

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061423\
 Data File : VY014156.D
 Acq On : 14 Jun 2023 16:15
 Operator : KP/MD
 Sample : VY0614SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBS01

Quant Time: Jun 15 01:41:55 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	194158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	287355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	123512	45.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.360%
35) Dibromofluoromethane	7.722	113	106818	52.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.840%
50) Toluene-d8	10.179	98	373229	48.988	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.483	95	142774	52.754	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50066	23.138	ug/l	96
3) Chloromethane	2.113	50	51993	18.950	ug/l	98
4) Vinyl Chloride	2.253	62	53814	20.174	ug/l	97
5) Bromomethane	2.637	94	41709	18.950	ug/l	90
6) Chloroethane	2.790	64	35193	19.415	ug/l	96
7) Trichlorofluoromethane	3.119	101	96154	22.188	ug/l	100
8) Diethyl Ether	3.534	74	27840	19.239	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	49289	22.536	ug/l	98
10) Methyl Iodide	4.088	142	48351	16.742	ug/l	96
11) Tert butyl alcohol	4.954	59	42865	126.856	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	45871	20.692	ug/l	94
13) Acrolein	3.735	56	19309	140.360	ug/l	99
14) Allyl chloride	4.479	41	74768	18.606	ug/l	96
15) Acrylonitrile	5.161	53	74697	100.078	ug/l	98
16) Acetone	3.948	43	75767	92.969	ug/l	98
17) Carbon Disulfide	4.192	76	127118	17.696	ug/l	99
18) Methyl Acetate	4.485	43	58503	18.494	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	128424	19.642	ug/l	94
20) Methylene Chloride	4.716	84	59388	20.726	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	49141	19.874	ug/l	94
22) Diisopropyl ether	6.119	45	155004	20.147	ug/l	98
23) Vinyl Acetate	6.064	43	442663	97.513	ug/l	100
24) 1,1-Dichloroethane	6.015	63	90560	20.415	ug/l	99
25) 2-Butanone	6.984	43	101250	100.927	ug/l	99
26) 2,2-Dichloropropane	6.978	77	86521	20.766	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	55030	19.895	ug/l	99
28) Bromochloromethane	7.338	49	35820	19.856	ug/l	95
29) Tetrahydrofuran	7.344	42	61808	97.161	ug/l	96
30) Chloroform	7.502	83	97492	20.716	ug/l	98
31) Cyclohexane	7.789	56	74446	20.555	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	90422	21.303	ug/l	99
36) 1,1-Dichloropropene	7.917	75	67505	21.248	ug/l	98
37) Ethyl Acetate	7.070	43	43449	19.821	ug/l	98
38) Carbon Tetrachloride	7.899	117	83832	22.866	ug/l	93
39) Methylcyclohexane	9.185	83	77646	22.027	ug/l	98
40) Benzene	8.161	78	200275	21.199	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	61661	55.116	ug/l #	31
42) 1,2-Dichloroethane	8.234	62	72609	21.734	ug/l	99
43) Isopropyl Acetate	8.277	43	80774	21.023	ug/l	99
44) Trichloroethene	8.941	130	55753	22.088	ug/l	97
45) 1,2-Dichloropropane	9.216	63	50726	21.139	ug/l	98
46) Dibromomethane	9.307	93	31013	20.996	ug/l	98
47) Bromodichloromethane	9.496	83	74749	21.613	ug/l	96
48) Methyl methacrylate	9.295	41	36592	20.420	ug/l	98
49) 1,4-Dioxane	9.301	88	7952	423.684	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	217713	104.301	ug/l	100
52) Toluene	10.246	92	128117	21.877	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	75643	20.776	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	83556	21.034	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	41541	21.203	ug/l	98
56) Ethyl methacrylate	10.508	69	55039	20.367	ug/l	98
57) 1,3-Dichloropropane	10.788	76	70416	21.015	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	77276	85.289	ug/l	95
59) 2-Hexanone	10.831	43	157583	104.525	ug/l	98
60) Dibromochloromethane	10.983	129	53575	21.365	ug/l	98
61) 1,2-Dibromoethane	11.087	107	40695	21.047	ug/l	100
64) Tetrachloroethene	10.721	164	50614	21.777	ug/l	94
65) Chlorobenzene	11.514	112	137574	20.998	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	54393	21.107	ug/l	100
67) Ethyl Benzene	11.593	91	244774	21.344	ug/l	98
68) m/p-Xylenes	11.703	106	192079	43.544	ug/l	97
69) o-Xylene	12.032	106	90852	21.784	ug/l	97
70) Styrene	12.044	104	151066	21.223	ug/l	99
71) Bromoform	12.209	173	37641	21.328	ug/l #	99
73) Isopropylbenzene	12.331	105	240329	20.829	ug/l	99
74) N-amyl acetate	12.142	43	70986	19.415	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	50218	19.479	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	69931	35.242	ug/l #	100
77) Bromobenzene	12.611	156	60852	20.067	ug/l	95
78) n-propylbenzene	12.672	91	297057	21.079	ug/l	99
79) 2-Chlorotoluene	12.758	91	167263	20.627	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	206495	20.902	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	18238	19.868	ug/l	98
82) 4-Chlorotoluene	12.855	91	177169	20.618	ug/l	99
83) tert-Butylbenzene	13.075	119	176328	21.003	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	206789	21.146	ug/l	99
85) sec-Butylbenzene	13.251	105	266350	21.822	ug/l	99
86) p-Isopropyltoluene	13.373	119	221629	21.216	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	120773	20.859	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	120752	20.699	ug/l	99
89) n-Butylbenzene	13.696	91	207552	21.422	ug/l	99
90) Hexachloroethane	13.965	117	44705	21.477	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	110770	21.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9767	19.894	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	68866	20.905	ug/l	99
94) Hexachlorobutadiene	15.111	225	43734	22.995	ug/l	96
95) Naphthalene	15.239	128	129088	19.306	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	59985	20.151	ug/l	99

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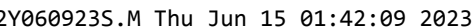
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

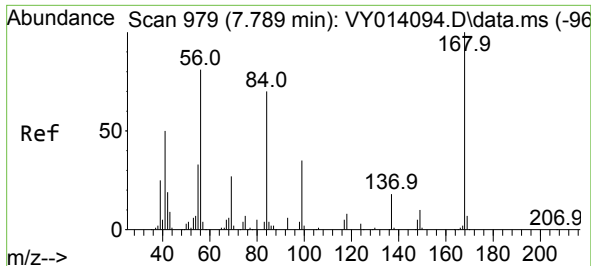
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Response via : Initial Calibration

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

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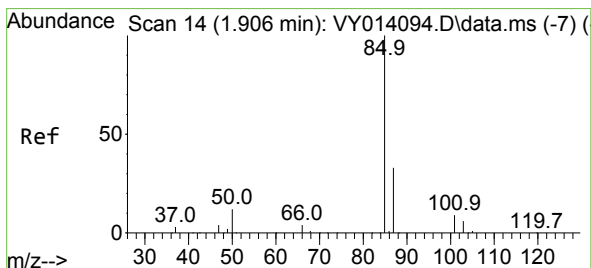
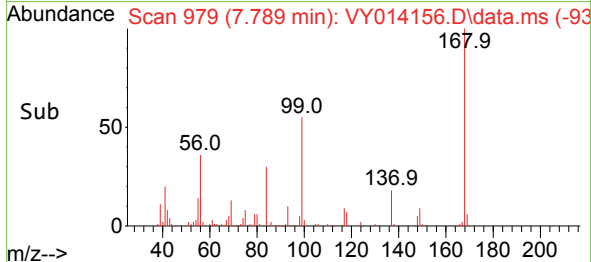
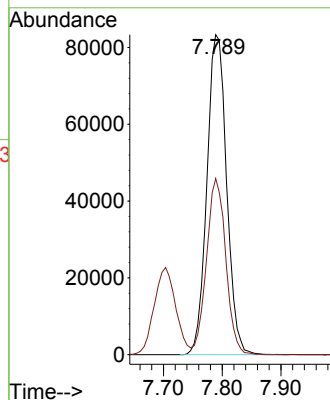
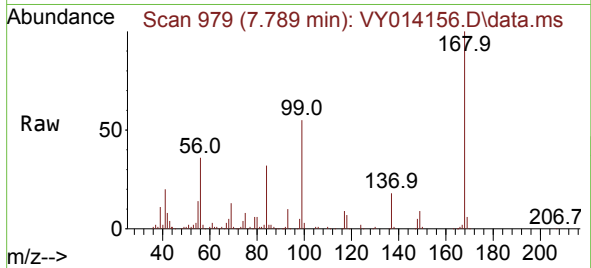




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014156.D
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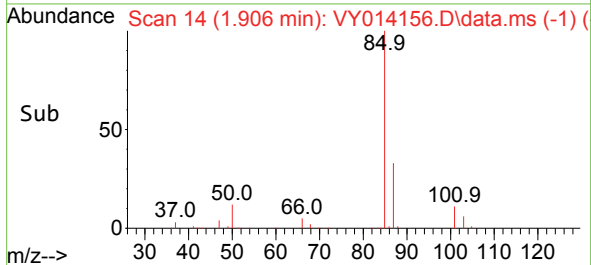
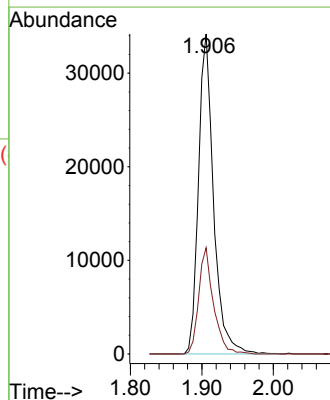
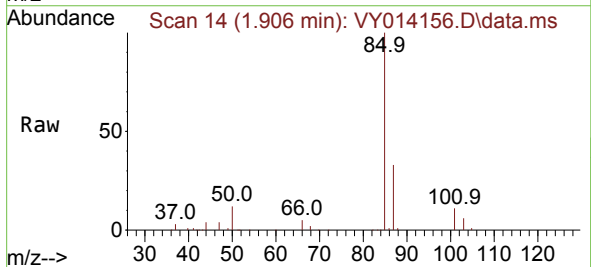
Instrument :
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ClientSampleId :
VY0614SBS01

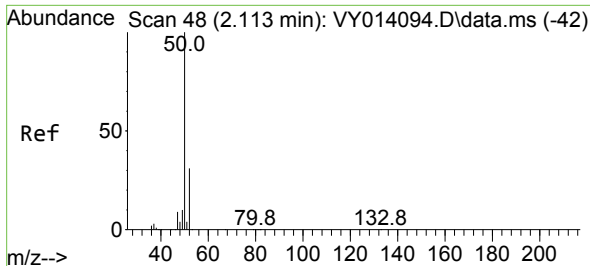
Tgt Ion:168 Resp: 194158
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 23.138 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 85 Resp: 50066
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8

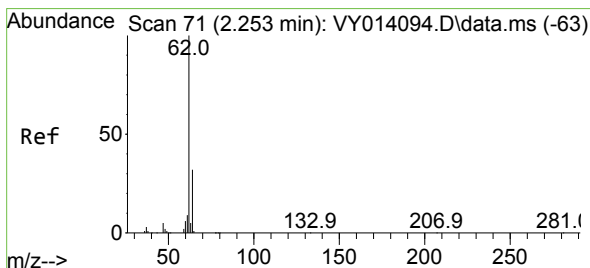
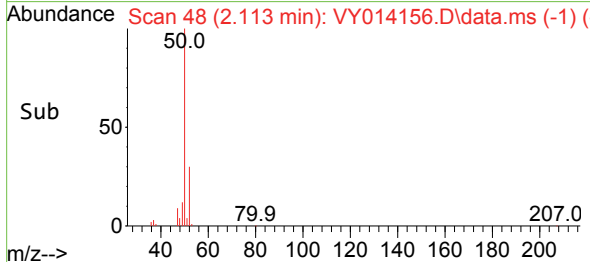
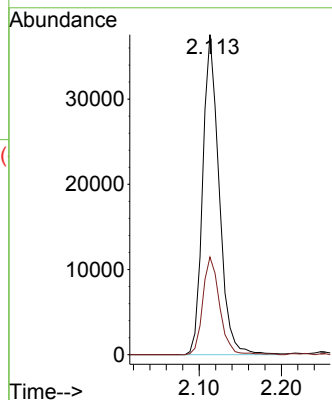
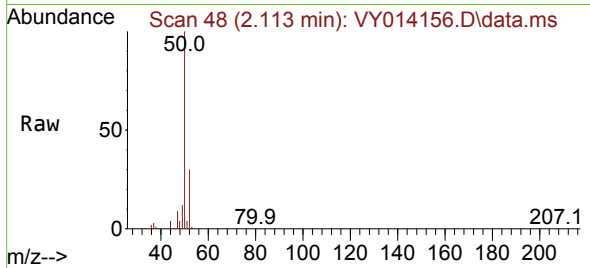




#3
Chloromethane
Concen: 18.950 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

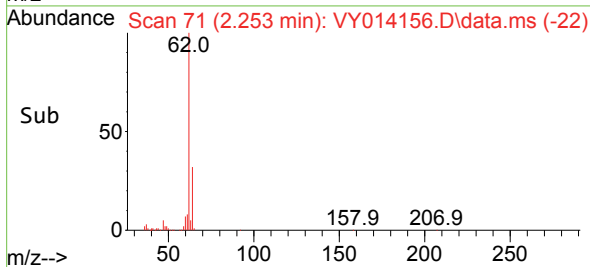
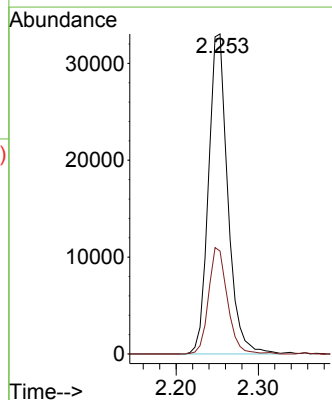
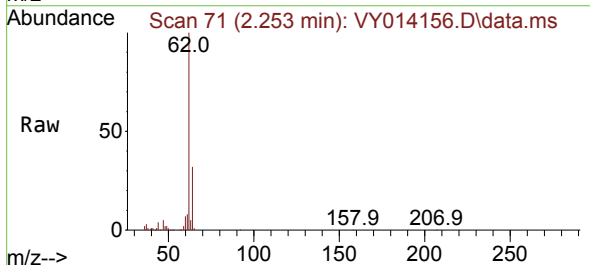
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ClientSampleId :
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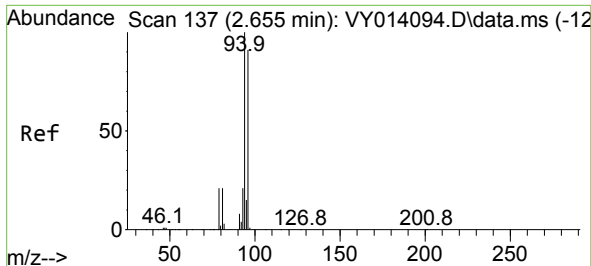
Tgt Ion: 50 Resp: 51993
Ion Ratio Lower Upper
50 100
52 30.5 25.4 38.2



#4
Vinyl Chloride
Concen: 20.174 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 62 Resp: 53814
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5

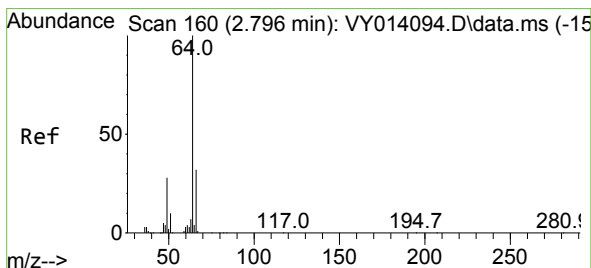
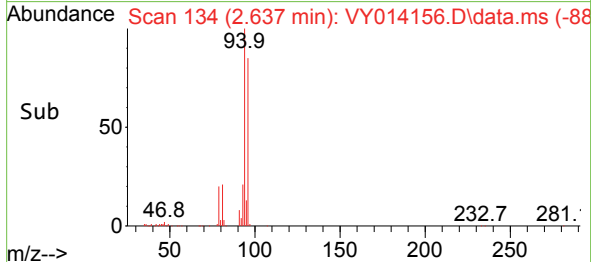
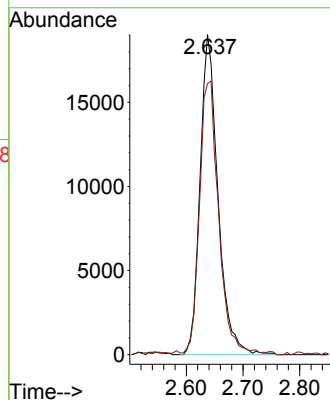
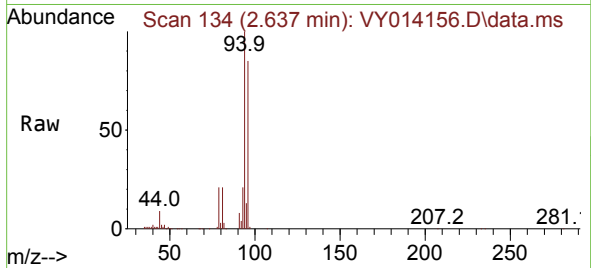




#5
Bromomethane
Concen: 18.950 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

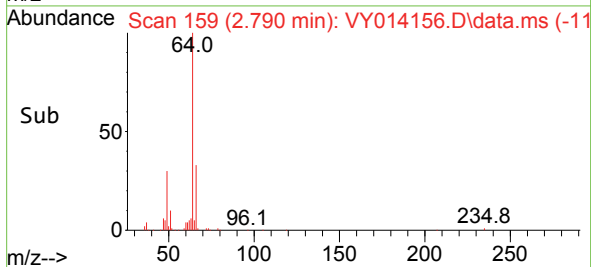
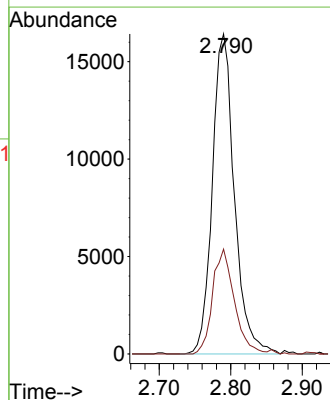
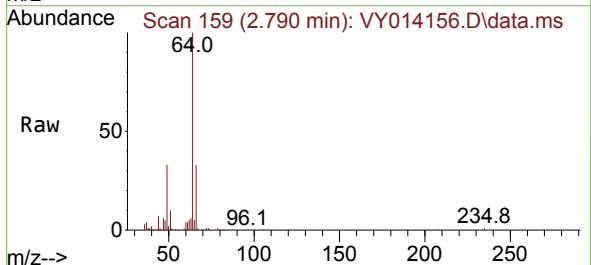
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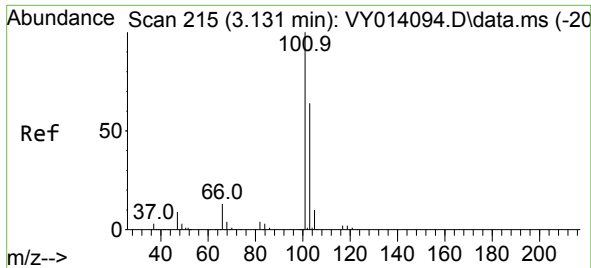
Tgt Ion: 94 Resp: 41709
Ion Ratio Lower Upper
94 100
96 84.7 75.8 113.6



#6
Chloroethane
Concen: 19.415 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 64 Resp: 35193
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6

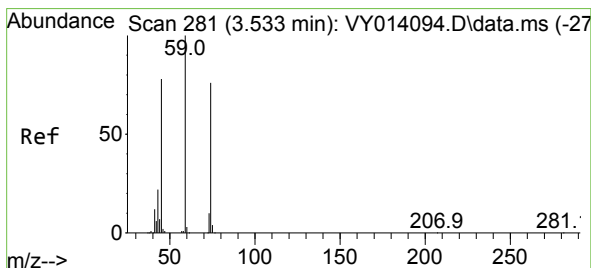
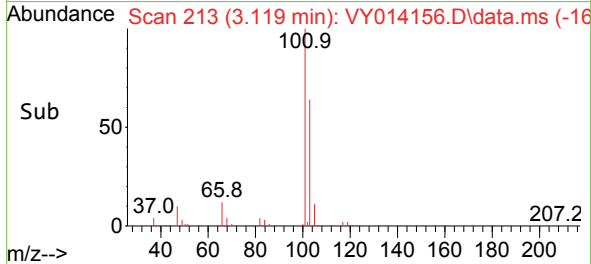
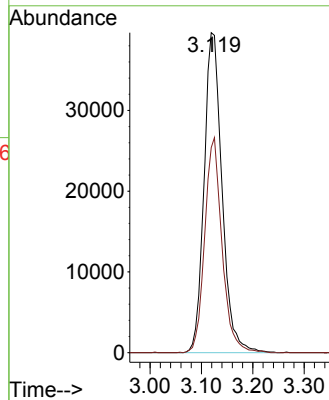
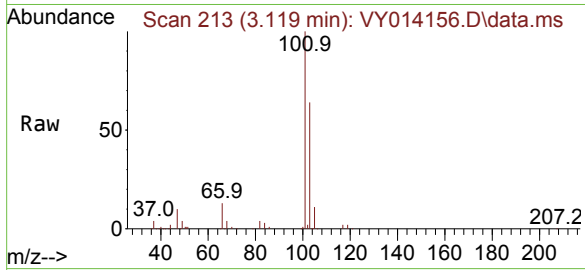




#7
Trichlorofluoromethane
Concen: 22.188 ug/l
RT: 3.119 min Scan# 215
Delta R.T. -0.012 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

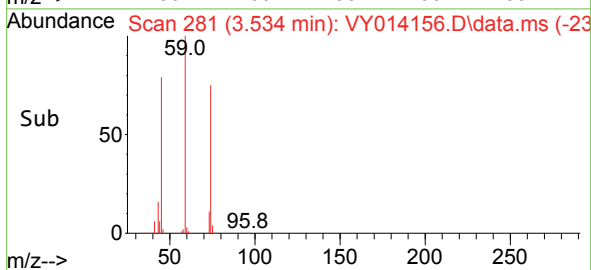
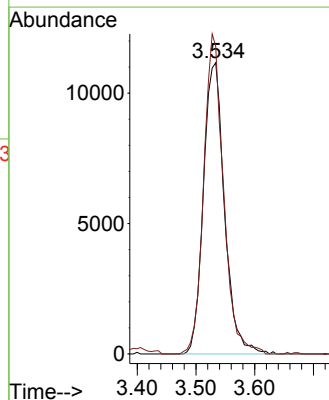
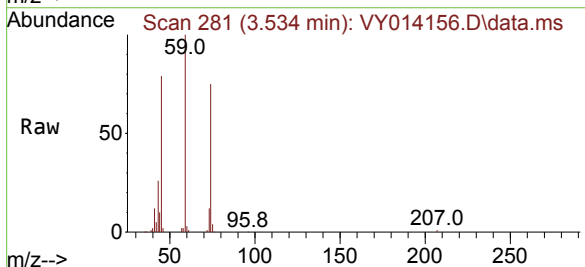
Instrument :
MSVOA_Y
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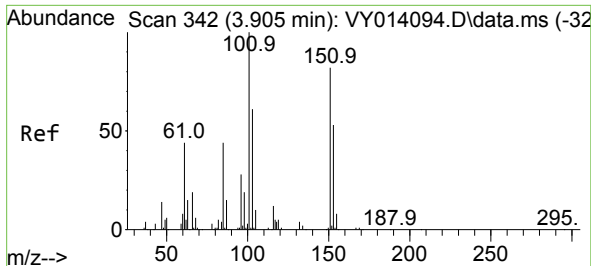
Tgt Ion:101 Resp: 96154
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0



#8
Diethyl Ether
Concen: 19.239 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.001 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 74 Resp: 27840
Ion Ratio Lower Upper
74 100
45 103.3 51.5 154.5

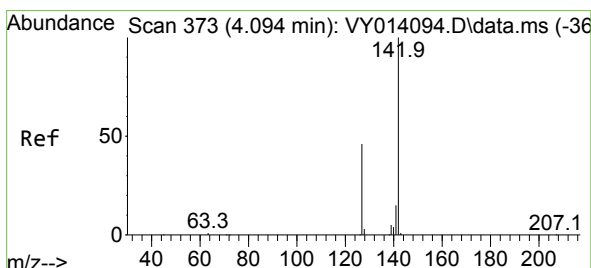
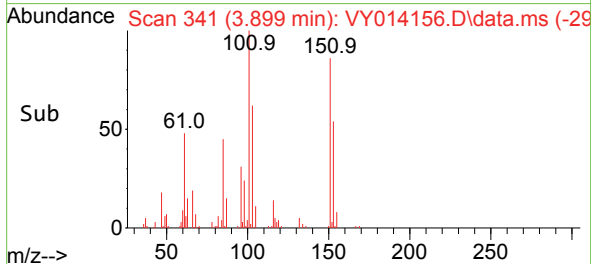
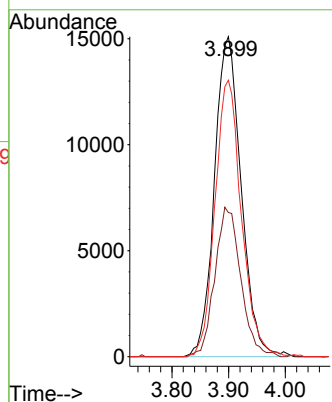
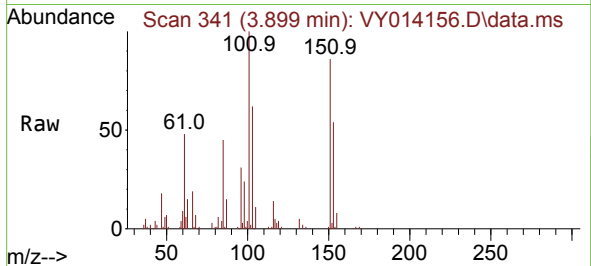




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.536 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

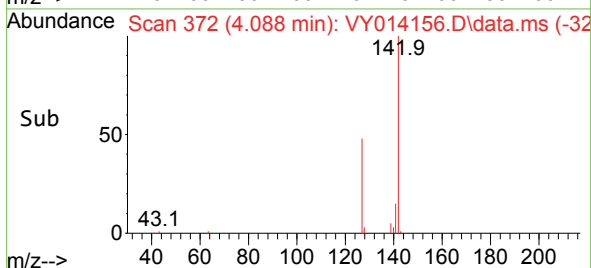
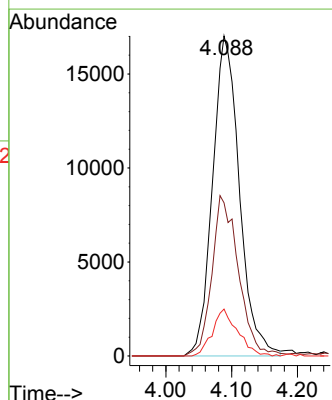
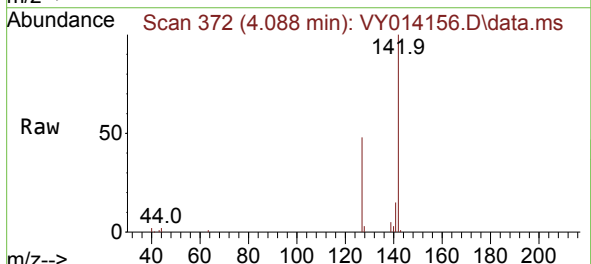
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

