

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022224\
 Data File : VY017454.D
 Acq On : 22 Feb 2024 13:32
 Operator : SY/MD
 Sample : VY0222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 23 00:28:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 06:16:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	176282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	242759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70436	46.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.540%
35) Dibromofluoromethane	7.722	113	81717	50.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.620%
50) Toluene-d8	10.185	98	317165	50.846	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.489	95	95283	45.945	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27340	19.450	ug/l	98
3) Chloromethane	2.119	50	46873	16.339	ug/l	98
4) Vinyl Chloride	2.253	62	59599	15.956	ug/l	98
5) Bromomethane	2.650	94	48860	15.659	ug/l	96
6) Chloroethane	2.796	64	37330	15.689	ug/l	99
7) Trichlorofluoromethane	3.131	101	60367	18.845	ug/l	98
8) Diethyl Ether	3.534	74	17242	19.044	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	35890	19.384	ug/l	98
10) Methyl Iodide	4.095	142	36910	18.732	ug/l	99
11) Tert butyl alcohol	4.960	59	13827	118.084	ug/l #	87
12) 1,1-Dichloroethene	3.875	96	33739	19.387	ug/l	97
13) Acrolein	3.735	56	16417	104.770	ug/l	98
14) Allyl chloride	4.479	41	39445	18.700	ug/l	97
15) Acrylonitrile	5.161	53	33821	93.959	ug/l	98
16) Acetone	3.948	43	30504	93.529	ug/l	97
17) Carbon Disulfide	4.198	76	103453	18.712	ug/l	97
18) Methyl Acetate	4.479	43	12747	17.236	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	71255	18.126	ug/l	99
20) Methylene Chloride	4.716	84	42871	17.447	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	38857	19.304	ug/l	99
22) Diisopropyl ether	6.119	45	91169	18.792	ug/l	93
23) Vinyl Acetate	6.064	43	261241	90.606	ug/l	100
24) 1,1-Dichloroethane	6.021	63	62416	18.976	ug/l	99
25) 2-Butanone	6.990	43	42540	92.921	ug/l	98
26) 2,2-Dichloropropane	6.984	77	52972	18.717	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	43568	19.488	ug/l	97
28) Bromochloromethane	7.338	49	21866	17.718	ug/l	97
29) Tetrahydrofuran	7.356	42	25047	93.068	ug/l	99
30) Chloroform	7.515	83	66939	19.279	ug/l	96
31) Cyclohexane	7.789	56	53590	17.976	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	57553	18.766	ug/l	99
36) 1,1-Dichloropropene	7.923	75	51730	19.258	ug/l	99
37) Ethyl Acetate	7.076	43	17534	17.926	ug/l #	96
38) Carbon Tetrachloride	7.905	117	50933	19.044	ug/l	96
39) Methylcyclohexane	9.185	83	62480	19.002	ug/l	97
40) Benzene	8.161	78	153192	19.519	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	7690	16.099	ug/l #	86
42) 1,2-Dichloroethane	8.240	62	35832	18.809	ug/l	97
43) Isopropyl Acetate	8.277	43	32657	18.476	ug/l	98
44) Trichloroethene	8.941	130	41938	19.714	ug/l	98
45) 1,2-Dichloropropane	9.222	63	35099	19.347	ug/l	100
46) Dibromomethane	9.307	93	20006	19.402	ug/l	98
47) Bromodichloromethane	9.502	83	49444	19.502	ug/l	94
48) Methyl methacrylate	9.295	41	14873	17.934	ug/l	94
49) 1,4-Dioxane	9.307	88	4184	387.950	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	87555	91.930	ug/l	98
52) Toluene	10.246	92	95370	19.465	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	43659	18.598	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	54943	19.076	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	28171	19.856	ug/l	93
56) Ethyl methacrylate	10.514	69	28843	18.624	ug/l	98
57) 1,3-Dichloropropane	10.795	76	45577	19.415	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	76377	90.097	ug/l	99
59) 2-Hexanone	10.837	43	60344	91.987	ug/l	99
60) Dibromochloromethane	10.990	129	33666	19.962	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25826	19.457	ug/l	99
64) Tetrachloroethene	10.721	164	38107	19.614	ug/l	97
65) Chlorobenzene	11.520	112	99480	19.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	37244	19.124	ug/l	98
67) Ethyl Benzene	11.599	91	175174	18.728	ug/l	96
68) m/p-Xylenes	11.709	106	136080	37.009	ug/l	99
69) o-Xylene	12.032	106	63339	18.777	ug/l	99
70) Styrene	12.050	104	104530	18.867	ug/l	97
71) Bromoform	12.215	173	19514	19.259	ug/l #	96
73) Isopropylbenzene	12.337	105	165579	20.062	ug/l	99
74) N-amyl acetate	12.148	43	26476	18.423	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	29455	19.968	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	35350	34.122	ug/l #	100
77) Bromobenzene	12.611	156	39736	20.528	ug/l	94
78) n-propylbenzene	12.678	91	202834	20.318	ug/l	100
79) 2-Chlorotoluene	12.758	91	110940	20.182	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	133431	20.212	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	8496	19.121	ug/l	98
82) 4-Chlorotoluene	12.861	91	113554	20.019	ug/l	98
83) tert-Butylbenzene	13.081	119	117435	20.372	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	129848	19.854	ug/l	98
85) sec-Butylbenzene	13.258	105	178975	20.214	ug/l	100
86) p-Isopropyltoluene	13.373	119	145953	20.014	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	76553	19.583	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	75009	19.873	ug/l	99
89) n-Butylbenzene	13.703	91	131567	19.837	ug/l	99
90) Hexachloroethane	13.965	117	28281	19.791	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	64863	19.713	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3215	17.243	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	32167	18.697	ug/l	97
94) Hexachlorobutadiene	15.117	225	21453	20.502	ug/l	99
95) Naphthalene	15.245	128	48791	17.728	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	26363	18.227	ug/l	98

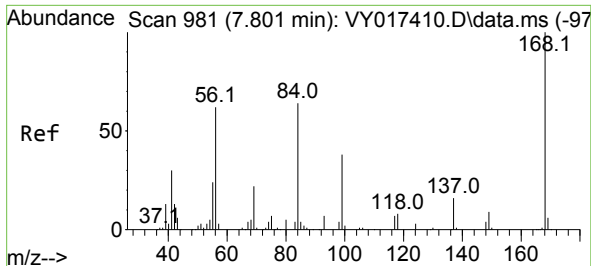
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Response via : Initial Calibration

