

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013533.D
 Acq On : 01 May 2023 12:38
 Operator : KP/MD
 Sample : VY0501SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Quant Time: May 01 22:46:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	307854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	464210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	419450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	215527	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	164883	48.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.720%
35) Dibromofluoromethane	7.716	113	146069	50.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.060%
50) Toluene-d8	10.179	98	512440	49.337	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.477	95	186094	53.146	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.300%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	66872	22.849	ug/l	99
3) Chloromethane	2.107	50	75939	19.357	ug/l	98
4) Vinyl Chloride	2.247	62	74711	19.126	ug/l	97
5) Bromomethane	2.650	94	59099	18.986	ug/l	99
6) Chloroethane	2.790	64	51774	19.186	ug/l	100
7) Trichlorofluoromethane	3.119	101	127770	21.592	ug/l	98
8) Diethyl Ether	3.528	74	41107	20.400	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	69590	20.966	ug/l	99
10) Methyl Iodide	4.088	142	76833	18.430	ug/l	97
11) Tert butyl alcohol	4.972	59	16407	43.701	ug/l #	70
12) 1,1-Dichloroethene	3.863	96	65500	20.472	ug/l	94
13) Acrolein	3.735	56	31964	103.202	ug/l	91
14) Allyl chloride	4.473	41	115247	19.413	ug/l	97
15) Acrylonitrile	5.168	53	119322	105.733	ug/l	98
16) Acetone	3.954	43	136380	102.618	ug/l	97
17) Carbon Disulfide	4.192	76	206541	19.873	ug/l	99
18) Methyl Acetate	4.479	43	89271	20.338	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	186184	20.157	ug/l	99
20) Methylene Chloride	4.716	84	98641	18.614	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	73230	20.934	ug/l	96
22) Diisopropyl ether	6.119	45	239395	20.631	ug/l	97
23) Vinyl Acetate	6.058	43	738364	112.386	ug/l	97
24) 1,1-Dichloroethane	6.009	63	133661	20.668	ug/l	98
25) 2-Butanone	6.990	43	177732	105.449	ug/l	97
26) 2,2-Dichloropropane	6.972	77	119886	21.513	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	81703	21.139	ug/l	96
28) Bromochloromethane	7.332	49	48493	21.131	ug/l	84
29) Tetrahydrofuran	7.350	42	107258	102.231	ug/l	94
30) Chloroform	7.502	83	140327	21.824	ug/l	98
31) Cyclohexane	7.783	56	119928	19.848	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	123040	21.444	ug/l	98
36) 1,1-Dichloropropene	7.917	75	104299	21.525	ug/l	98
37) Ethyl Acetate	7.070	43	77475	21.247	ug/l	97
38) Carbon Tetrachloride	7.893	117	115753	22.792	ug/l	93
39) Methylcyclohexane	9.179	83	118406	20.728	ug/l	96
40) Benzene	8.161	78	297483	21.794	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	103909	61.150	ug/l #	34
42) 1,2-Dichloroethane	8.234	62	100689	22.564	ug/l	98
43) Isopropyl Acetate	8.271	43	129854	21.098	ug/l	97
44) Trichloroethene	8.935	130	79143	21.798	ug/l	99
45) 1,2-Dichloropropane	9.216	63	77530	21.724	ug/l	96
46) Dibromomethane	9.301	93	45910	21.500	ug/l	99
47) Bromodichloromethane	9.496	83	107243	22.444	ug/l	97
48) Methyl methacrylate	9.289	41	58818	20.808	ug/l	95
49) 1,4-Dioxane	9.313	88	12772	418.786	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	373732	108.967	ug/l	97
52) Toluene	10.240	92	181918	22.148	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	112316	22.210	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	121763	21.399	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	62983	22.272	ug/l	95
56) Ethyl methacrylate	10.508	69	86615	22.077	ug/l	93
57) 1,3-Dichloropropane	10.788	76	106724	22.284	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	170440	115.855	ug/l	94
59) 2-Hexanone	10.831	43	282867	113.457	ug/l	97
60) Dibromochloromethane	10.984	129	77924	22.694	ug/l	100
61) 1,2-Dibromoethane	11.087	107	61788	22.224	ug/l	100
64) Tetrachloroethene	10.715	164	71710	22.483	ug/l	97
65) Chlorobenzene	11.514	112	195511	21.397	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	75763	22.171	ug/l	99
67) Ethyl Benzene	11.593	91	350966	21.874	ug/l	99
68) m/p-Xylenes	11.703	106	271498	44.511	ug/l	98
69) o-Xylene	12.026	106	125806	21.809	ug/l	97
70) Styrene	12.044	104	214556	22.245	ug/l	100
71) Bromoform	12.209	173	53502	22.352	ug/l #	99
73) Isopropylbenzene	12.331	105	334918	20.545	ug/l	99
74) N-amyl acetate	12.142	43	117355	20.230	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	81506	20.455	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	107935	37.134	ug/l #	100
77) Bromobenzene	12.605	156	85246	21.581	ug/l	95
78) n-propylbenzene	12.672	91	419256	20.880	ug/l	98
79) 2-Chlorotoluene	12.758	91	236725	21.112	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	283421	21.301	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	29641	20.860	ug/l	97
82) 4-Chlorotoluene	12.855	91	245834	21.035	ug/l	98
83) tert-Butylbenzene	13.075	119	243818	21.151	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	279682	21.620	ug/l	100
85) sec-Butylbenzene	13.251	105	361078	20.871	ug/l	99
86) p-Isopropyltoluene	13.367	119	299683	21.541	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	162222	21.557	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	164780	21.677	ug/l	99
89) n-Butylbenzene	13.696	91	289354	21.309	ug/l	98
90) Hexachloroethane	13.959	117	59911	20.461	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	147740	21.741	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14345	20.384	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	91482	22.579	ug/l	100
94) Hexachlorobutadiene	15.111	225	56828	24.101	ug/l	100
95) Naphthalene	15.239	128	187892	21.374	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	84764	23.473	ug/l	98

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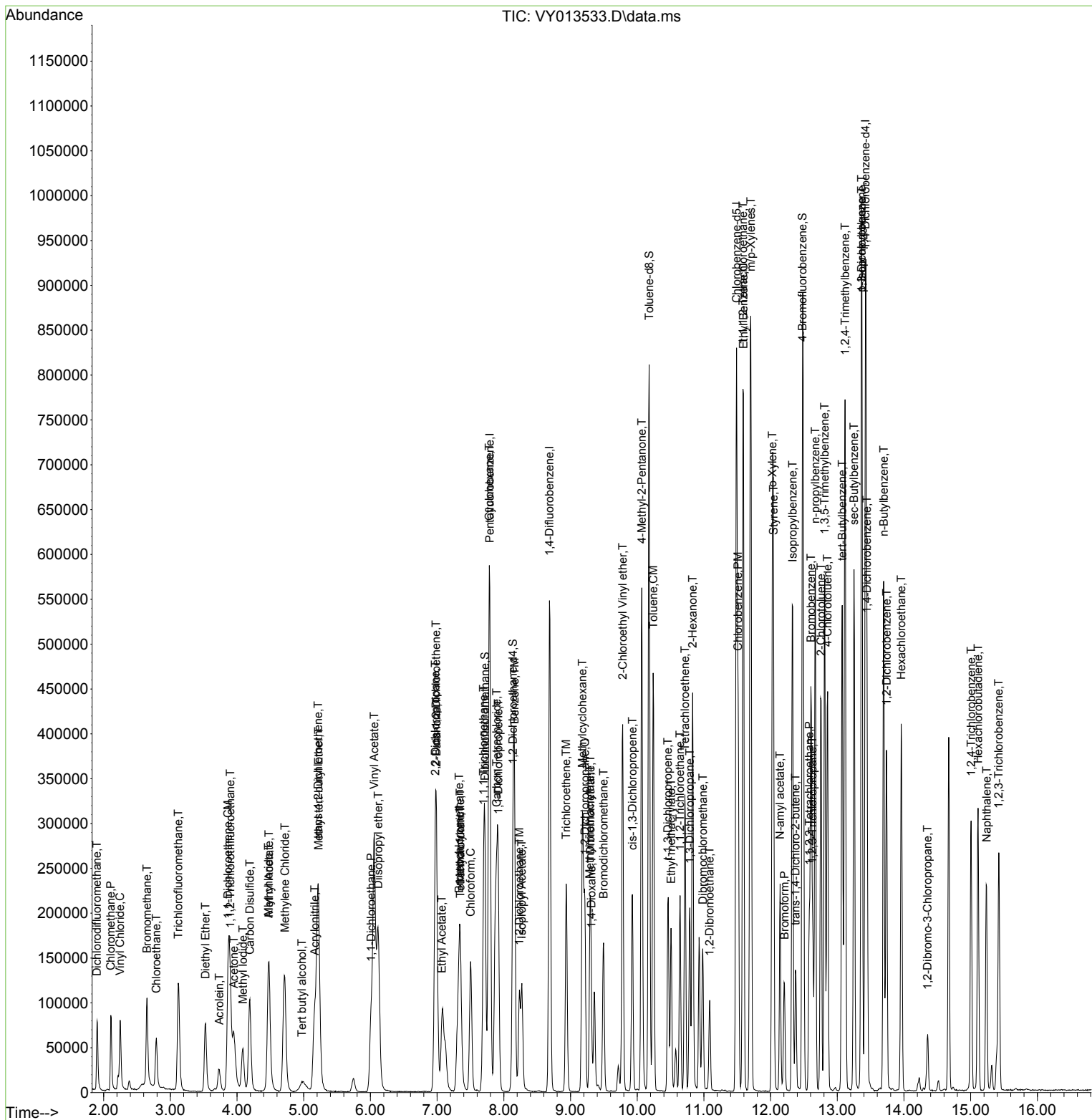
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

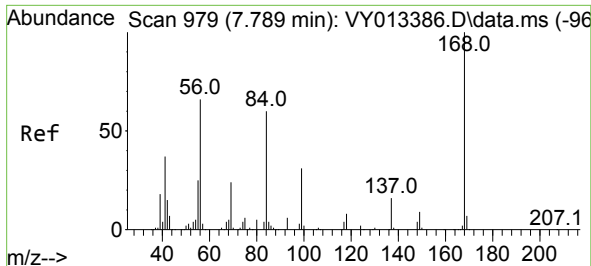
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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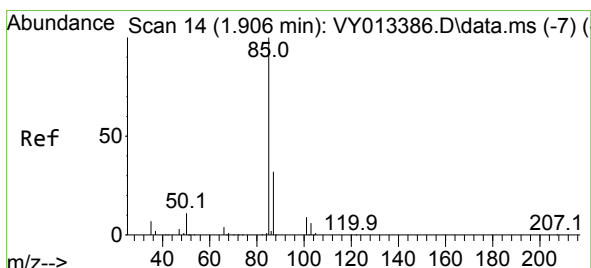
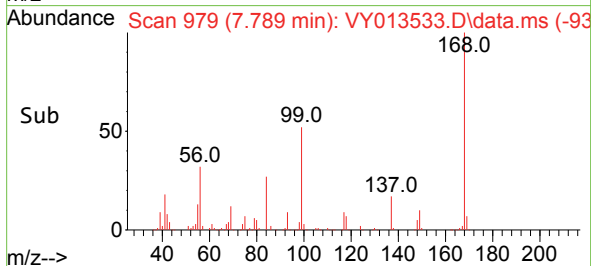
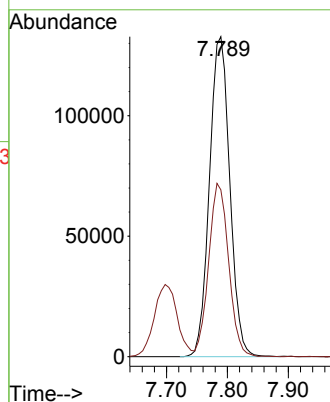
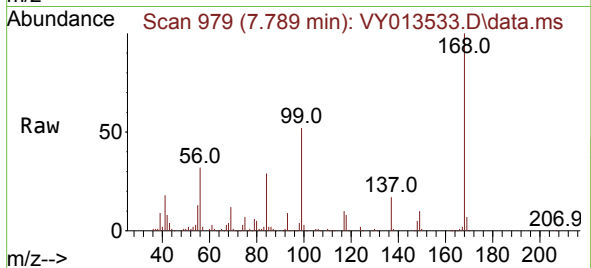




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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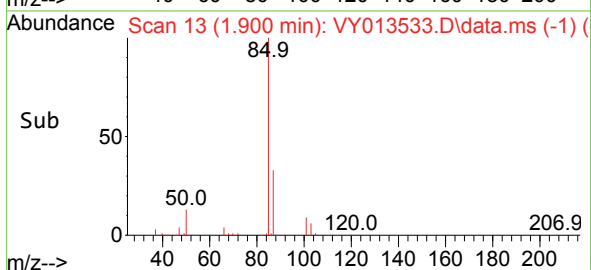
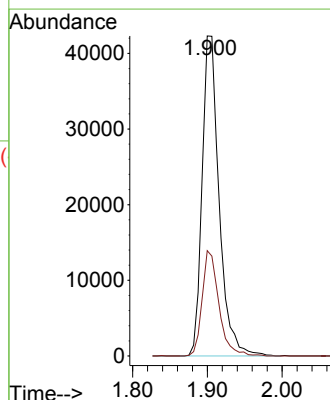
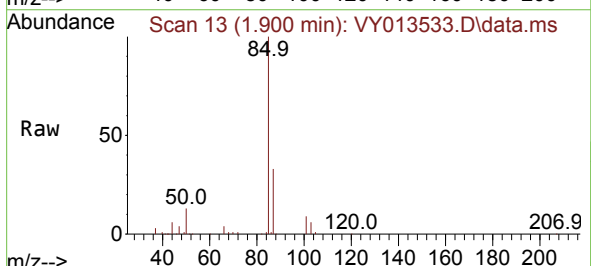
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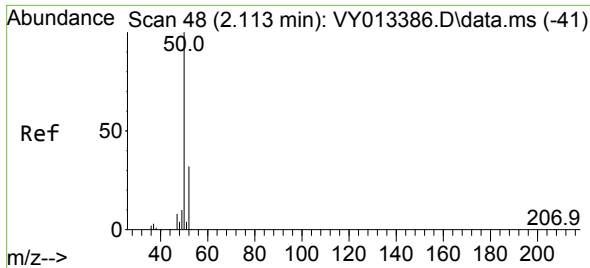
Tgt Ion:168 Resp: 307854
Ion Ratio Lower Upper
168 100
99 52.1 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 22.849 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 85 Resp: 66872
Ion Ratio Lower Upper
85 100
87 32.9 16.1 48.2

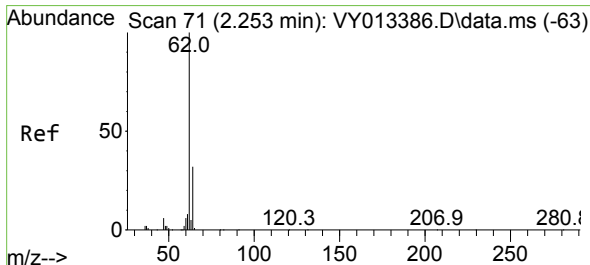
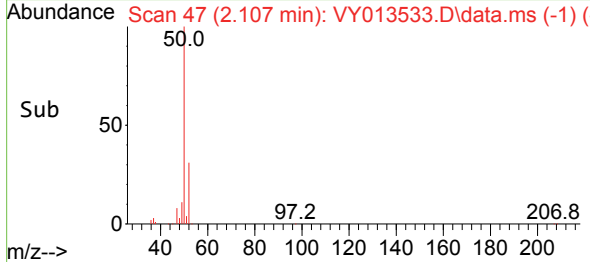
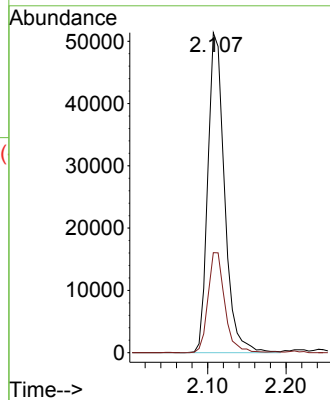
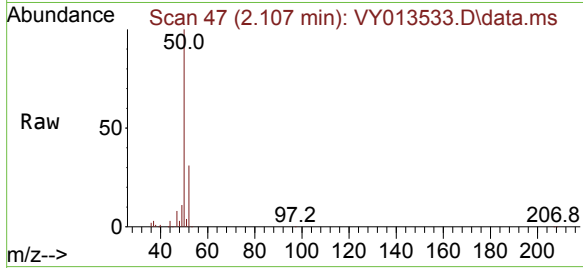




#3
Chloromethane
Concen: 19.357 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

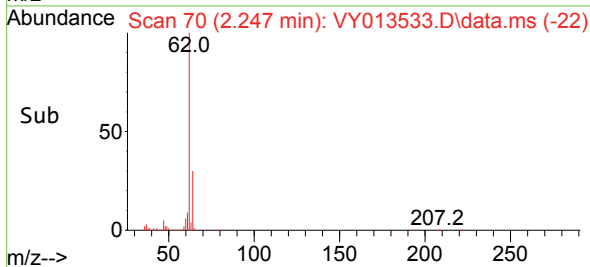
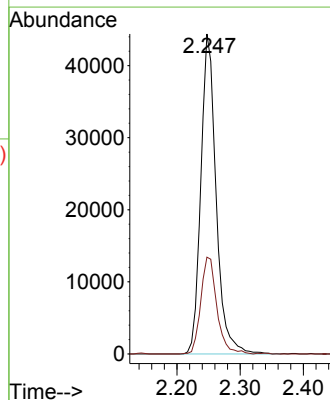
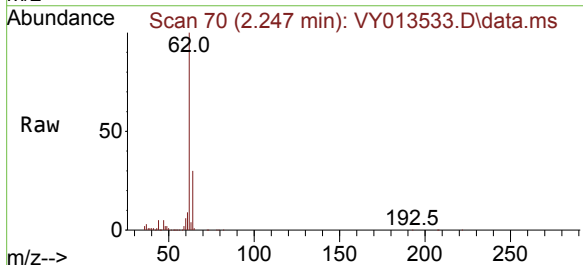
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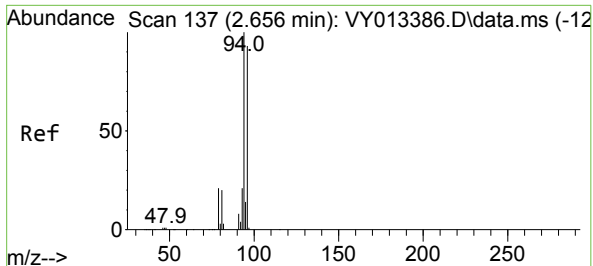
Tgt Ion: 50 Resp: 75939
Ion Ratio Lower Upper
50 100
52 31.2 25.9 38.9



#4
Vinyl Chloride
Concen: 19.126 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 62 Resp: 74711
Ion Ratio Lower Upper
62 100
64 30.2 25.4 38.0

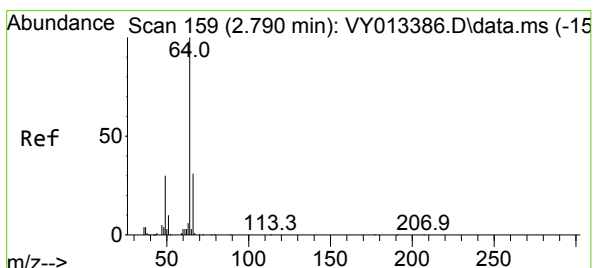
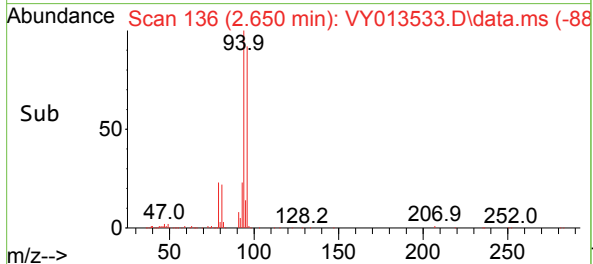
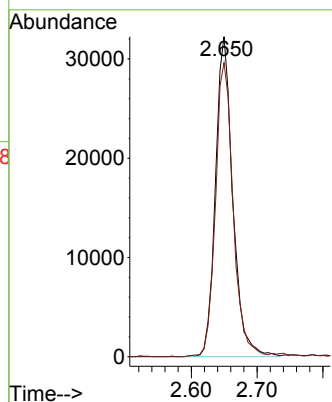
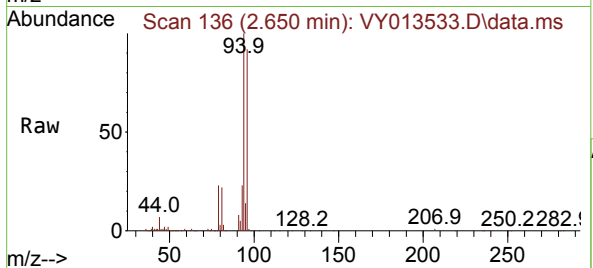




#5
Bromomethane
Concen: 18.986 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
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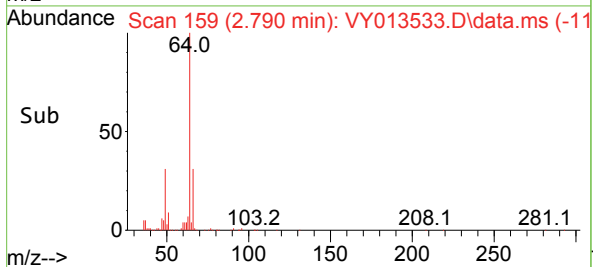
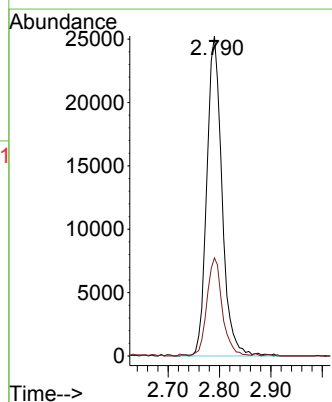
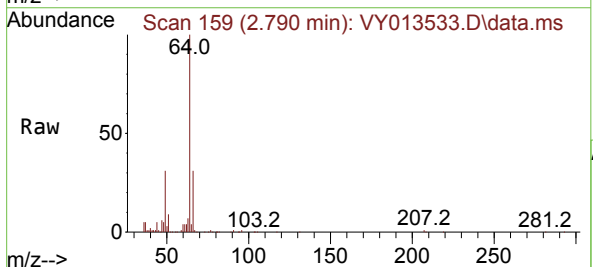
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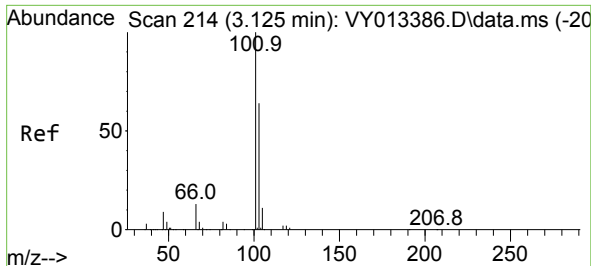
Tgt Ion: 94 Resp: 59099
Ion Ratio Lower Upper
94 100
96 91.9 74.2 111.2



#6
Chloroethane
Concen: 19.186 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013533.D
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Tgt Ion: 64 Resp: 51774
Ion Ratio Lower Upper
64 100
66 30.6 24.6 37.0

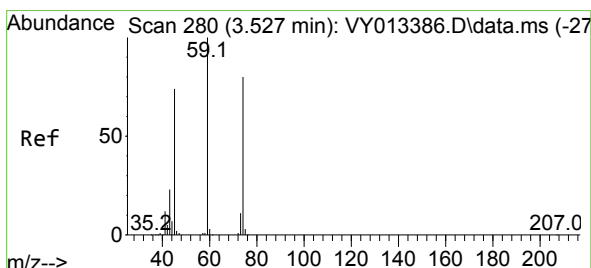
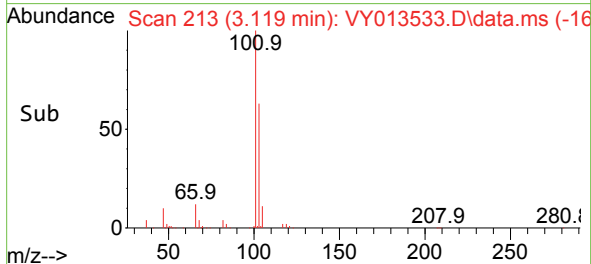
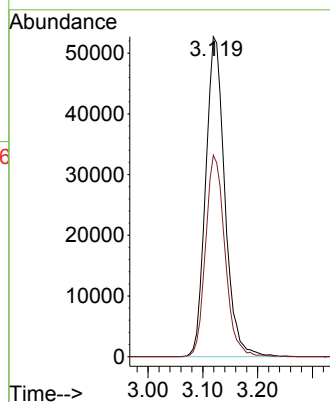
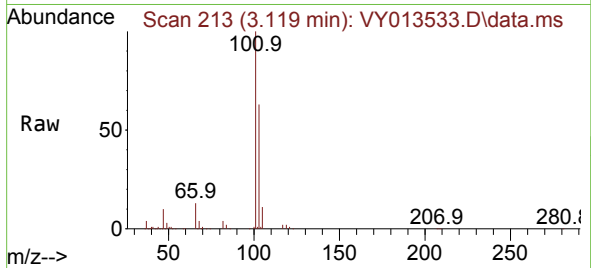




#7
Trichlorofluoromethane
Concen: 21.592 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

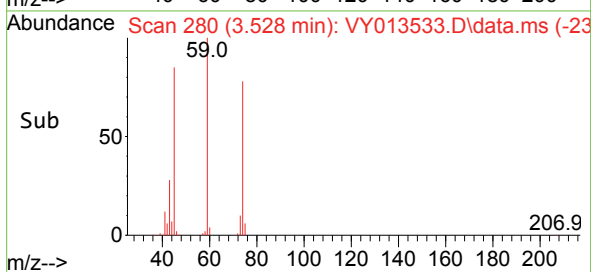
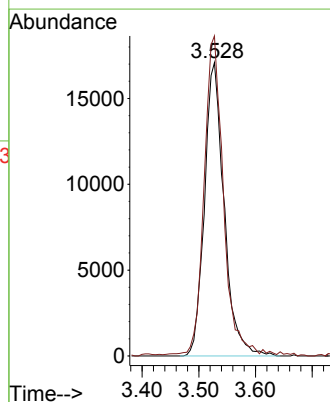
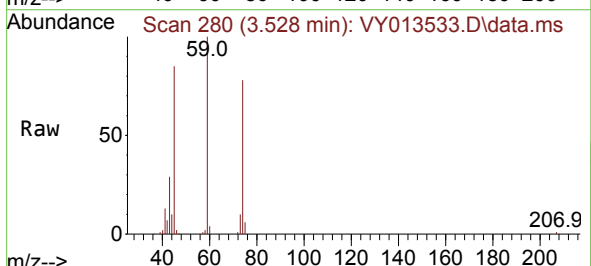
Instrument :
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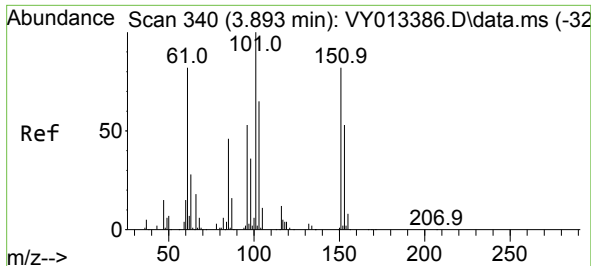
Tgt Ion:101 Resp: 127770
Ion Ratio Lower Upper
101 100
103 63.0 51.6 77.4



