

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
 Data File : VY014134.D
 Acq On : 13 Jun 2023 12:41
 Operator : KP/MD
 Sample : VY0613SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBS01

Quant Time: Jun 14 01:33:27 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	197321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	281101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	126303	45.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.940%
35) Dibromofluoromethane	7.716	113	107810	50.799	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.600%
50) Toluene-d8	10.179	98	375543	47.331	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.660%
62) 4-Bromofluorobenzene	12.483	95	142187	50.447	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	51425	23.385	ug/l	97
3) Chloromethane	2.113	50	56754	20.354	ug/l	98
4) Vinyl Chloride	2.253	62	55226	20.371	ug/l	98
5) Bromomethane	2.650	94	47325	21.157	ug/l	95
6) Chloroethane	2.790	64	36568	19.851	ug/l	95
7) Trichlorofluoromethane	3.125	101	97714	22.186	ug/l	91
8) Diethyl Ether	3.528	74	28614	19.457	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	47709	21.464	ug/l	97
10) Methyl Iodide	4.088	142	52787	17.985	ug/l	97
11) Tert butyl alcohol	4.948	59	37116	104.778	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	44258	19.644	ug/l	96
13) Acrolein	3.729	56	17769	122.017	ug/l	97
14) Allyl chloride	4.479	41	77099	18.879	ug/l	95
15) Acrylonitrile	5.168	53	72195	95.175	ug/l	99
16) Acetone	3.954	43	71216	85.984	ug/l	95
17) Carbon Disulfide	4.192	76	133300	18.259	ug/l	99
18) Methyl Acetate	4.479	43	59414	18.481	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	129869	19.545	ug/l	100
20) Methylene Chloride	4.710	84	65316	22.747	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	50550	20.117	ug/l	99
22) Diisopropyl ether	6.112	45	159380	20.383	ug/l	97
23) Vinyl Acetate	6.058	43	448509	97.217	ug/l	100
24) 1,1-Dichloroethane	6.015	63	93780	20.802	ug/l	98
25) 2-Butanone	6.990	43	94905	93.086	ug/l	98
26) 2,2-Dichloropropane	6.978	77	88188	20.827	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	57644	20.506	ug/l	98
28) Bromochloromethane	7.332	49	38760	21.141	ug/l	96
29) Tetrahydrofuran	7.350	42	60556	93.667	ug/l	99
30) Chloroform	7.502	83	102035	21.334	ug/l	96
31) Cyclohexane	7.783	56	75203	20.431	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	91836	21.289	ug/l	98
36) 1,1-Dichloropropene	7.917	75	70973	21.450	ug/l	98
37) Ethyl Acetate	7.076	43	42342	18.547	ug/l	98
38) Carbon Tetrachloride	7.899	117	87243	22.849	ug/l	98
39) Methylcyclohexane	9.185	83	80376	21.895	ug/l	95
40) Benzene	8.161	78	206575	20.996	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	61291	52.605	ug/l #	31
42) 1,2-Dichloroethane	8.234	62	72719	20.901	ug/l	98
43) Isopropyl Acetate	8.271	43	79183	19.789	ug/l #	90
44) Trichloroethene	8.935	130	56548	21.512	ug/l	94
45) 1,2-Dichloropropane	9.216	63	52853	21.149	ug/l	98
46) Dibromomethane	9.307	93	30998	20.151	ug/l	95
47) Bromodichloromethane	9.496	83	77215	21.438	ug/l	99
48) Methyl methacrylate	9.289	41	36554	19.587	ug/l	98
49) 1,4-Dioxane	9.319	88	6914	353.721	ug/l #	38
51) 4-Methyl-2-Pentanone	10.069	43	211534	97.308	ug/l	99
52) Toluene	10.246	92	131833	21.615	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	77911	20.548	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	85329	20.626	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	42185	20.675	ug/l	98
56) Ethyl methacrylate	10.508	69	54971	19.533	ug/l	99
57) 1,3-Dichloropropane	10.788	76	72610	20.807	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	71367	78.874	ug/l	97
59) 2-Hexanone	10.831	43	149670	95.326	ug/l	99
60) Dibromochloromethane	10.984	129	54589	20.904	ug/l	98
61) 1,2-Dibromoethane	11.087	107	40793	20.258	ug/l	99
64) Tetrachloroethene	10.721	164	51015	21.292	ug/l	94
65) Chlorobenzene	11.514	112	140228	20.761	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	55298	20.815	ug/l	99
67) Ethyl Benzene	11.593	91	248578	21.025	ug/l	99
68) m/p-Xylenes	11.703	106	191296	42.066	ug/l	99
69) o-Xylene	12.026	106	91879	21.370	ug/l	99
70) Styrene	12.044	104	158160	21.554	ug/l	99
71) Bromoform	12.209	173	37363	20.536	ug/l #	98
73) Isopropylbenzene	12.331	105	244649	20.964	ug/l	99
74) N-amyl acetate	12.142	43	69474	18.786	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	50803	19.482	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	69201	34.479	ug/l #	100
77) Bromobenzene	12.605	156	62405	20.345	ug/l	94
78) n-propylbenzene	12.672	91	299797	21.032	ug/l	99
79) 2-Chlorotoluene	12.758	91	169809	20.704	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	209454	20.961	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	17654	19.014	ug/l	96
82) 4-Chlorotoluene	12.855	91	178512	20.539	ug/l	98
83) tert-Butylbenzene	13.075	119	178239	20.990	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	208877	21.117	ug/l	99
85) sec-Butylbenzene	13.251	105	265283	21.488	ug/l	100
86) p-Isopropyltoluene	13.367	119	222686	21.076	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	122184	20.864	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	122506	20.762	ug/l	99
89) n-Butylbenzene	13.697	91	205869	21.007	ug/l	99
90) Hexachloroethane	13.959	117	44253	21.019	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	109526	20.823	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9730	19.594	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	67581	20.282	ug/l	98
94) Hexachlorobutadiene	15.111	225	42956	22.330	ug/l	97
95) Naphthalene	15.239	128	125034	18.487	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	57969	19.253	ug/l	96

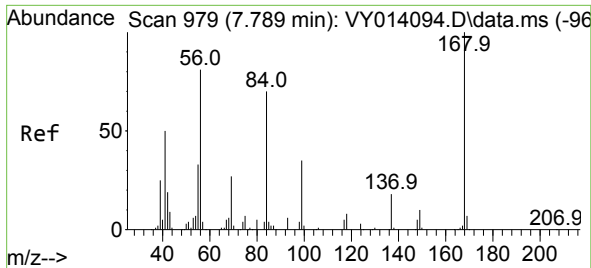
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061323\
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Response via : Initial Calibration

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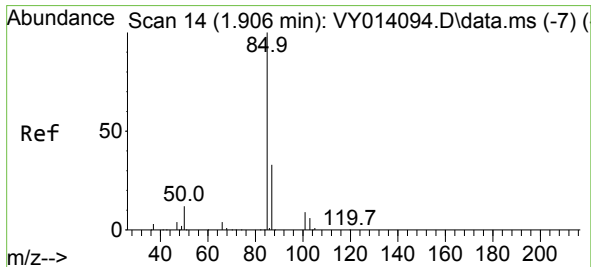
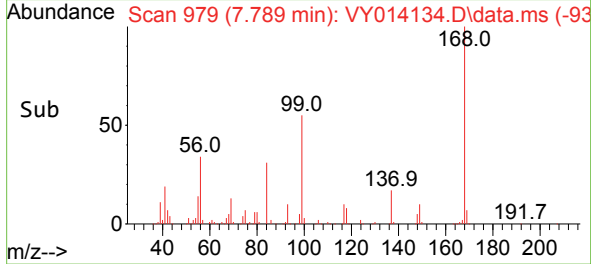
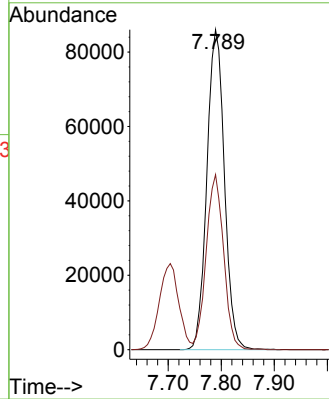
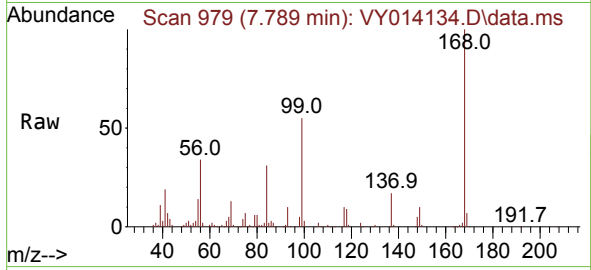
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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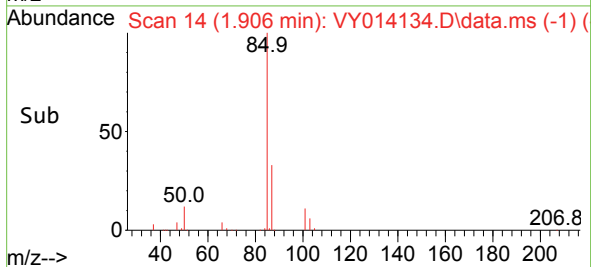
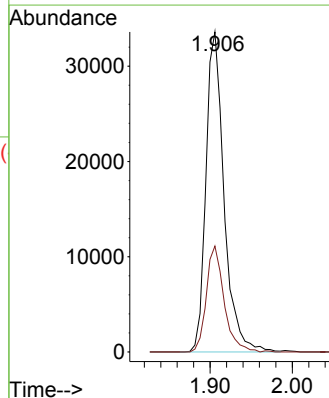
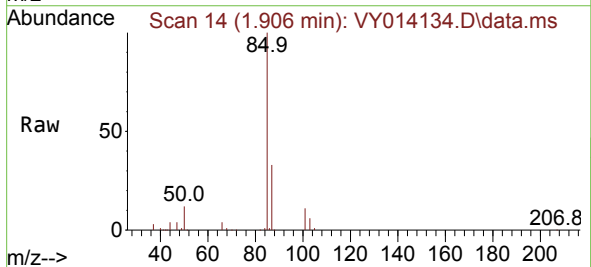
Instrument :
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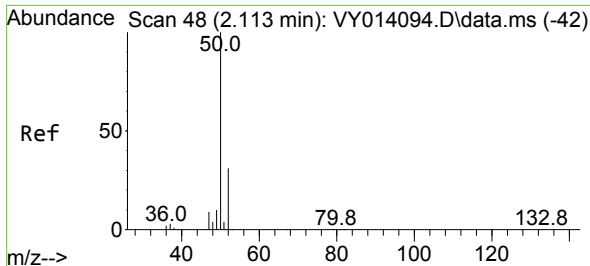
Tgt Ion:168 Resp: 197321
Ion Ratio Lower Upper
168 100
99 54.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.385 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 85 Resp: 51425
Ion Ratio Lower Upper
85 100
87 33.1 15.6 46.8

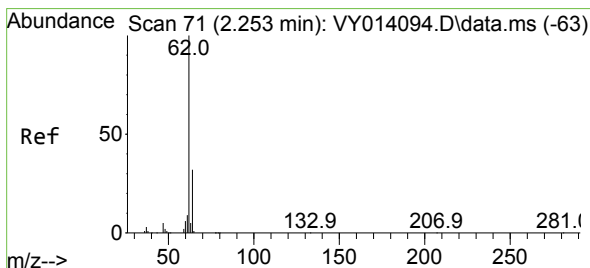
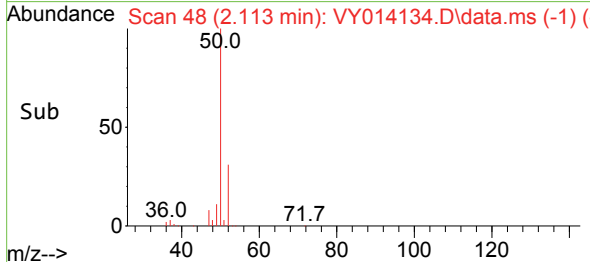
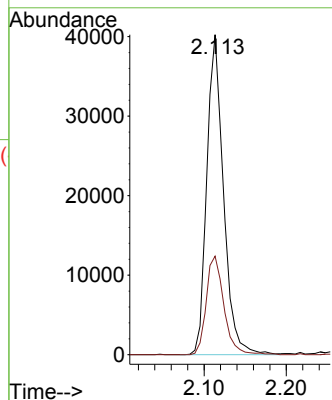
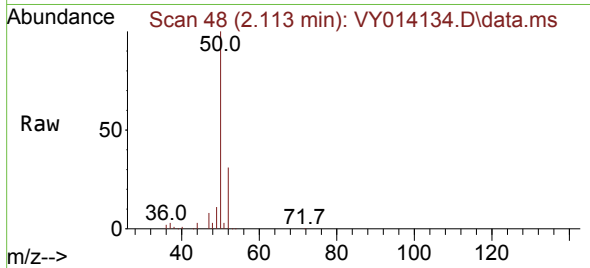




#3
Chloromethane
Concen: 20.354 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

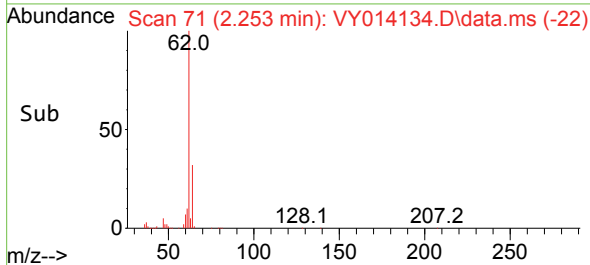
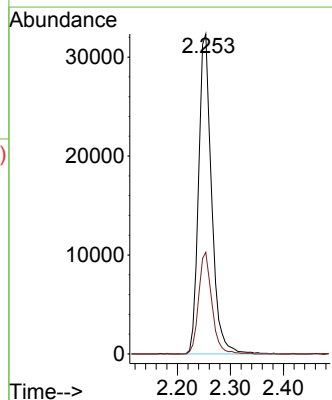
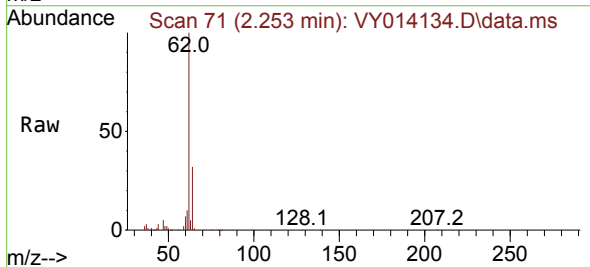
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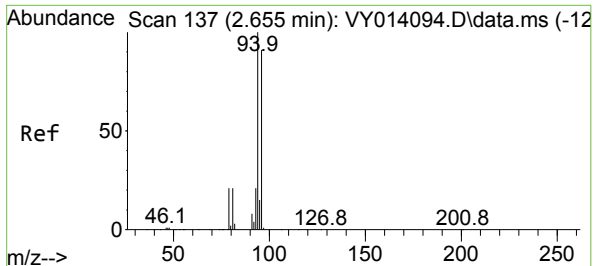
Tgt Ion: 50 Resp: 56754
Ion Ratio Lower Upper
50 100
52 30.8 25.4 38.2



#4
Vinyl Chloride
Concen: 20.371 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 62 Resp: 55226
Ion Ratio Lower Upper
62 100
64 31.7 24.3 36.5

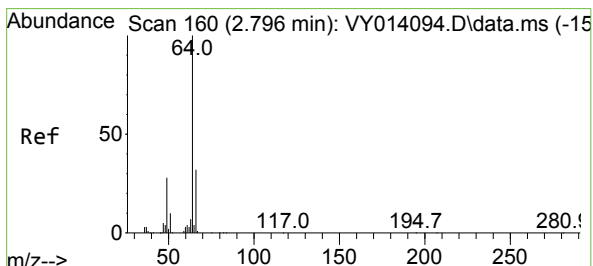
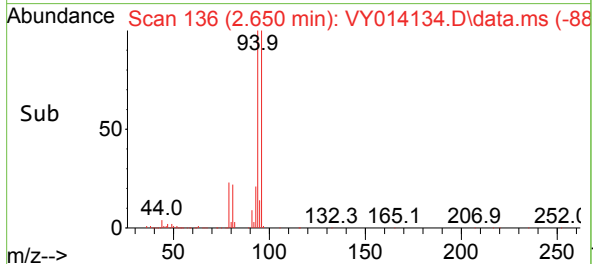
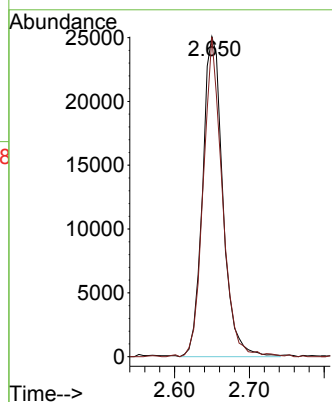
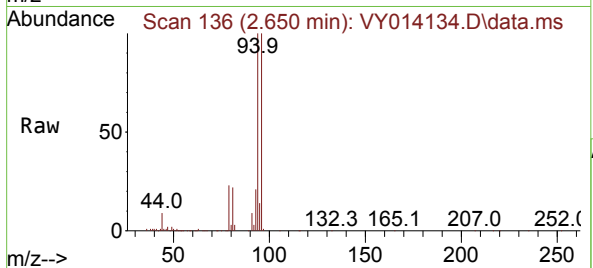




#5
Bromomethane
Concen: 21.157 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

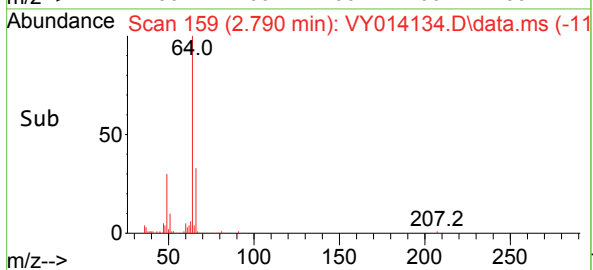
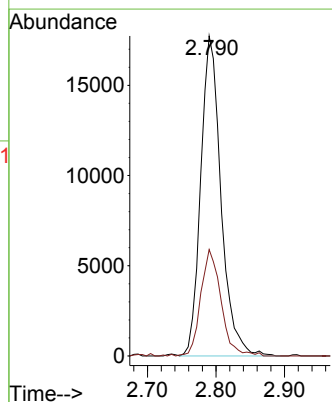
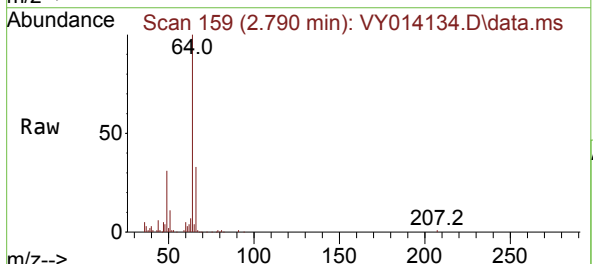
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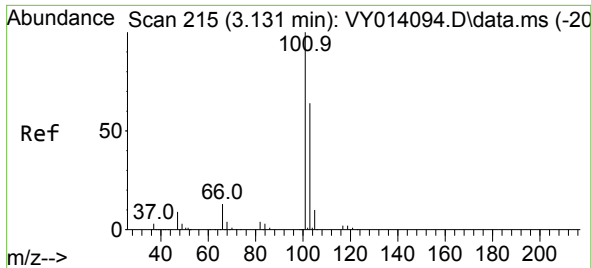
Tgt Ion: 94 Resp: 47325
Ion Ratio Lower Upper
94 100
96 99.8 75.8 113.6



#6
Chloroethane
Concen: 19.851 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 64 Resp: 36568
Ion Ratio Lower Upper
64 100
66 33.2 24.4 36.6

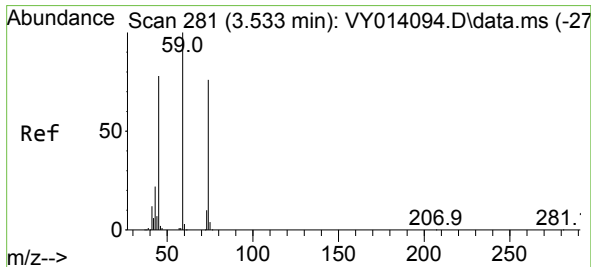
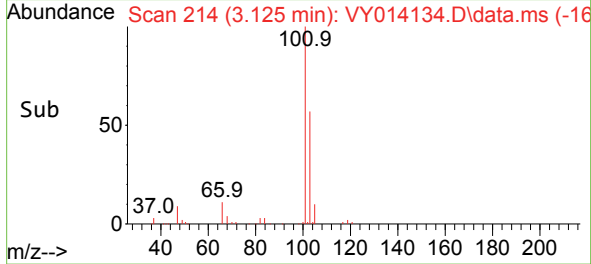
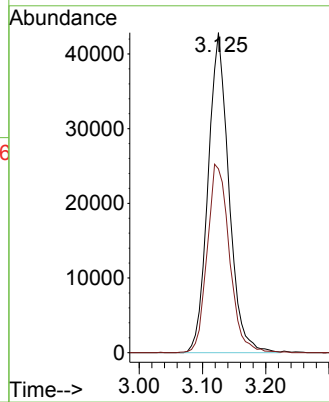
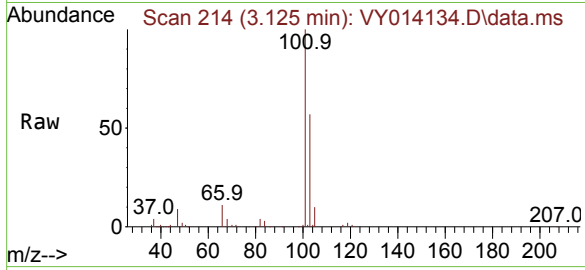




#7
 Trichlorofluoromethane
 Concen: 22.186 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY014134.D
 Acq: 13 Jun 2023 12:41

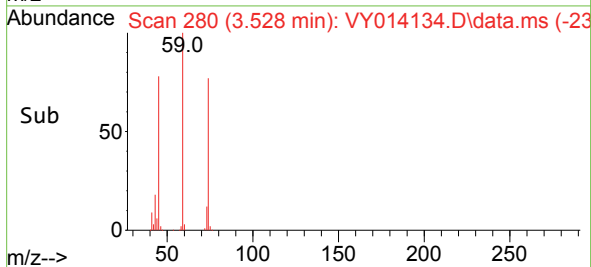
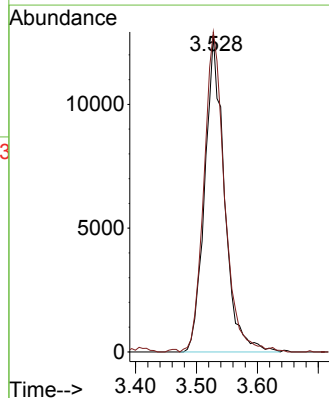
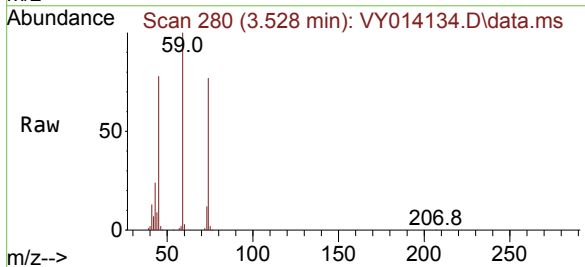
Instrument :
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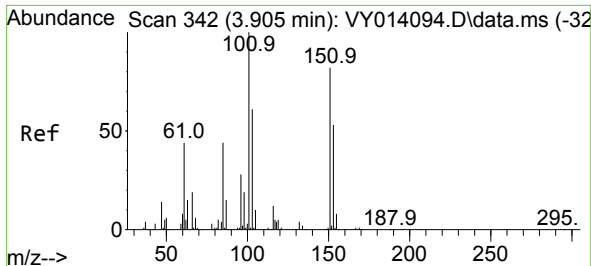
Tgt Ion:101 Resp: 97714
 Ion Ratio Lower Upper
 101 100
 103 57.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.457 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.005 min
 Lab File: VY014134.D
 Acq: 13 Jun 2023 12:41

Tgt Ion: 74 Resp: 28614
 Ion Ratio Lower Upper
 74 100
 45 106.9 51.5 154.5

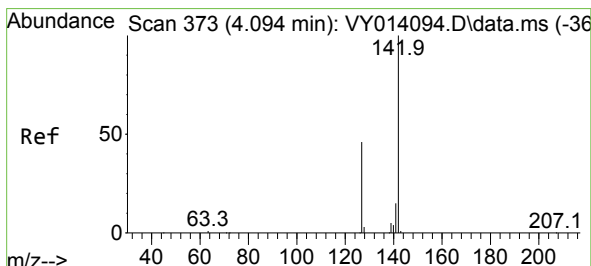
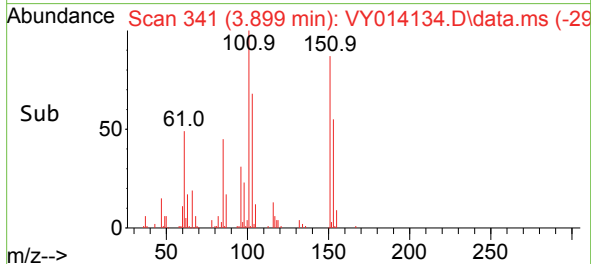
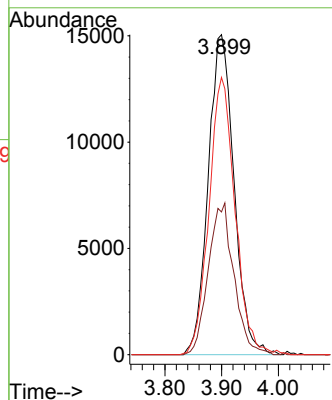
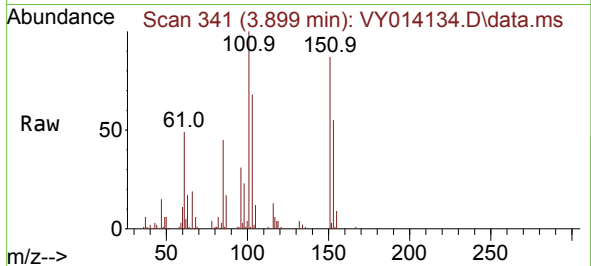




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.464 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
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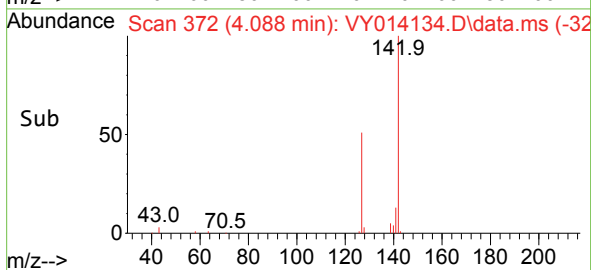
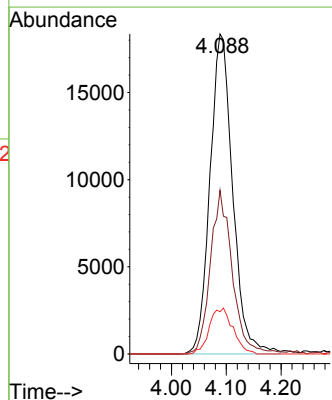
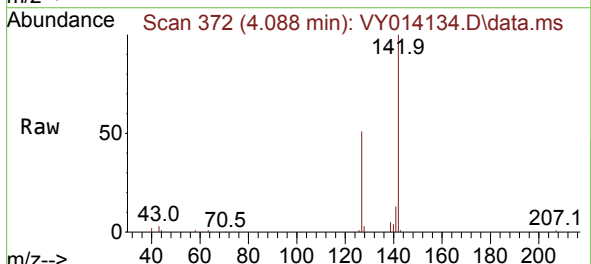
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