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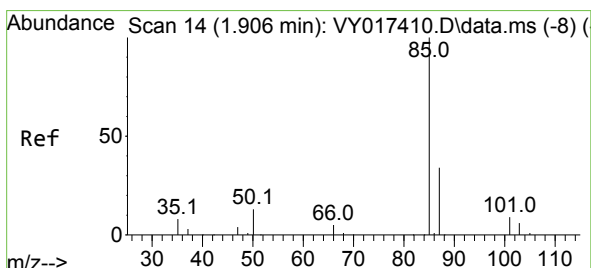
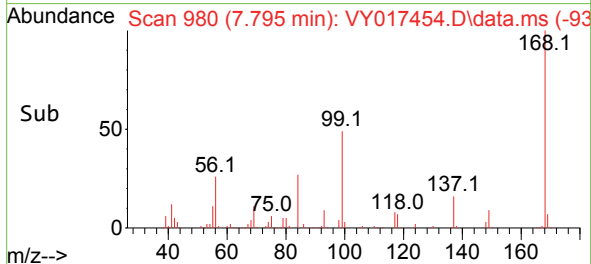
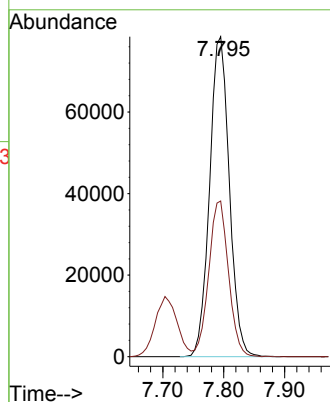
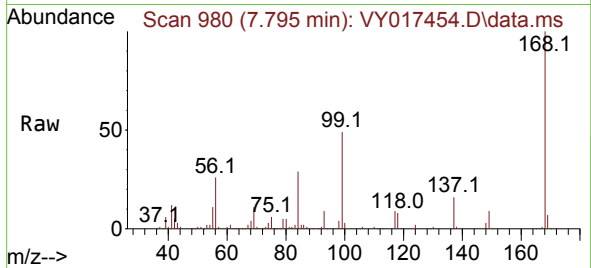
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

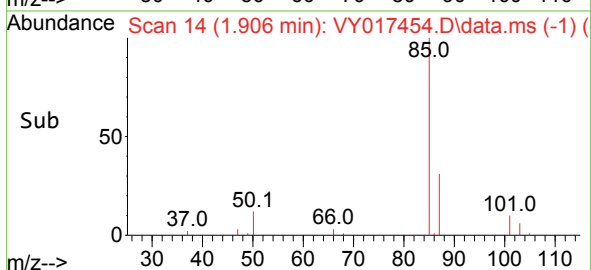
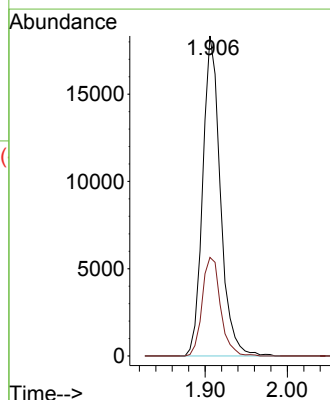
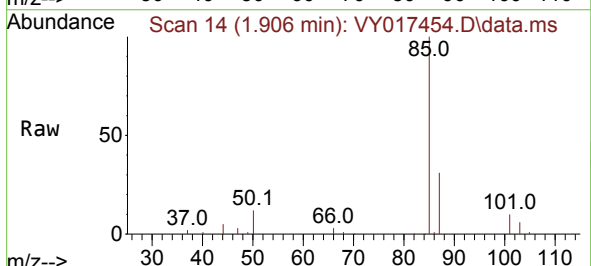
Instrument :
MSVOA_Y
ClientSampleId :

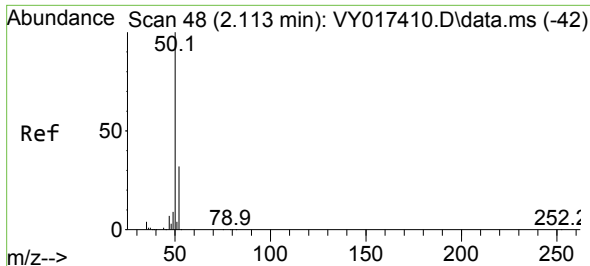
Tgt Ion:168 Resp: 176282
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 19.450 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 85 Resp: 27340
Ion Ratio Lower Upper
85 100
87 30.8 16.0 48.0

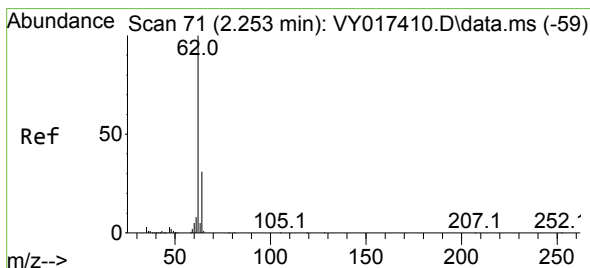
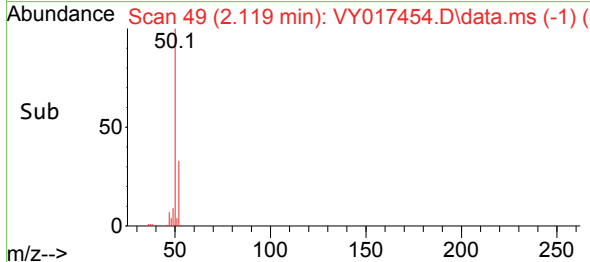
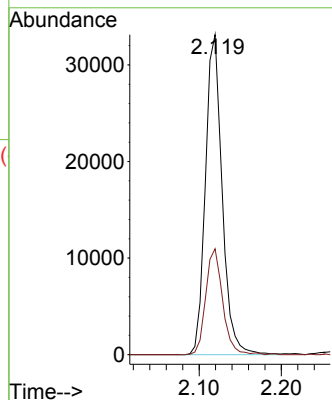
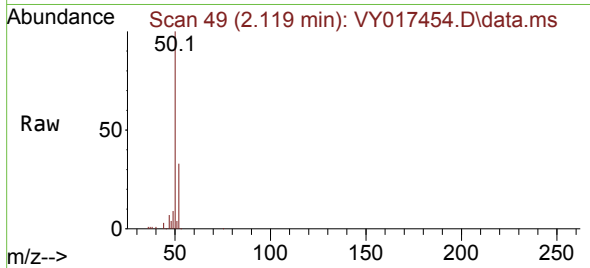




#3
Chloromethane
Concen: 16.339 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

