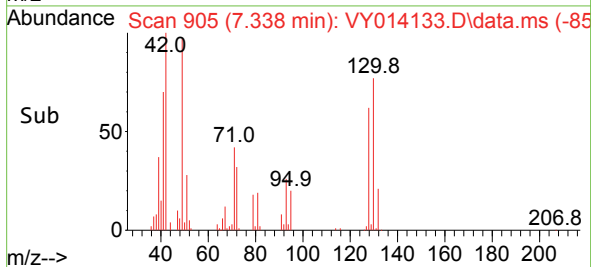
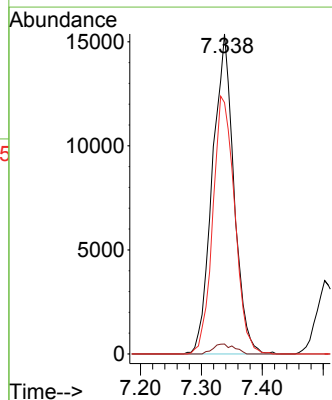
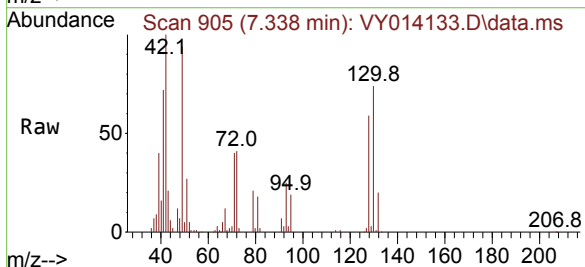
Tgt Ion: 49 Resp: 37691

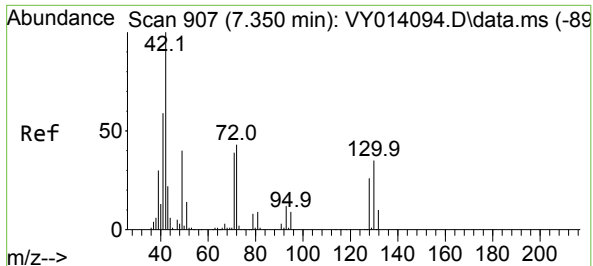
Ion Ratio Lower Upper

49 100

129 3.1 0.0 4.6

130 82.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 98.760 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

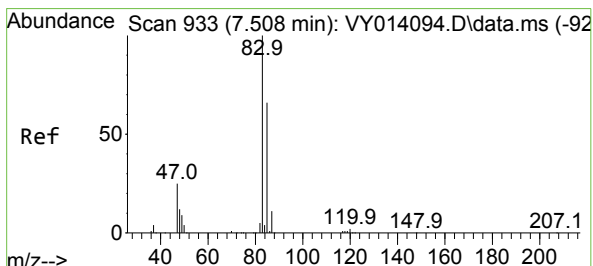
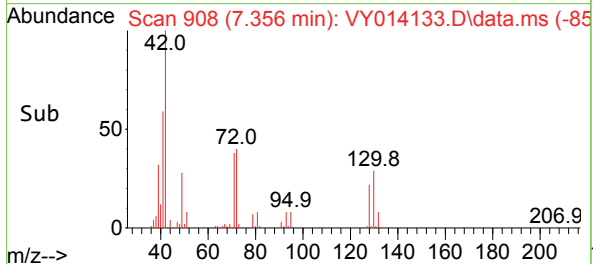
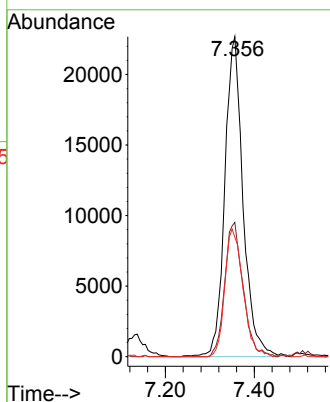
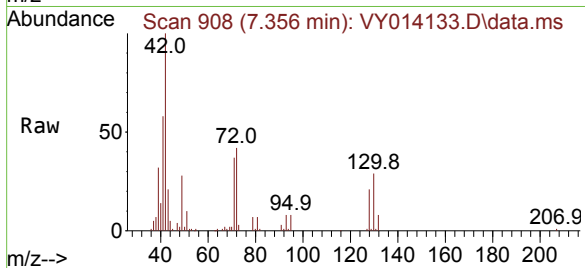
Tgt Ion: 42 Resp: 64341

Ion Ratio Lower Upper

42 100

72 42.2 32.8 49.2

71 40.1 31.0 46.4



#30

Chloroform

Concen: 20.834 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY014133.D

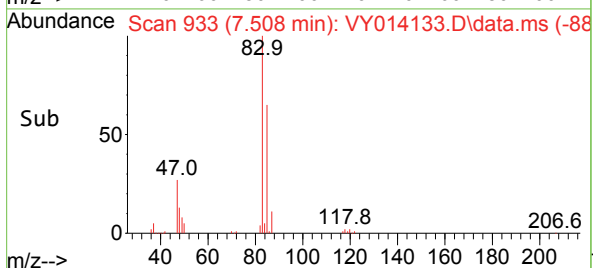
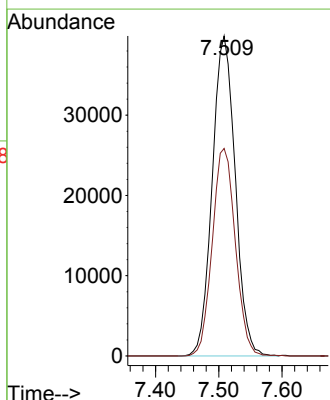
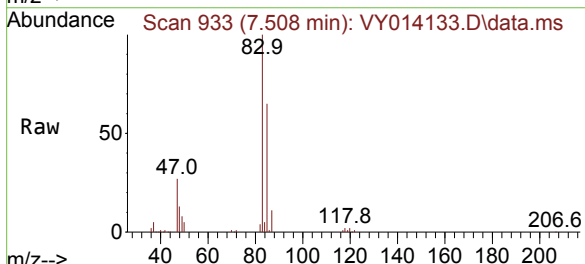
Acq: 13 Jun 2023 12:18

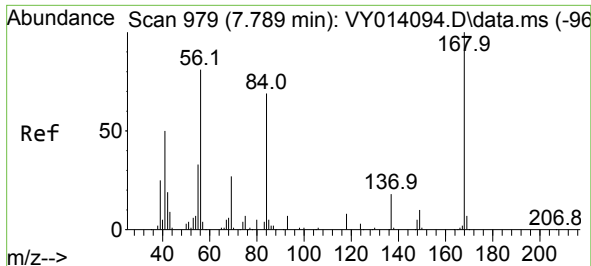
Tgt Ion: 83 Resp: 100415

Ion Ratio Lower Upper

83 100

85 64.8 49.7 74.5

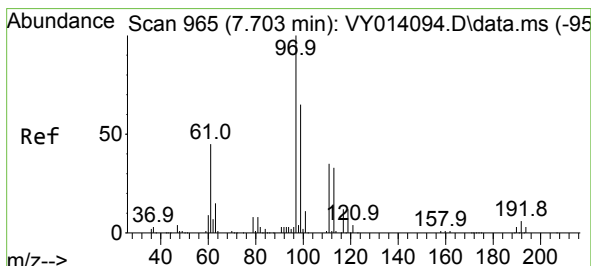
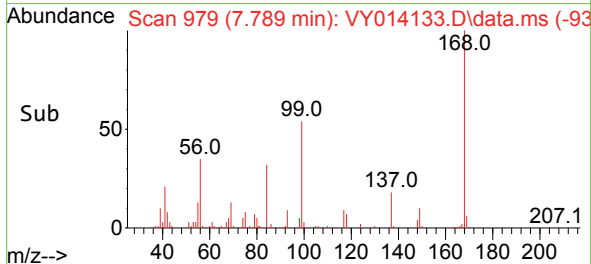
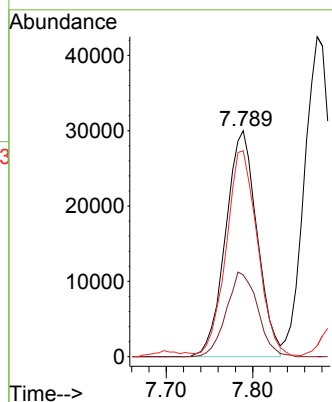
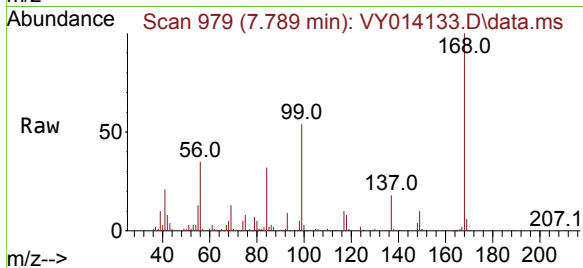




#31
Cyclohexane
Concen: 20.422 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

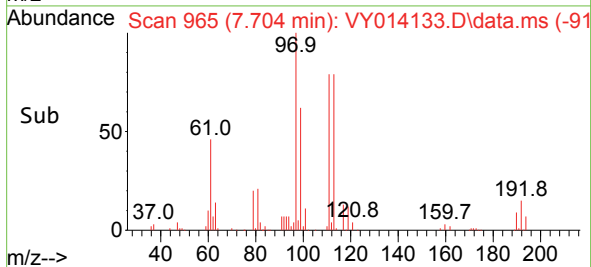
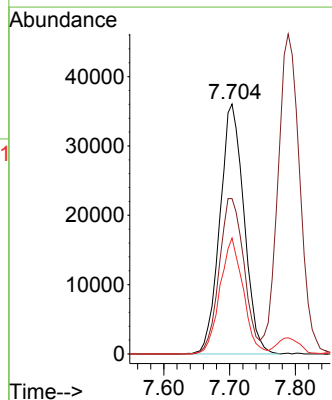
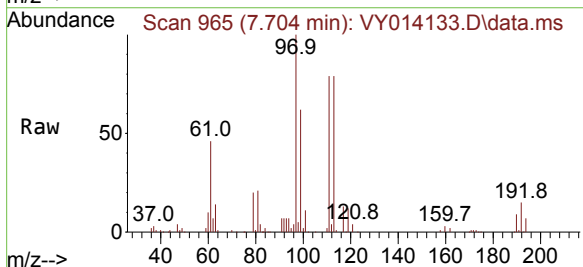
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

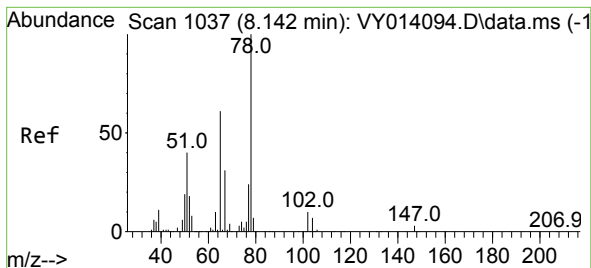
Tgt Ion: 56 Resp: 75750
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.6
84 89.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.172 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 97 Resp: 92033
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 44.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.888 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

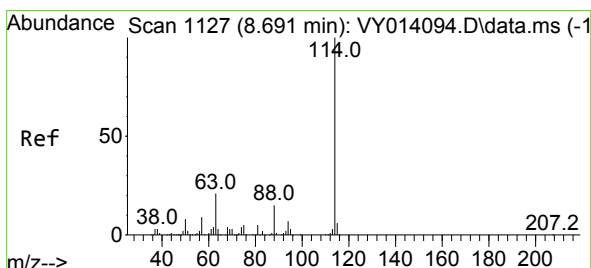
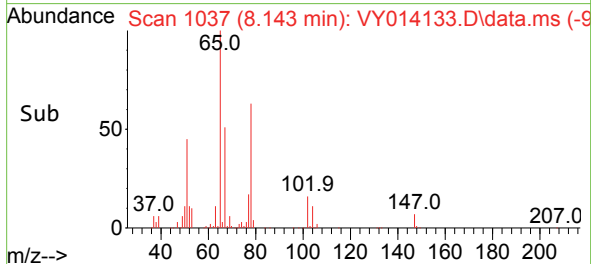
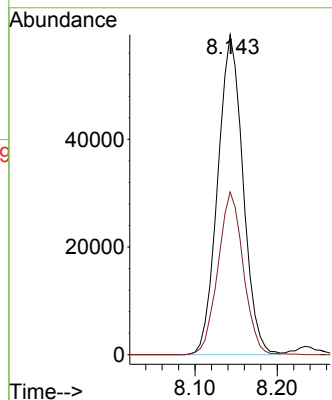
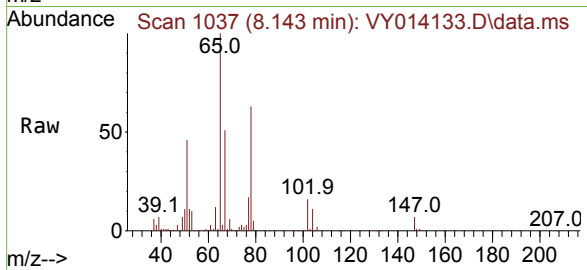
VY0613SBS01

Tgt Ion: 65 Resp: 127061

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

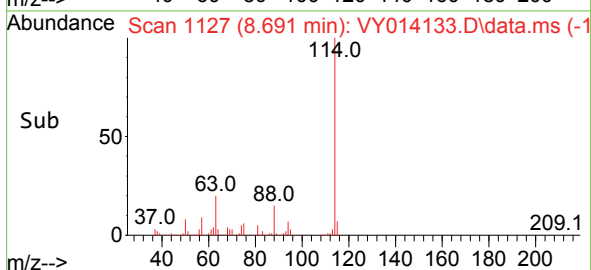
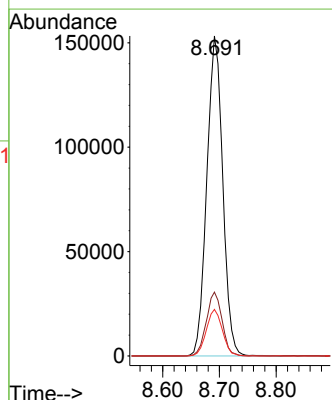
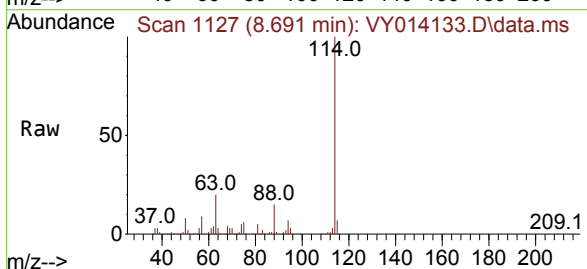
Tgt Ion: 114 Resp: 298914

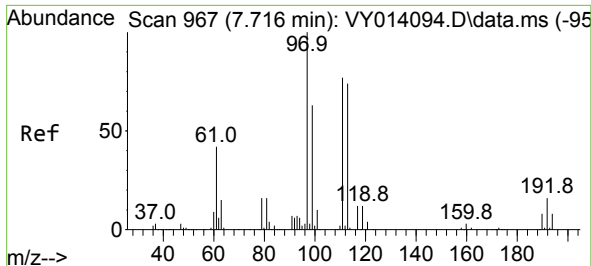
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 14.6 0.0 30.6

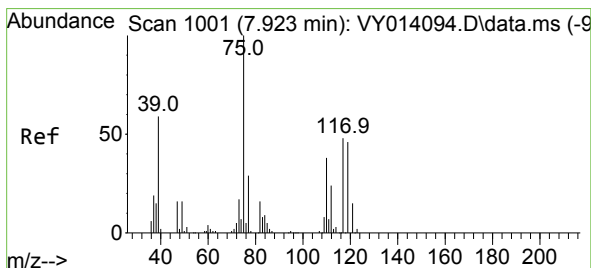
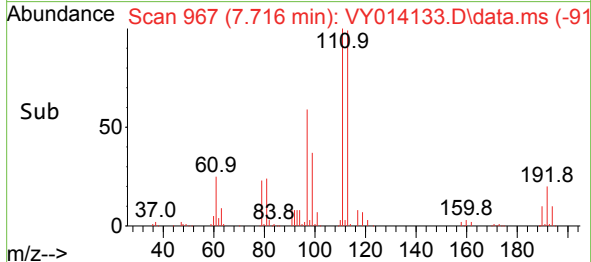
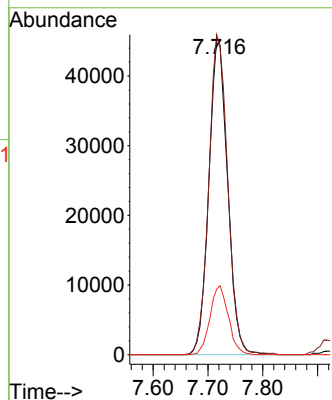
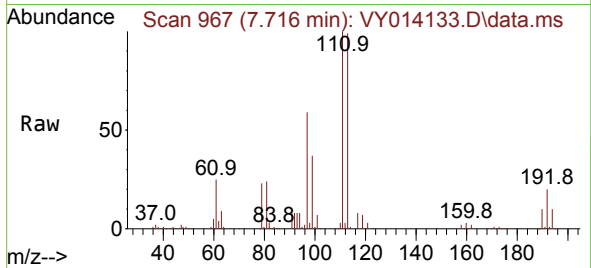




#35
Dibromofluoromethane
Concen: 50.717 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

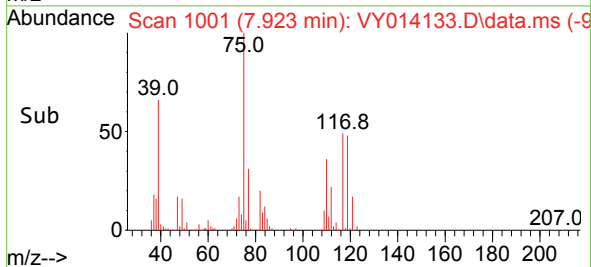
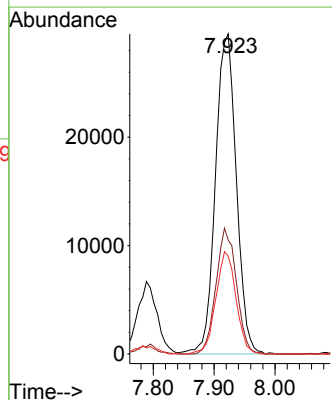
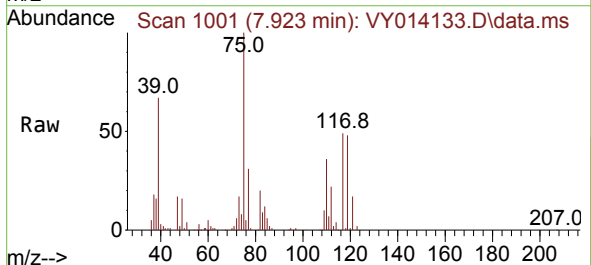
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