#8
Diethyl Ether
Concen: 20.400 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 41107
Ion Ratio Lower Upper
74 100
45 105.4 48.2 144.6

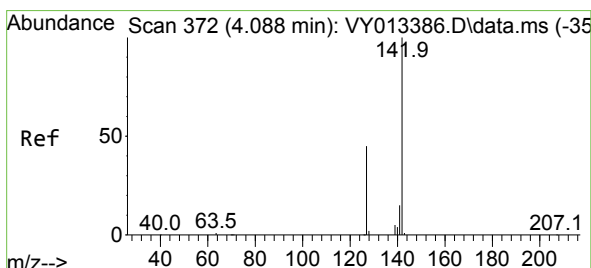
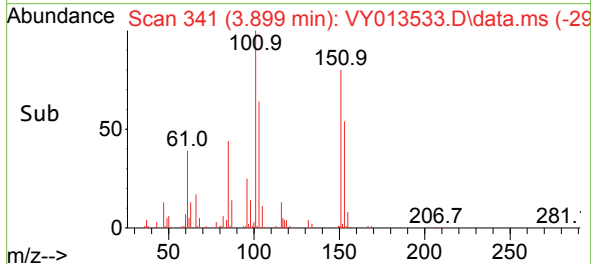
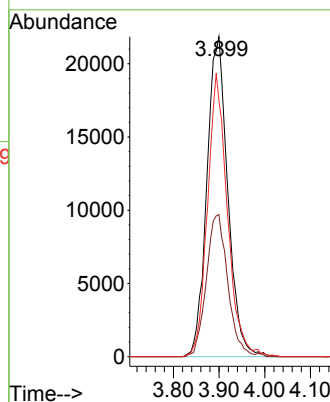
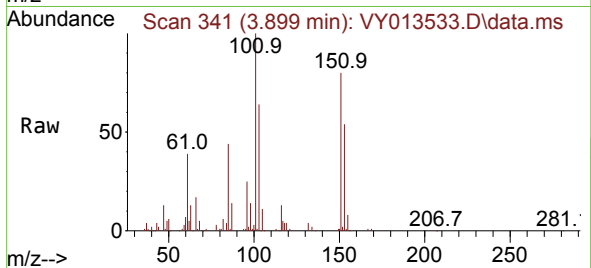




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.966 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

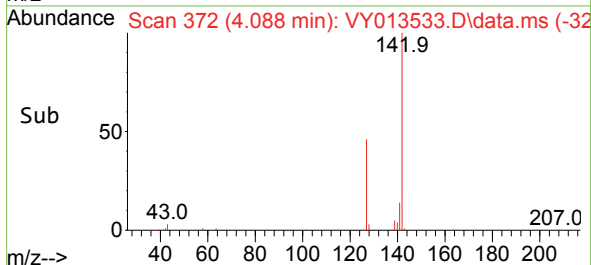
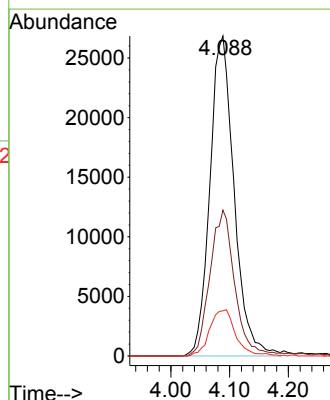
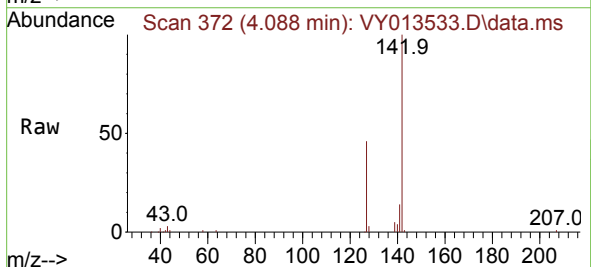
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

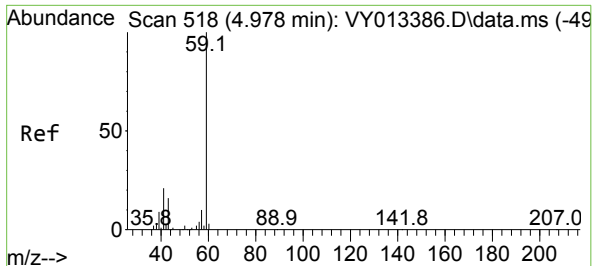
Tgt Ion:101 Resp: 69590
Ion Ratio Lower Upper
101 100
85 45.5 35.6 53.4
151 84.1 68.0 102.0



#10
Methyl Iodide
Concen: 18.430 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion:142 Resp: 76833
Ion Ratio Lower Upper
142 100
127 47.0 36.1 54.1
141 15.4 11.6 17.4

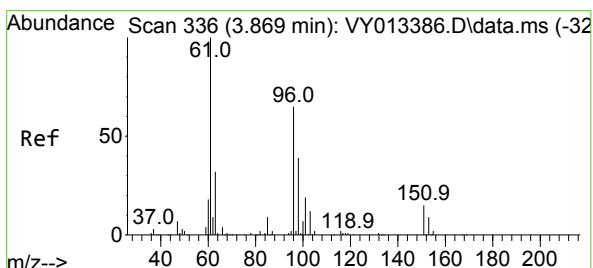
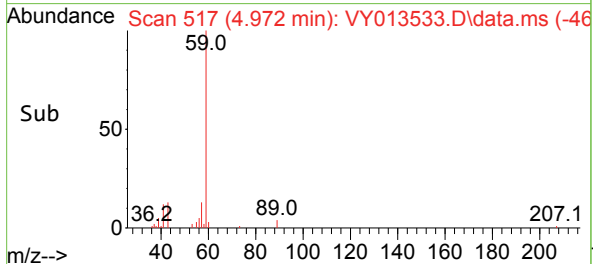
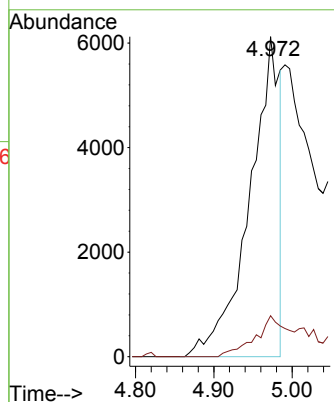
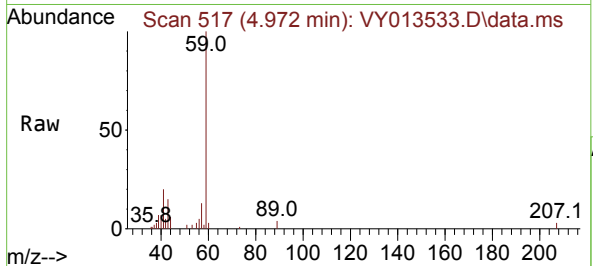




#11
Tert butyl alcohol
Concen: 43.701 ug/l
RT: 4.972 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

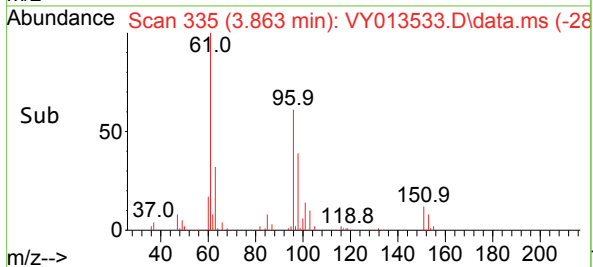
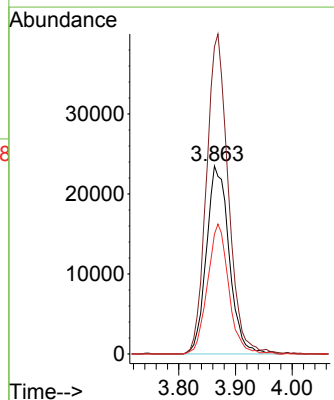
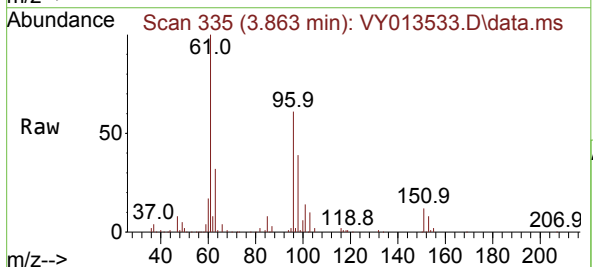
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

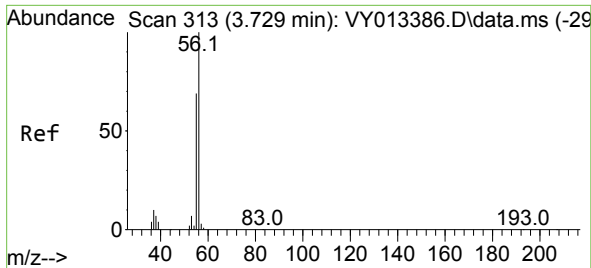
Tgt Ion: 59 Resp: 16407
Ion Ratio Lower Upper
59 100
57 13.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.472 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 96 Resp: 65500
Ion Ratio Lower Upper
96 100
61 163.4 123.9 185.9
98 63.7 48.9 73.3





#13

Acrolein

Concen: 103.202 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

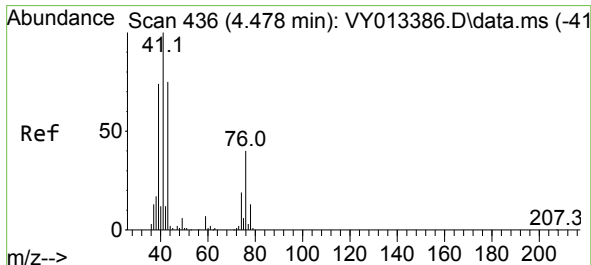
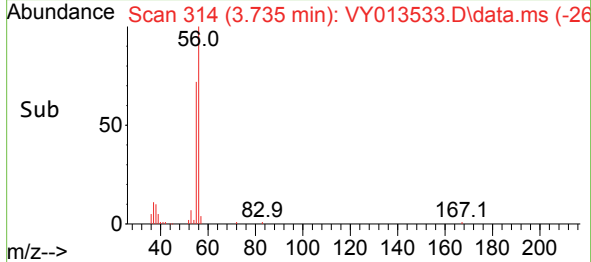
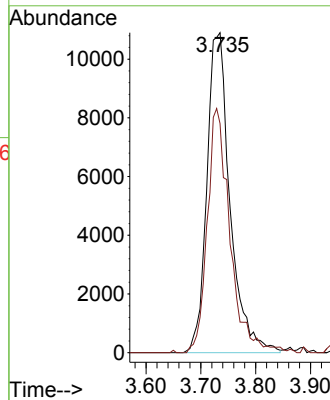
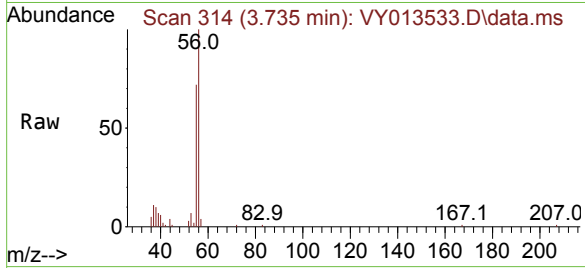
VY0501SBS01

Tgt Ion: 56 Resp: 31964

Ion Ratio Lower Upper

56 100

55 74.8 54.1 81.1



#14

Allyl chloride

Concen: 19.413 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.005 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

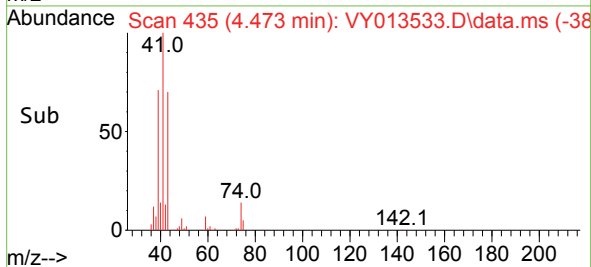
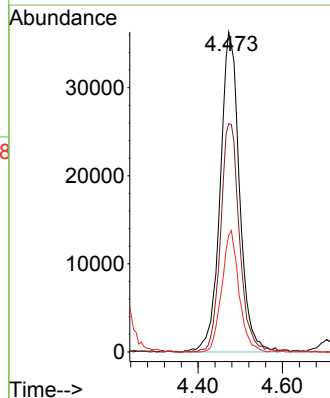
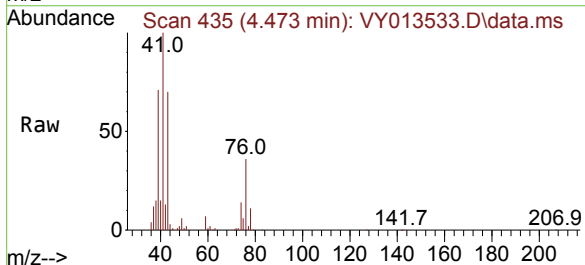
Tgt Ion: 41 Resp: 115247

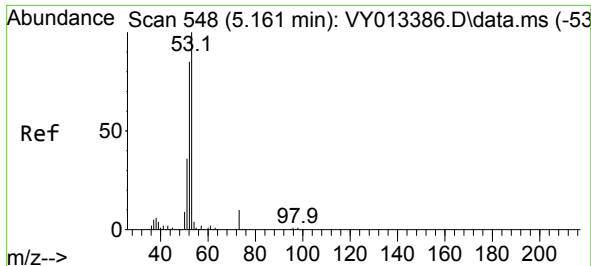
Ion Ratio Lower Upper

41 100

39 69.5 56.6 85.0

76 33.8 30.5 45.7

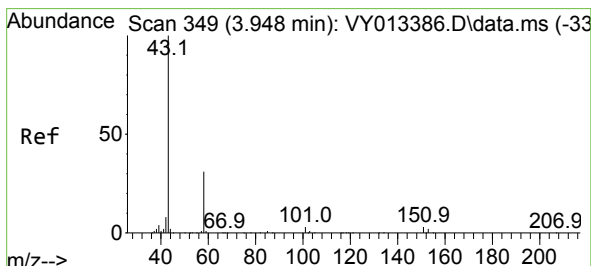
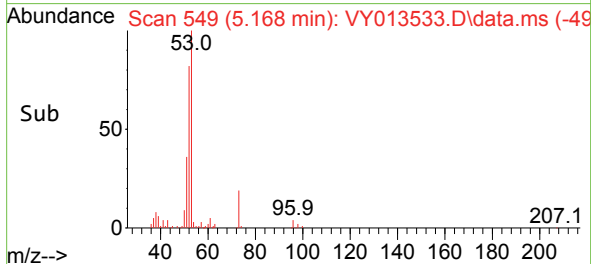
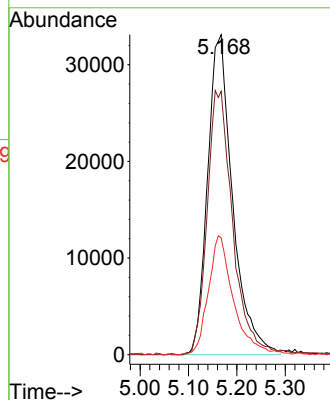
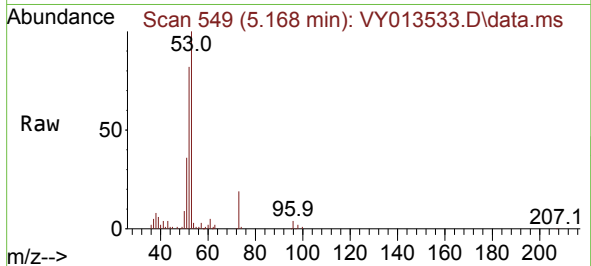




#15
Acrylonitrile
Concen: 105.733 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

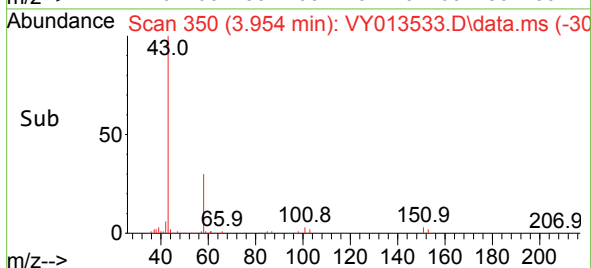
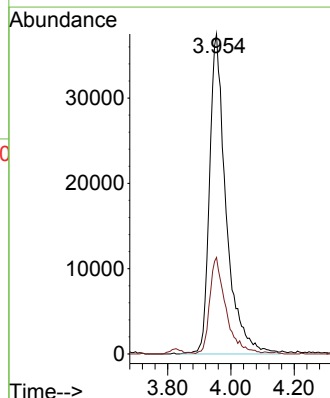
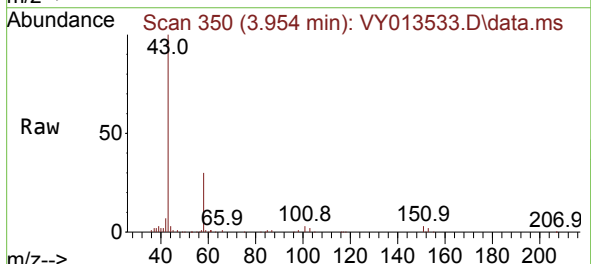
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

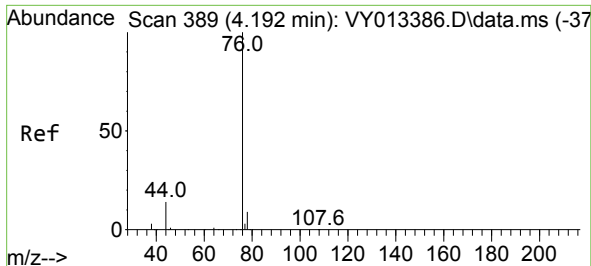
Tgt Ion: 53 Resp: 119322
Ion Ratio Lower Upper
53 100
52 84.3 65.4 98.0
51 37.4 29.3 43.9



#16
Acetone
Concen: 102.618 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 43 Resp: 136380
Ion Ratio Lower Upper
43 100
58 29.9 25.4 38.0

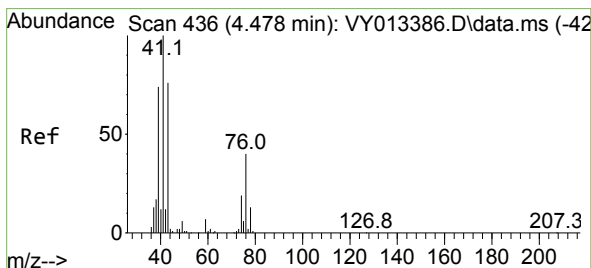
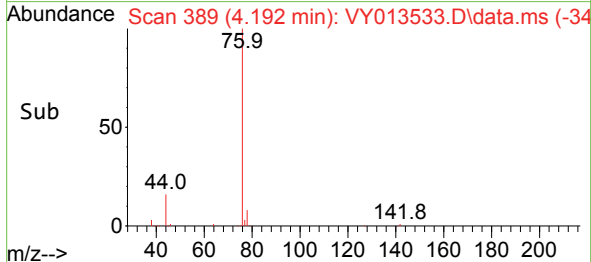
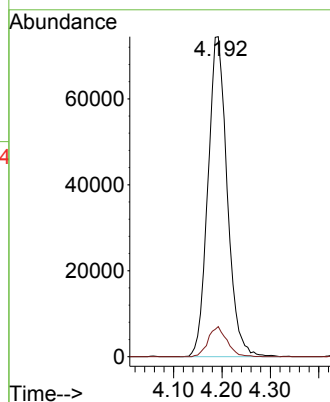
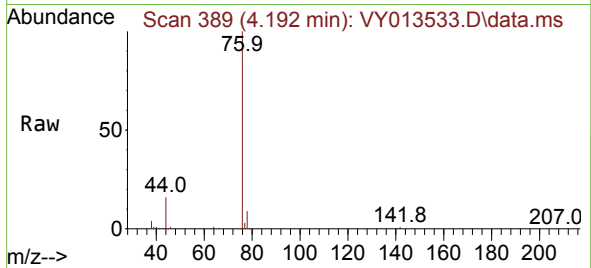




#17
Carbon Disulfide
Concen: 19.873 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

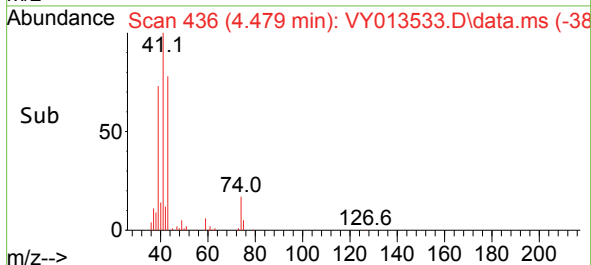
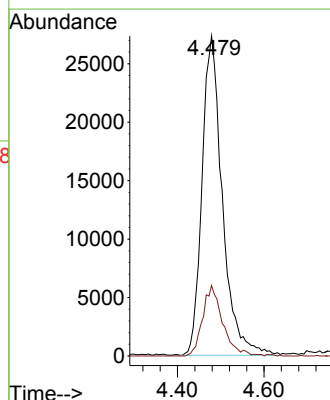
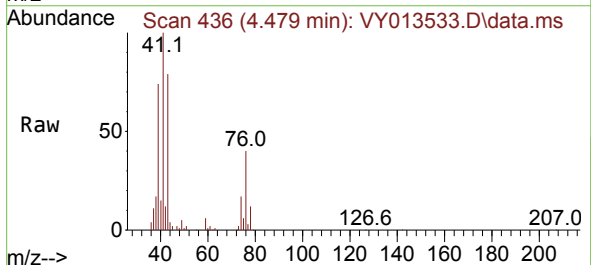
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

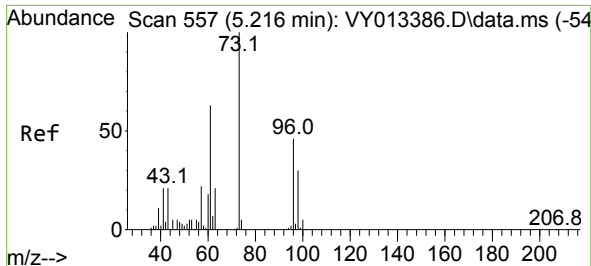
Tgt Ion: 76 Resp: 206541
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 20.338 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 43 Resp: 89271
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.2

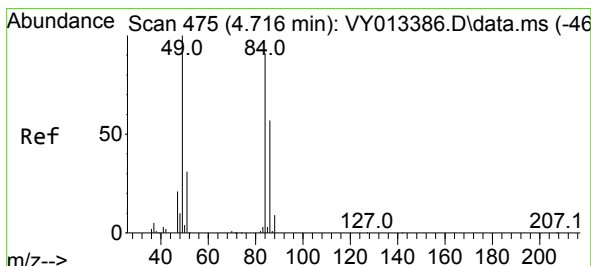
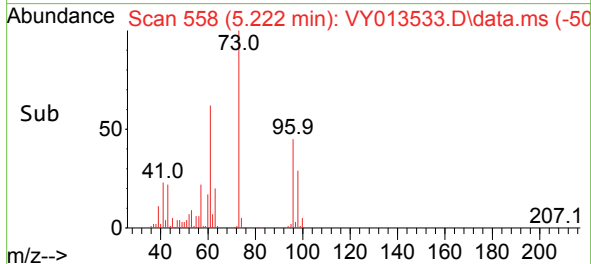
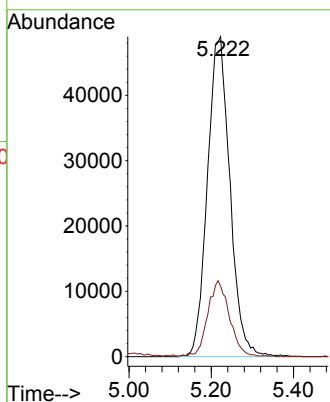
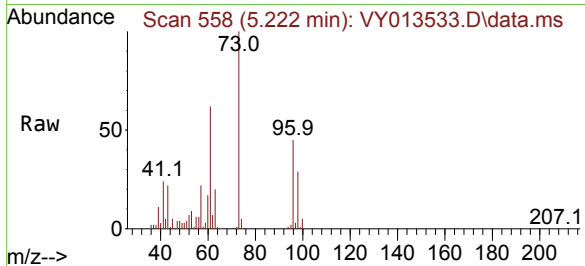




#19
Methyl tert-butyl Ether
Concen: 20.157 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

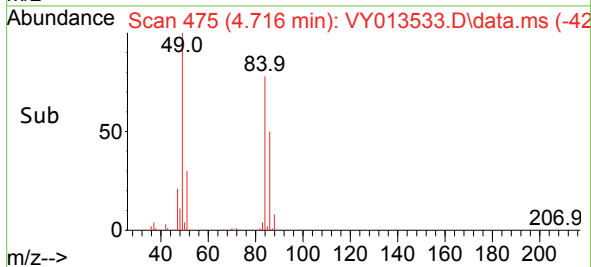
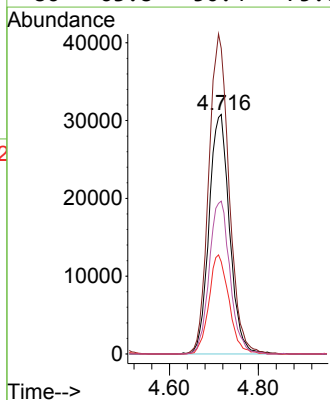
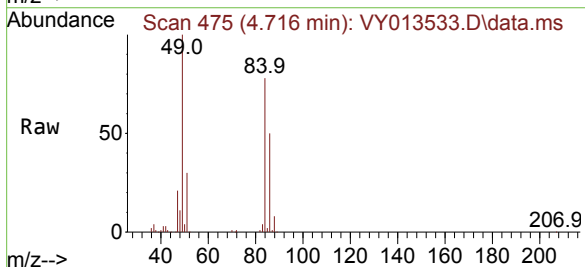
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

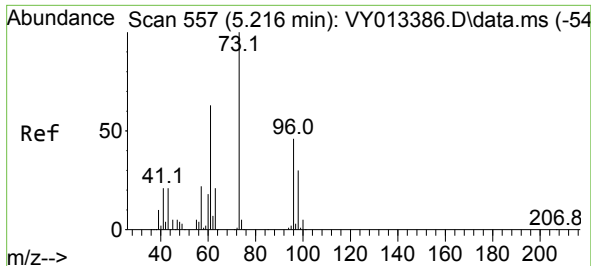
Tgt Ion: 73 Resp: 186184
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.8



#20
Methylene Chloride
Concen: 18.614 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 84 Resp: 98641
Ion Ratio Lower Upper
84 100
49 127.6 88.0 132.0
51 38.5 27.4 41.0
86 63.8 50.4 75.6