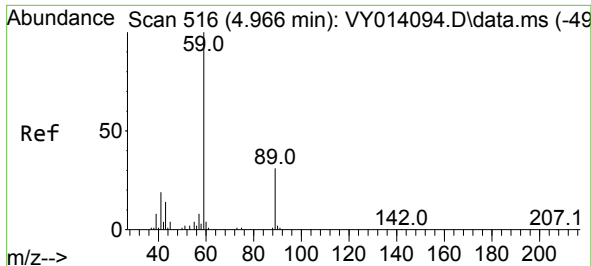
Tgt Ion:101 Resp: 47709
Ion Ratio Lower Upper
101 100
85 46.9 36.6 55.0
151 87.5 67.0 100.6



#10
Methyl Iodide
Concen: 17.985 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion:142 Resp: 52787
Ion Ratio Lower Upper
142 100
127 49.2 37.6 56.4
141 14.9 11.8 17.8

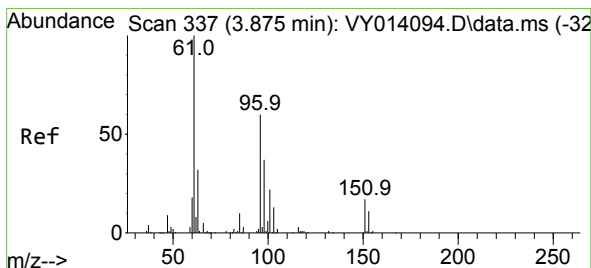
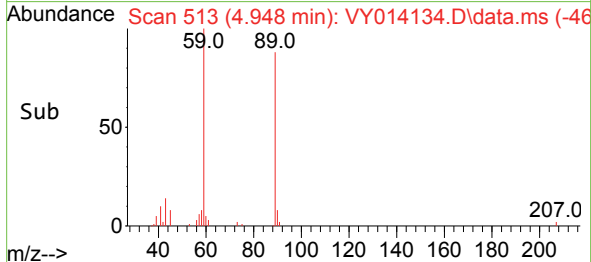
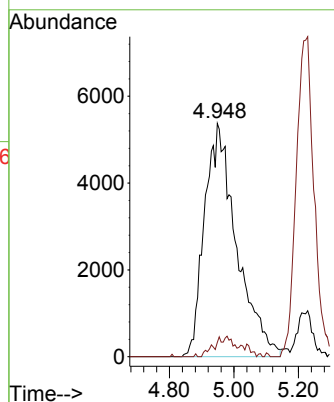
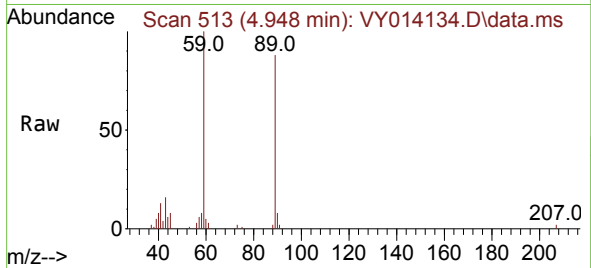




#11
Tert butyl alcohol
Concen: 104.778 ug/l
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

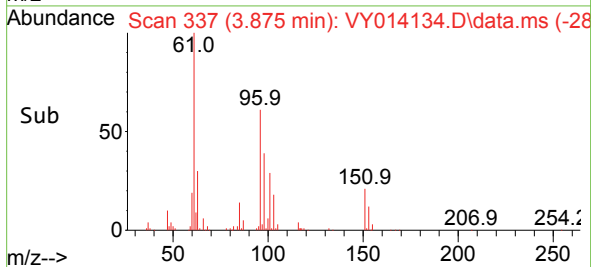
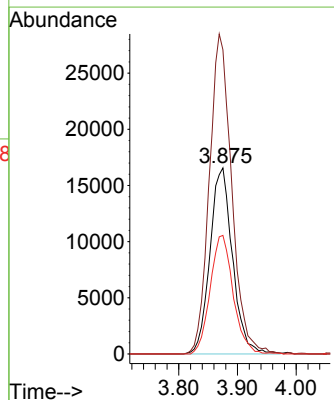
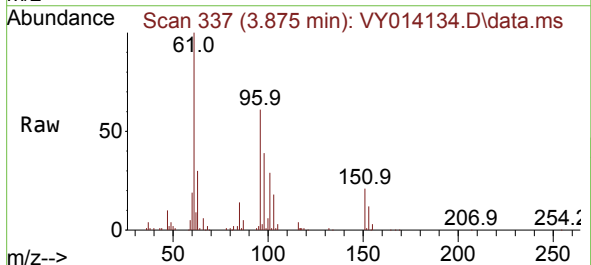
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

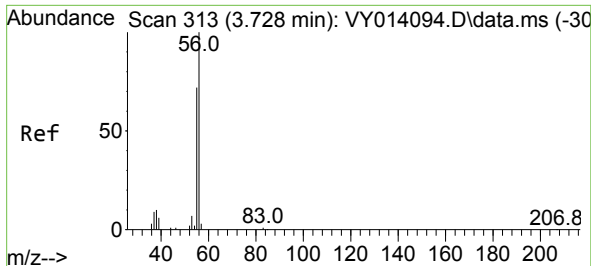
Tgt Ion: 59 Resp: 37116
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.644 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 96 Resp: 44258
Ion Ratio Lower Upper
96 100
61 163.4 136.4 204.6
98 63.7 49.4 74.2

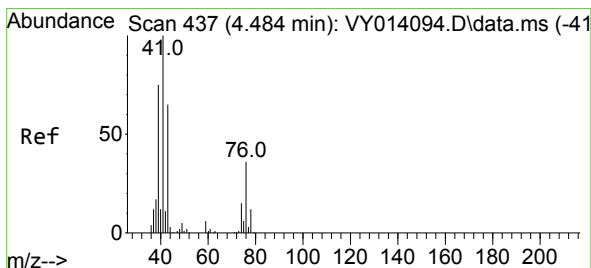
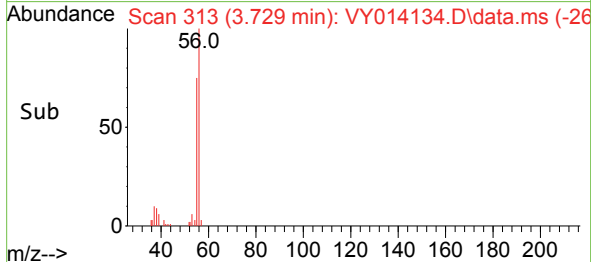
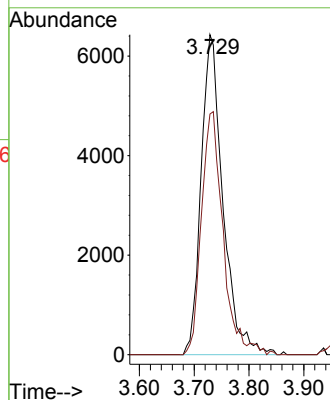
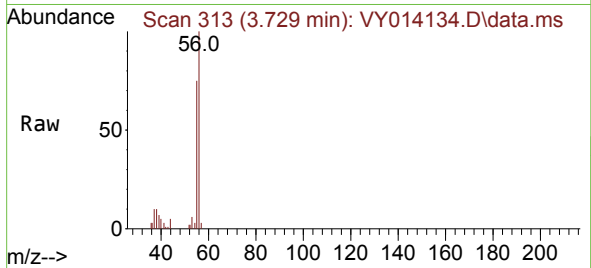




#13
Acrolein
Concen: 122.017 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

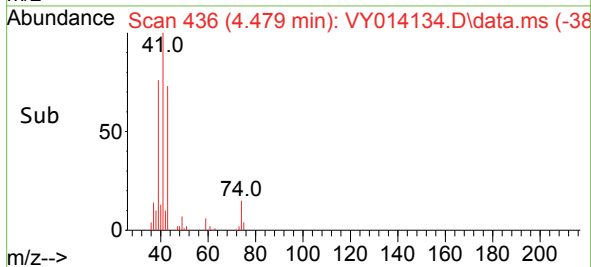
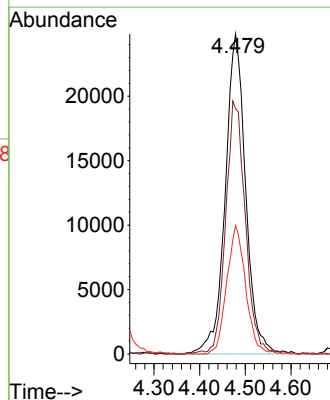
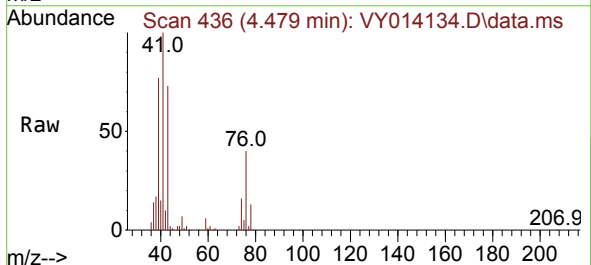
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

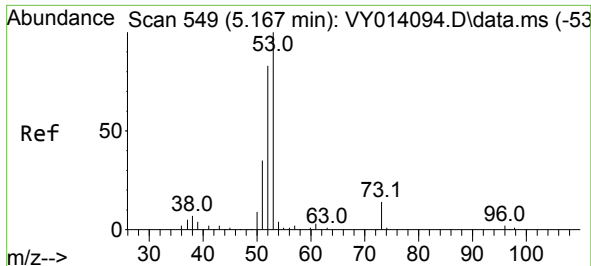
Tgt Ion: 56 Resp: 17769
Ion Ratio Lower Upper
56 100
55 73.4 57.0 85.4



#14
Allyl chloride
Concen: 18.879 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.005 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 41 Resp: 77099
Ion Ratio Lower Upper
41 100
39 76.3 58.0 87.0
76 37.2 27.4 41.2

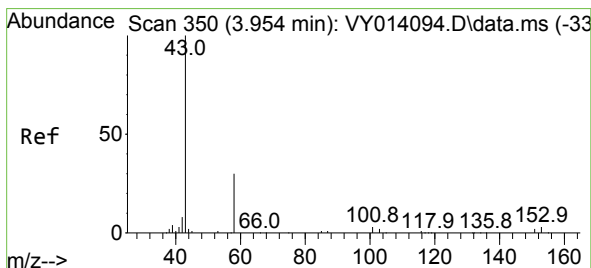
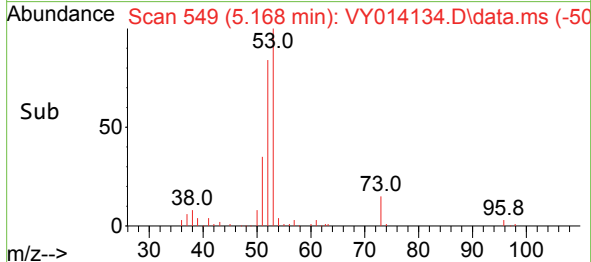
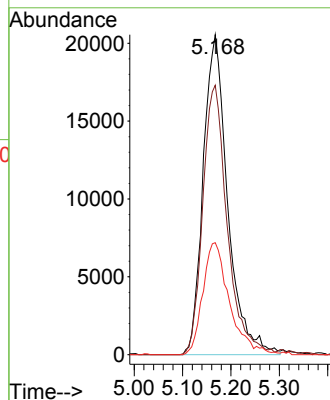
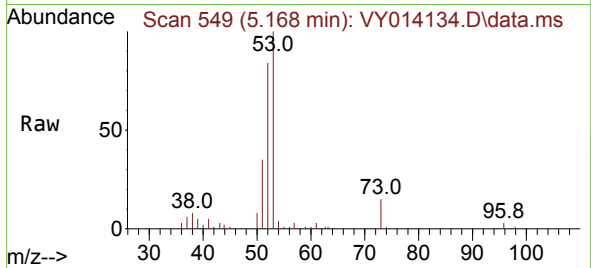




#15
Acrylonitrile
Concen: 95.175 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.001 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

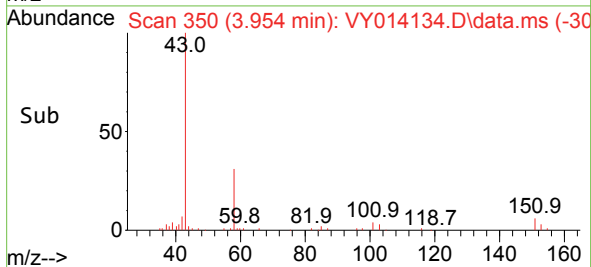
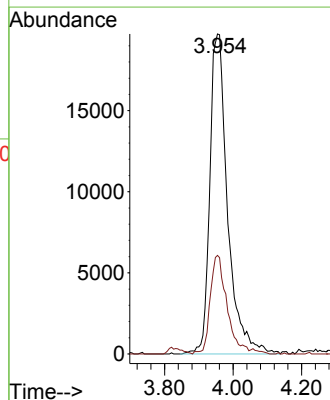
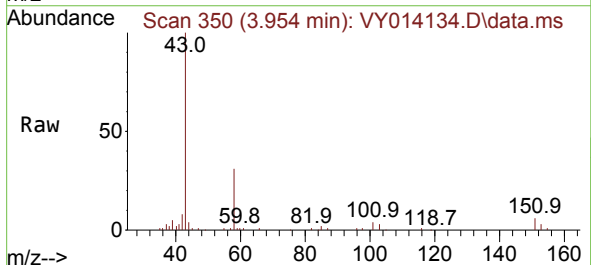
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

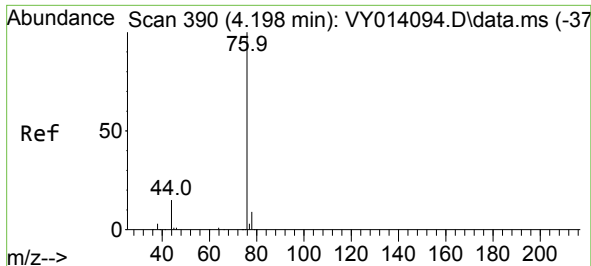
Tgt Ion:	53	Resp:	72195
Ion	Ratio	Lower	Upper
53	100		
52	84.2	66.9	100.3
51	38.3	29.8	44.6



#16
Acetone
Concen: 85.984 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion:	43	Resp:	71216
Ion	Ratio	Lower	Upper
43	100		
58	30.8	22.7	34.1

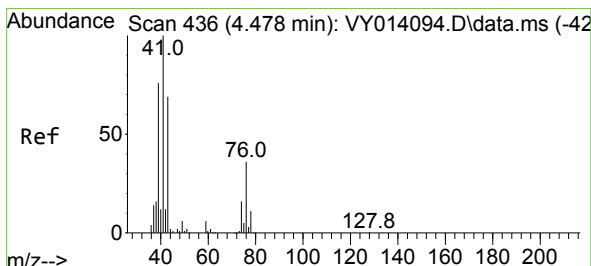
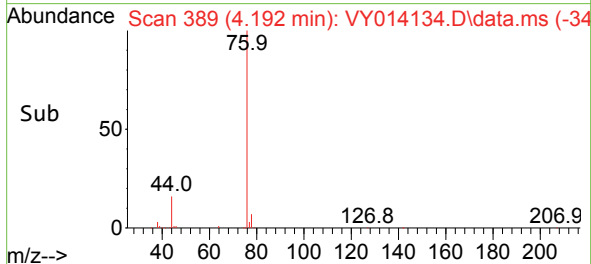
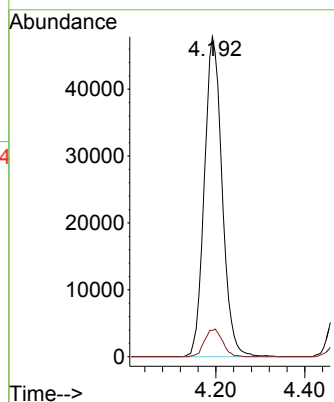
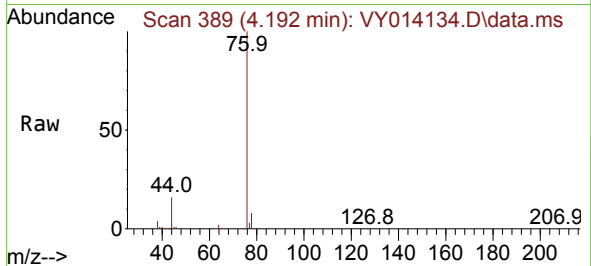




#17
Carbon Disulfide
Concen: 18.259 ug/l
RT: 4.192 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

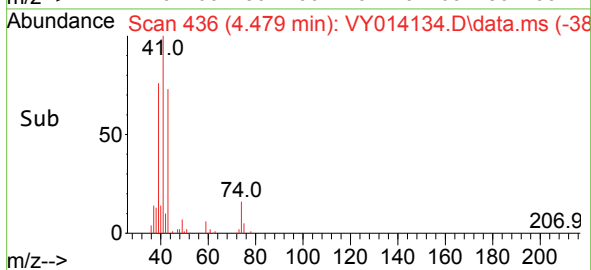
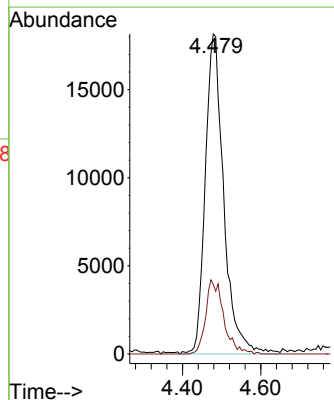
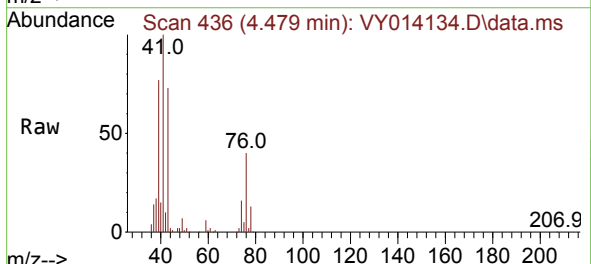
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

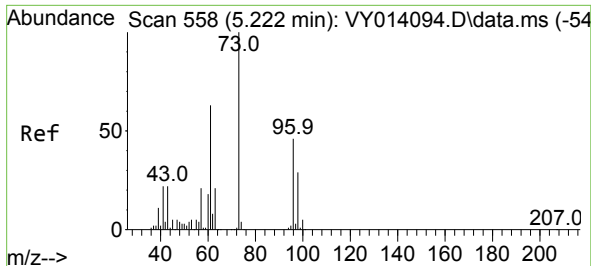
Tgt Ion: 76 Resp: 133300
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4



#18
Methyl Acetate
Concen: 18.481 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 43 Resp: 59414
Ion Ratio Lower Upper
43 100
74 22.5 17.4 26.0

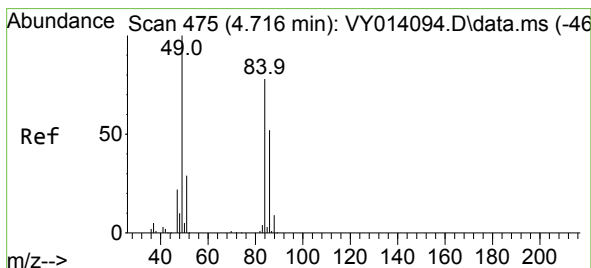
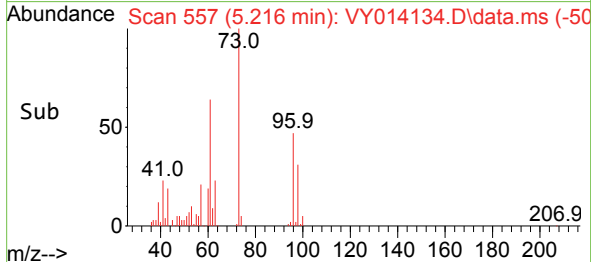
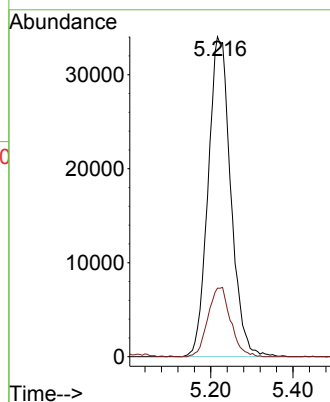
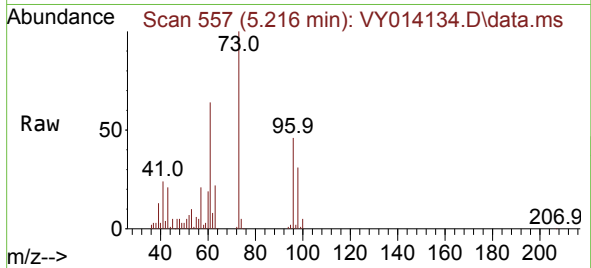




#19
Methyl tert-butyl Ether
Concen: 19.545 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

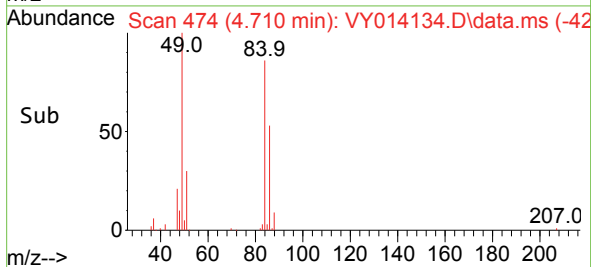
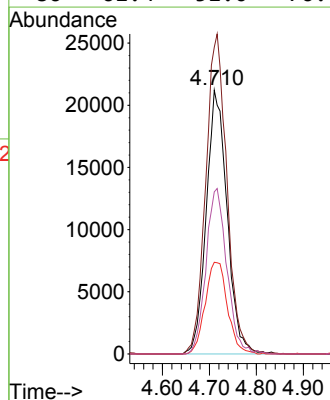
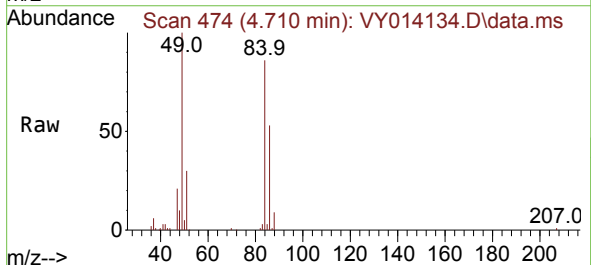
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

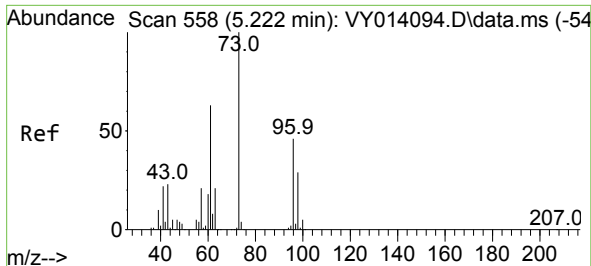
Tgt Ion: 73 Resp: 129869
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 22.747 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 84 Resp: 65316
Ion Ratio Lower Upper
84 100
49 116.2 106.9 160.3
51 34.7 33.2 49.8
86 61.4 51.0 76.6

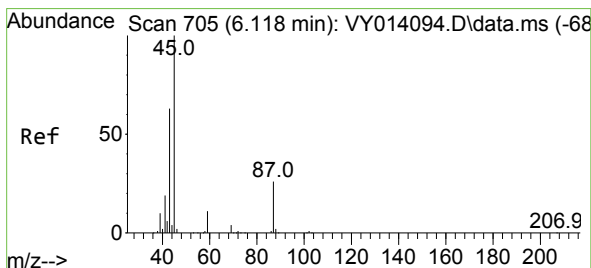
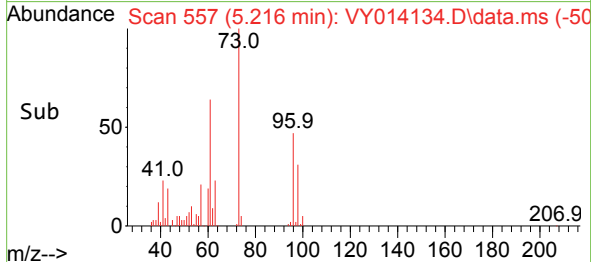
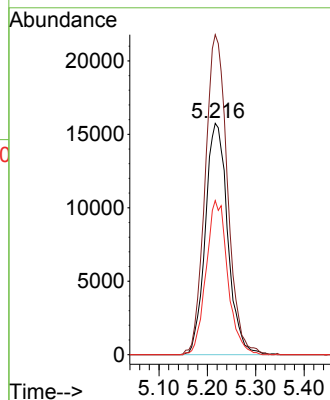
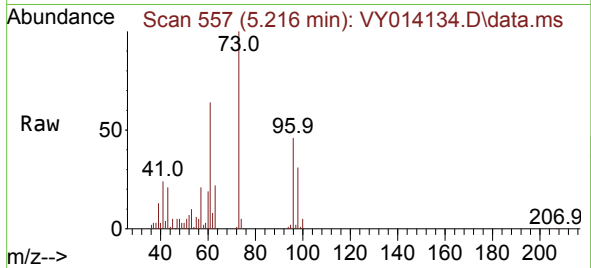




#21
trans-1,2-Dichloroethene
Concen: 20.117 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

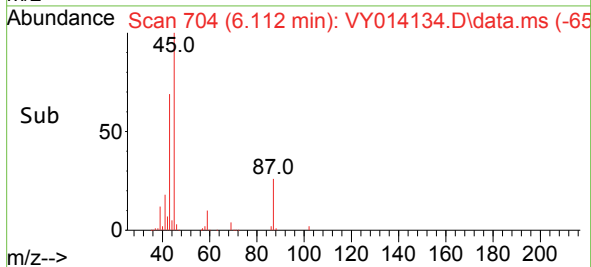
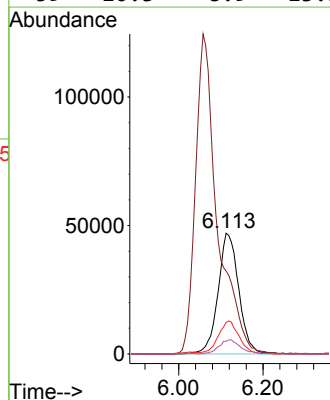
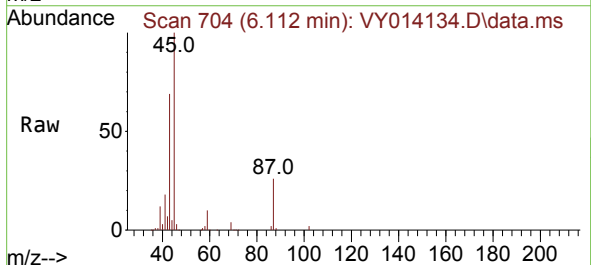
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