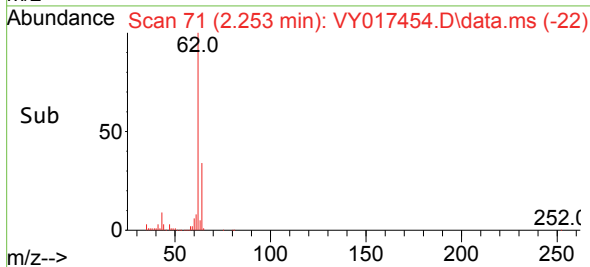
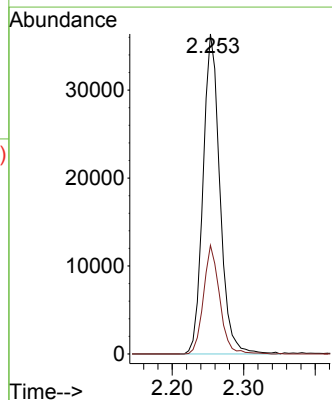
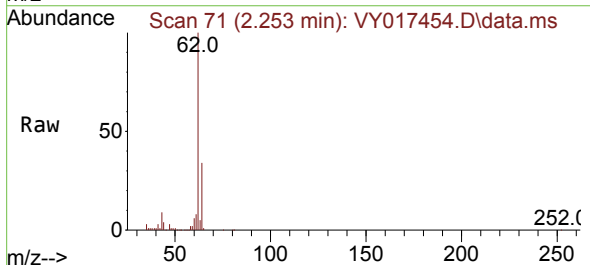
Instrument :
MSVOA_Y
ClientSampled :

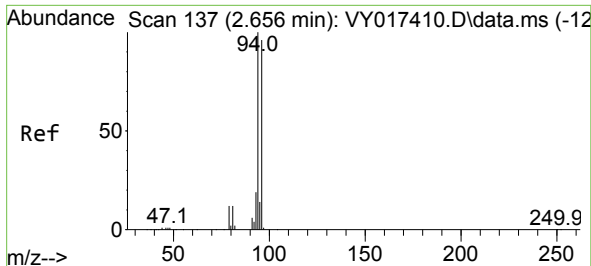
Tgt Ion: 50 Resp: 46873
Ion Ratio Lower Upper
50 100
52 33.1 25.6 38.4



#4
Vinyl Chloride
Concen: 15.956 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 62 Resp: 59599
Ion Ratio Lower Upper
62 100
64 34.0 26.1 39.1

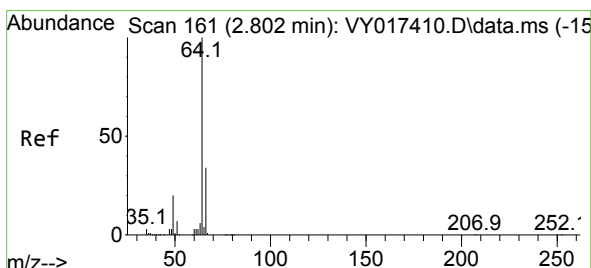
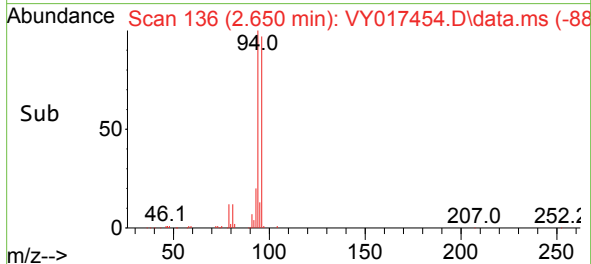
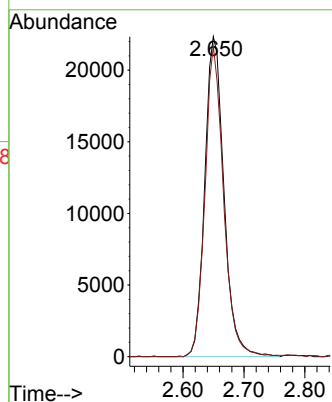
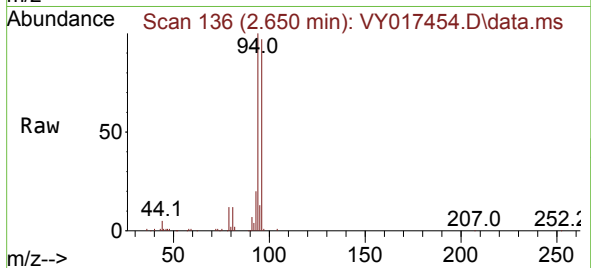




#5
Bromomethane
Concen: 15.659 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

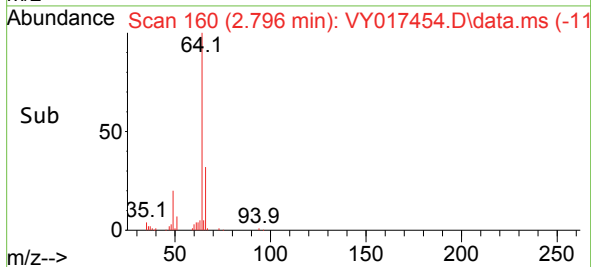
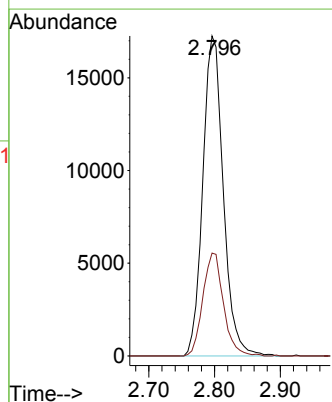
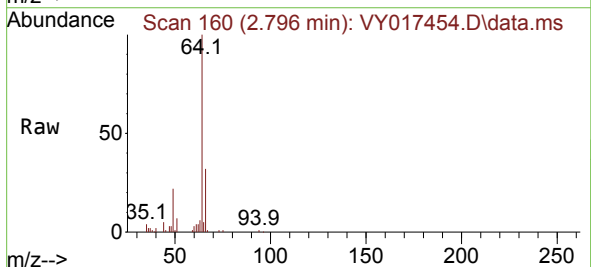
Instrument :
MSVOA_Y
ClientSampleId :

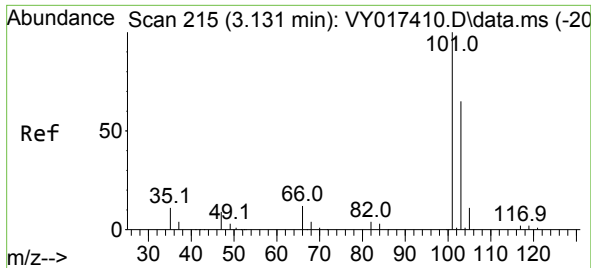
Tgt Ion: 94 Resp: 48860
Ion Ratio Lower Upper
94 100
96 96.8 74.1 111.1



#6
Chloroethane
Concen: 15.689 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 64 Resp: 37330
Ion Ratio Lower Upper
64 100
66 32.2 26.1 39.1