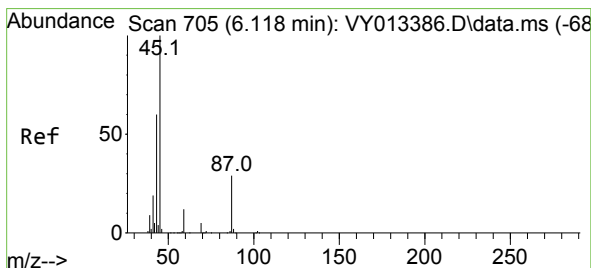
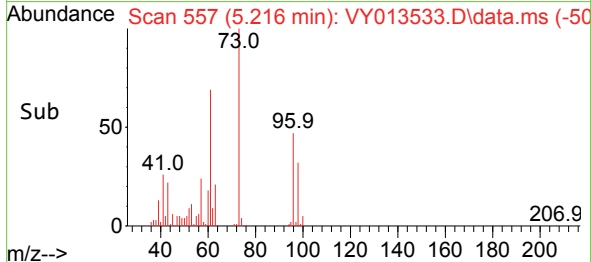
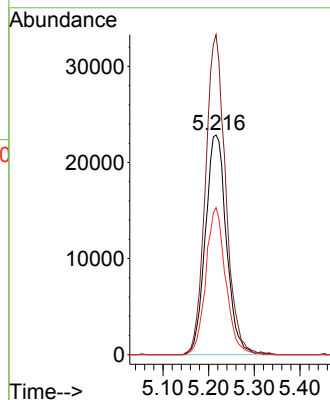
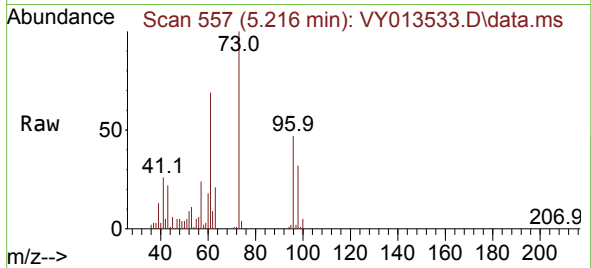




#21
trans-1,2-Dichloroethene
Concen: 20.934 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

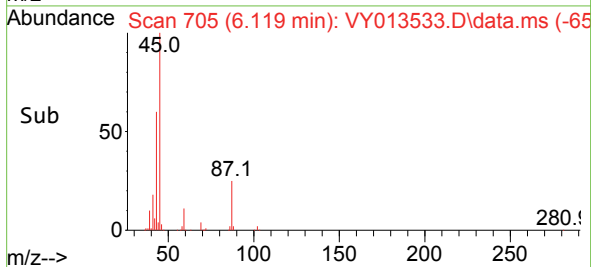
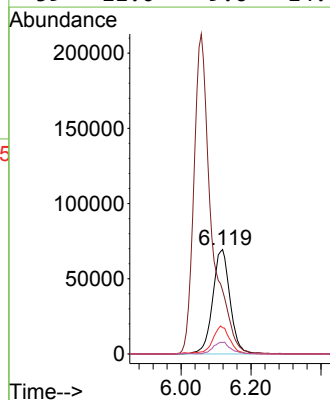
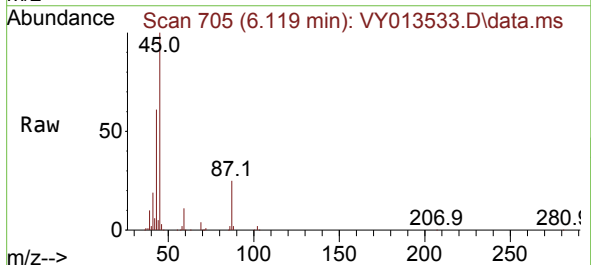
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

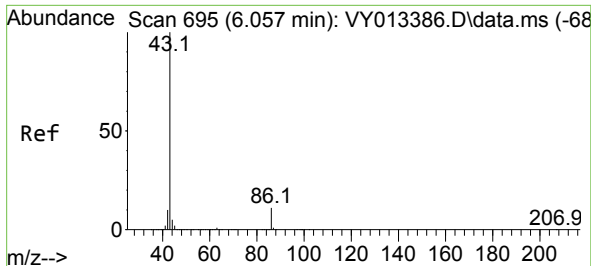
Tgt Ion: 96 Resp: 73230
Ion Ratio Lower Upper
96 100
61 145.7 110.6 165.8
98 67.0 53.1 79.7



#22
Diisopropyl ether
Concen: 20.631 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 45 Resp: 239395
Ion Ratio Lower Upper
45 100
43 60.1 48.4 72.6
87 25.2 23.8 35.6
59 11.0 9.6 14.4

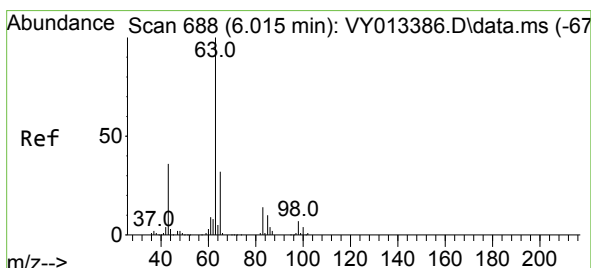
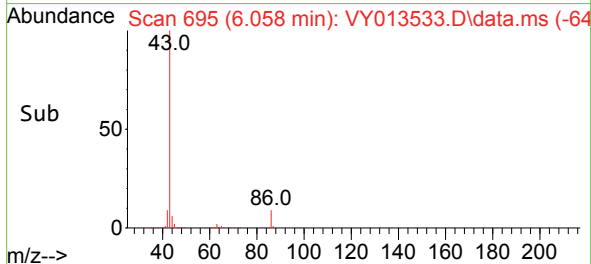
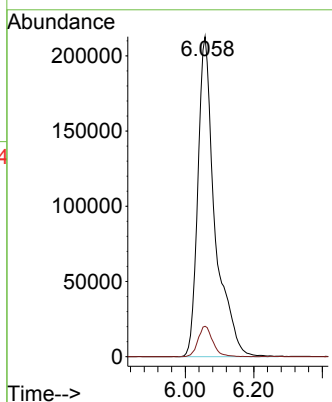
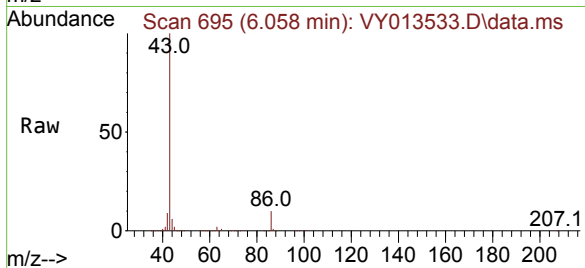




#23
 Vinyl Acetate
 Concen: 112.386 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013533.D
 Acq: 01 May 2023 12:38

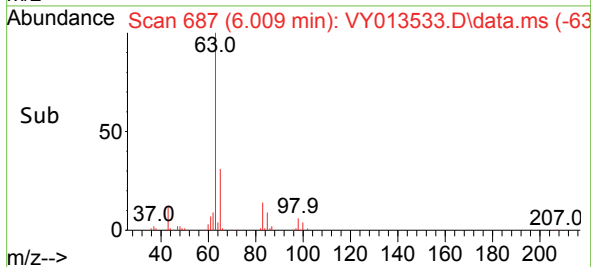
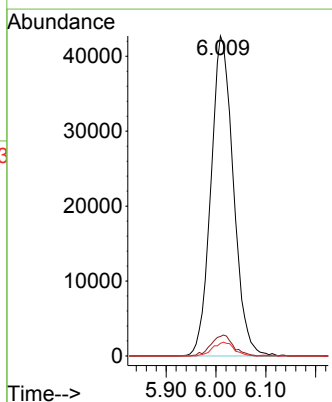
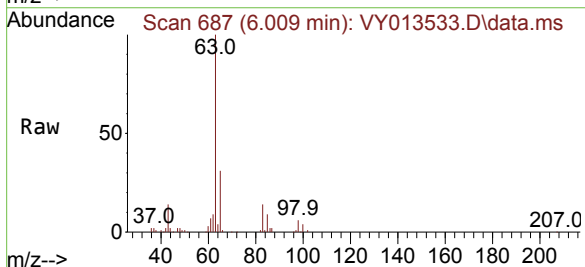
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

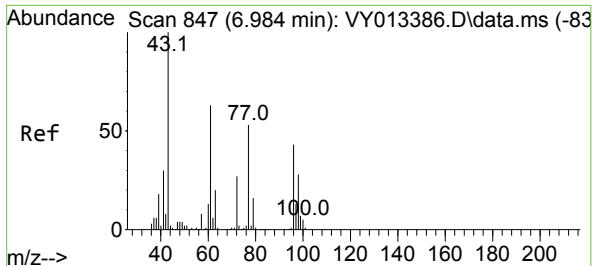
Tgt Ion: 43 Resp: 738364
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.668 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013533.D
 Acq: 01 May 2023 12:38

Tgt Ion: 63 Resp: 133661
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.6
 100 4.0 2.2 6.6





#25

2-Butanone

Concen: 105.449 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

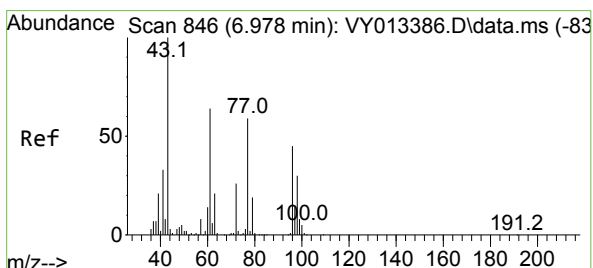
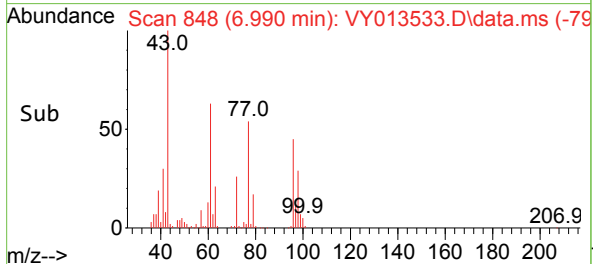
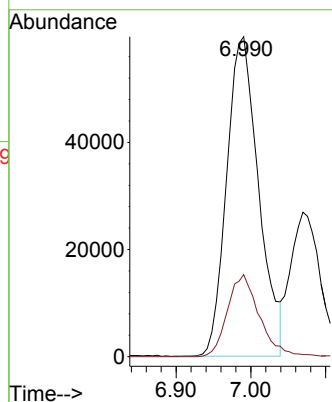
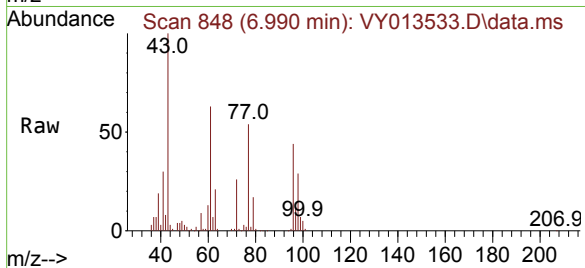
VY0501SBS01

Tgt Ion: 43 Resp: 177732

Ion Ratio Lower Upper

43 100

72 25.7 21.9 32.9



#26

2,2-Dichloropropane

Concen: 21.513 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY013533.D

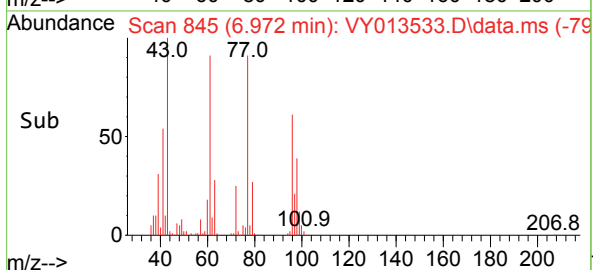
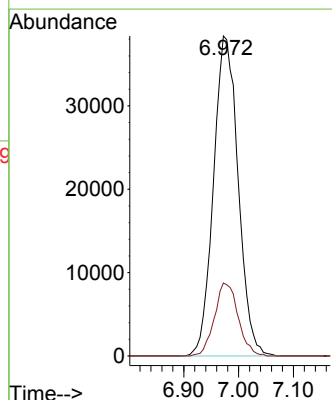
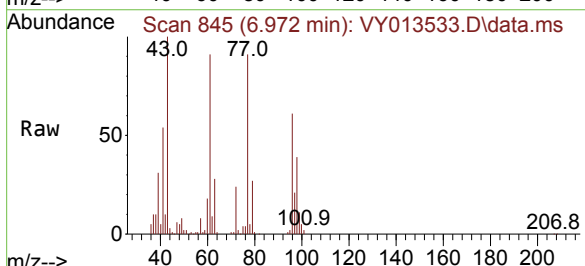
Acq: 01 May 2023 12:38

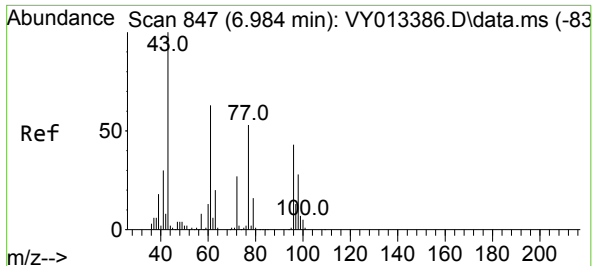
Tgt Ion: 77 Resp: 119886

Ion Ratio Lower Upper

77 100

97 21.9 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 21.139 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

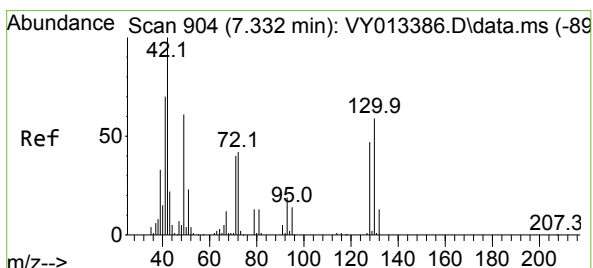
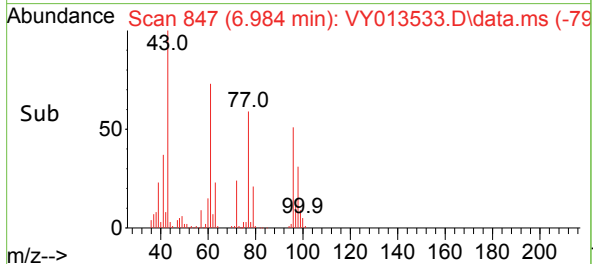
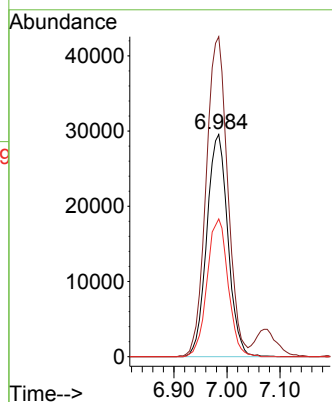
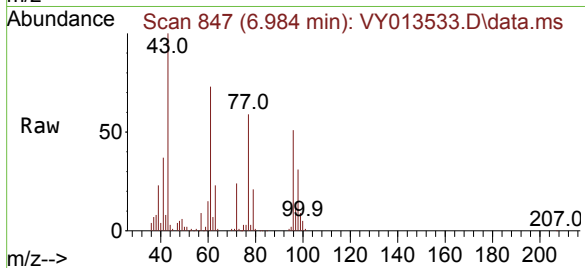
Tgt Ion: 96 Resp: 81703

Ion Ratio Lower Upper

96 100

61 146.8 0.0 285.0

98 61.9 0.0 130.6



#28

Bromochloromethane

Concen: 21.131 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

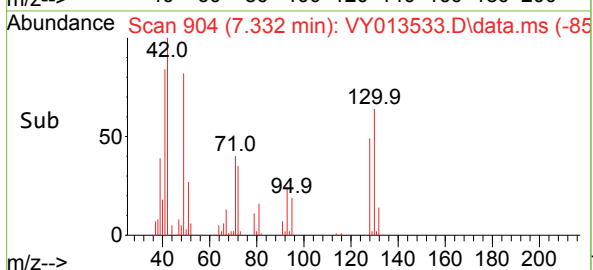
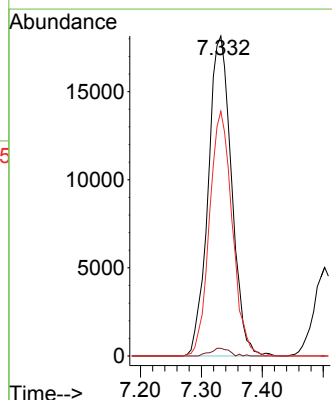
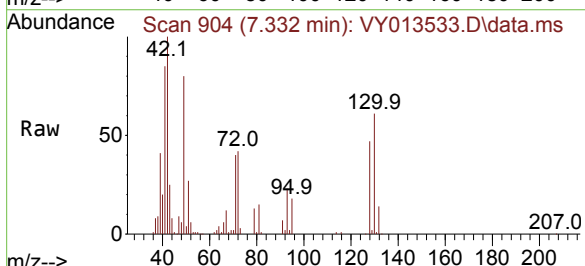
Tgt Ion: 49 Resp: 48493

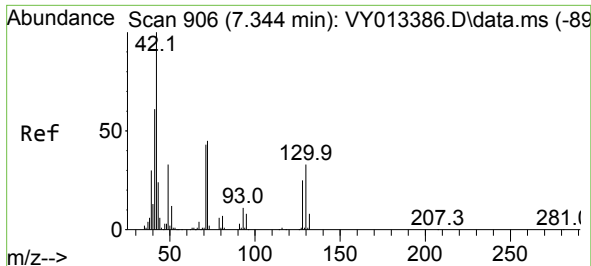
Ion Ratio Lower Upper

49 100

129 2.0 0.0 5.2

130 74.4 72.1 108.1





#29

Tetrahydrofuran

Concen: 102.231 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

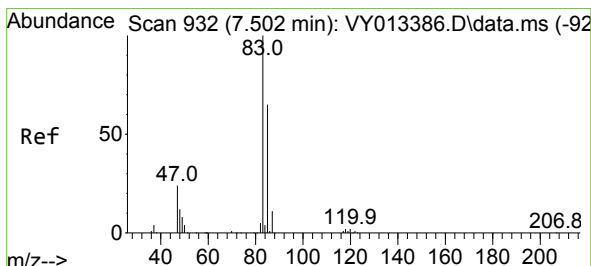
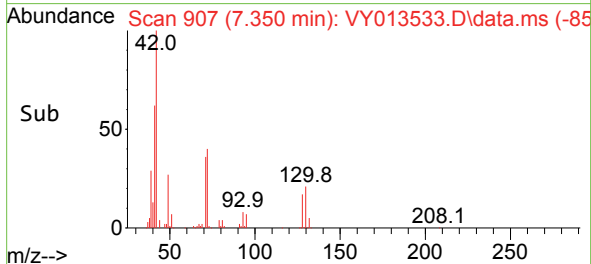
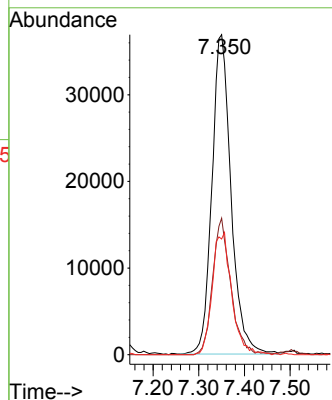
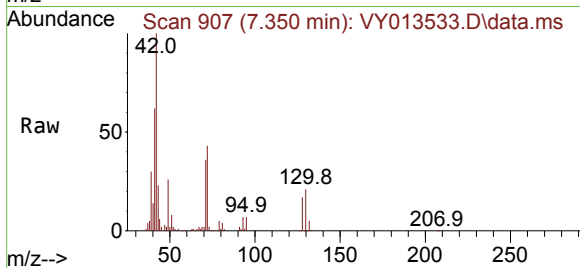
Tgt Ion: 42 Resp: 107258

Ion Ratio Lower Upper

42 100

72 40.7 35.9 53.9

71 38.8 34.3 51.5



#30

Chloroform

Concen: 21.824 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013533.D

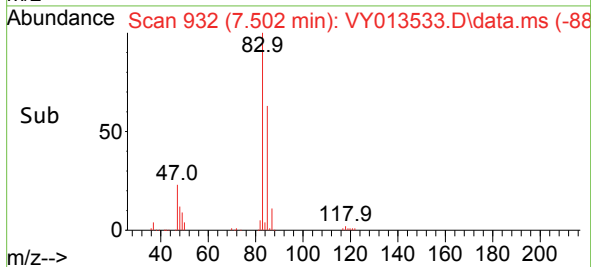
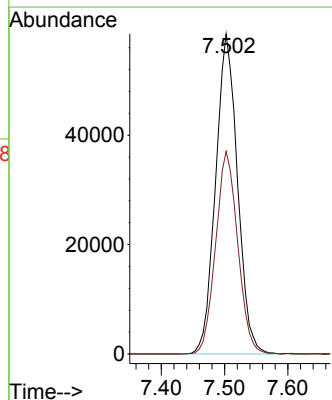
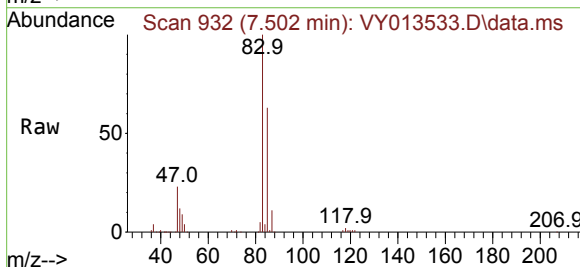
Acq: 01 May 2023 12:38

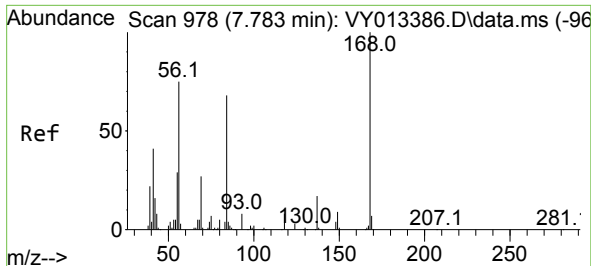
Tgt Ion: 83 Resp: 140327

Ion Ratio Lower Upper

83 100

85 63.3 52.0 78.0

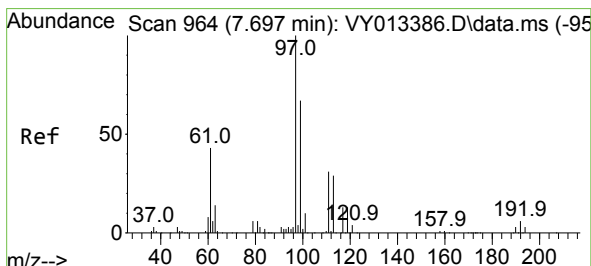
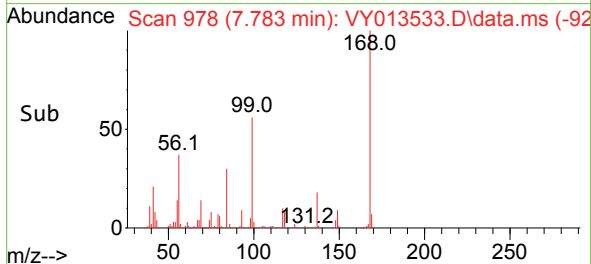
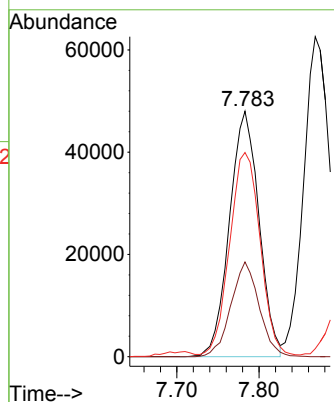
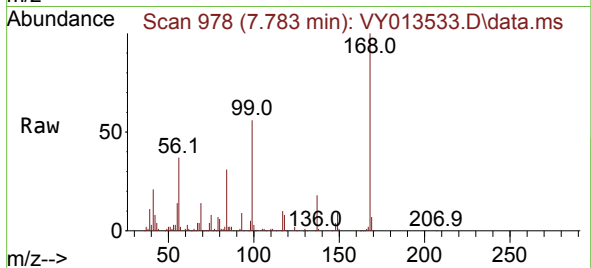




#31
Cyclohexane
Concen: 19.848 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

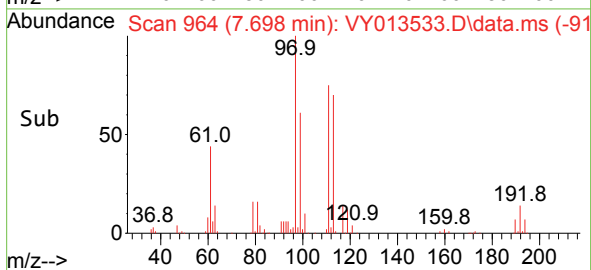
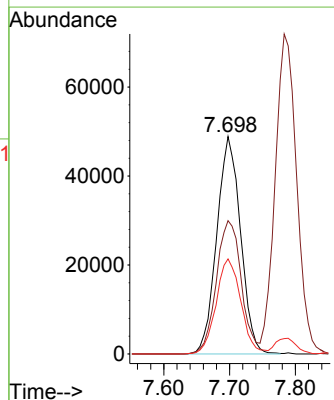
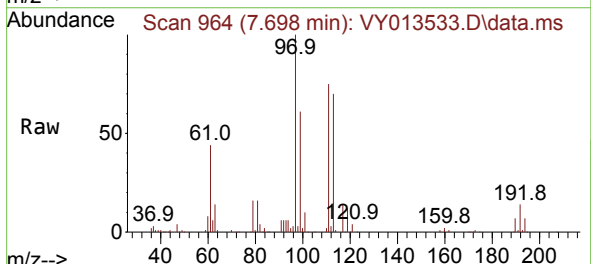
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

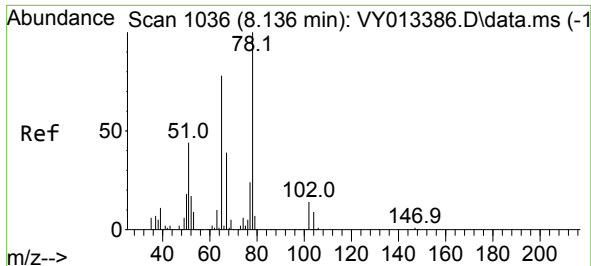
Tgt Ion: 56 Resp: 119928
Ion Ratio Lower Upper
56 100
69 38.6 29.2 43.8
84 81.2 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 21.444 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 97 Resp: 123040
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 45.5 33.8 50.8

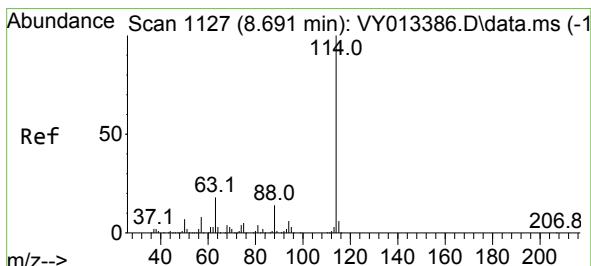
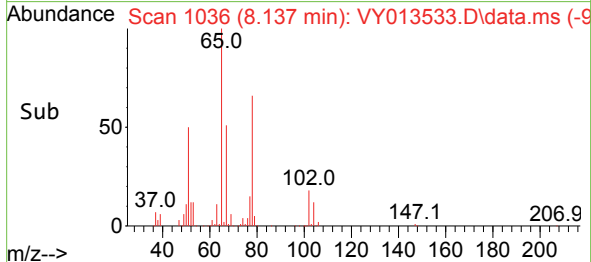
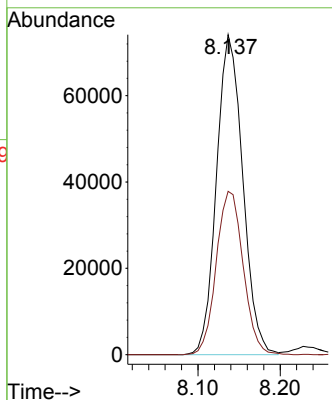
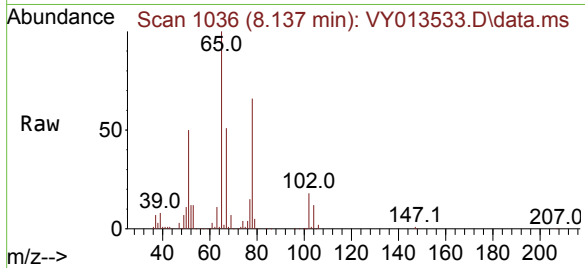