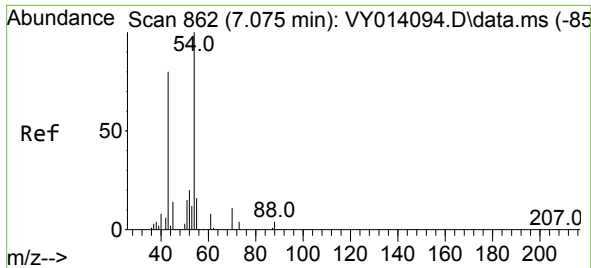
Tgt Ion:113 Resp: 107512
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 21.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.290 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 75 Resp: 70361
Ion Ratio Lower Upper
75 100
110 38.3 17.8 53.5
77 30.9 24.4 36.6

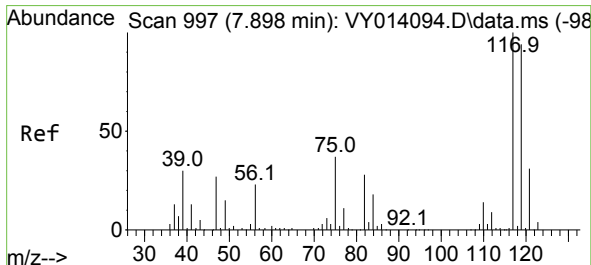
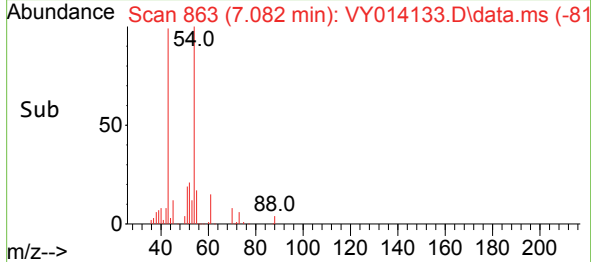
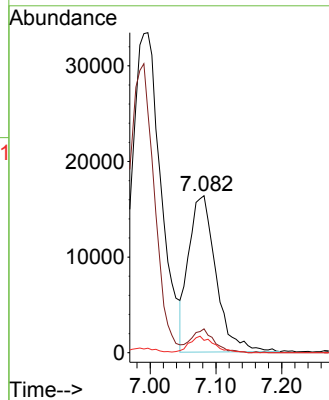
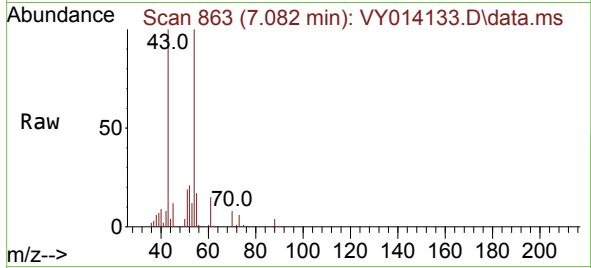




#37
Ethyl Acetate
Concen: 20.656 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.007 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

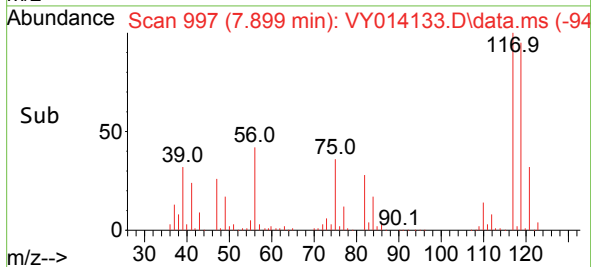
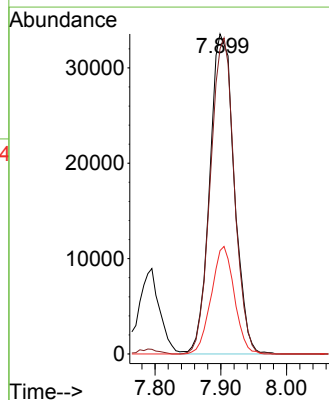
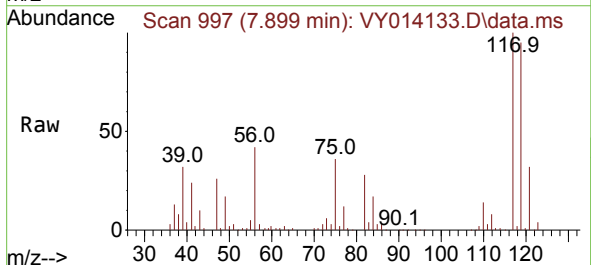
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

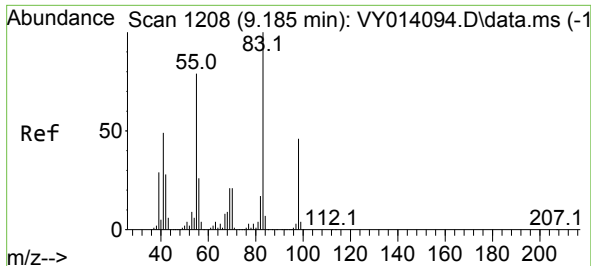
Tgt Ion: 43 Resp: 47101
Ion Ratio Lower Upper
43 100
61 13.0 10.1 15.1
70 9.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 22.772 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 117 Resp: 86845
Ion Ratio Lower Upper
117 100
119 95.4 76.4 114.6
121 32.3 25.8 38.6





#39

Methylcyclohexane

Concen: 21.664 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

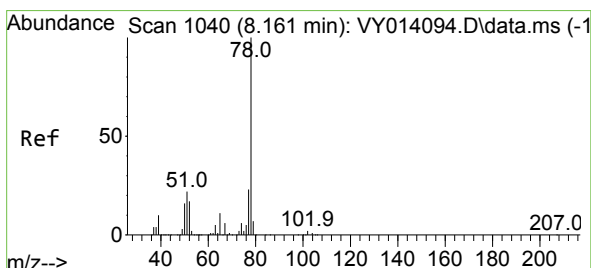
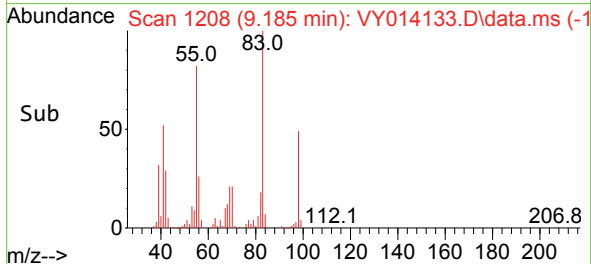
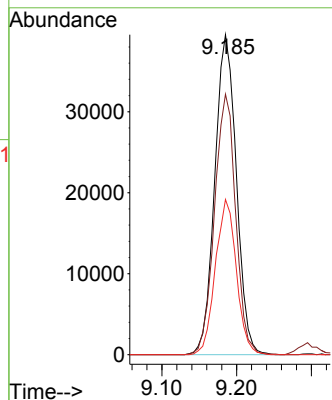
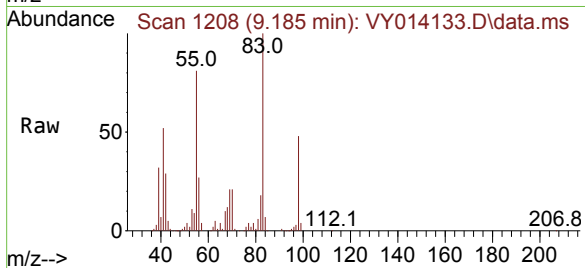
Tgt Ion: 83 Resp: 79436

Ion Ratio Lower Upper

83 100

55 81.4 63.0 94.4

98 48.5 37.4 56.2



#40

Benzene

Concen: 20.871 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014133.D

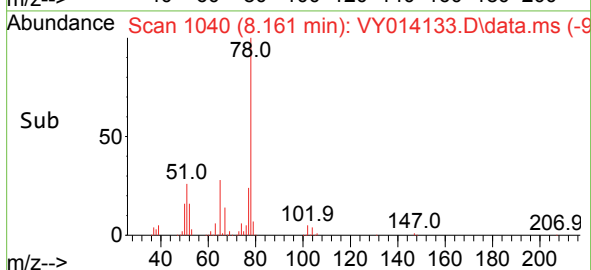
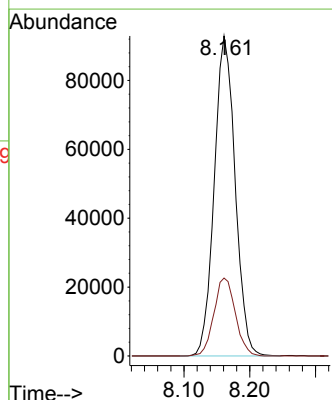
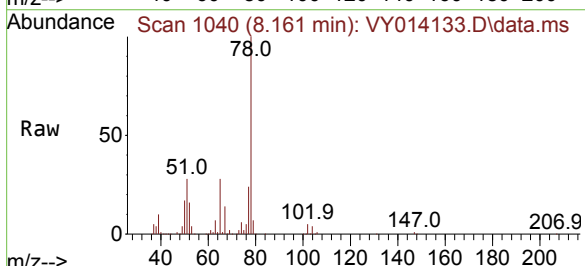
Acq: 13 Jun 2023 12:18

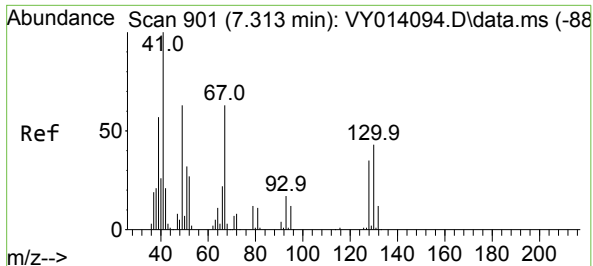
Tgt Ion: 78 Resp: 205108

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

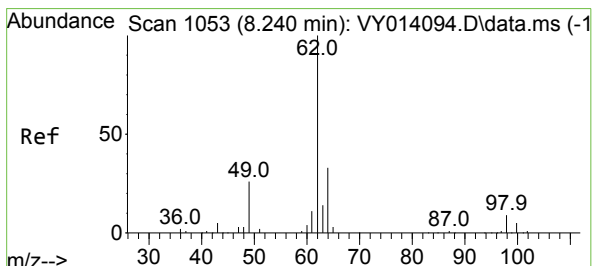
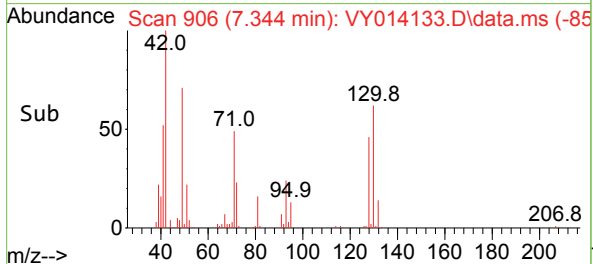
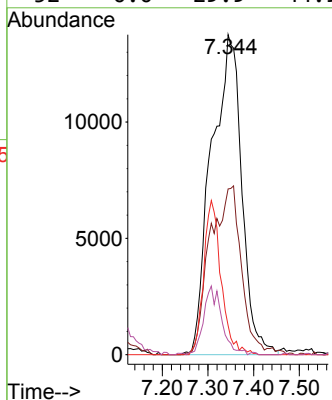
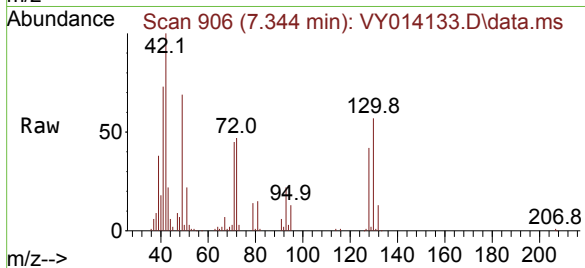




#41
Methacrylonitrile
Concen: 54.307 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

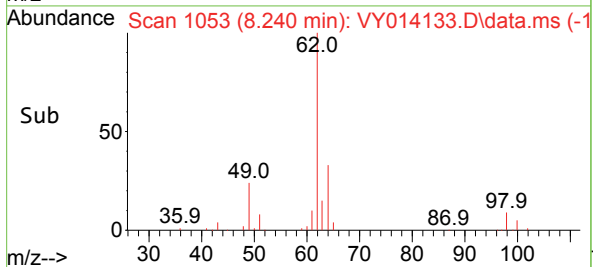
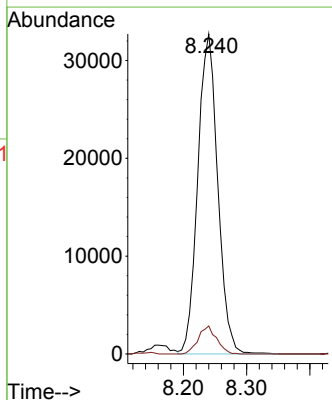
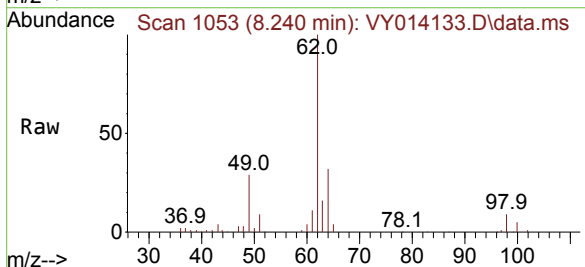
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

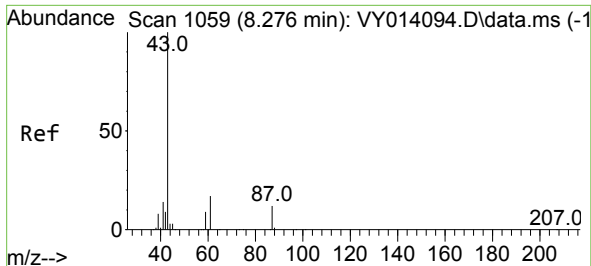
Tgt Ion: 41 Resp: 63200
Ion Ratio Lower Upper
41 100
39 54.2 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.692 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 62 Resp: 71908
Ion Ratio Lower Upper
62 100
98 8.0 0.0 15.8

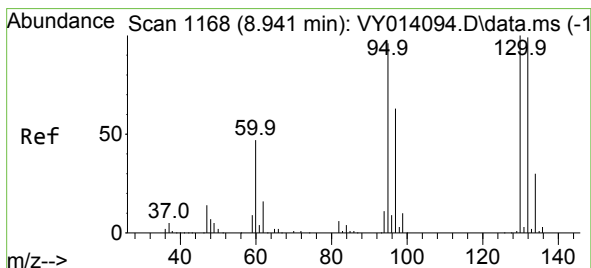
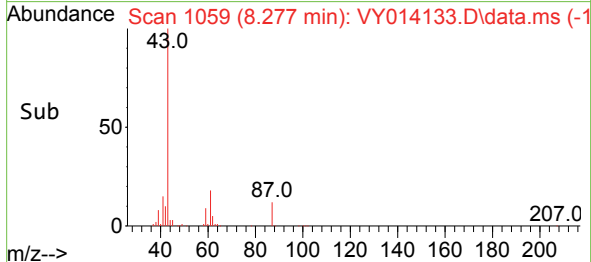
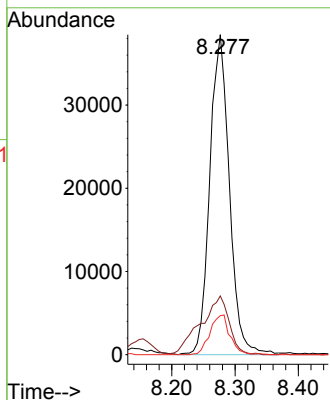
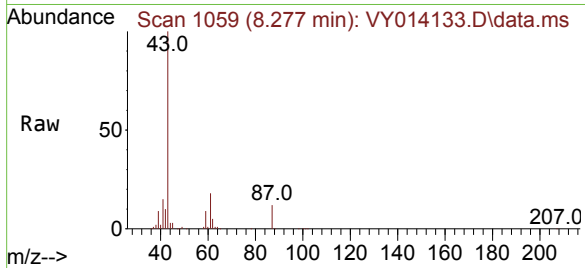




#43
Isopropyl Acetate
Concen: 20.703 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

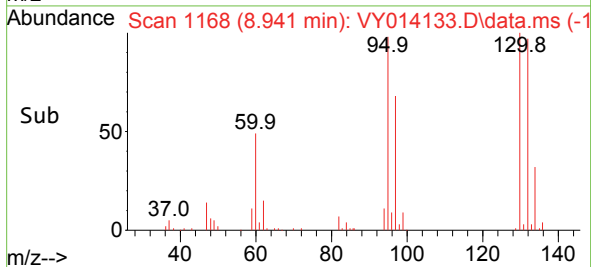
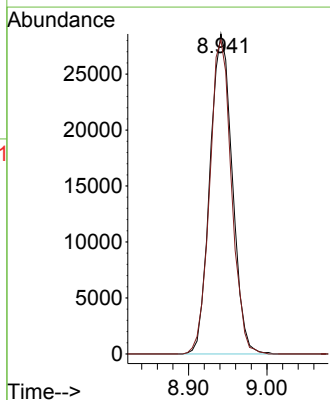
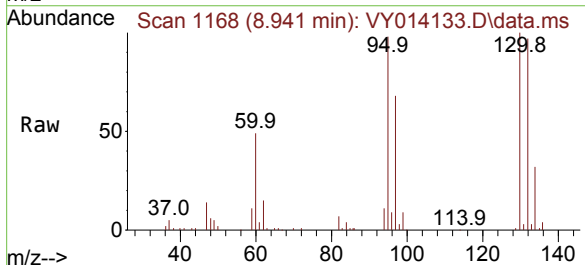
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

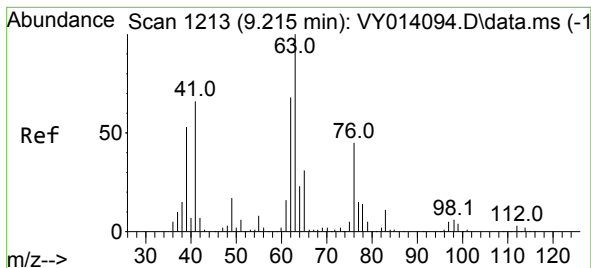
Tgt Ion: 43 Resp: 82743
Ion Ratio Lower Upper
43 100
61 26.8 21.1 31.7
87 12.6 9.8 14.8



#44
Trichloroethene
Concen: 21.627 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 130 Resp: 56783
Ion Ratio Lower Upper
130 100
95 98.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.051 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