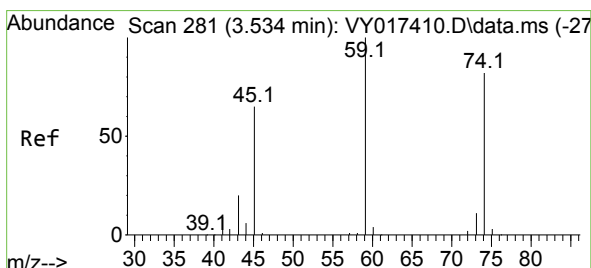
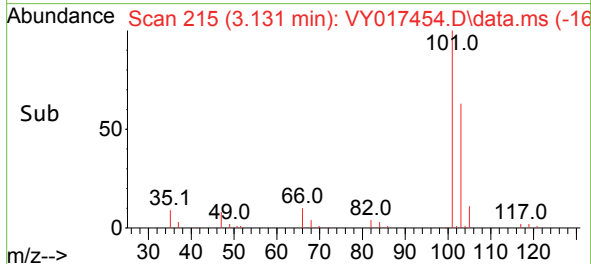
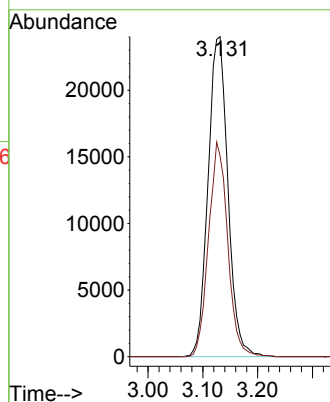
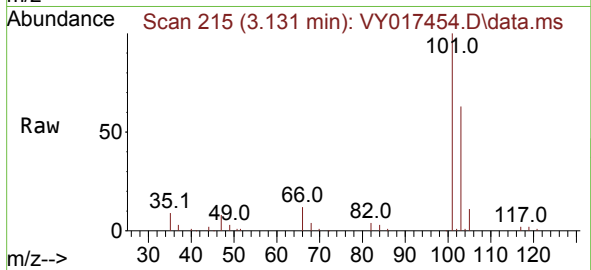




#7
 Trichlorofluoromethane
 Concen: 18.845 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017454.D
 Acq: 22 Feb 2024 13:32

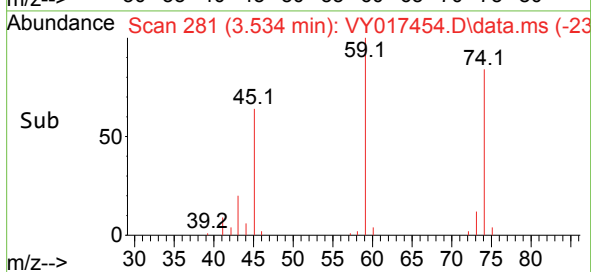
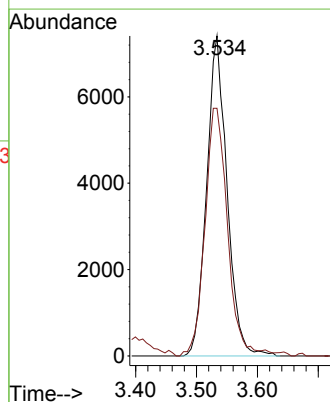
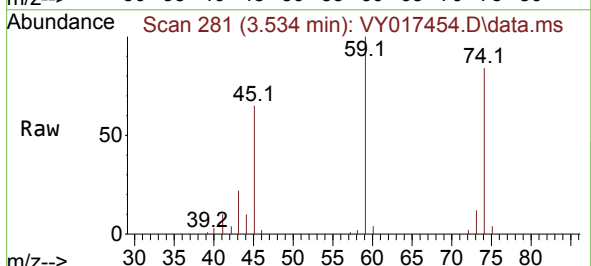
Instrument :
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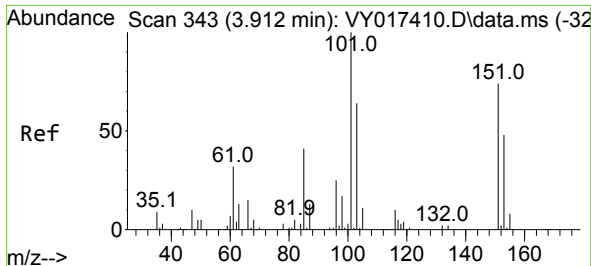
Tgt Ion:101 Resp: 60367
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.044 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY017454.D
 Acq: 22 Feb 2024 13:32

Tgt Ion: 74 Resp: 17242
 Ion Ratio Lower Upper
 74 100
 45 85.7 41.3 124.1

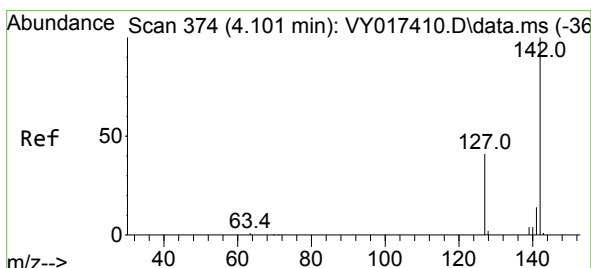
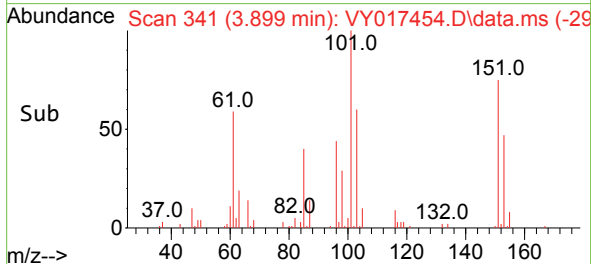
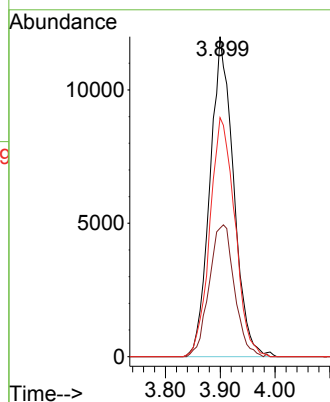
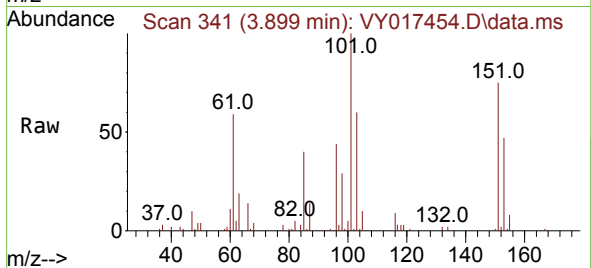




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.384 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

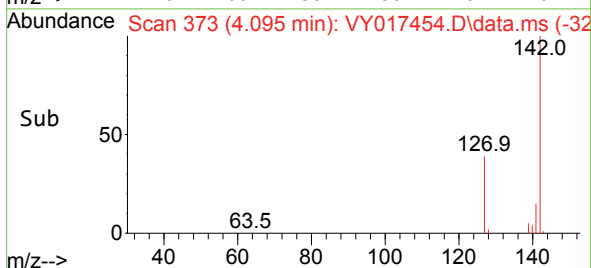
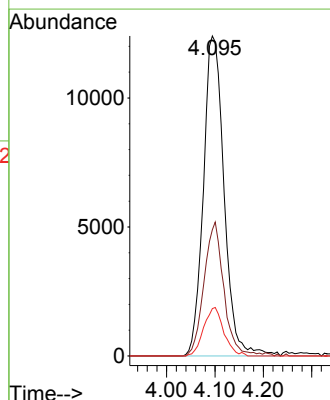
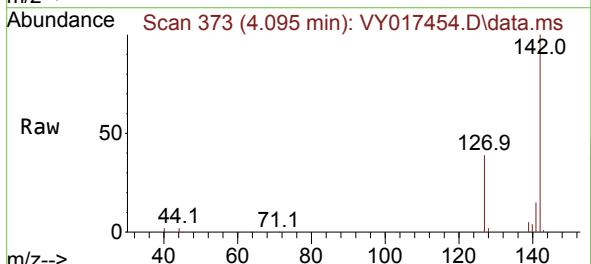
Instrument :
MSVOA_Y
ClientSampleId :