#33
 1,2-Dichloroethane-d4
 Concen: 48.858 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY013533.D
 Acq: 01 May 2023 12:38

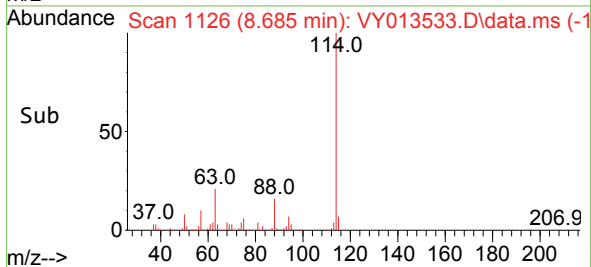
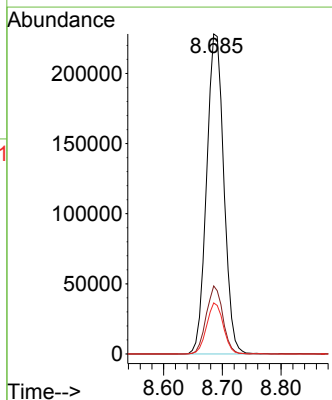
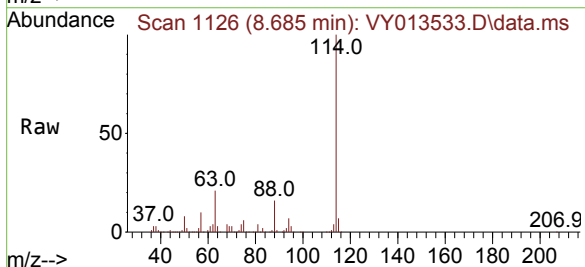
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

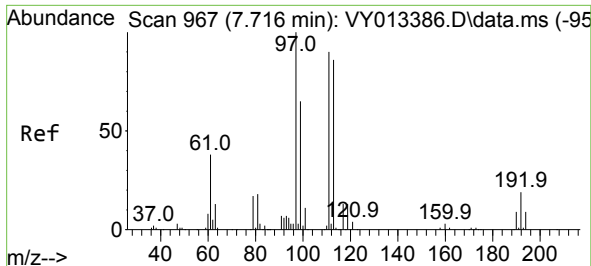
Tgt Ion: 65 Resp: 164883
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013533.D
 Acq: 01 May 2023 12:38

Tgt Ion: 114 Resp: 464210
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 36.6
 88 16.0 0.0 28.8

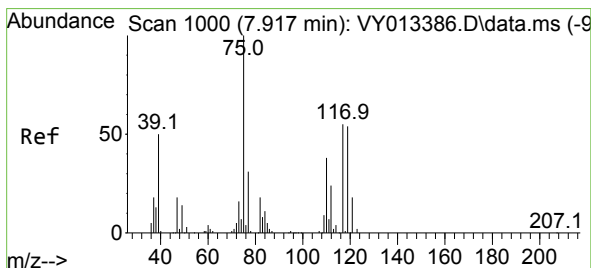
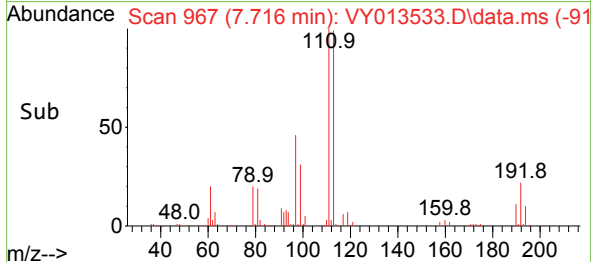
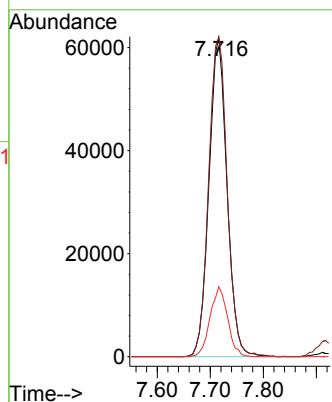
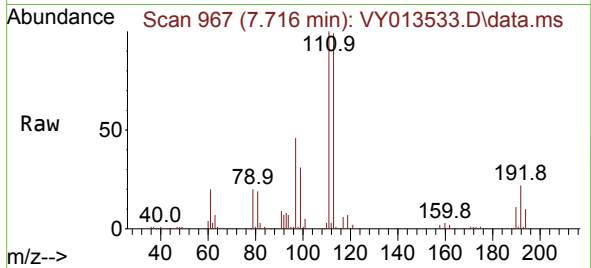




#35
Dibromofluoromethane
Concen: 50.029 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

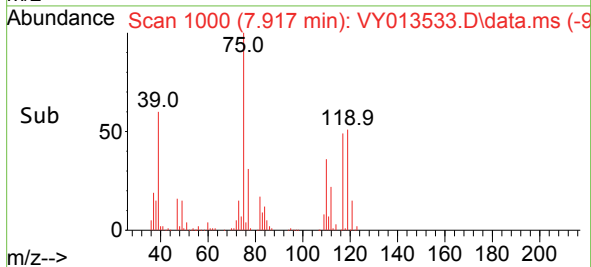
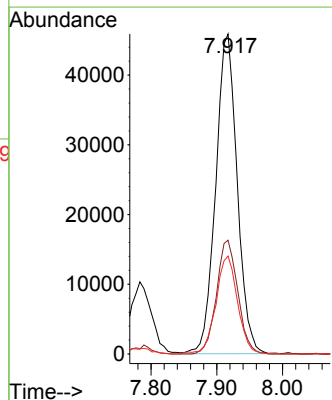
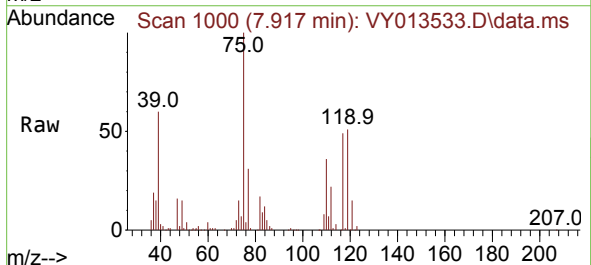
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

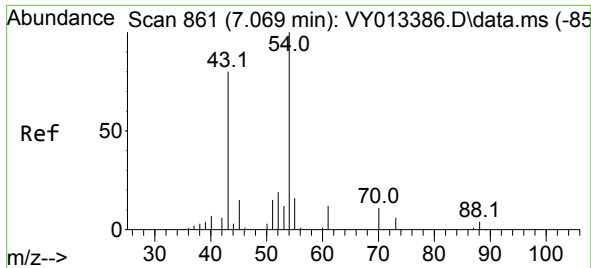
Tgt Ion:113 Resp: 146069
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 21.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 21.525 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 75 Resp: 104299
Ion Ratio Lower Upper
75 100
110 35.2 18.7 56.1
77 30.9 24.6 37.0

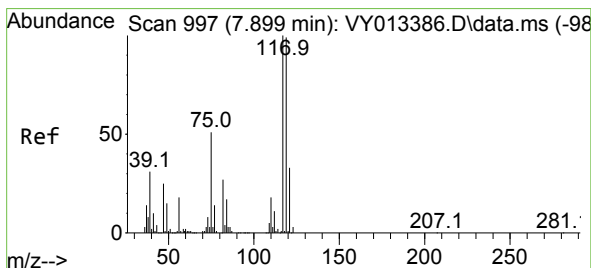
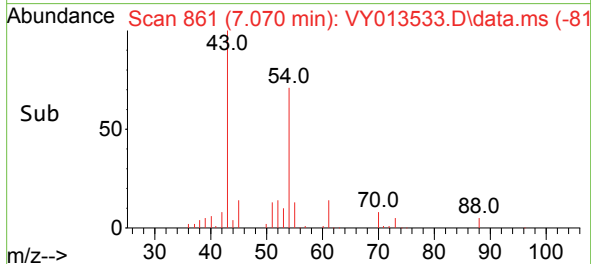
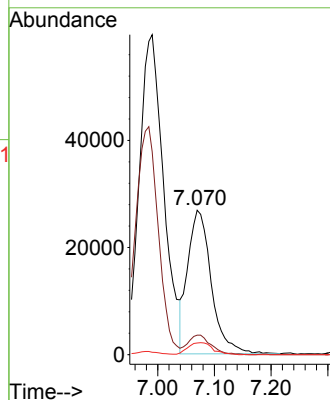
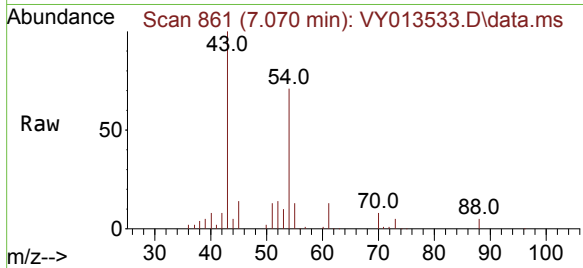




#37
Ethyl Acetate
Concen: 21.247 ug/l
RT: 7.070 min Scan# 801
Delta R.T. 0.001 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

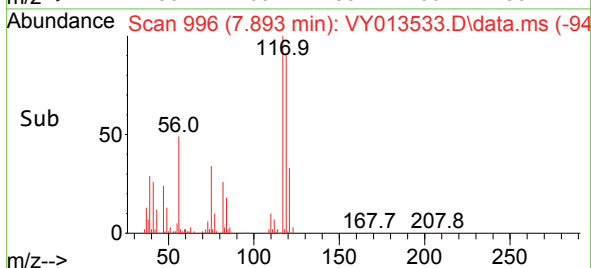
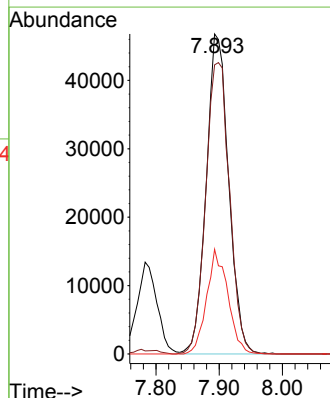
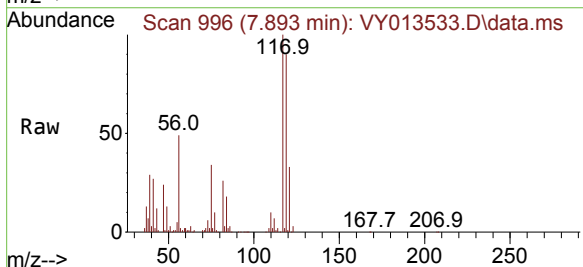
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

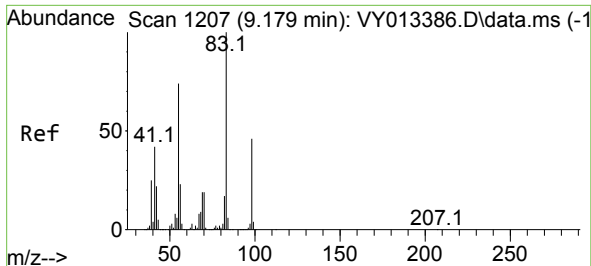
Tgt Ion: 43 Resp: 77475
Ion Ratio Lower Upper
43 100
61 13.4 11.4 17.0
70 8.7 7.9 11.9



#38
Carbon Tetrachloride
Concen: 22.792 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 117 Resp: 115753
Ion Ratio Lower Upper
117 100
119 90.4 79.0 118.6
121 32.7 26.6 40.0





#39

Methylcyclohexane

Concen: 20.728 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

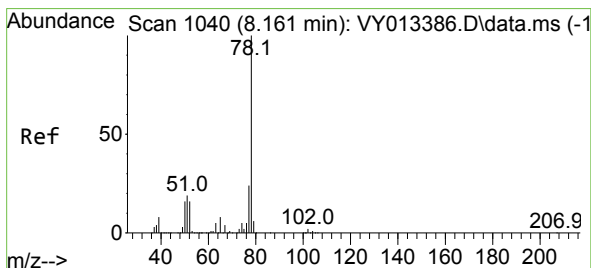
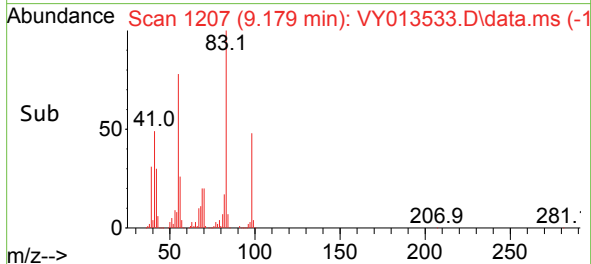
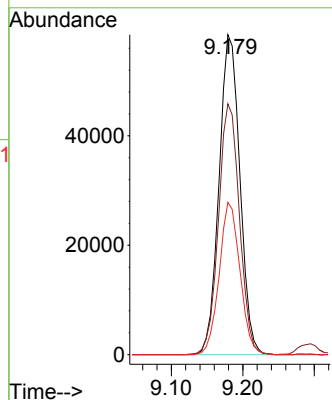
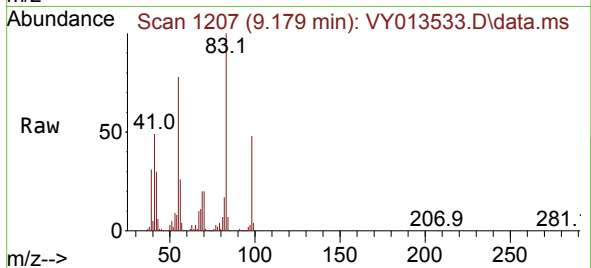
Tgt Ion: 83 Resp: 118406

Ion Ratio Lower Upper

83 100

55 78.4 59.0 88.4

98 47.6 37.0 55.4



#40

Benzene

Concen: 21.794 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013533.D

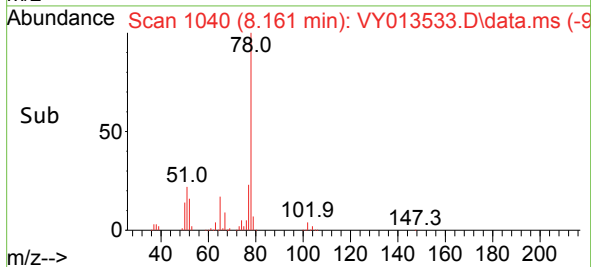
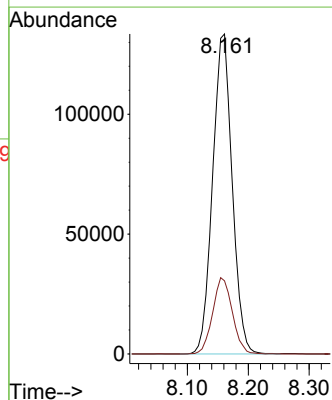
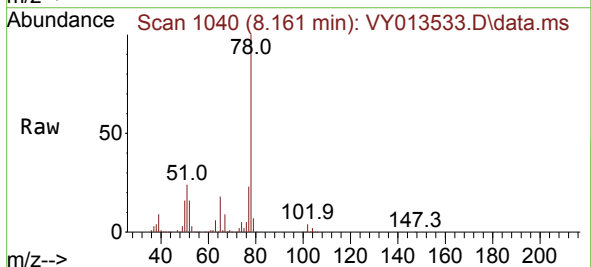
Acq: 01 May 2023 12:38

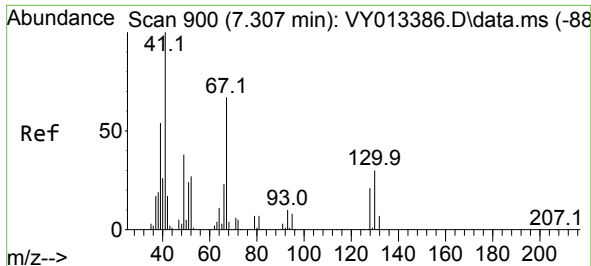
Tgt Ion: 78 Resp: 297483

Ion Ratio Lower Upper

78 100

77 22.8 19.2 28.8

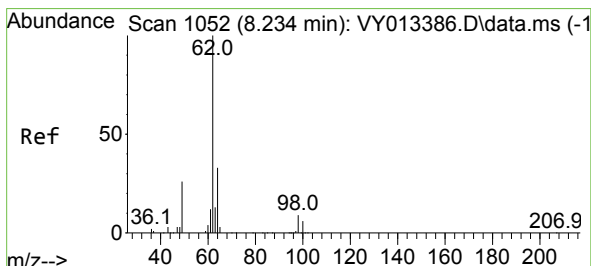
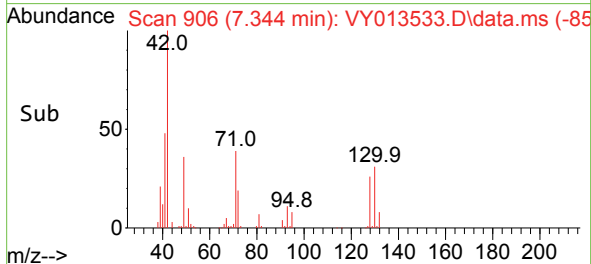
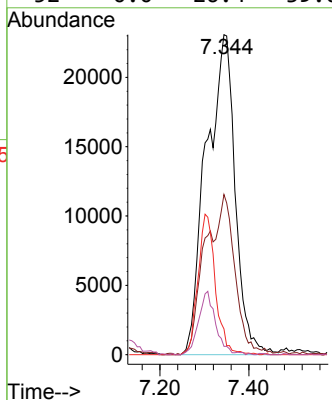
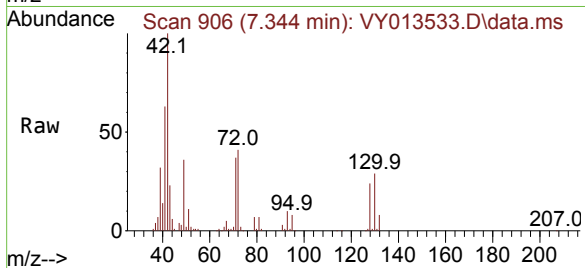




#41
Methacrylonitrile
Concen: 61.150 ug/l
RT: 7.344 min Scan# 900
Delta R.T. 0.037 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

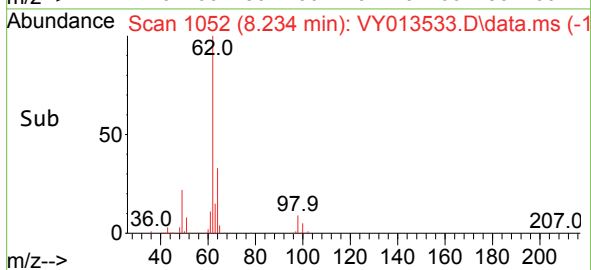
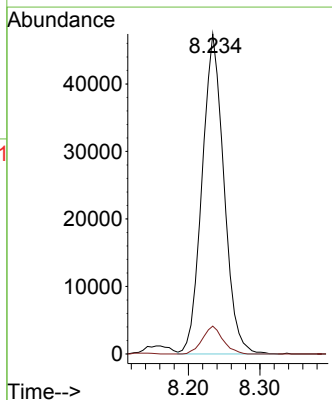
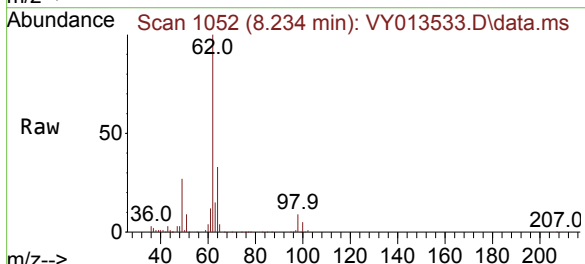
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

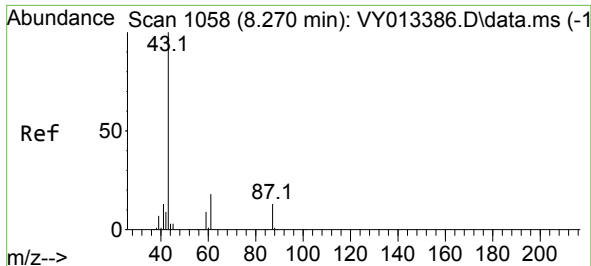
Tgt Ion: 41 Resp: 103909
Ion Ratio Lower Upper
41 100
39 28.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 22.564 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 62 Resp: 100689
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.8

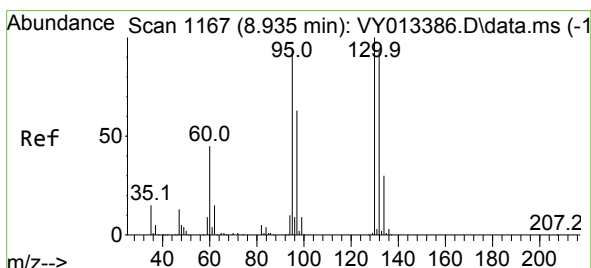
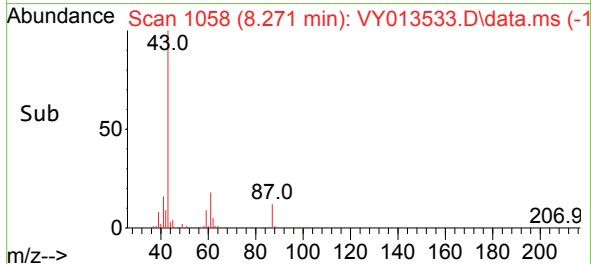
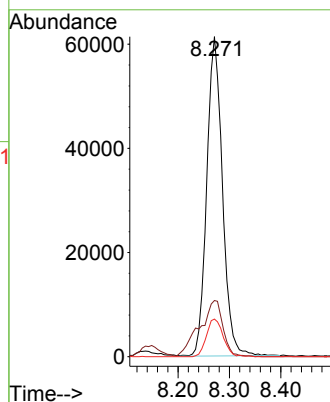
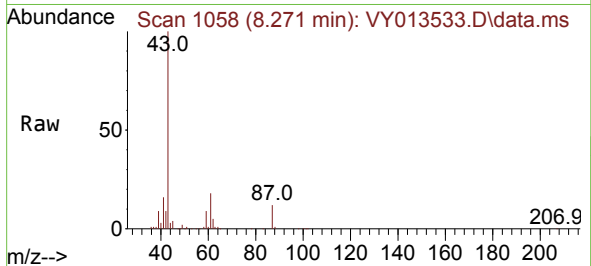




#43
Isopropyl Acetate
Concen: 21.098 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

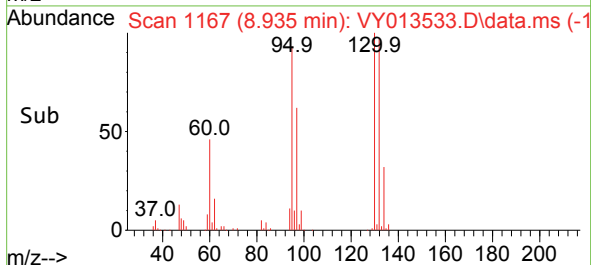
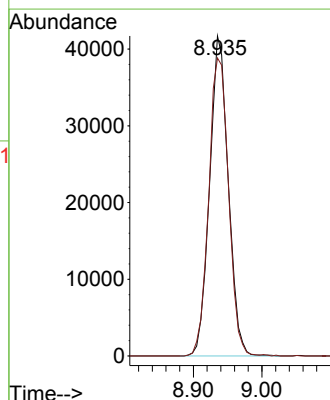
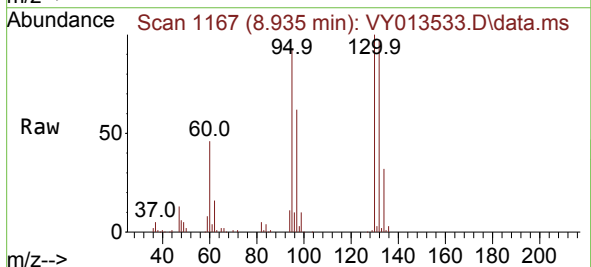
Instrument : MSVOA_Y
ClientSampleId : VY0501SBS01

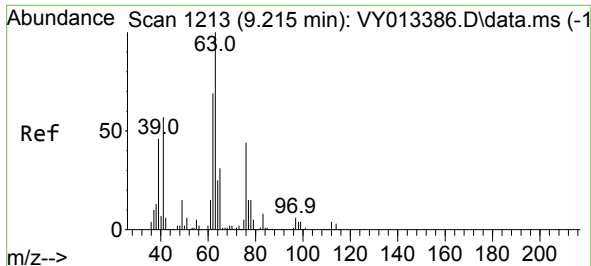
Tgt Ion: 43 Resp: 129854
Ion Ratio Lower Upper
43 100
61 26.3 22.2 33.4
87 12.7 11.0 16.6



#44
Trichloroethene
Concen: 21.798 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion:130 Resp: 79143
Ion Ratio Lower Upper
130 100
95 93.1 0.0 188.8





#45

1,2-Dichloropropane

Concen: 21.724 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

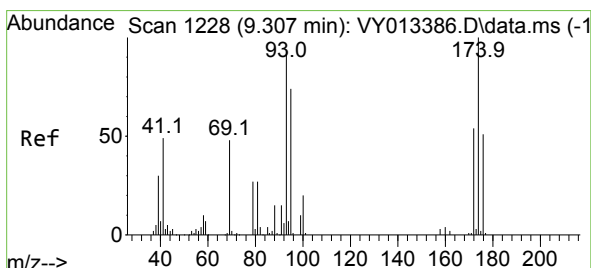
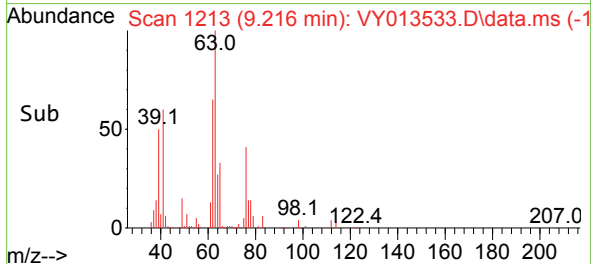
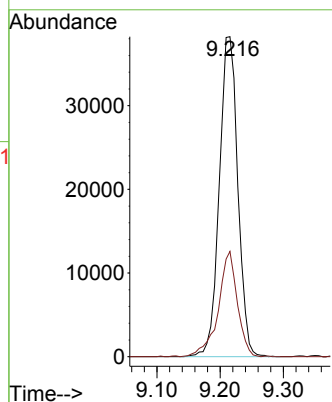
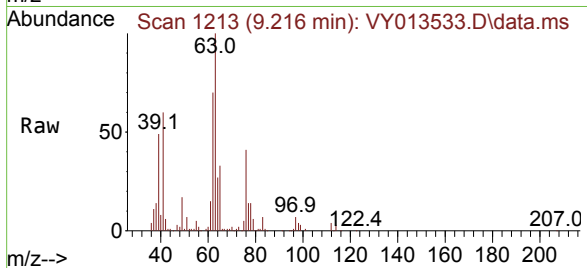
VY0501SBS01