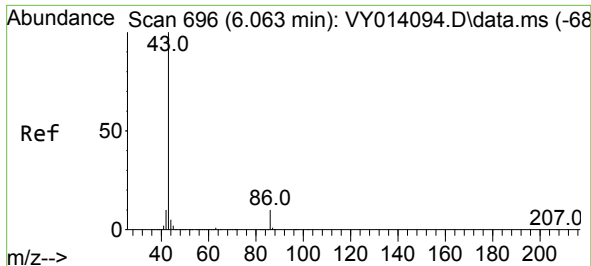
Tgt Ion: 96 Resp: 50550
Ion Ratio Lower Upper
96 100
61 138.3 110.2 165.4
98 66.6 51.8 77.6



#22
Diisopropyl ether
Concen: 20.383 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 45 Resp: 159380
Ion Ratio Lower Upper
45 100
43 68.1 52.2 78.4
87 26.2 21.0 31.6
59 10.3 8.9 13.3

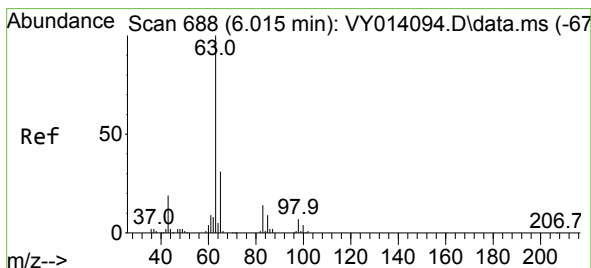
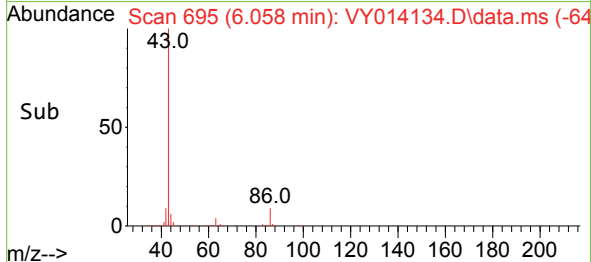
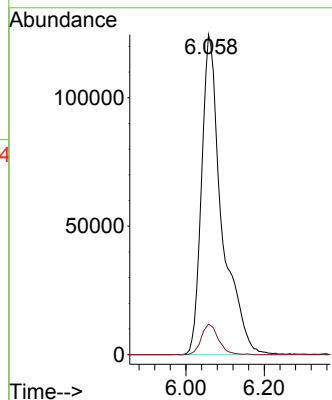
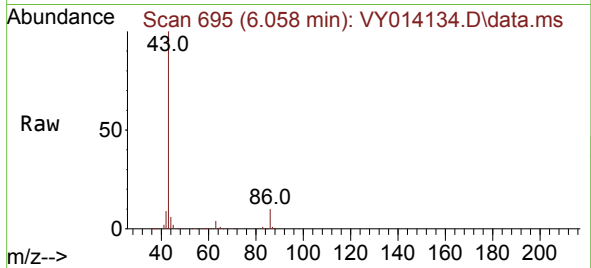




#23
 Vinyl Acetate
 Concen: 97.217 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.005 min
 Lab File: VY014134.D
 Acq: 13 Jun 2023 12:41

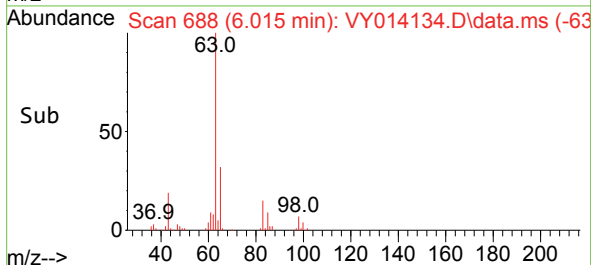
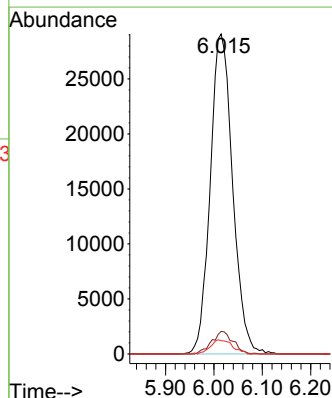
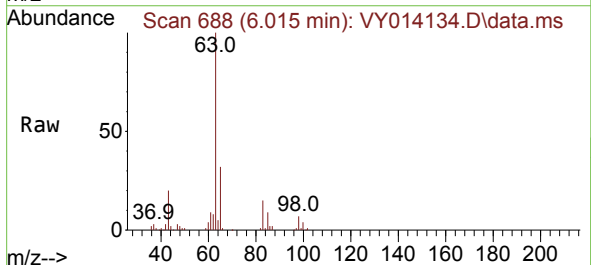
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBSD01

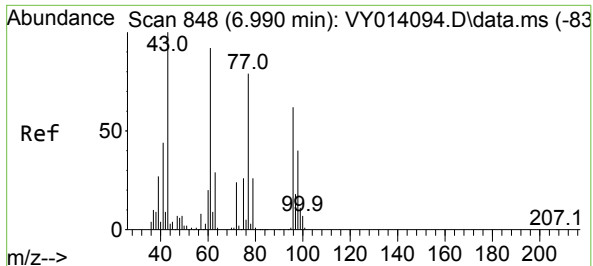
Tgt Ion: 43 Resp: 448509
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.802 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014134.D
 Acq: 13 Jun 2023 12:41

Tgt Ion: 63 Resp: 93780
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.2 1.8 5.5





#25

2-Butanone

Concen: 93.086 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

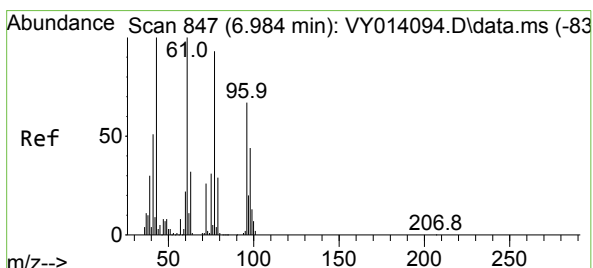
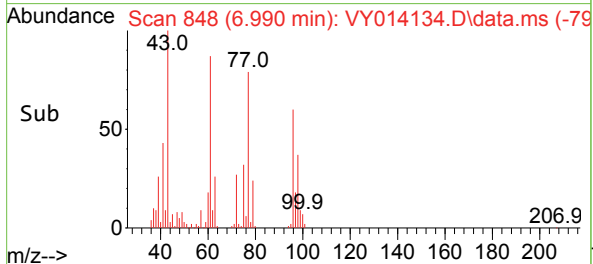
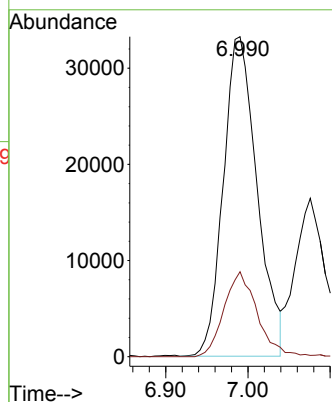
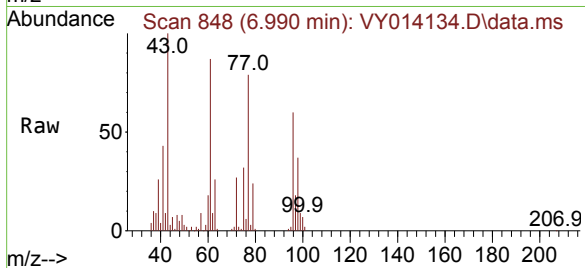
VY0613SBS01

Tgt Ion: 43 Resp: 94905

Ion Ratio Lower Upper

43 100

72 26.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.827 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014134.D

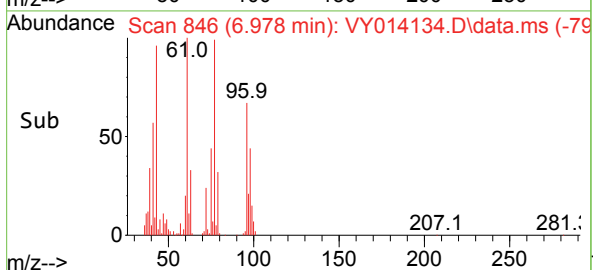
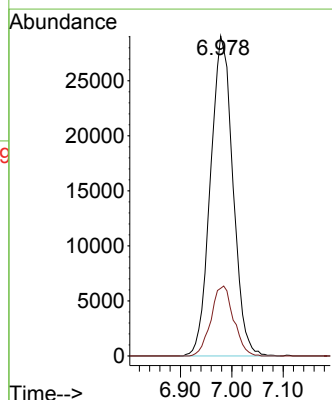
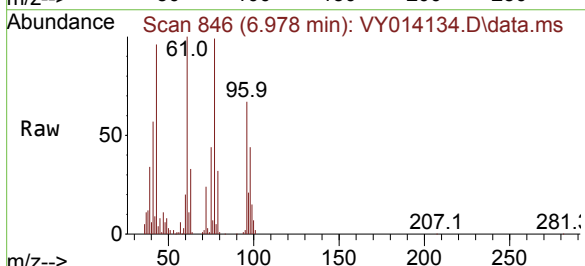
Acq: 13 Jun 2023 12:41

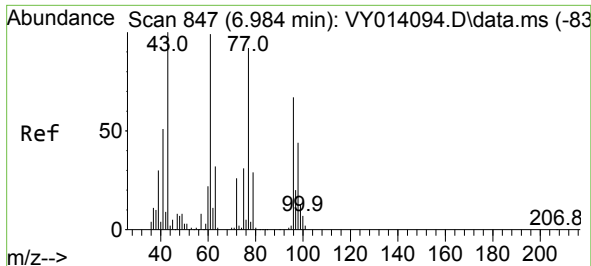
Tgt Ion: 77 Resp: 88188

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.9

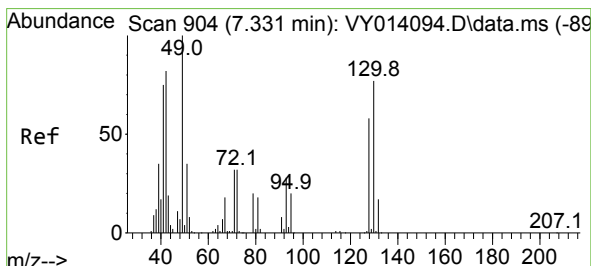
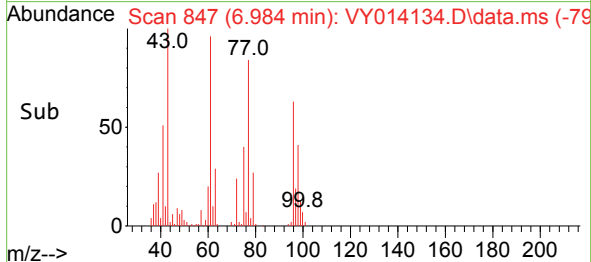
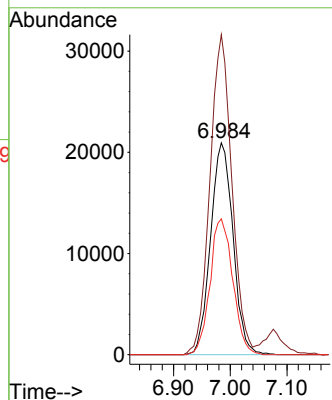
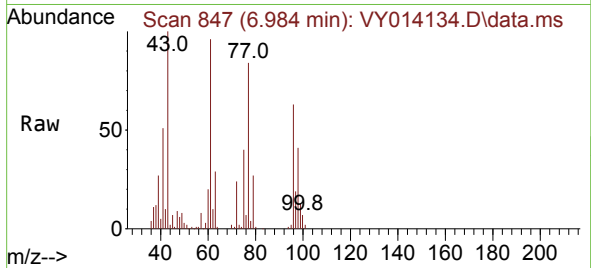




#27
 cis-1,2-Dichloroethene
 Concen: 20.506 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY014134.D
 Acq: 13 Jun 2023 12:41

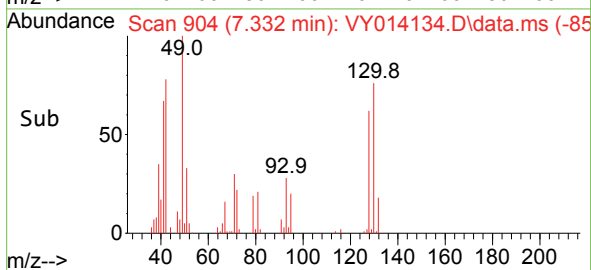
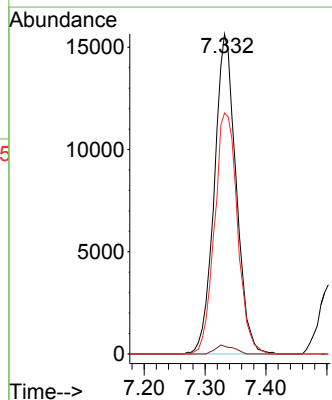
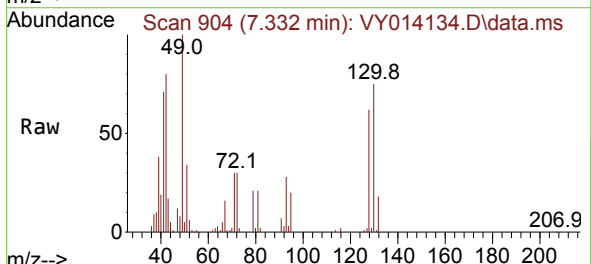
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBSD01

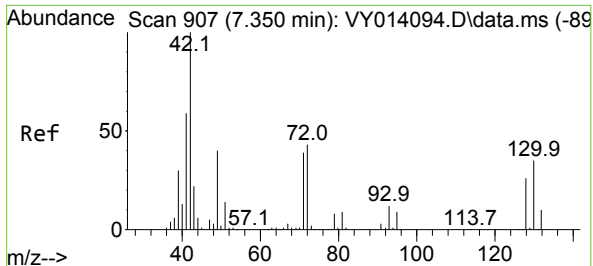
Tgt Ion: 96 Resp: 57644
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 301.4
 98 64.9 0.0 130.4



#28
 Bromochloromethane
 Concen: 21.141 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.001 min
 Lab File: VY014134.D
 Acq: 13 Jun 2023 12:41

Tgt Ion: 49 Resp: 38760
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 79.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 93.667 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

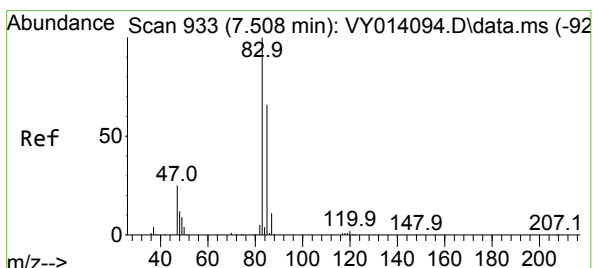
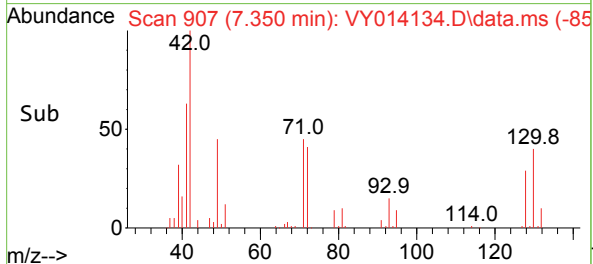
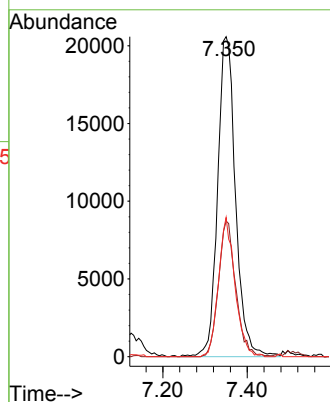
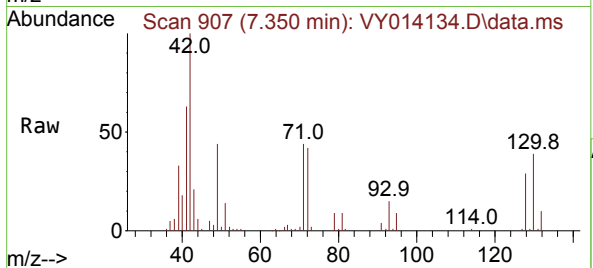
Tgt Ion: 42 Resp: 60556

Ion Ratio Lower Upper

42 100

72 40.8 32.8 49.2

71 40.1 31.0 46.4



#30

Chloroform

Concen: 21.334 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014134.D

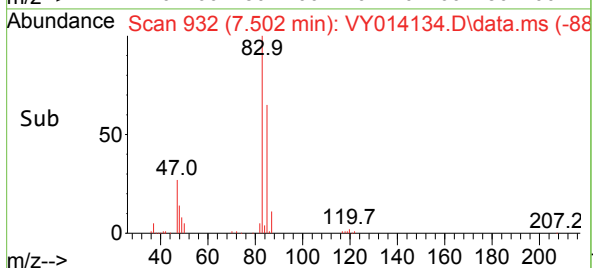
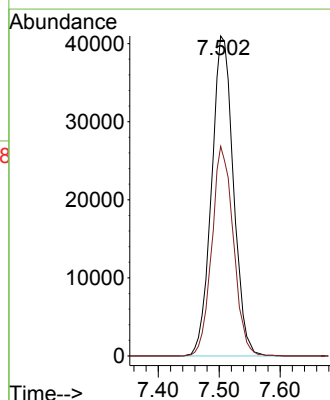
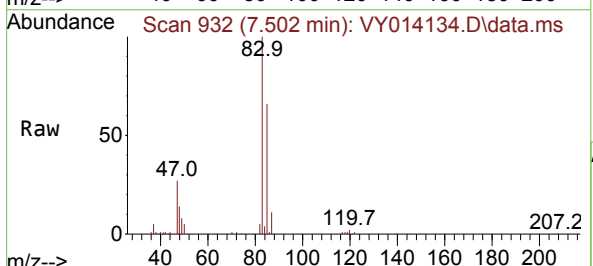
Acq: 13 Jun 2023 12:41

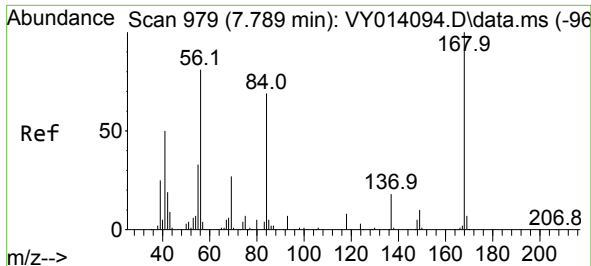
Tgt Ion: 83 Resp: 102035

Ion Ratio Lower Upper

83 100

85 65.5 49.7 74.5

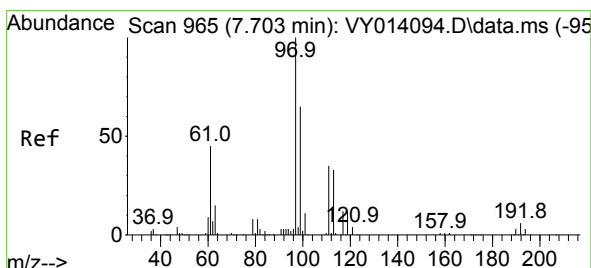
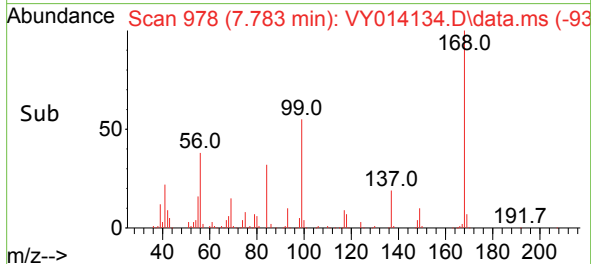
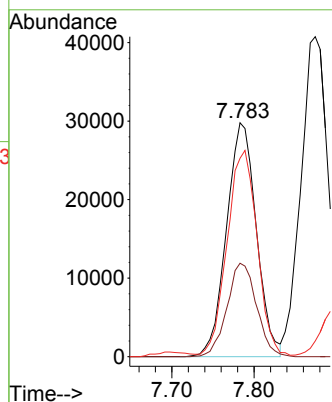
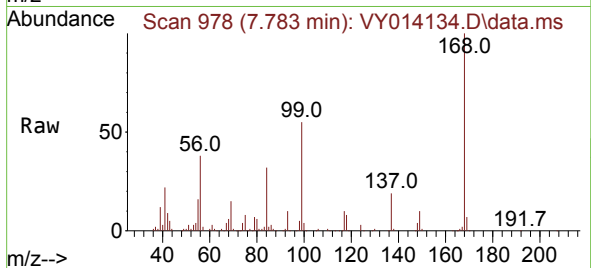




#31
Cyclohexane
Concen: 20.431 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

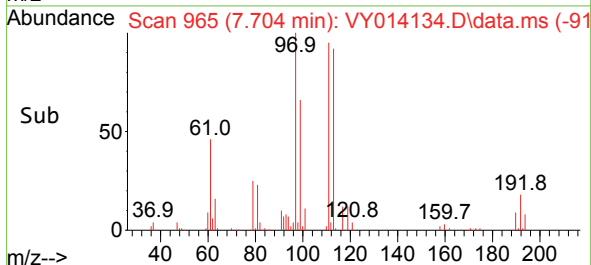
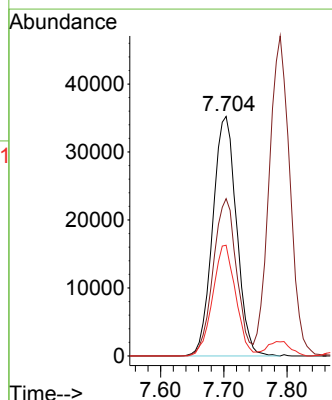
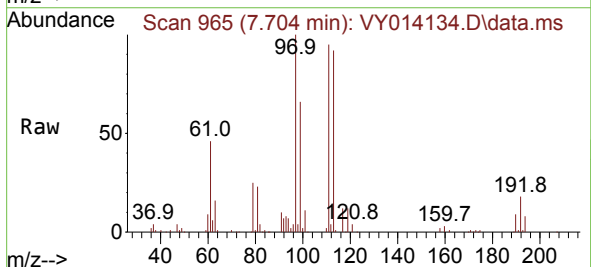
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

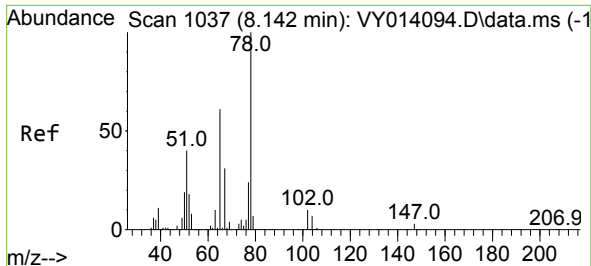
Tgt Ion: 56 Resp: 75203
Ion Ratio Lower Upper
56 100
69 39.9 27.8 41.6
84 83.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.289 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 97 Resp: 91836
Ion Ratio Lower Upper
97 100
99 65.1 50.8 76.2
61 45.0 35.1 52.7

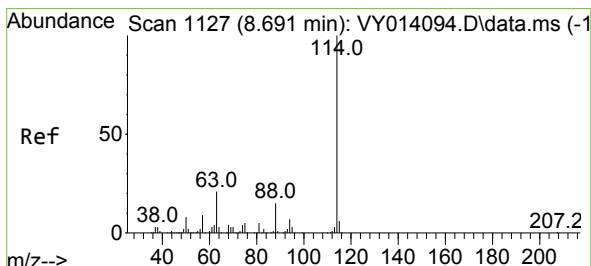
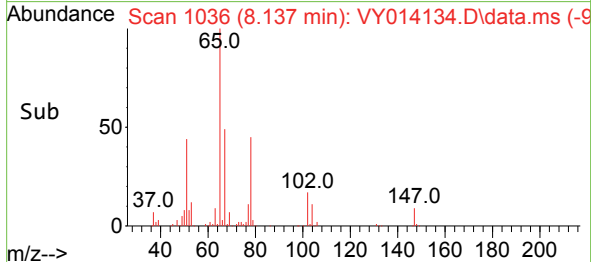
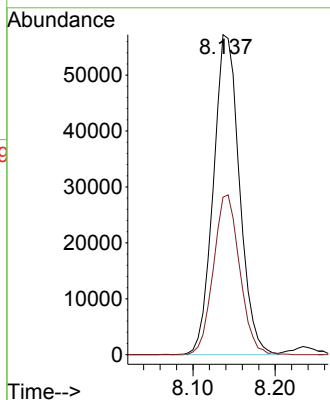
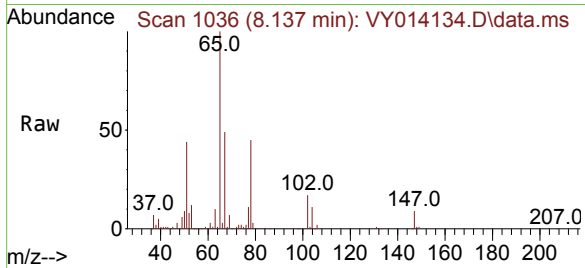




#33
1,2-Dichloroethane-d4
Concen: 45.966 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

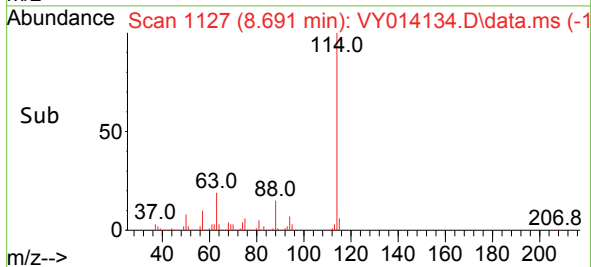
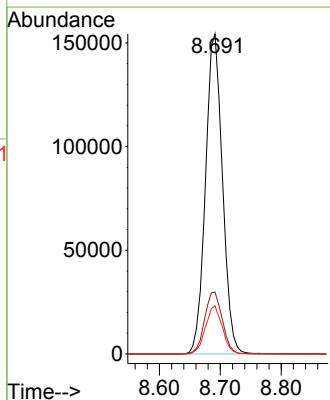
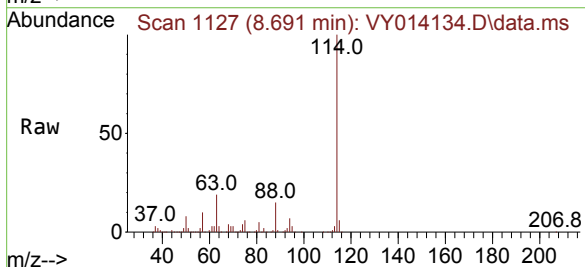
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