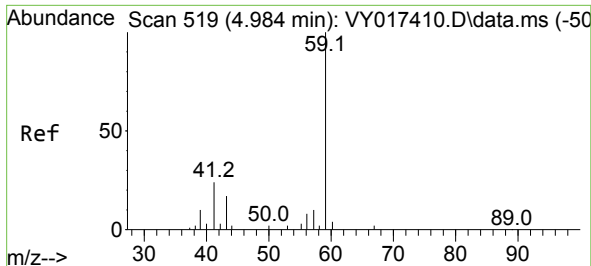
Tgt Ion:101 Resp: 35890
Ion Ratio Lower Upper
101 100
85 43.9 34.5 51.7
151 79.1 61.7 92.5



#10
Methyl Iodide
Concen: 18.732 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion:142 Resp: 36910
Ion Ratio Lower Upper
142 100
127 40.0 32.8 49.2
141 14.7 11.4 17.2

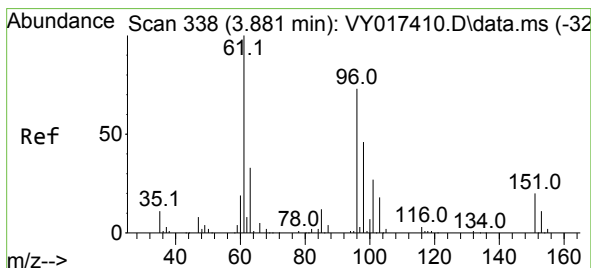
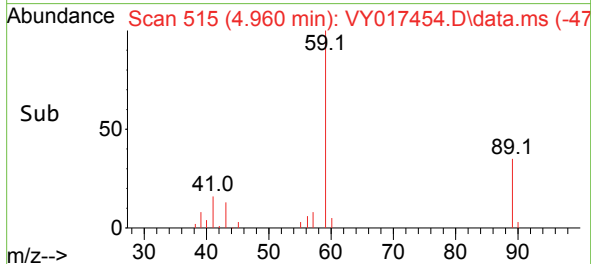
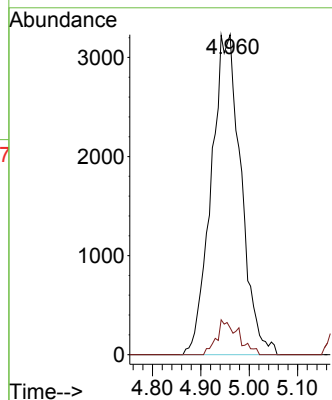
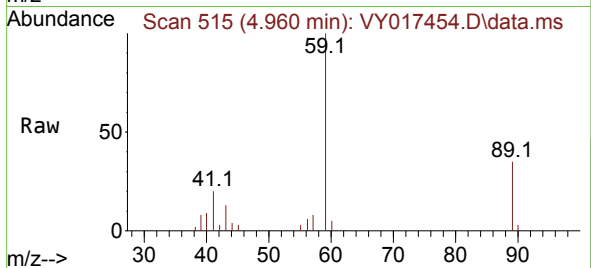




#11
Tert butyl alcohol
Concen: 118.084 ug/l
RT: 4.960 min Scan# 519
Delta R.T. -0.024 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

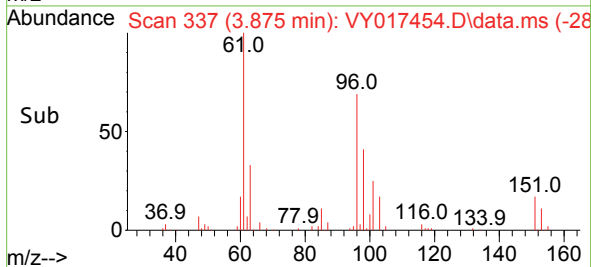
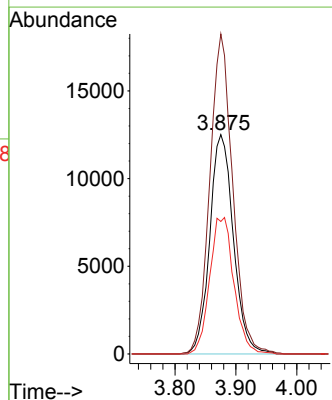
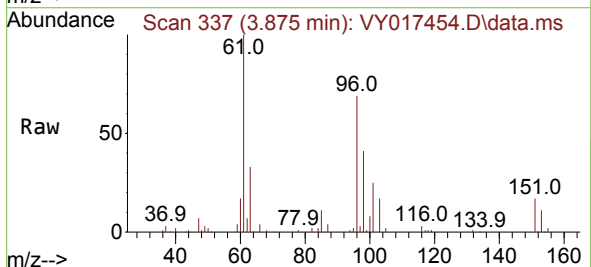
Instrument :
MSVOA_Y
ClientSampleId :

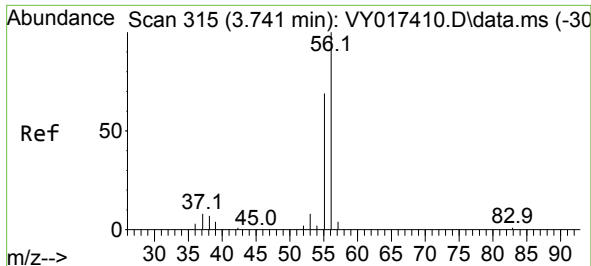
Tgt Ion: 59 Resp: 13827
Ion Ratio Lower Upper
59 100
57 7.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.387 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 96 Resp: 33739
Ion Ratio Lower Upper
96 100
61 145.9 114.6 171.8
98 60.4 50.8 76.2