Tgt Ion: 63 Resp: 77530

Ion Ratio Lower Upper

63 100

65 32.9 24.6 37.0



#46

Dibromomethane

Concen: 21.500 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

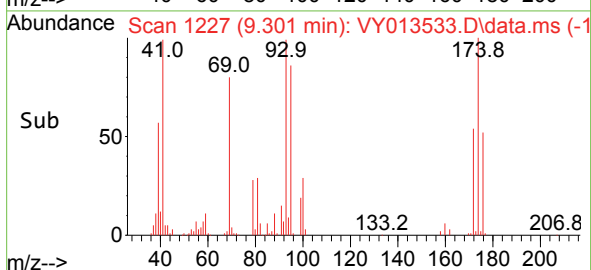
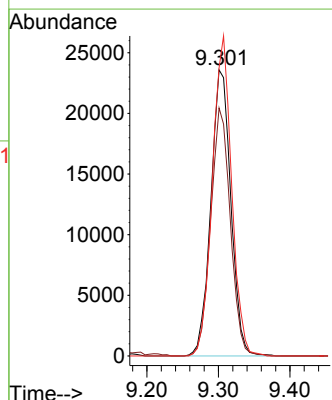
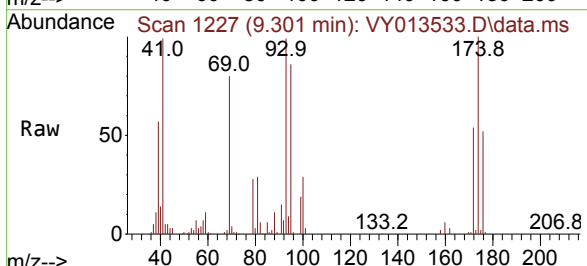
Tgt Ion: 93 Resp: 45910

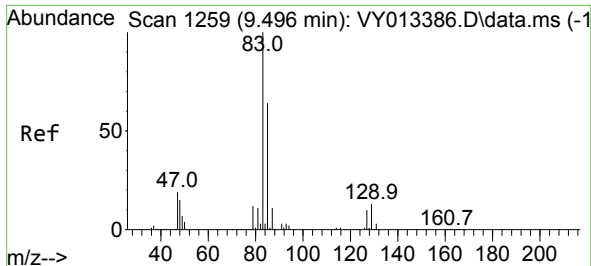
Ion Ratio Lower Upper

93 100

95 85.0 67.1 100.7

174 107.4 87.0 130.4

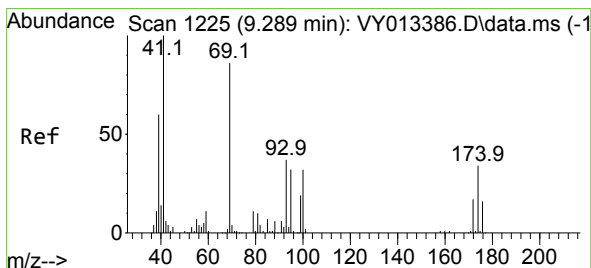
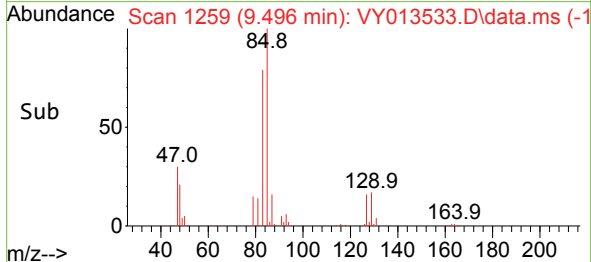
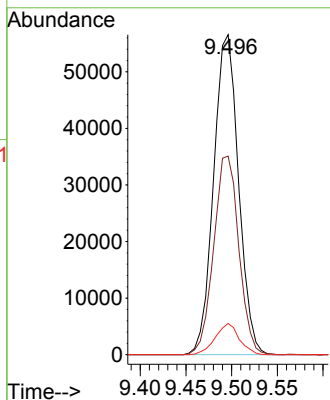
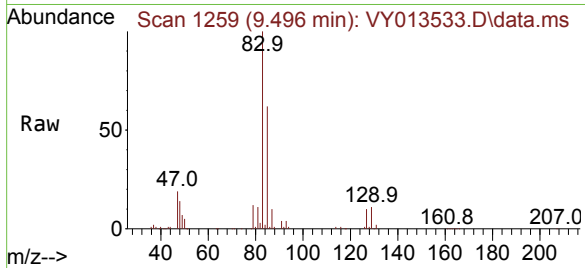




#47
Bromodichloromethane
Concen: 22.444 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

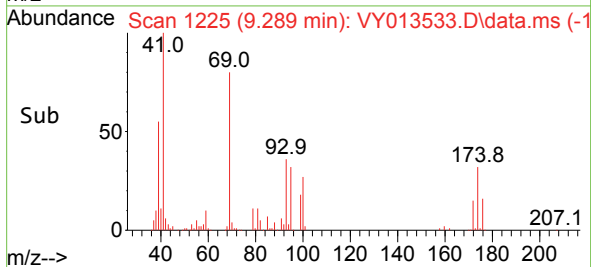
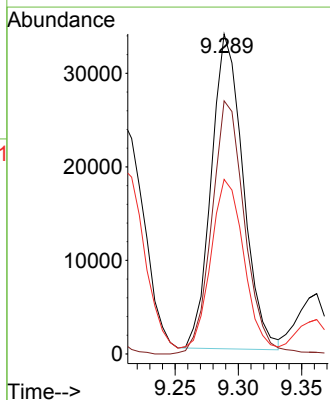
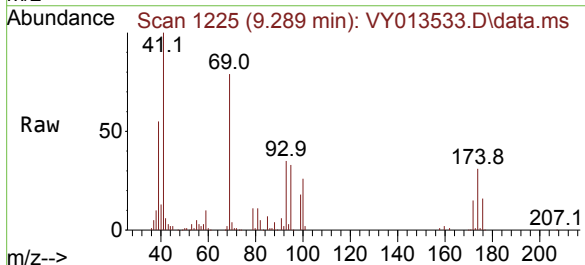
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

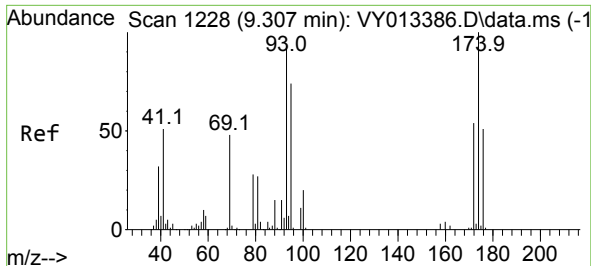
Tgt Ion: 83 Resp: 107243
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.2
127 9.7 8.1 12.1



#48
Methyl methacrylate
Concen: 20.808 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 41 Resp: 58818
Ion Ratio Lower Upper
41 100
69 83.5 70.2 105.4
39 55.3 47.9 71.9

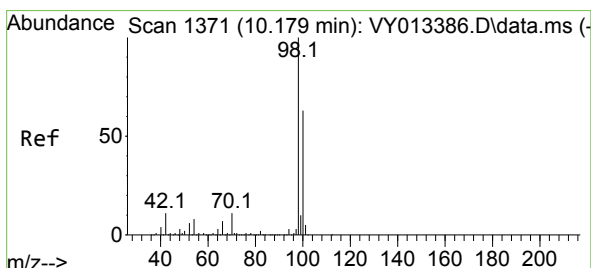
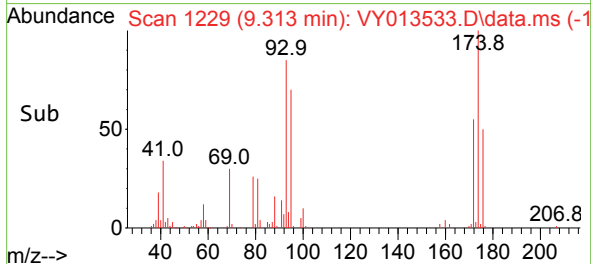
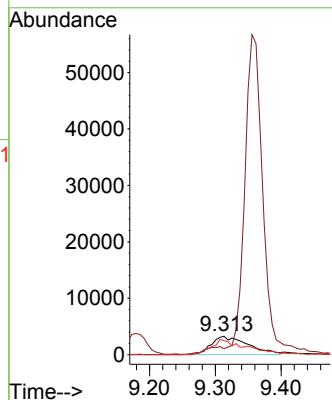
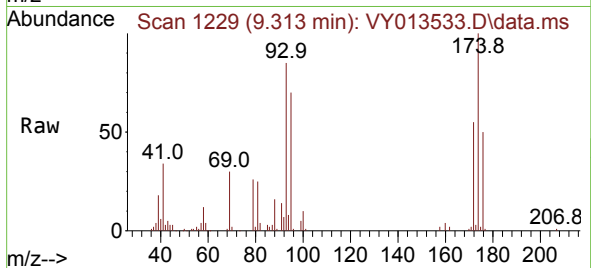




#49
1,4-Dioxane
Concen: 418.786 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

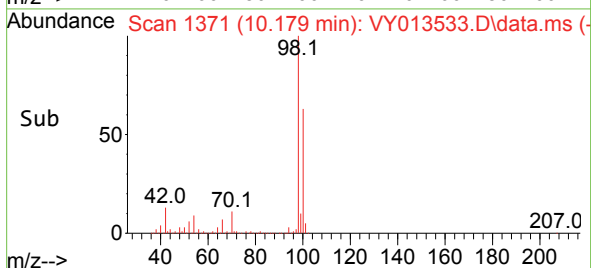
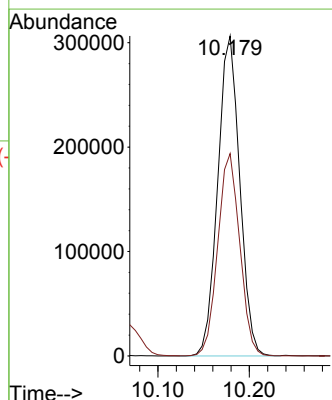
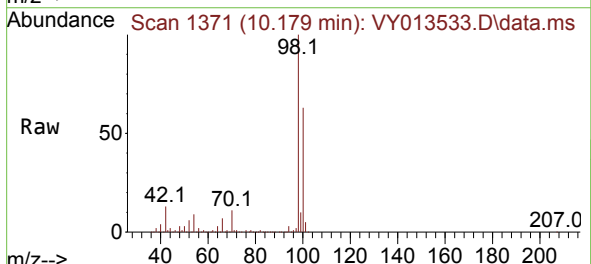
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

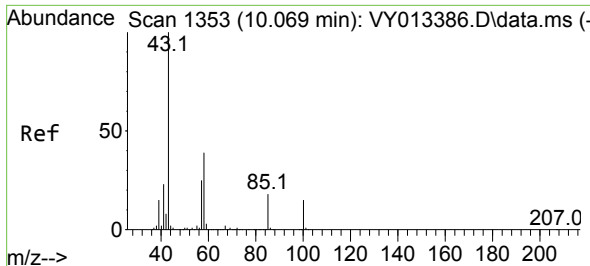
Tgt Ion: 88 Resp: 12772
Ion Ratio Lower Upper
88 100
43 0.0 16.8 25.2#
58 79.8 54.3 81.5



#50
Toluene-d8
Concen: 49.337 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 98 Resp: 512440
Ion Ratio Lower Upper
98 100
100 63.2 50.5 75.7

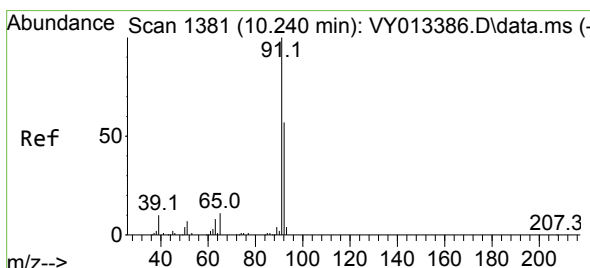
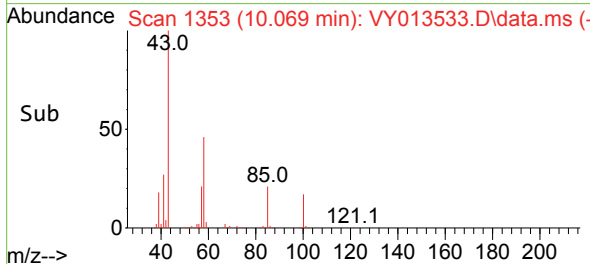
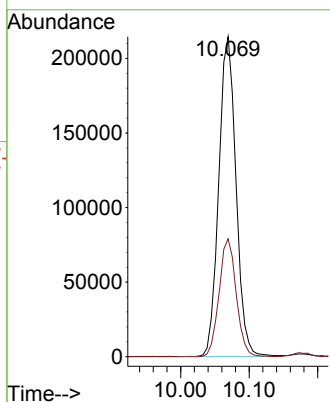
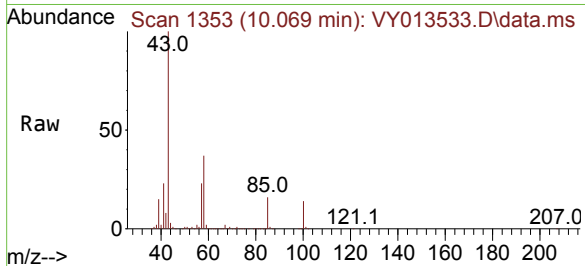




#51
4-Methyl-2-Pentanone
Concen: 108.967 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

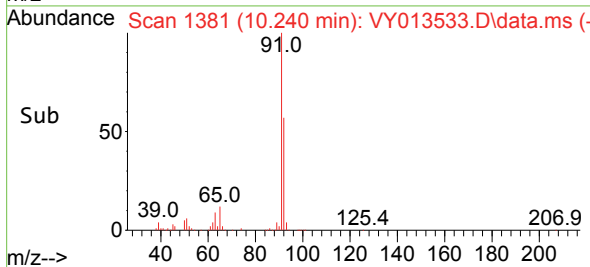
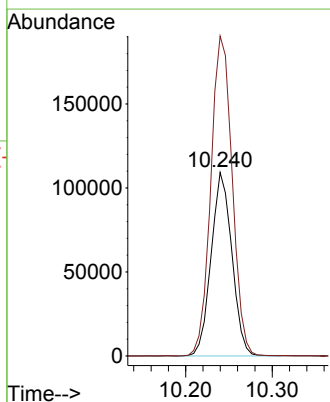
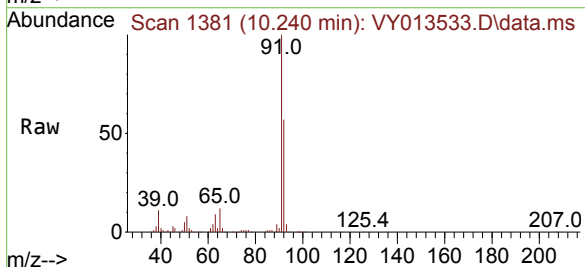
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

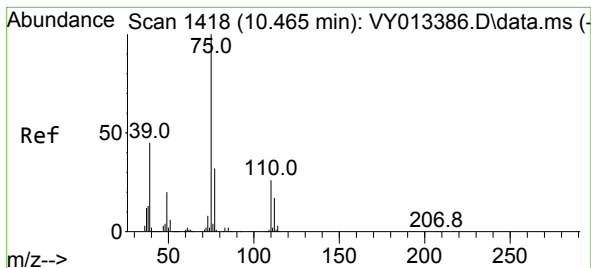
Tgt Ion: 43 Resp: 373732
Ion Ratio Lower Upper
43 100
58 36.6 30.6 46.0



#52
Toluene
Concen: 22.148 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 92 Resp: 181918
Ion Ratio Lower Upper
92 100
91 179.7 140.2 210.4

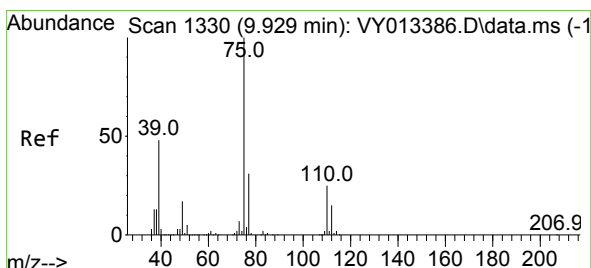
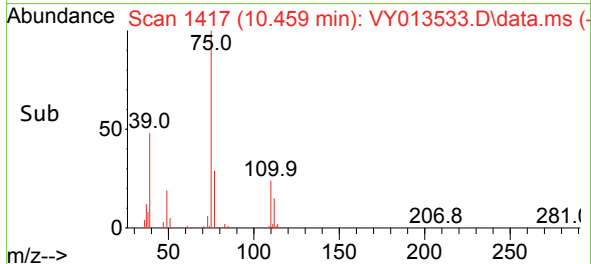
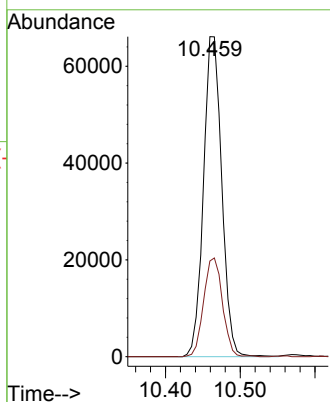
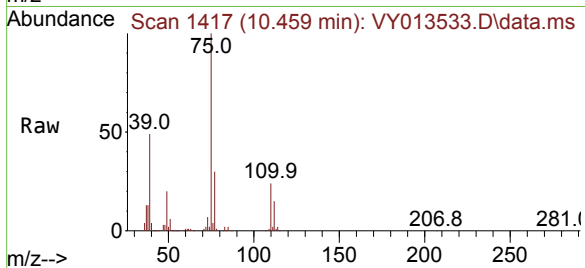




#53
 t-1,3-Dichloropropene
 Concen: 22.210 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.006 min
 Lab File: VY013533.D
 Acq: 01 May 2023 12:38

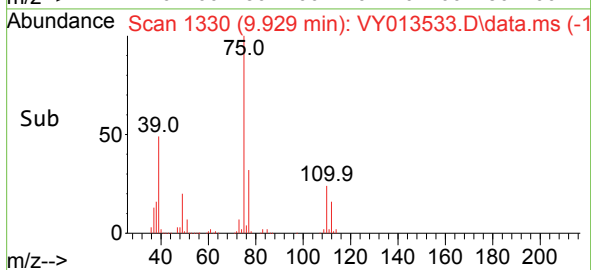
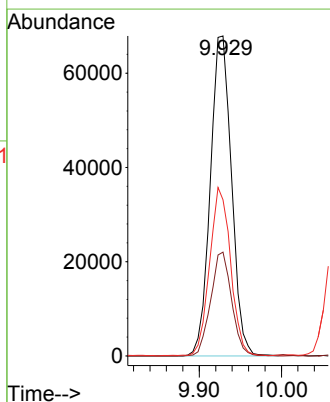
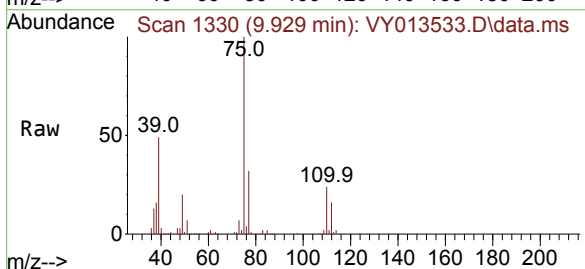
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

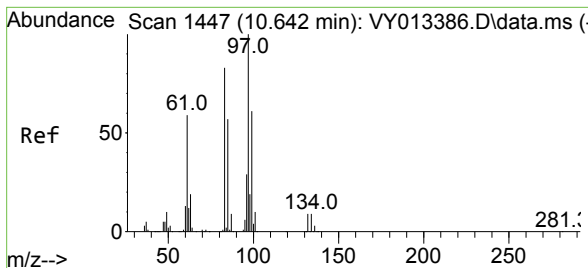
Tgt Ion: 75 Resp: 112316
 Ion Ratio Lower Upper
 75 100
 77 29.9 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.399 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013533.D
 Acq: 01 May 2023 12:38

Tgt Ion: 75 Resp: 121763
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.8 37.2
 39 48.7 38.1 57.1

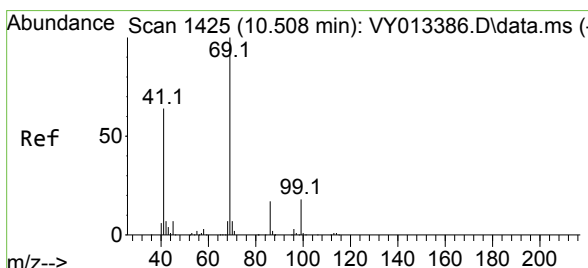
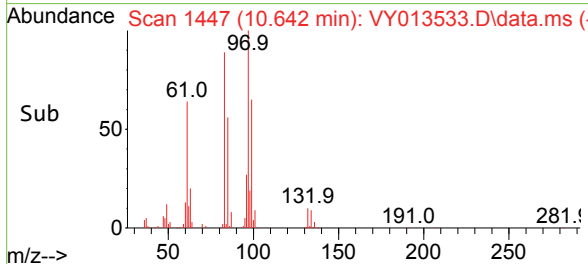
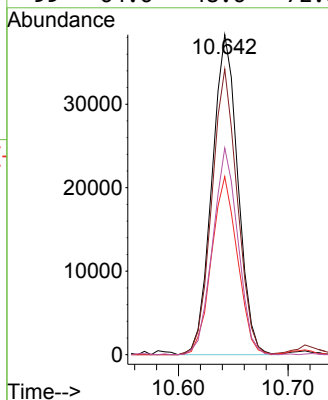
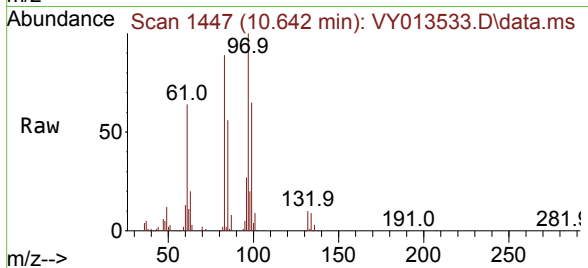




#55
1,1,2-Trichloroethane
Concen: 22.272 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

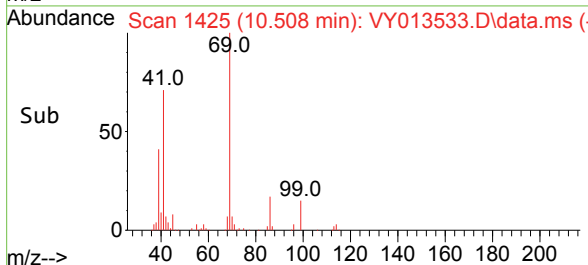
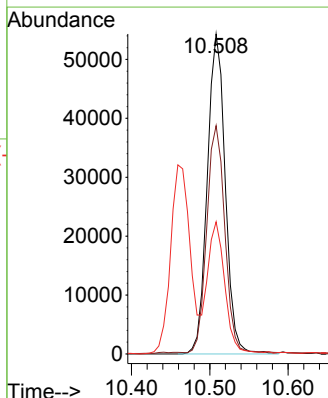
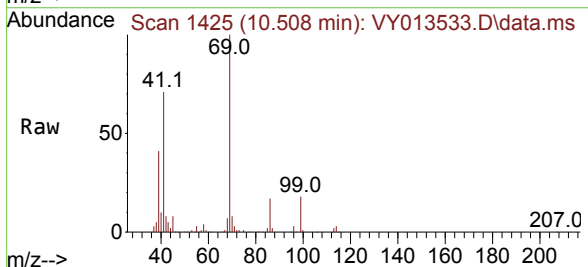
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

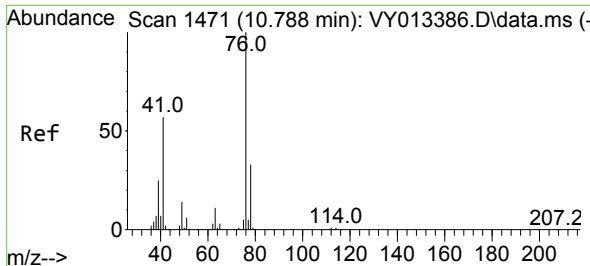
Tgt Ion: 97	Resp: 62983
Ion Ratio	Lower Upper
97 100	
83 89.2	66.4 99.6
85 55.7	45.6 68.4
99 64.6	48.6 72.8



#56
Ethyl methacrylate
Concen: 22.077 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 69	Resp: 86615
Ion Ratio	Lower Upper
69 100	
41 71.5	51.4 77.0
39 38.3	29.0 43.6





#57

1,3-Dichloropropane

Concen: 22.284 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

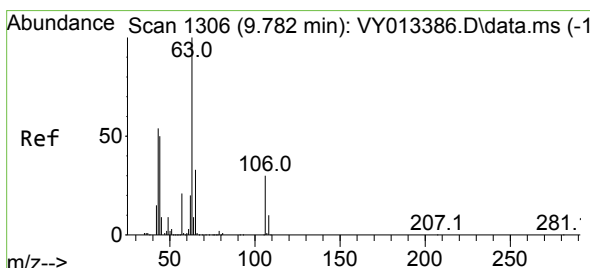
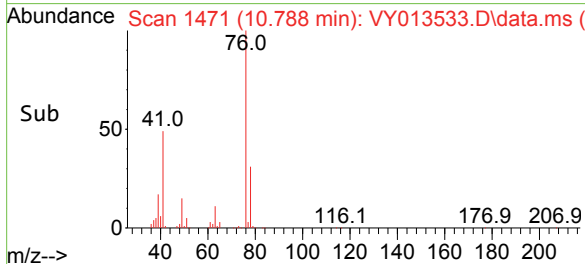
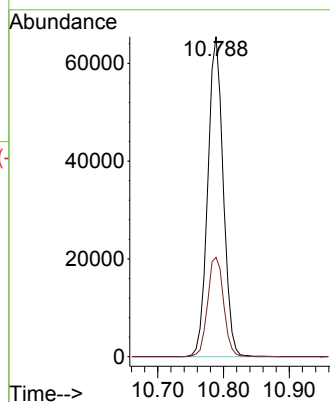
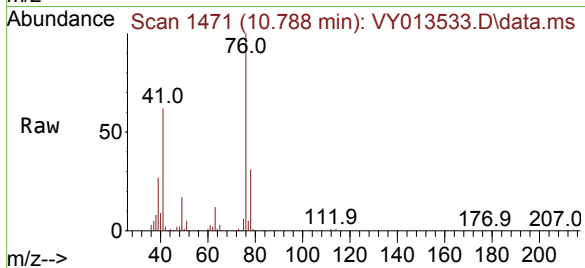
VY0501SBS01

Tgt Ion: 76 Resp: 106724

Ion Ratio Lower Upper

76 100

78 32.3 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 115.855 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013533.D

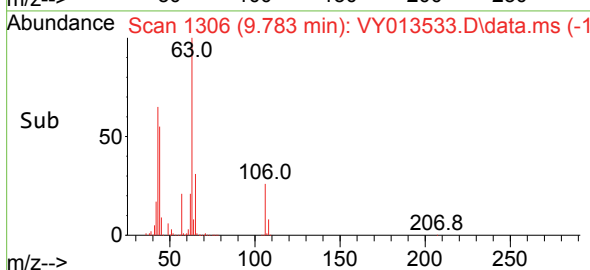
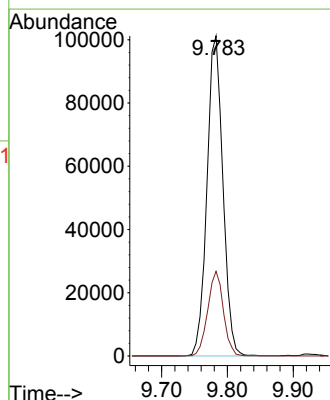
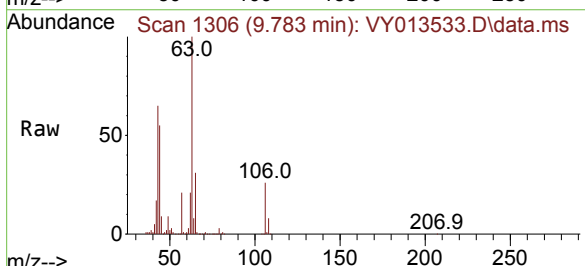
Acq: 01 May 2023 12:38