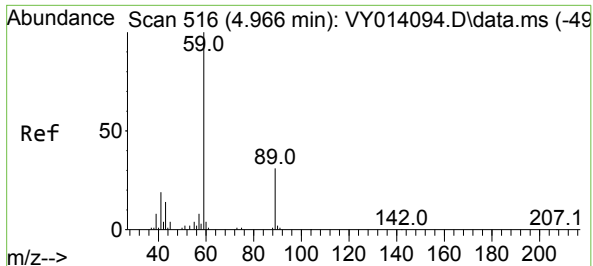
Tgt Ion:101 Resp: 49289
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 85.7 67.0 100.6



#10
Methyl Iodide
Concen: 16.742 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion:142 Resp: 48351
Ion Ratio Lower Upper
142 100
127 49.6 37.6 56.4
141 13.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 126.856 ug/l

RT: 4.954 min Scan# 516

Delta R.T. -0.012 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

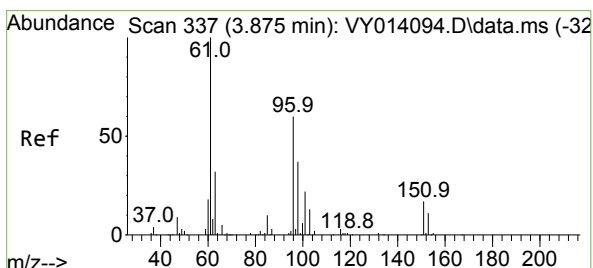
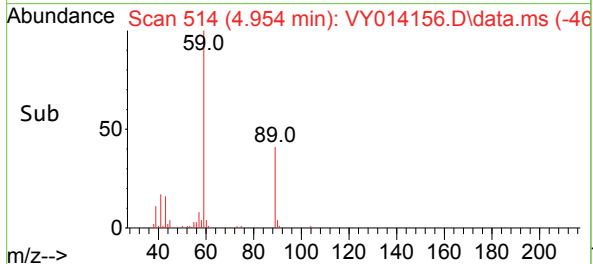
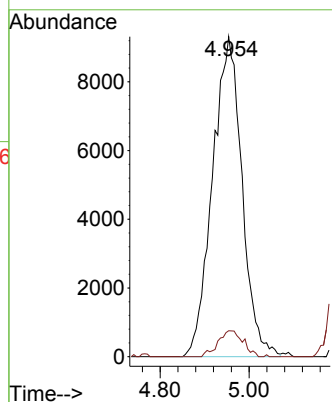
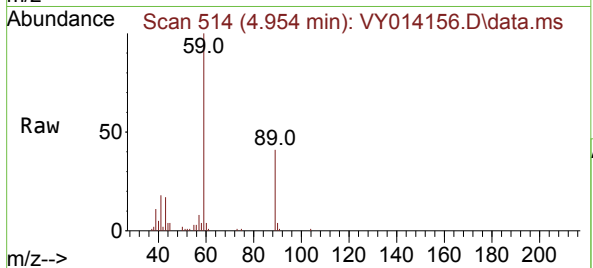
VY0614SBS01

Tgt Ion: 59 Resp: 42865

Ion Ratio Lower Upper

59 100

57 6.9 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.692 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

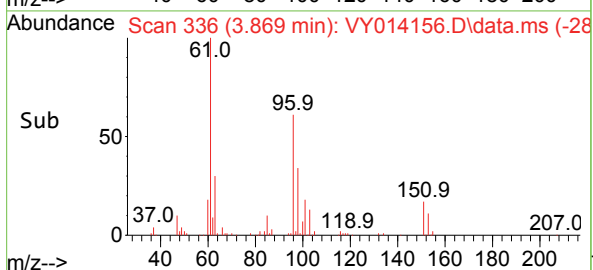
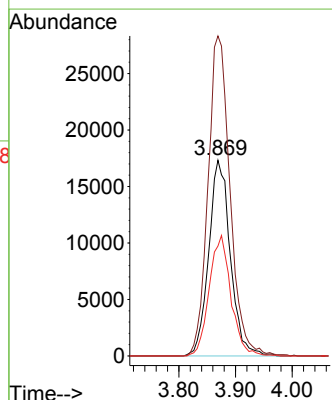
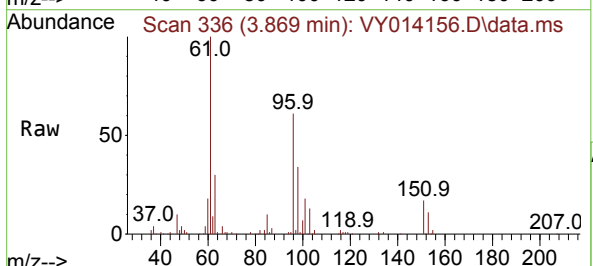
Tgt Ion: 96 Resp: 45871

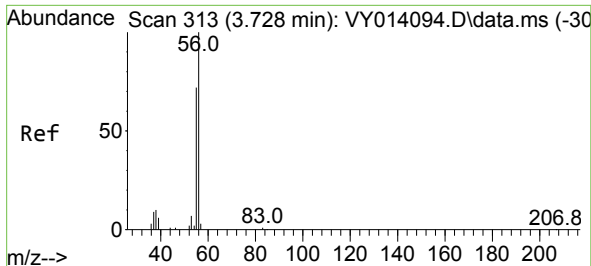
Ion Ratio Lower Upper

96 100

61 163.6 136.4 204.6

98 56.2 49.4 74.2

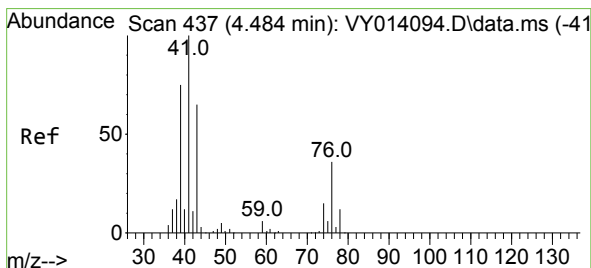
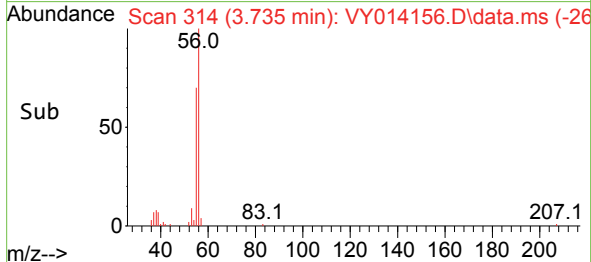
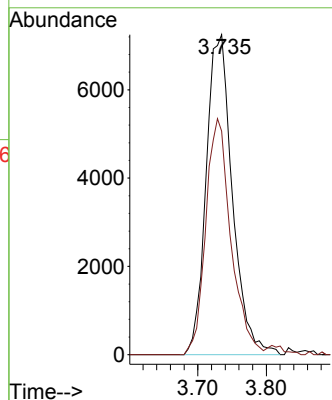
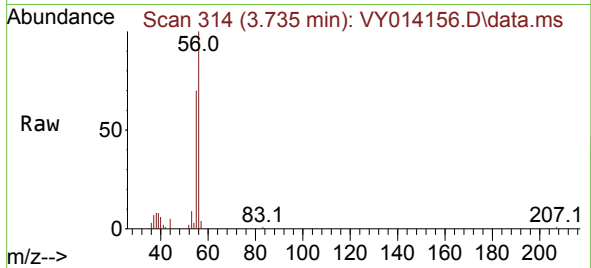




#13
Acrolein
Concen: 140.360 ug/l
RT: 3.735 min Scan# 313
Delta R.T. 0.007 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

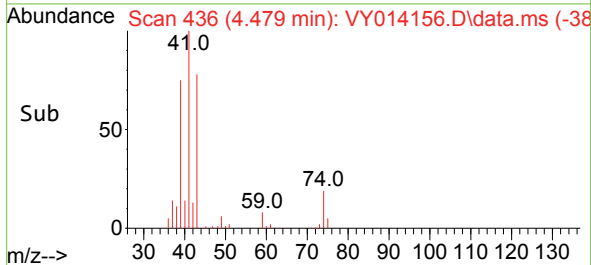
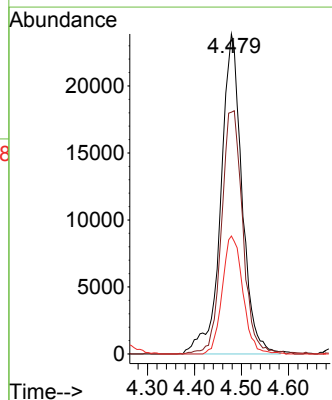
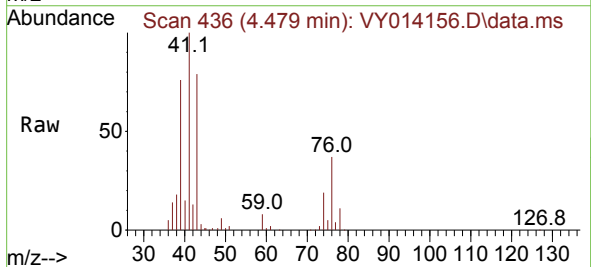
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

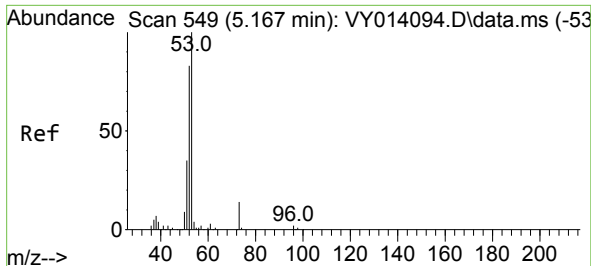
Tgt Ion: 56 Resp: 19309
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.4



#14
Allyl chloride
Concen: 18.606 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.005 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 41 Resp: 74768
Ion Ratio Lower Upper
41 100
39 76.3 58.0 87.0
76 35.9 27.4 41.2

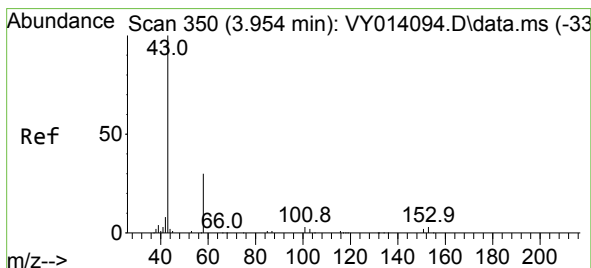
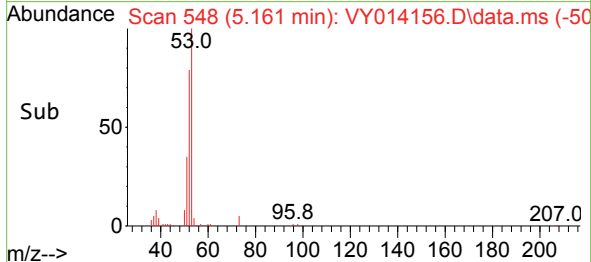
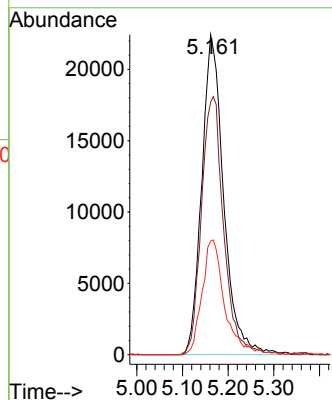
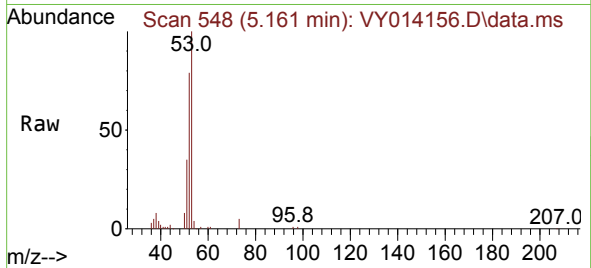




#15
Acrylonitrile
Concen: 100.078 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

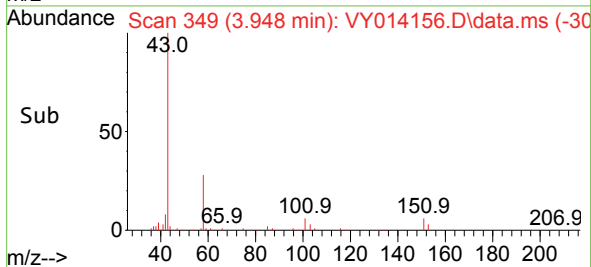
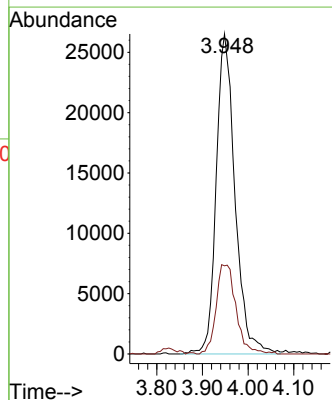
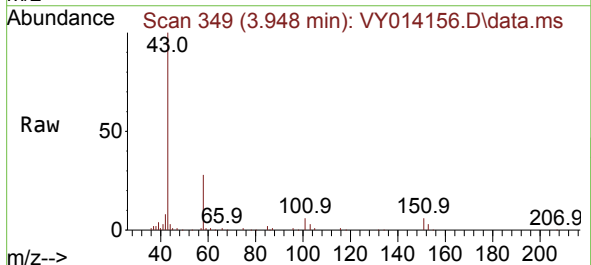
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

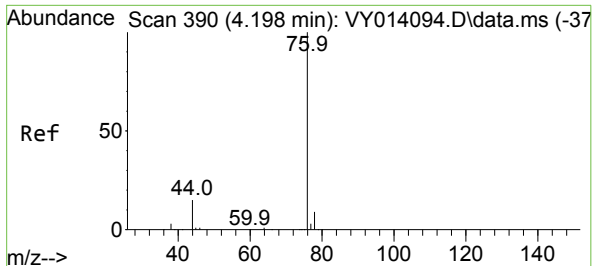
Tgt Ion: 53	Resp: 74697
Ion Ratio	Lower Upper
53 100	
52 81.4	66.9 100.3
51 37.1	29.8 44.6



#16
Acetone
Concen: 92.969 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 43	Resp: 75767
Ion Ratio	Lower Upper
43 100	
58 27.6	22.7 34.1

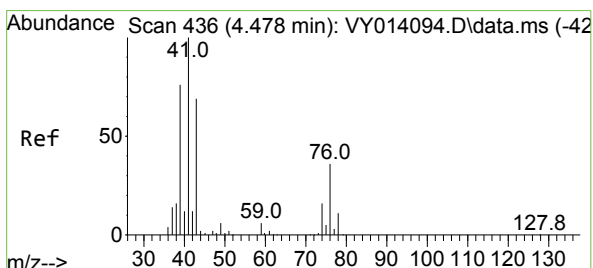
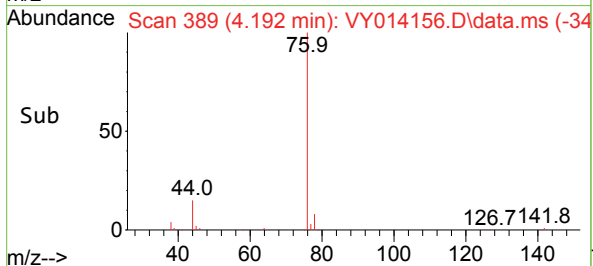
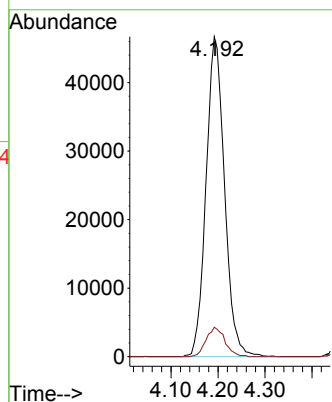
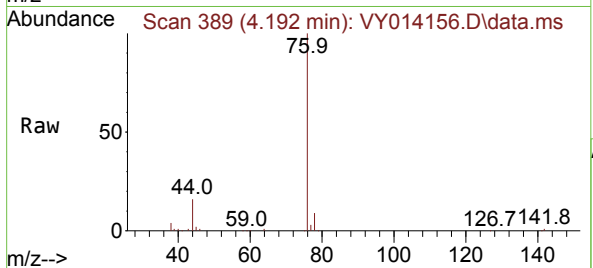




#17
Carbon Disulfide
Concen: 17.696 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

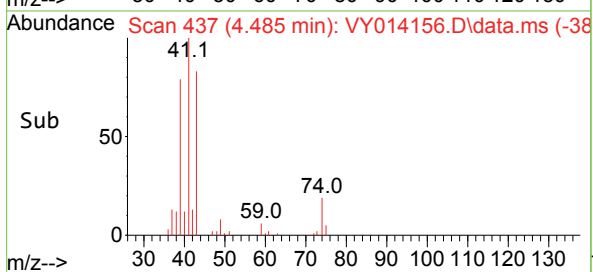
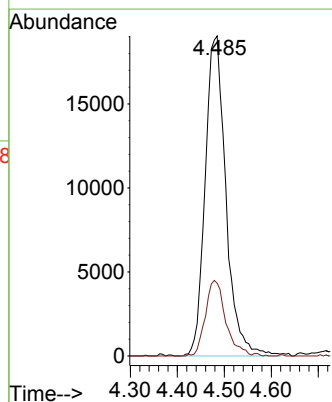
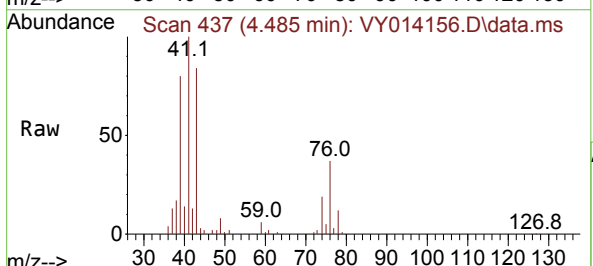
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

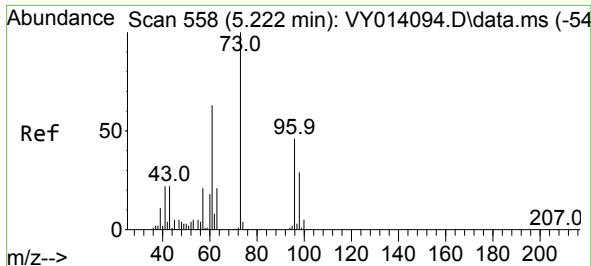
Tgt Ion: 76 Resp: 127118
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 18.494 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 43 Resp: 58503
Ion Ratio Lower Upper
43 100
74 23.0 17.4 26.0

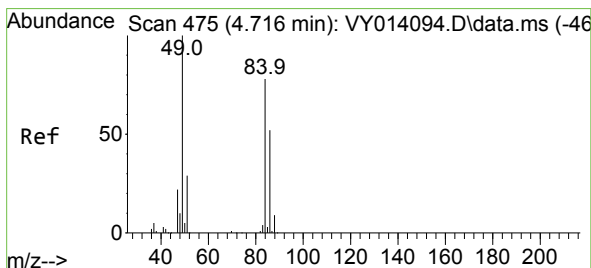
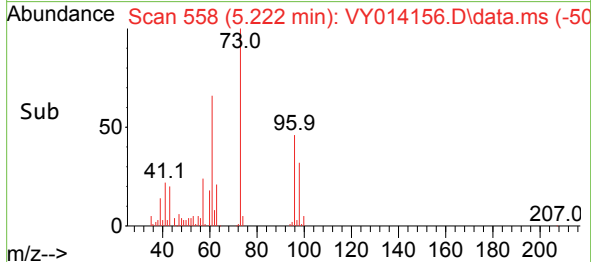
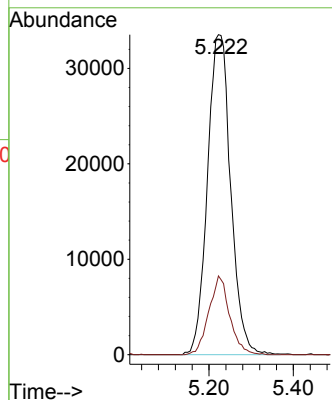
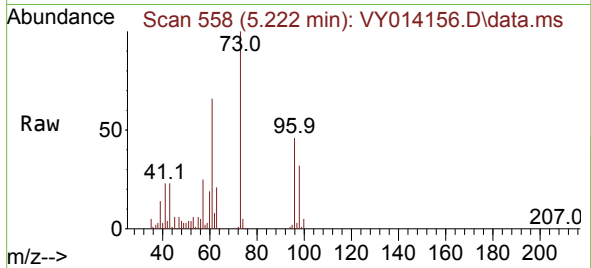




#19
Methyl tert-butyl Ether
Concen: 19.642 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

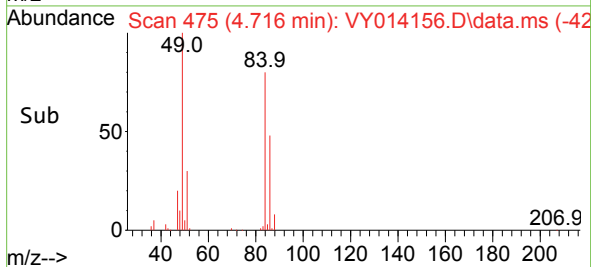
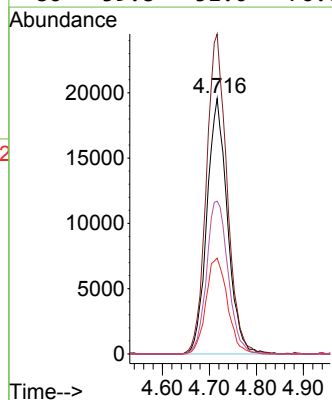
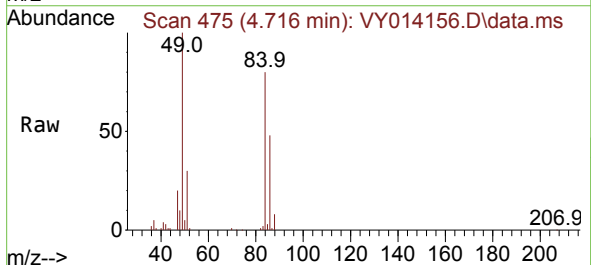
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

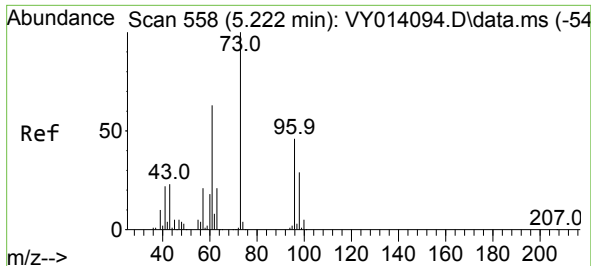
Tgt Ion: 73 Resp: 128424
Ion Ratio Lower Upper
73 100
57 24.6 17.3 25.9



#20
Methylene Chloride
Concen: 20.726 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 84 Resp: 59388
Ion Ratio Lower Upper
84 100
49 125.2 106.9 160.3
51 37.5 33.2 49.8
86 59.8 51.0 76.6

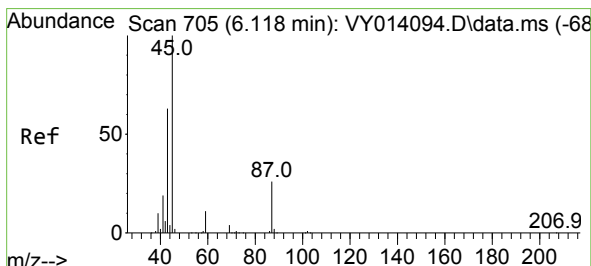
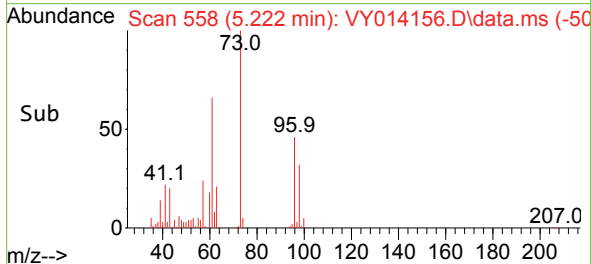
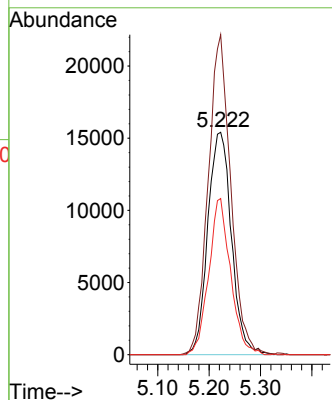
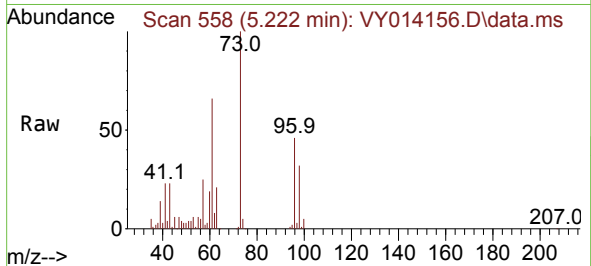




#21
trans-1,2-Dichloroethene
Concen: 19.874 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

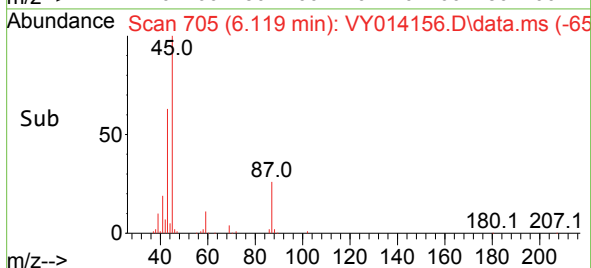
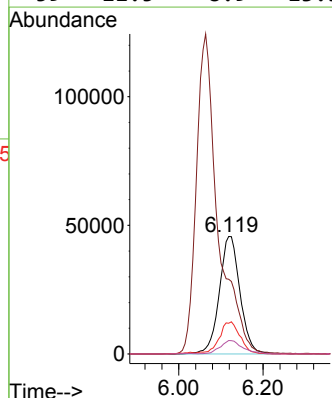
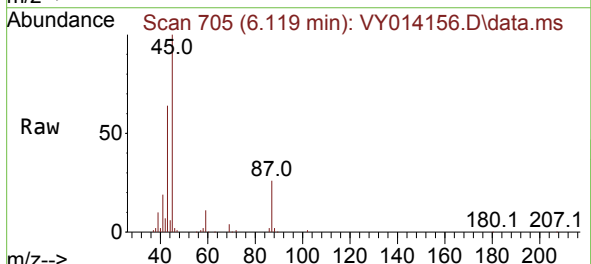
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