#13

Acrolein

Concen: 104.770 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

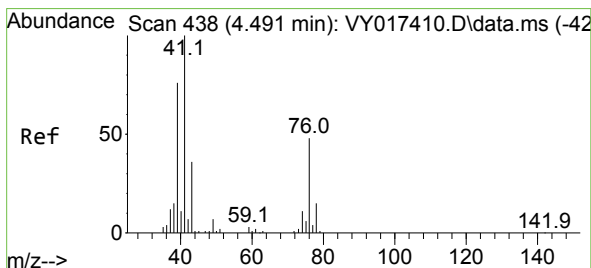
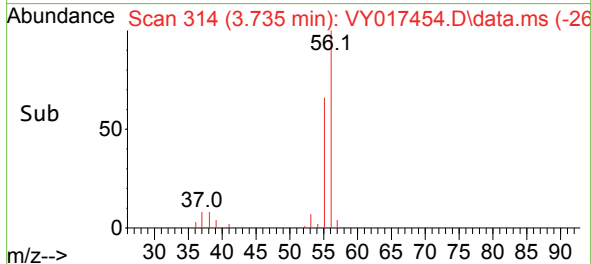
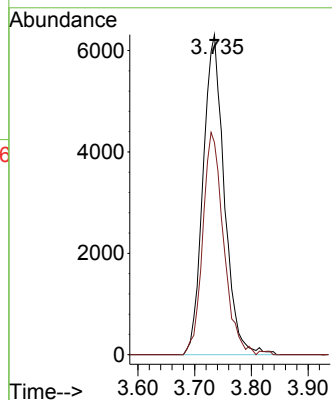
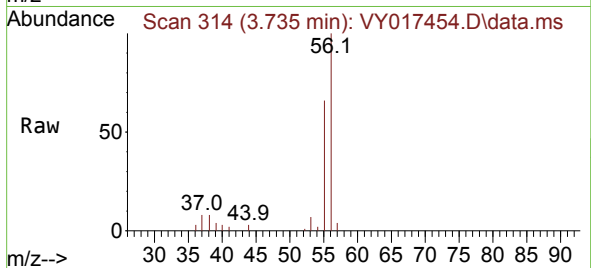
ClientSampleId :

Tgt Ion: 56 Resp: 16417

Ion Ratio Lower Upper

56 100

55 68.0 55.7 83.5



#14

Allyl chloride

Concen: 18.700 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

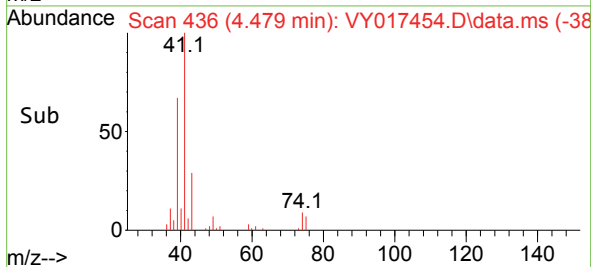
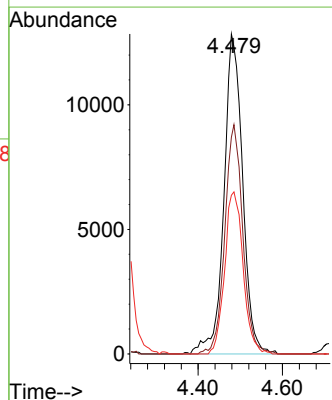
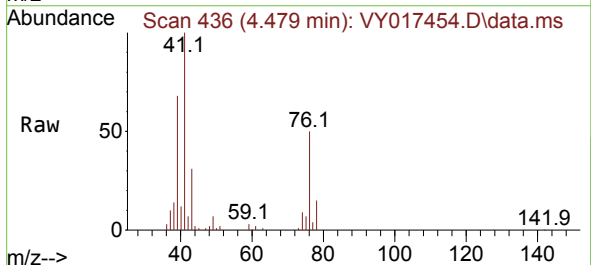
Tgt Ion: 41 Resp: 39445

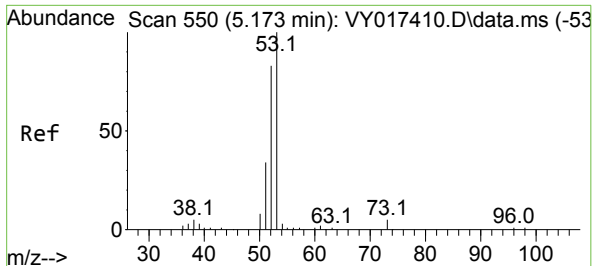
Ion Ratio Lower Upper

41 100

39 69.1 58.3 87.5

76 50.0 39.0 58.6





#15

Acrylonitrile

Concen: 93.959 ug/l

RT: 5.161 min Scan# 54

Delta R.T. -0.012 min

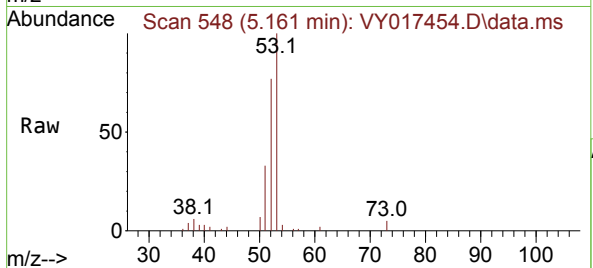
Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

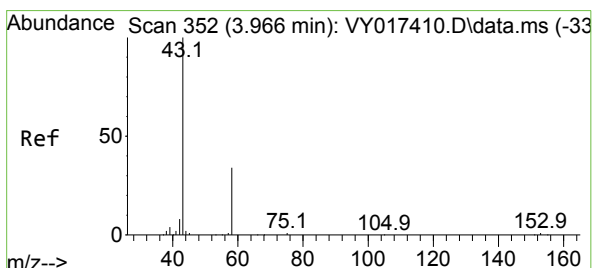
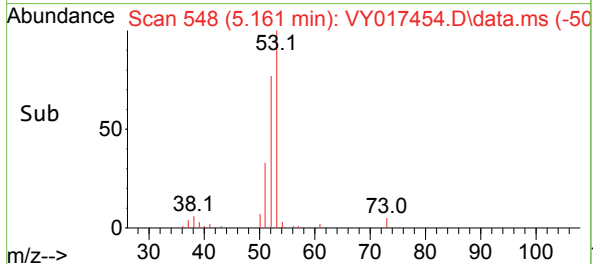
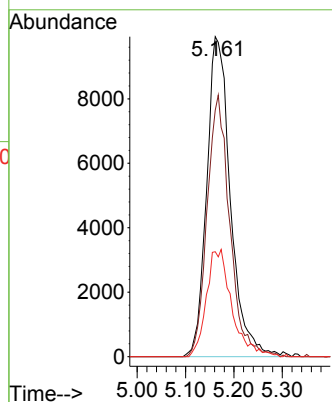
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 53	Resp: 33821
Ion Ratio	Lower Upper
53	100
52	78.1 64.7 97.1
51	35.8 28.4 42.6