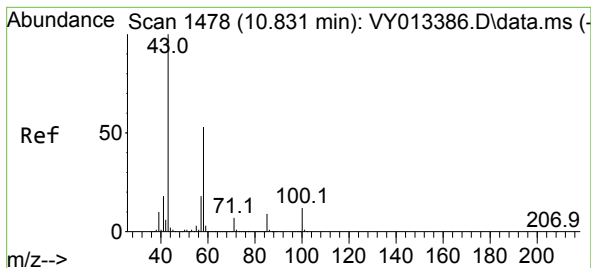
Tgt Ion: 63 Resp: 170440

Ion Ratio Lower Upper

63 100

106 26.1 23.5 35.3

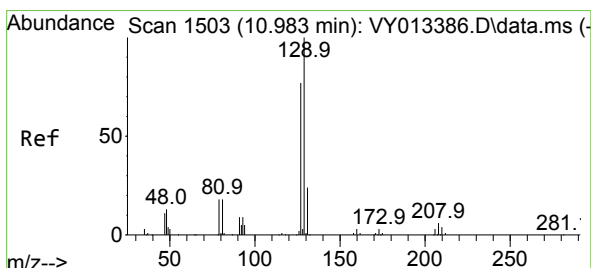
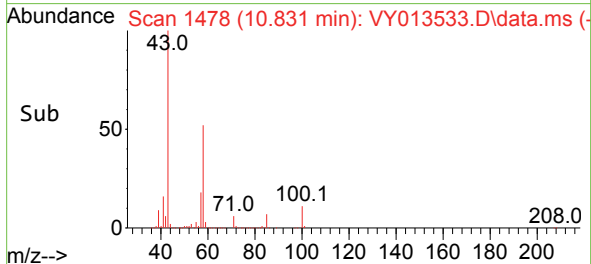
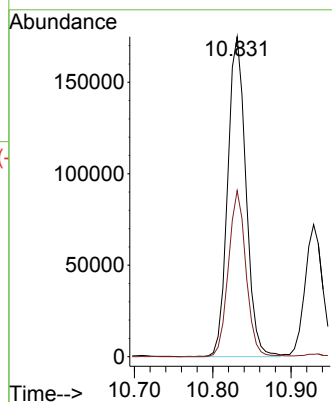
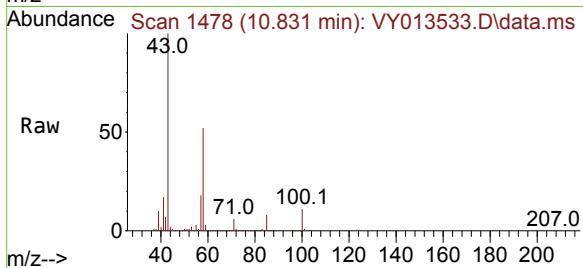




#59
2-Hexanone
Concen: 113.457 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

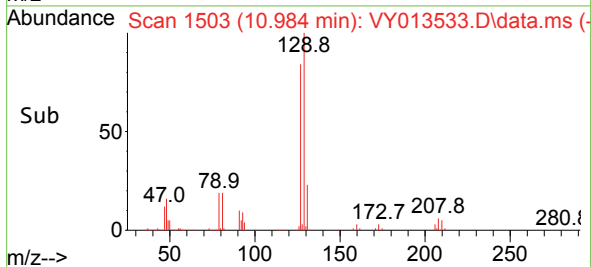
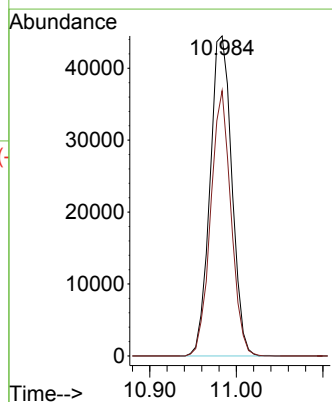
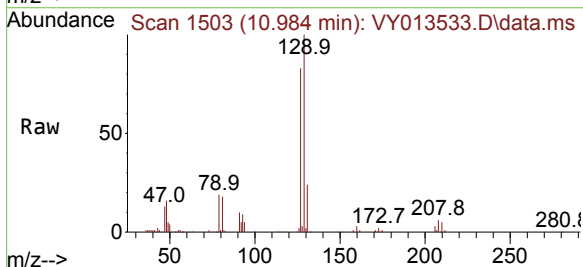
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

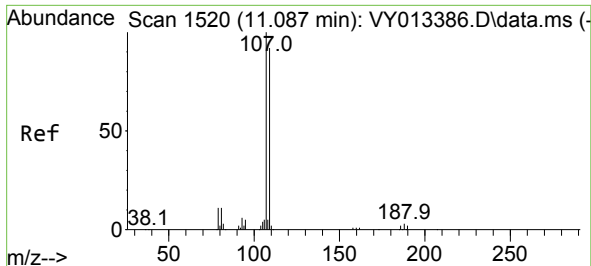
Tgt Ion: 43 Resp: 282867
Ion Ratio Lower Upper
43 100
58 50.0 26.3 78.8



#60
Dibromochloromethane
Concen: 22.694 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 129 Resp: 77924
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

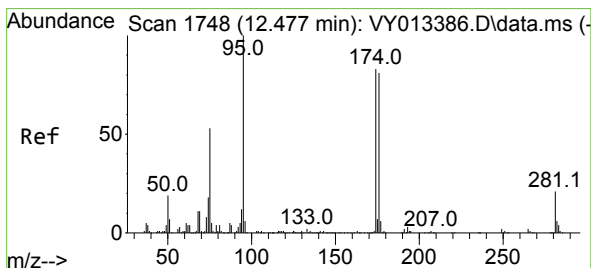
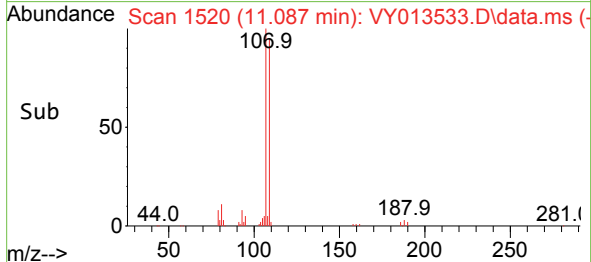
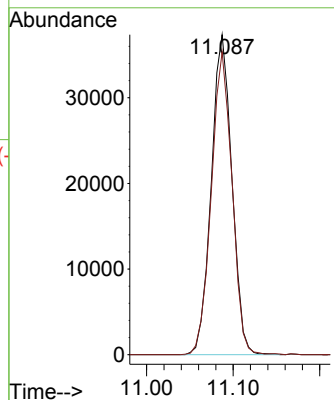
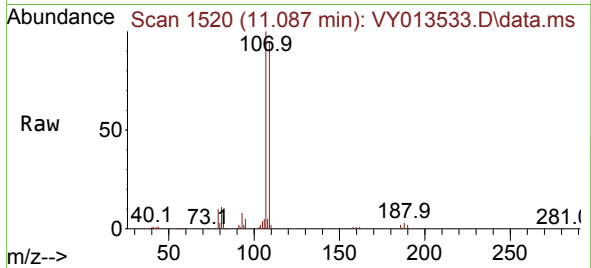




#61
1,2-Dibromoethane
Concen: 22.224 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

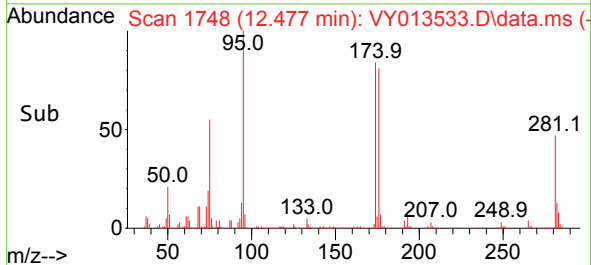
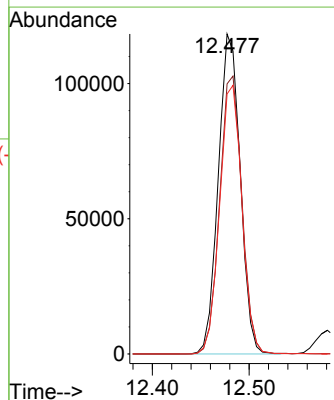
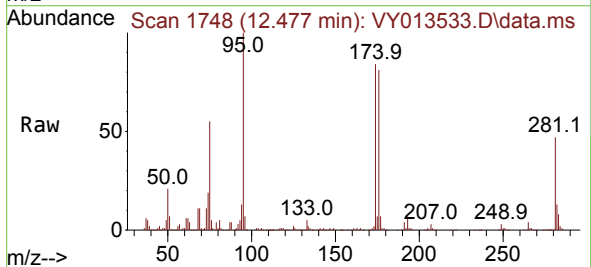
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

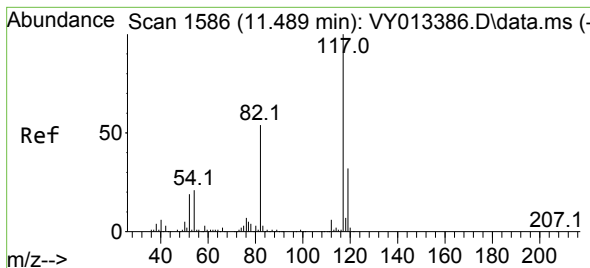
Tgt Ion:107 Resp: 61788
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.146 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 95 Resp: 186094
Ion Ratio Lower Upper
95 100
174 88.2 0.0 182.0
176 85.5 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

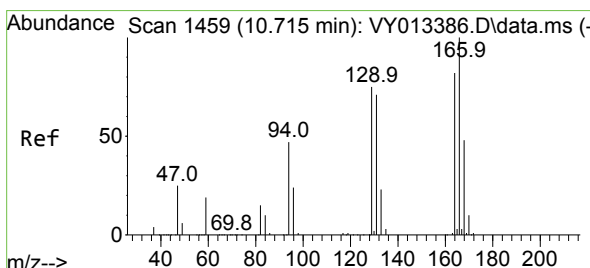
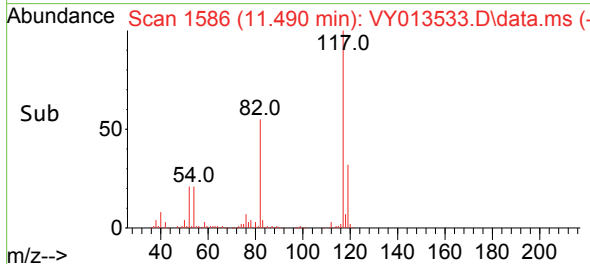
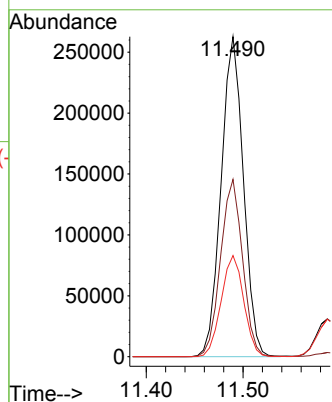
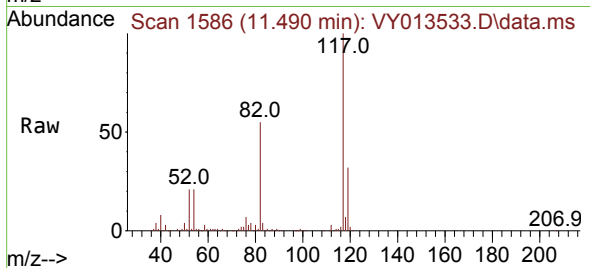
Tgt Ion:117 Resp: 419450

Ion Ratio Lower Upper

117 100

82 55.4 43.0 64.6

119 31.6 25.5 38.3



#64

Tetrachloroethene

Concen: 22.483 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Tgt Ion:164 Resp: 71710

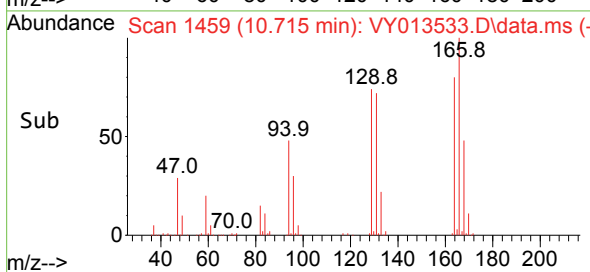
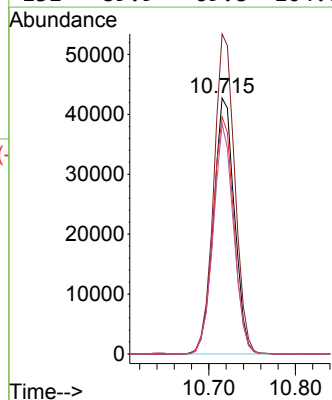
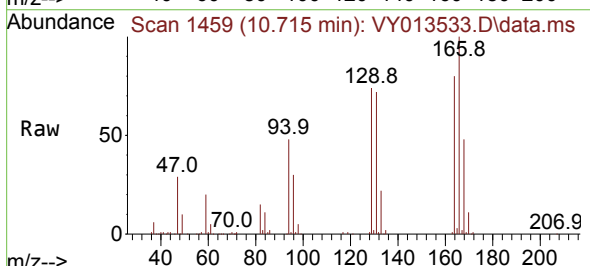
Ion Ratio Lower Upper

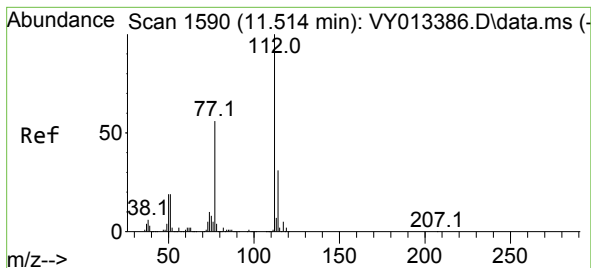
164 100

166 125.1 97.5 146.3

129 92.7 72.6 109.0

131 89.9 69.8 104.6





#65

Chlorobenzene

Concen: 21.397 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

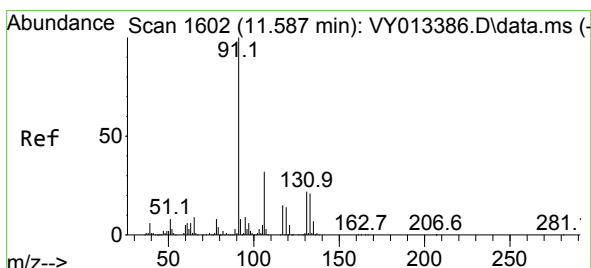
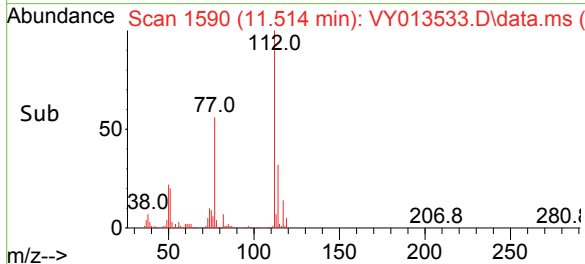
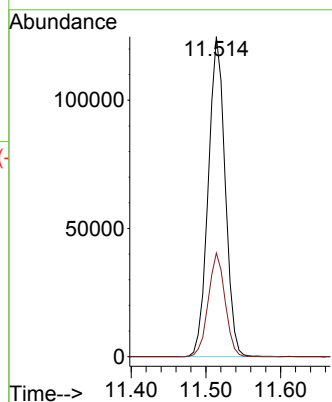
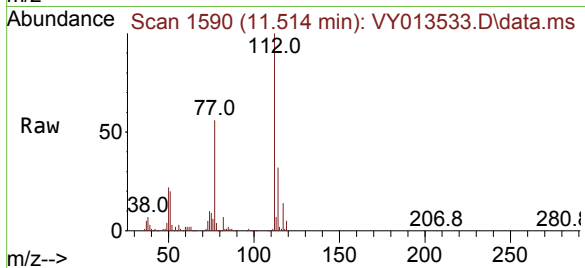
VY0501SBS01

Tgt Ion:112 Resp: 195511

Ion Ratio Lower Upper

112 100

114 32.4 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 22.171 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

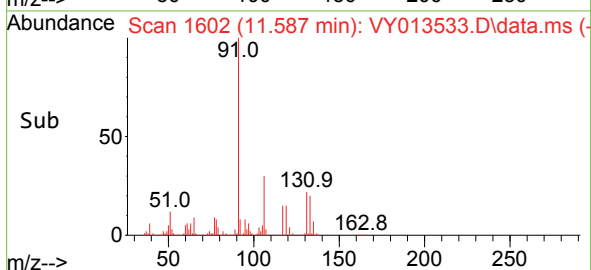
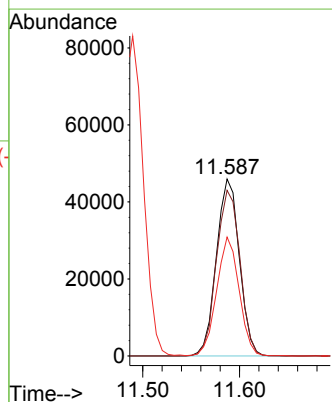
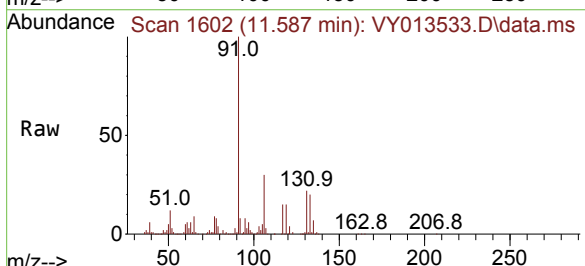
Tgt Ion:131 Resp: 75763

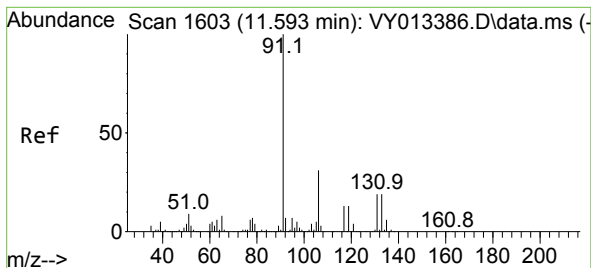
Ion Ratio Lower Upper

131 100

133 96.0 47.7 143.1

119 65.9 32.6 98.0





#67

Ethyl Benzene

Concen: 21.874 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

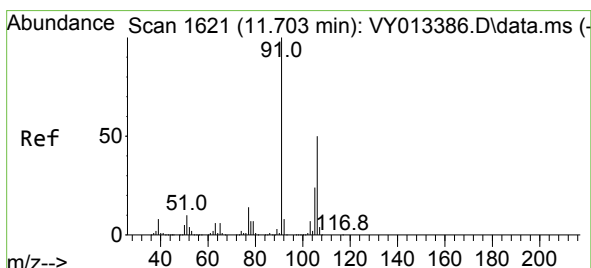
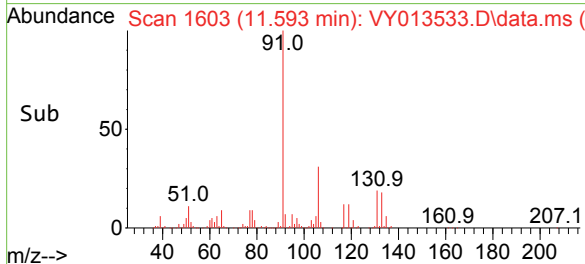
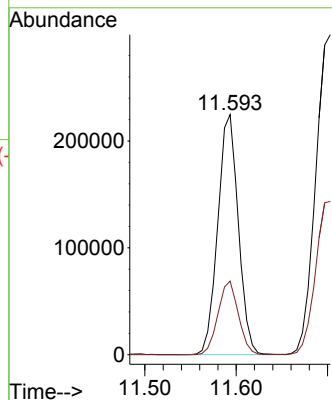
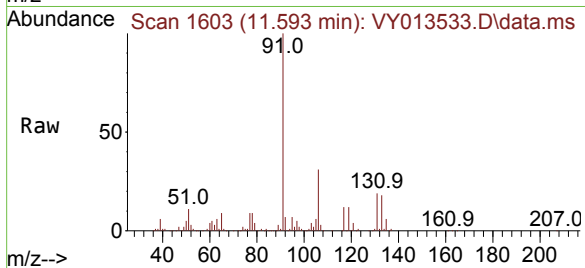
VY0501SBS01

Tgt Ion: 91 Resp: 350966

Ion Ratio Lower Upper

91 100

106 30.7 25.1 37.7



#68

m/p-Xylenes

Concen: 44.511 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013533.D

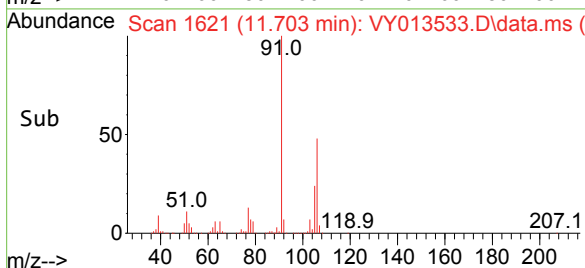
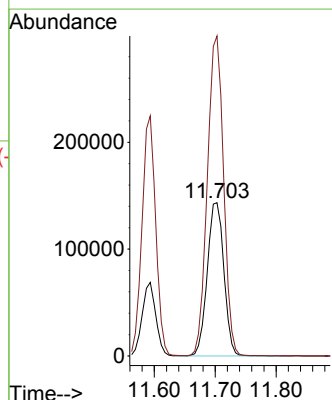
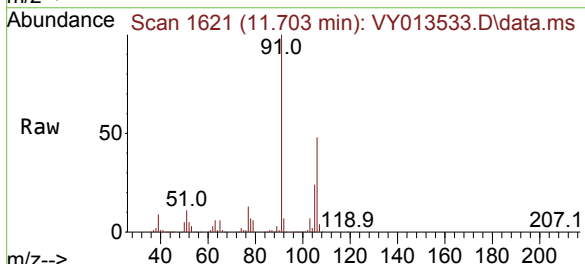
Acq: 01 May 2023 12:38

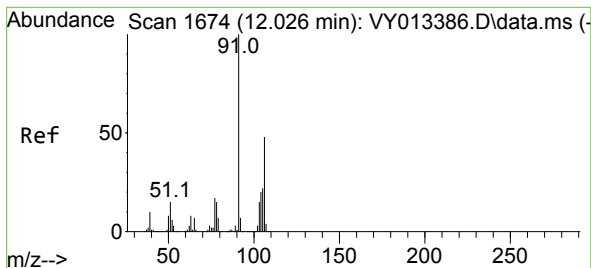
Tgt Ion:106 Resp: 271498

Ion Ratio Lower Upper

106 100

91 204.4 160.9 241.3





#69

o-Xylene

Concen: 21.809 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

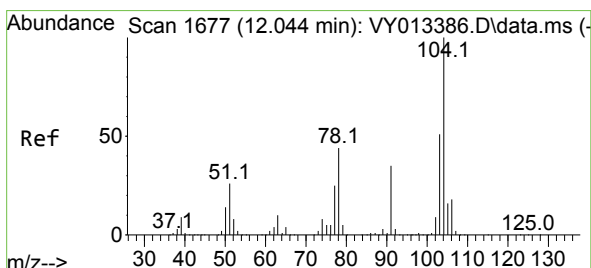
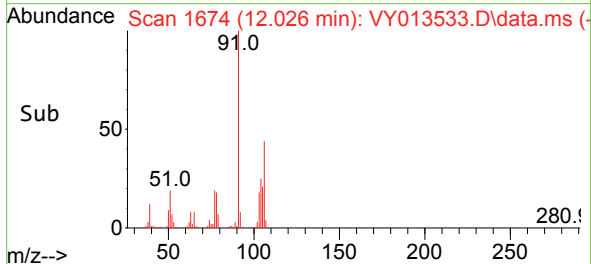
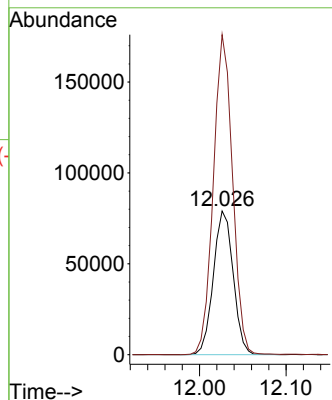
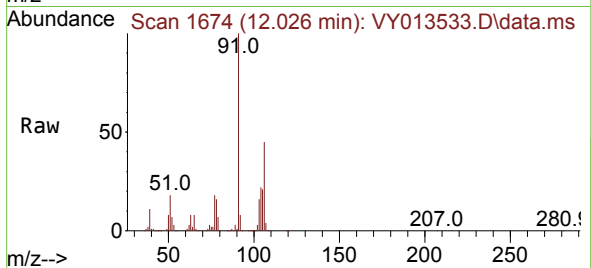
VY0501SBS01

Tgt Ion:106 Resp: 125806

Ion Ratio Lower Upper

106 100

91 215.6 105.5 316.4



#70

Styrene

Concen: 22.245 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

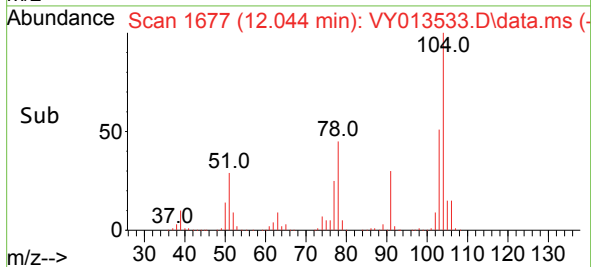
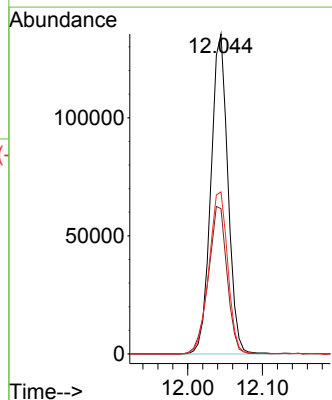
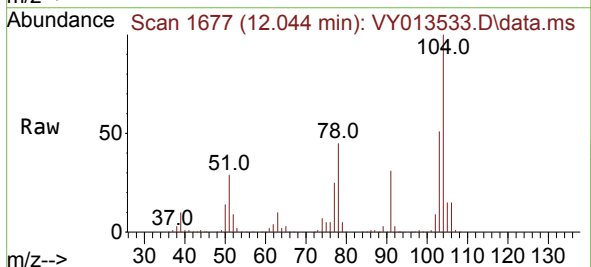
Tgt Ion:104 Resp: 214556