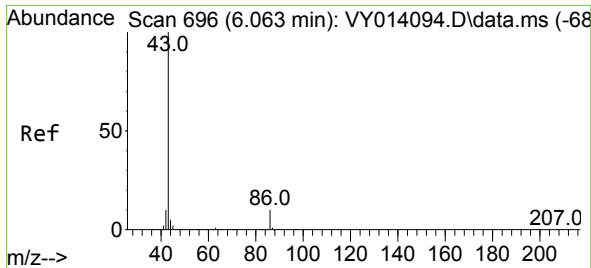
Tgt Ion: 96 Resp: 49141
Ion Ratio Lower Upper
96 100
61 143.9 110.2 165.4
98 70.2 51.8 77.6



#22
Diisopropyl ether
Concen: 20.147 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 45 Resp: 155004
Ion Ratio Lower Upper
45 100
43 63.1 52.2 78.4
87 26.2 21.0 31.6
59 11.5 8.9 13.3

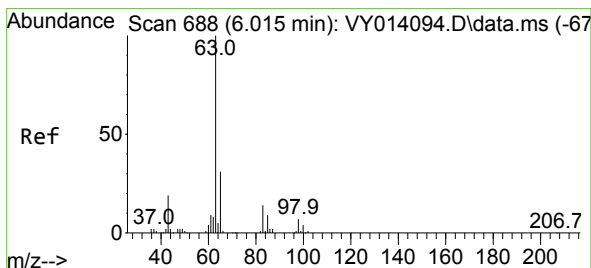
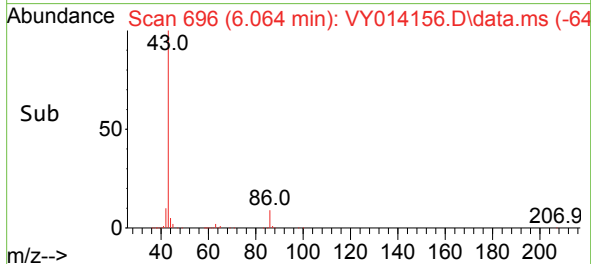
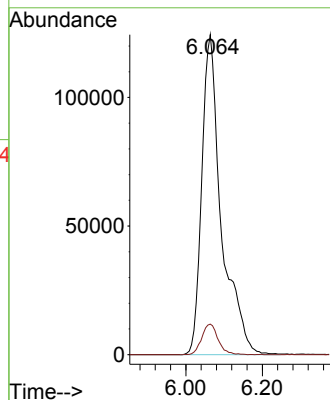
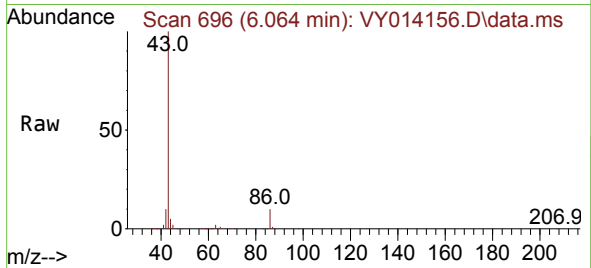




#23
 Vinyl Acetate
 Concen: 97.513 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014156.D
 Acq: 14 Jun 2023 16:15

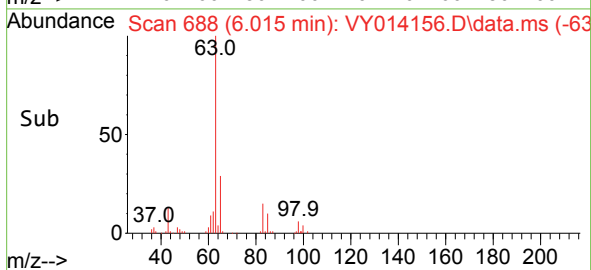
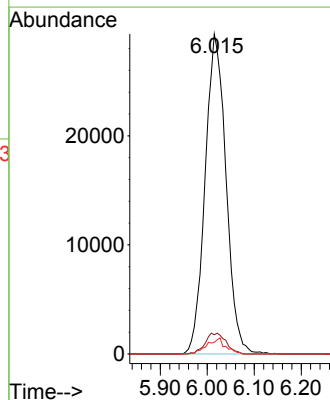
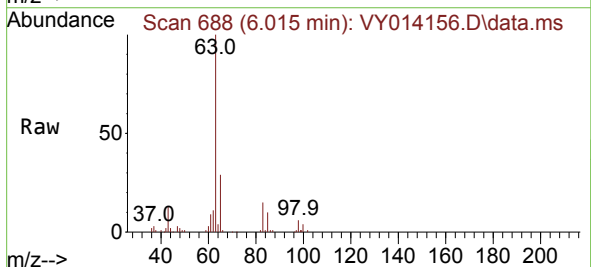
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBS01

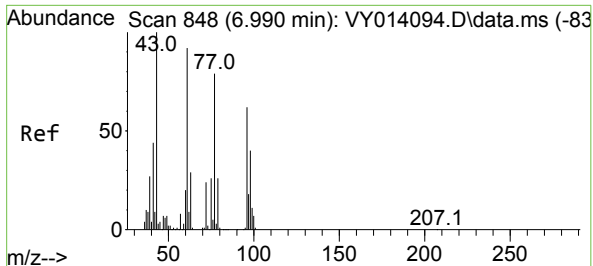
Tgt Ion: 43 Resp: 442663
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.415 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014156.D
 Acq: 14 Jun 2023 16:15

Tgt Ion: 63 Resp: 90560
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.1 9.4
 100 3.7 1.8 5.5





#25

2-Butanone

Concen: 100.927 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

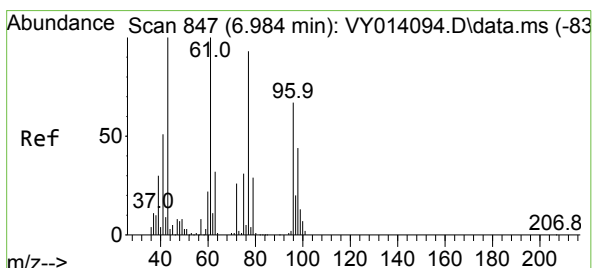
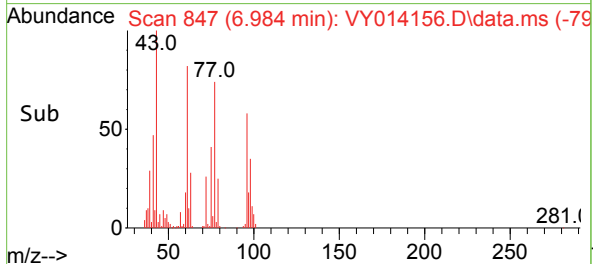
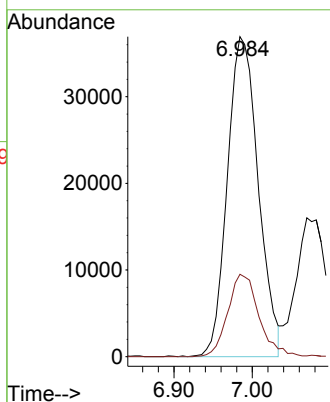
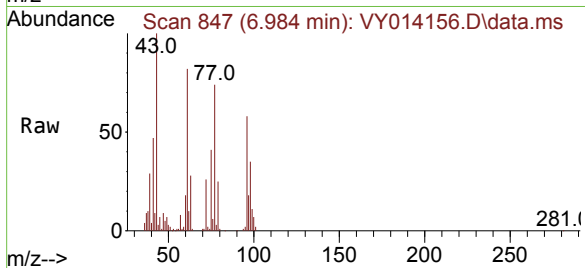
VY0614SBS01

Tgt Ion: 43 Resp: 101250

Ion Ratio Lower Upper

43 100

72 25.9 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.766 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY014156.D

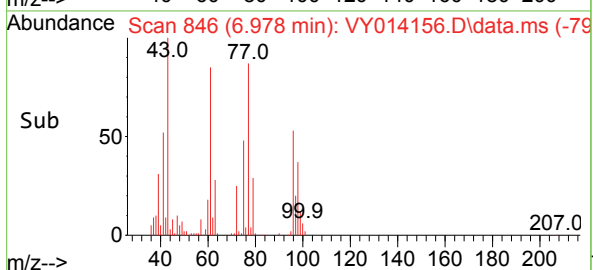
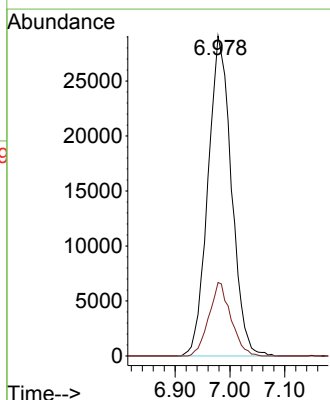
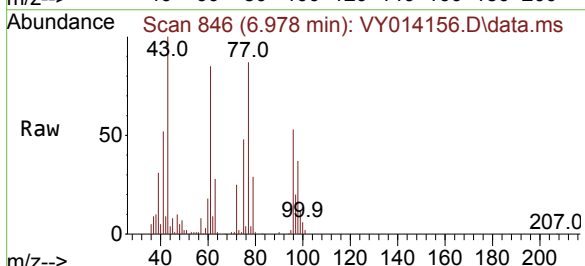
Acq: 14 Jun 2023 16:15

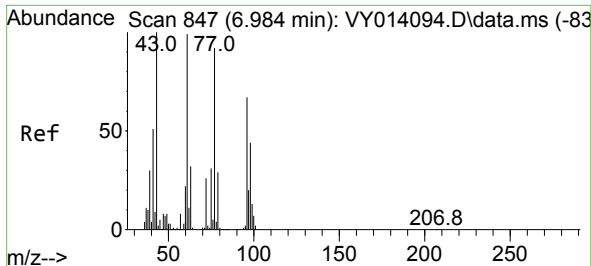
Tgt Ion: 77 Resp: 86521

Ion Ratio Lower Upper

77 100

97 21.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.895 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

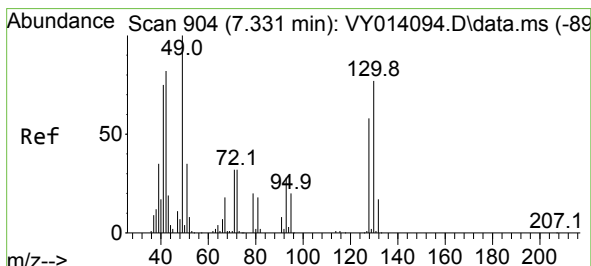
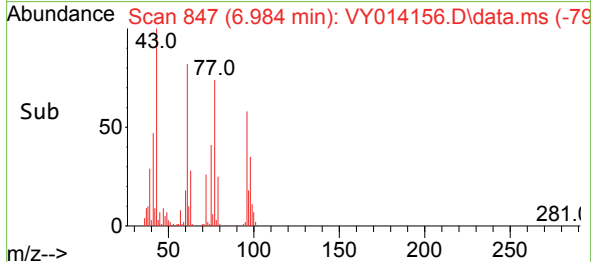
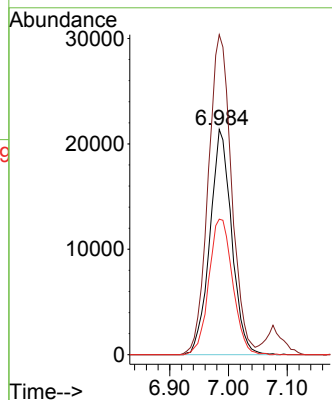
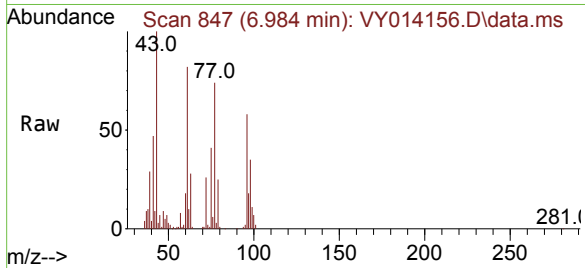
Tgt Ion: 96 Resp: 55030

Ion Ratio Lower Upper

96 100

61 151.9 0.0 301.4

98 65.7 0.0 130.4



#28

Bromochloromethane

Concen: 19.856 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.007 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

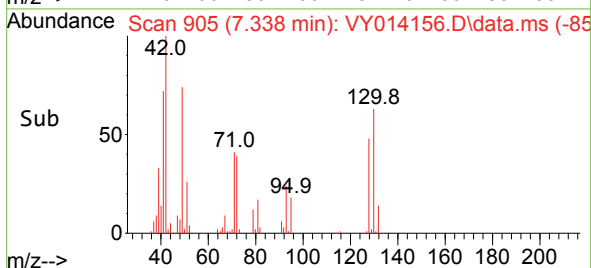
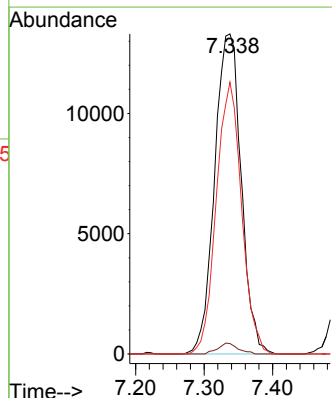
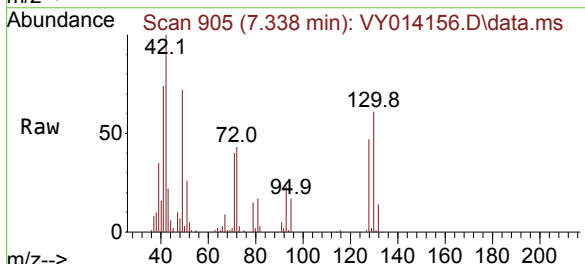
Tgt Ion: 49 Resp: 35820

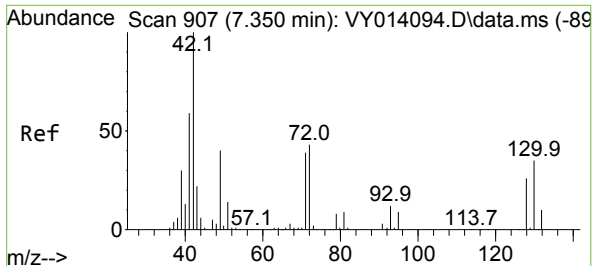
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 80.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 97.161 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

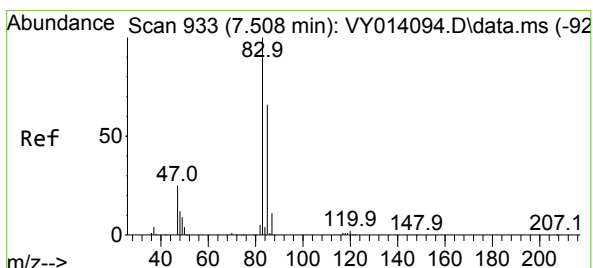
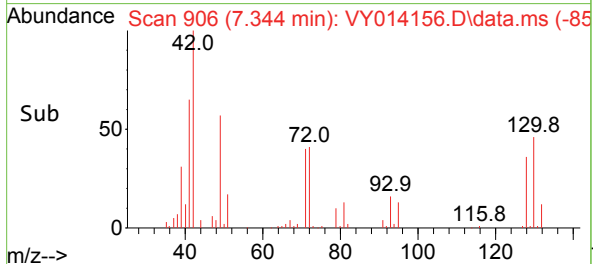
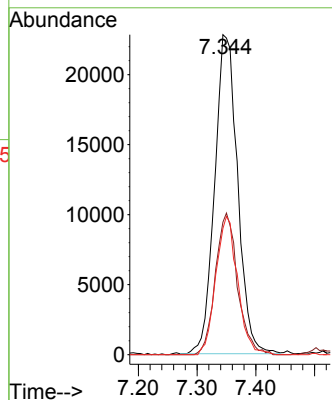
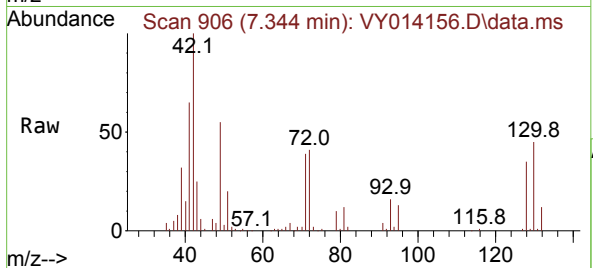
Tgt Ion: 42 Resp: 61808

Ion Ratio Lower Upper

42 100

72 43.0 32.8 49.2

71 41.1 31.0 46.4



#30

Chloroform

Concen: 20.716 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY014156.D

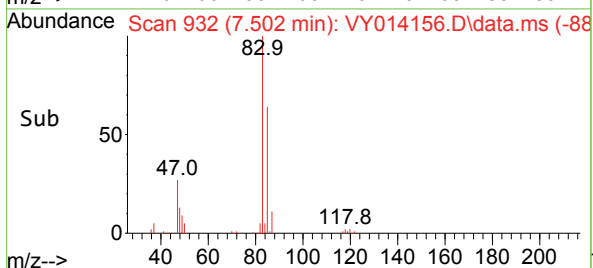
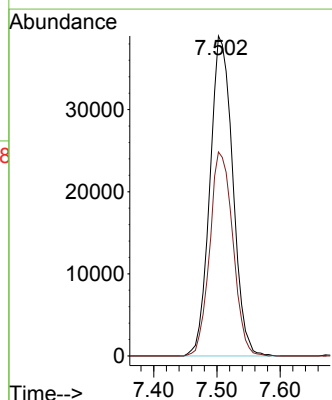
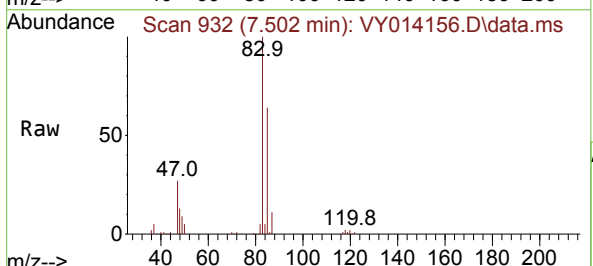
Acq: 14 Jun 2023 16:15

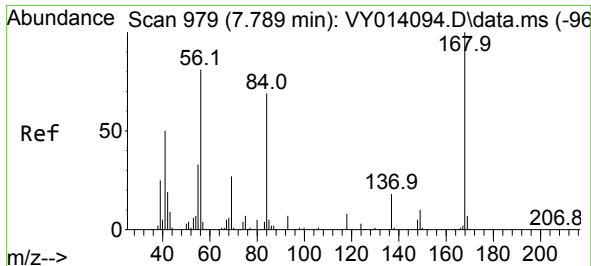
Tgt Ion: 83 Resp: 97492

Ion Ratio Lower Upper

83 100

85 63.7 49.7 74.5

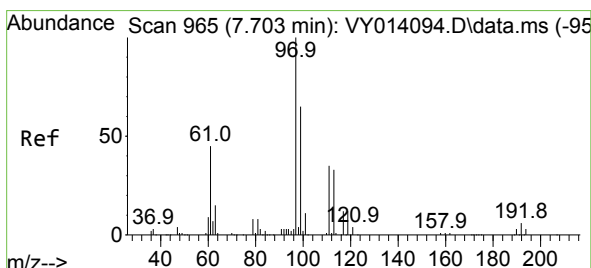
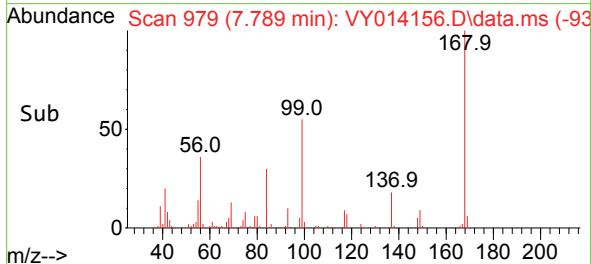
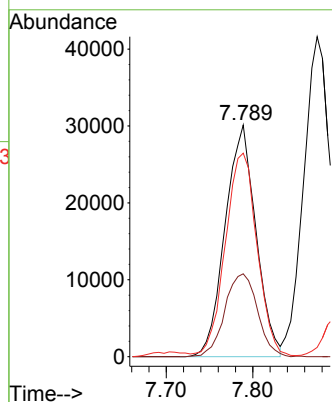
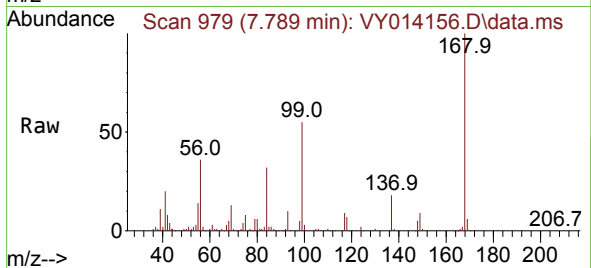




#31
Cyclohexane
Concen: 20.555 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

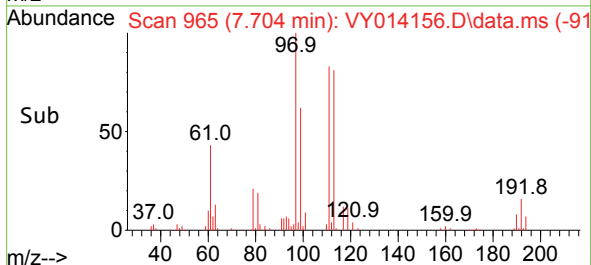
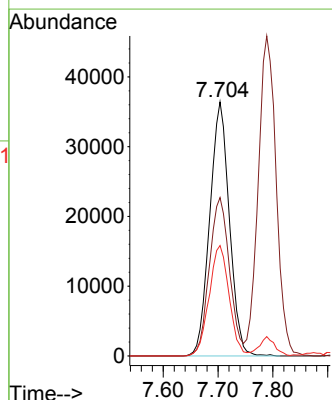
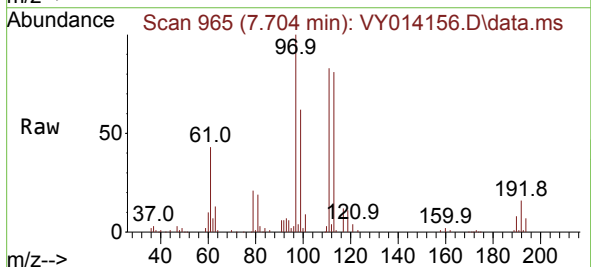
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

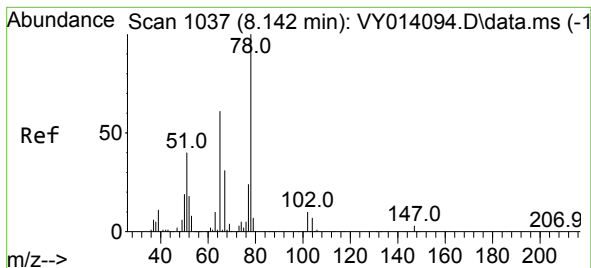
Tgt Ion: 56 Resp: 74446
Ion Ratio Lower Upper
56 100
69 35.8 27.8 41.6
84 86.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.303 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 97 Resp: 90422
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 44.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 45.683 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

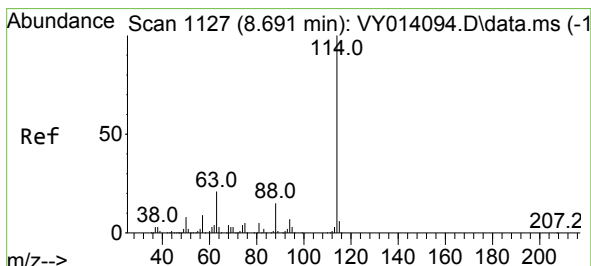
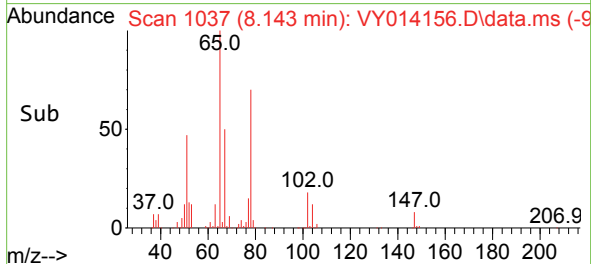
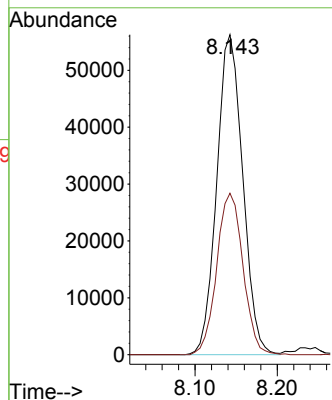
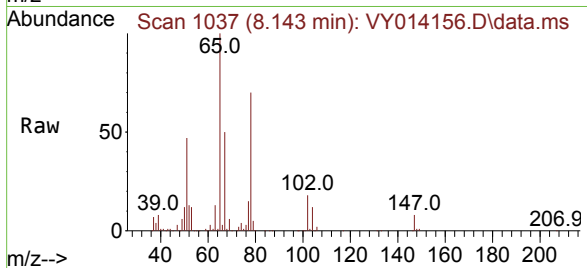
VY0614SBS01

Tgt Ion: 65 Resp: 123512

Ion Ratio Lower Upper

65 100

67 51.1 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: VY014156.D

Acq: 14 Jun 2023 16:15

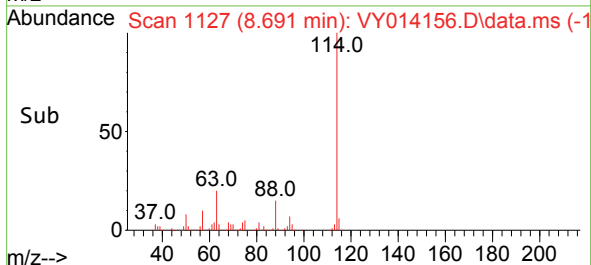
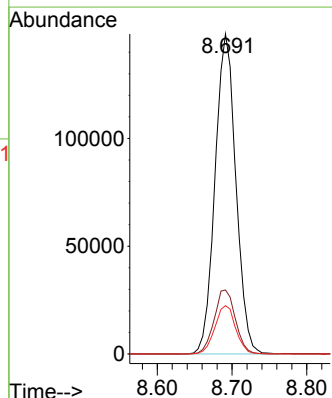
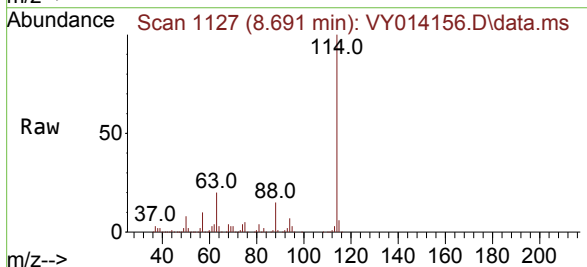
Tgt Ion: 114 Resp: 287355