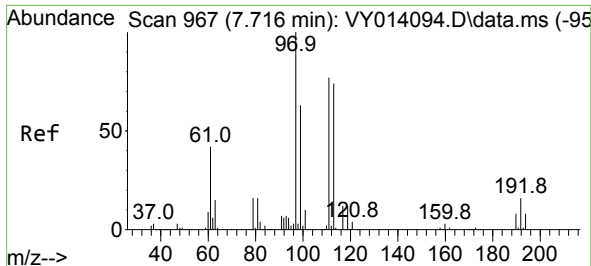
Tgt Ion: 65 Resp: 126303
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 114 Resp: 299263
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 15.0 0.0 30.6

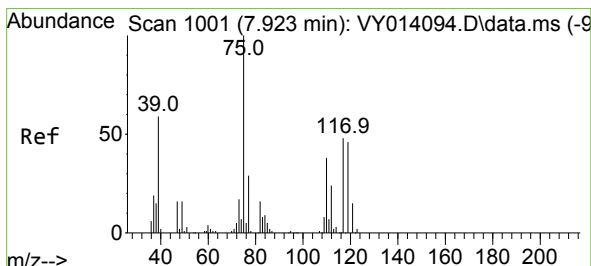
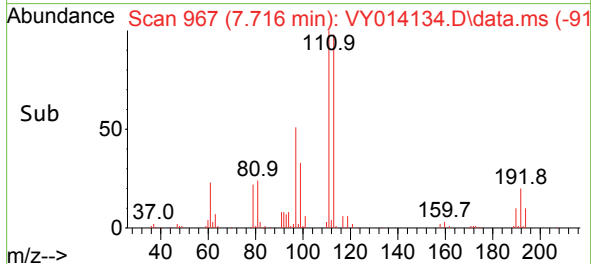
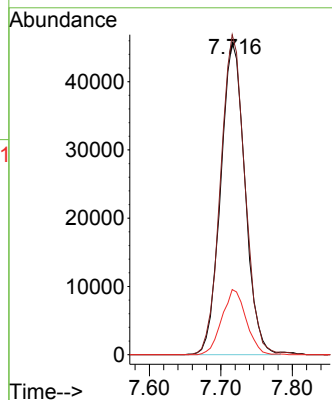
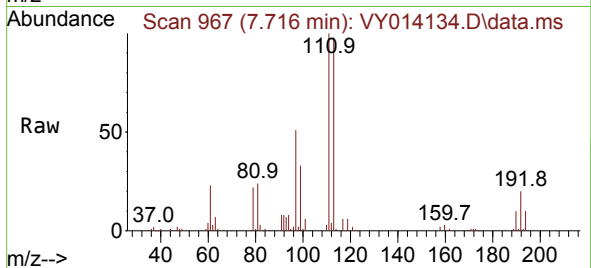




#35
 Dibromofluoromethane
 Concen: 50.799 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY014134.D
 Acq: 13 Jun 2023 12:41

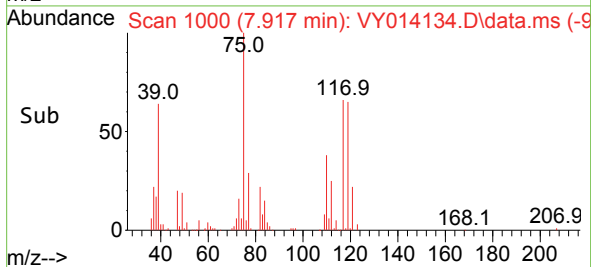
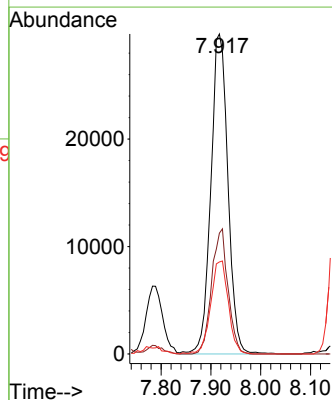
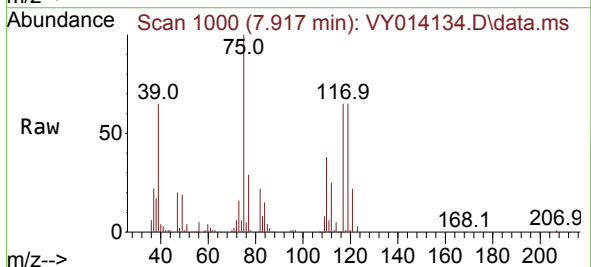
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBSD01

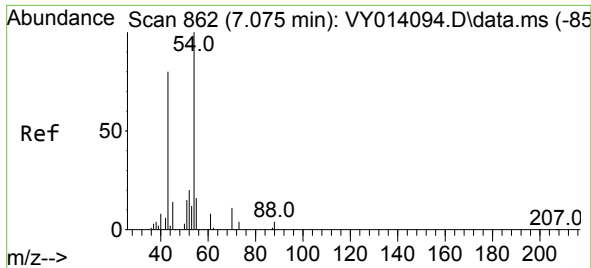
Tgt Ion:113 Resp: 107810
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.3 121.9
 192 20.8 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 21.450 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. -0.006 min
 Lab File: VY014134.D
 Acq: 13 Jun 2023 12:41

Tgt Ion: 75 Resp: 70973
 Ion Ratio Lower Upper
 75 100
 110 37.4 17.8 53.5
 77 30.0 24.4 36.6

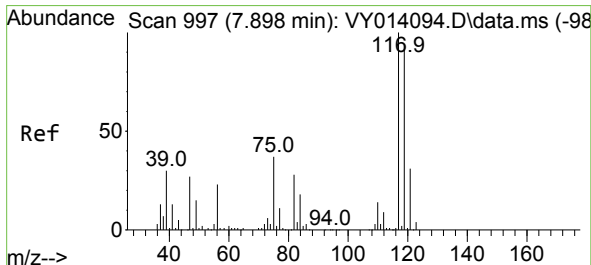
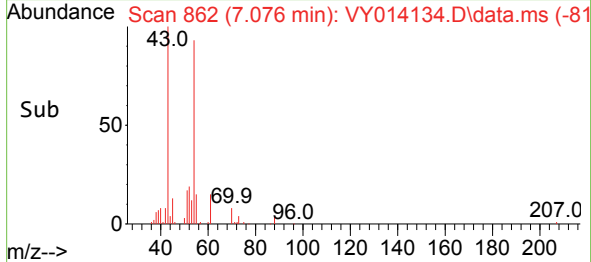
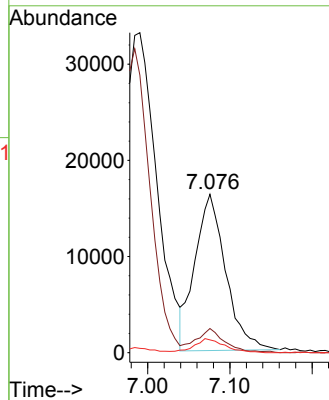
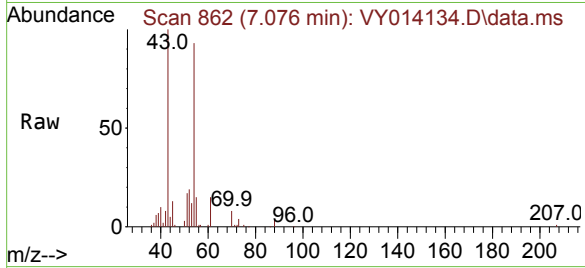




#37
Ethyl Acetate
Concen: 18.547 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.001 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

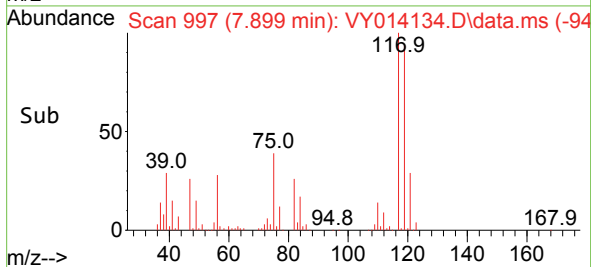
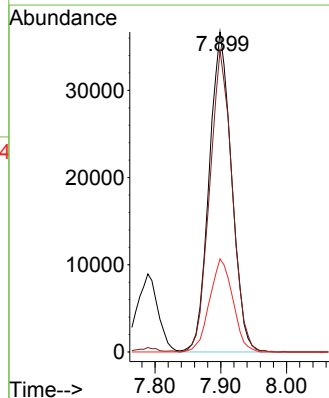
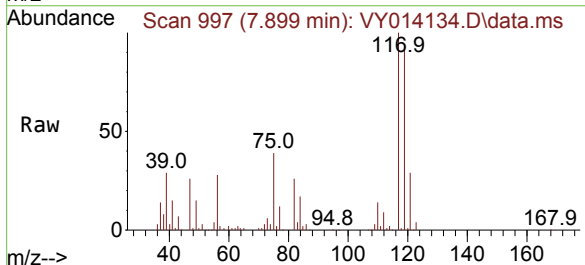
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

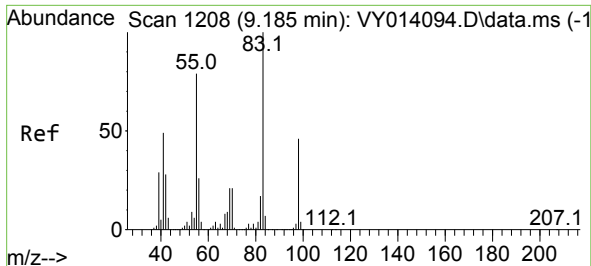
Tgt Ion: 43 Resp: 42342
Ion Ratio Lower Upper
43 100
61 13.8 10.1 15.1
70 8.8 7.1 10.7



#38
Carbon Tetrachloride
Concen: 22.849 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.001 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 117 Resp: 87243
Ion Ratio Lower Upper
117 100
119 94.3 76.4 114.6
121 29.1 25.8 38.6





#39

Methylcyclohexane

Concen: 21.895 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

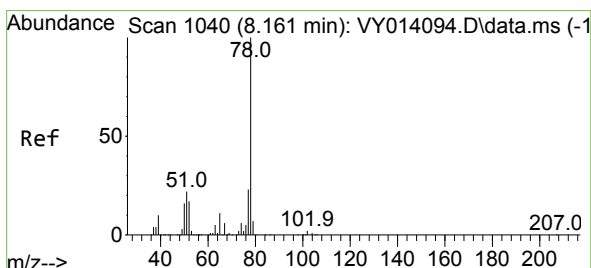
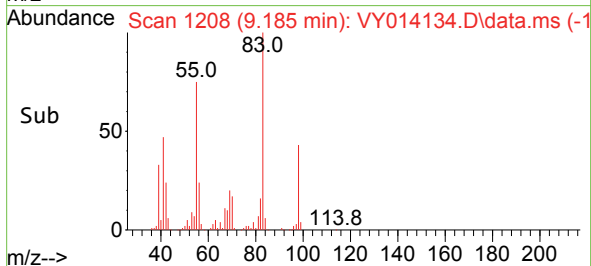
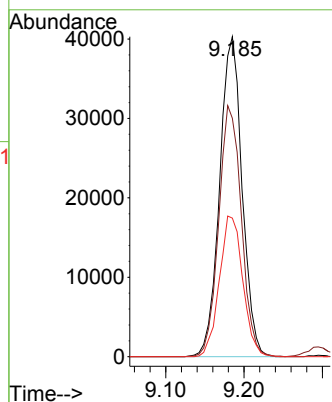
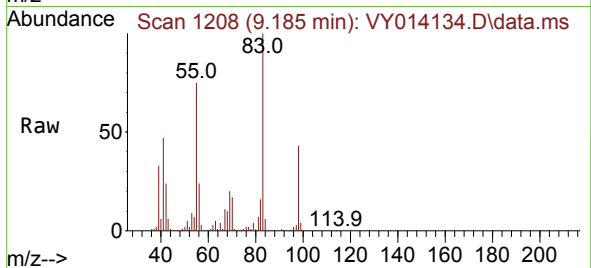
Tgt Ion: 83 Resp: 80376

Ion Ratio Lower Upper

83 100

55 74.5 63.0 94.4

98 43.3 37.4 56.2



#40

Benzene

Concen: 20.996 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014134.D

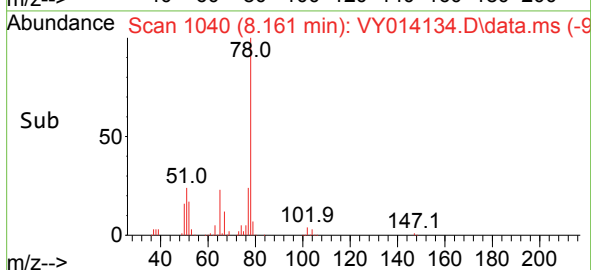
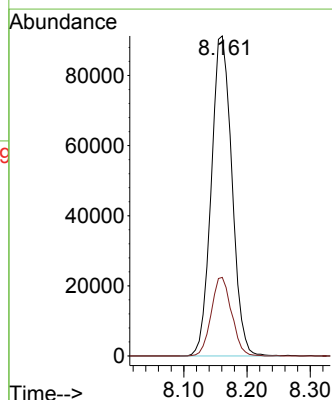
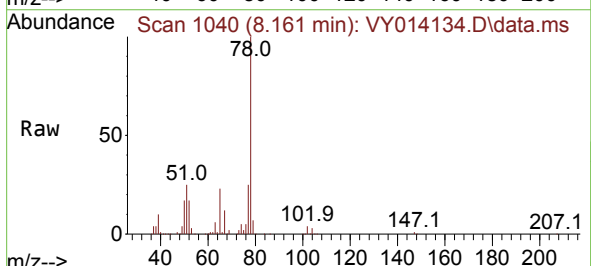
Acq: 13 Jun 2023 12:41

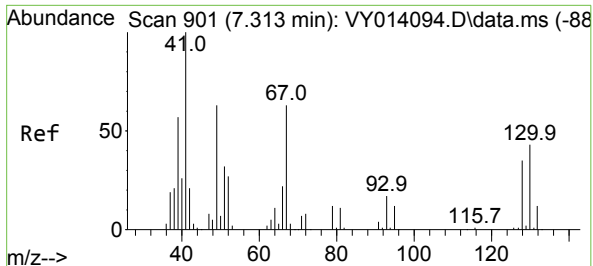
Tgt Ion: 78 Resp: 206575

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.6

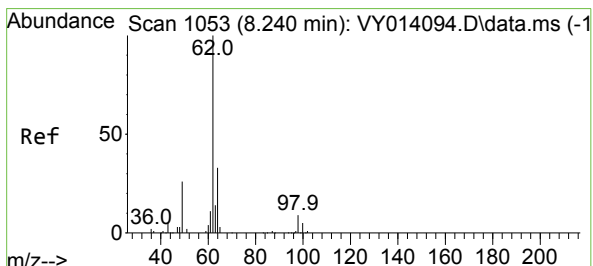
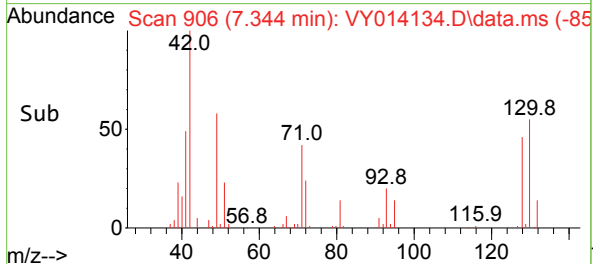
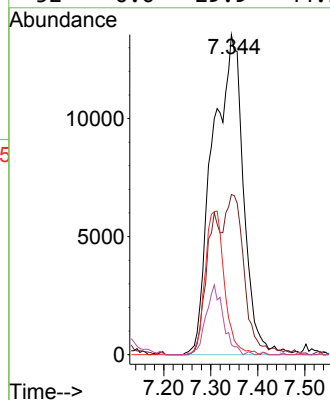
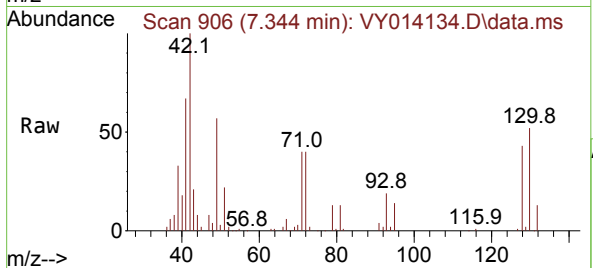




#41
Methacrylonitrile
Concen: 52.605 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

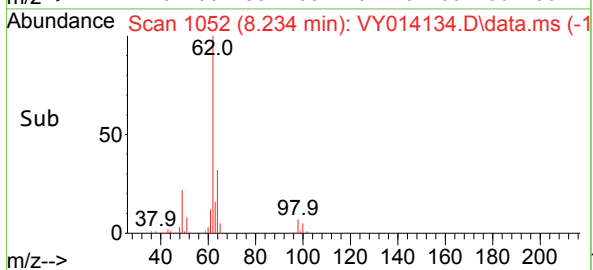
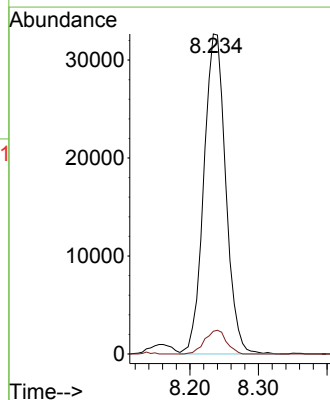
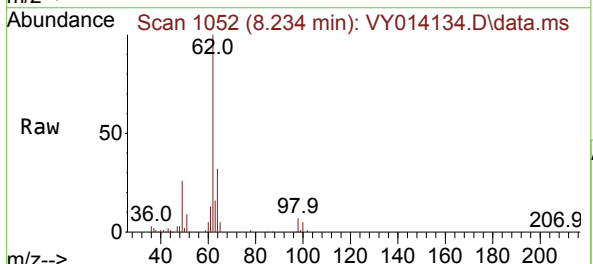
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

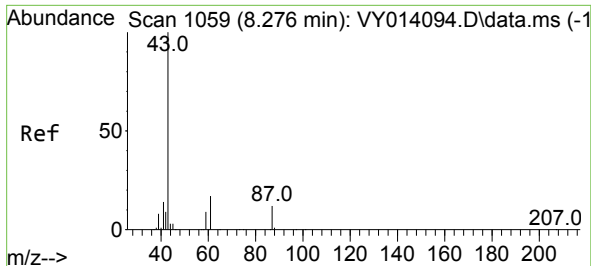
Tgt Ion: 41 Resp: 61291
Ion Ratio Lower Upper
41 100
39 29.7 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.901 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 62 Resp: 72719
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.8

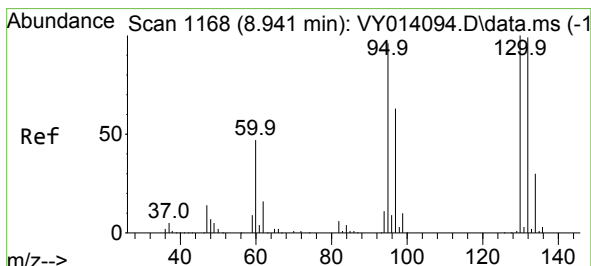
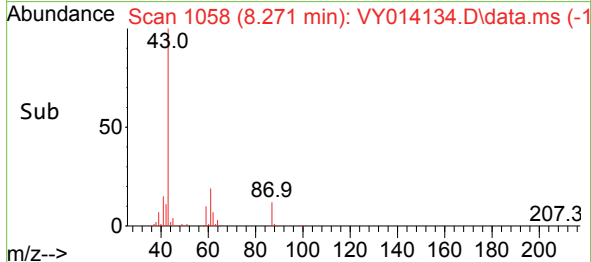
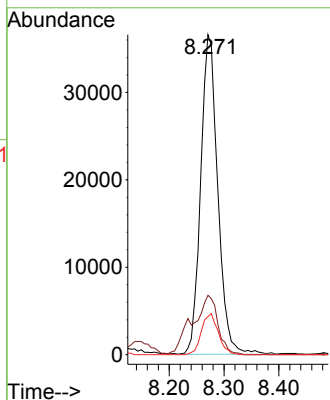
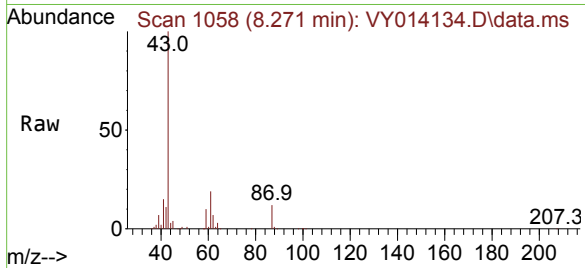




#43
Isopropyl Acetate
Concen: 19.789 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.005 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

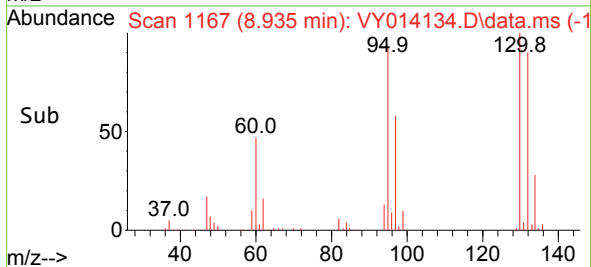
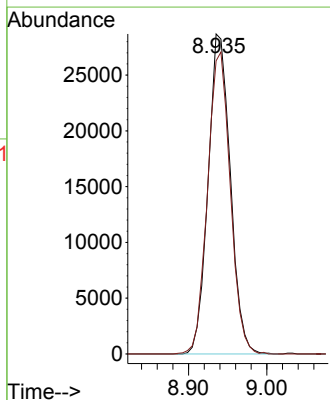
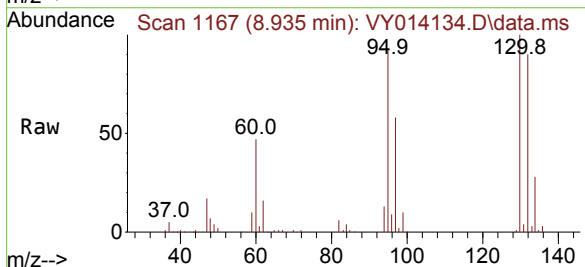
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

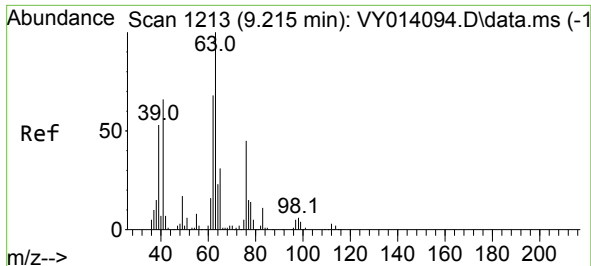
Tgt Ion: 43 Resp: 79183
Ion Ratio Lower Upper
43 100
61 19.2 21.1 31.7#
87 12.6 9.8 14.8



#44
Trichloroethene
Concen: 21.512 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion:130 Resp: 56548
Ion Ratio Lower Upper
130 100
95 91.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.149 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

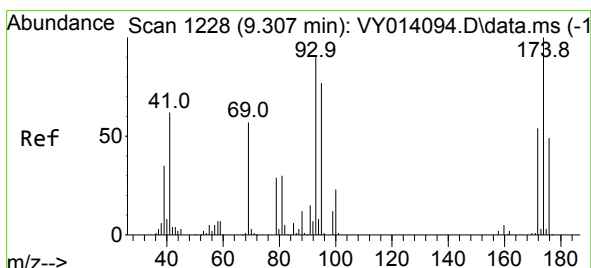
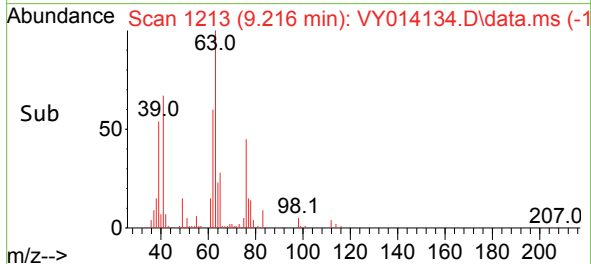
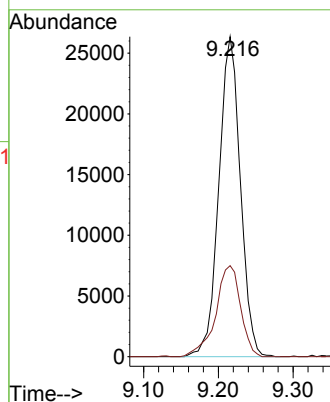
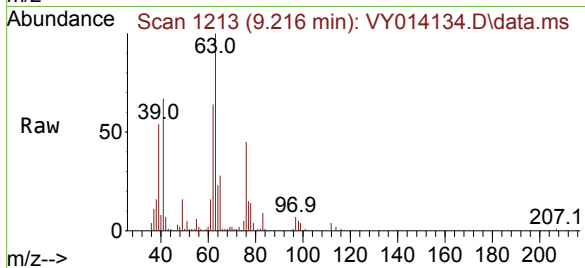
VY0613SBS01

Tgt Ion: 63 Resp: 52853

Ion Ratio Lower Upper

63 100

65 28.4 23.8 35.6



#46

Dibromomethane

Concen: 20.151 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

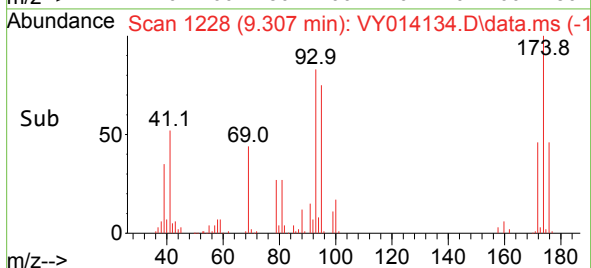
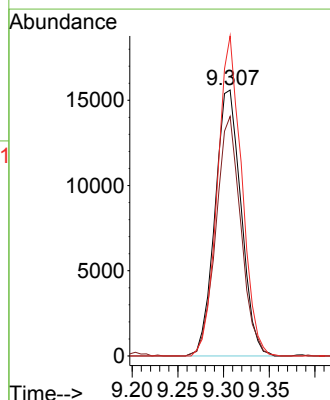
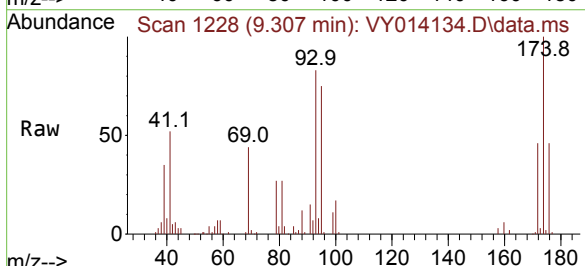
Tgt Ion: 93 Resp: 30998