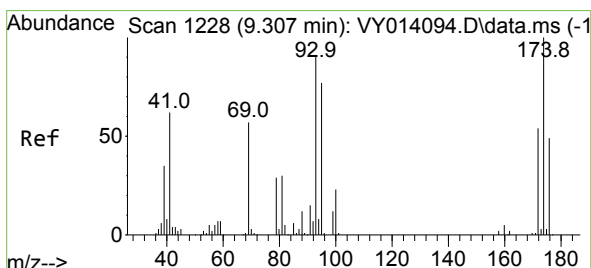
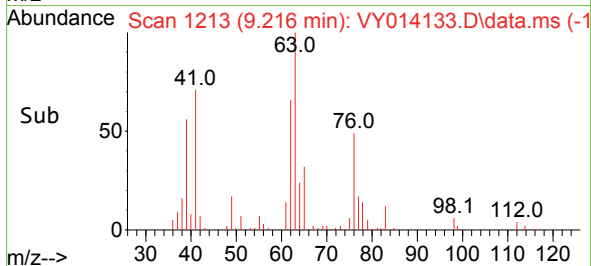
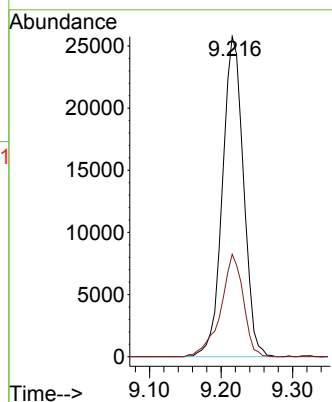
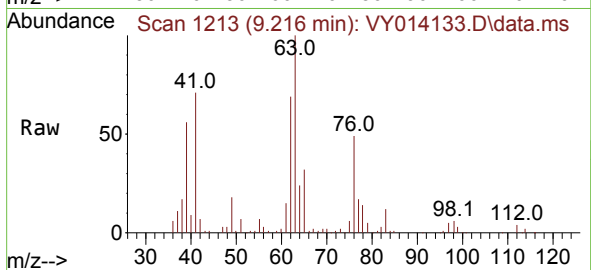
VY0613SBS01

Tgt Ion: 63 Resp: 52545

Ion Ratio Lower Upper

63 100

65 32.0 23.8 35.6



#46

Dibromomethane

Concen: 21.062 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

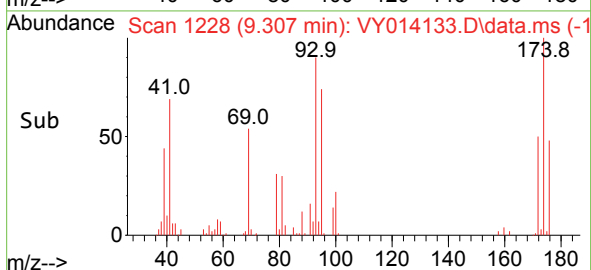
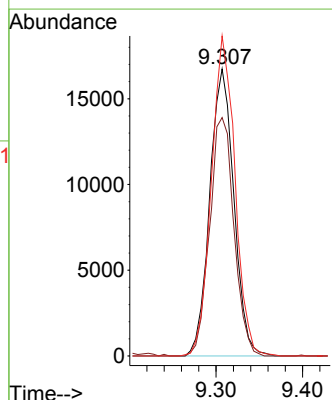
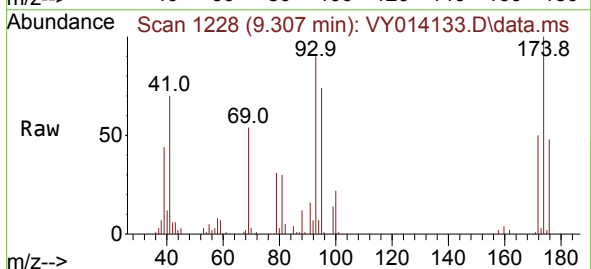
Tgt Ion: 93 Resp: 32362

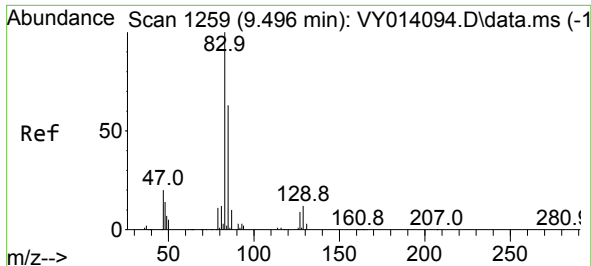
Ion Ratio Lower Upper

93 100

95 83.8 66.6 100.0

174 109.3 84.8 127.2

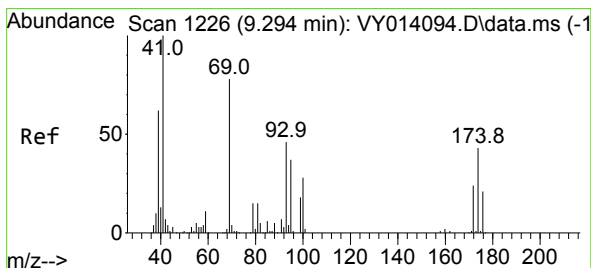
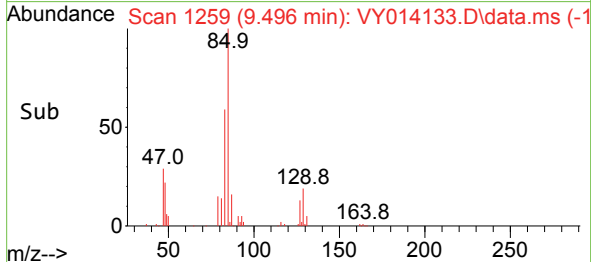
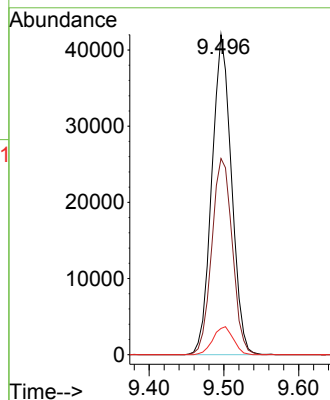
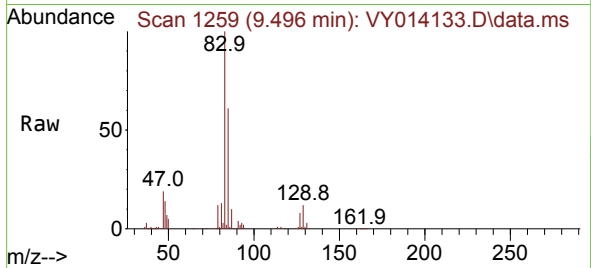




#47
Bromodichloromethane
Concen: 21.299 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

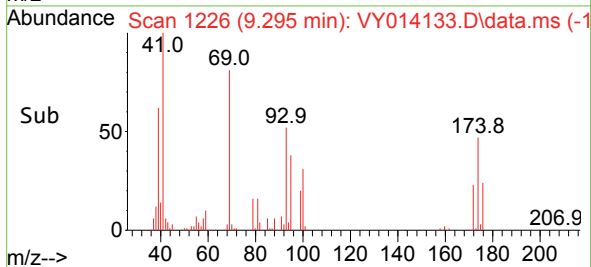
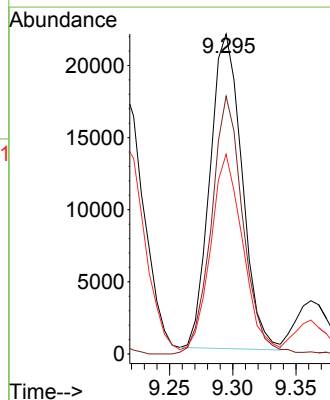
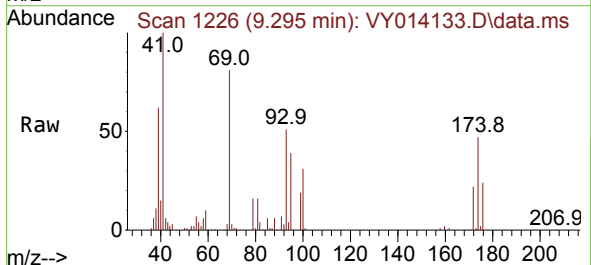
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

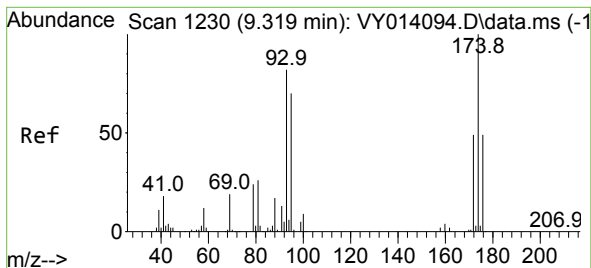
Tgt Ion: 83 Resp: 76627
Ion Ratio Lower Upper
83 100
85 61.3 50.1 75.1
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 20.637 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.001 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 41 Resp: 38470
Ion Ratio Lower Upper
41 100
69 80.4 64.5 96.7
39 61.5 50.8 76.2





#49

1,4-Dioxane

Concen: 432.808 ug/l

RT: 9.313 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

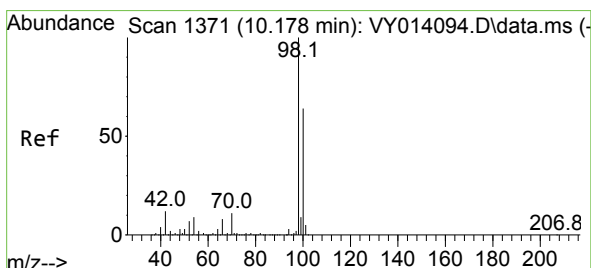
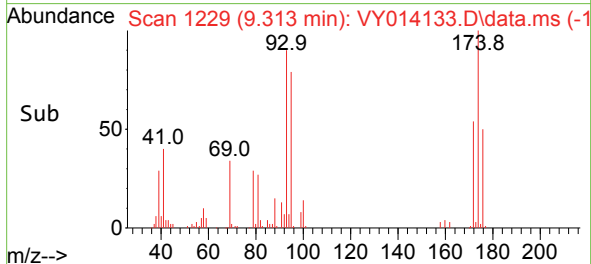
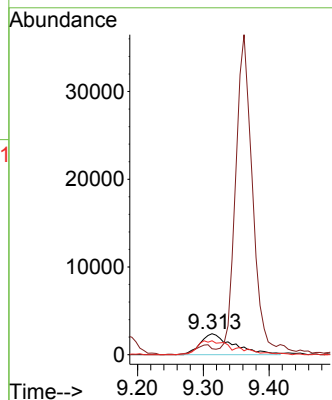
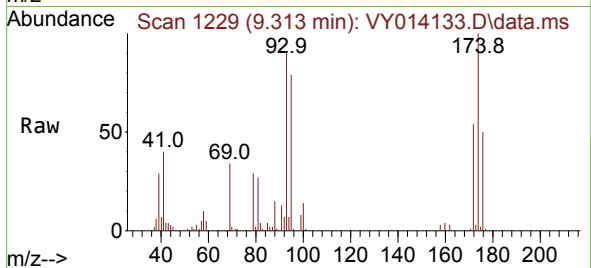
Tgt Ion: 88 Resp: 8450

Ion Ratio Lower Upper

88 100

43 26.0 0.0 0.0#

58 58.6 30.9 46.3#



#50

Toluene-d8

Concen: 47.888 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY014133.D

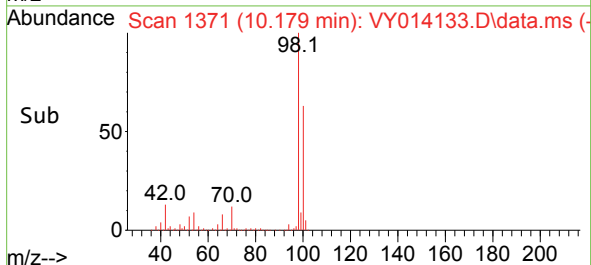
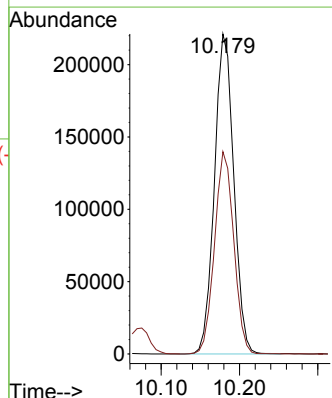
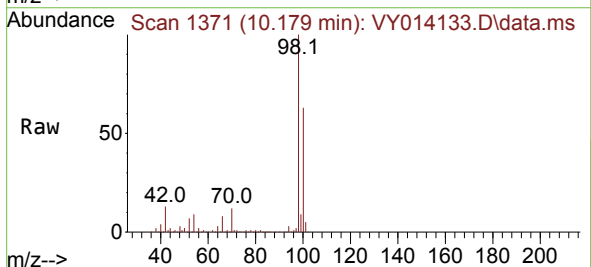
Acq: 13 Jun 2023 12:18

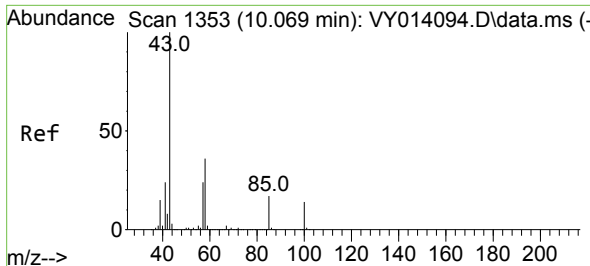
Tgt Ion: 98 Resp: 379522

Ion Ratio Lower Upper

98 100

100 63.0 50.1 75.1

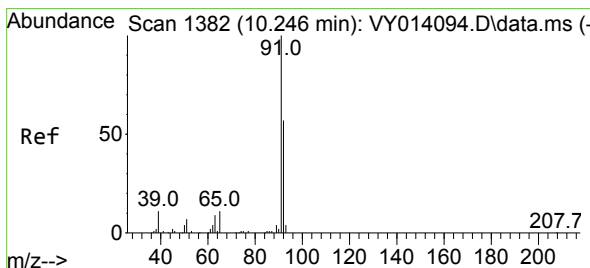
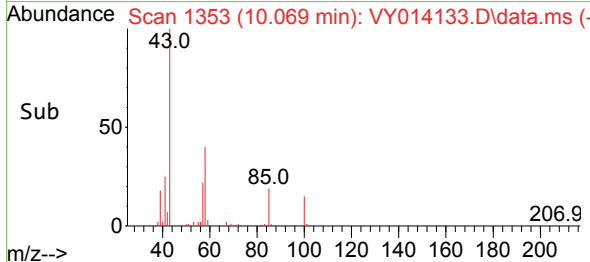
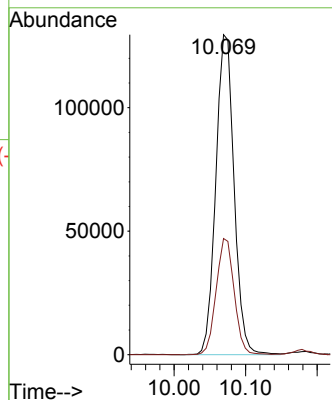
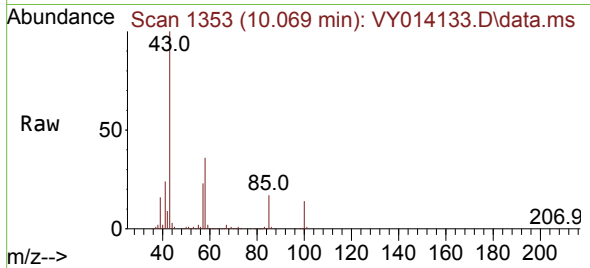




#51
4-Methyl-2-Pentanone
Concen: 105.887 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

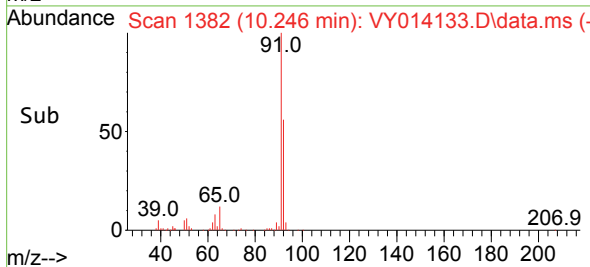
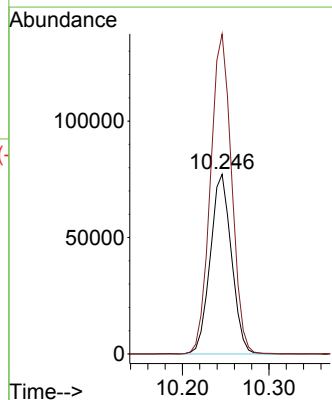
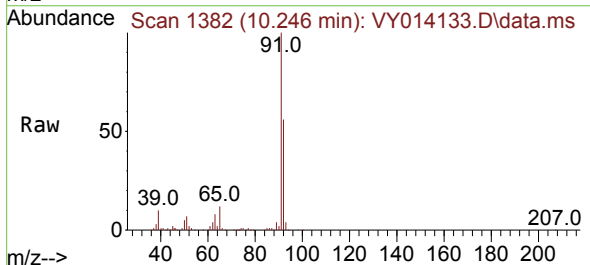
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

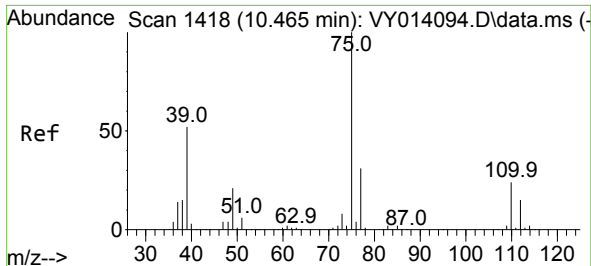
Tgt Ion: 43 Resp: 229914
Ion Ratio Lower Upper
43 100
58 35.8 29.0 43.6



#52
Toluene
Concen: 21.527 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 92 Resp: 131141
Ion Ratio Lower Upper
92 100
91 177.7 143.8 215.6