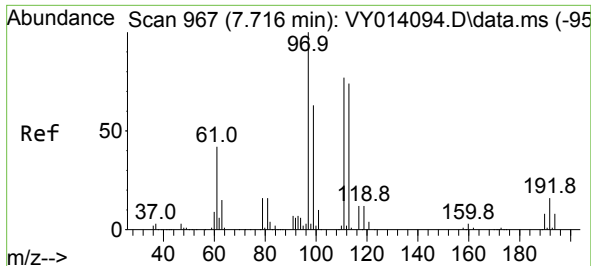
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.4

88 15.1 0.0 30.6

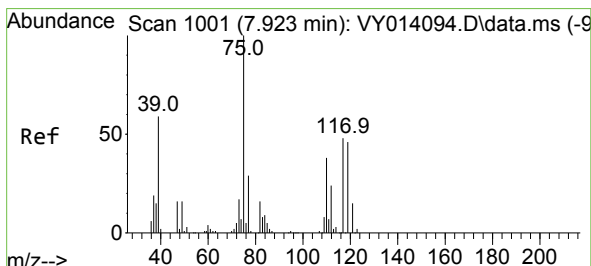
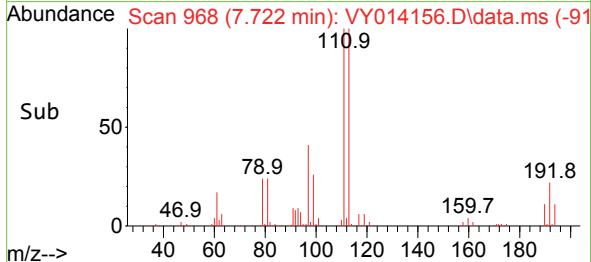
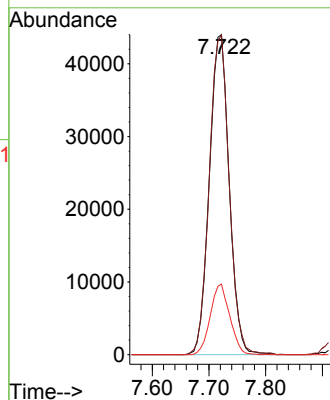
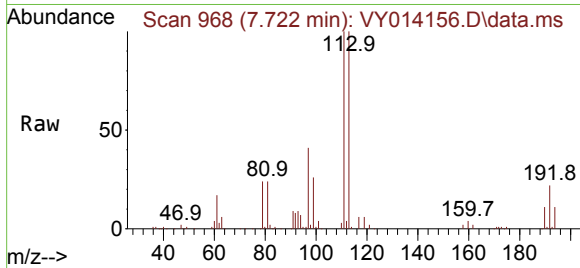




#35
Dibromofluoromethane
Concen: 52.417 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

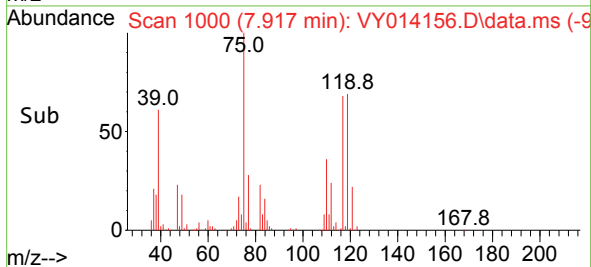
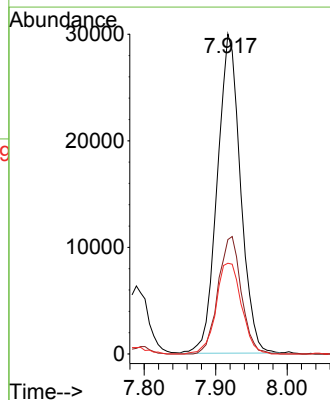
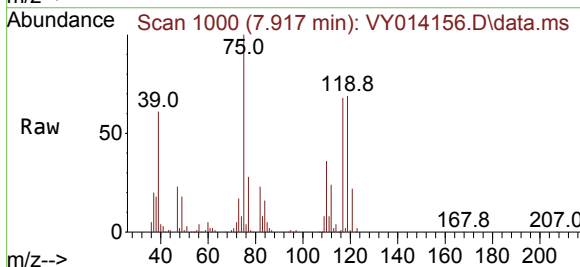
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

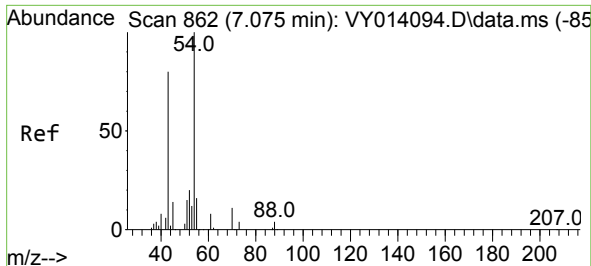
Tgt Ion:113 Resp: 106818
Ion Ratio Lower Upper
113 100
111 100.6 81.3 121.9
192 21.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.248 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 75 Resp: 67505
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 19.821 ug/l

RT: 7.070 min Scan# 862

Delta R.T. -0.005 min

Lab File: VY014156.D

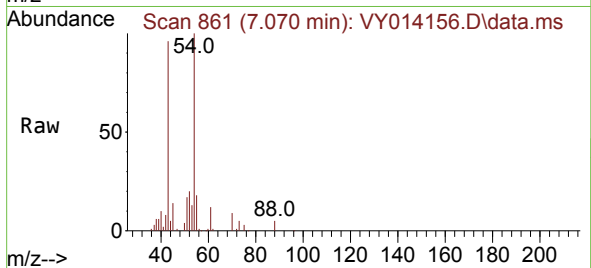
Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01



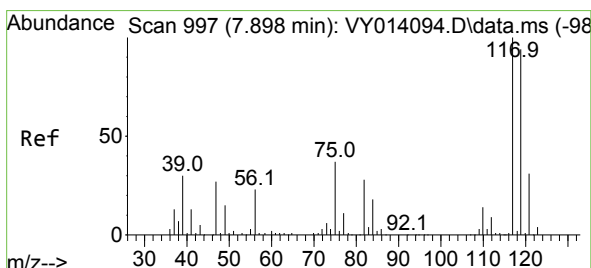
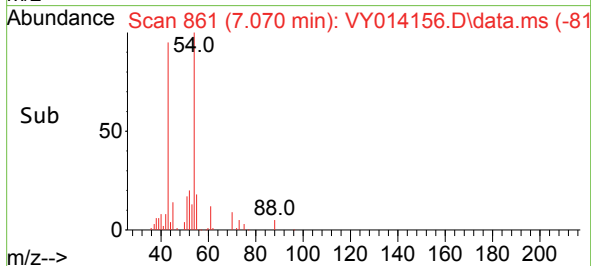
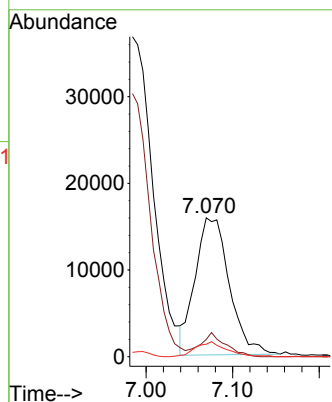
Tgt Ion: 43 Resp: 43449

Ion Ratio Lower Upper

43 100

61 13.0 10.1 15.1

70 9.8 7.1 10.7



#38

Carbon Tetrachloride

Concen: 22.866 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.001 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

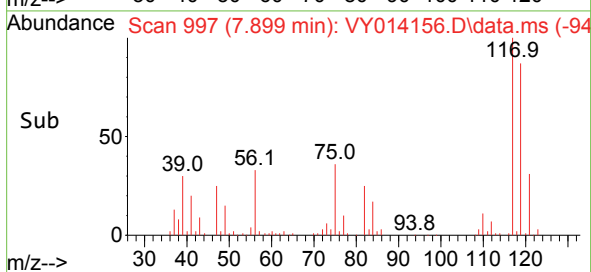
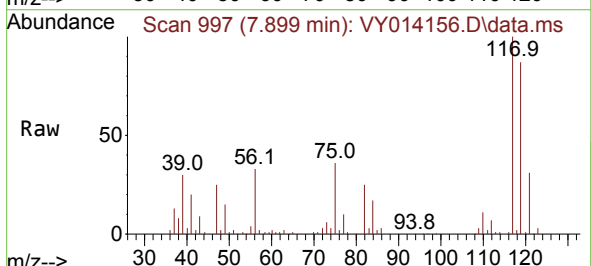
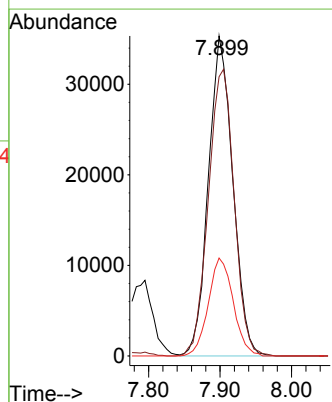
Tgt Ion: 117 Resp: 83832

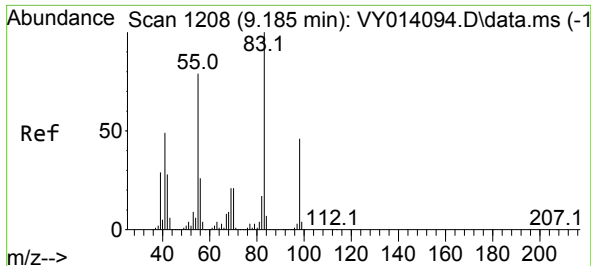
Ion Ratio Lower Upper

117 100

119 87.3 76.4 114.6

121 30.6 25.8 38.6

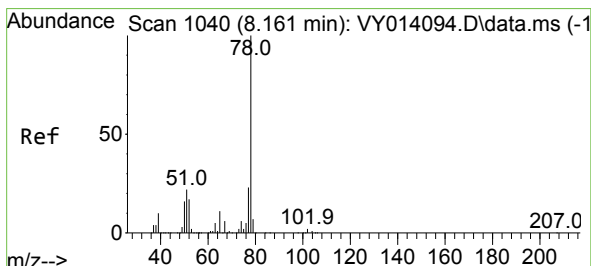
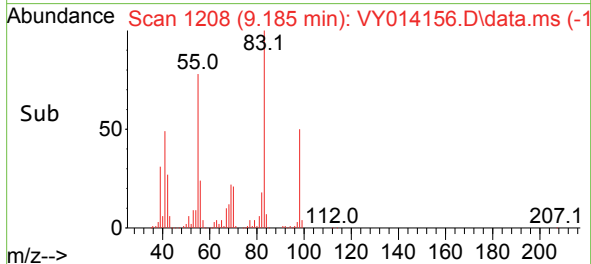
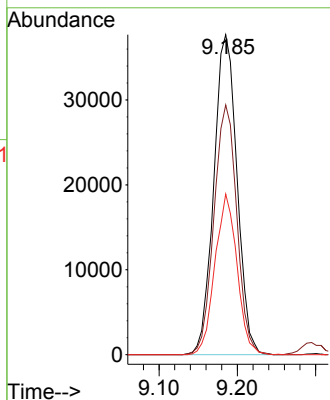
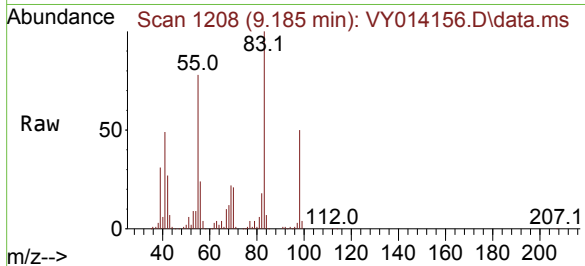




#39
Methylcyclohexane
Concen: 22.027 ug/l
RT: 9.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

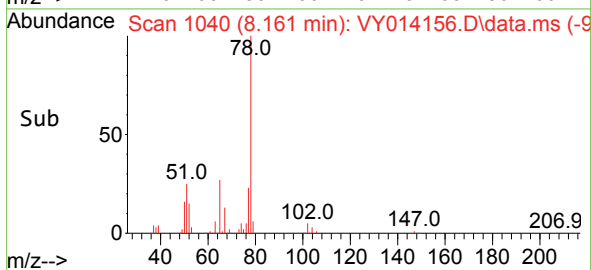
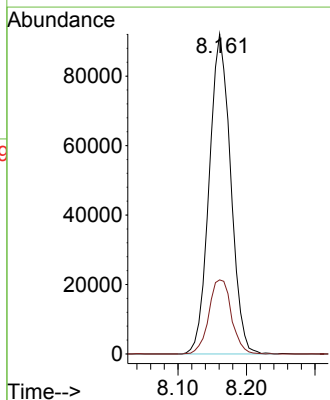
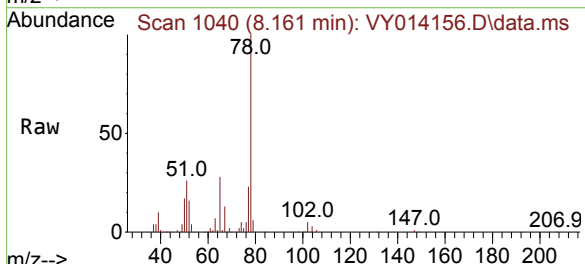
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

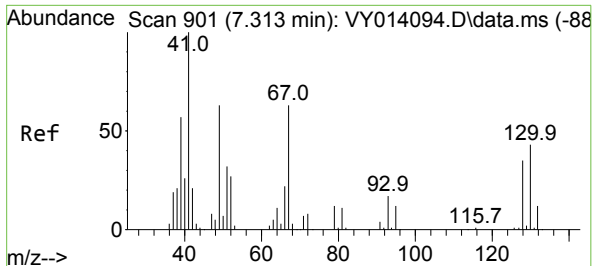
Tgt Ion: 83 Resp: 77646
Ion Ratio Lower Upper
83 100
55 78.1 63.0 94.4
98 50.2 37.4 56.2



#40
Benzene
Concen: 21.199 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 78 Resp: 200275
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6

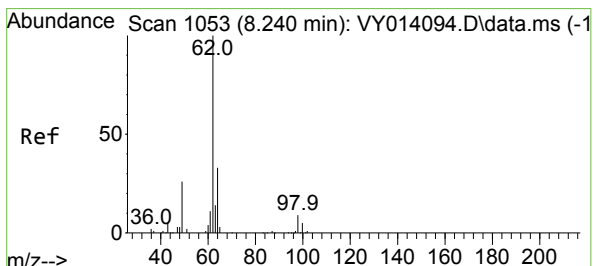
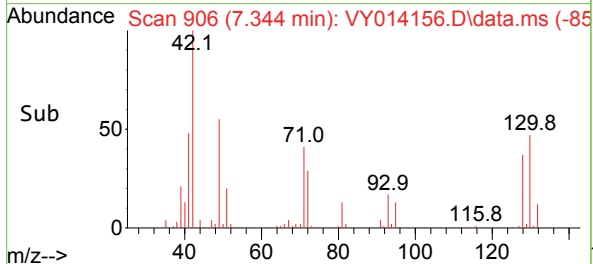
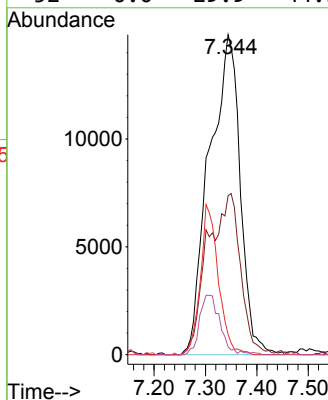
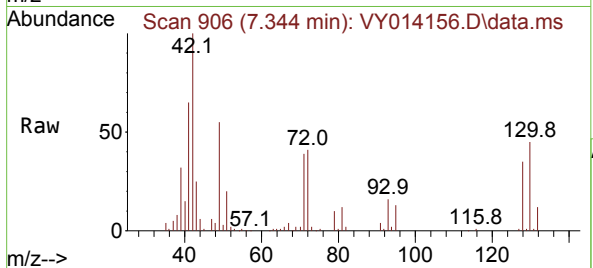




#41
Methacrylonitrile
Concen: 55.116 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

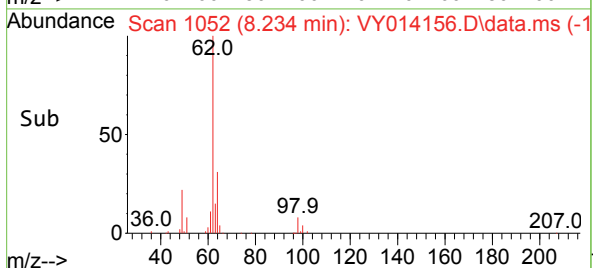
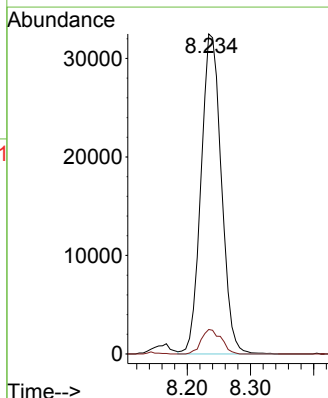
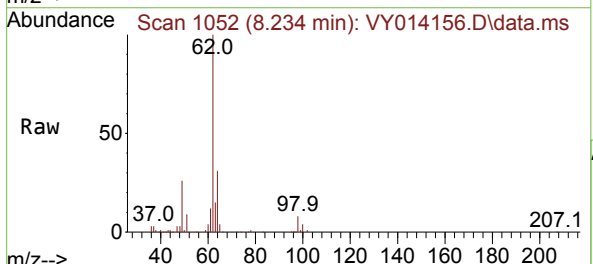
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

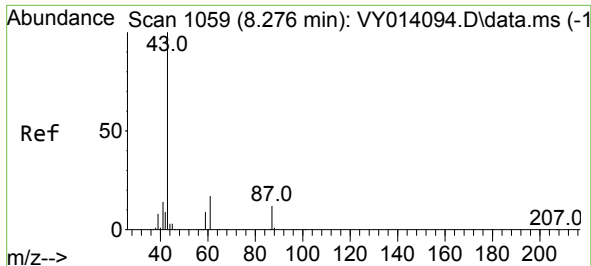
Tgt Ion:	41	Resp:	61661
Ion Ratio	Lower	Upper	
41	100		
39	30.1	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 21.734 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion:	62	Resp:	72609
Ion Ratio	Lower	Upper	
62	100		
98	7.5	0.0	15.8

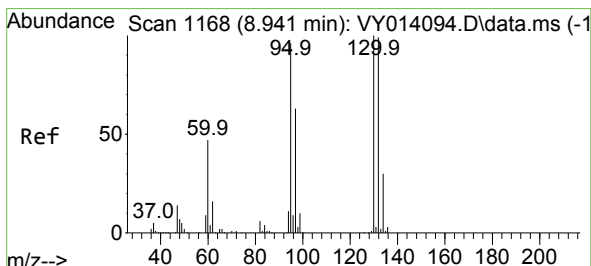
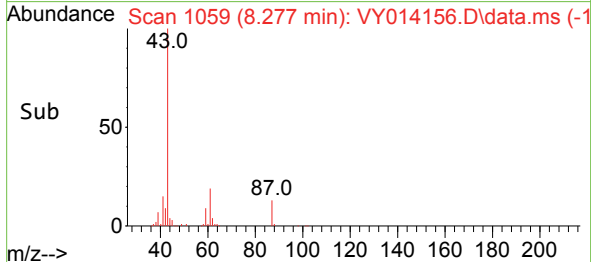
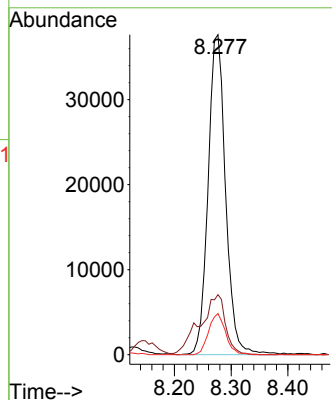
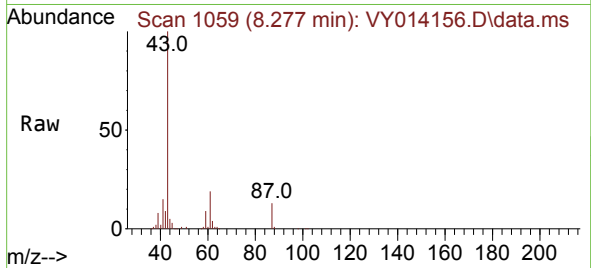




#43
Isopropyl Acetate
Concen: 21.023 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

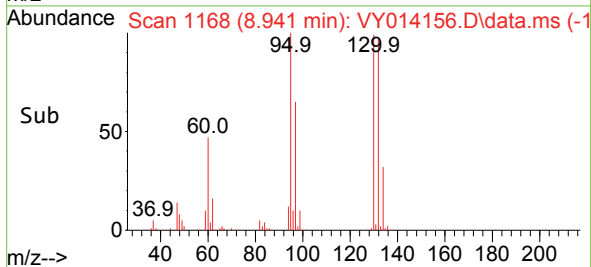
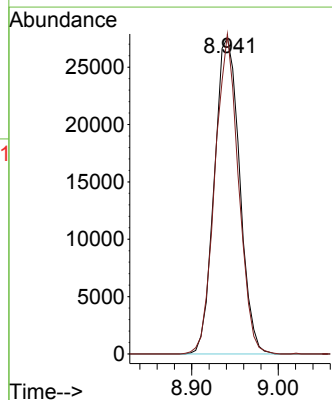
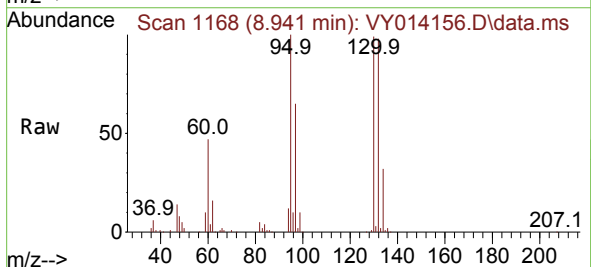
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

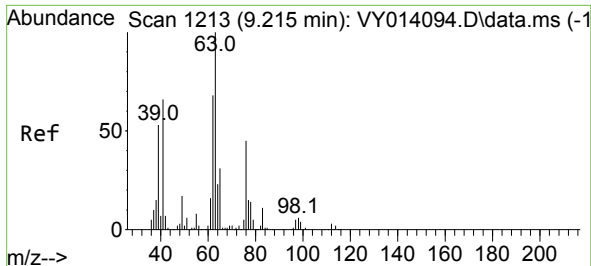
Tgt Ion: 43 Resp: 80774
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 12.5 9.8 14.8



#44
Trichloroethene
Concen: 22.088 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 130 Resp: 55753
Ion Ratio Lower Upper
130 100
95 101.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.139 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

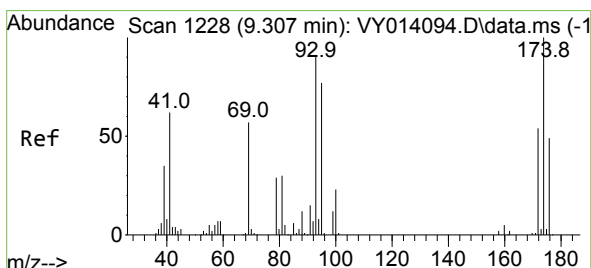
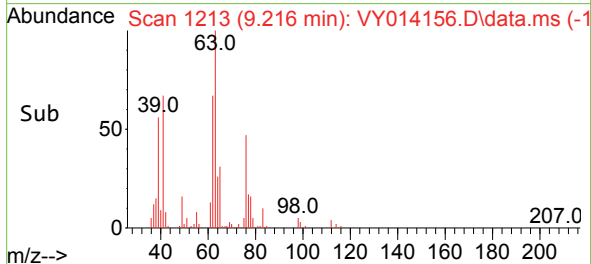
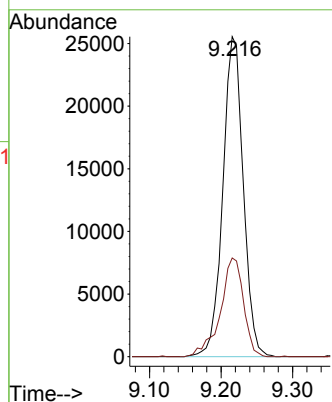
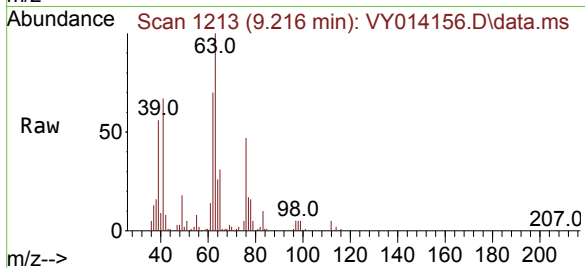
VY0614SBS01

Tgt Ion: 63 Resp: 50726

Ion Ratio Lower Upper

63 100

65 30.9 23.8 35.6



#46

Dibromomethane

Concen: 20.996 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

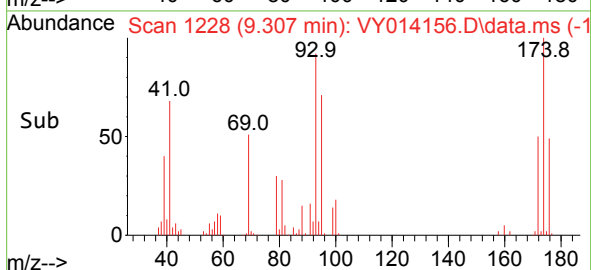
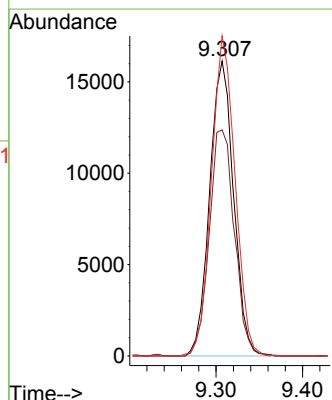
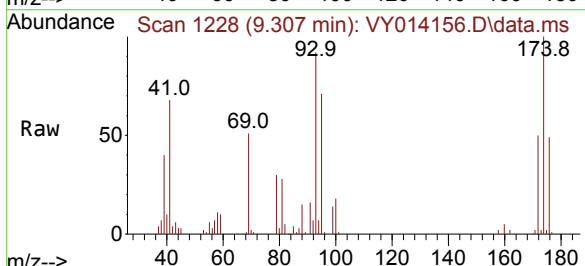
Tgt Ion: 93 Resp: 31013