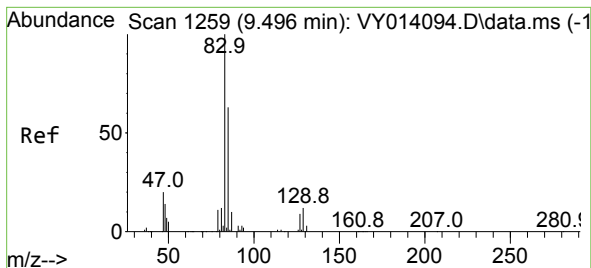
Ion Ratio Lower Upper

93 100

95 86.0 66.6 100.0

174 111.9 84.8 127.2





#47

Bromodichloromethane

Concen: 21.438 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

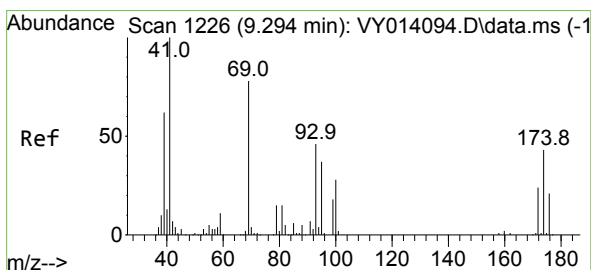
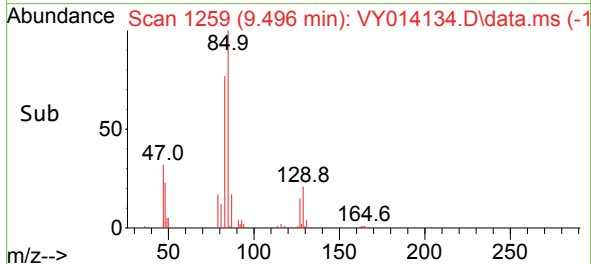
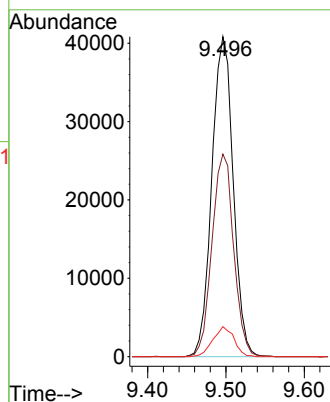
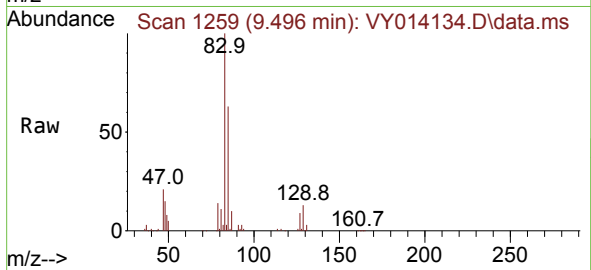
Tgt Ion: 83 Resp: 77215

Ion Ratio Lower Upper

83 100

85 63.3 50.1 75.1

127 9.4 7.1 10.7



#48

Methyl methacrylate

Concen: 19.587 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.005 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

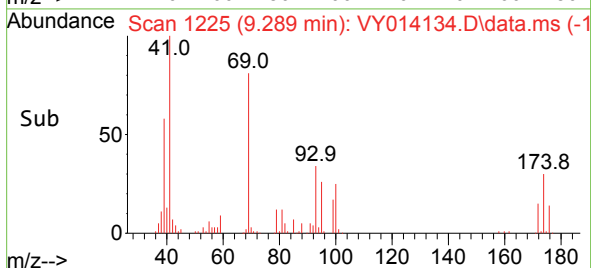
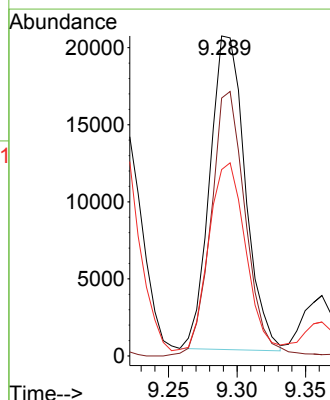
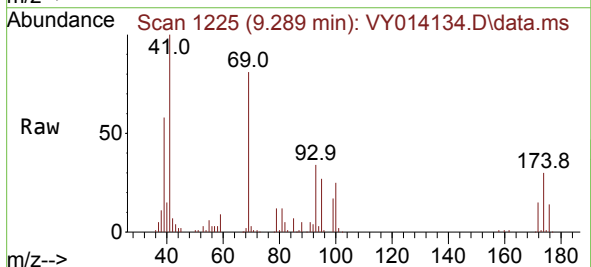
Tgt Ion: 41 Resp: 36554

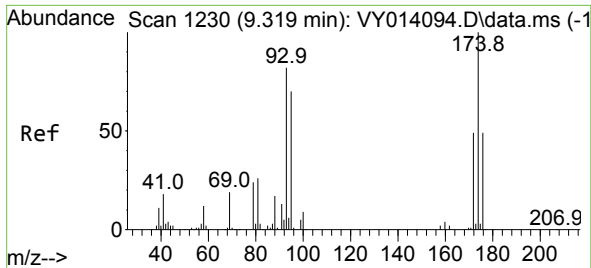
Ion Ratio Lower Upper

41 100

69 82.6 64.5 96.7

39 62.9 50.8 76.2

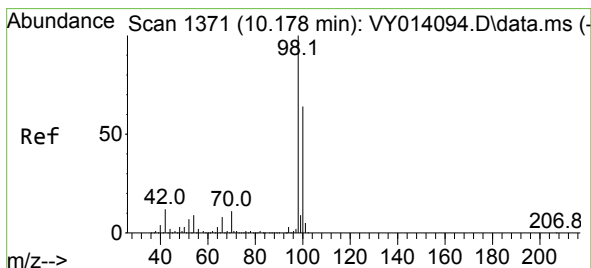
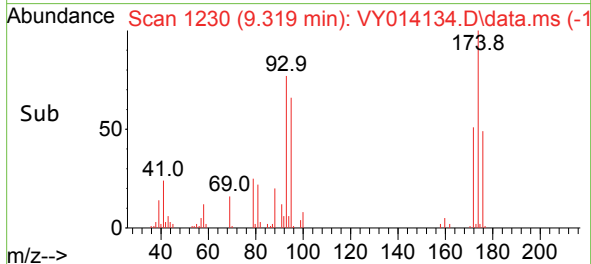
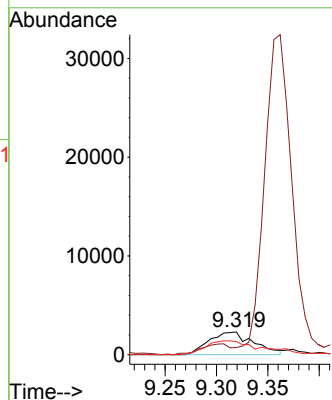
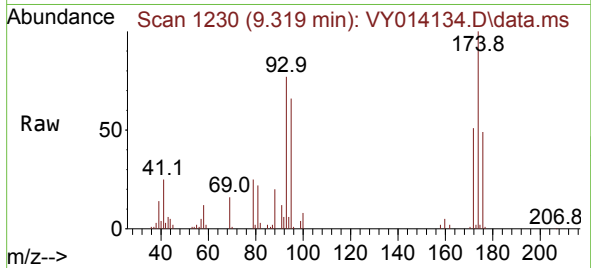




#49
1,4-Dioxane
Concen: 353.721 ug/l
RT: 9.319 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

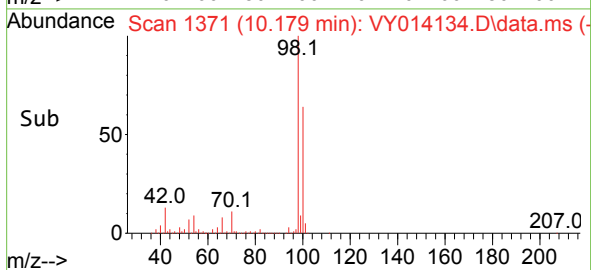
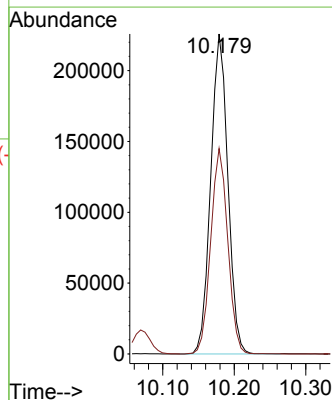
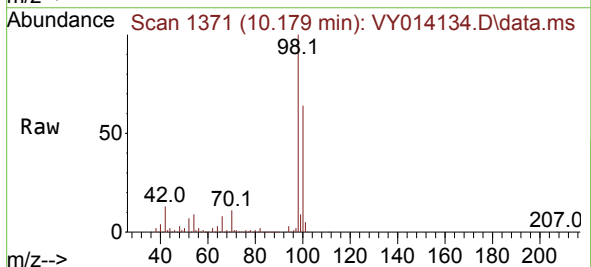
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

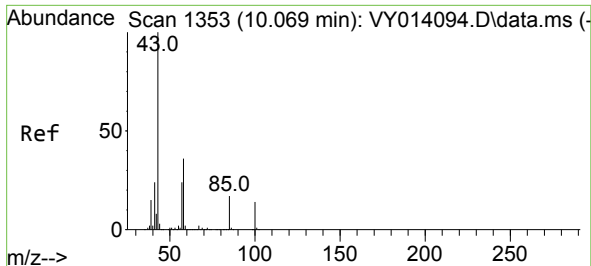
Tgt Ion: 88 Resp: 6914
Ion Ratio Lower Upper
88 100
43 30.5 0.0 0.0#
58 76.1 30.9 46.3#



#50
Toluene-d8
Concen: 47.331 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 98 Resp: 375543
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1

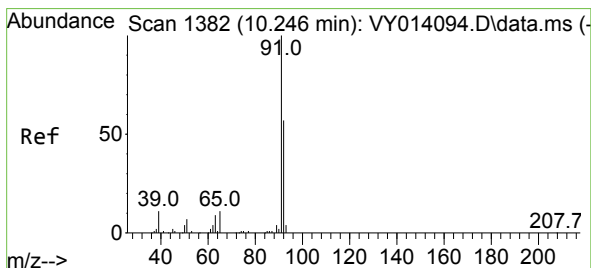
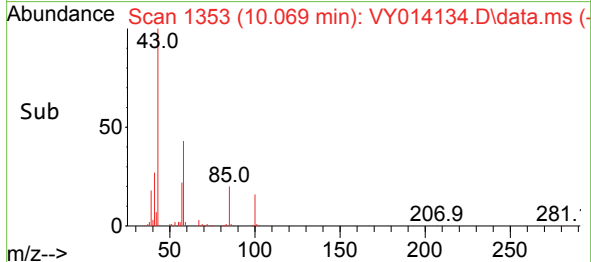
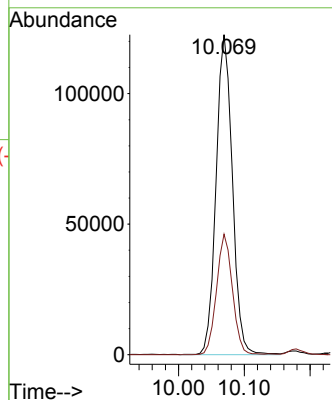
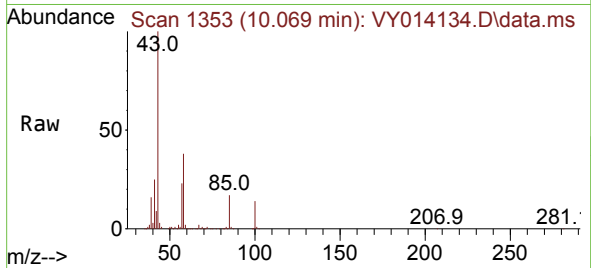




#51
4-Methyl-2-Pentanone
Concen: 97.308 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

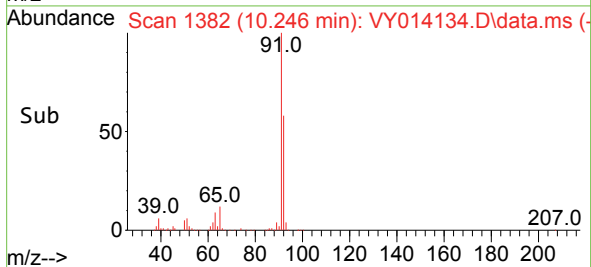
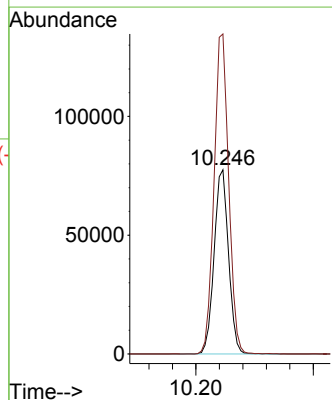
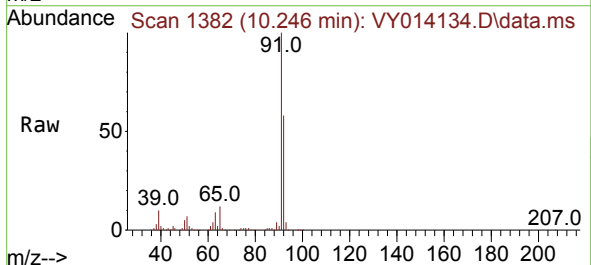
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

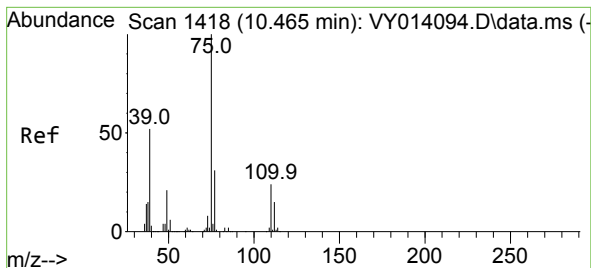
Tgt Ion: 43 Resp: 211534
Ion Ratio Lower Upper
43 100
58 36.7 29.0 43.6



#52
Toluene
Concen: 21.615 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 92 Resp: 131833
Ion Ratio Lower Upper
92 100
91 176.0 143.8 215.6

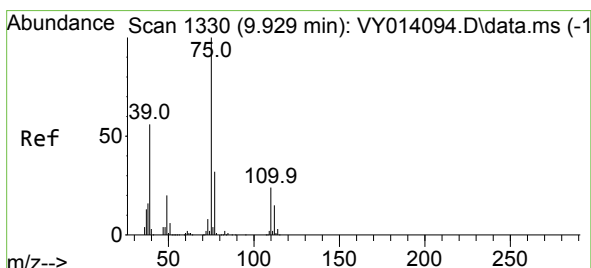
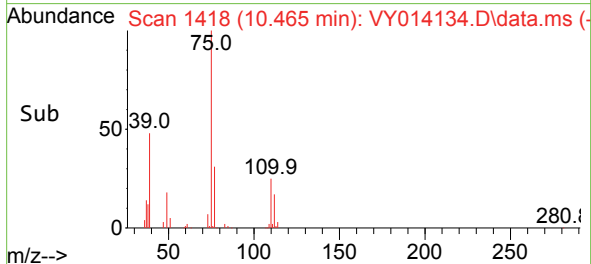
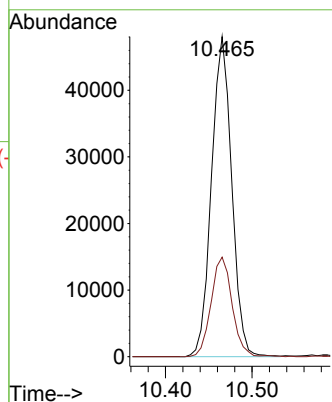
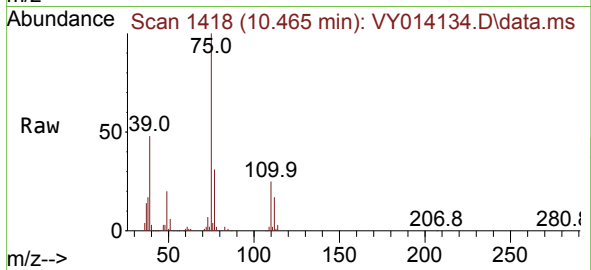




#53
 t-1,3-Dichloropropene
 Concen: 20.548 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014134.D
 Acq: 13 Jun 2023 12:41

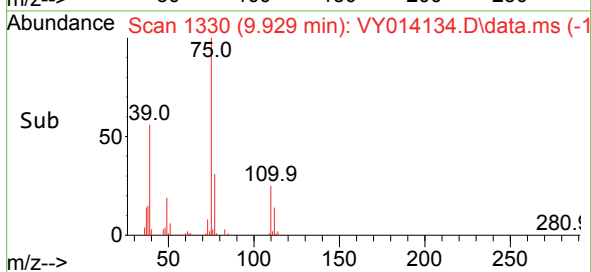
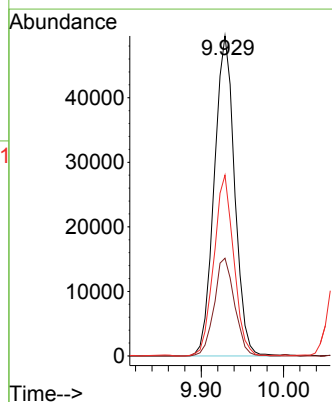
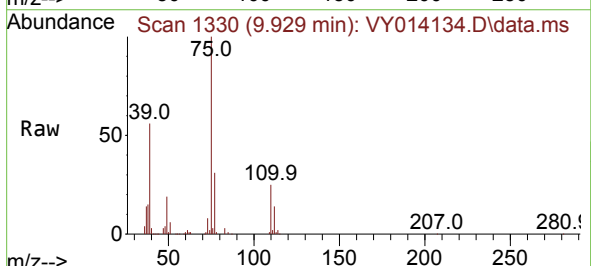
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0613SBSD01

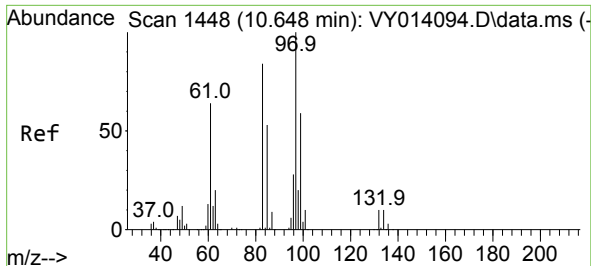
Tgt Ion: 75 Resp: 77911
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.626 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014134.D
 Acq: 13 Jun 2023 12:41

Tgt Ion: 75 Resp: 85329
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.2 36.4
 39 56.5 42.2 63.4

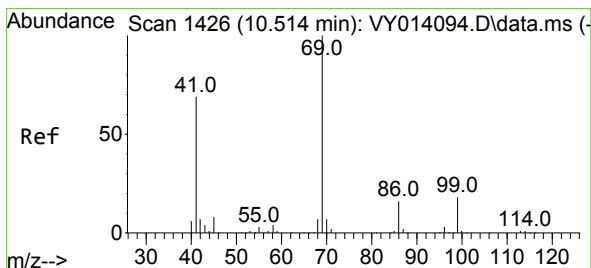
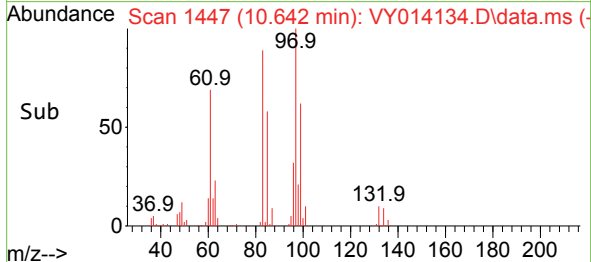
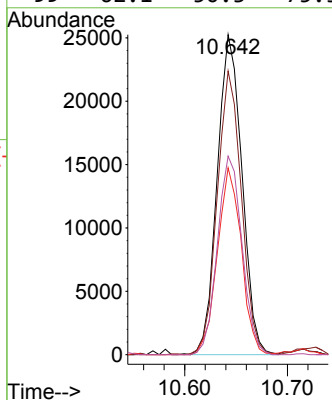
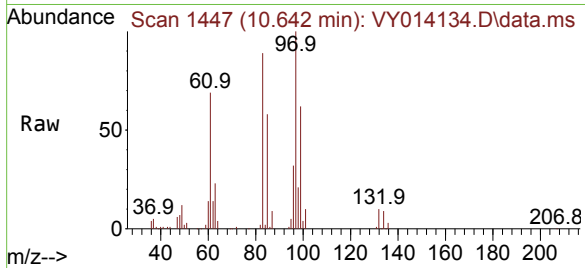




#55
1,1,2-Trichloroethane
Concen: 20.675 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

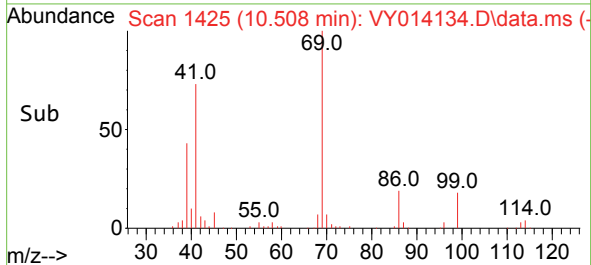
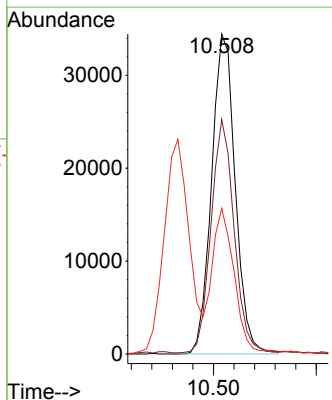
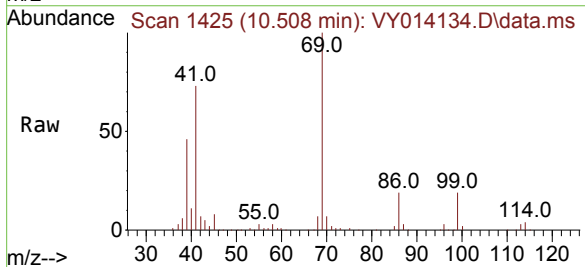
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

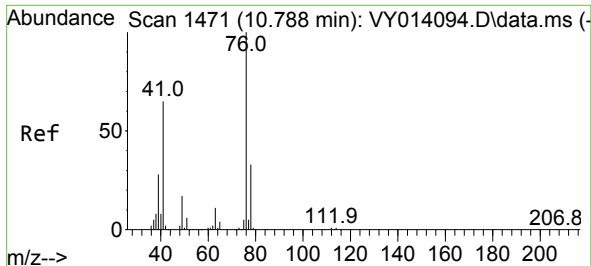
Tgt Ion:	97	Resp:	42185
Ion	Ratio	Lower	Upper
97	100		
83	88.6	72.0	108.0
85	58.4	45.4	68.0
99	62.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 19.533 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion:	69	Resp:	54971
Ion	Ratio	Lower	Upper
69	100		
41	71.7	57.6	86.4
39	41.5	34.1	51.1





#57

1,3-Dichloropropane

Concen: 20.807 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

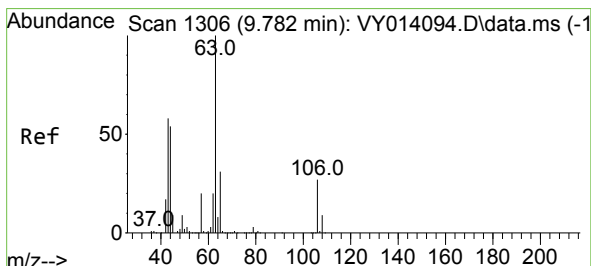
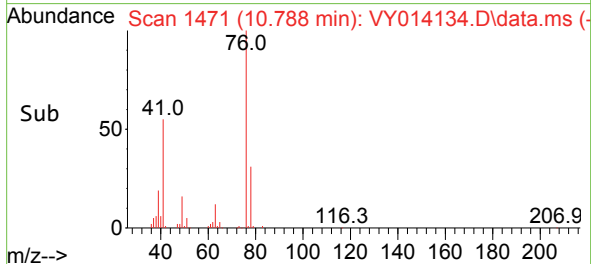
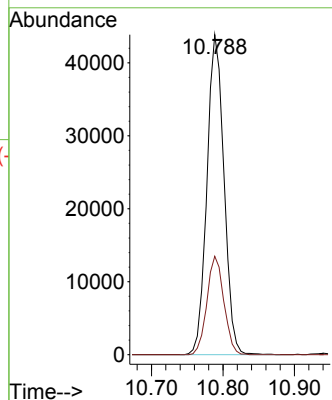
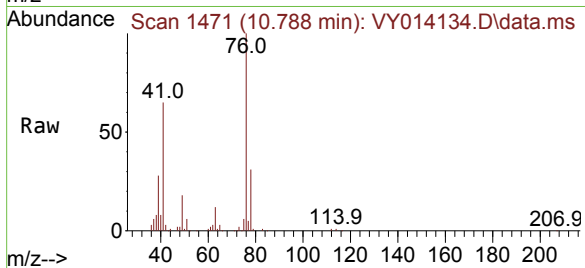
VY0613SBSD01

Tgt Ion: 76 Resp: 72610

Ion Ratio Lower Upper

76 100

78 30.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 78.874 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY014134.D

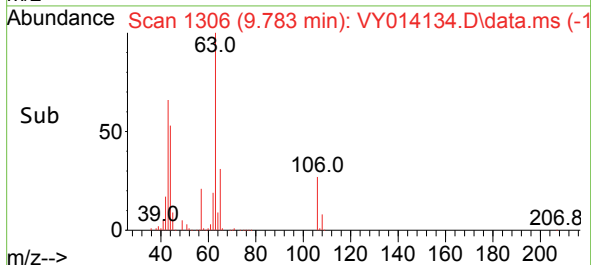
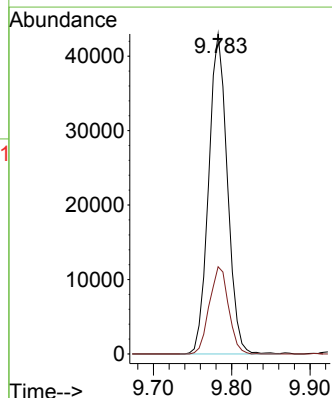
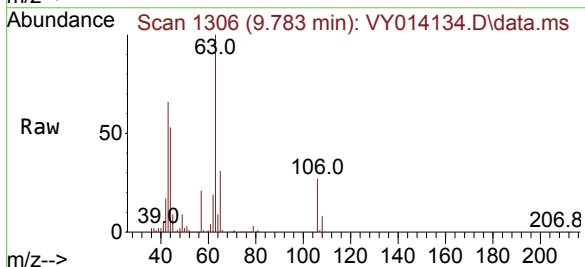
Acq: 13 Jun 2023 12:41