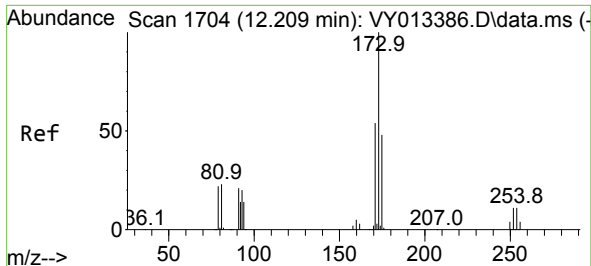
Ion Ratio Lower Upper

104 100

78 50.9 40.3 60.5

103 56.3 45.0 67.4

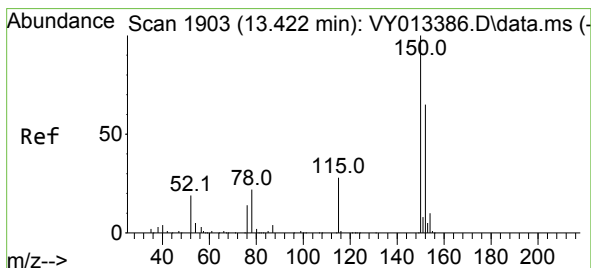
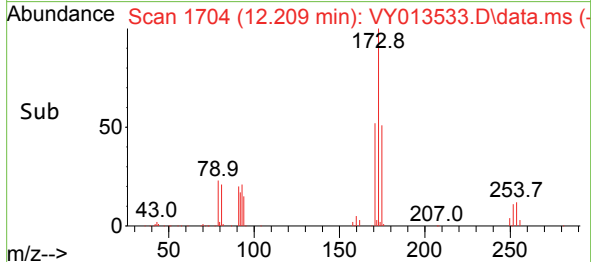
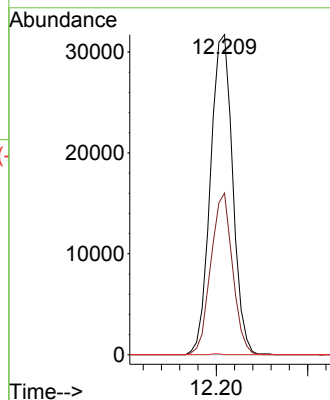
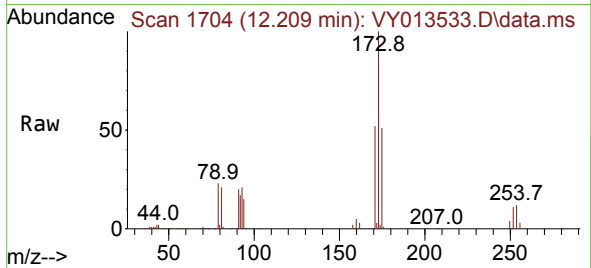




#71
Bromoform
Concen: 22.352 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

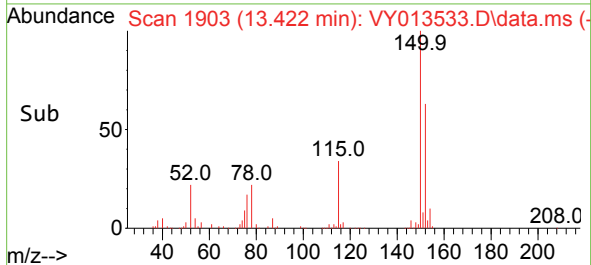
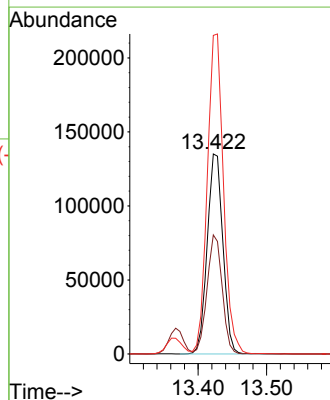
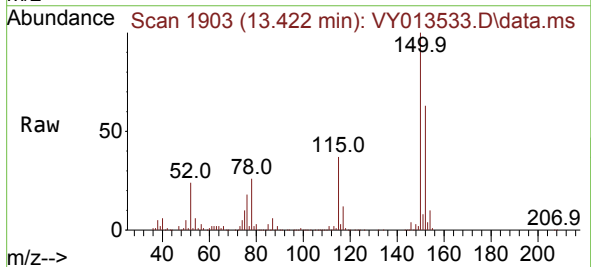
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

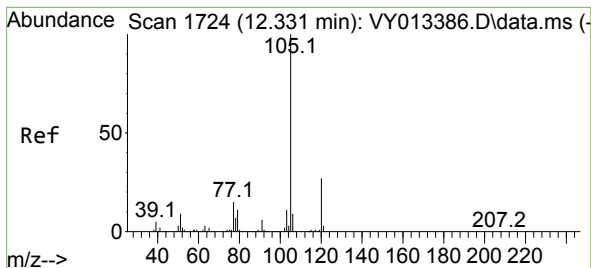
Tgt Ion:173 Resp: 53502
Ion Ratio Lower Upper
173 100
175 49.3 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion:152 Resp: 215527
Ion Ratio Lower Upper
152 100
115 57.3 28.1 84.2
150 165.0 0.0 352.0





#73

Isopropylbenzene

Concen: 20.545 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

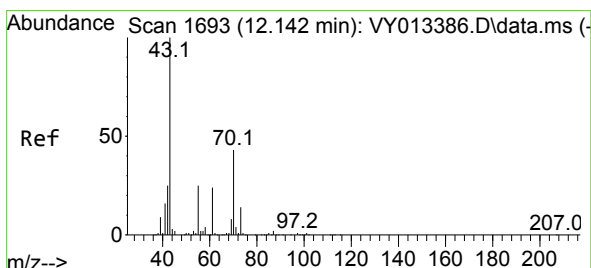
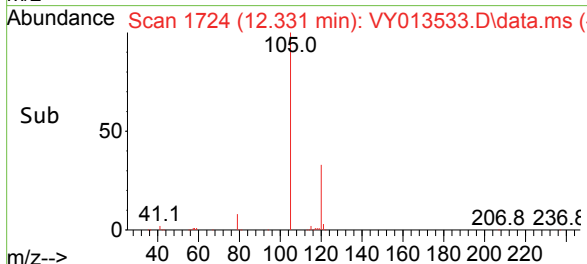
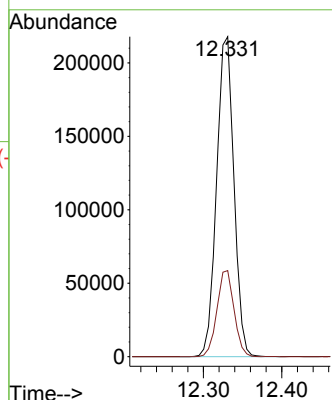
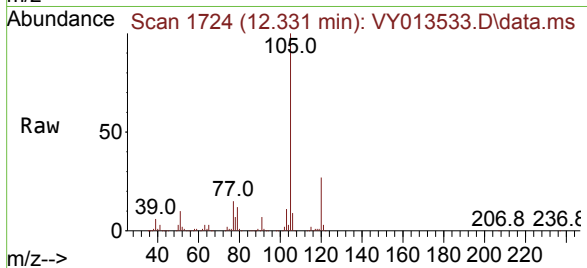
VY0501SBS01

Tgt Ion:105 Resp: 334918

Ion Ratio Lower Upper

105 100

120 26.6 13.7 41.0



#74

N-ethyl acetate

Concen: 20.230 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Tgt Ion: 43 Resp: 117355

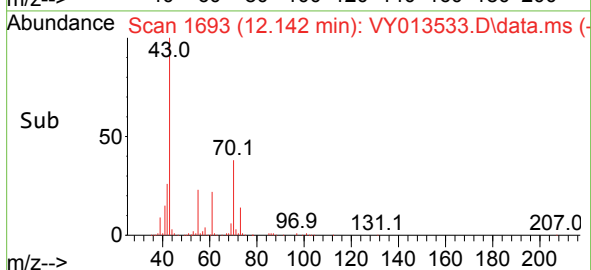
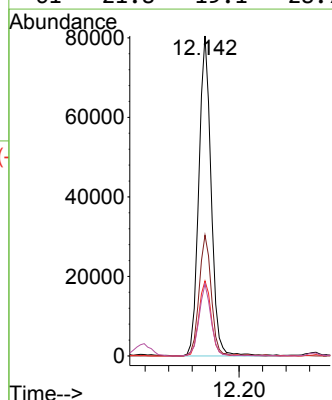
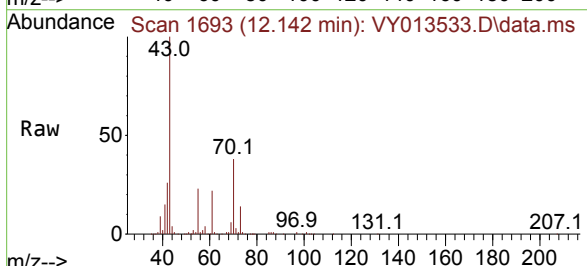
Ion Ratio Lower Upper

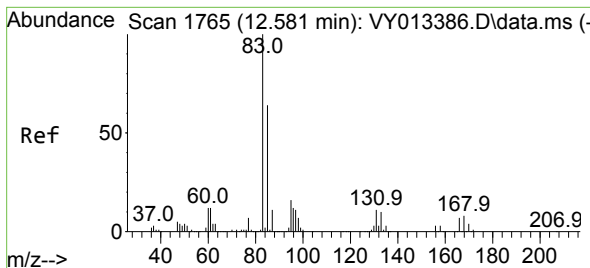
43 100

70 37.1 33.0 49.4

55 23.2 19.8 29.6

61 21.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.455 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

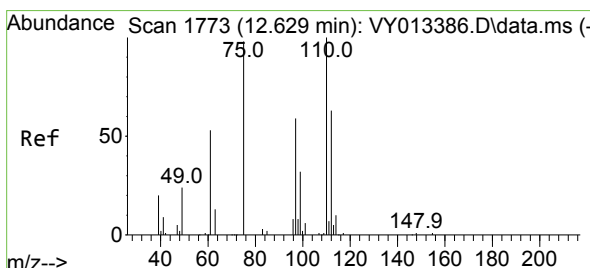
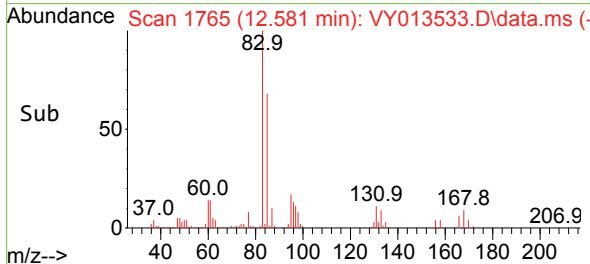
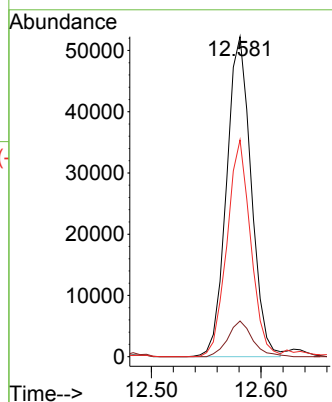
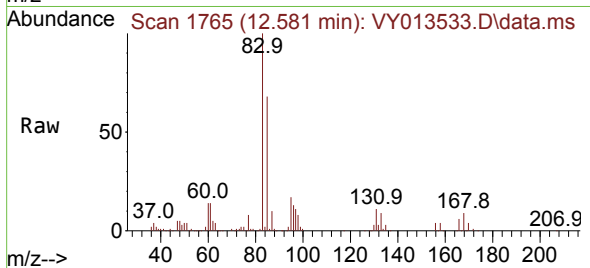
Tgt Ion: 83 Resp: 81506

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

85 65.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.134 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.001 min

Lab File: VY013533.D

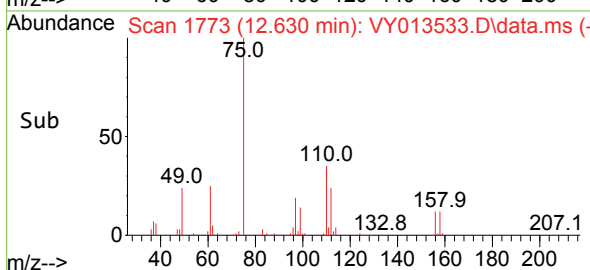
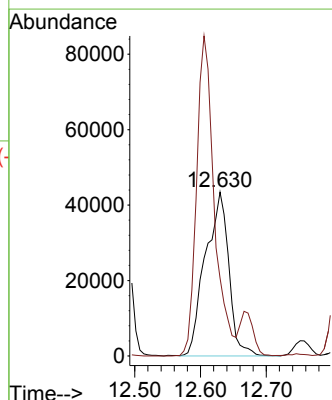
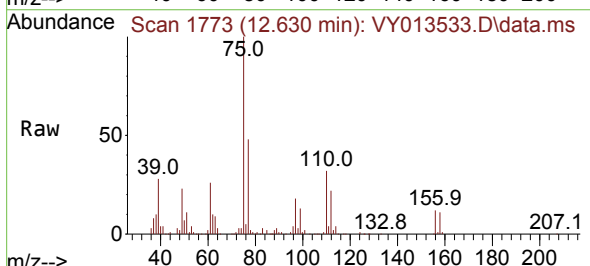
Acq: 01 May 2023 12:38

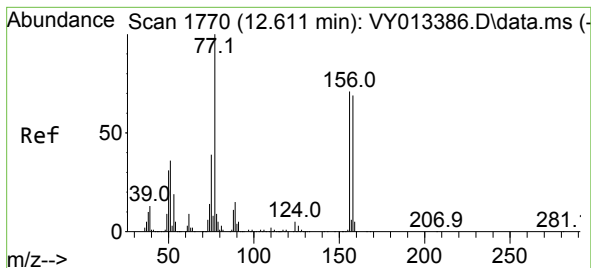
Tgt Ion: 75 Resp: 107935

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.581 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

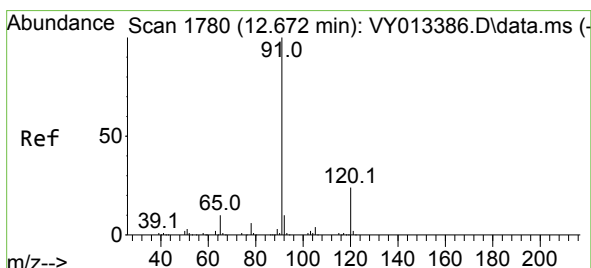
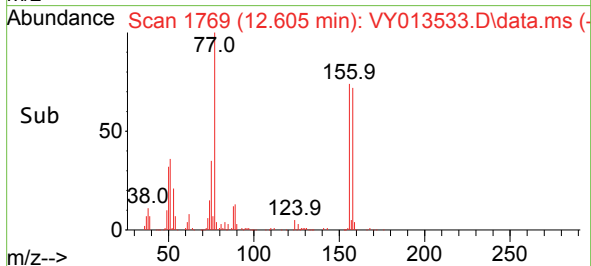
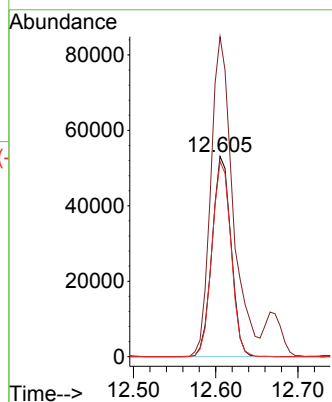
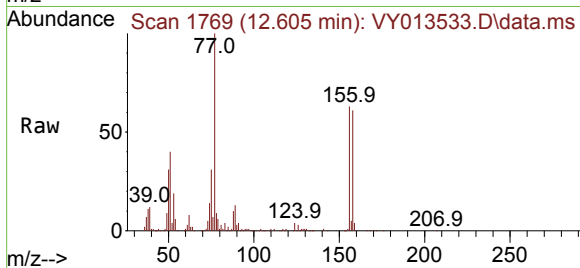
Tgt Ion:156 Resp: 85246

Ion Ratio Lower Upper

156 100

77 186.3 87.6 262.9

158 97.8 48.5 145.5



#78

n-propylbenzene

Concen: 20.880 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013533.D

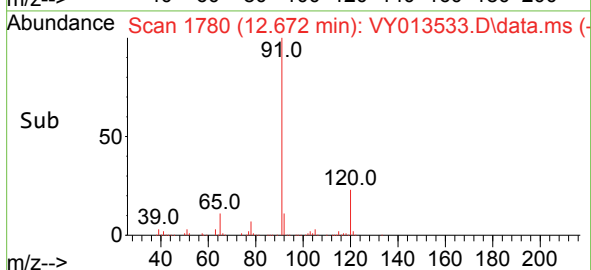
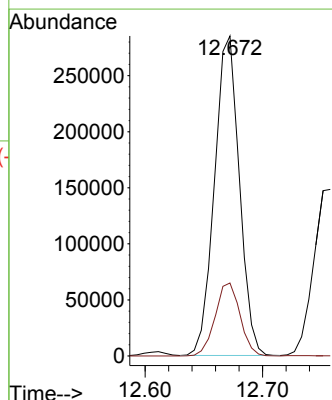
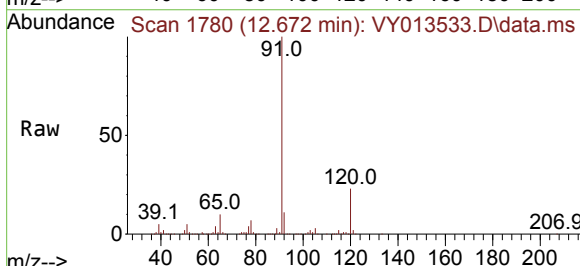
Acq: 01 May 2023 12:38

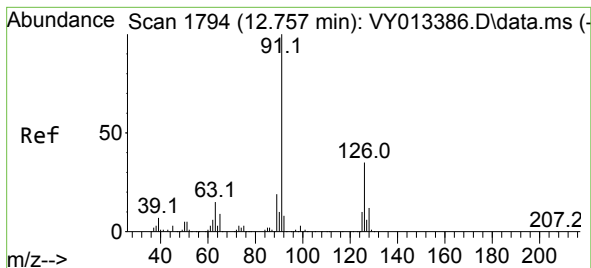
Tgt Ion: 91 Resp: 419256

Ion Ratio Lower Upper

91 100

120 22.9 11.9 35.9





#79

2-Chlorotoluene

Concen: 21.112 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

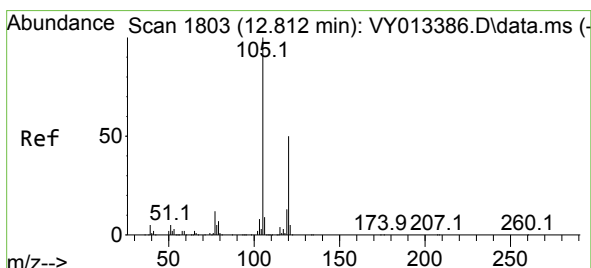
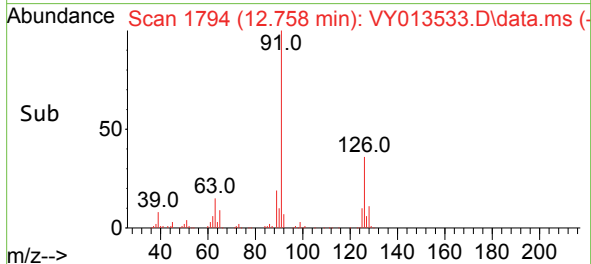
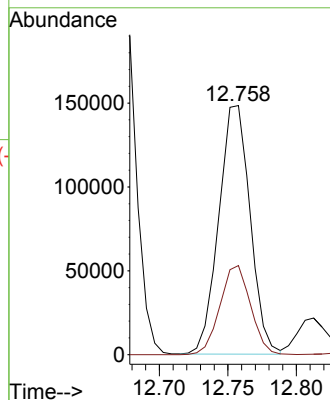
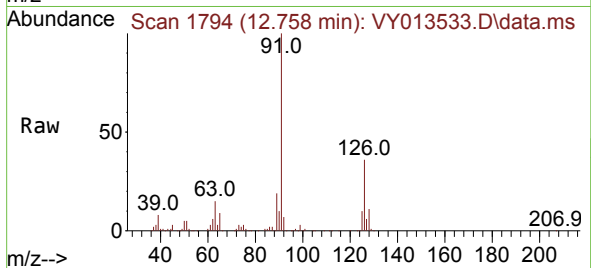
VY0501SBS01

Tgt Ion: 91 Resp: 236725

Ion Ratio Lower Upper

91 100

126 34.9 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 21.301 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.001 min

Lab File: VY013533.D

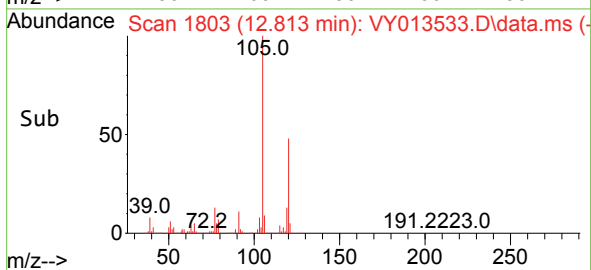
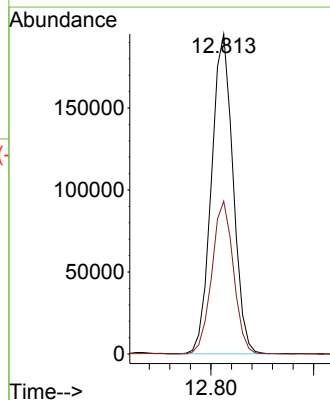
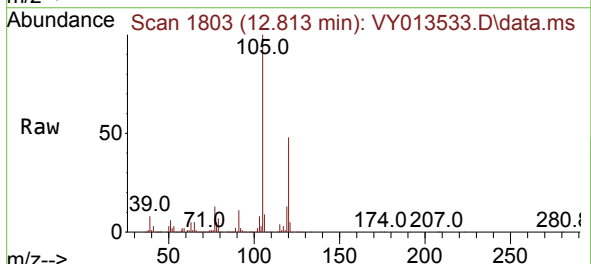
Acq: 01 May 2023 12:38

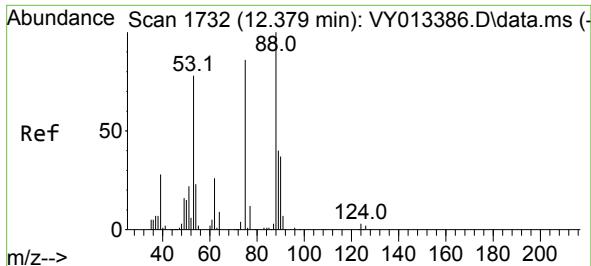
Tgt Ion:105 Resp: 283421

Ion Ratio Lower Upper

105 100

120 48.0 24.7 74.1

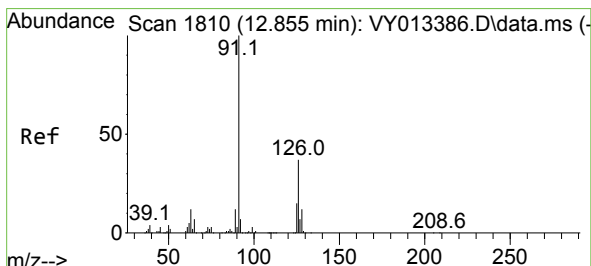
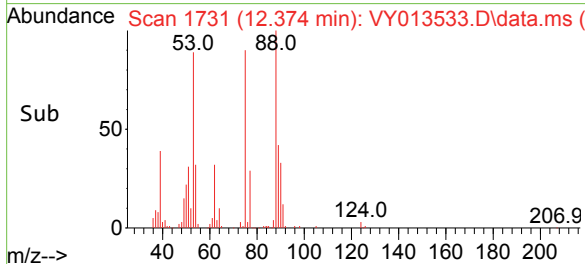
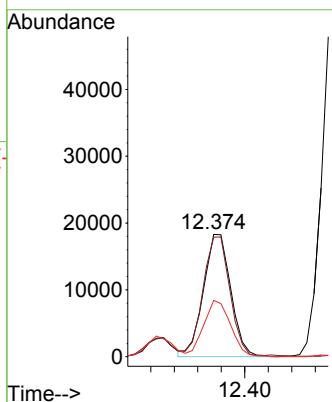
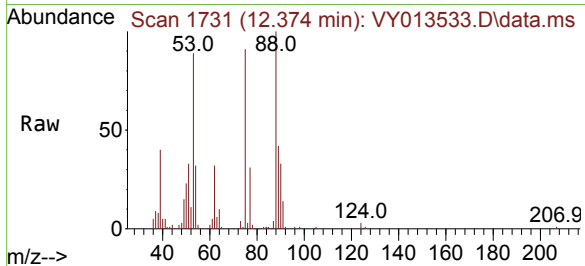




#81
trans-1,4-Dichloro-2-butene
Concen: 20.860 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.005 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

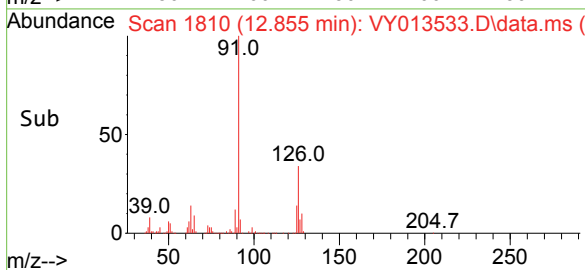
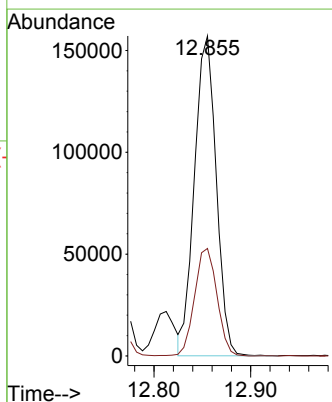
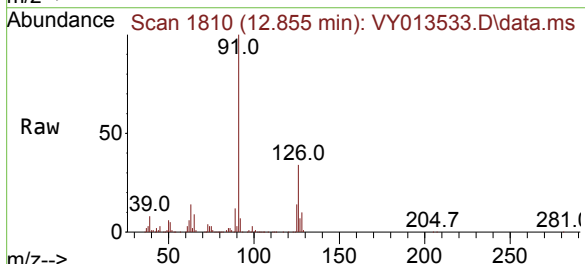
Instrument :
MSVOA_Y
ClientSampleId :
VY0501SBS01

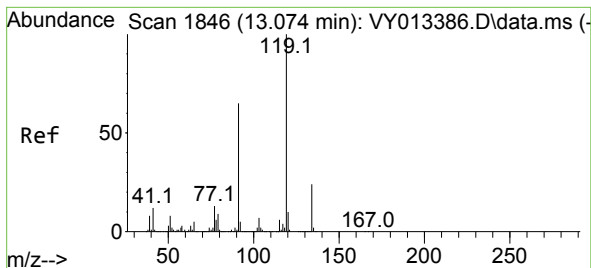
Tgt Ion: 75 Resp: 29641
Ion Ratio Lower Upper
75 100
53 94.1 73.2 109.8
89 45.3 38.0 57.0



#82
4-Chlorotoluene
Concen: 21.035 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013533.D
Acq: 01 May 2023 12:38

Tgt Ion: 91 Resp: 245834
Ion Ratio Lower Upper
91 100
126 34.7 17.9 53.8





#83

tert-Butylbenzene

Concen: 21.151 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

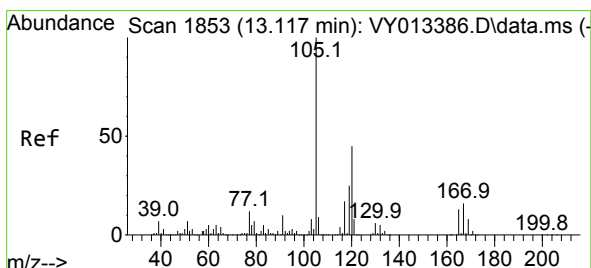
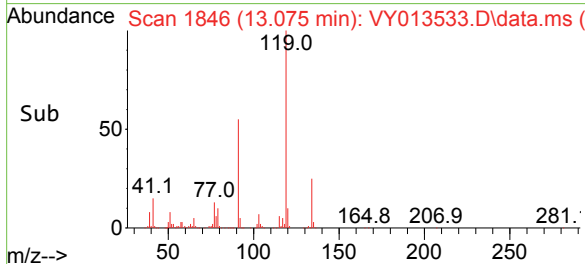
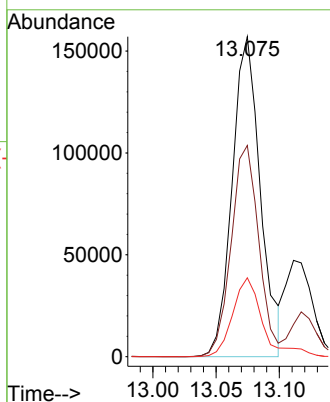
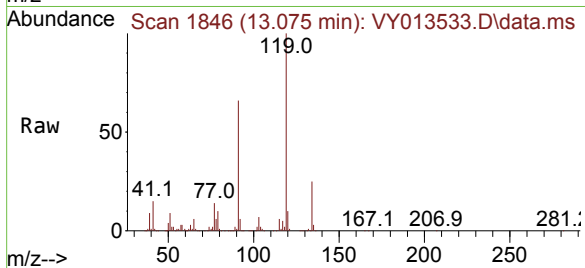
Tgt Ion:119 Resp: 243818