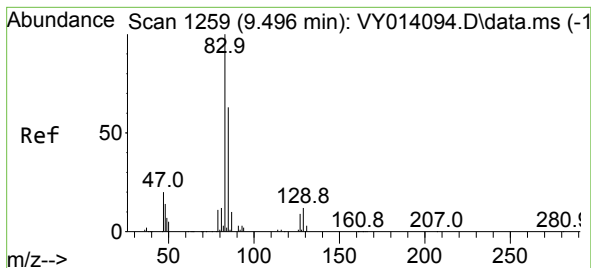
Ion Ratio Lower Upper

93 100

95 80.5 66.6 100.0

174 106.9 84.8 127.2





#47

Bromodichloromethane

Concen: 21.613 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

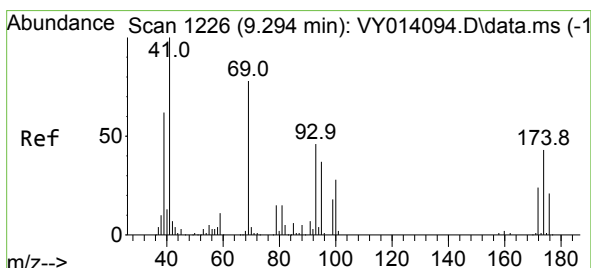
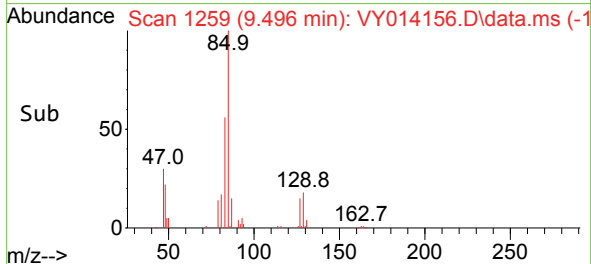
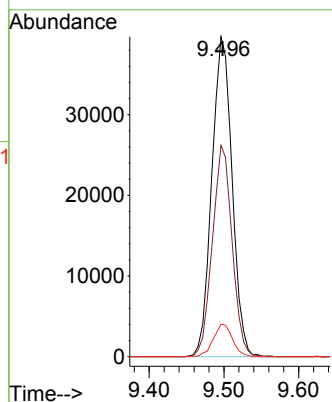
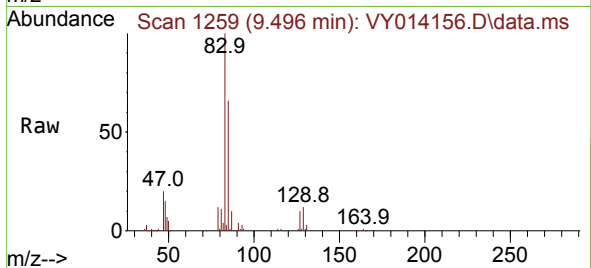
Tgt Ion: 83 Resp: 74749

Ion Ratio Lower Upper

83 100

85 66.0 50.1 75.1

127 10.2 7.1 10.7



#48

Methyl methacrylate

Concen: 20.420 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.001 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

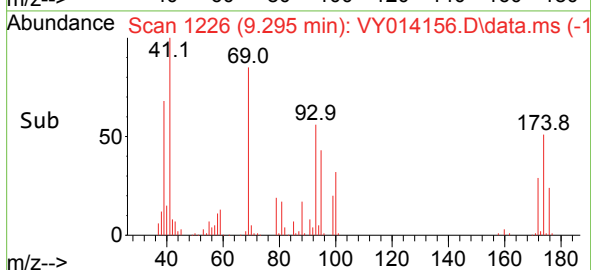
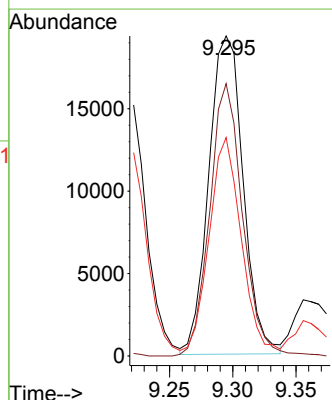
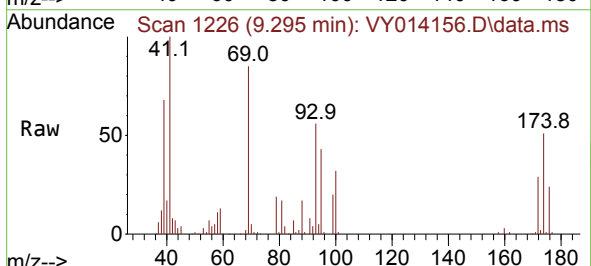
Tgt Ion: 41 Resp: 36592

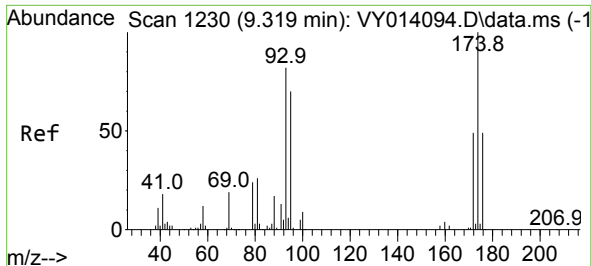
Ion Ratio Lower Upper

41 100

69 81.6 64.5 96.7

39 61.4 50.8 76.2

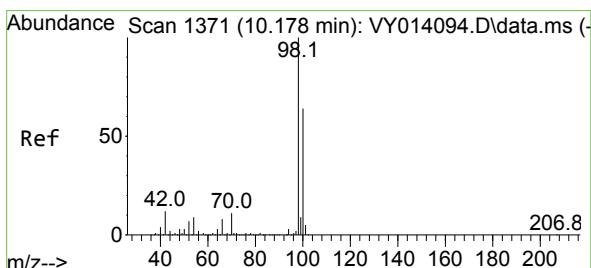
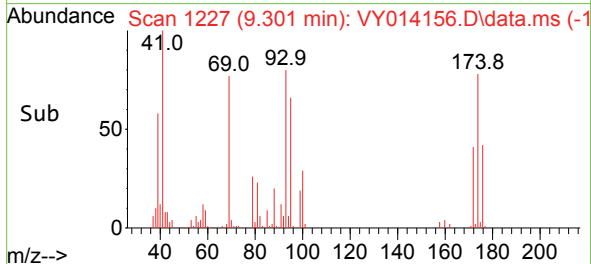
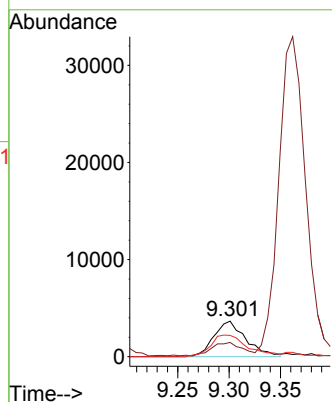
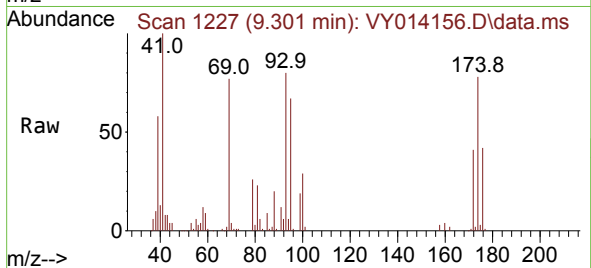




#49
1,4-Dioxane
Concen: 423.684 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

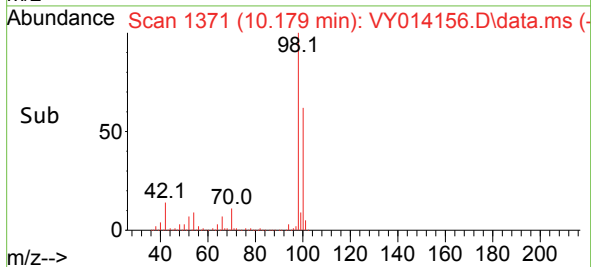
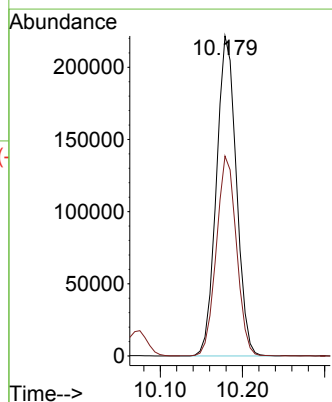
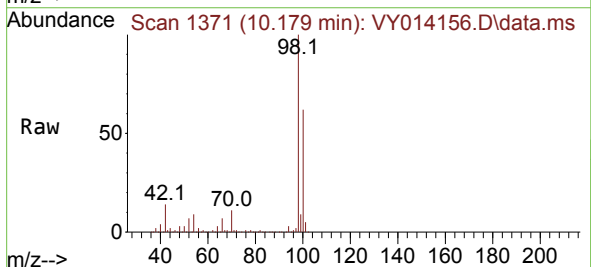
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

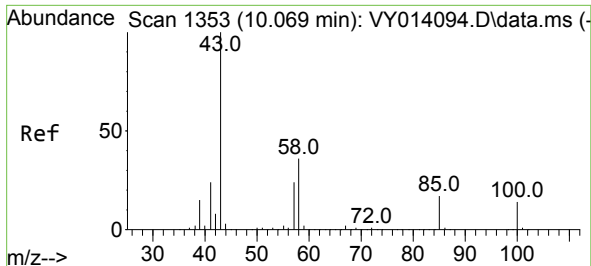
Tgt Ion: 88 Resp: 7952
Ion Ratio Lower Upper
88 100
43 36.1 0.0 0.0#
58 69.5 30.9 46.3#



#50
Toluene-d8
Concen: 48.988 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 98 Resp: 373229
Ion Ratio Lower Upper
98 100
100 63.0 50.1 75.1

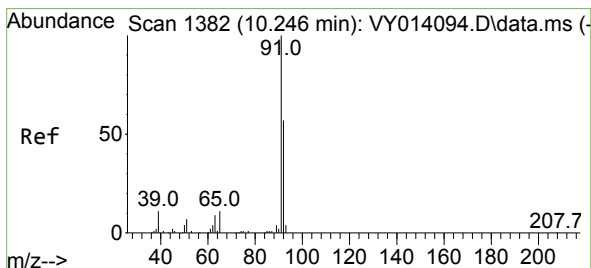
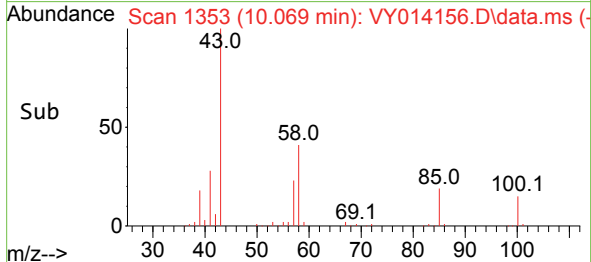
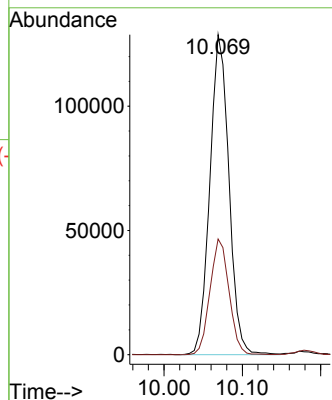
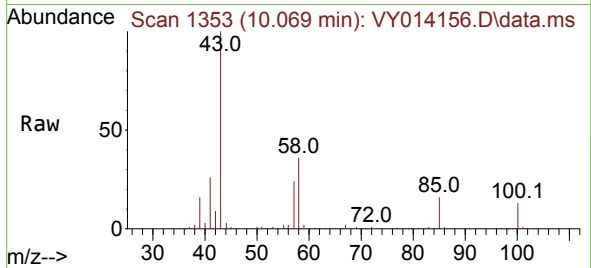




#51
4-Methyl-2-Pentanone
Concen: 104.301 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

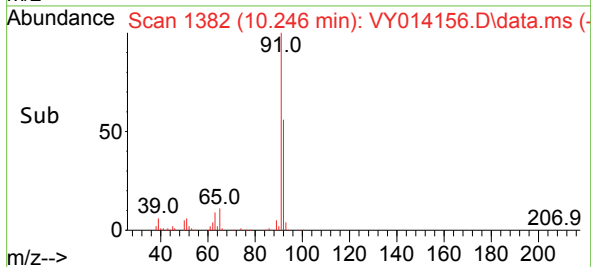
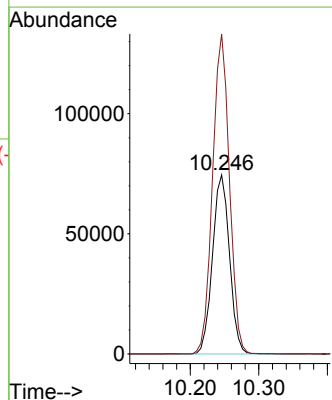
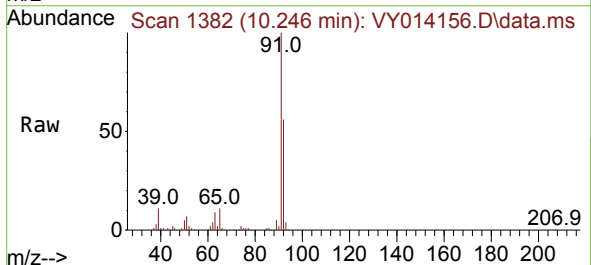
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

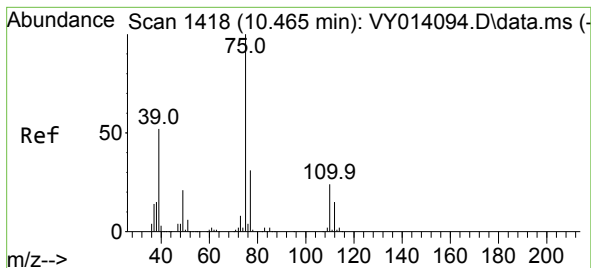
Tgt Ion: 43 Resp: 217713
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.6



#52
Toluene
Concen: 21.877 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 92 Resp: 128117
Ion Ratio Lower Upper
92 100
91 177.3 143.8 215.6

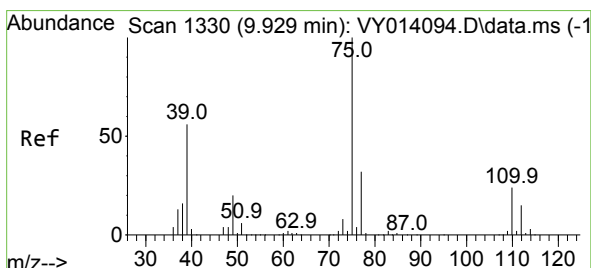
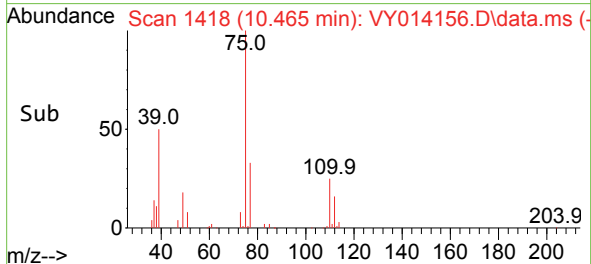
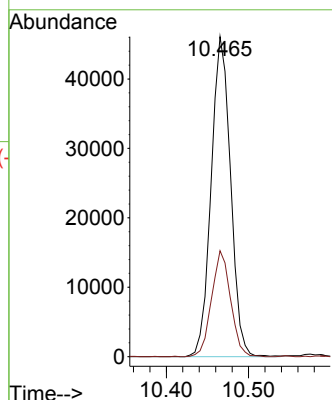
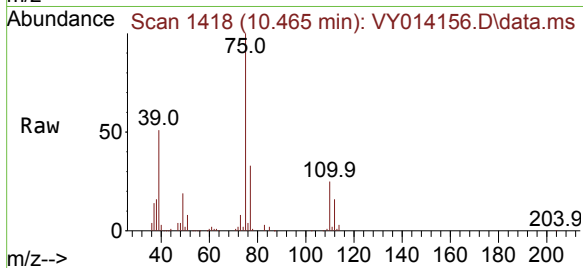




#53
 t-1,3-Dichloropropene
 Concen: 20.776 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY014156.D
 Acq: 14 Jun 2023 16:15

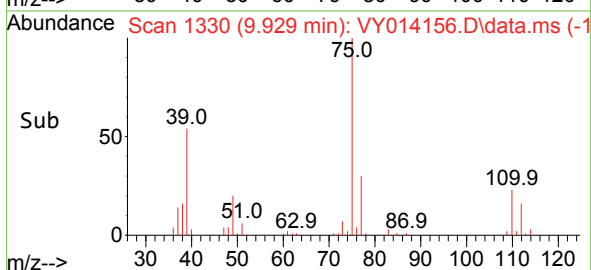
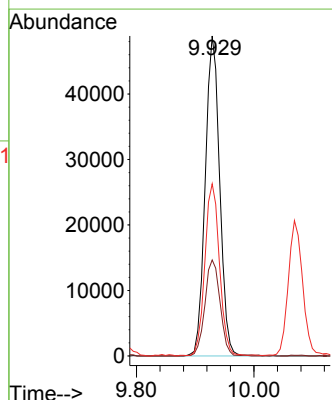
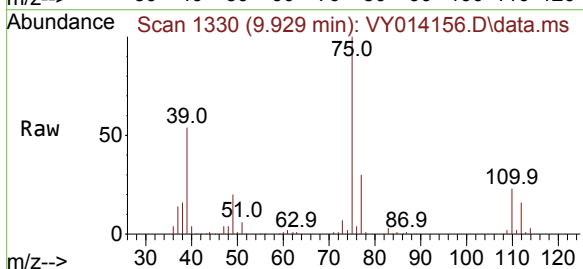
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBS01

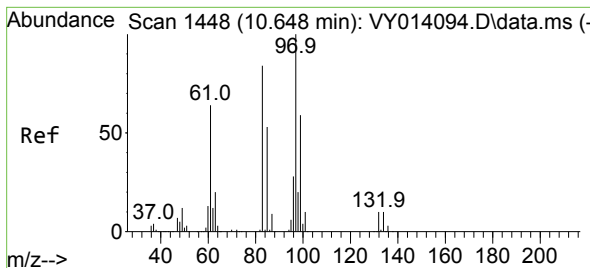
Tgt Ion: 75 Resp: 75643
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.034 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY014156.D
 Acq: 14 Jun 2023 16:15

Tgt Ion: 75 Resp: 83556
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.2 36.4
 39 53.6 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.203 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

Tgt Ion: 97 Resp: 41541

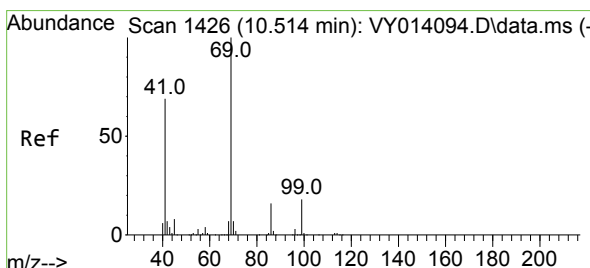
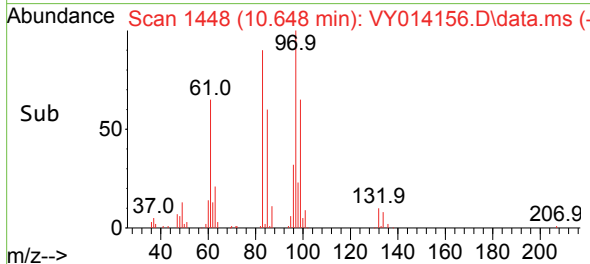
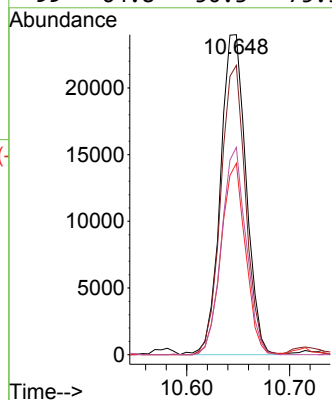
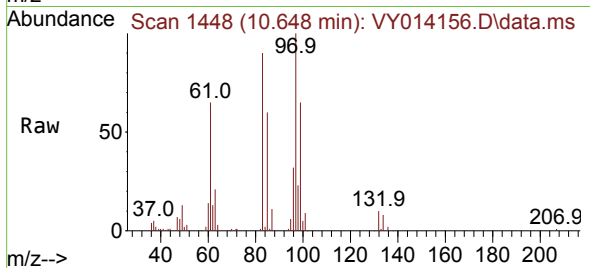
Ion Ratio Lower Upper

97 100

83 90.4 72.0 108.0

85 59.8 45.4 68.0

99 64.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.367 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

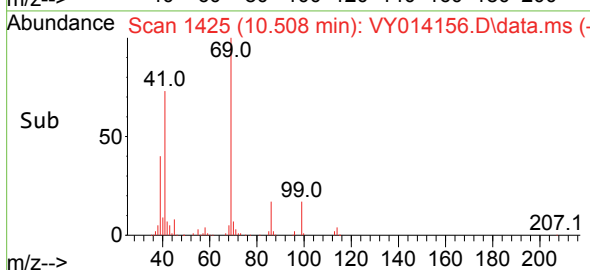
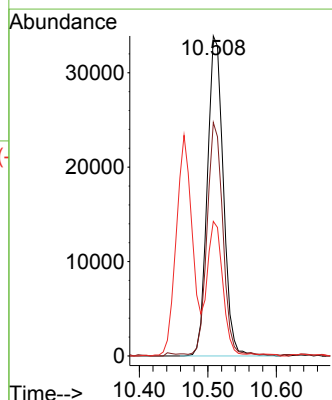
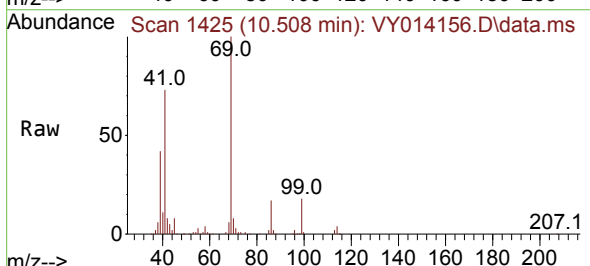
Tgt Ion: 69 Resp: 55039

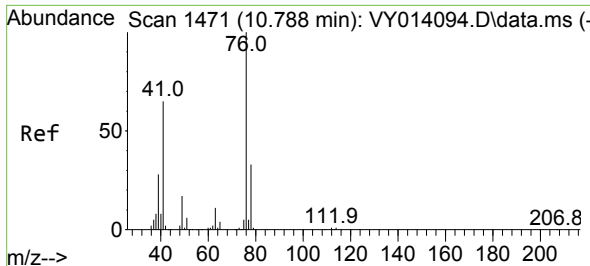
Ion Ratio Lower Upper

69 100

41 71.5 57.6 86.4

39 40.3 34.1 51.1





#57

1,3-Dichloropropane

Concen: 21.015 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

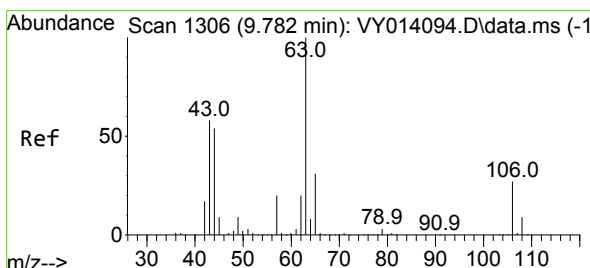
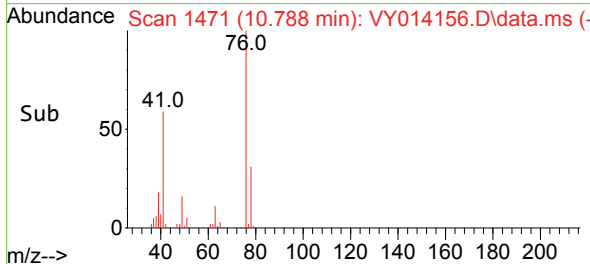
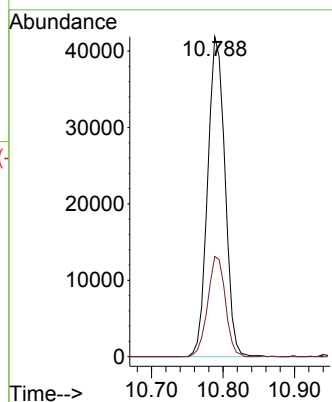
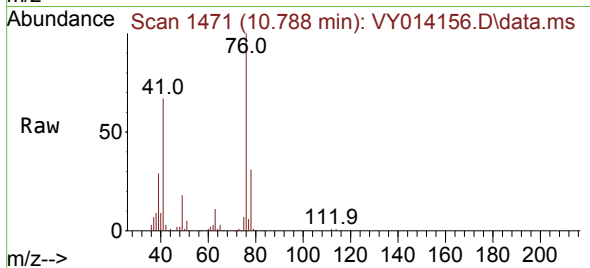
VY0614SBS01

Tgt Ion: 76 Resp: 70416

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 85.289 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014156.D

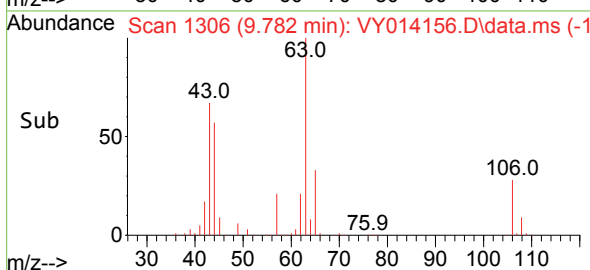
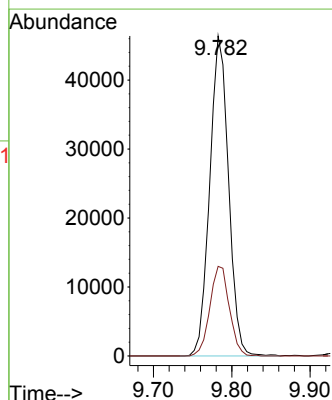
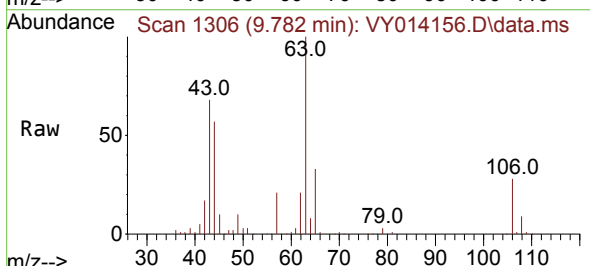
Acq: 14 Jun 2023 16:15