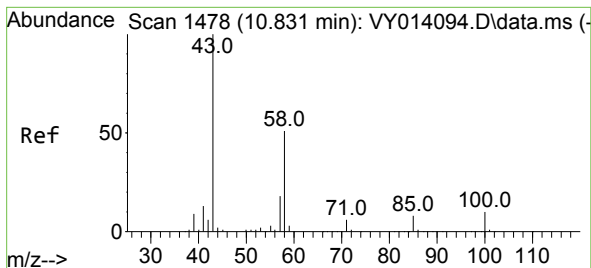
Tgt Ion: 63 Resp: 71367

Ion Ratio Lower Upper

63 100

106 27.8 21.2 31.8

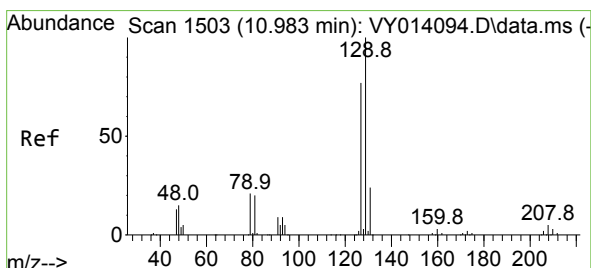
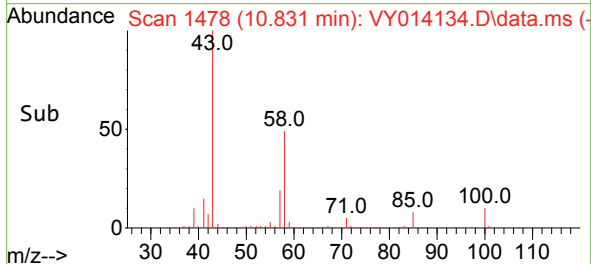
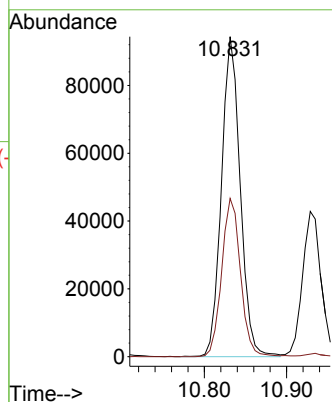
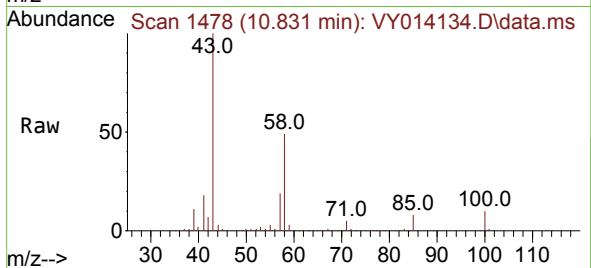




#59
2-Hexanone
Concen: 95.326 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

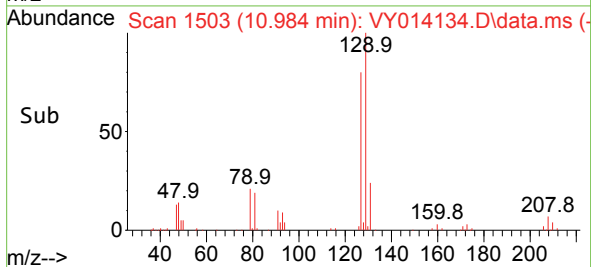
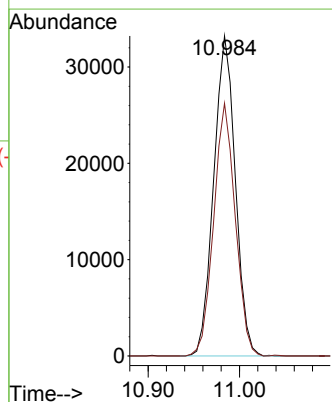
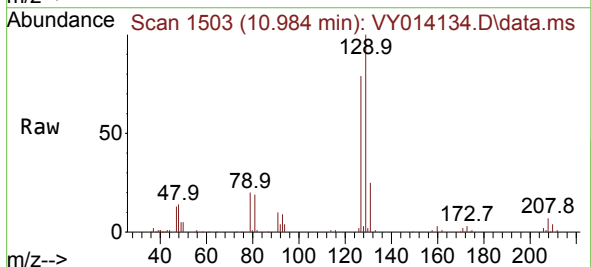
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

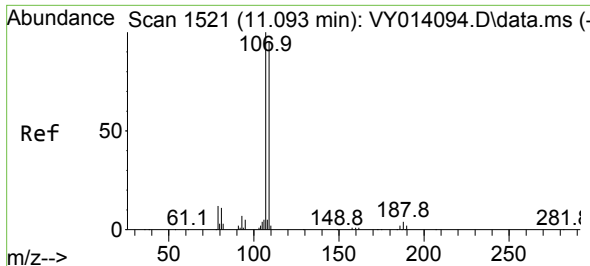
Tgt Ion: 43 Resp: 149670
Ion Ratio Lower Upper
43 100
58 49.8 25.1 75.3



#60
Dibromochloromethane
Concen: 20.904 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion:129 Resp: 54589
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5

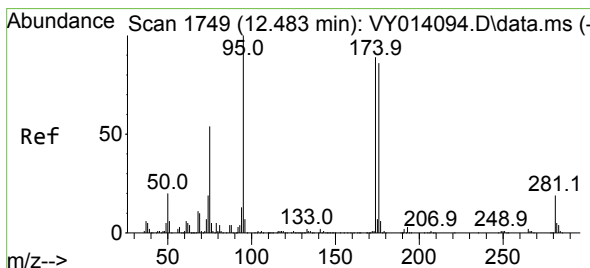
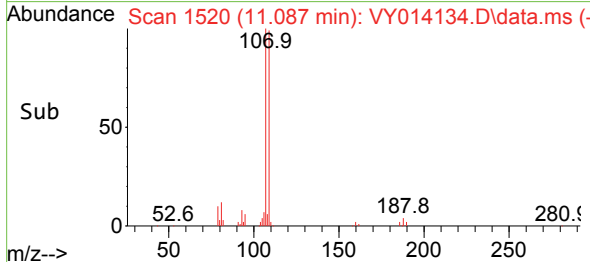
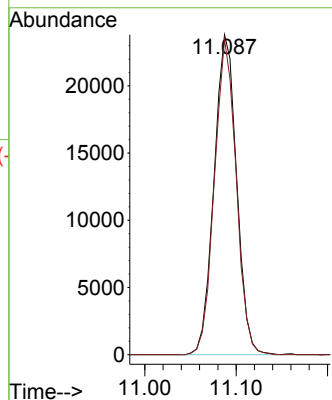
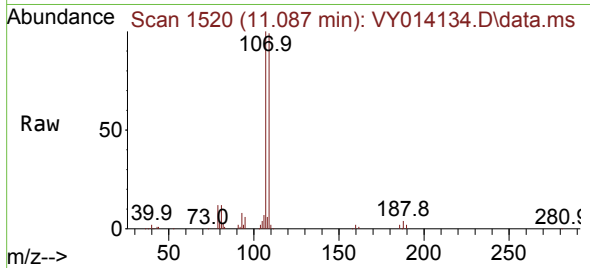




#61
1,2-Dibromoethane
Concen: 20.258 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

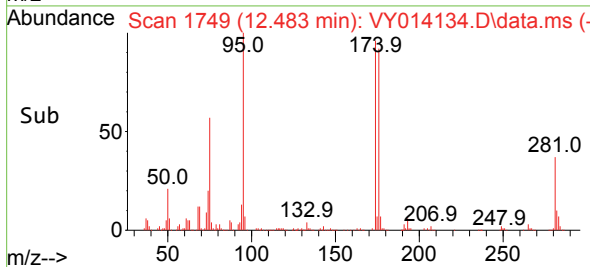
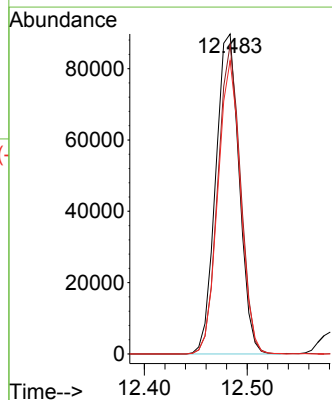
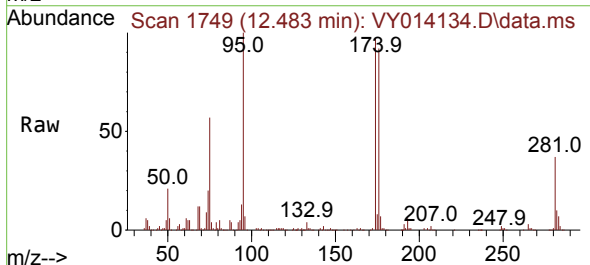
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

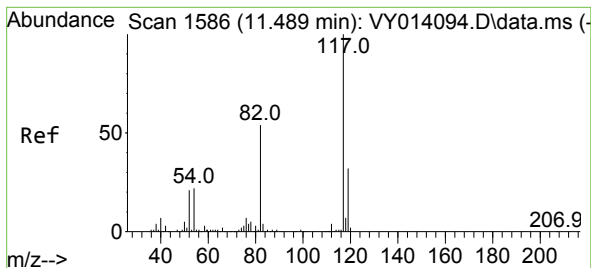
Tgt Ion:107 Resp: 40793
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.447 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 95 Resp: 142187
Ion Ratio Lower Upper
95 100
174 93.0 0.0 178.2
176 88.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

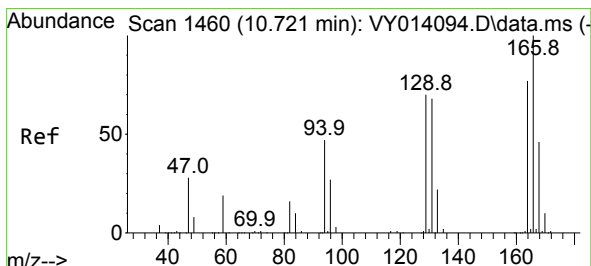
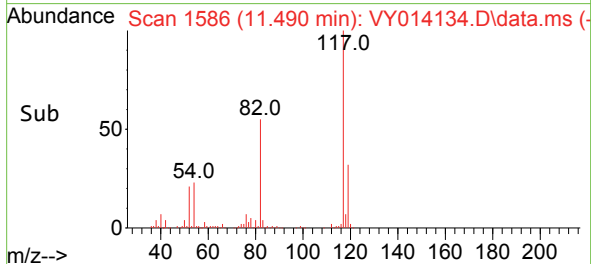
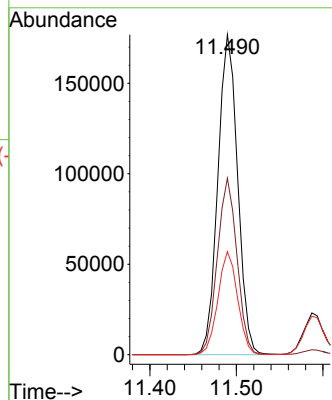
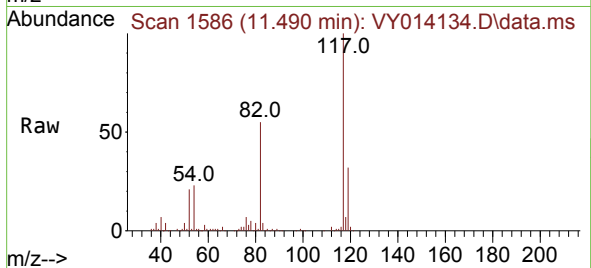
Tgt Ion:117 Resp: 281101

Ion Ratio Lower Upper

117 100

82 55.2 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 21.292 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Tgt Ion:164 Resp: 51015

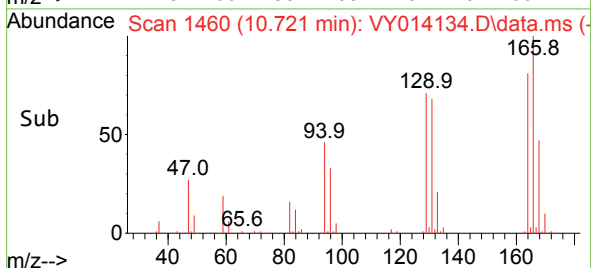
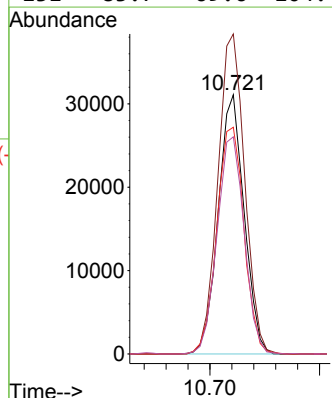
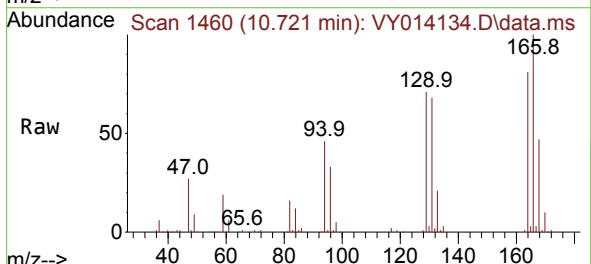
Ion Ratio Lower Upper

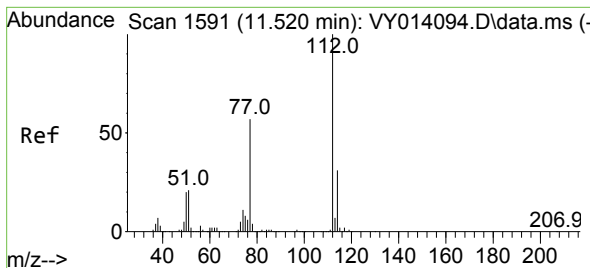
164 100

166 123.4 103.0 154.6

129 87.4 77.2 115.8

131 83.7 69.6 104.4

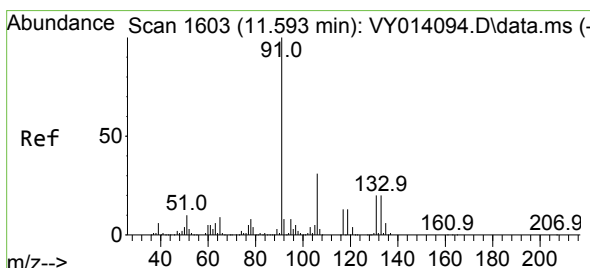
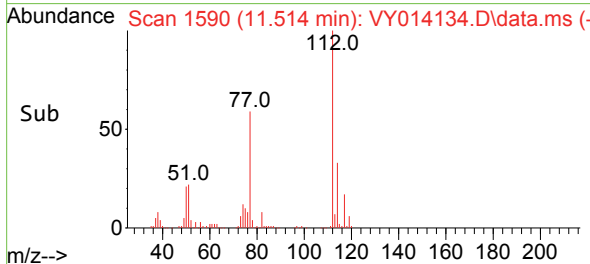
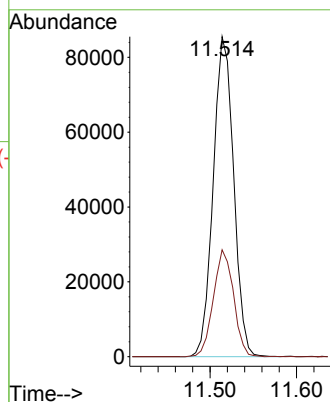
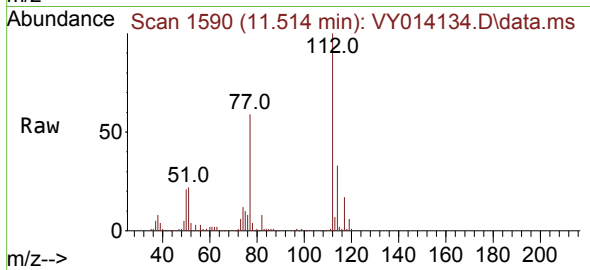




#65
Chlorobenzene
Concen: 20.761 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

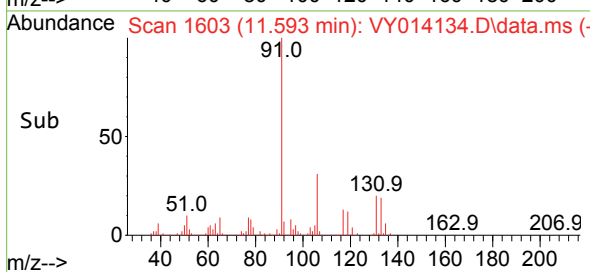
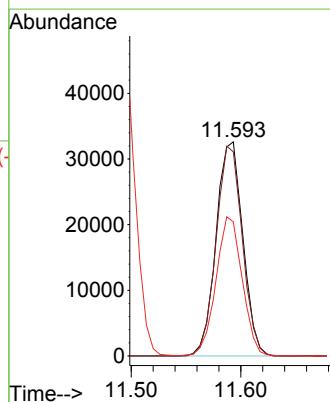
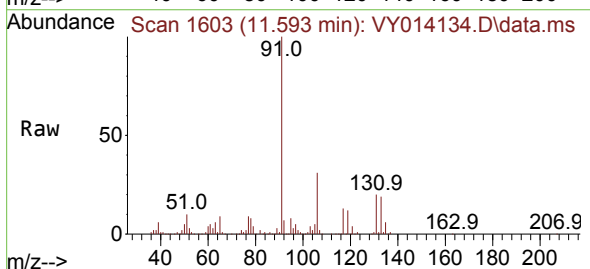
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

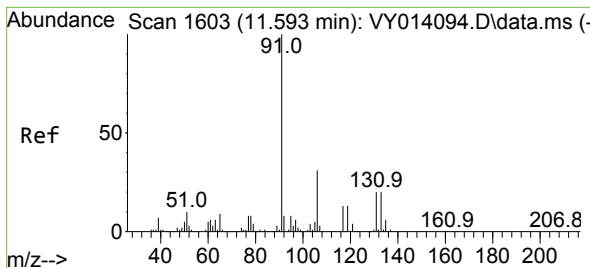
Tgt Ion:112 Resp: 140228
Ion Ratio Lower Upper
112 100
114 33.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.815 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion:131 Resp: 55298
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 63.9 31.6 94.7

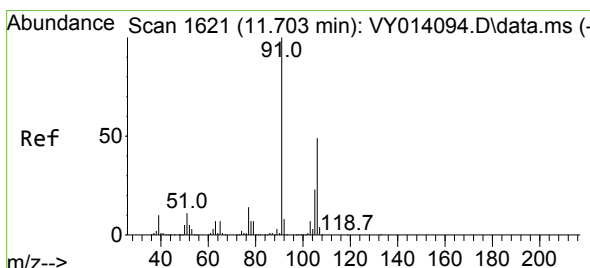
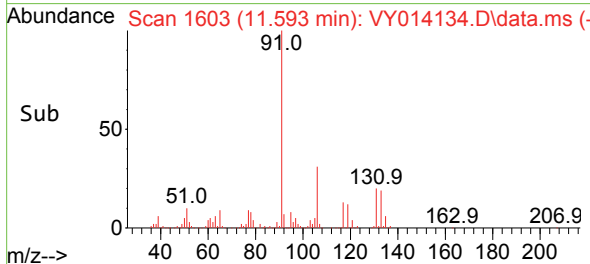
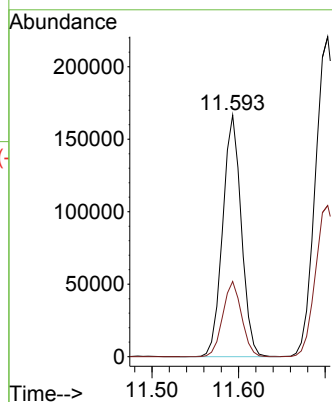
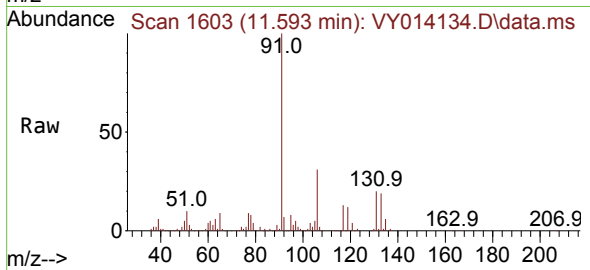




#67
Ethyl Benzene
Concen: 21.025 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

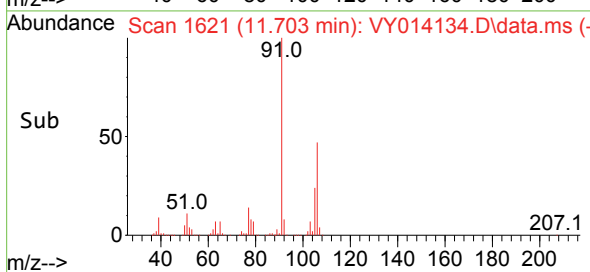
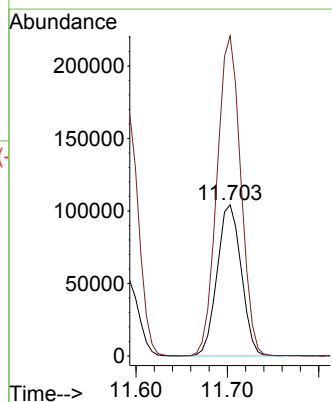
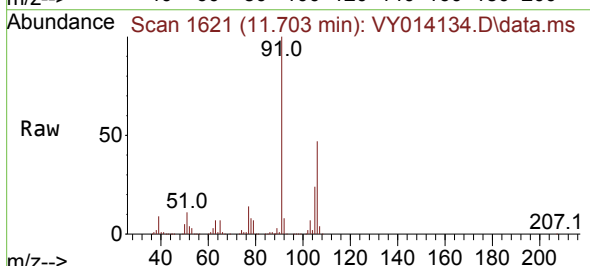
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

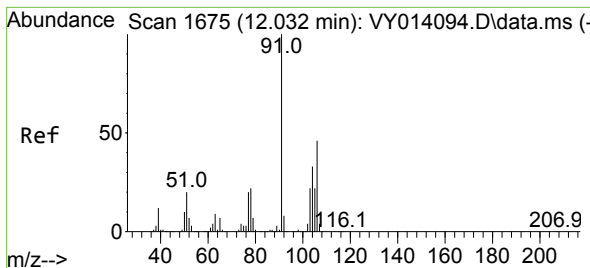
Tgt Ion: 91 Resp: 248578
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



#68
m/p-Xylenes
Concen: 42.066 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion:106 Resp: 191296
Ion Ratio Lower Upper
106 100
91 208.9 166.1 249.1

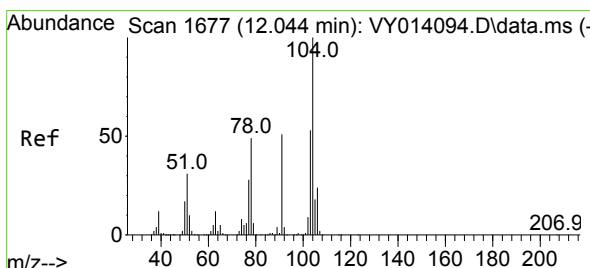
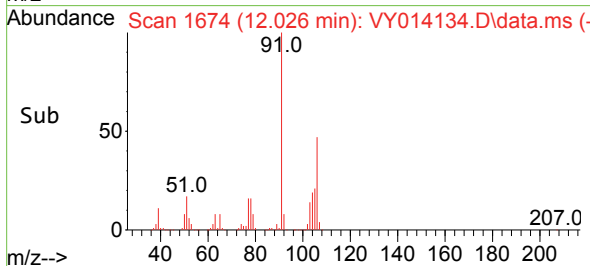
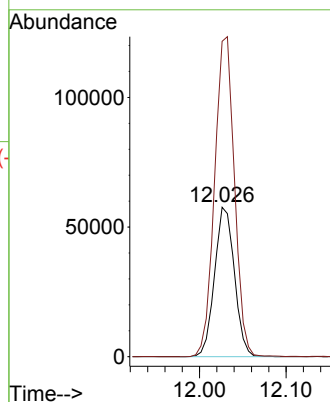
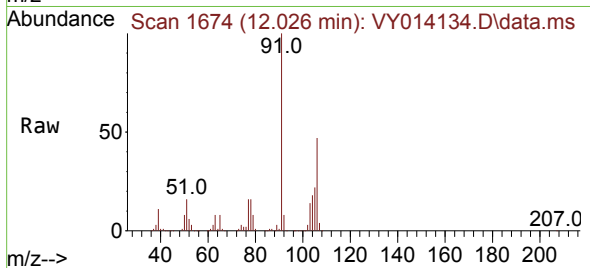




#69
o-Xylene
Concen: 21.370 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

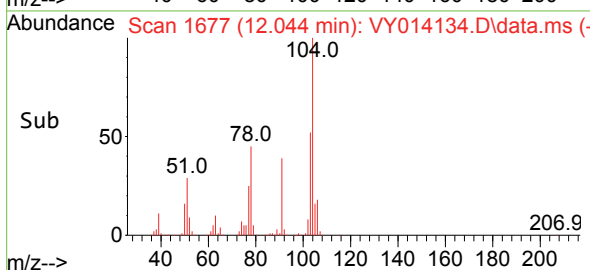
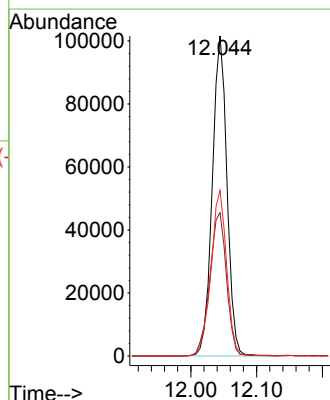
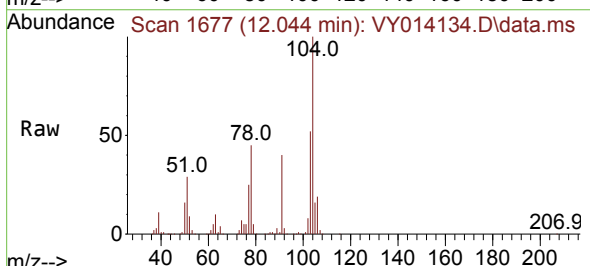
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

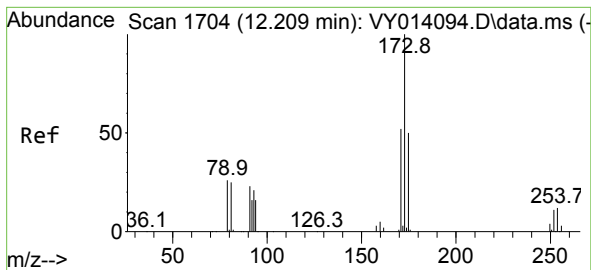
Tgt Ion:106 Resp: 91879
Ion Ratio Lower Upper
106 100
91 214.3 108.1 324.3



#70
Styrene
Concen: 21.554 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion:104 Resp: 158160
Ion Ratio Lower Upper
104 100
78 51.1 41.5 62.3
103 55.3 44.6 67.0