Ion Ratio Lower Upper

119 100

91 64.7 32.2 96.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.620 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013533.D

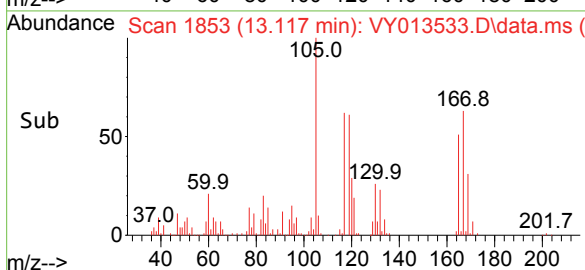
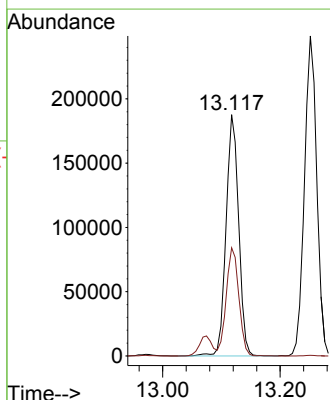
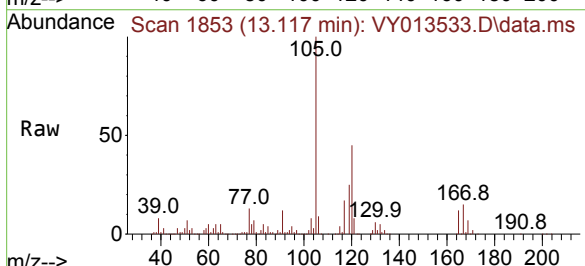
Acq: 01 May 2023 12:38

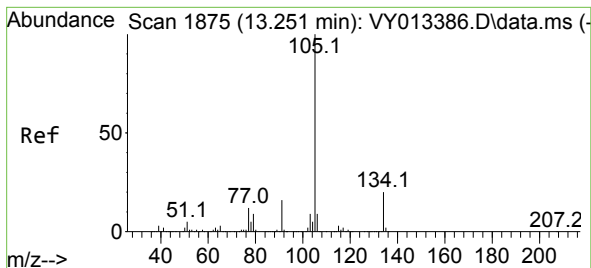
Tgt Ion:105 Resp: 279682

Ion Ratio Lower Upper

105 100

120 44.7 22.3 66.9

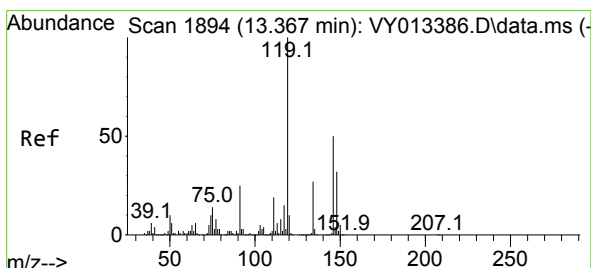
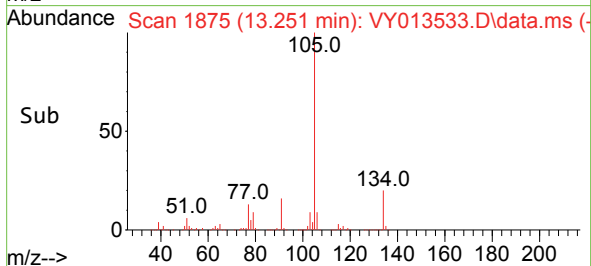
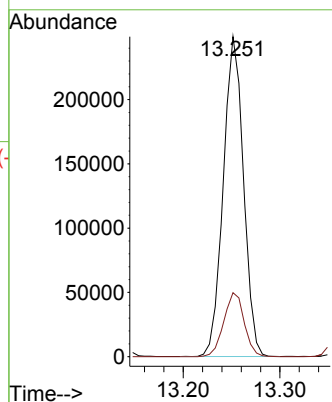
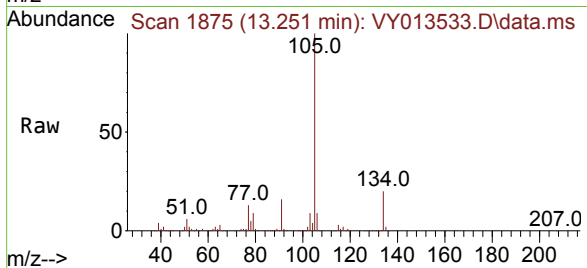




#85
 sec-Butylbenzene
 Concen: 20.871 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013533.D
 Acq: 01 May 2023 12:38

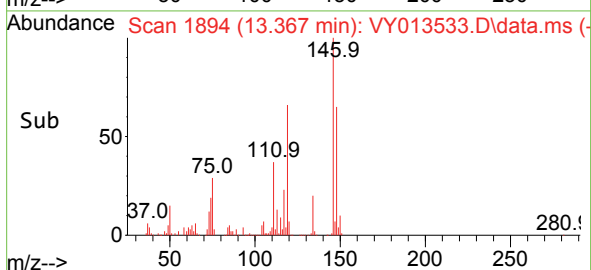
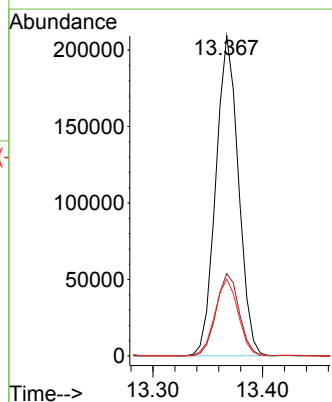
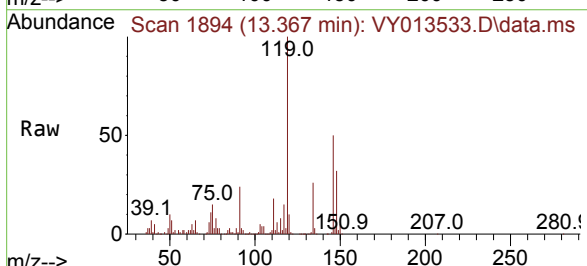
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

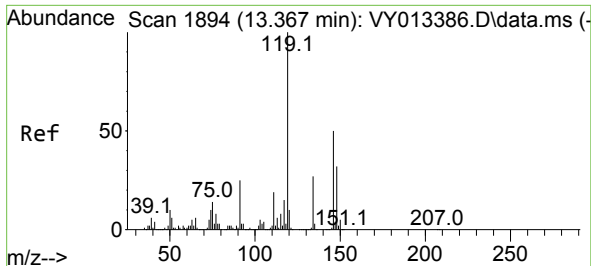
Tgt Ion:105 Resp: 361078
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 21.541 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013533.D
 Acq: 01 May 2023 12:38

Tgt Ion:119 Resp: 299683
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.4 40.2
 91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.557 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

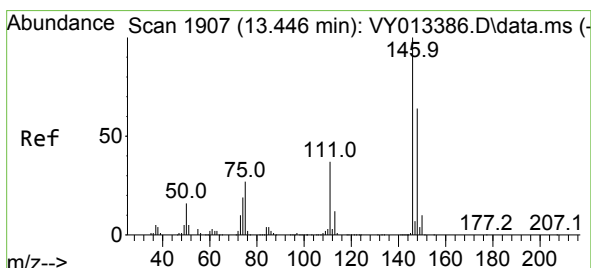
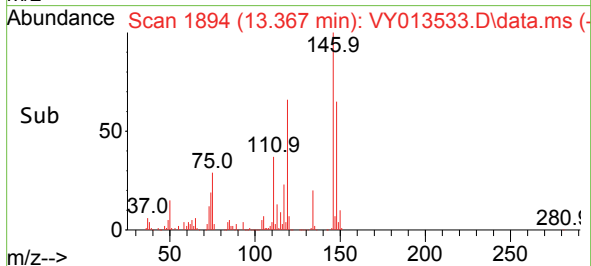
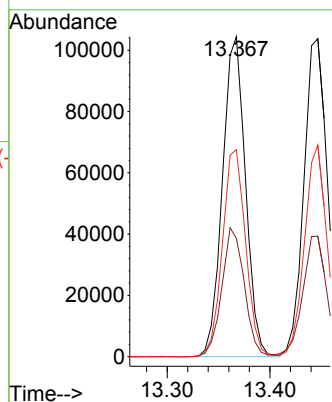
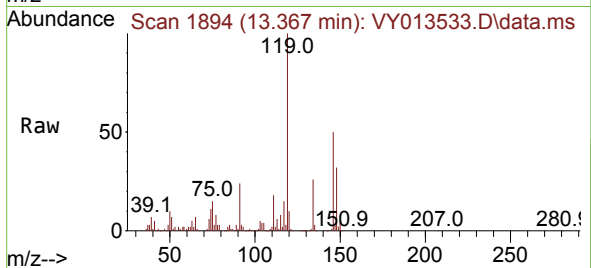
Tgt Ion:146 Resp: 162222

Ion Ratio Lower Upper

146 100

111 39.3 19.3 57.9

148 65.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 21.677 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.001 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

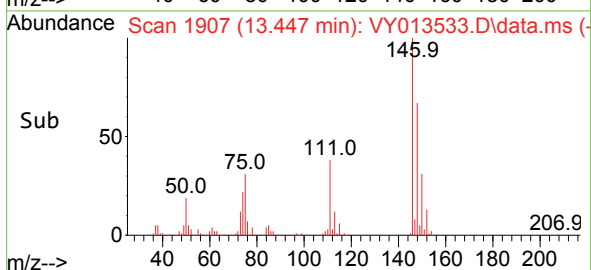
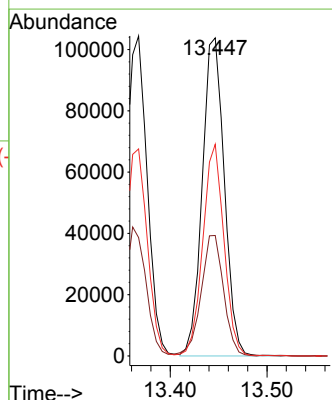
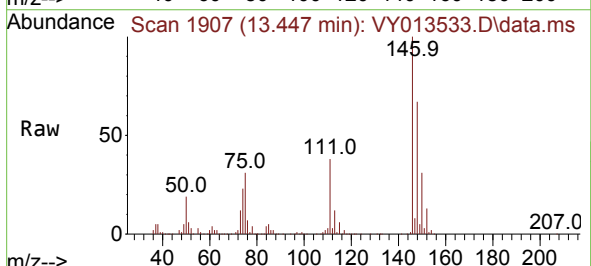
Tgt Ion:146 Resp: 164780

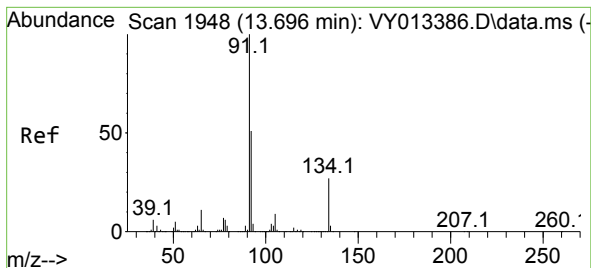
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.5

148 64.1 31.9 95.5





#89

n-Butylbenzene

Concen: 21.309 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

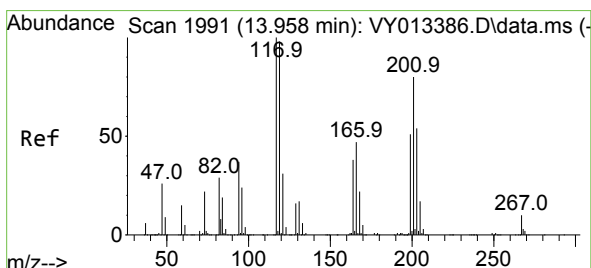
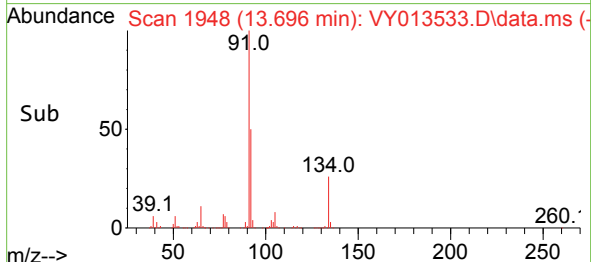
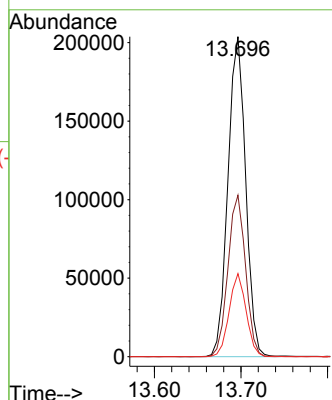
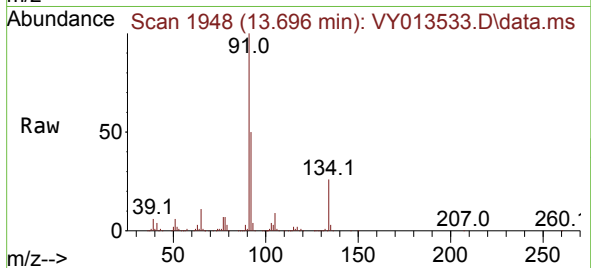
Tgt Ion: 91 Resp: 289354

Ion Ratio Lower Upper

91 100

92 50.3 25.8 77.3

134 24.9 13.5 40.4



#90

Hexachloroethane

Concen: 20.461 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013533.D

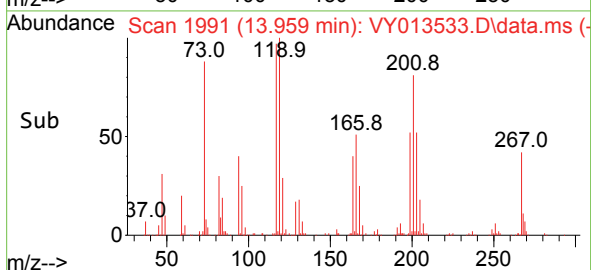
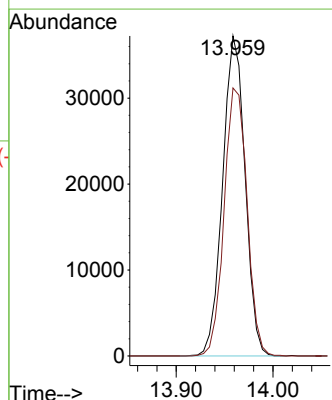
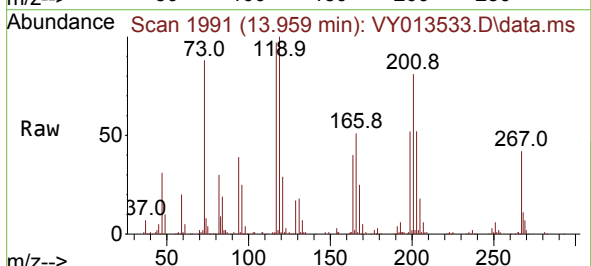
Acq: 01 May 2023 12:38

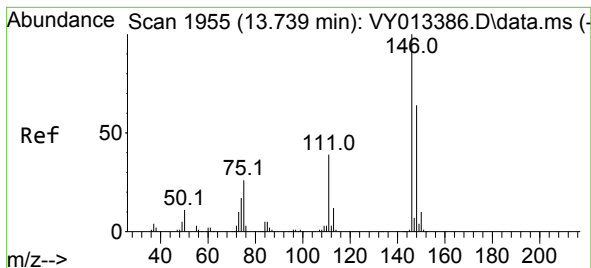
Tgt Ion: 117 Resp: 59911

Ion Ratio Lower Upper

117 100

201 85.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 21.741 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

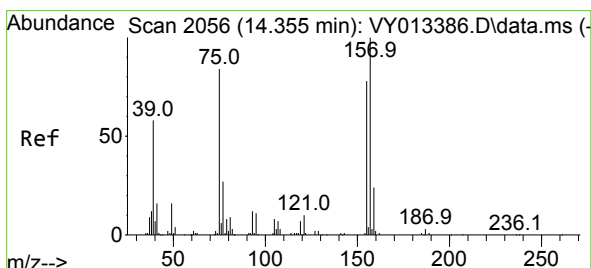
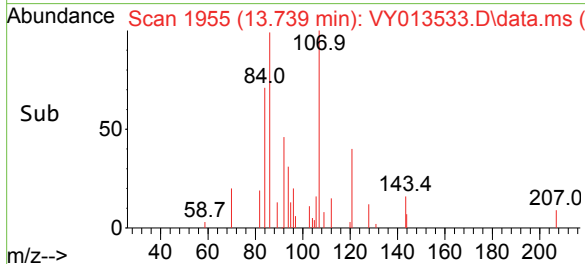
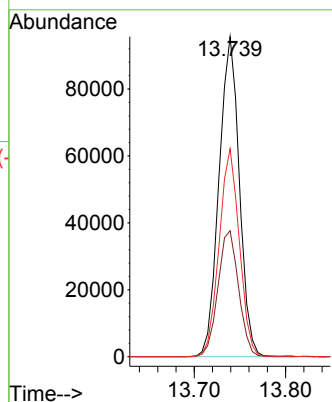
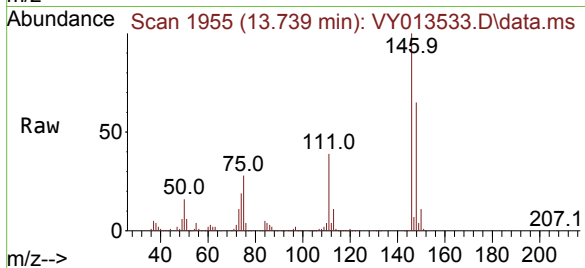
Tgt Ion:146 Resp: 147740

Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.4

148 64.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.384 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

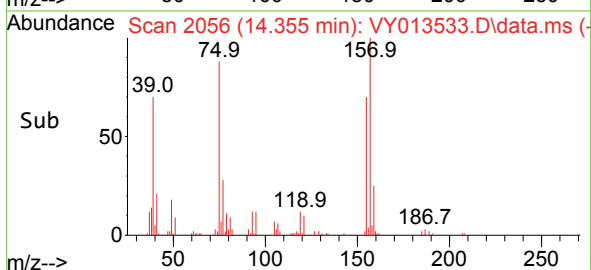
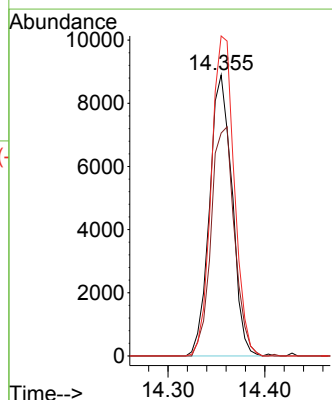
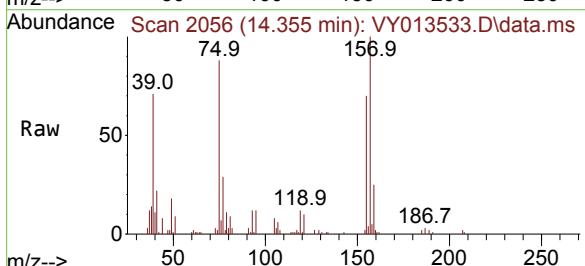
Tgt Ion: 75 Resp: 14345

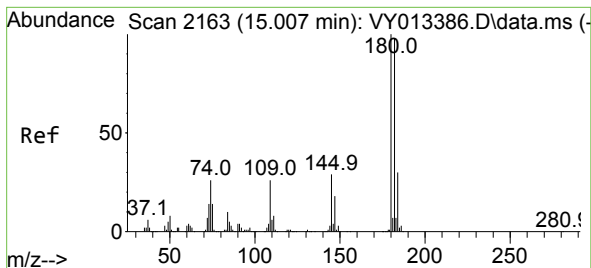
Ion Ratio Lower Upper

75 100

155 85.0 44.6 134.0

157 116.2 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 22.579 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

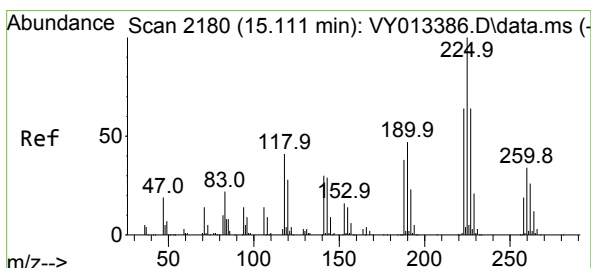
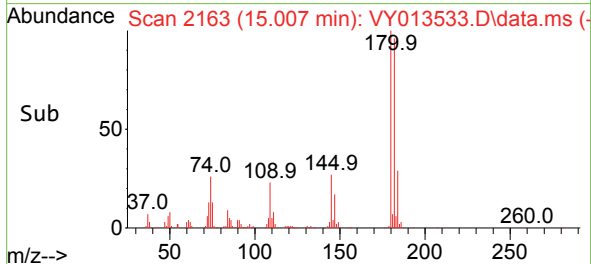
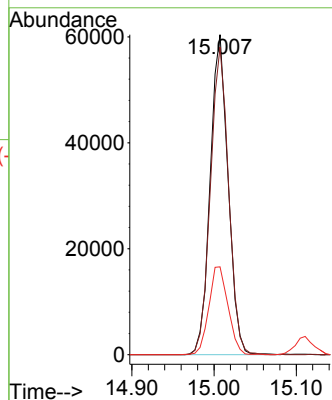
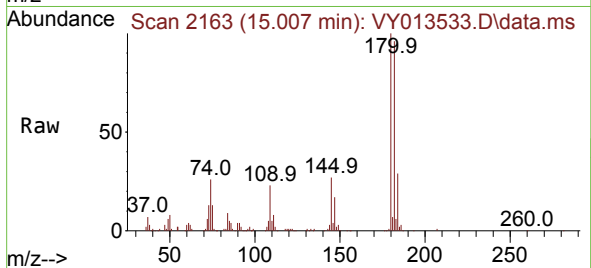
Tgt Ion:180 Resp: 91482

Ion Ratio Lower Upper

180 100

182 97.4 48.5 145.5

145 29.5 15.0 45.0



#94

Hexachlorobutadiene

Concen: 24.101 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

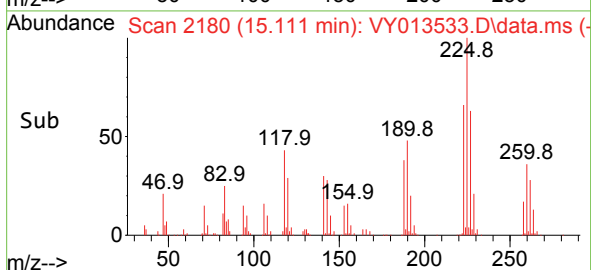
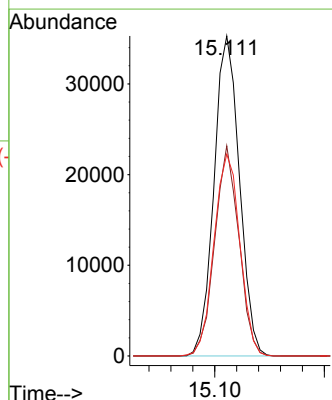
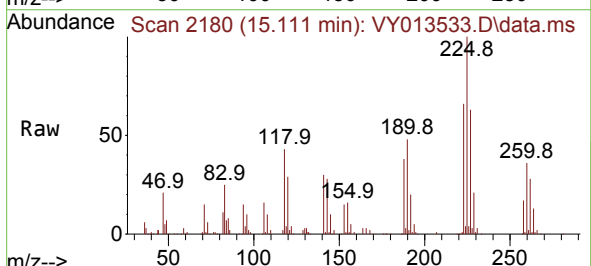
Tgt Ion:225 Resp: 56828

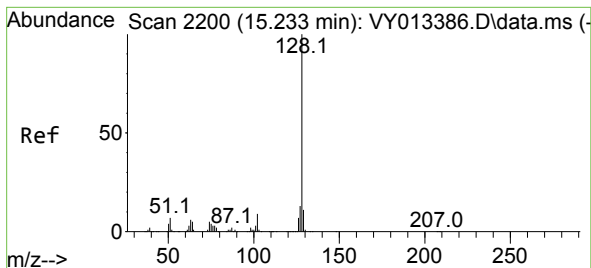
Ion Ratio Lower Upper

225 100

223 62.4 31.4 94.2

227 64.3 32.0 96.0





#95

Naphthalene

Concen: 21.374 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0501SBS01

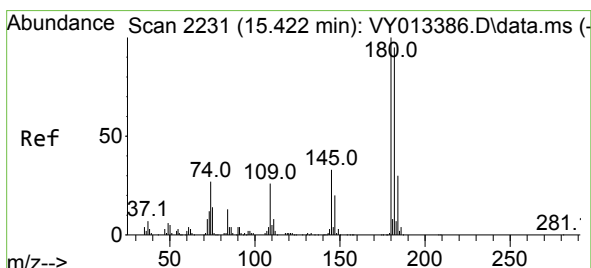
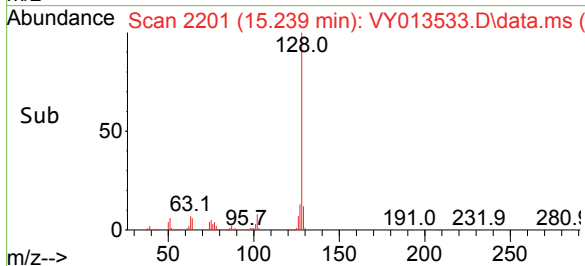
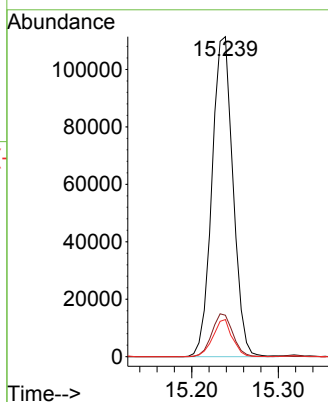
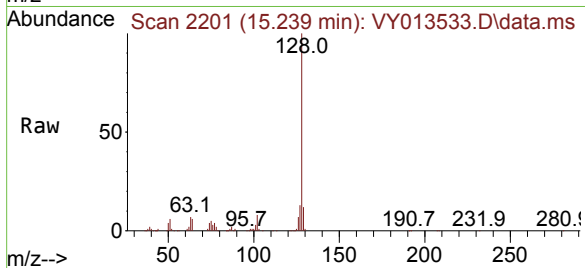
Tgt Ion:128 Resp: 187892

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 23.473 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013533.D

Acq: 01 May 2023 12:38

Tgt Ion:180 Resp: 84764

Ion Ratio Lower Upper

180 100

182 96.0 47.1 141.3

145 30.7 15.9 47.7