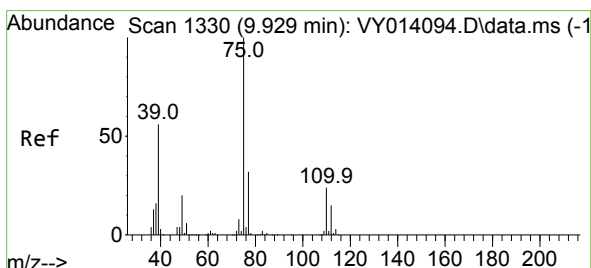
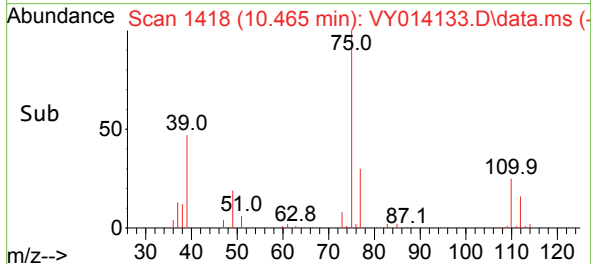
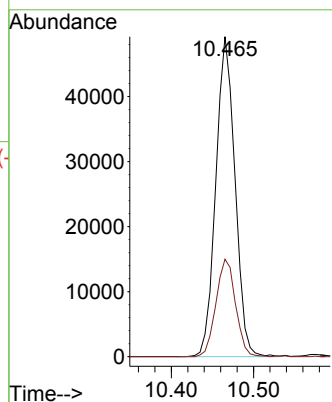
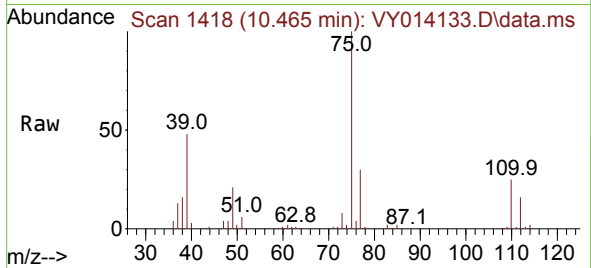




#53
t-1,3-Dichloropropene
Concen: 21.067 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

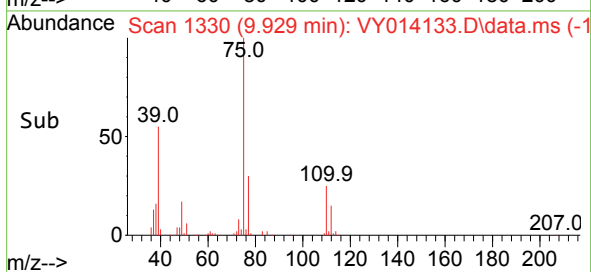
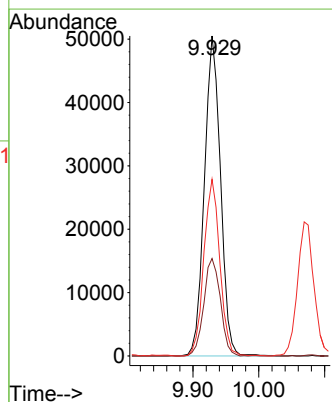
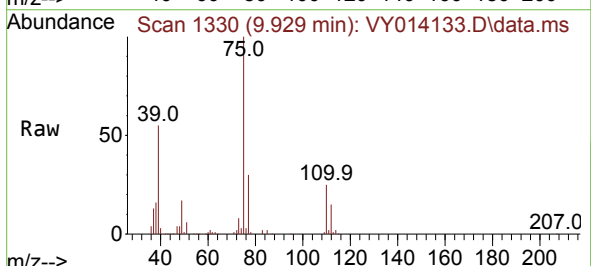
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

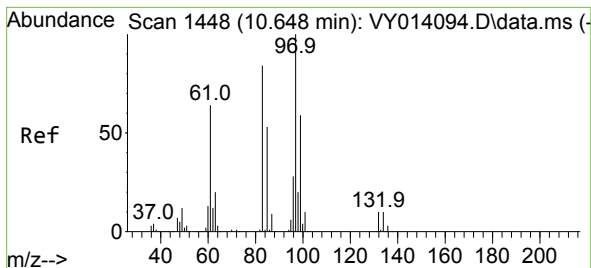
Tgt Ion: 75 Resp: 79787
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.822 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 75 Resp: 86040
Ion Ratio Lower Upper
75 100
77 30.4 24.2 36.4
39 55.2 42.2 63.4

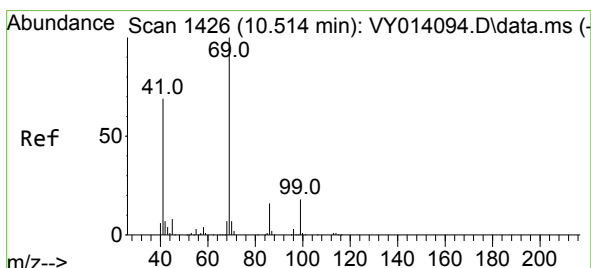
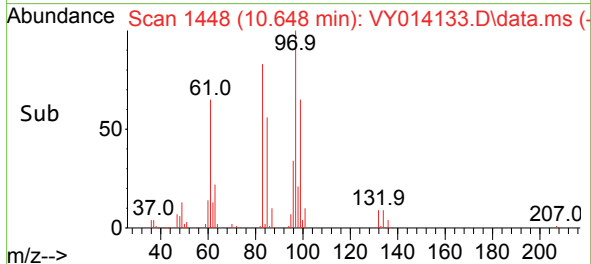
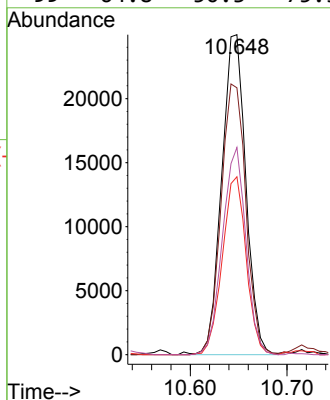
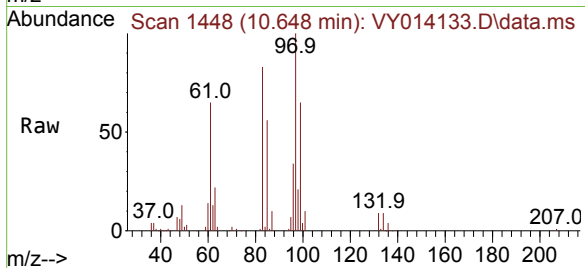




#55
1,1,2-Trichloroethane
Concen: 21.324 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

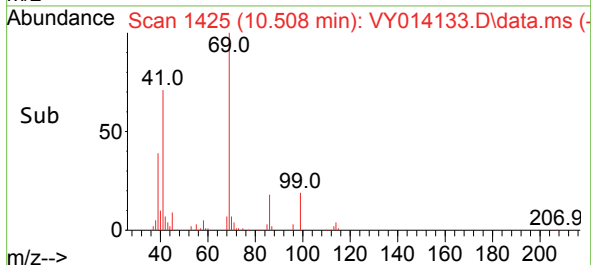
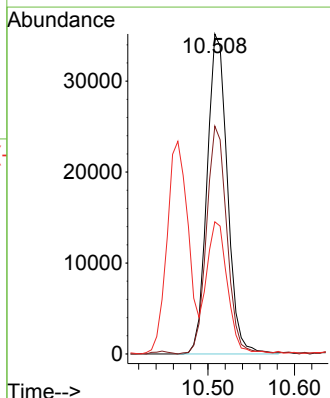
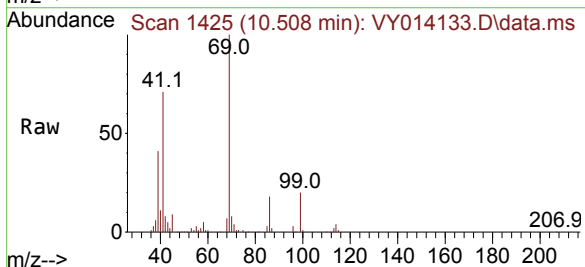
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

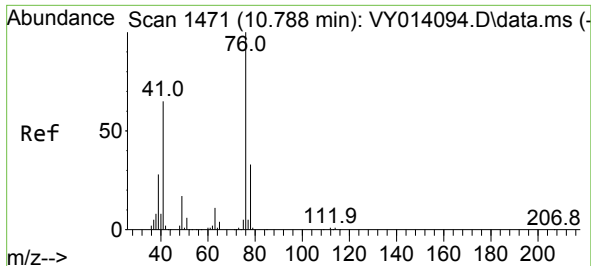
Tgt Ion:	97	Resp:	43458
Ion	Ratio	Lower	Upper
97	100		
83	83.4	72.0	108.0
85	55.6	45.4	68.0
99	64.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.392 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion:	69	Resp:	57323
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.6	86.4
39	41.2	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.607 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

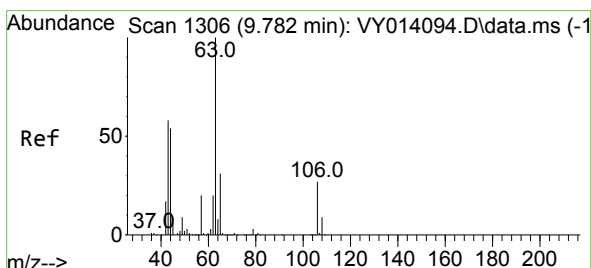
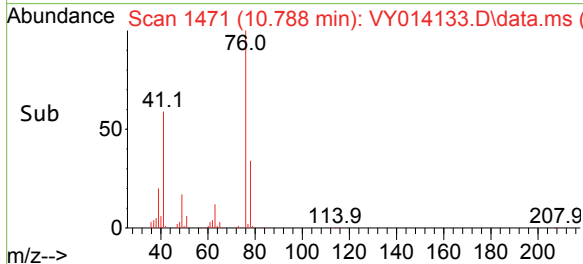
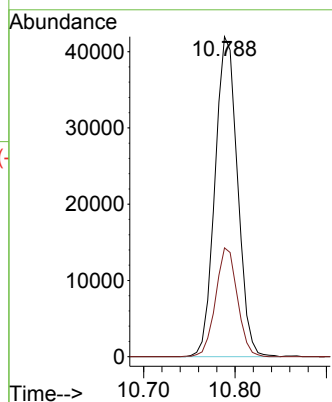
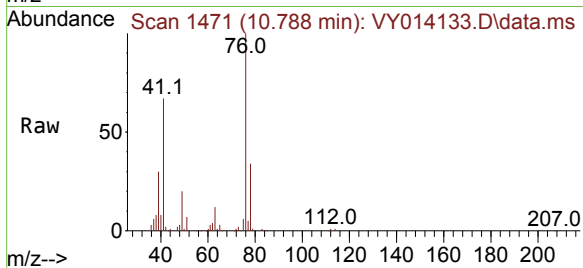
VY0613SBS01

Tgt Ion: 76 Resp: 71826

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 79.704 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014133.D

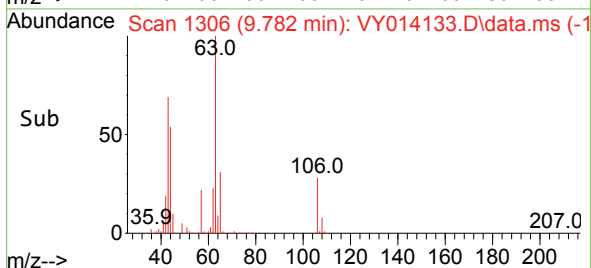
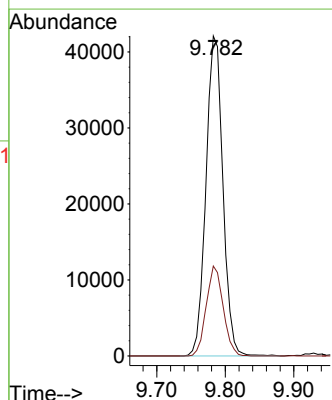
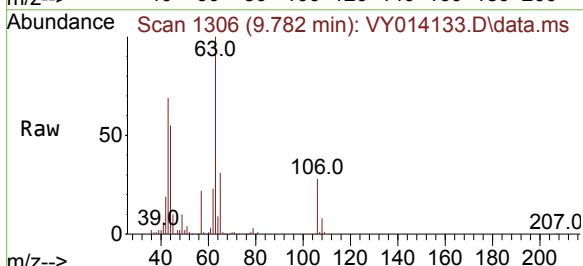
Acq: 13 Jun 2023 12:18

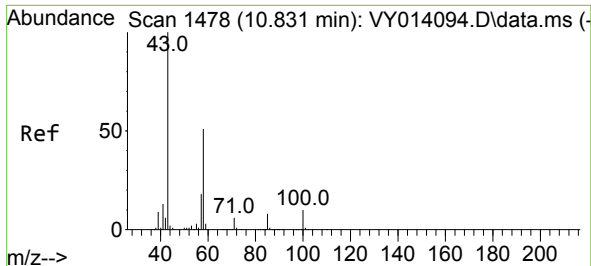
Tgt Ion: 63 Resp: 72462

Ion Ratio Lower Upper

63 100

106 28.1 21.2 31.8

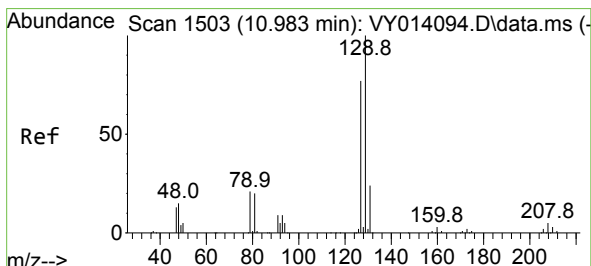
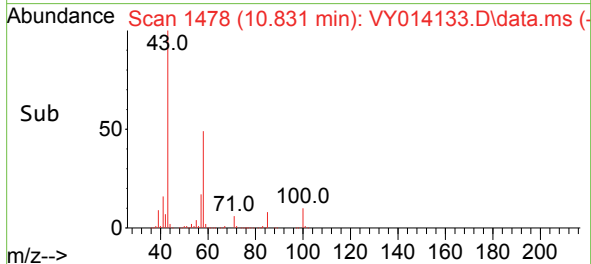
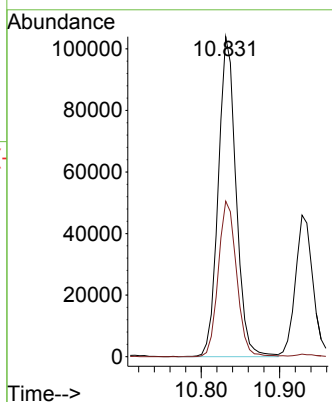
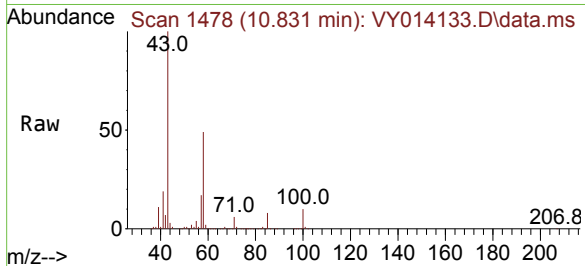




#59
2-Hexanone
Concen: 104.701 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

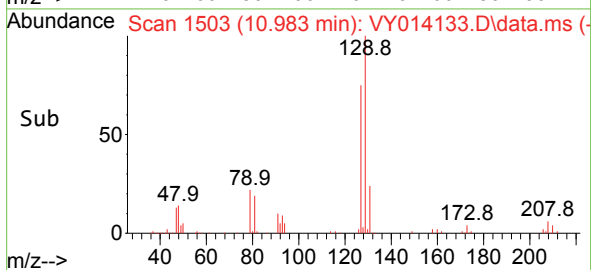
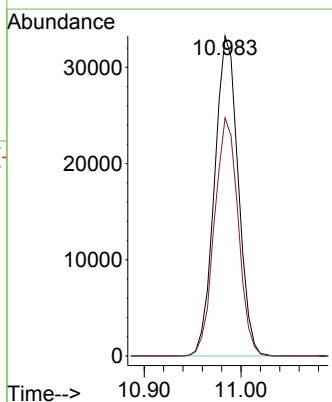
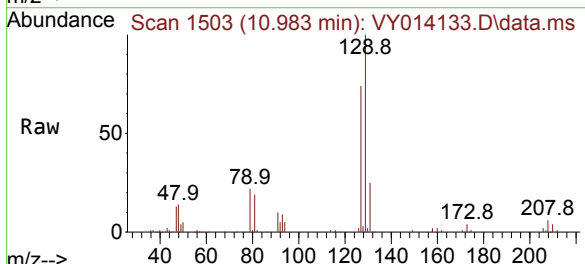
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

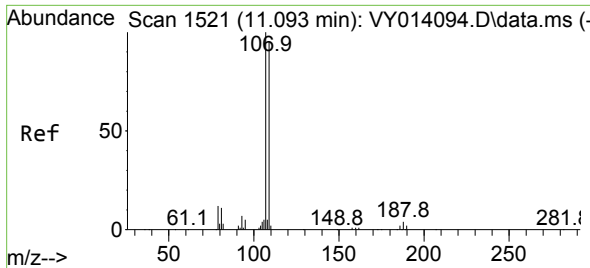
Tgt Ion: 43 Resp: 164198
Ion Ratio Lower Upper
43 100
58 50.1 25.1 75.3



#60
Dibromochloromethane
Concen: 21.598 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 129 Resp: 56336
Ion Ratio Lower Upper
129 100
127 74.8 38.5 115.5

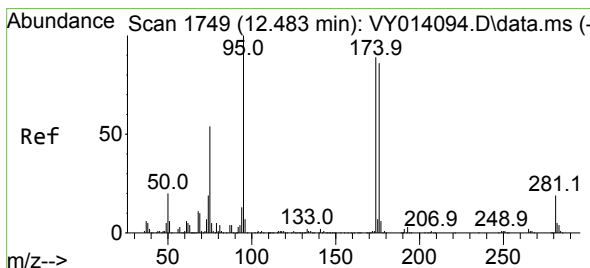
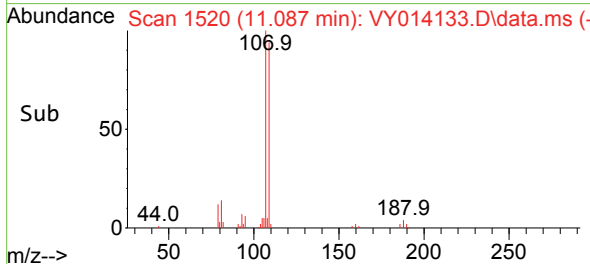
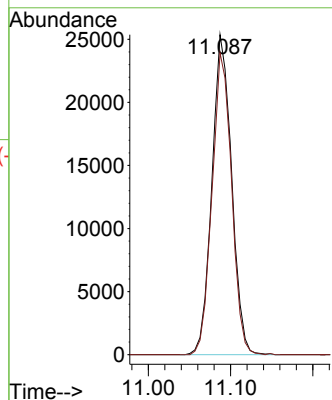
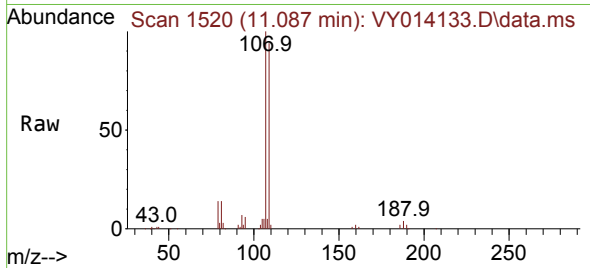