#71

Bromoform

Concen: 20.536 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

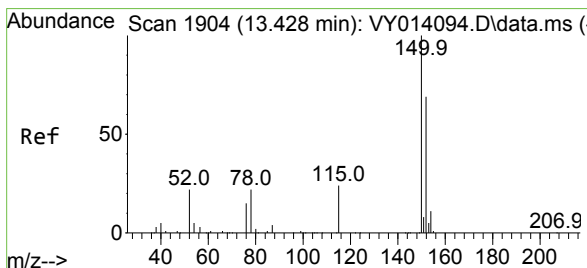
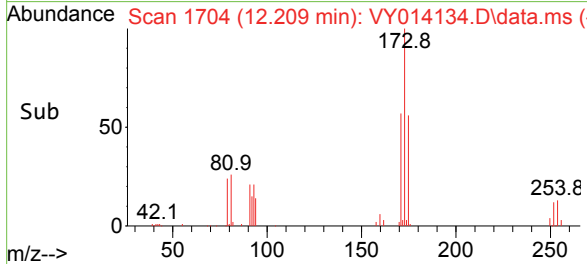
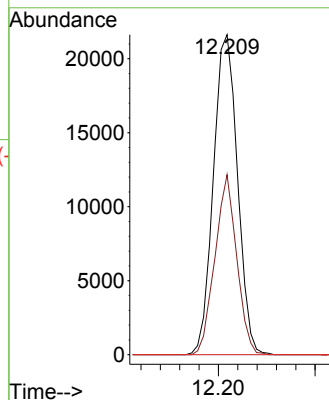
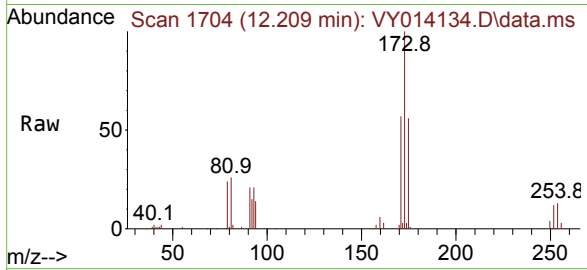
Tgt Ion:173 Resp: 37363

Ion Ratio Lower Upper

173 100

175 50.9 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: VY014134.D

Acq: 13 Jun 2023 12:41

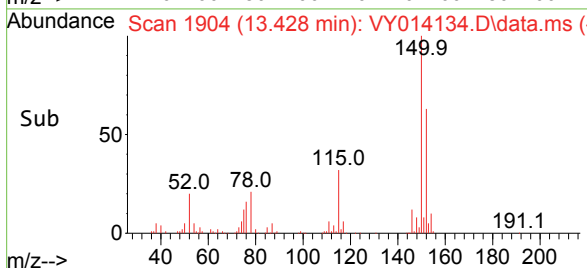
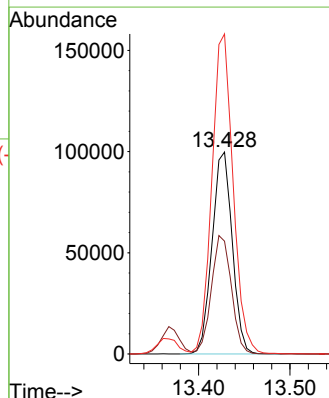
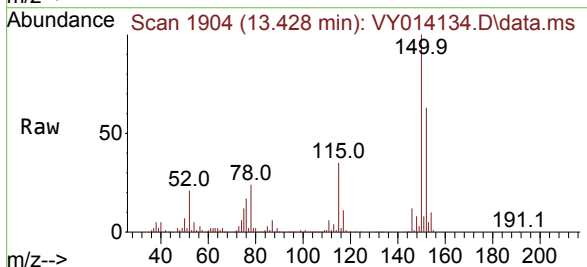
Tgt Ion:152 Resp: 152979

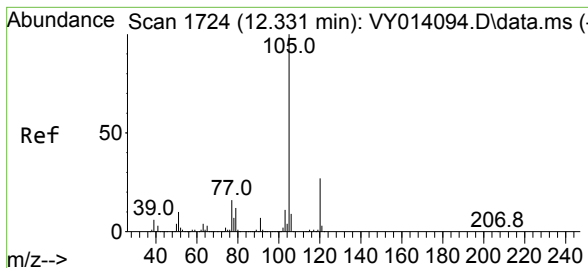
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 166.3 0.0 348.8





#73

Isopropylbenzene

Concen: 20.964 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

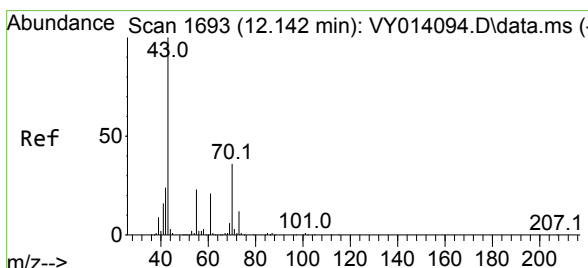
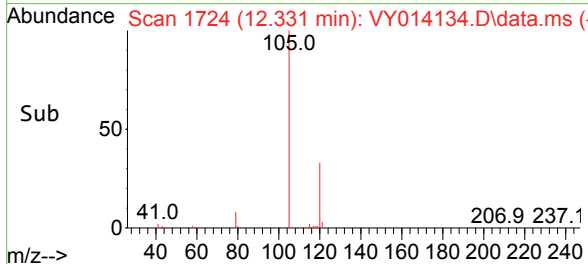
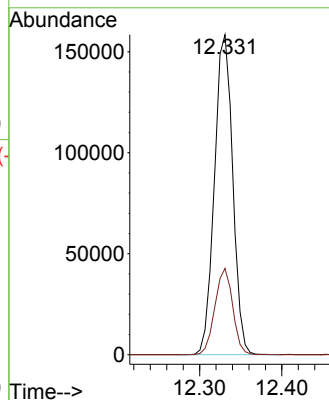
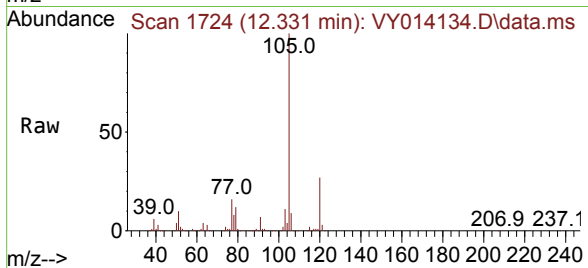
VY0613SBSD01

Tgt Ion:105 Resp: 244649

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 18.786 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Tgt Ion: 43 Resp: 69474

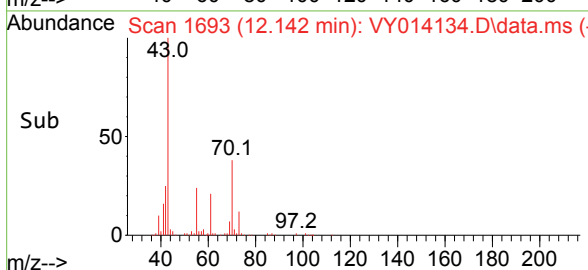
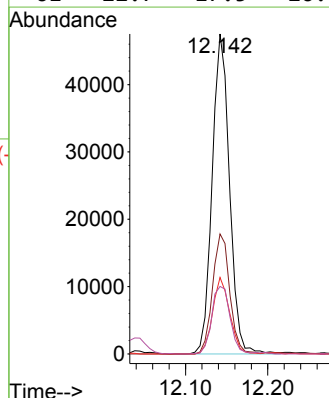
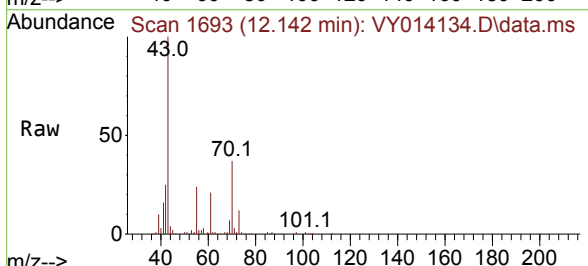
Ion Ratio Lower Upper

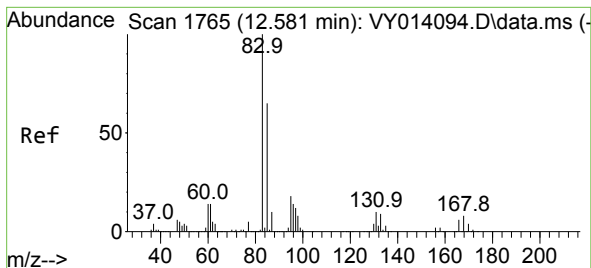
43 100

70 37.1 29.7 44.5

55 23.5 18.3 27.5

61 22.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.482 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

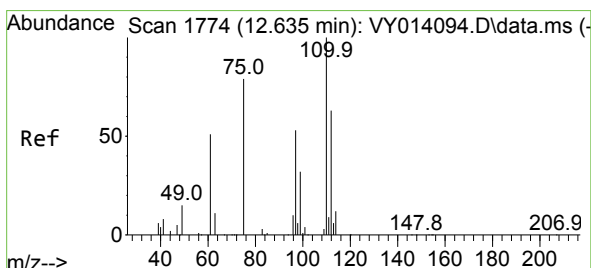
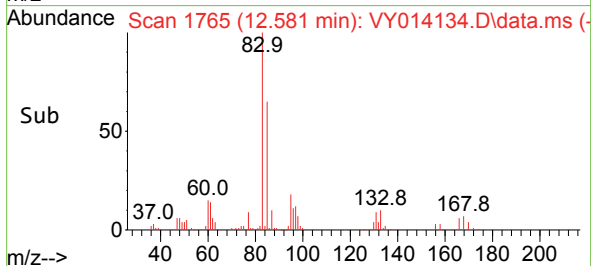
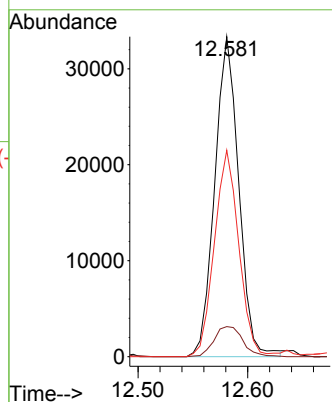
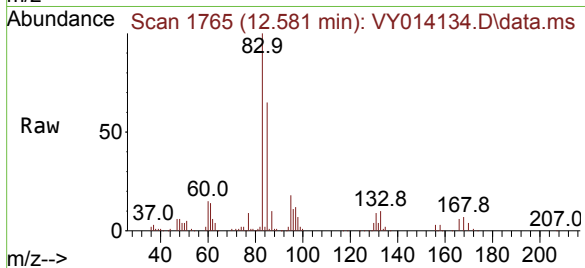
Tgt Ion: 83 Resp: 50803

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

85 65.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 34.479 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.001 min

Lab File: VY014134.D

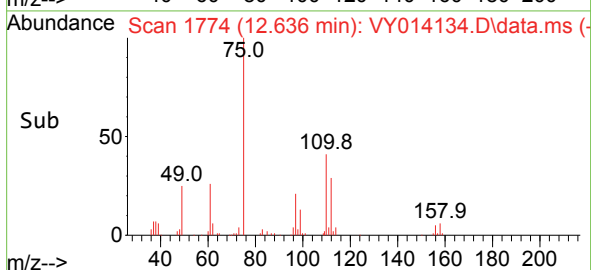
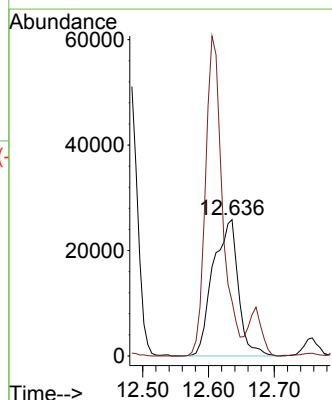
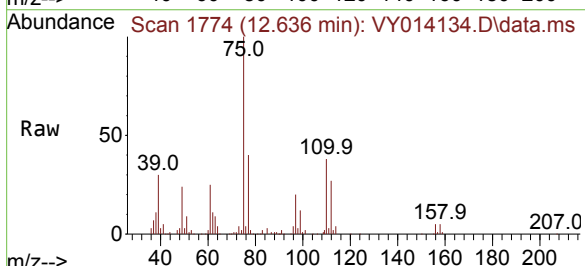
Acq: 13 Jun 2023 12:41

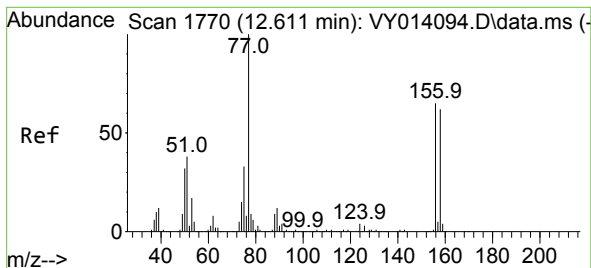
Tgt Ion: 75 Resp: 69201

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.345 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

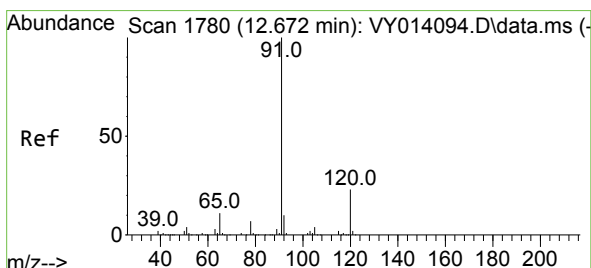
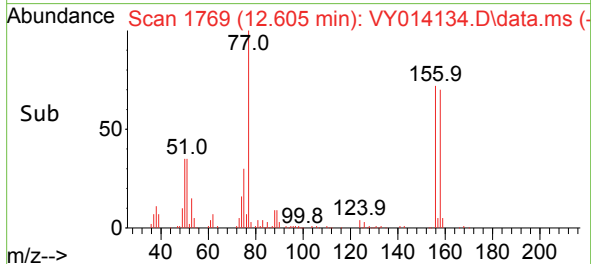
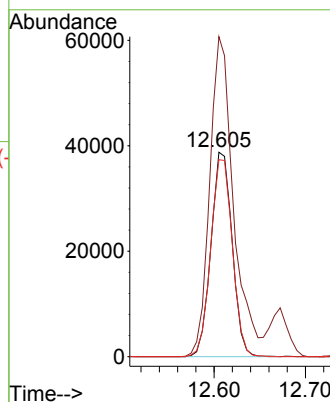
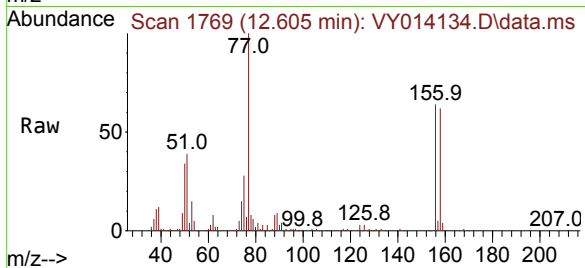
Tgt Ion:156 Resp: 62405

Ion Ratio Lower Upper

156 100

77 174.6 92.8 278.6

158 99.0 48.4 145.3



#78

n-propylbenzene

Concen: 21.032 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014134.D

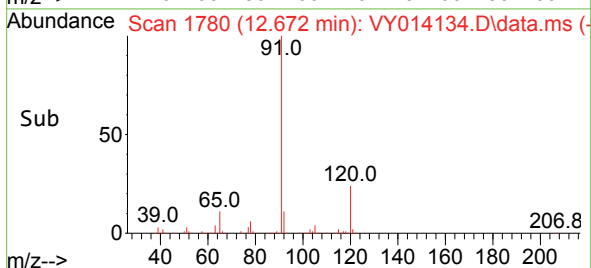
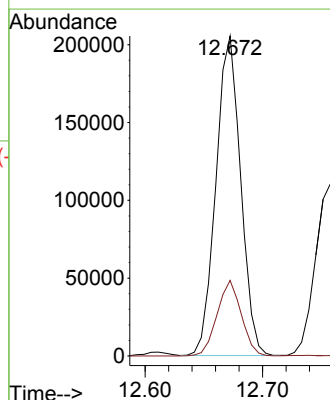
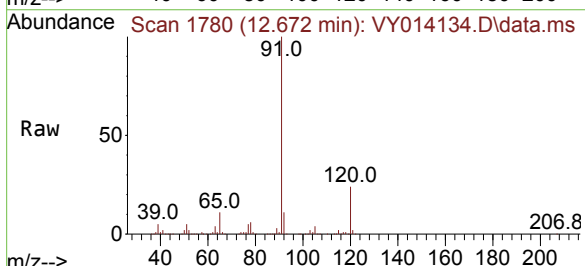
Acq: 13 Jun 2023 12:41

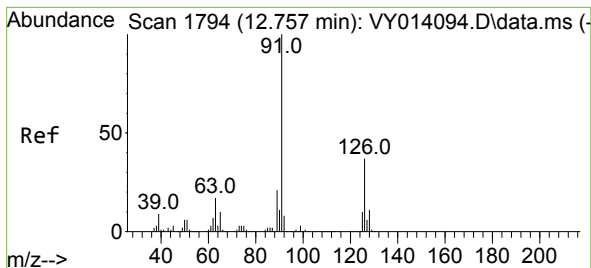
Tgt Ion: 91 Resp: 299797

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

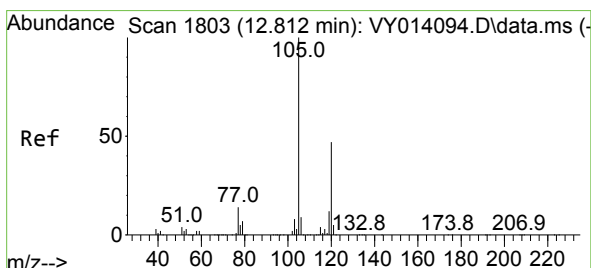
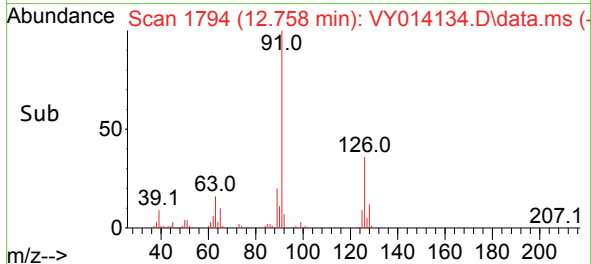
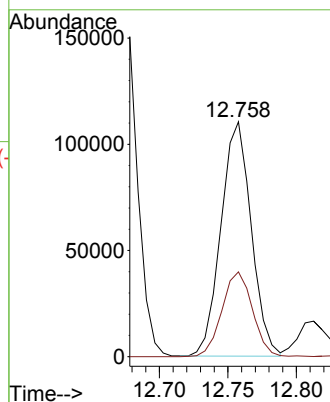
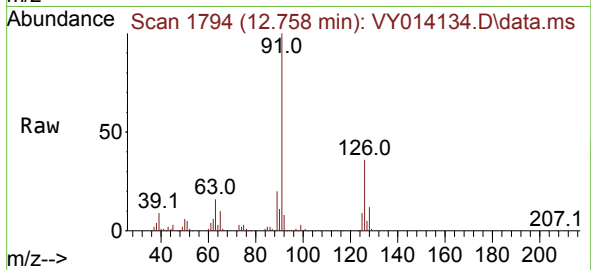




#79
2-Chlorotoluene
Concen: 20.704 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.001 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

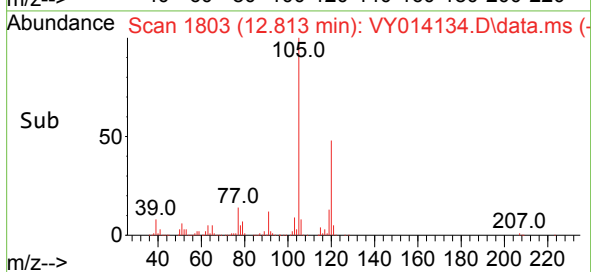
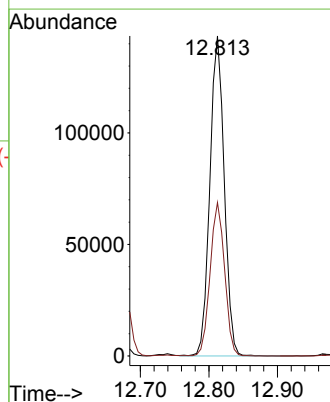
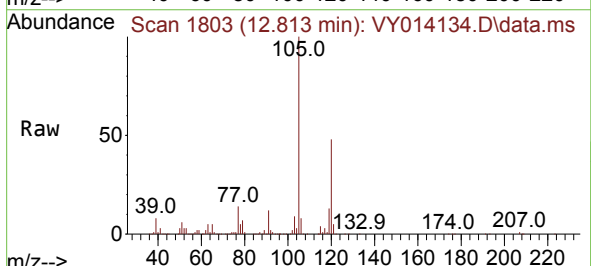
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

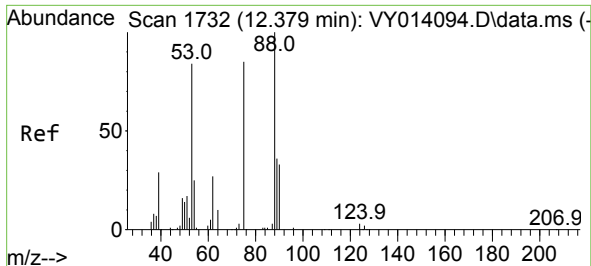
Tgt Ion: 91 Resp: 169809
Ion Ratio Lower Upper
91 100
126 36.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.961 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 105 Resp: 209454
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

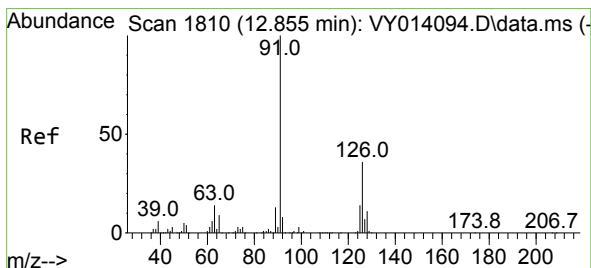
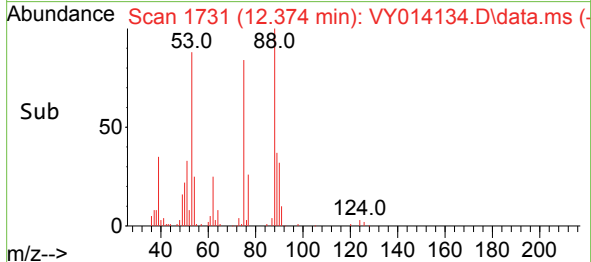
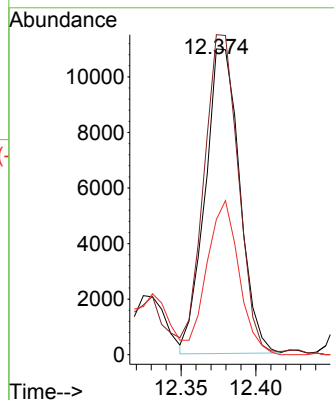
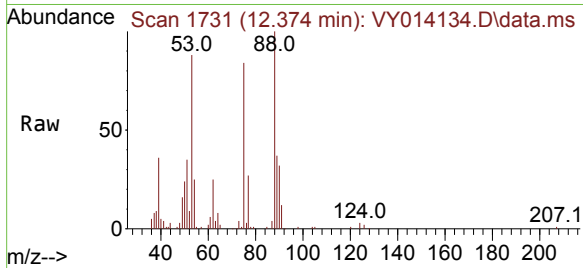




#81
trans-1,4-Dichloro-2-butene
Concen: 19.014 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

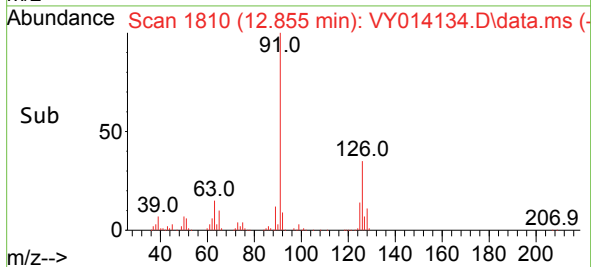
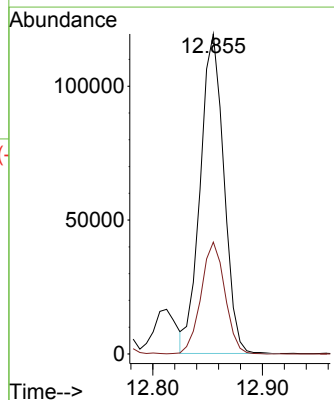
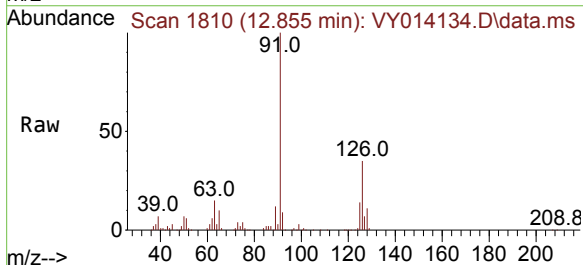
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

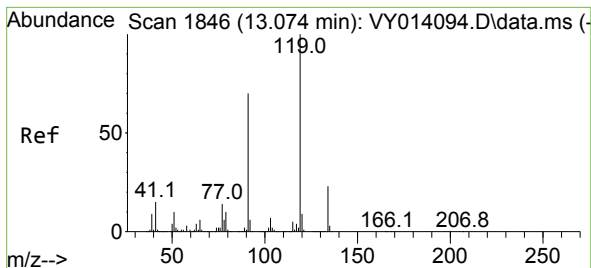
Tgt Ion: 75 Resp: 17654
Ion Ratio Lower Upper
75 100
53 102.7 77.8 116.8
89 46.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.539 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion: 91 Resp: 178512
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.990 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

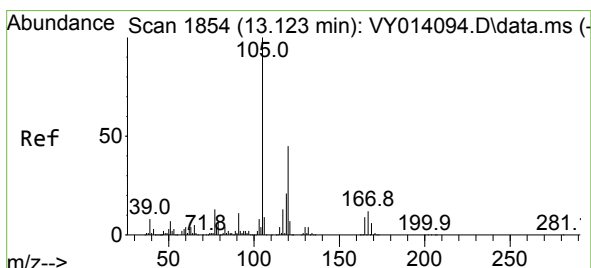
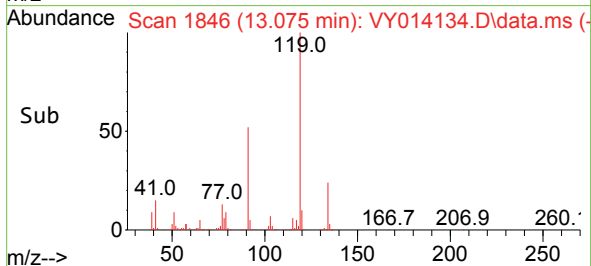
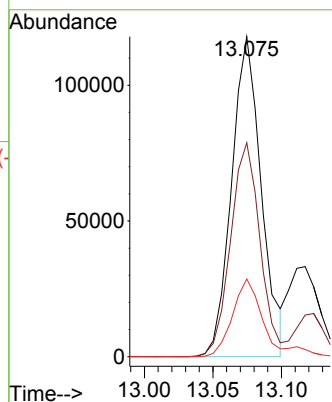
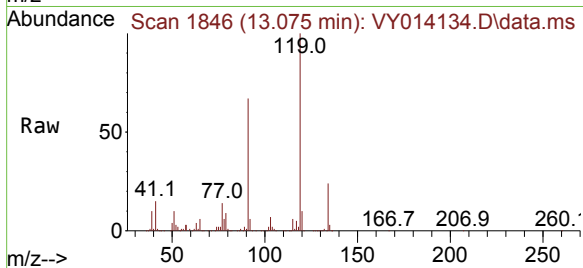
Tgt Ion:119 Resp: 178239