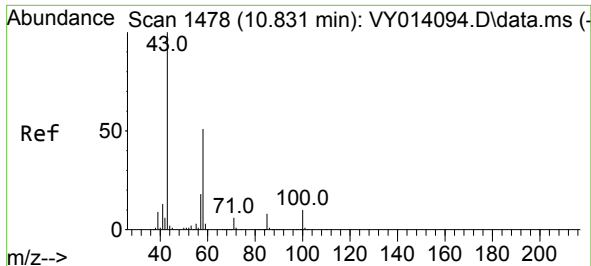
Tgt Ion: 63 Resp: 77276

Ion Ratio Lower Upper

63 100

106 29.0 21.2 31.8

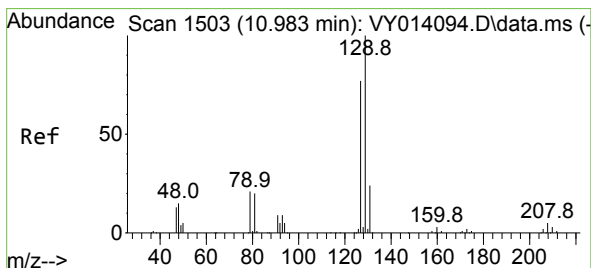
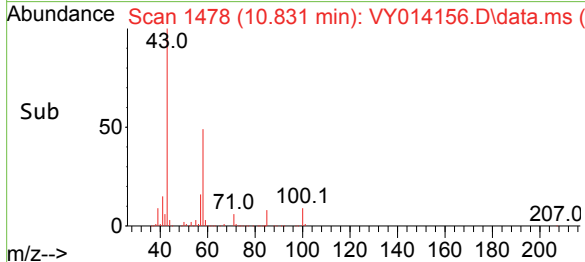
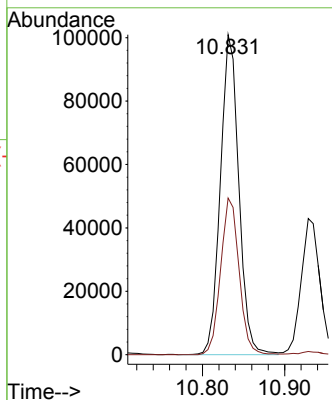
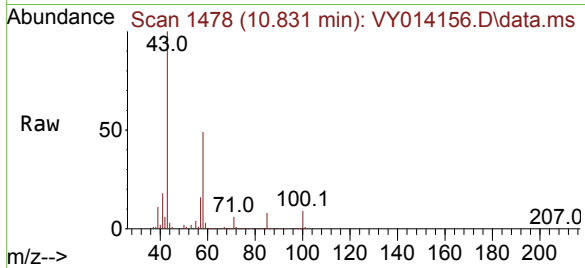




#59
2-Hexanone
Concen: 104.525 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

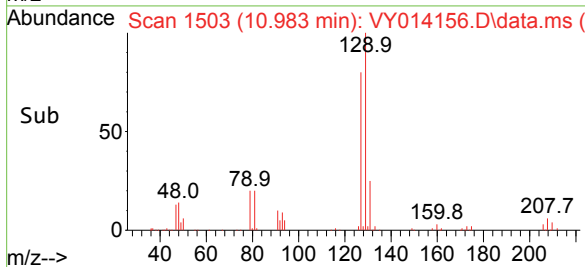
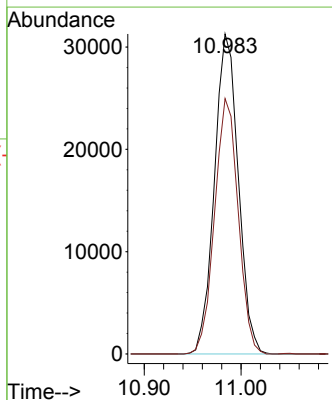
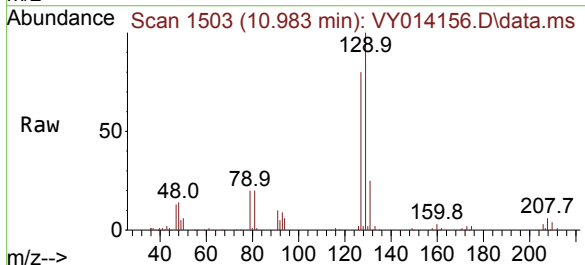
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

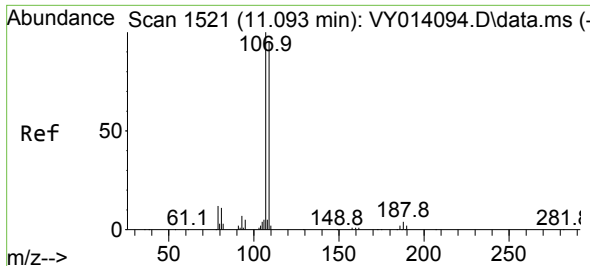
Tgt Ion: 43 Resp: 157583
Ion Ratio Lower Upper
43 100
58 49.1 25.1 75.3



#60
Dibromochloromethane
Concen: 21.365 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 129 Resp: 53575
Ion Ratio Lower Upper
129 100
127 78.8 38.5 115.5

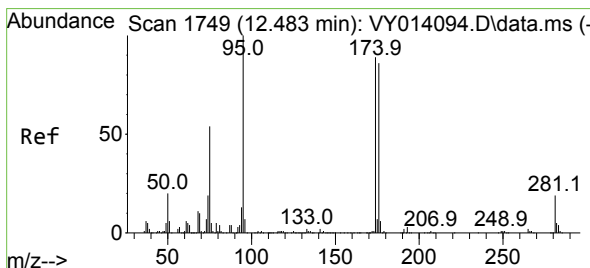
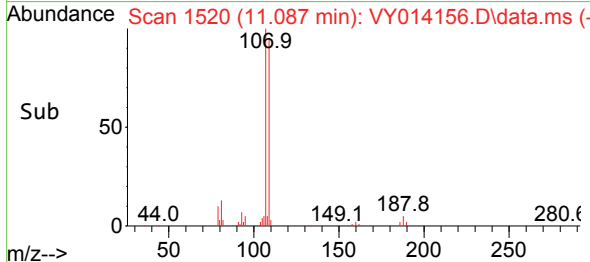
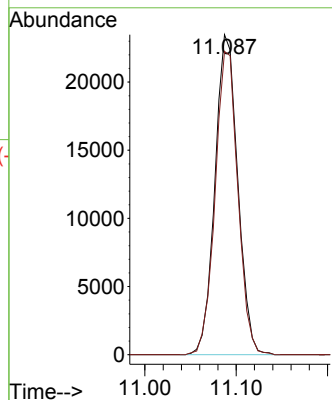
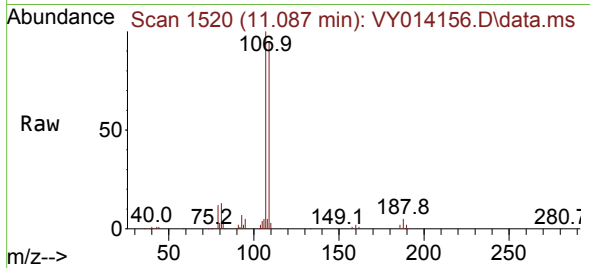




#61
1,2-Dibromoethane
Concen: 21.047 ug/l
RT: 11.087 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

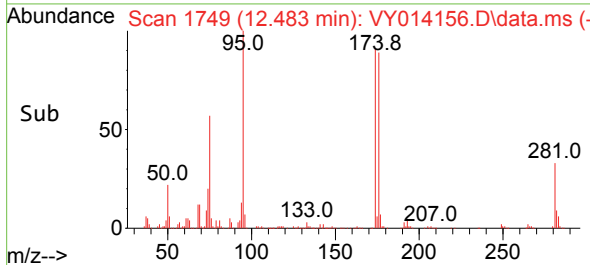
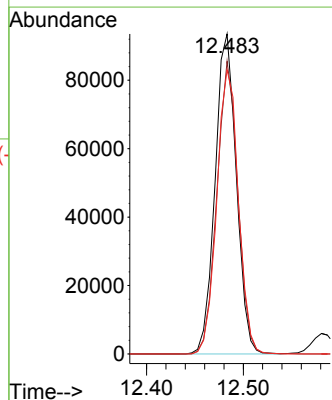
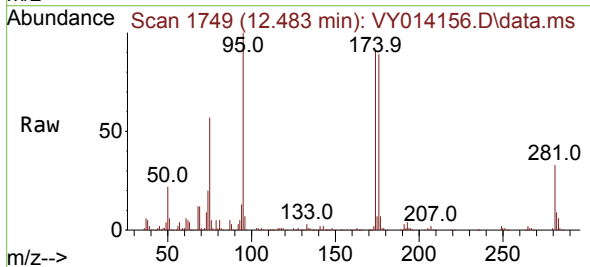
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

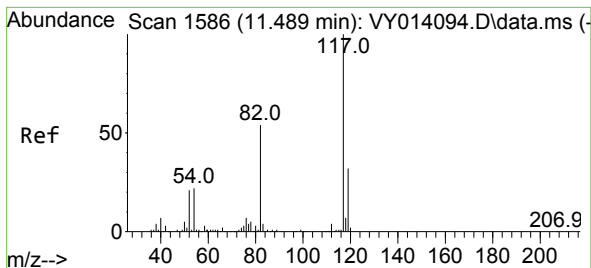
Tgt Ion:107 Resp: 40695
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.754 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 95 Resp: 142774
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 90.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

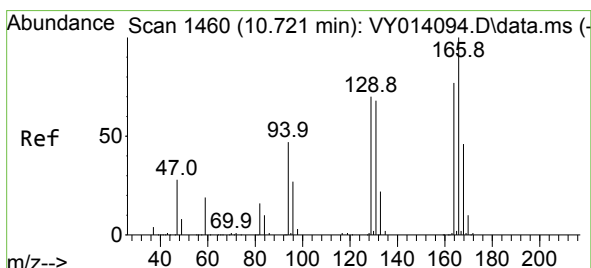
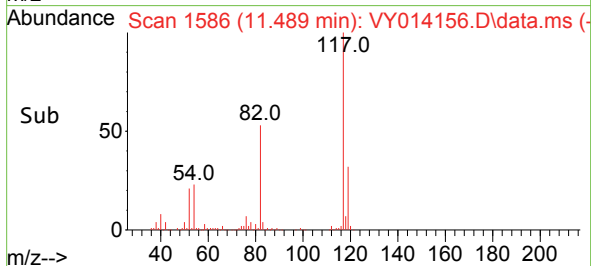
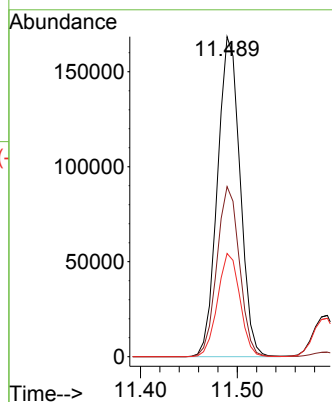
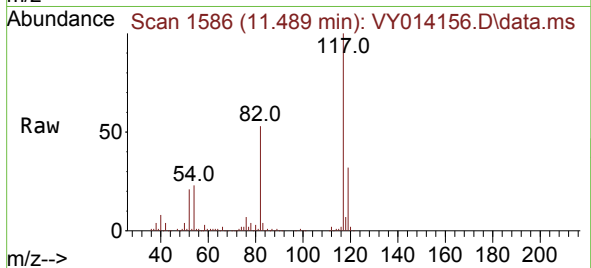
Tgt Ion:117 Resp: 272670

Ion Ratio Lower Upper

117 100

82 53.2 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 21.777 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Tgt Ion:164 Resp: 50614

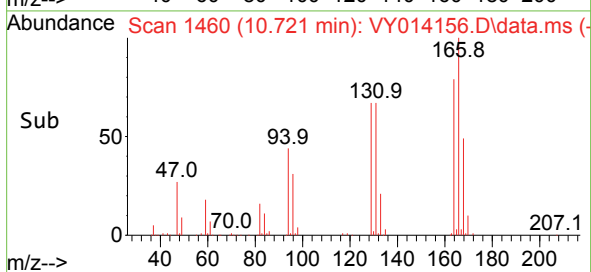
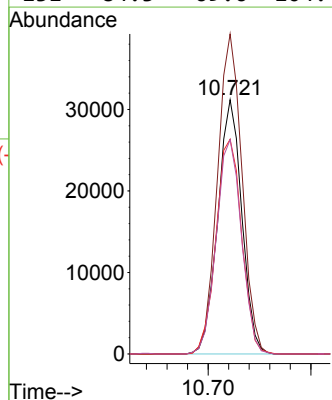
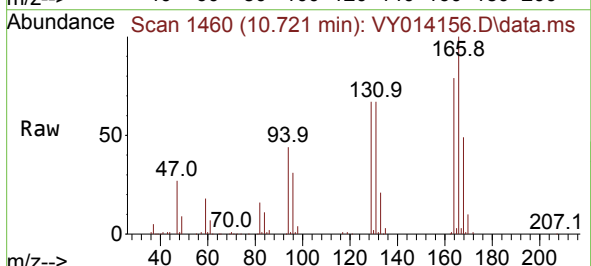
Ion Ratio Lower Upper

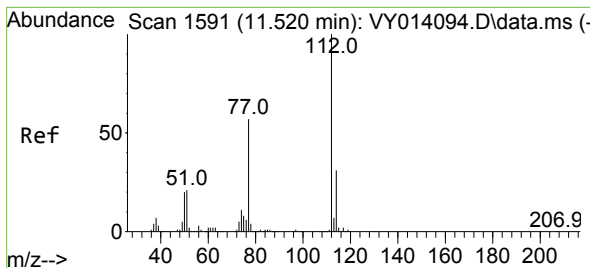
164 100

166 125.9 103.0 154.6

129 84.5 77.2 115.8

131 84.3 69.6 104.4

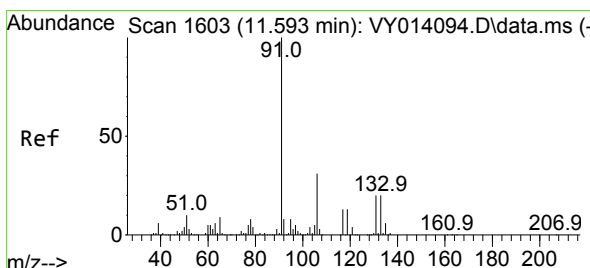
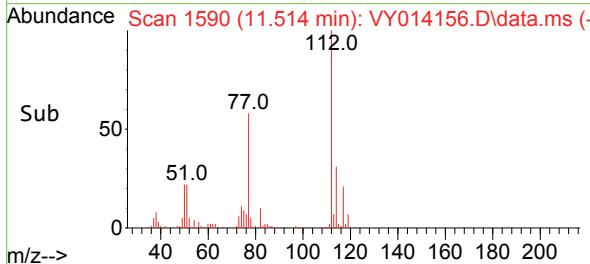
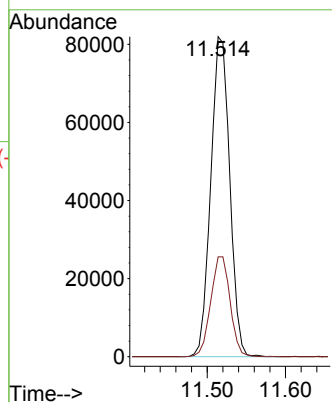
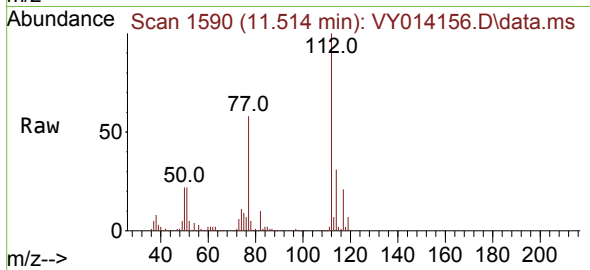




#65
Chlorobenzene
Concen: 20.998 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

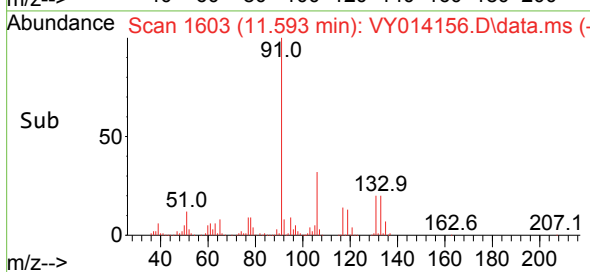
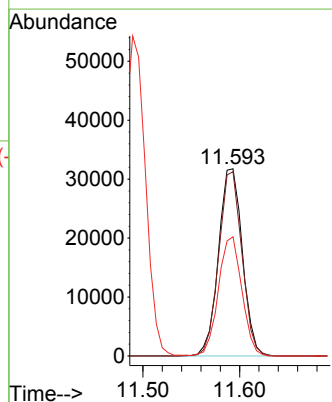
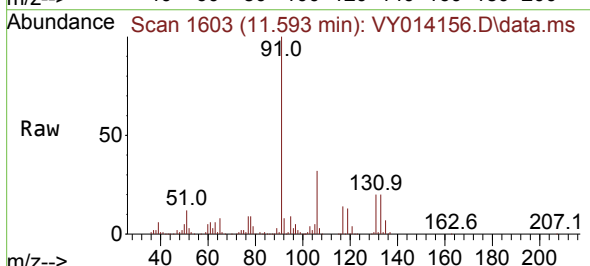
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

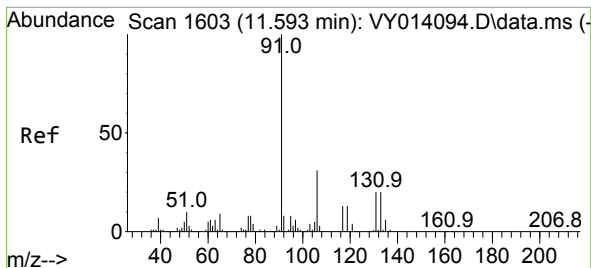
Tgt Ion:112 Resp: 137574
Ion Ratio Lower Upper
112 100
114 31.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.107 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion:131 Resp: 54393
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 62.5 31.6 94.7





#67

Ethyl Benzene

Concen: 21.344 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

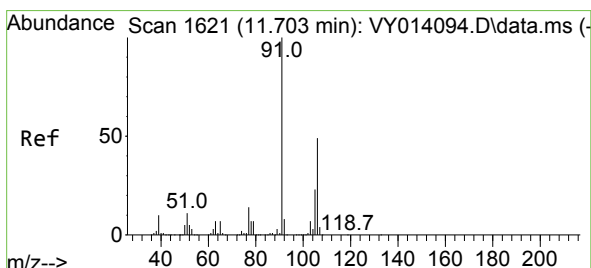
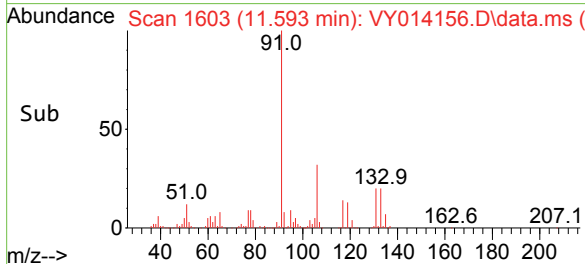
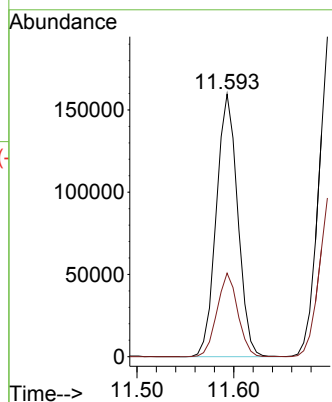
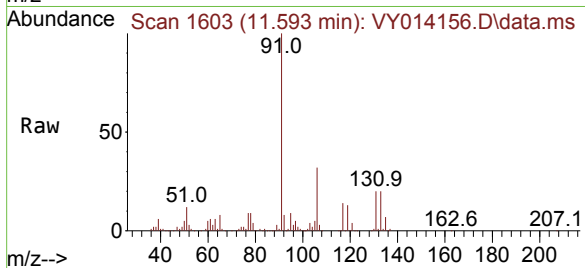
VY0614SBS01

Tgt Ion: 91 Resp: 244774

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 43.544 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014156.D

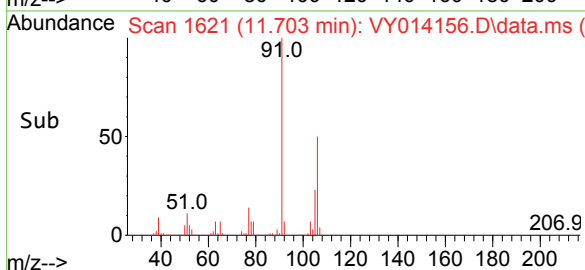
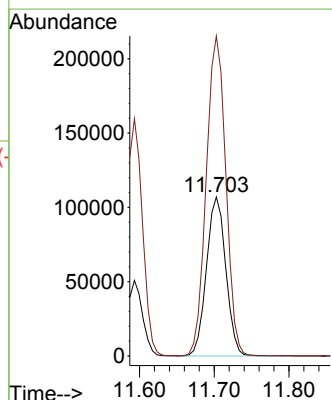
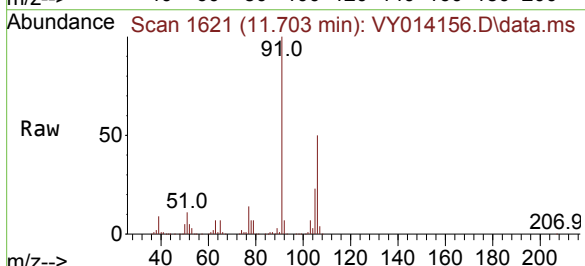
Acq: 14 Jun 2023 16:15

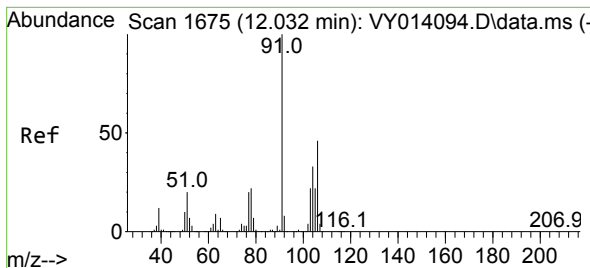
Tgt Ion:106 Resp: 192079

Ion Ratio Lower Upper

106 100

91 203.6 166.1 249.1

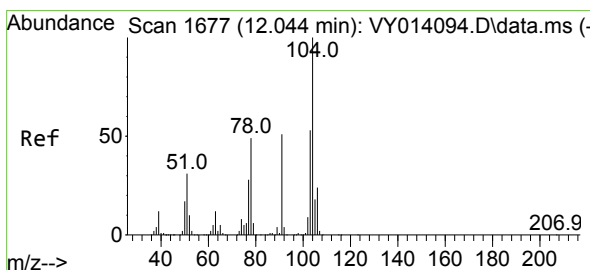
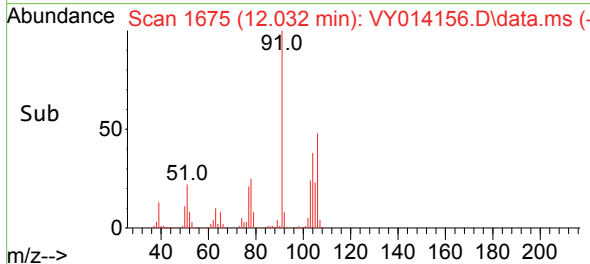
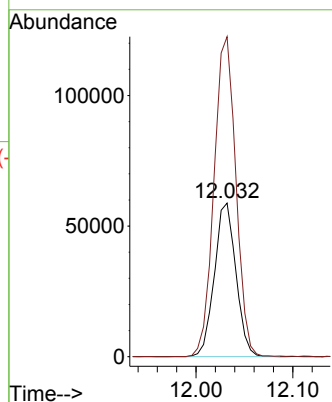
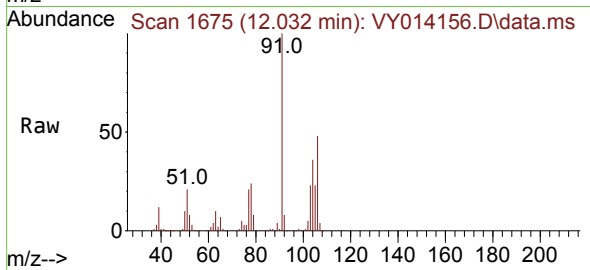




#69
o-Xylene
Concen: 21.784 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

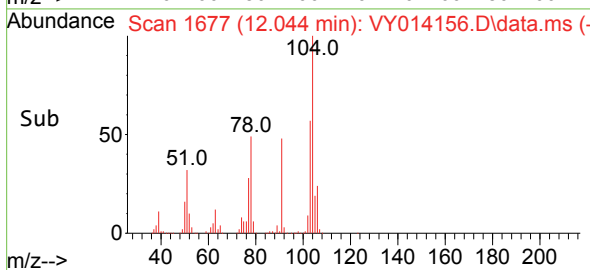
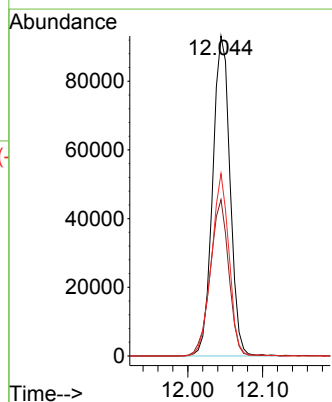
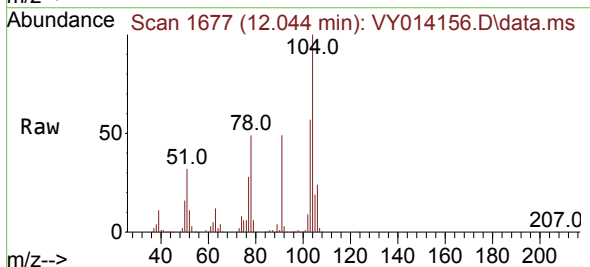
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

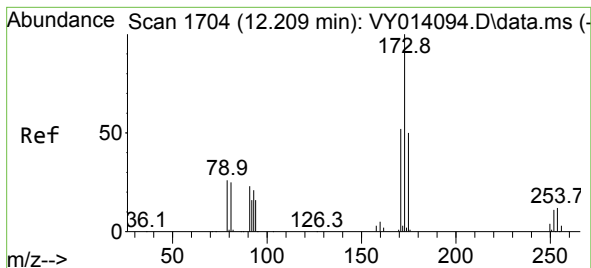
Tgt Ion:106 Resp: 90852
Ion Ratio Lower Upper
106 100
91 212.1 108.1 324.3



#70
Styrene
Concen: 21.223 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion:104 Resp: 151066
Ion Ratio Lower Upper
104 100
78 52.2 41.5 62.3
103 57.6 44.6 67.0