#61
1,2-Dibromoethane
Concen: 21.004 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

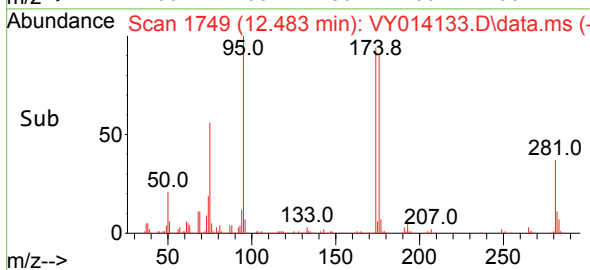
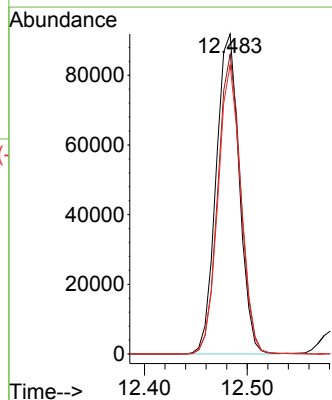
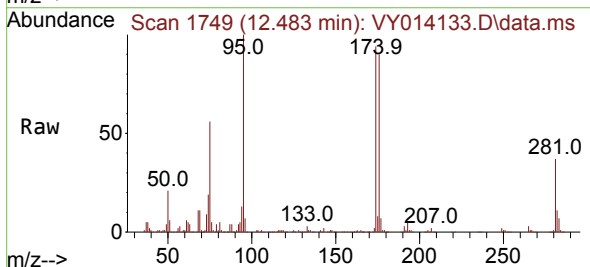
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

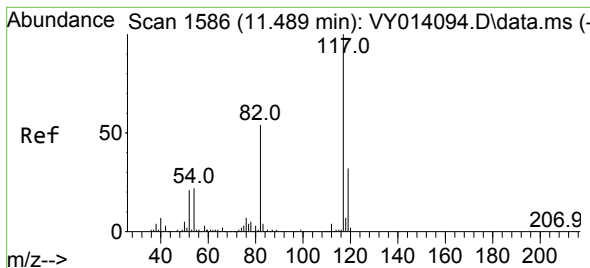
Tgt Ion:107 Resp: 42245
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.977 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 95 Resp: 143513
Ion Ratio Lower Upper
95 100
174 92.4 0.0 178.2
176 89.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

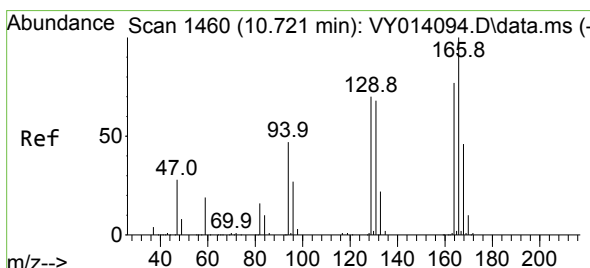
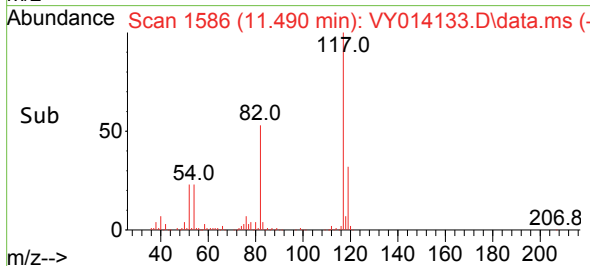
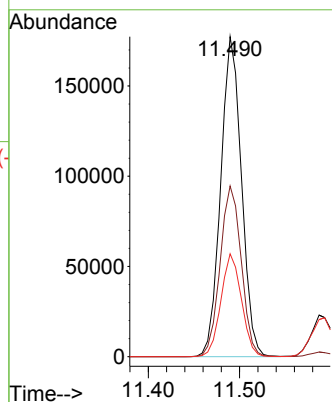
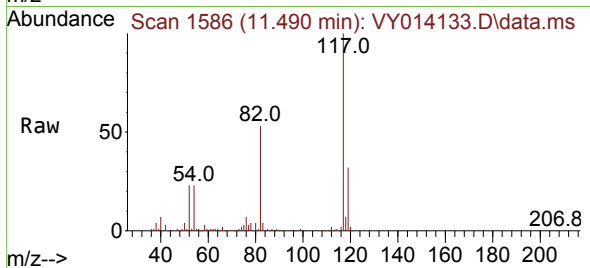
Tgt Ion:117 Resp: 280311

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 32.1 26.3 39.5



#64

Tetrachloroethene

Concen: 21.971 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Tgt Ion:164 Resp: 52494

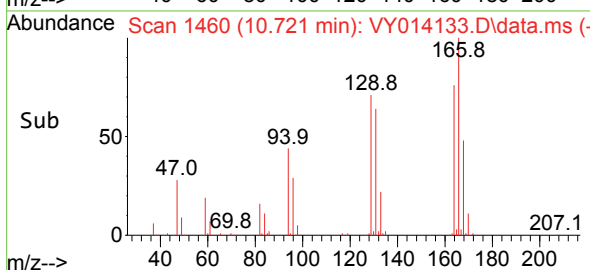
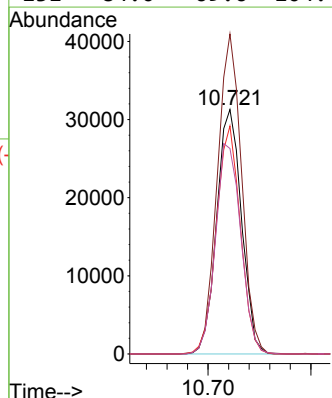
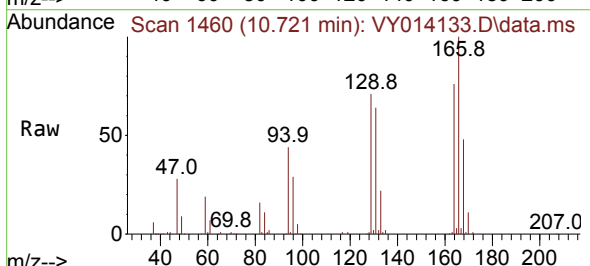
Ion Ratio Lower Upper

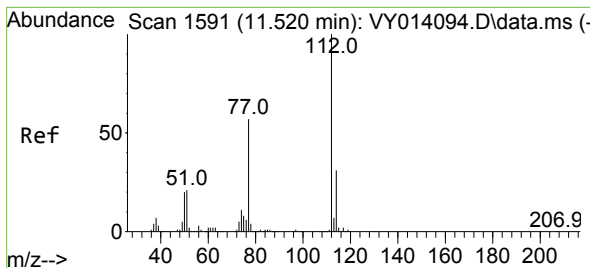
164 100

166 130.9 103.0 154.6

129 93.2 77.2 115.8

131 84.0 69.6 104.4

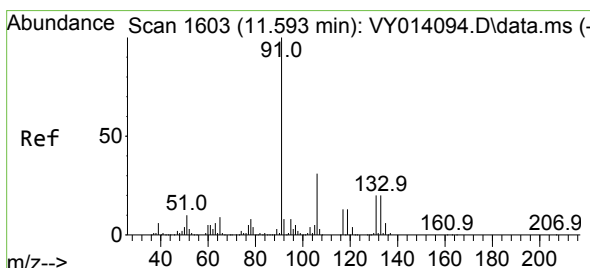
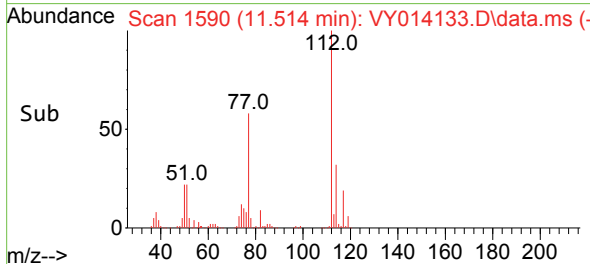
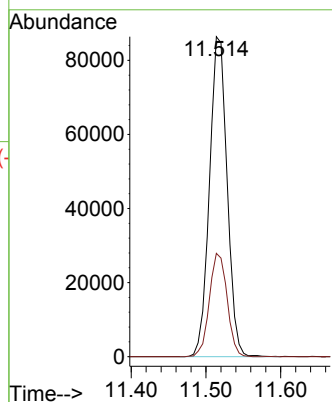
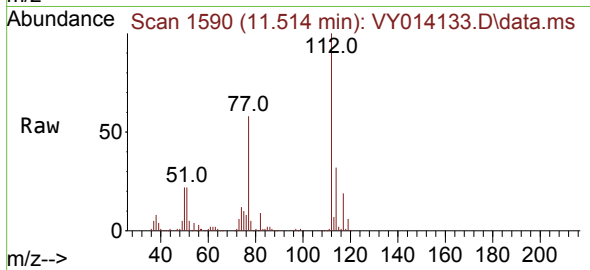




#65
Chlorobenzene
Concen: 21.069 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

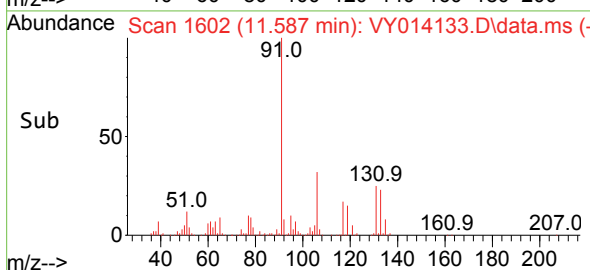
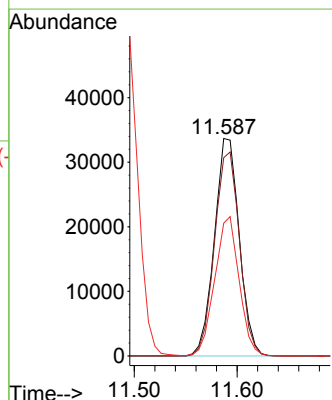
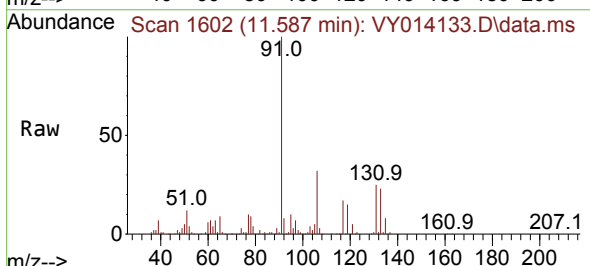
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

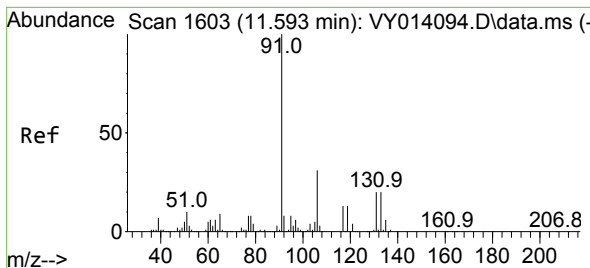
Tgt Ion:112 Resp: 141912
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.378 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion:131 Resp: 56634
Ion Ratio Lower Upper
131 100
133 93.6 47.5 142.6
119 62.9 31.6 94.7





#67

Ethyl Benzene

Concen: 21.219 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

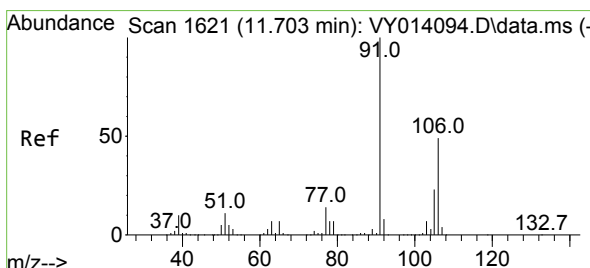
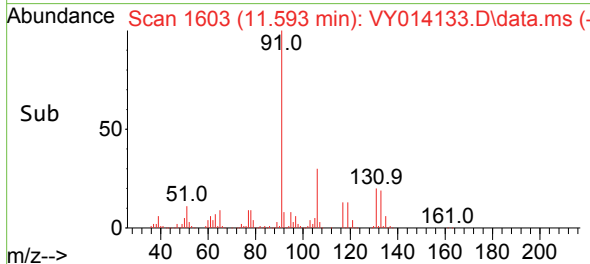
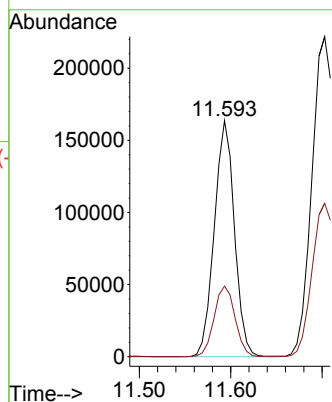
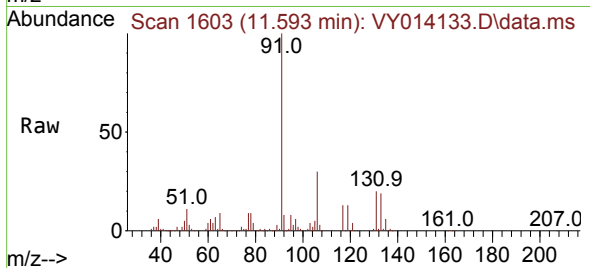
VY0613SBS01

Tgt Ion: 91 Resp: 250164

Ion Ratio Lower Upper

91 100

106 29.9 24.6 36.8



#68

m/p-Xylenes

Concen: 43.223 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014133.D

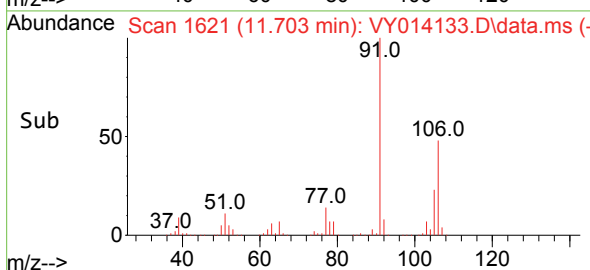
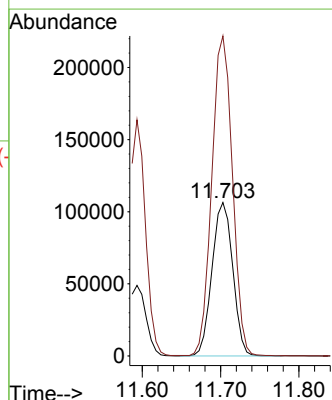
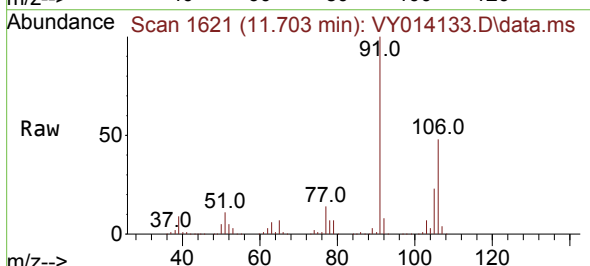
Acq: 13 Jun 2023 12:18

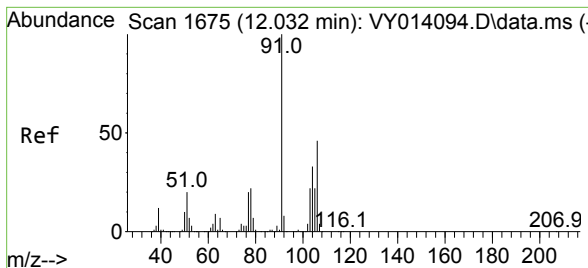
Tgt Ion:106 Resp: 196007

Ion Ratio Lower Upper

106 100

91 207.0 166.1 249.1

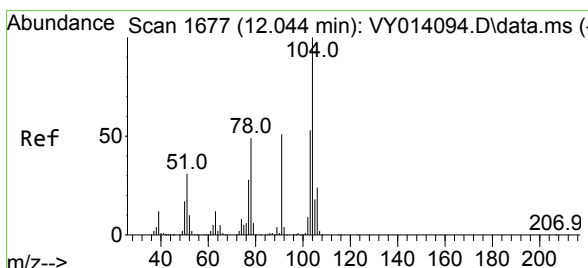
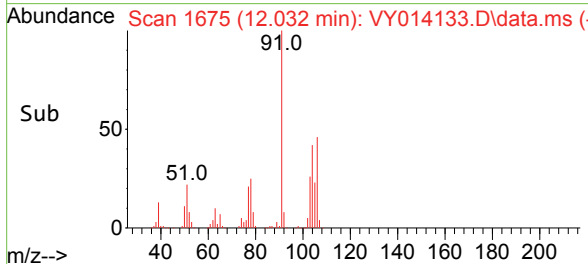
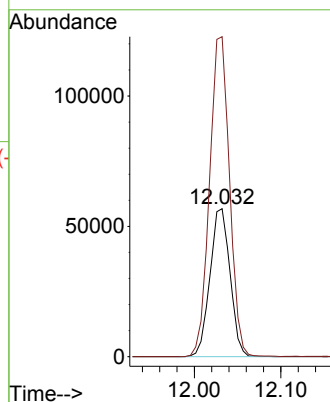
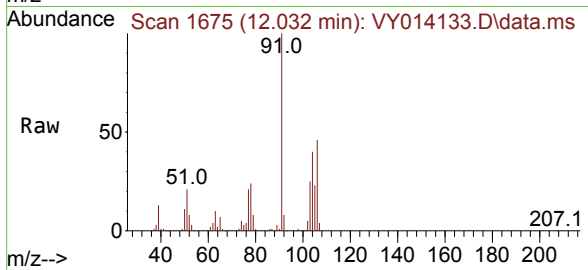




#69
o-Xylene
Concen: 21.322 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