#16

Acetone

Concen: 93.529 ug/l

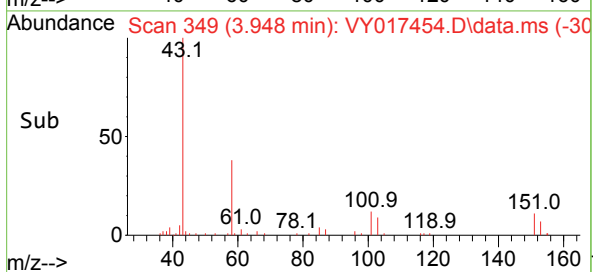
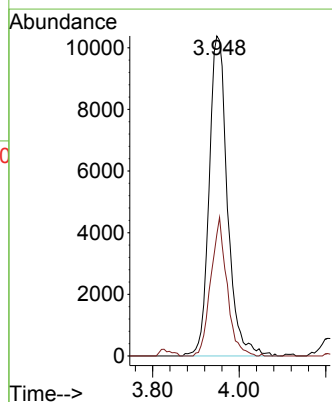
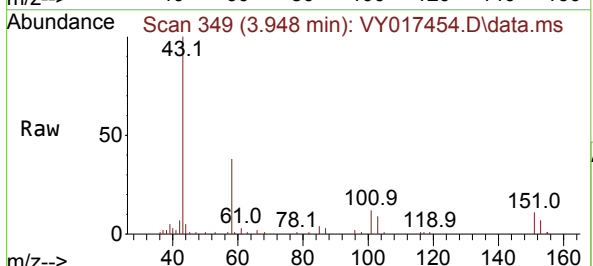
RT: 3.948 min Scan# 349

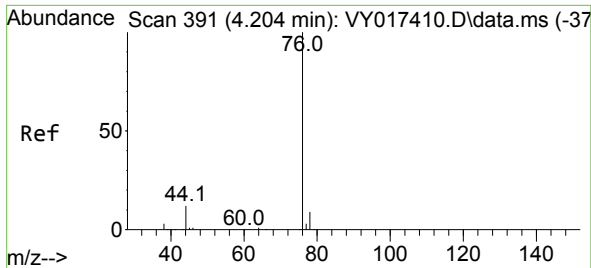
Delta R.T. -0.018 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Tgt Ion: 43	Resp: 30504
Ion Ratio	Lower Upper
43	100
58	38.0 31.7 47.5





#17

Carbon Disulfide

Concen: 18.712 ug/l

RT: 4.198 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

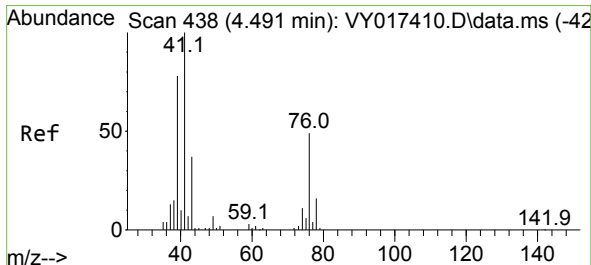
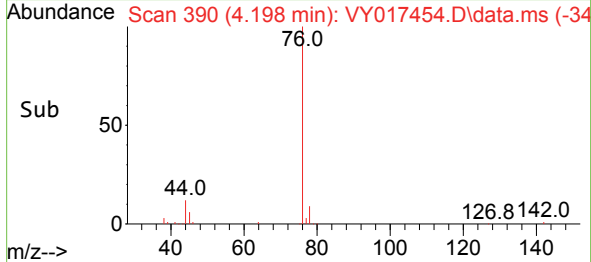
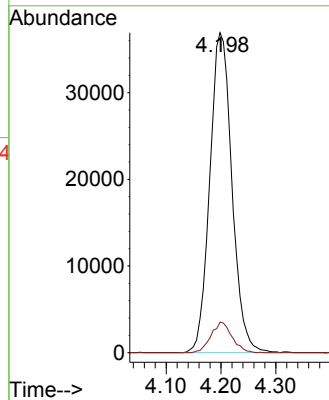
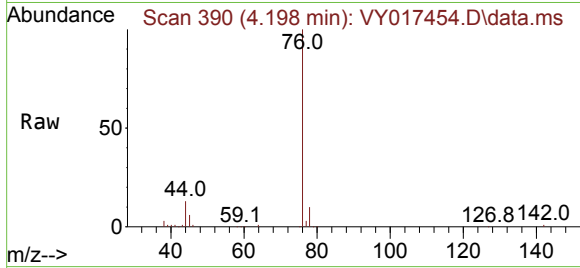
ClientSampleId :

Tgt Ion: 76 Resp: 103453

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2



#18

Methyl Acetate

Concen: 17.236 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY017454.D

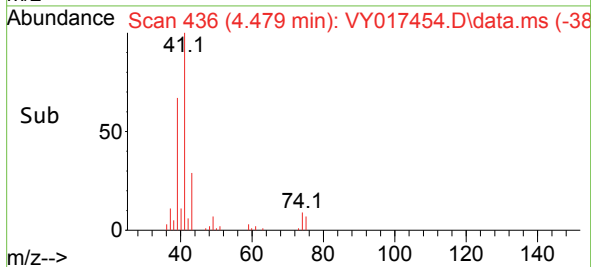
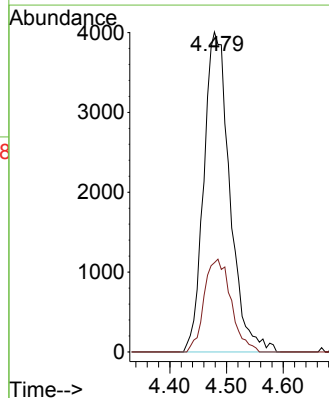
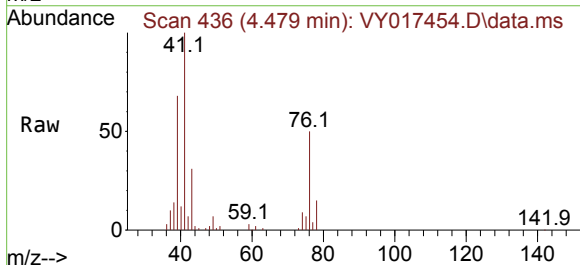
Acq: 22 Feb 2024 13:32