#71

Bromoform

Concen: 21.328 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

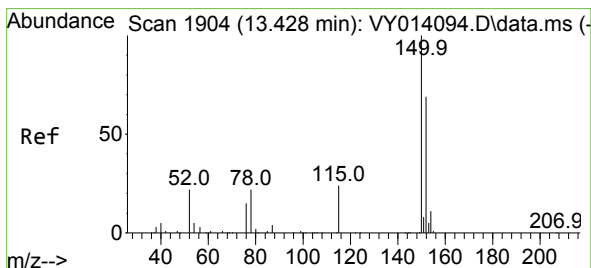
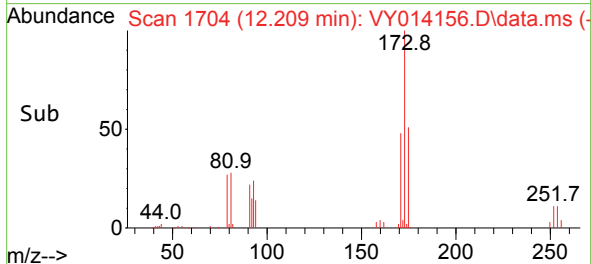
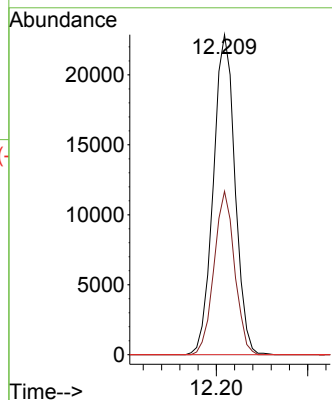
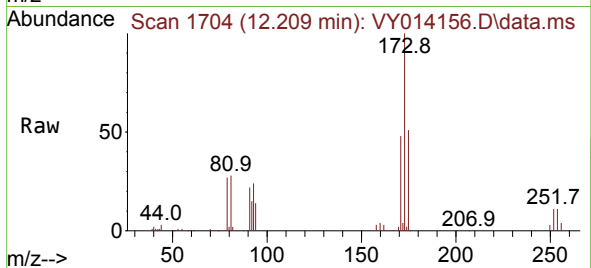
Tgt Ion:173 Resp: 37641

Ion Ratio Lower Upper

173 100

175 48.4 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: VY014156.D

Acq: 14 Jun 2023 16:15

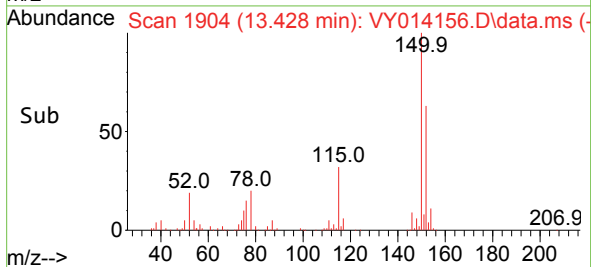
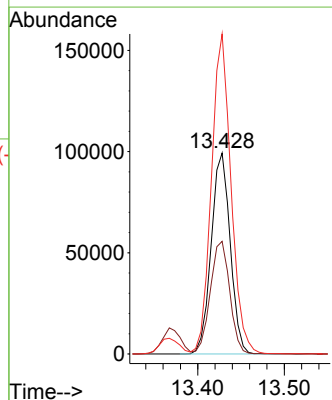
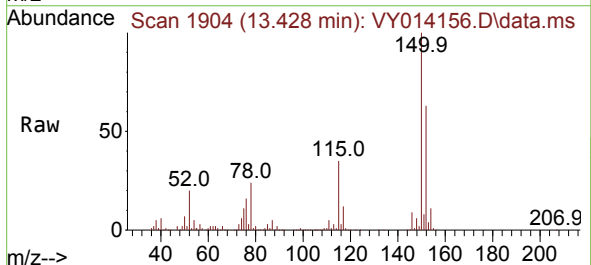
Tgt Ion:152 Resp: 151245

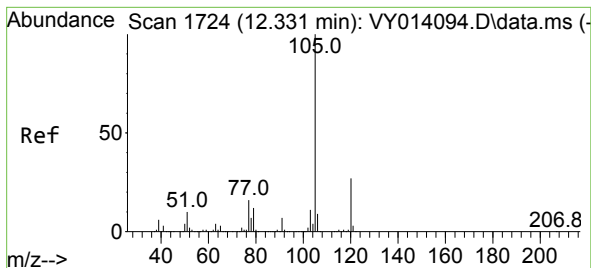
Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 164.2 0.0 348.8





#73

Isopropylbenzene

Concen: 20.829 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

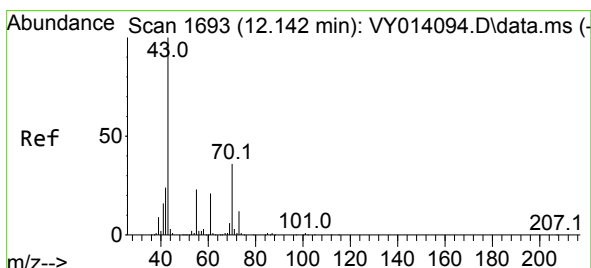
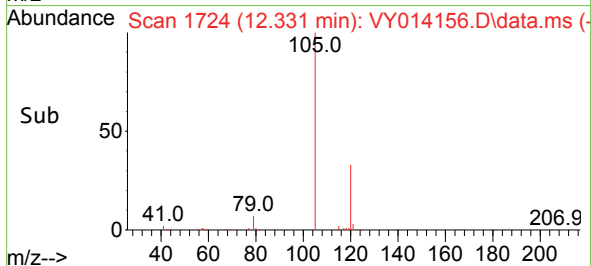
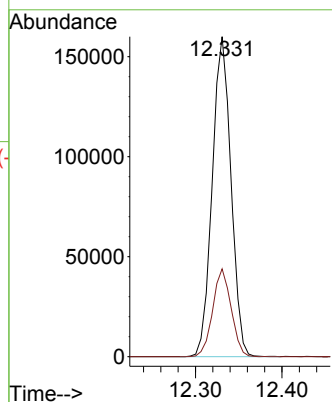
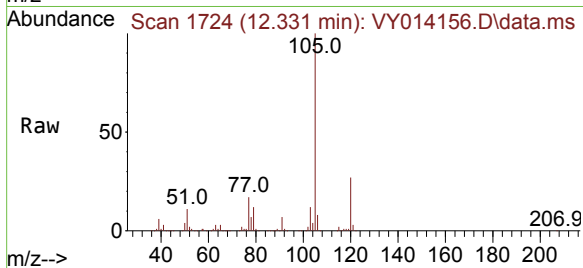
VY0614SBS01

Tgt Ion:105 Resp: 240329

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 19.415 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Tgt Ion: 43 Resp: 70986

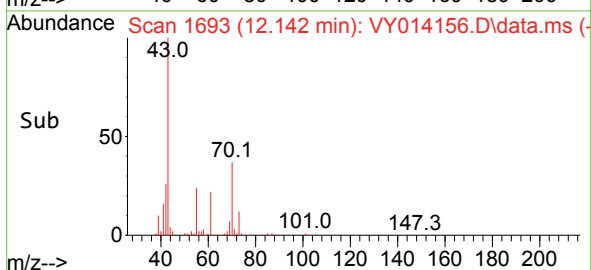
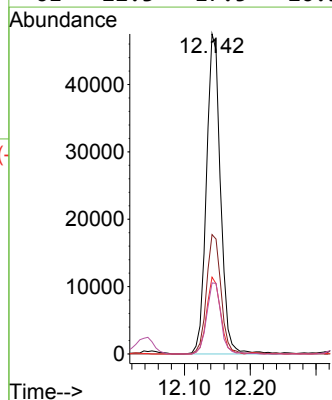
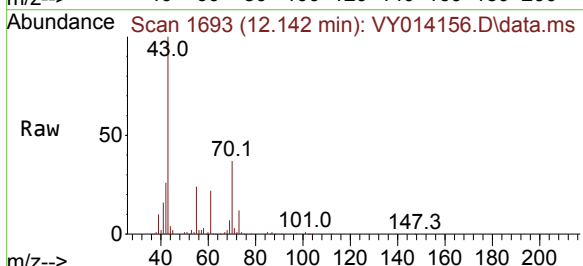
Ion Ratio Lower Upper

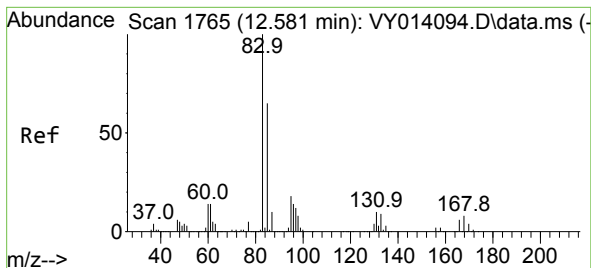
43 100

70 38.1 29.7 44.5

55 23.7 18.3 27.5

61 22.3 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 19.479 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

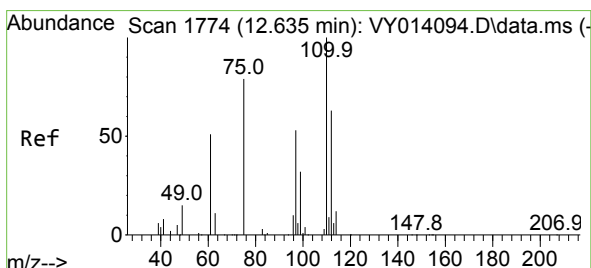
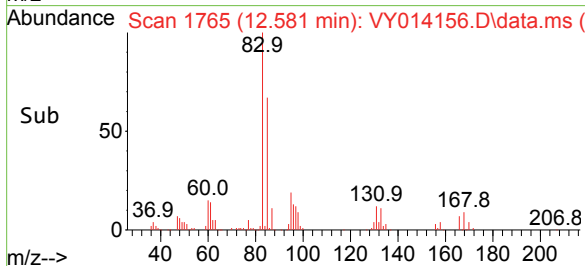
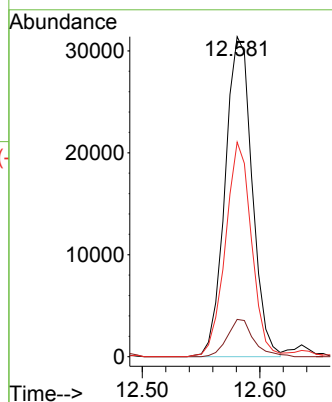
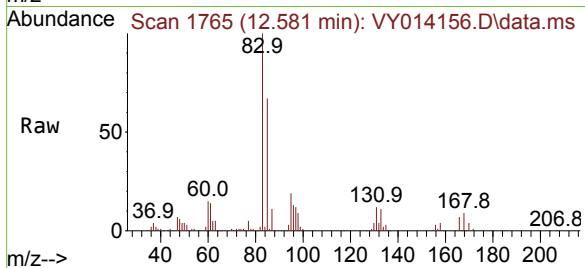
Tgt Ion: 83 Resp: 50218

Ion Ratio Lower Upper

83 100

131 11.4 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.242 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.001 min

Lab File: VY014156.D

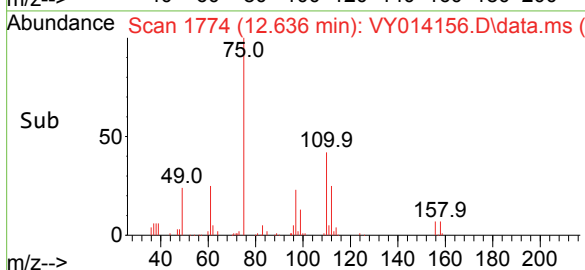
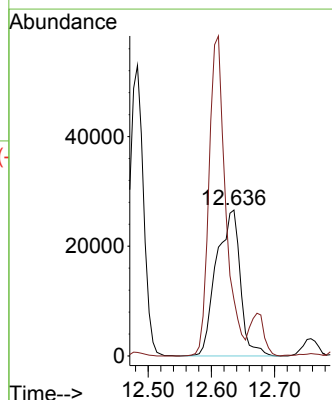
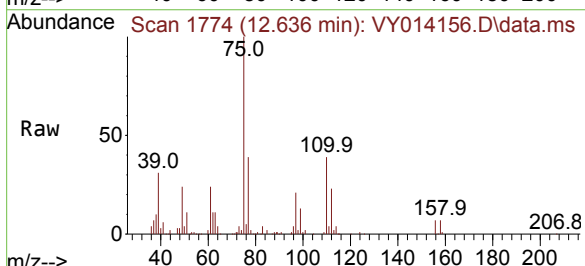
Acq: 14 Jun 2023 16:15

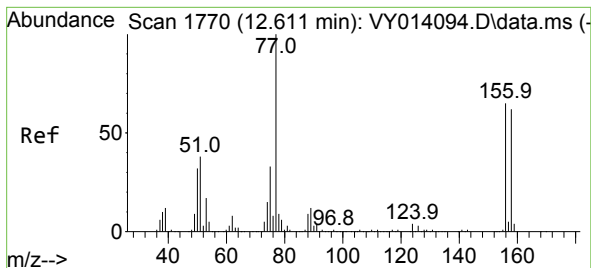
Tgt Ion: 75 Resp: 69931

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.067 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

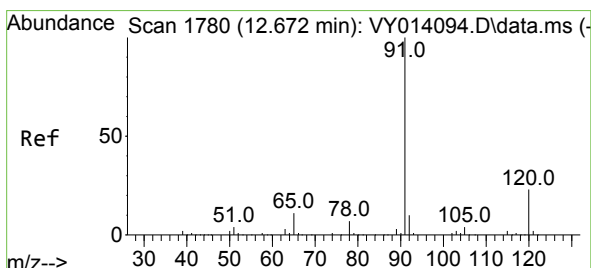
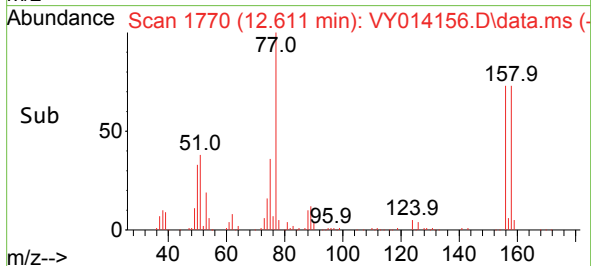
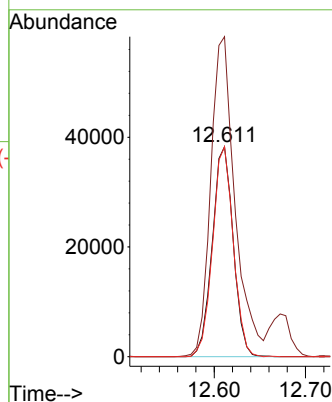
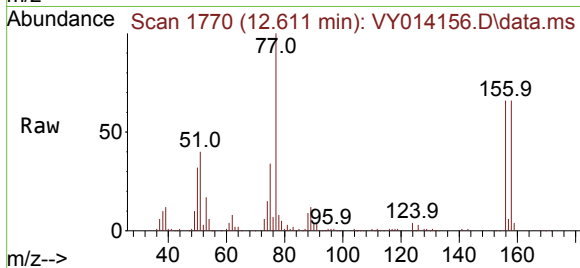
Tgt Ion:156 Resp: 60852

Ion Ratio Lower Upper

156 100

77 176.5 92.8 278.6

158 98.9 48.4 145.3



#78

n-propylbenzene

Concen: 21.079 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY014156.D

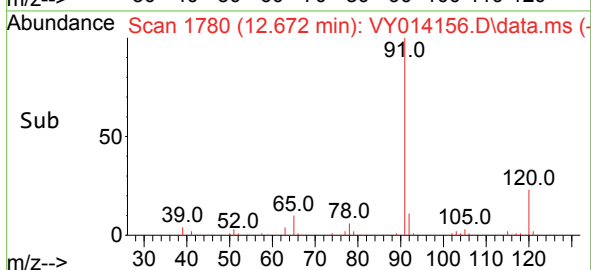
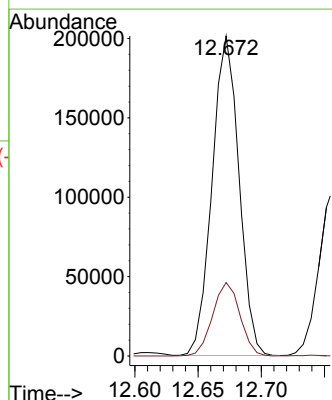
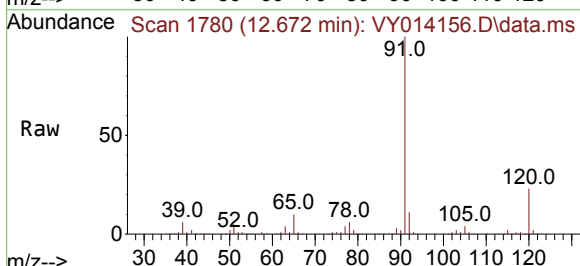
Acq: 14 Jun 2023 16:15

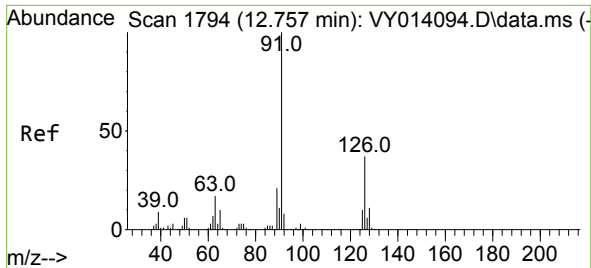
Tgt Ion: 91 Resp: 297057

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

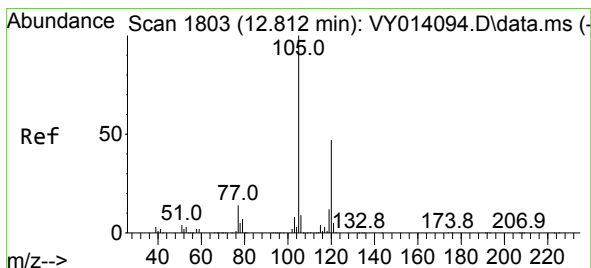
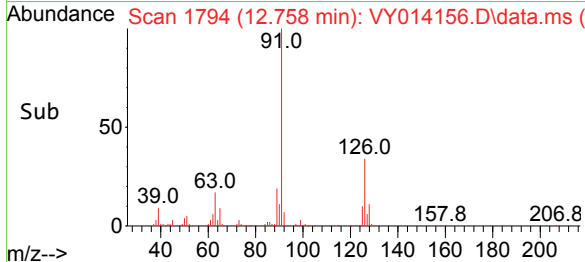
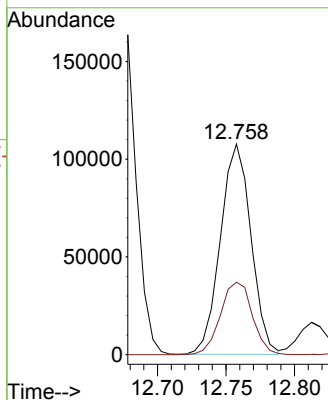
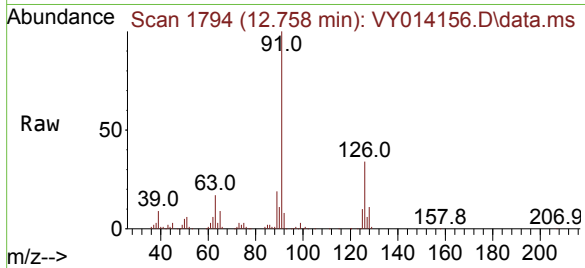




#79
2-Chlorotoluene
Concen: 20.627 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

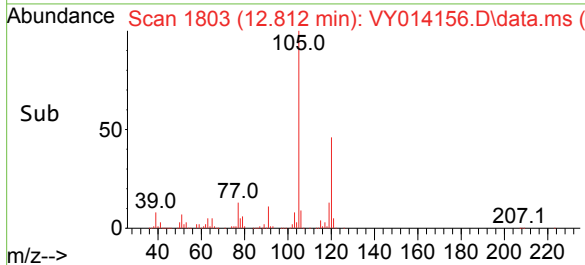
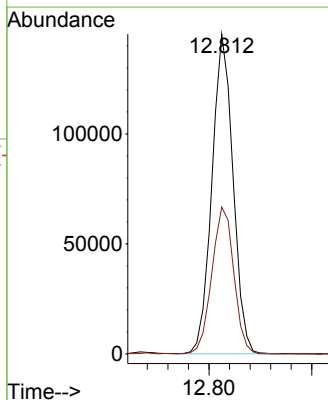
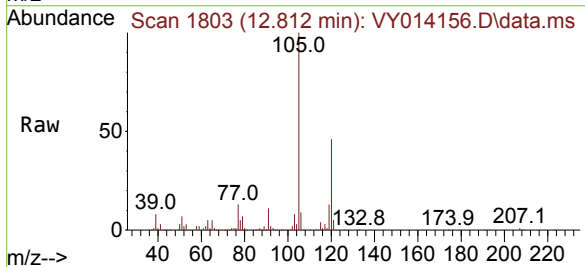
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

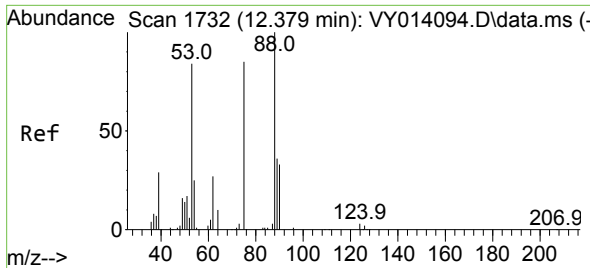
Tgt Ion: 91 Resp: 167263
Ion Ratio Lower Upper
91 100
126 35.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.902 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion:105 Resp: 206495
Ion Ratio Lower Upper
105 100
120 48.0 23.9 71.7

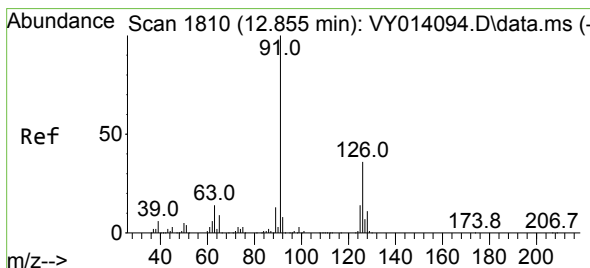
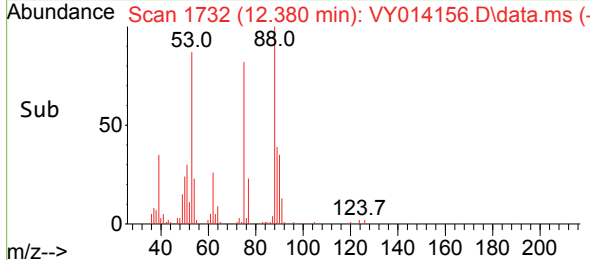
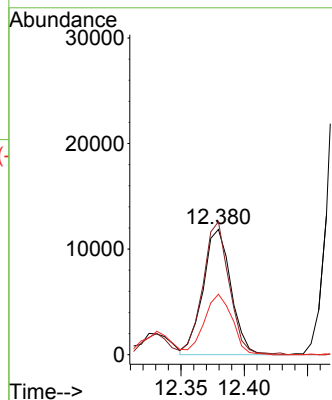
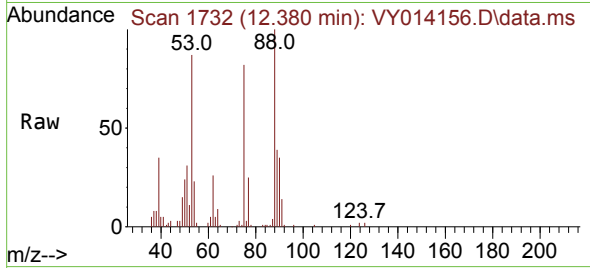




#81
trans-1,4-Dichloro-2-butene
Concen: 19.868 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

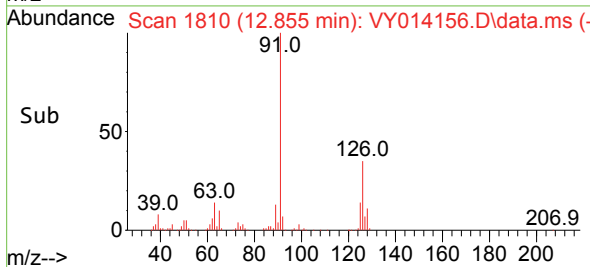
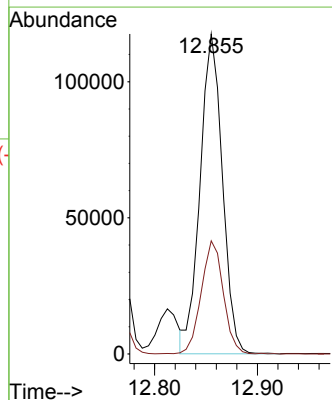
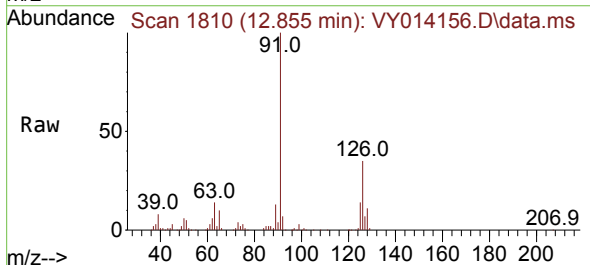
Instrument :
MSVOA_Y
ClientSampleId :
VY0614SBS01

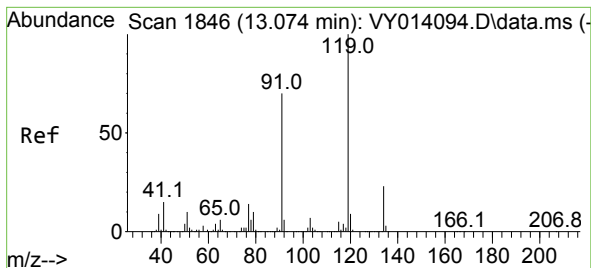
Tgt Ion: 75 Resp: 18238
Ion Ratio Lower Upper
75 100
53 100.2 77.8 116.8
89 47.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.618 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014156.D
Acq: 14 Jun 2023 16:15

Tgt Ion: 91 Resp: 177169
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.003 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.001 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

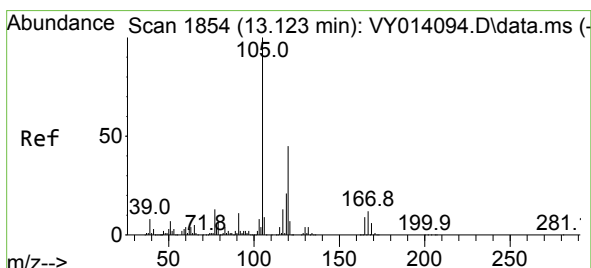
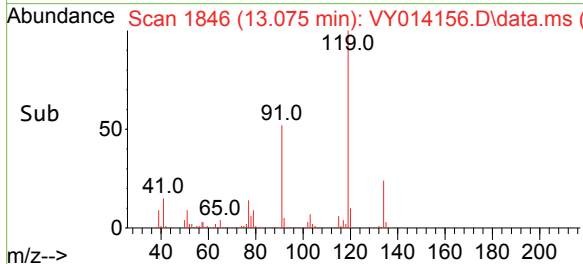
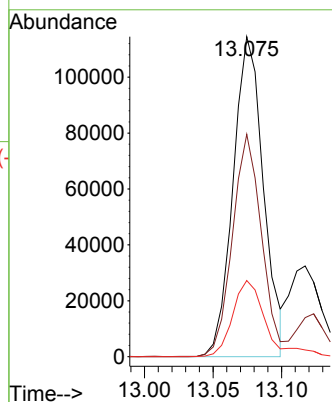
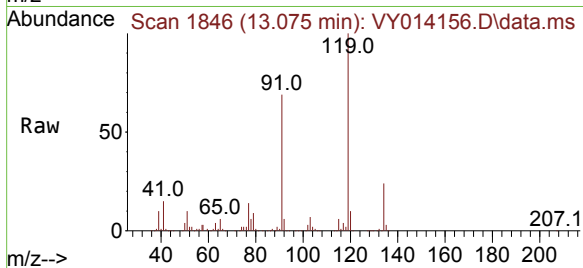
Tgt Ion:119 Resp: 176328