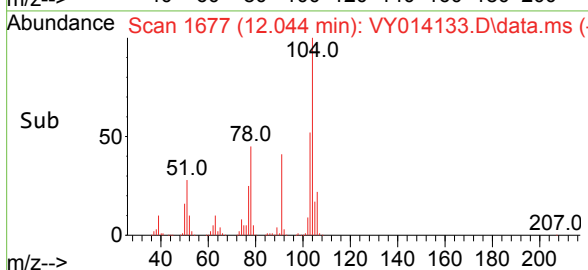
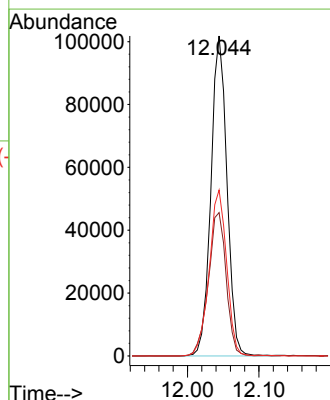
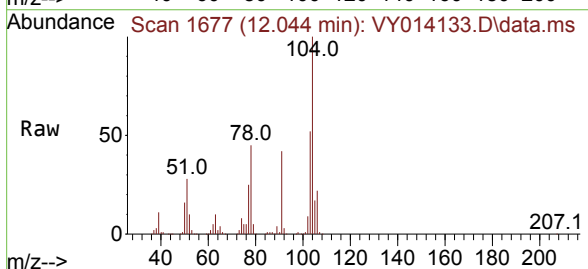
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

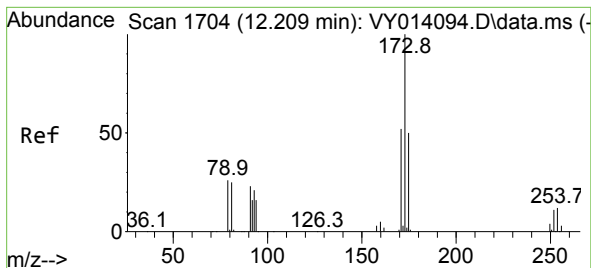
Tgt Ion:106 Resp: 91417
Ion Ratio Lower Upper
106 100
91 215.6 108.1 324.3



#70
Styrene
Concen: 21.684 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion:104 Resp: 158667
Ion Ratio Lower Upper
104 100
78 49.7 41.5 62.3
103 56.3 44.6 67.0





#71

Bromoform

Concen: 21.959 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

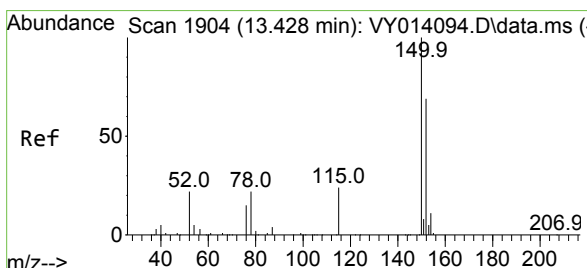
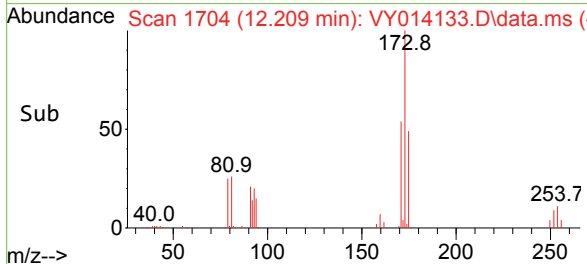
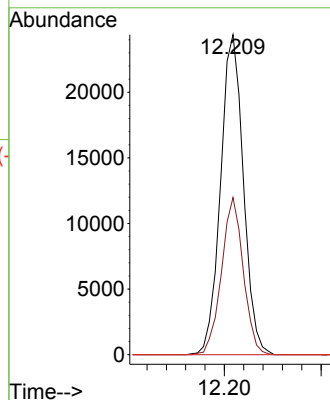
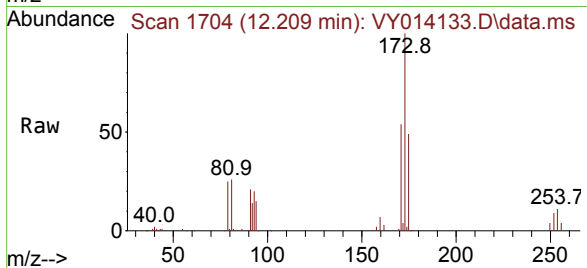
Tgt Ion:173 Resp: 39841

Ion Ratio Lower Upper

173 100

175 46.8 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

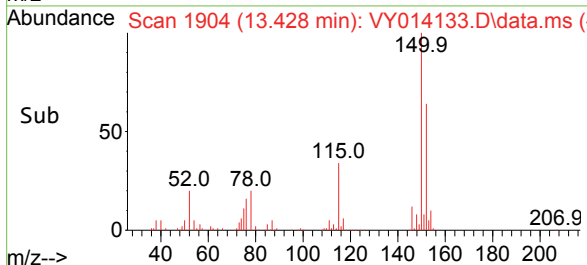
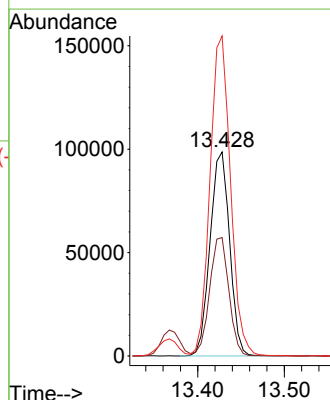
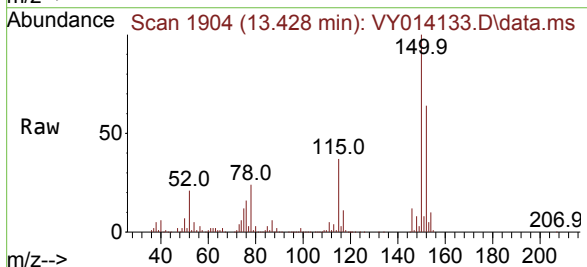
Tgt Ion:152 Resp: 154943

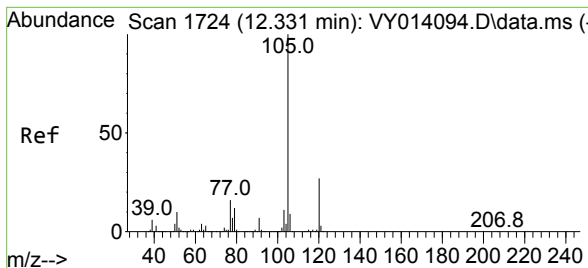
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 164.2 0.0 348.8





#73

Isopropylbenzene

Concen: 20.688 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

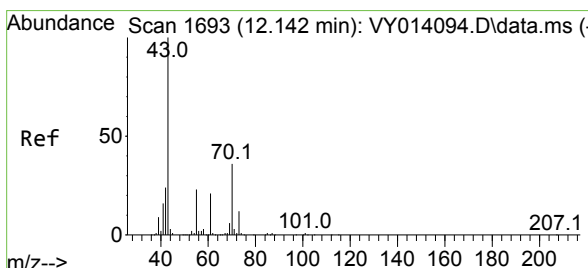
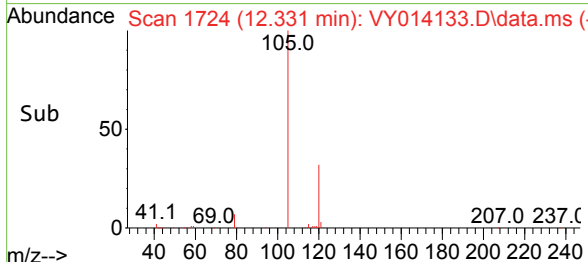
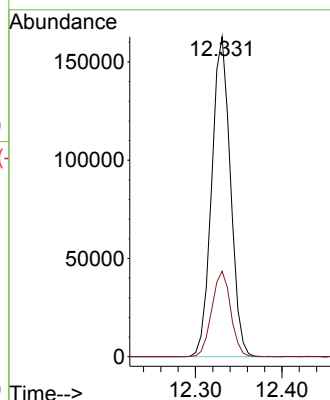
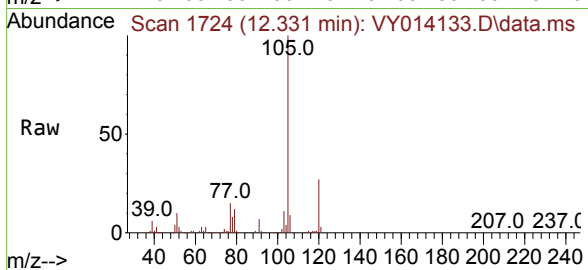
VY0613SBS01

Tgt Ion:105 Resp: 244531

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 20.004 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Tgt Ion: 43 Resp: 74930

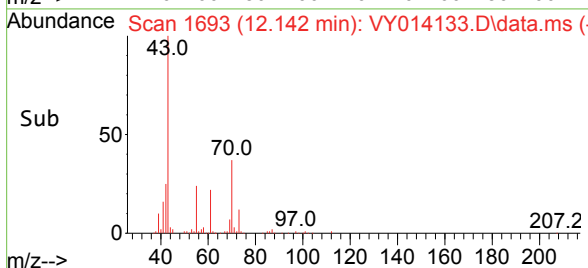
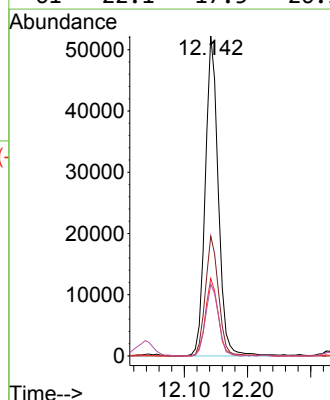
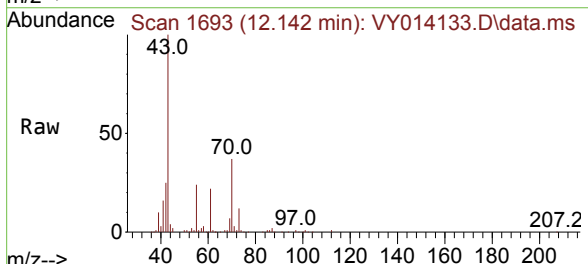
Ion Ratio Lower Upper

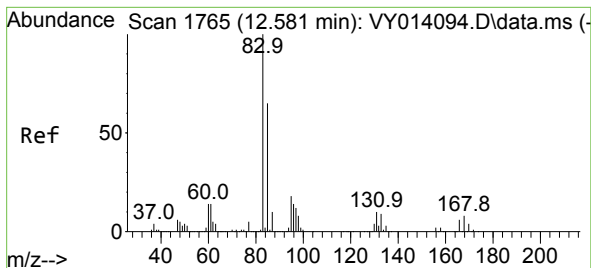
43 100

70 37.9 29.7 44.5

55 23.8 18.3 27.5

61 22.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.602 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

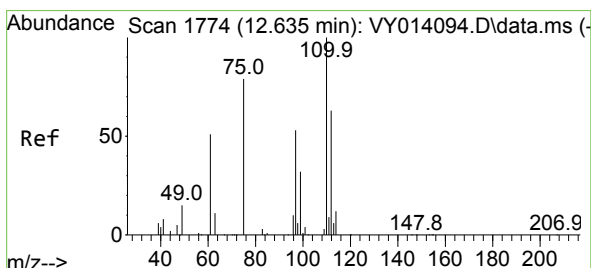
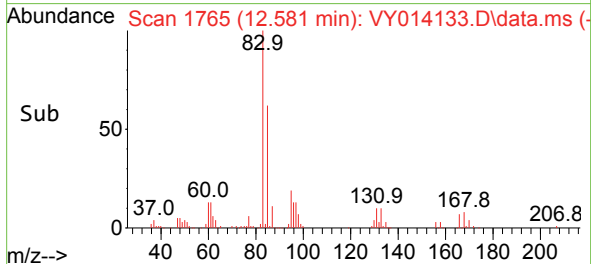
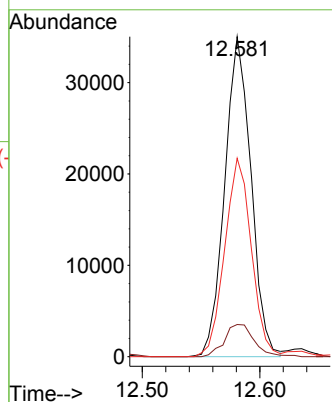
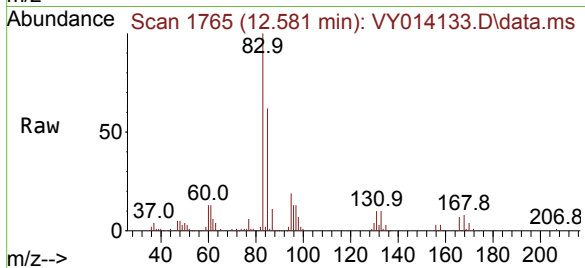
Tgt Ion: 83 Resp: 54414

Ion Ratio Lower Upper

83 100

131 11.5 5.4 16.2

85 62.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.819 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.005 min

Lab File: VY014133.D

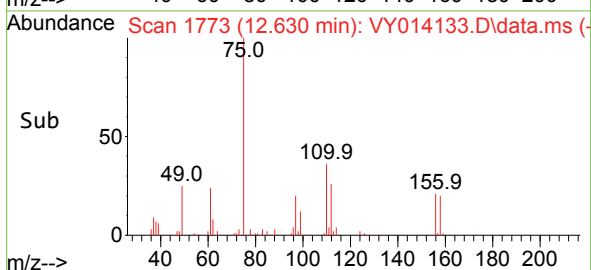
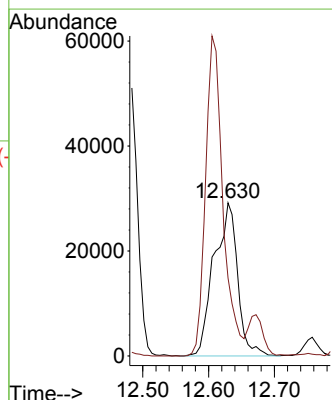
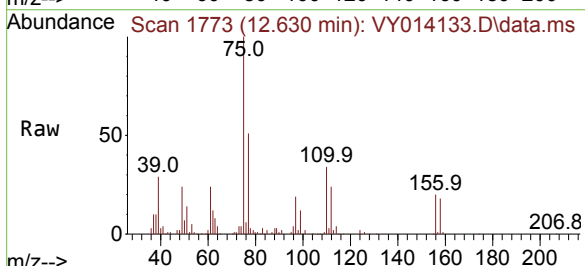
Acq: 13 Jun 2023 12:18

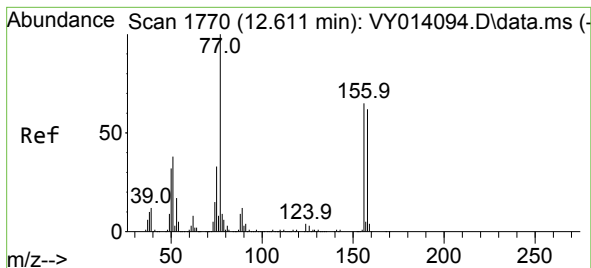
Tgt Ion: 75 Resp: 72814

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.781 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

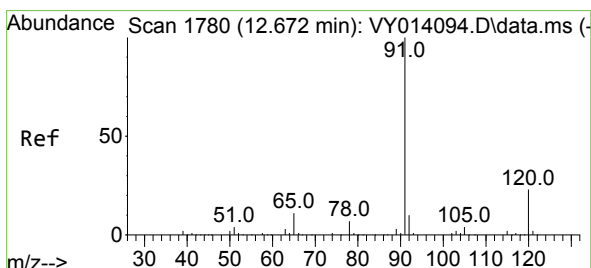
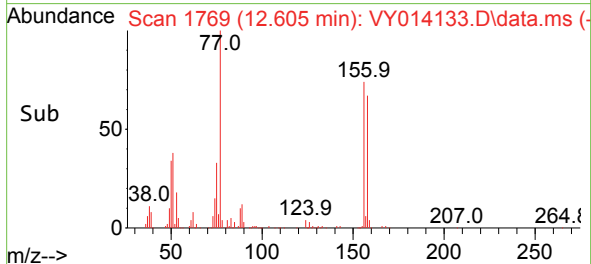
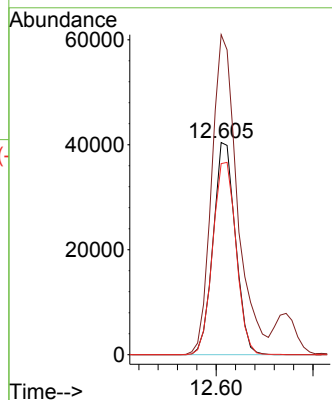
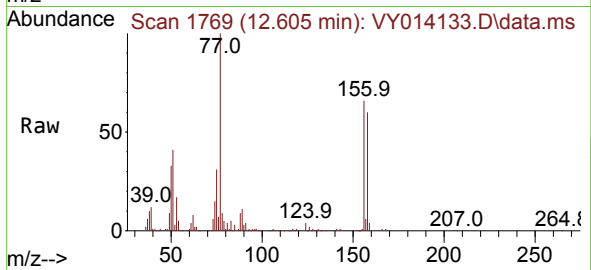
Tgt Ion:156 Resp: 64561

Ion Ratio Lower Upper

156 100

77 174.3 92.8 278.6

158 95.4 48.4 145.3



#78

n-propylbenzene

Concen: 20.802 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014133.D

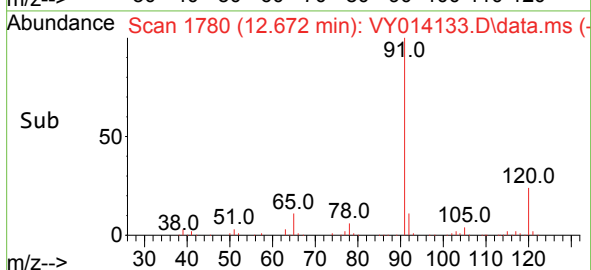
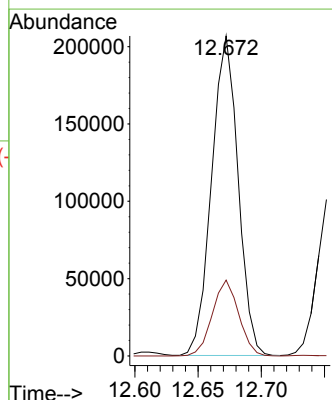
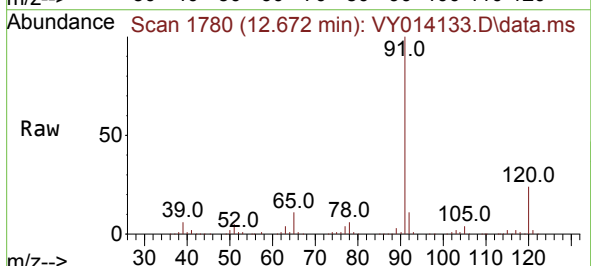
Acq: 13 Jun 2023 12:18