Ion Ratio Lower Upper

119 100

91 66.0 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.117 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY014134.D

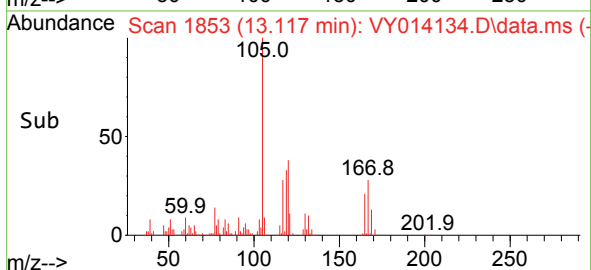
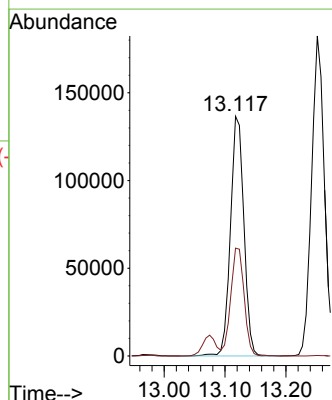
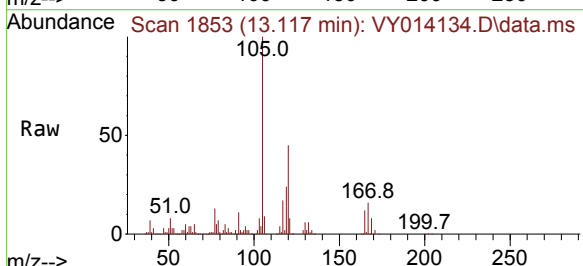
Acq: 13 Jun 2023 12:41

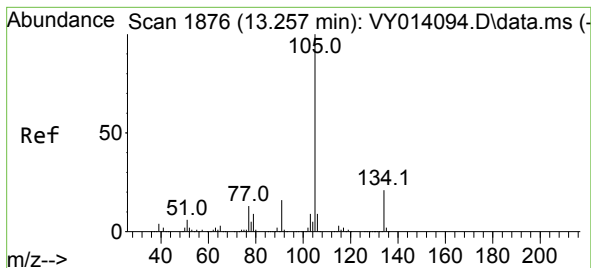
Tgt Ion:105 Resp: 208877

Ion Ratio Lower Upper

105 100

120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.488 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

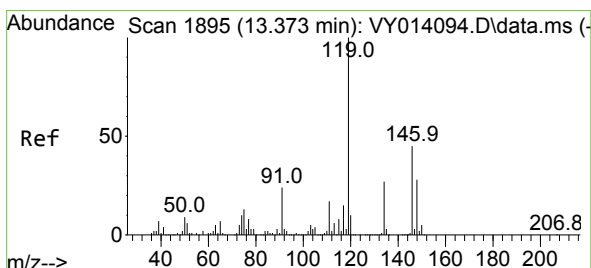
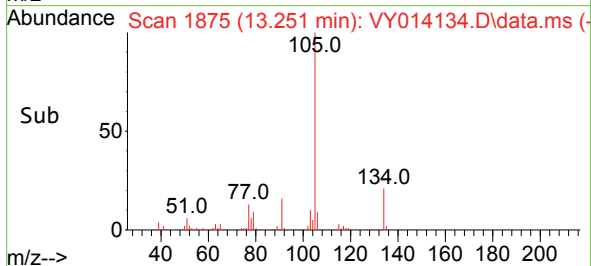
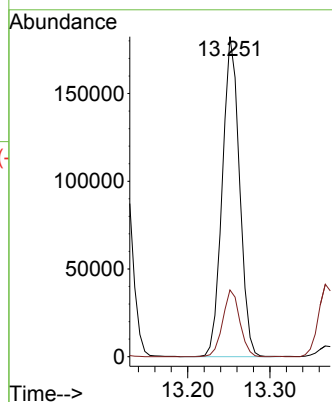
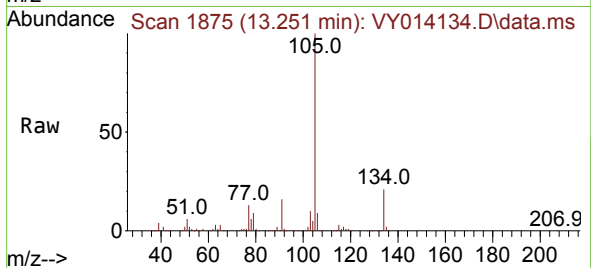
VY0613SBSD01

Tgt Ion:105 Resp: 265283

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.076 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

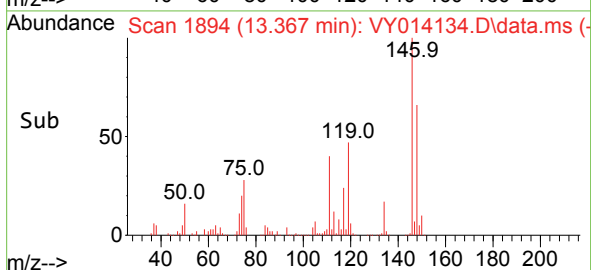
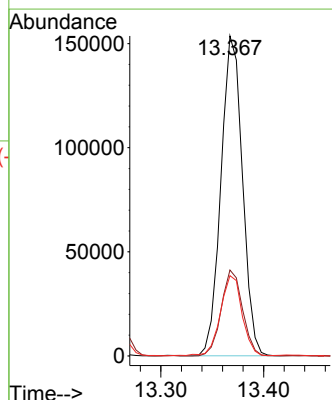
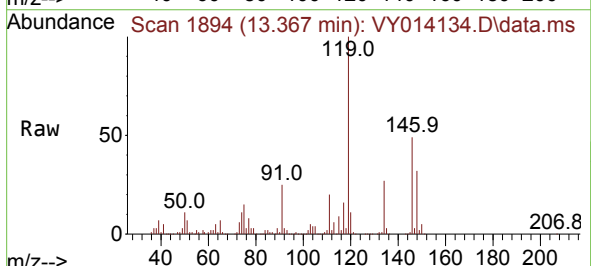
Tgt Ion:119 Resp: 222686

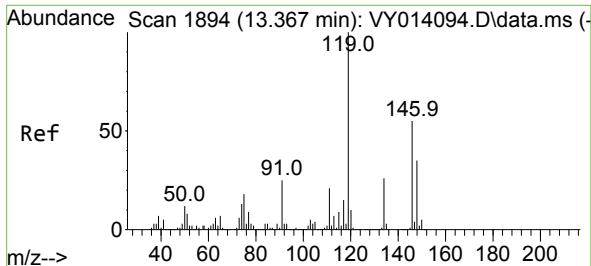
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 25.1 12.4 37.4

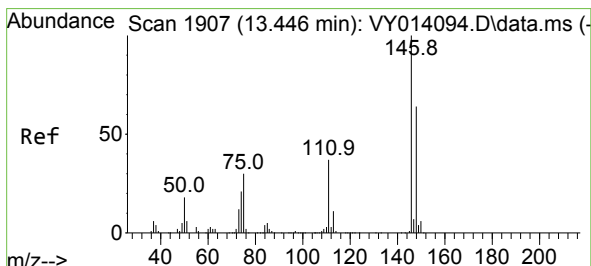
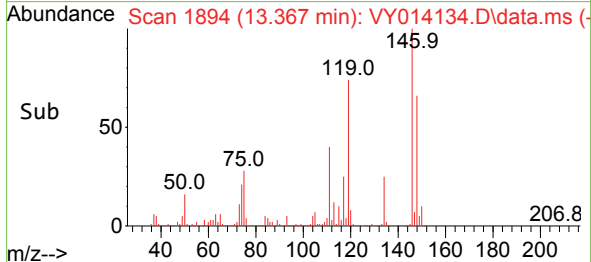
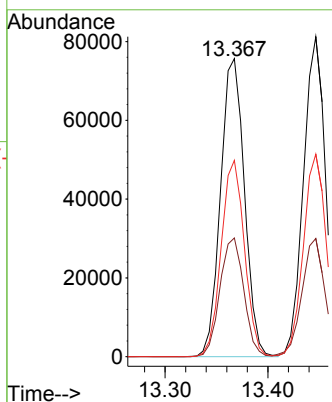
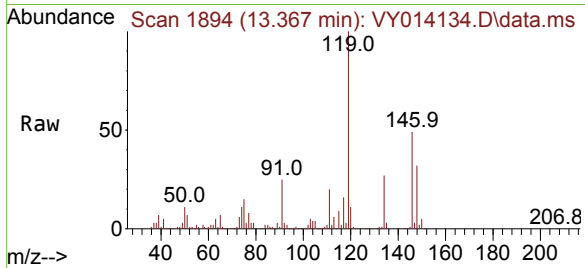




#87
1,3-Dichlorobenzene
Concen: 20.864 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

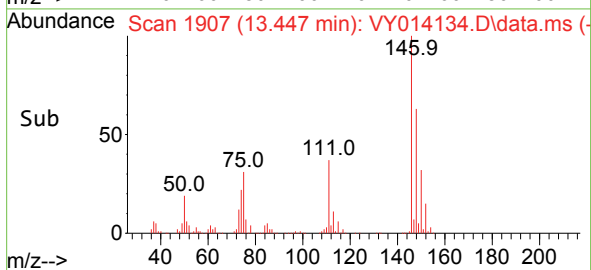
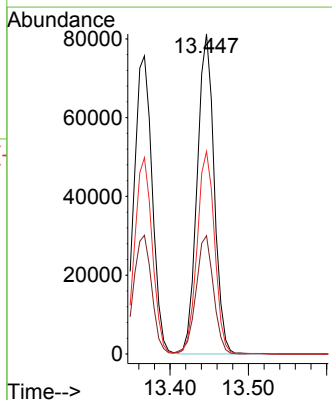
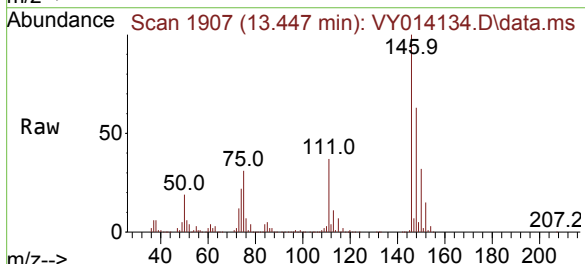
Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBS01

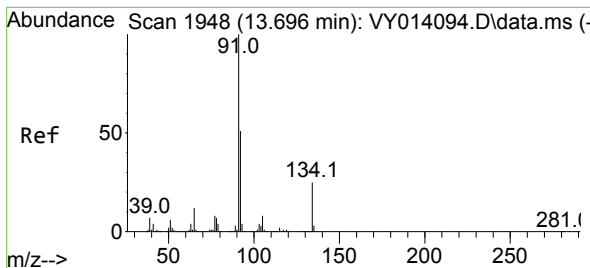
Tgt Ion:146 Resp: 122184
Ion Ratio Lower Upper
146 100
111 39.8 19.4 58.2
148 64.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.762 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion:146 Resp: 122506
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.7
148 65.0 32.1 96.5





#89

n-Butylbenzene

Concen: 21.007 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.001 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

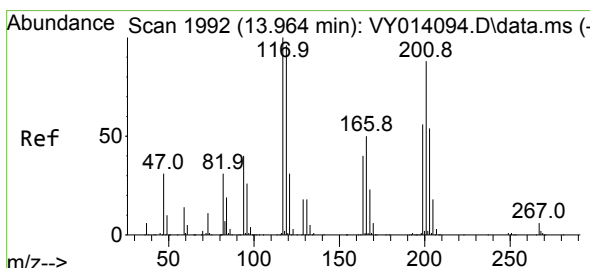
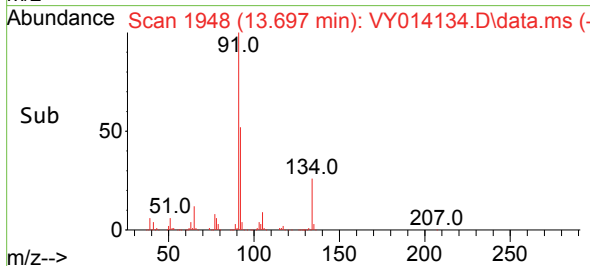
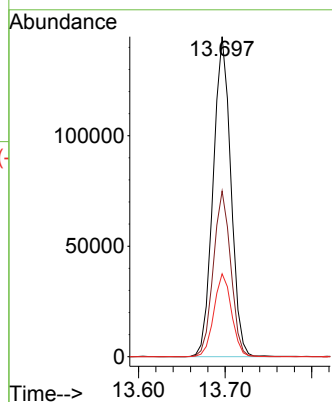
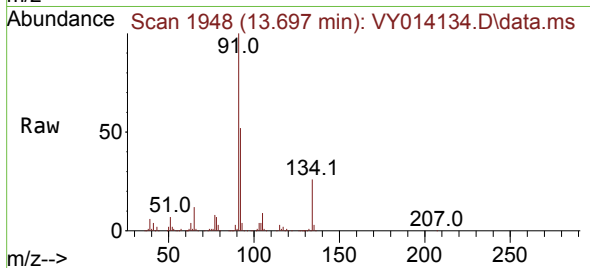
Tgt Ion: 91 Resp: 205869

Ion Ratio Lower Upper

91 100

92 51.0 25.4 76.0

134 25.8 12.6 37.6



#90

Hexachloroethane

Concen: 21.019 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.005 min

Lab File: VY014134.D

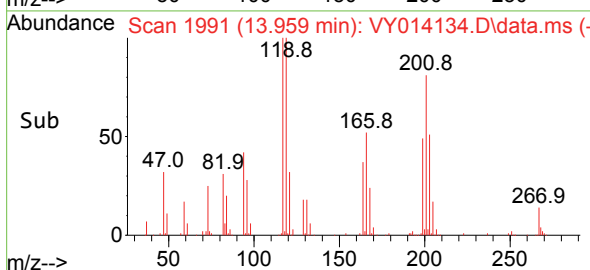
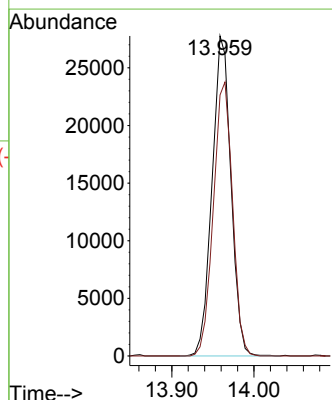
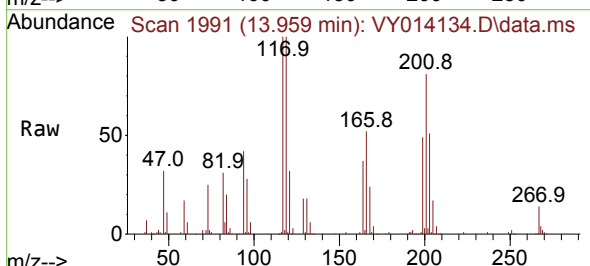
Acq: 13 Jun 2023 12:41

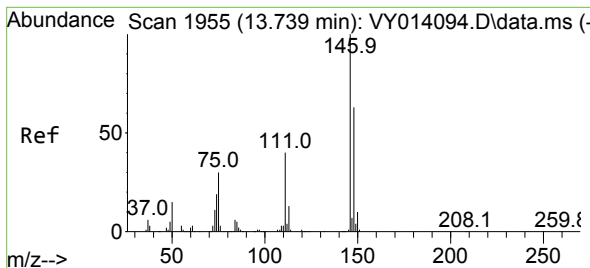
Tgt Ion: 117 Resp: 44253

Ion Ratio Lower Upper

117 100

201 86.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.823 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBSD01

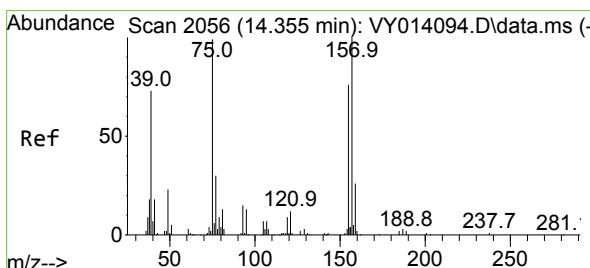
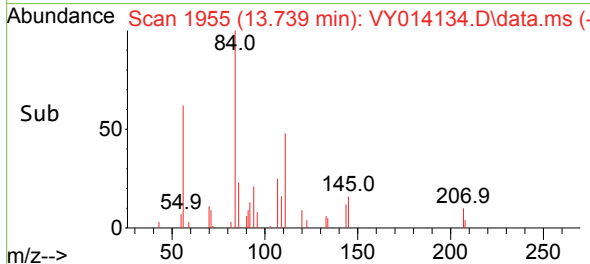
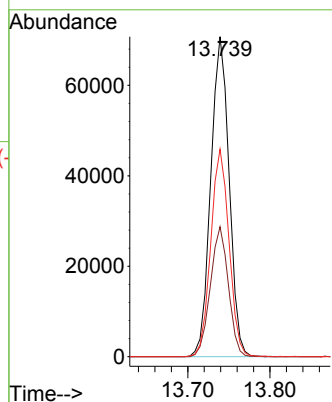
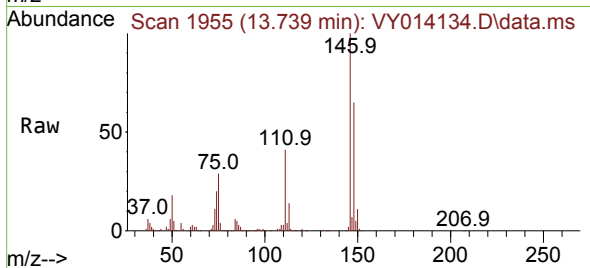
Tgt Ion:146 Resp: 109526

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

148 64.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.594 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

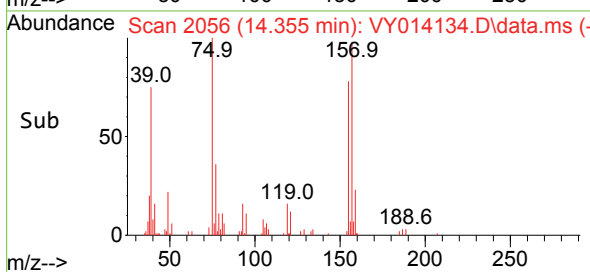
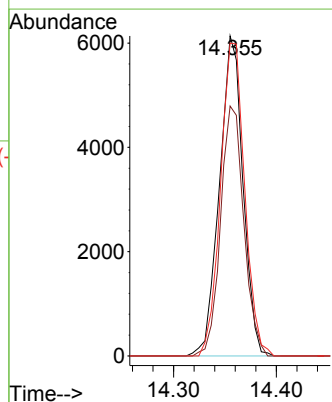
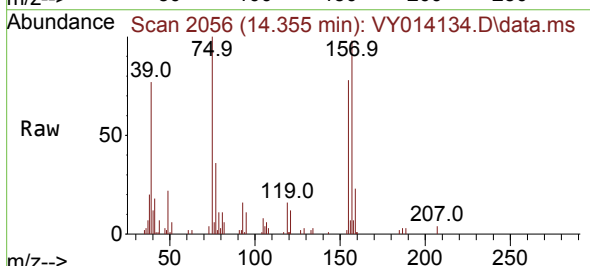
Tgt Ion: 75 Resp: 9730

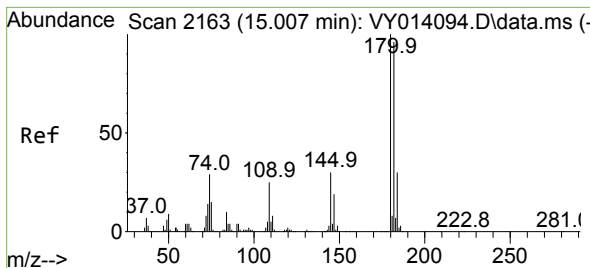
Ion Ratio Lower Upper

75 100

155 77.2 41.5 124.6

157 100.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.282 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0613SBS01

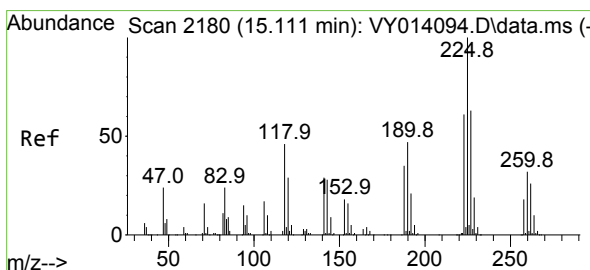
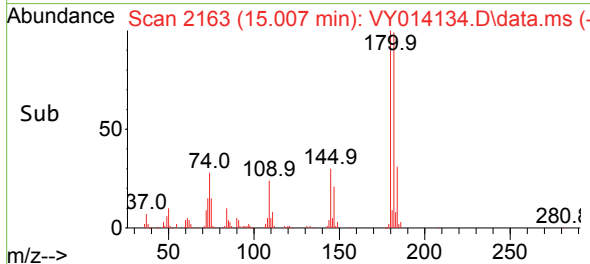
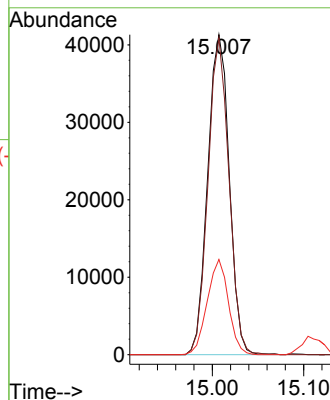
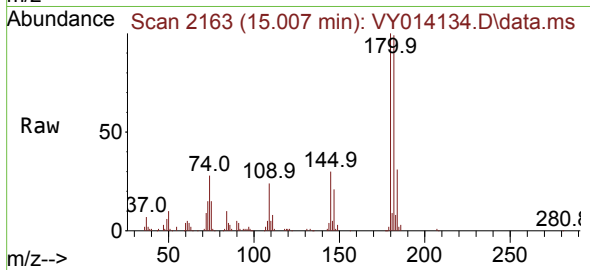
Tgt Ion:180 Resp: 67581

Ion Ratio Lower Upper

180 100

182 96.1 47.0 141.2

145 29.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.330 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014134.D

Acq: 13 Jun 2023 12:41

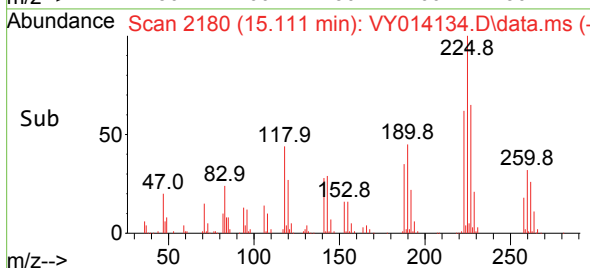
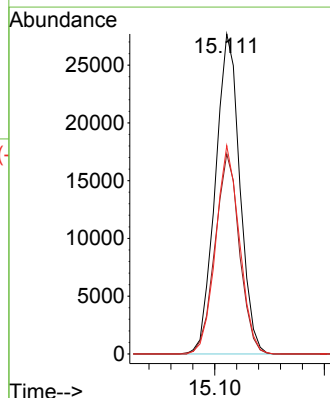
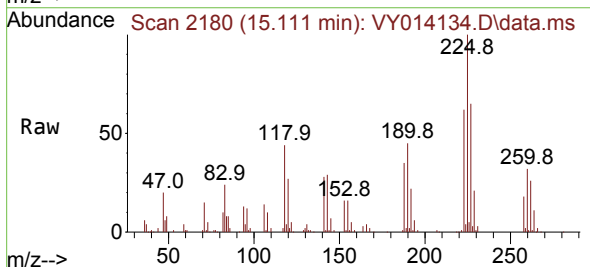
Tgt Ion:225 Resp: 42956

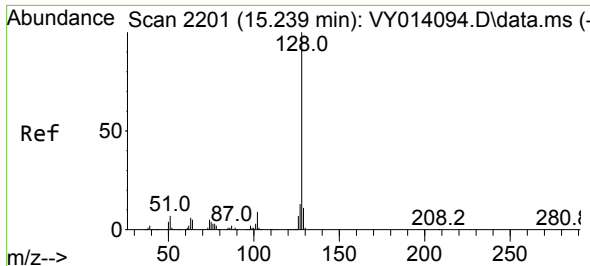
Ion Ratio Lower Upper

225 100

223 62.2 31.9 95.9

227 63.2 33.0 98.9

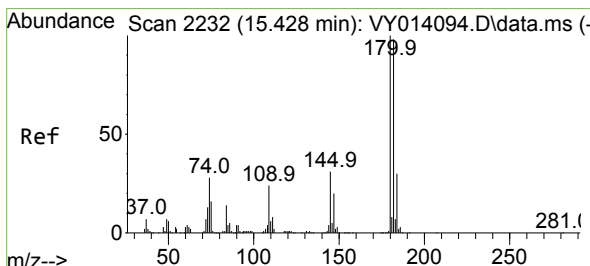
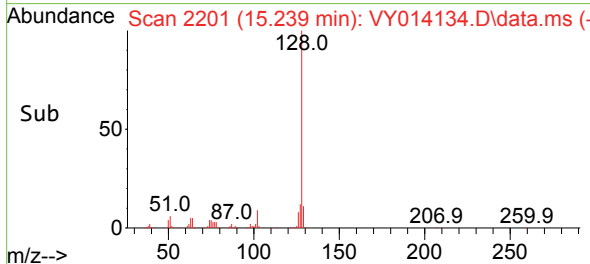
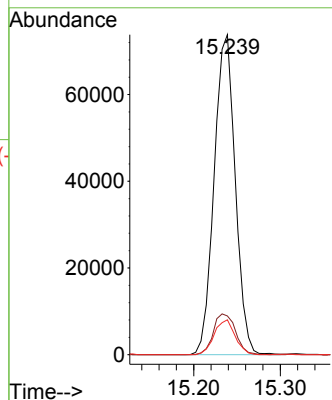
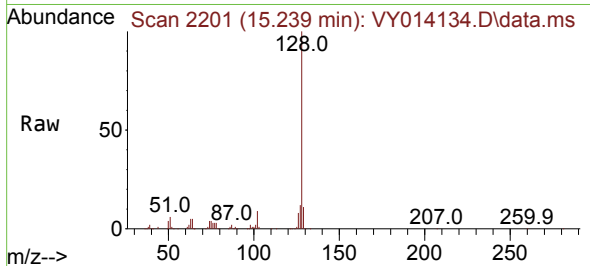




#95
Naphthalene
Concen: 18.487 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0613SBSD01

Tgt Ion:128 Resp: 125034
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.253 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY014134.D
Acq: 13 Jun 2023 12:41

Tgt Ion:180 Resp: 57969
Ion Ratio Lower Upper
180 100
182 99.1 47.3 141.8
145 30.7 15.4 46.2