Ion Ratio Lower Upper

119 100

91 67.2 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.146 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY014156.D

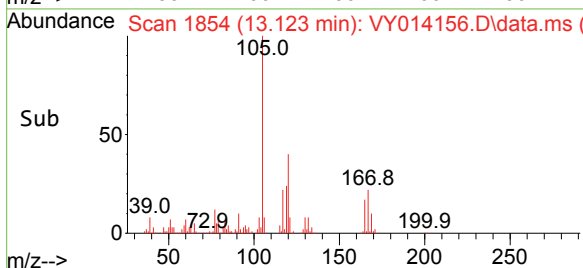
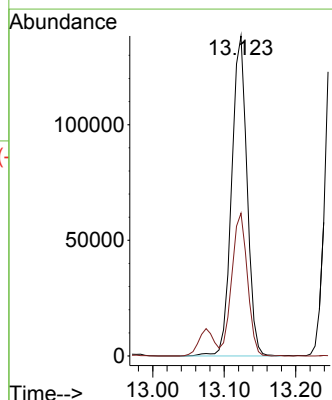
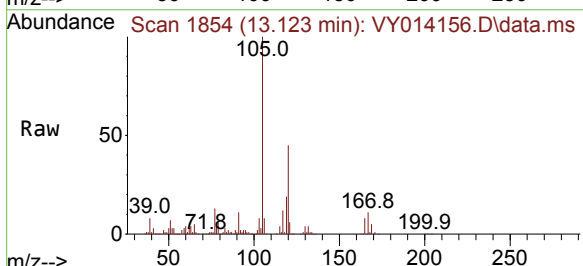
Acq: 14 Jun 2023 16:15

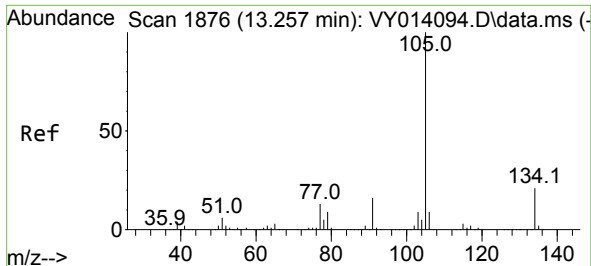
Tgt Ion:105 Resp: 206789

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6

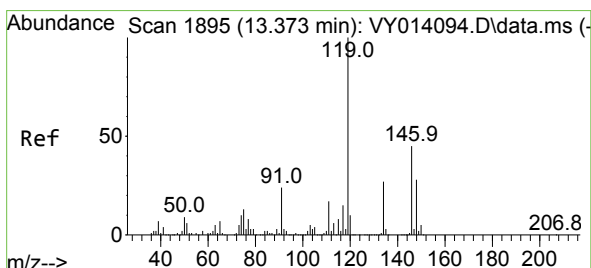
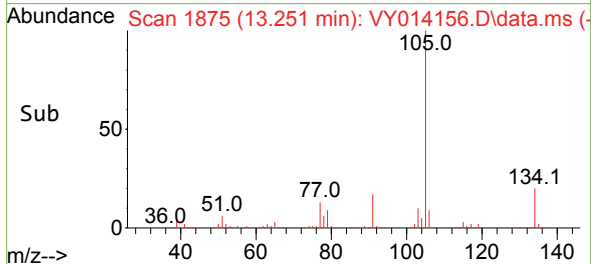
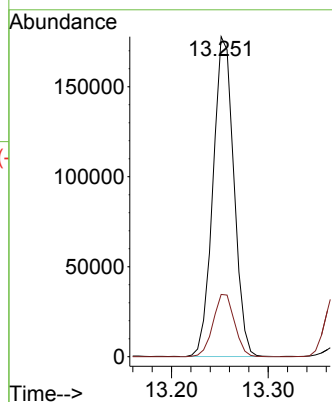
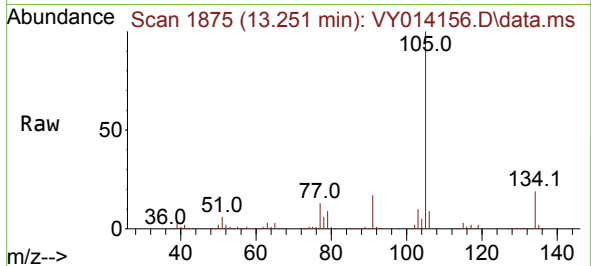




#85
 sec-Butylbenzene
 Concen: 21.822 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY014156.D
 Acq: 14 Jun 2023 16:15

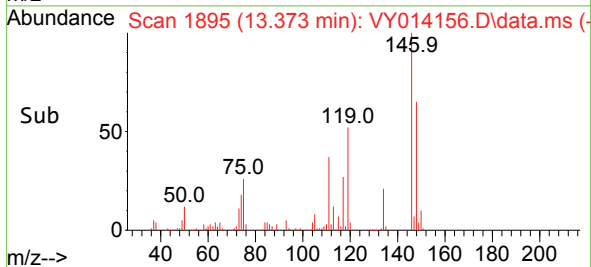
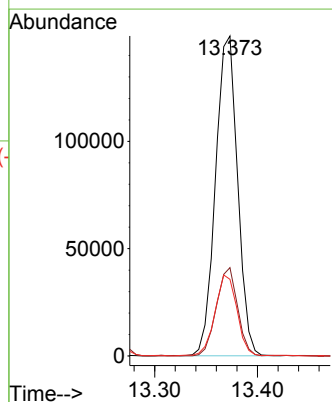
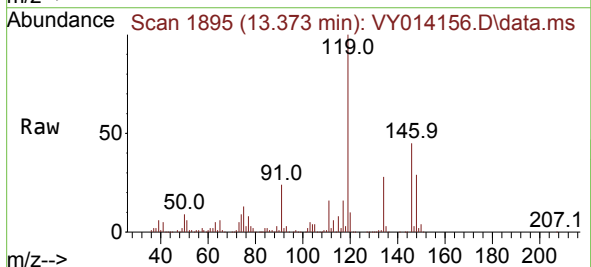
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBS01

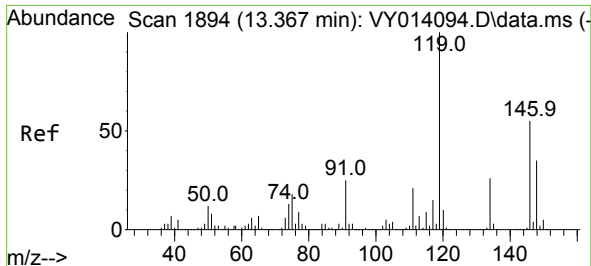
Tgt Ion:105 Resp: 266350
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 21.216 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY014156.D
 Acq: 14 Jun 2023 16:15

Tgt Ion:119 Resp: 221629
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 25.1 12.4 37.4

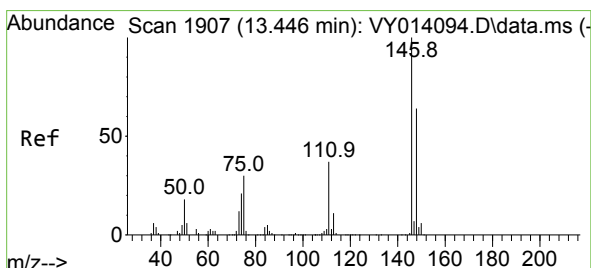
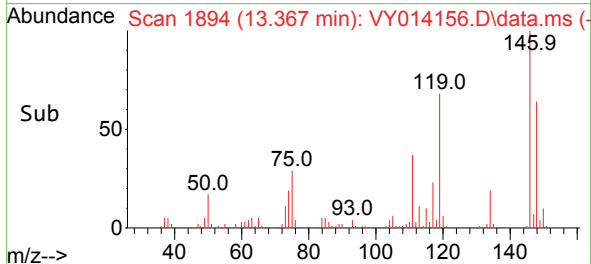
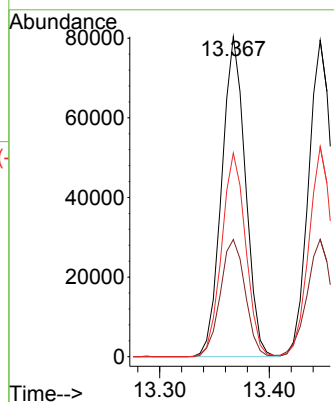
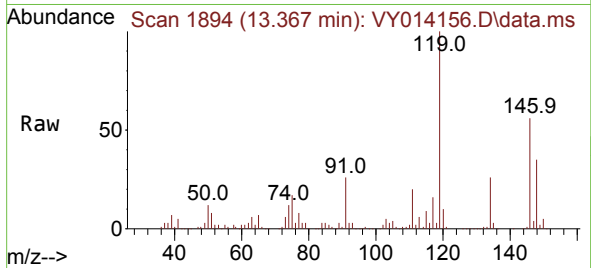




#87
 1,3-Dichlorobenzene
 Concen: 20.859 ug/l
 RT: 13.367 min Scan# 1190
 Delta R.T. 0.000 min
 Lab File: VY014156.D
 Acq: 14 Jun 2023 16:15

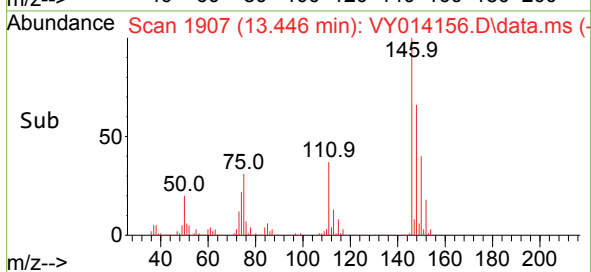
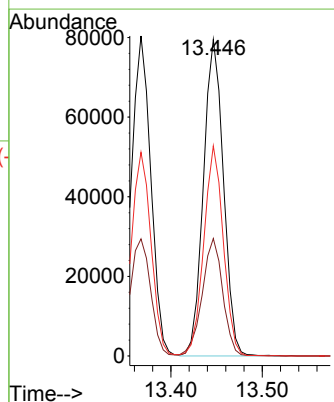
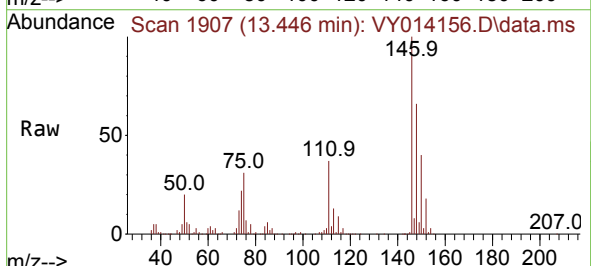
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBS01

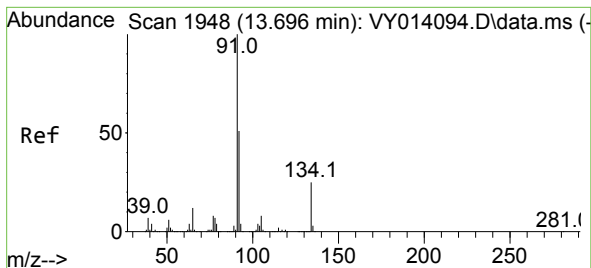
Tgt Ion:146 Resp: 120773
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.2
 148 64.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.699 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY014156.D
 Acq: 14 Jun 2023 16:15

Tgt Ion:146 Resp: 120752
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.7
 148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 21.422 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

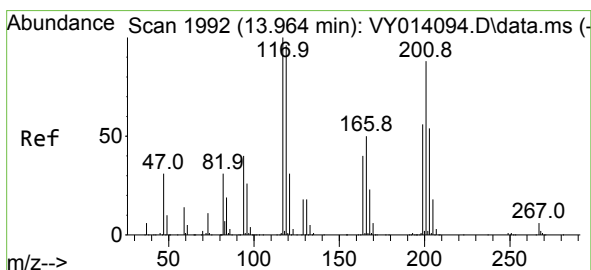
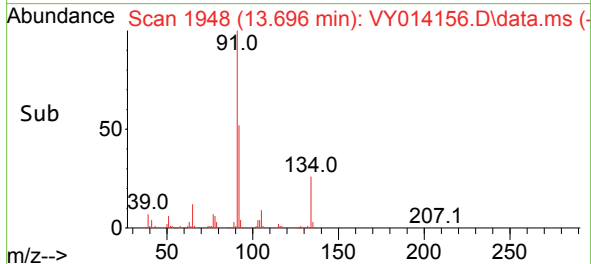
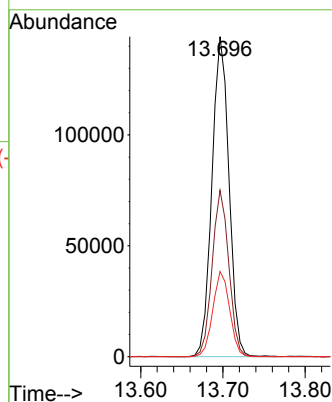
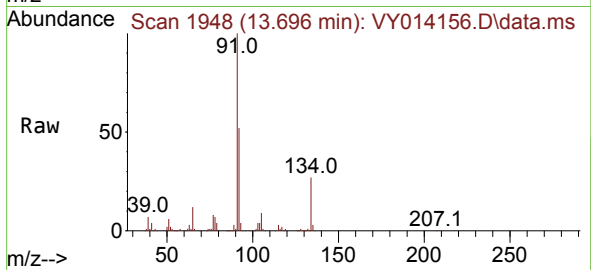
Tgt Ion: 91 Resp: 207552

Ion Ratio Lower Upper

91 100

92 51.0 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 21.477 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.001 min

Lab File: VY014156.D

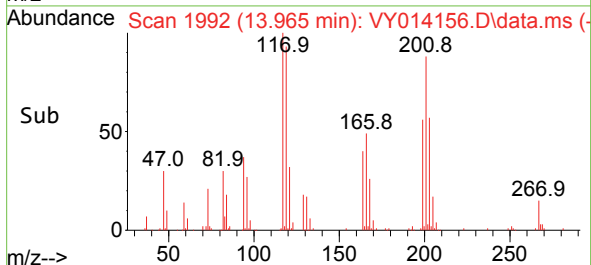
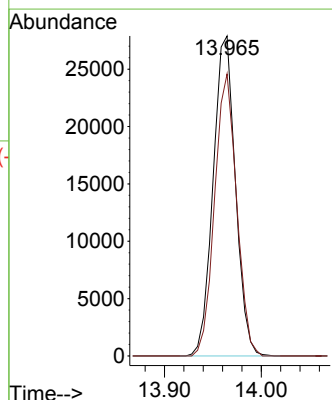
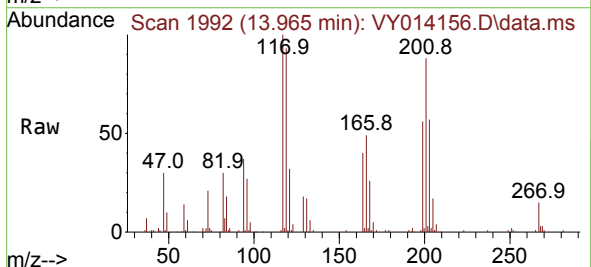
Acq: 14 Jun 2023 16:15

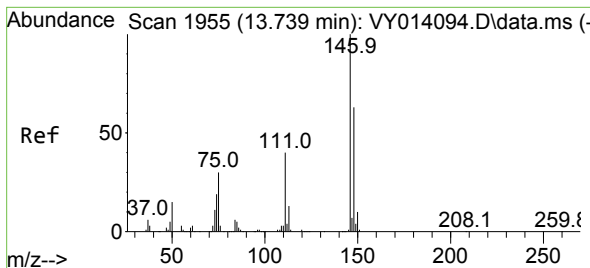
Tgt Ion: 117 Resp: 44705

Ion Ratio Lower Upper

117 100

201 86.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 21.301 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

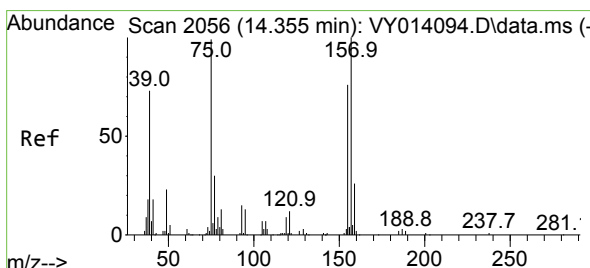
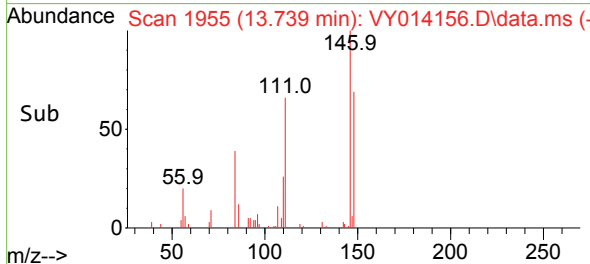
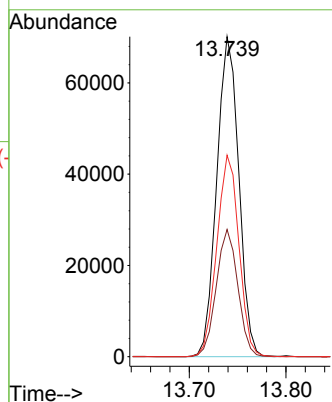
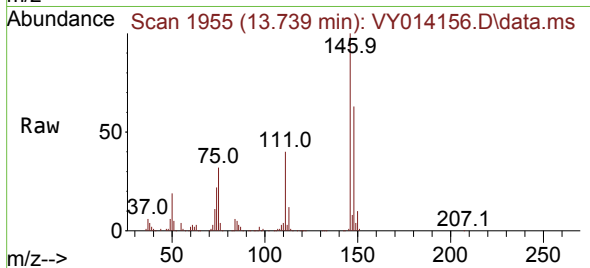
Tgt Ion:146 Resp: 110770

Ion Ratio Lower Upper

146 100

111 39.0 19.7 59.0

148 63.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.894 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

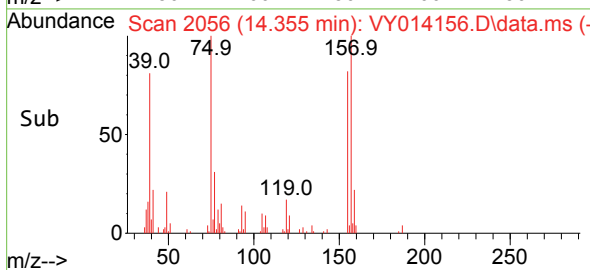
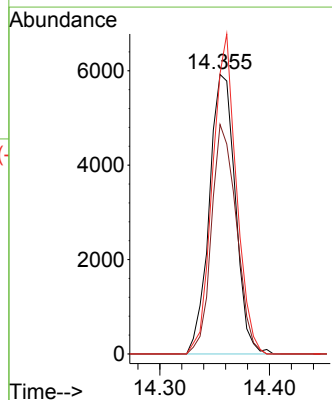
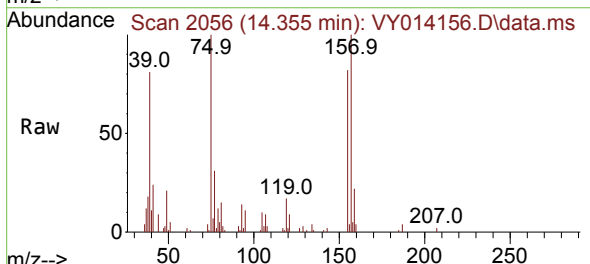
Tgt Ion: 75 Resp: 9767

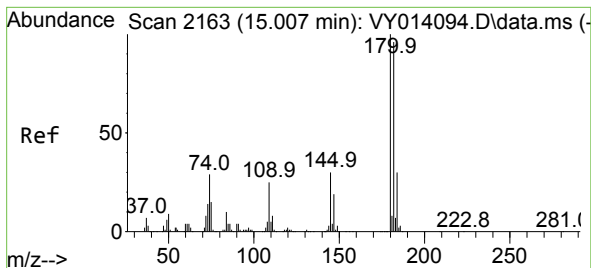
Ion Ratio Lower Upper

75 100

155 78.5 41.5 124.6

157 104.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.905 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

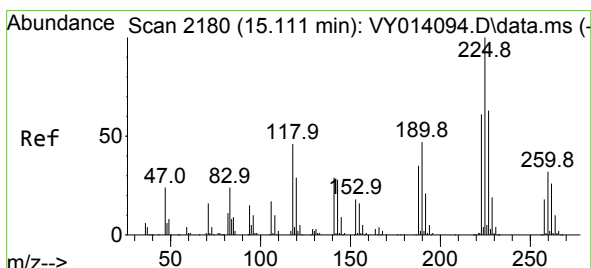
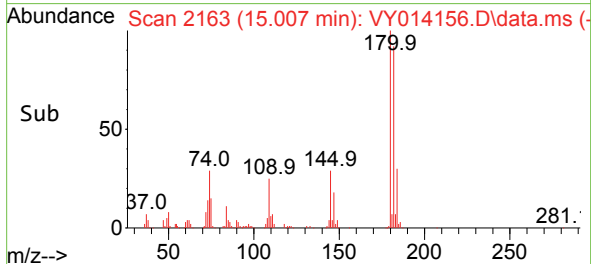
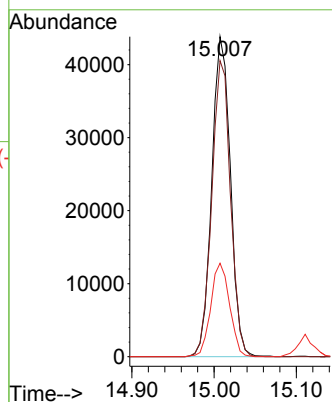
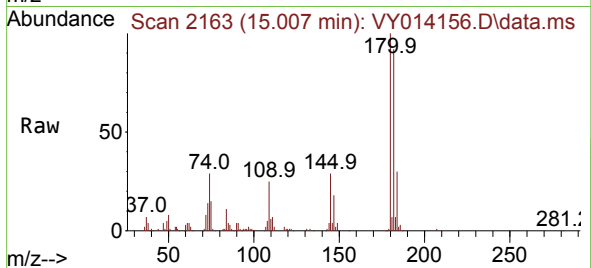
Tgt Ion:180 Resp: 68866

Ion Ratio Lower Upper

180 100

182 93.2 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.995 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

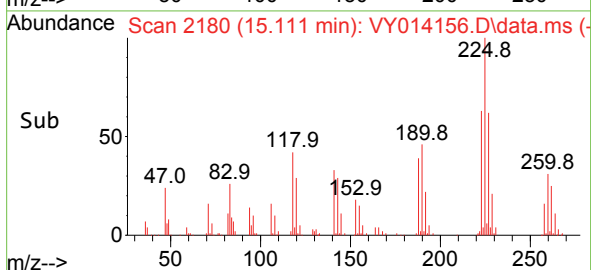
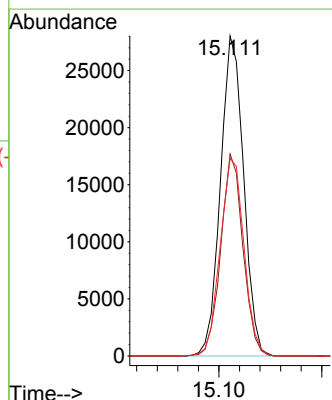
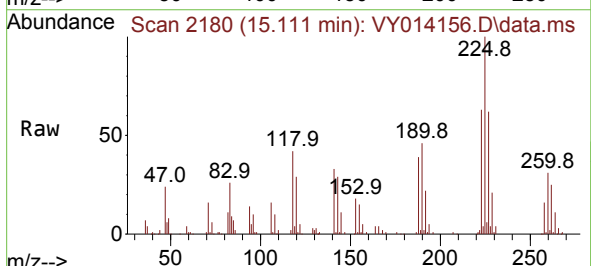
Tgt Ion:225 Resp: 43734

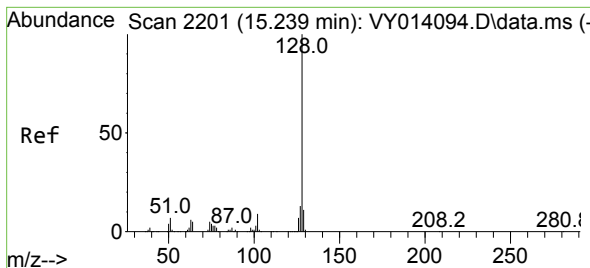
Ion Ratio Lower Upper

225 100

223 60.6 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 19.306 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0614SBS01

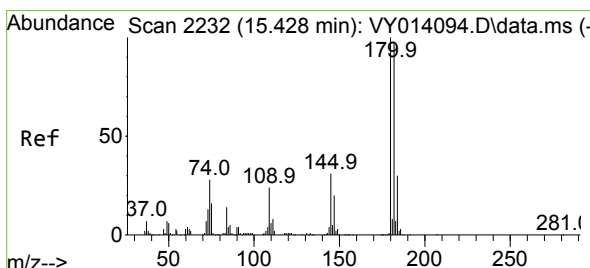
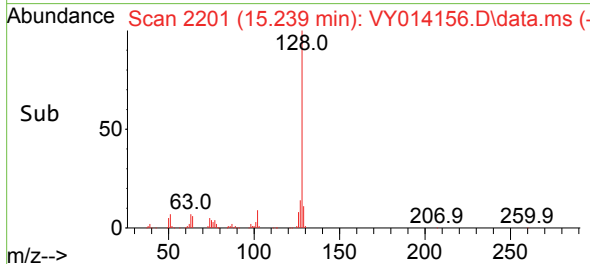
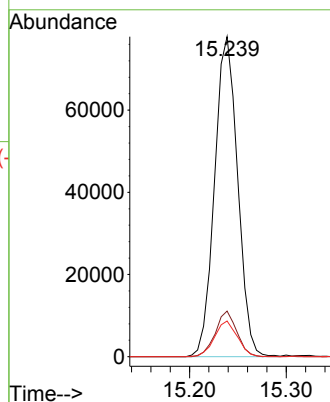
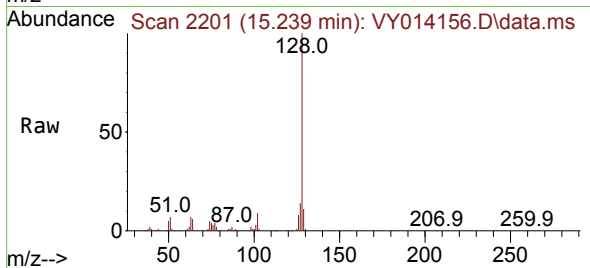
Tgt Ion:128 Resp: 129088

Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.151 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY014156.D

Acq: 14 Jun 2023 16:15

Tgt Ion:180 Resp: 59985

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

145 30.4 15.4 46.2