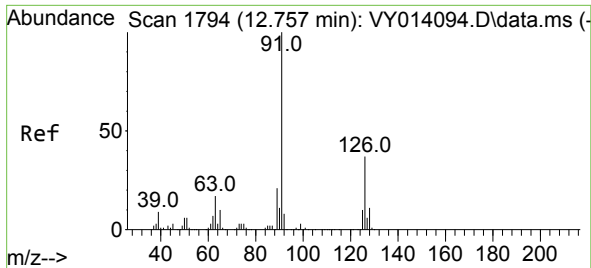
Tgt Ion: 91 Resp: 300329

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4

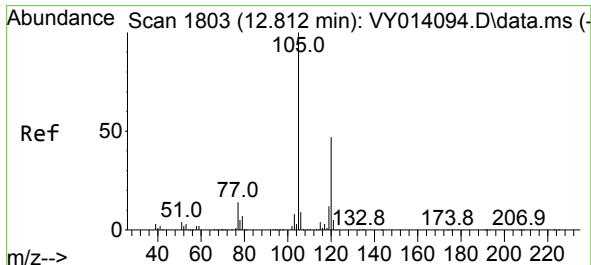
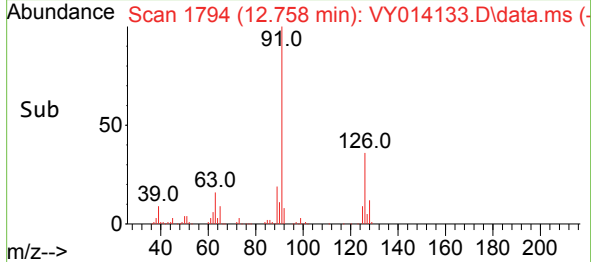
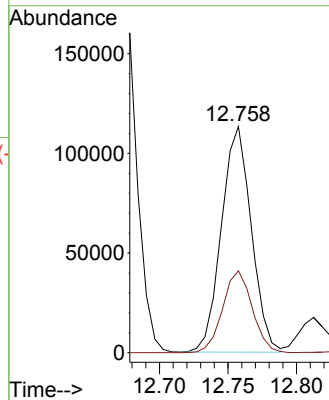
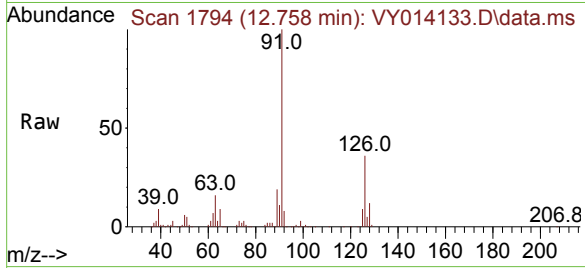




#79
2-Chlorotoluene
Concen: 20.688 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

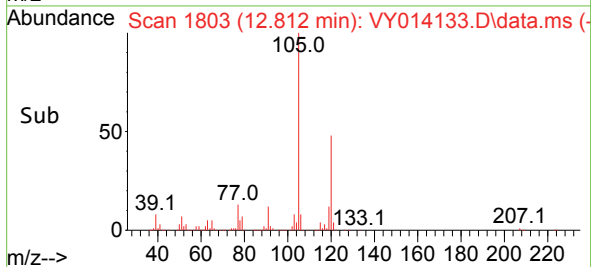
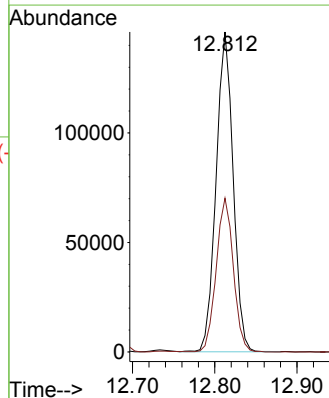
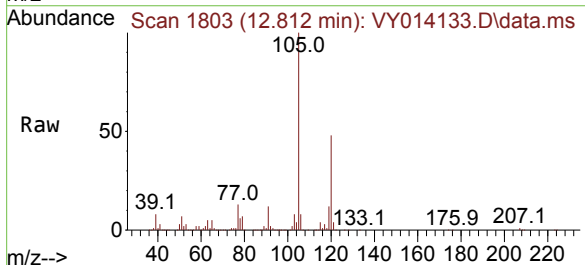
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

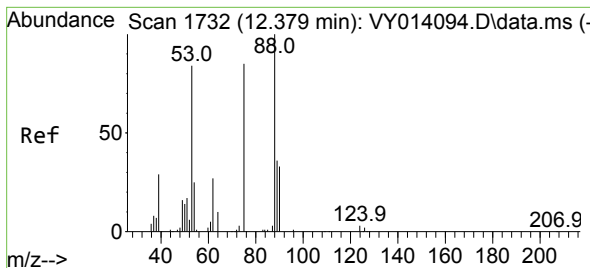
Tgt Ion: 91 Resp: 171854
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.769 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 105 Resp: 210203
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7

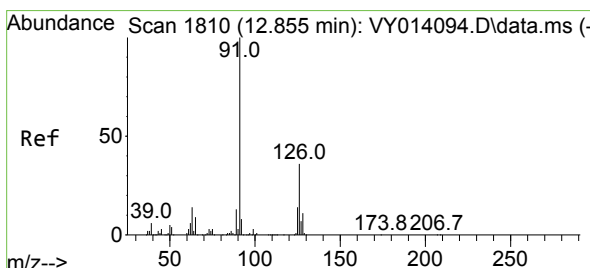
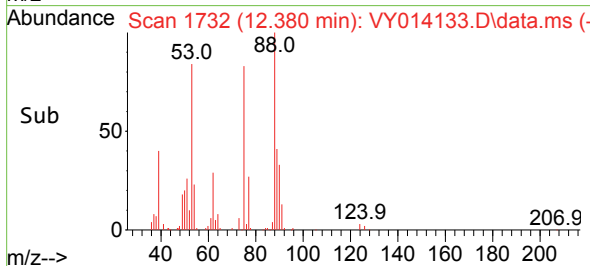
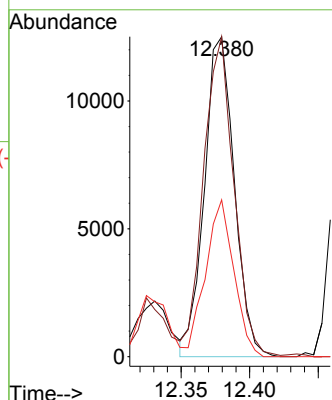
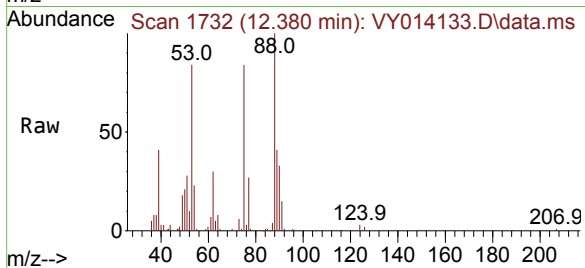




#81
trans-1,4-Dichloro-2-butene
Concen: 20.214 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

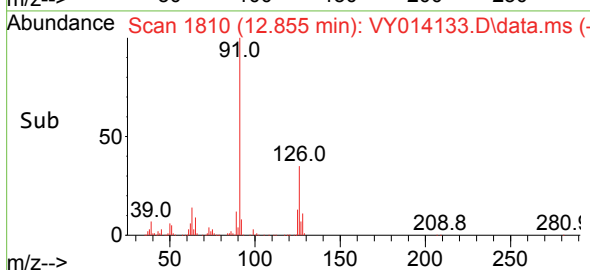
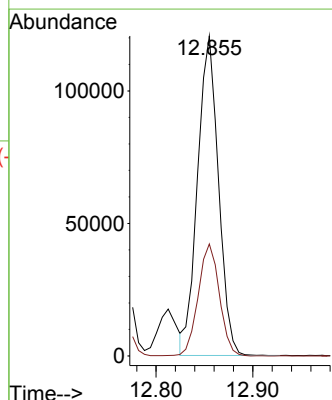
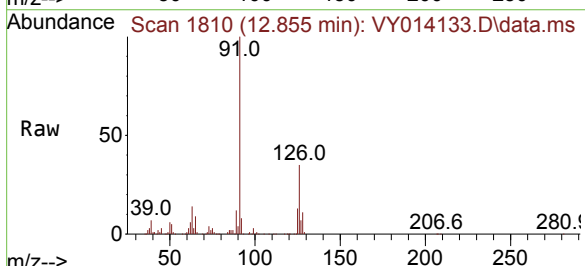
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

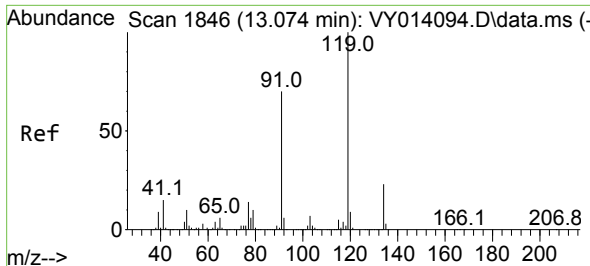
Tgt Ion: 75 Resp: 19010
Ion Ratio Lower Upper
75 100
53 100.0 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.616 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 91 Resp: 181485
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6

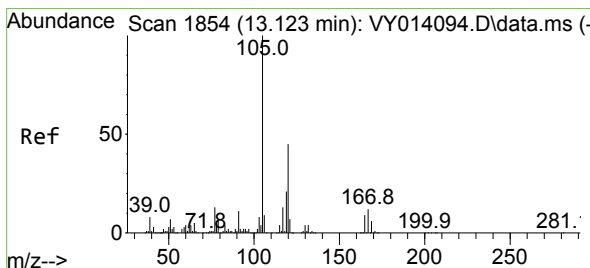
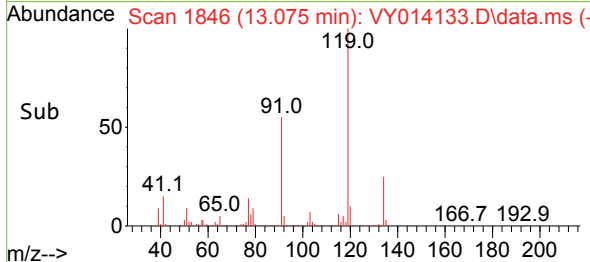
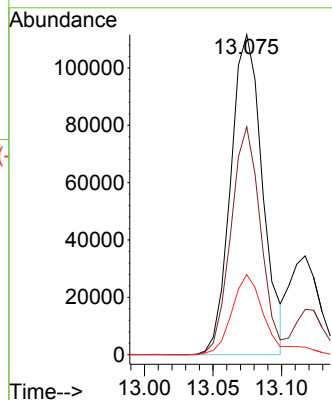
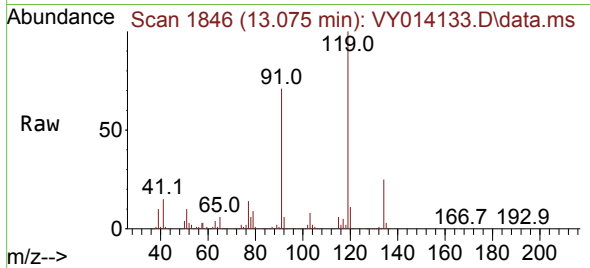




#83
tert-Butylbenzene
Concen: 21.033 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

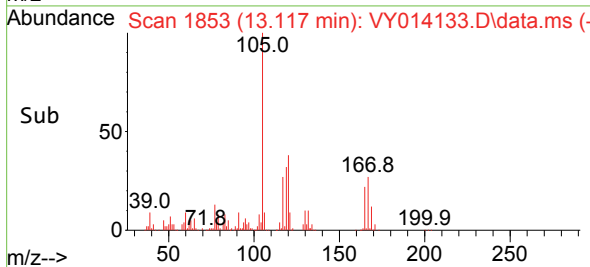
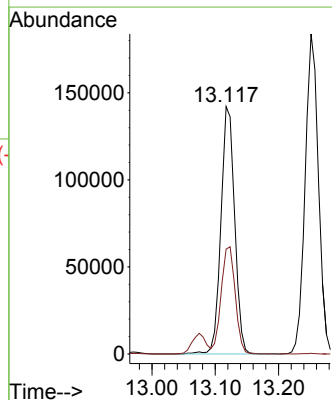
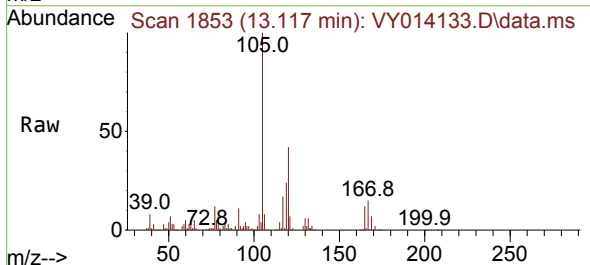
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

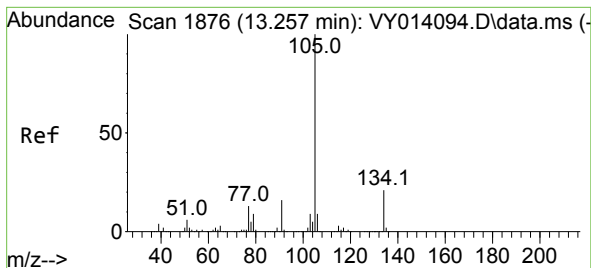
Tgt Ion:119 Resp: 180897
Ion Ratio Lower Upper
119 100
91 66.3 32.9 98.6
134 26.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 21.259 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion:105 Resp: 212985
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.335 ug/l

RT: 13.251 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

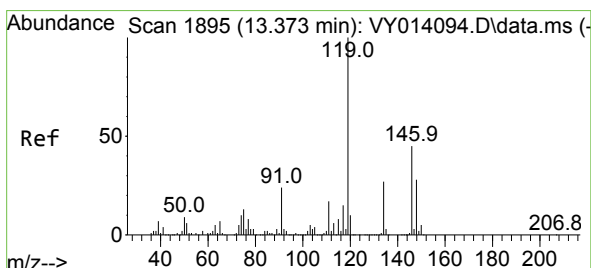
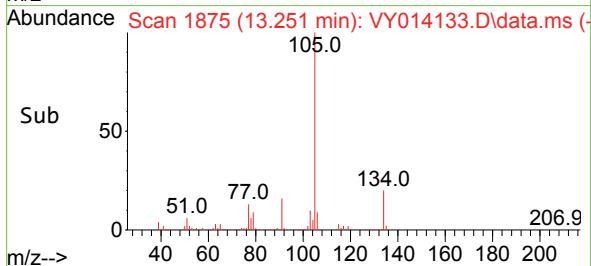
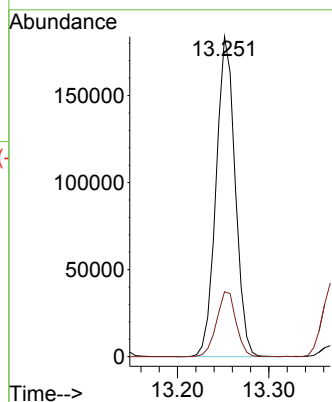
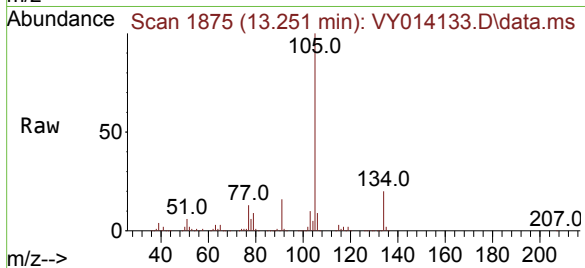
VY0613SBS01

Tgt Ion:105 Resp: 266775

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.165 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

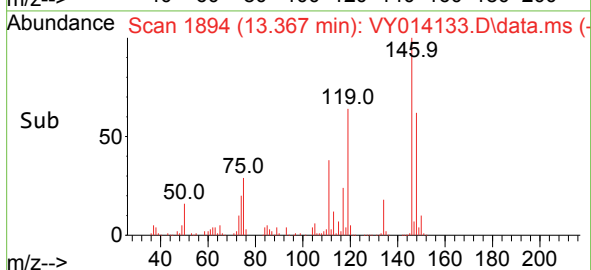
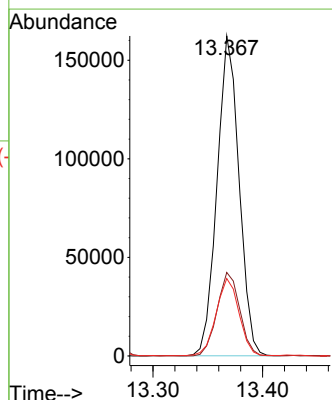
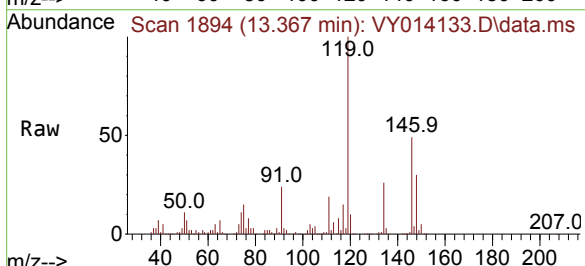
Tgt Ion:119 Resp: 226502

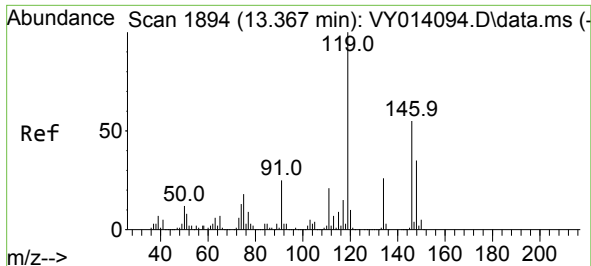
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 25.1 12.4 37.4

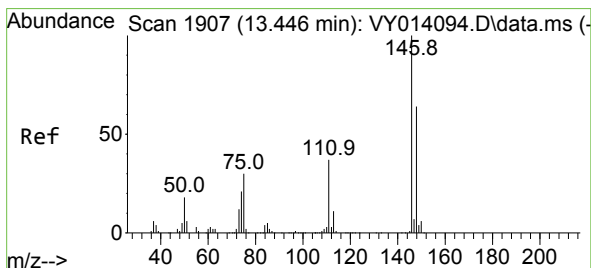
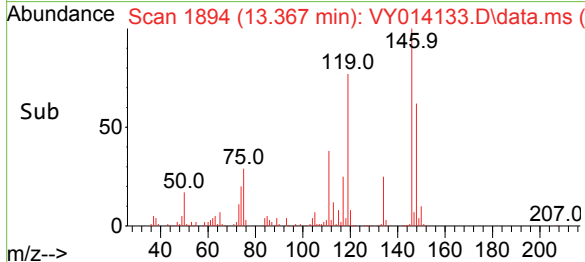
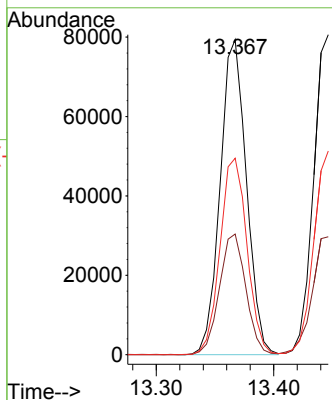
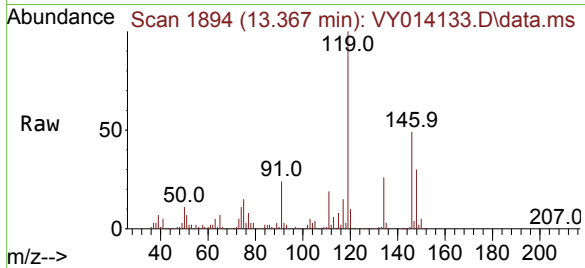




#87
1,3-Dichlorobenzene
Concen: 20.800 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

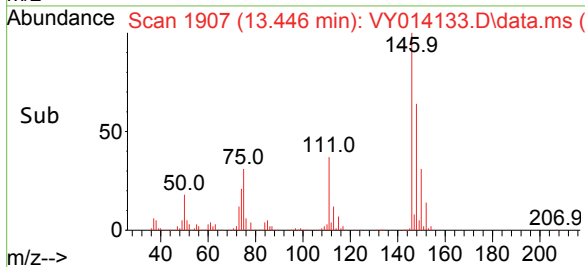
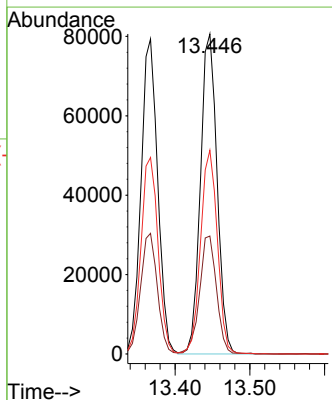
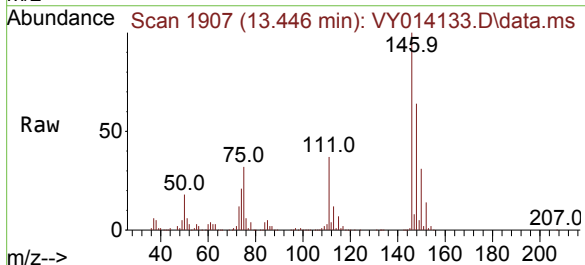
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

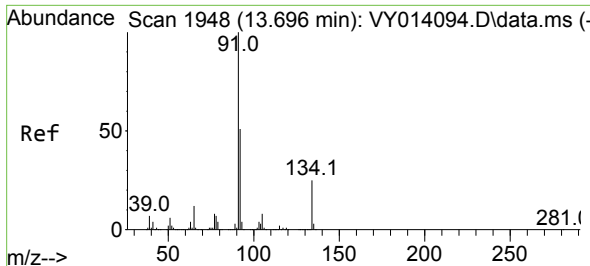
Tgt Ion:146 Resp: 123377
Ion Ratio Lower Upper
146 100
111 38.6 19.4 58.2
148 64.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.825 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion:146 Resp: 124458
Ion Ratio Lower Upper
146 100
111 37.9 18.9 56.7
148 64.3 32.1 96.5

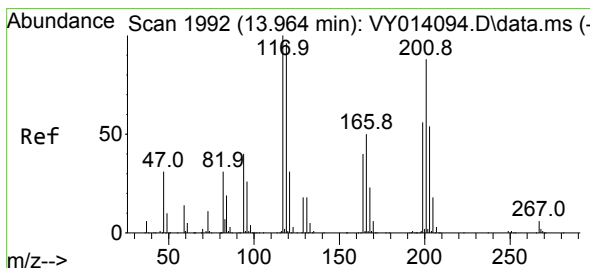
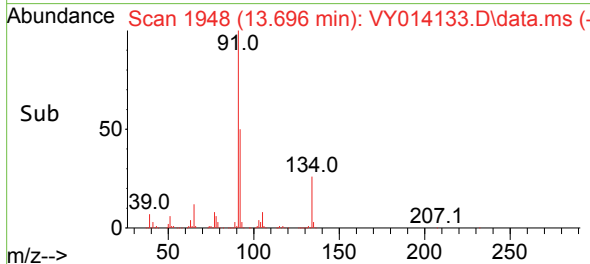
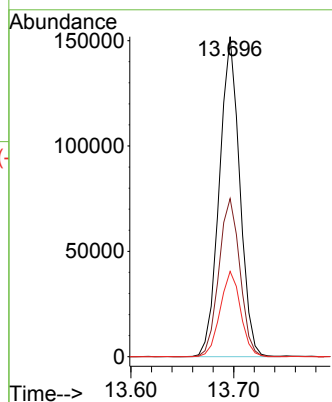
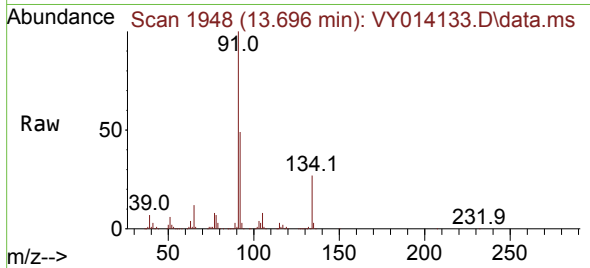




#89
n-Butylbenzene
Concen: 21.050 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

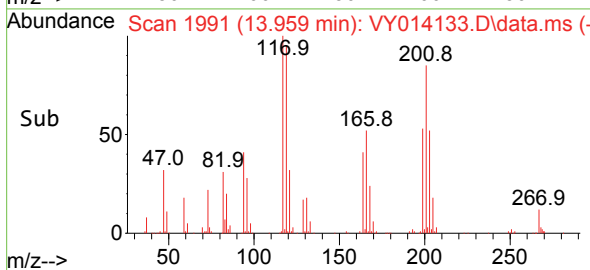
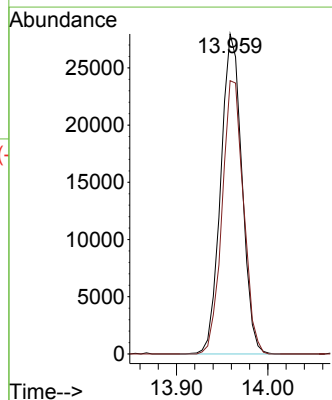
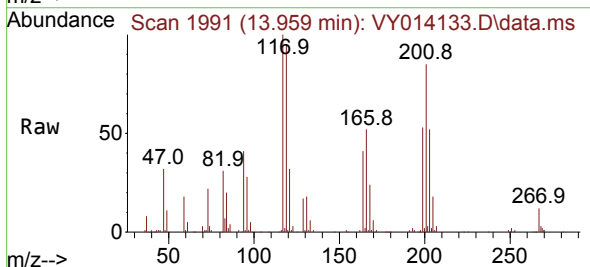
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

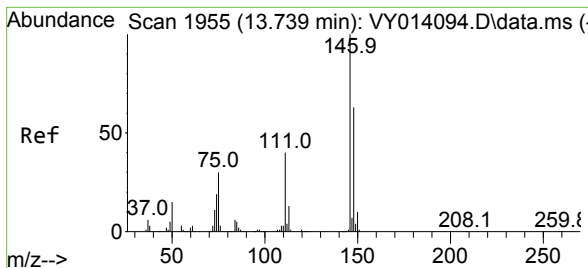
Tgt Ion: 91 Resp: 208939
Ion Ratio Lower Upper
91 100
92 51.0 25.4 76.0
134 26.8 12.6 37.6



#90
Hexachloroethane
Concen: 21.133 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion: 117 Resp: 45065
Ion Ratio Lower Upper
117 100
201 86.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.962 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

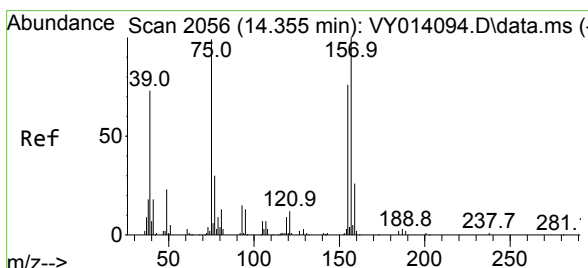
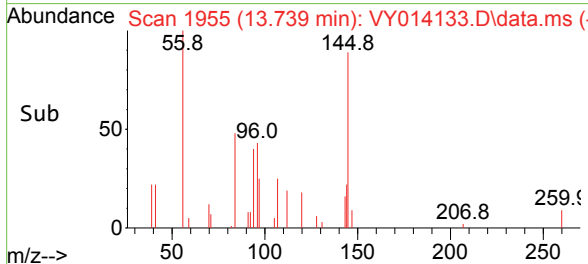
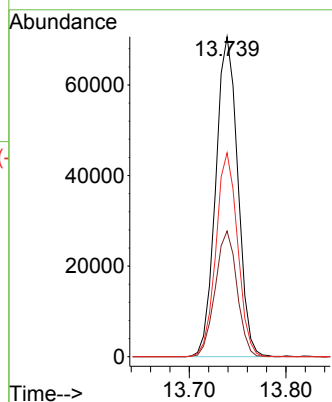
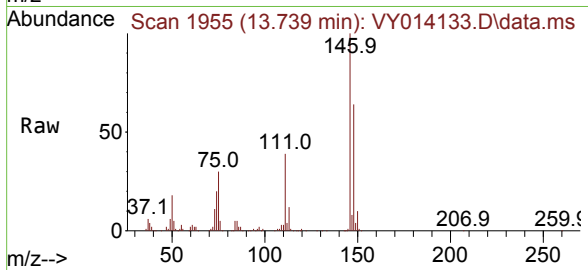
Tgt Ion:146 Resp: 111672

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.0

148 62.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.421 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

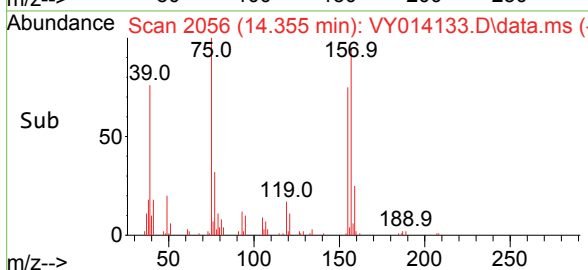
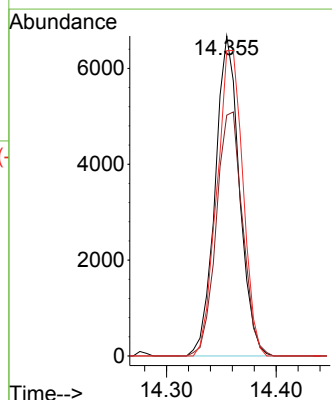
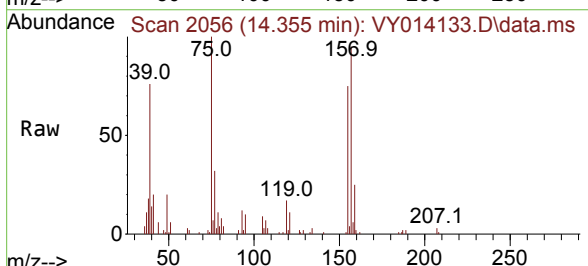
Tgt Ion: 75 Resp: 10271

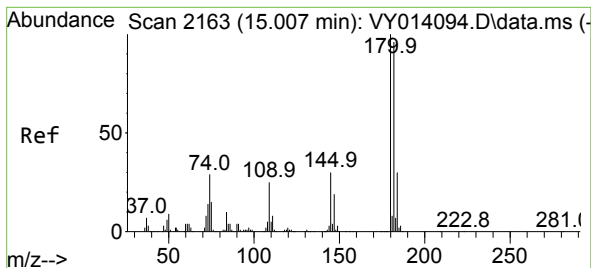
Ion Ratio Lower Upper

75 100

155 82.5 41.5 124.6

157 102.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.292 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

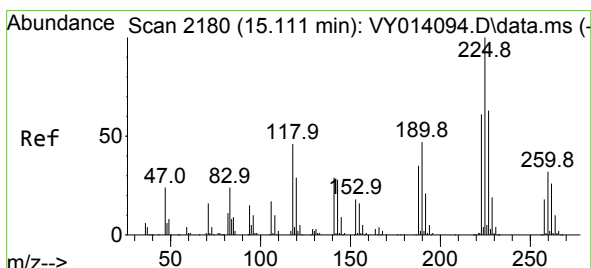
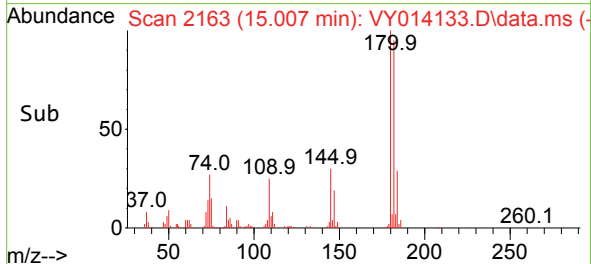
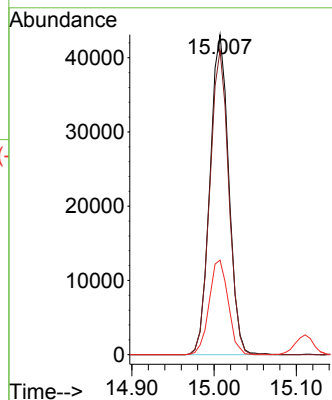
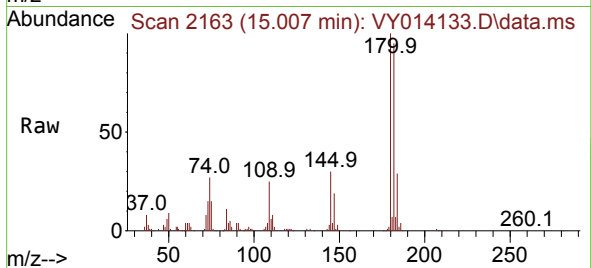
Tgt Ion:180 Resp: 68480

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 29.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.951 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014133.D

Acq: 13 Jun 2023 12:18

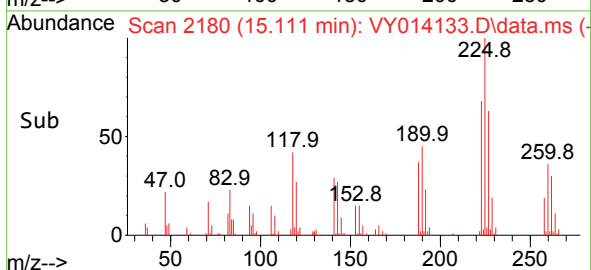
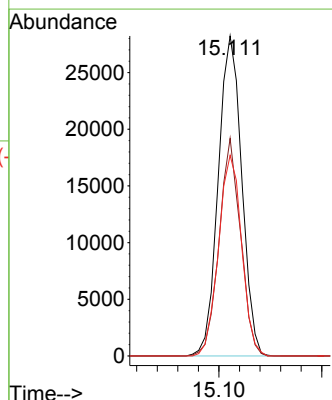
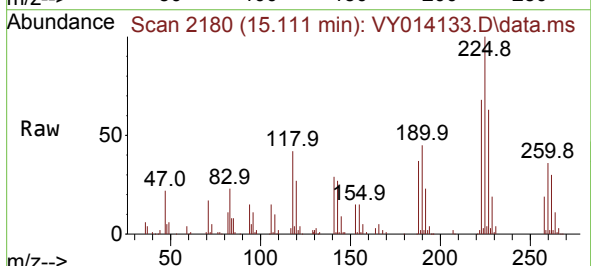
Tgt Ion:225 Resp: 44716

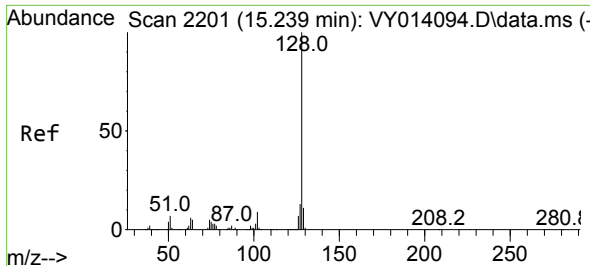
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 61.7 33.0 98.9

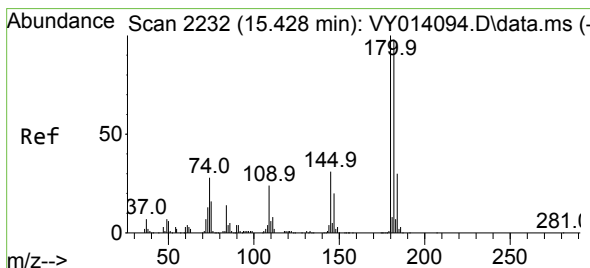
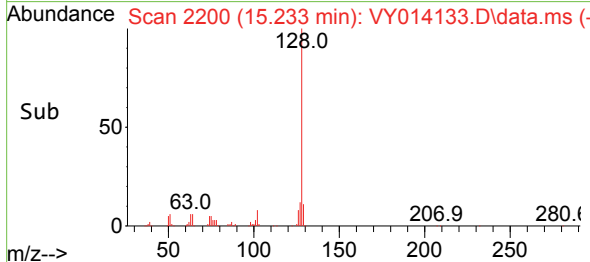
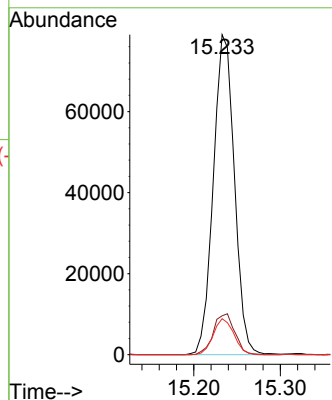
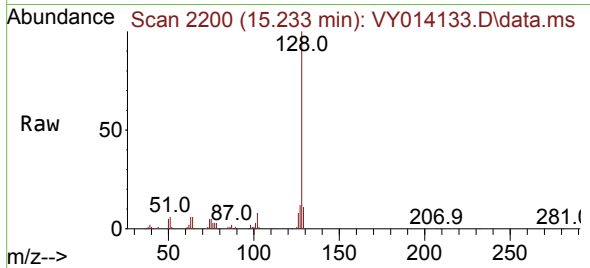




#95
Naphthalene
Concen: 19.492 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

Tgt Ion:128 Resp: 133521
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.025 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY014133.D
Acq: 13 Jun 2023 12:18

Tgt Ion:180 Resp: 61066
Ion Ratio Lower Upper
180 100
182 98.0 47.3 141.8
145 31.6 15.4 46.2