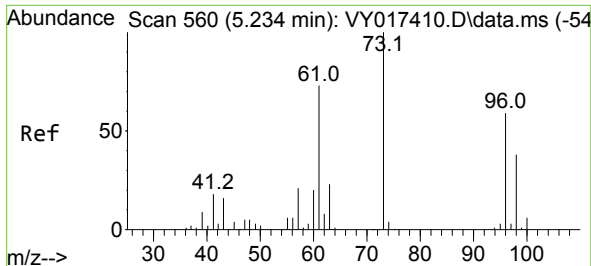
Tgt Ion: 43 Resp: 12747

Ion Ratio Lower Upper

43 100

74 30.0 23.3 34.9

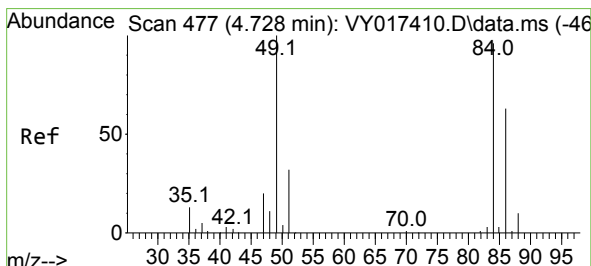
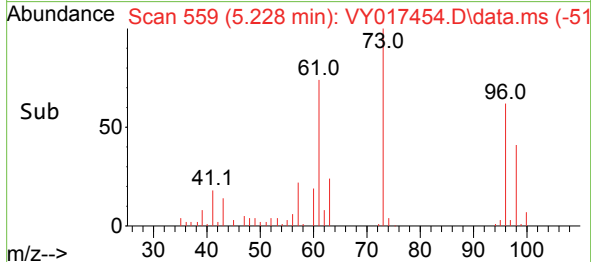
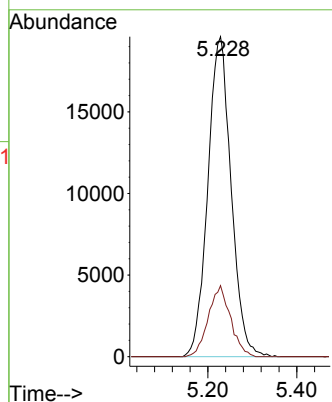
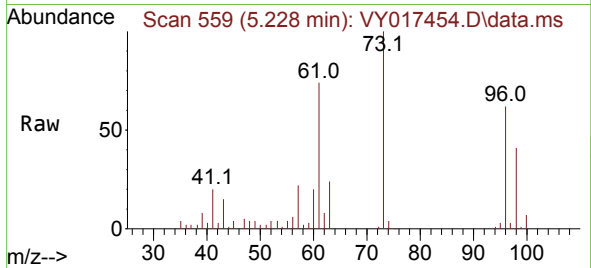




#19
Methyl tert-butyl Ether
Concen: 18.126 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

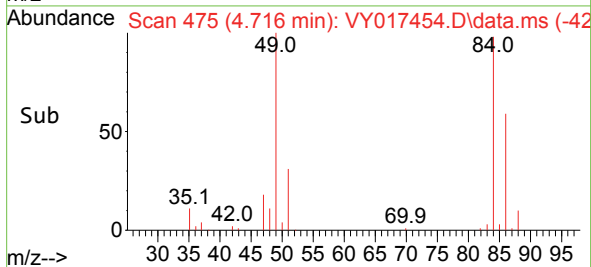
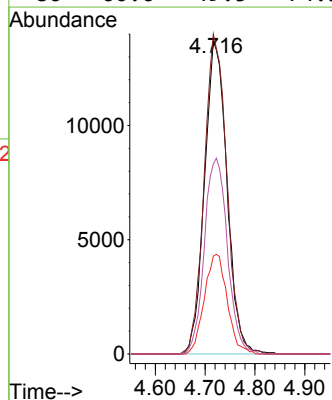
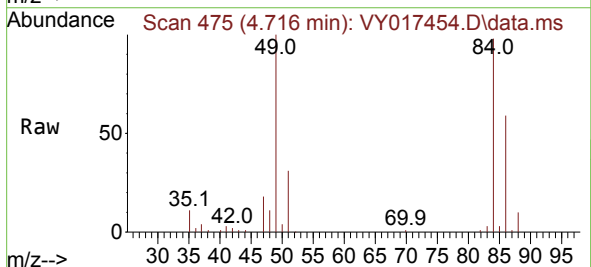
Instrument :
MSVOA_Y
ClientSampleId :

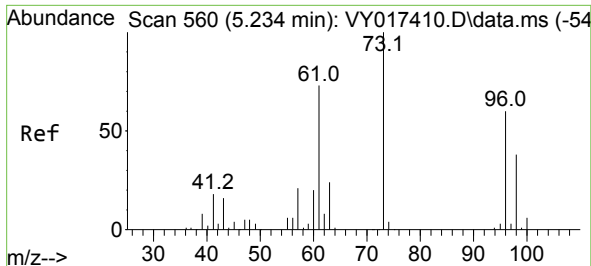
Tgt Ion: 73 Resp: 71255
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 17.447 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

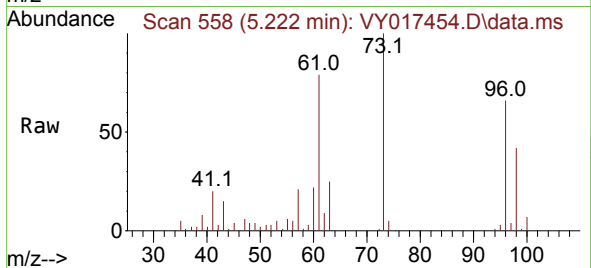
Tgt Ion: 84 Resp: 42871
Ion Ratio Lower Upper
84 100
49 102.2 84.4 126.6
51 31.2 26.0 39.0
86 60.6 49.5 74.3



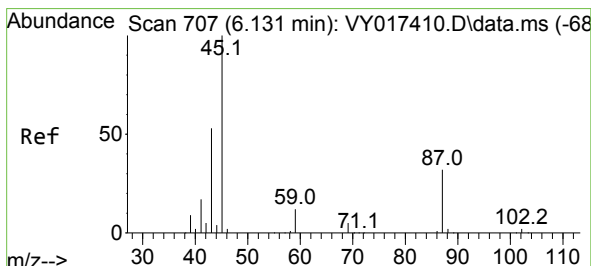
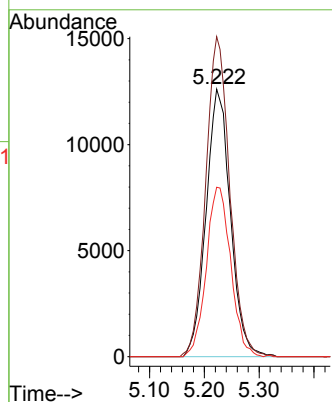
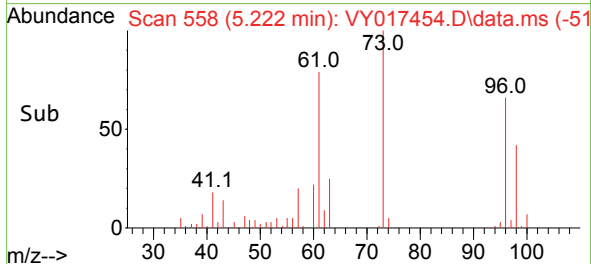


#21
trans-1,2-Dichloroethene
Concen: 19.304 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

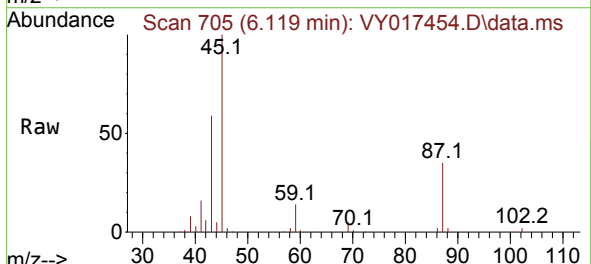
Instrument :
MSVOA_Y
ClientSampleId :



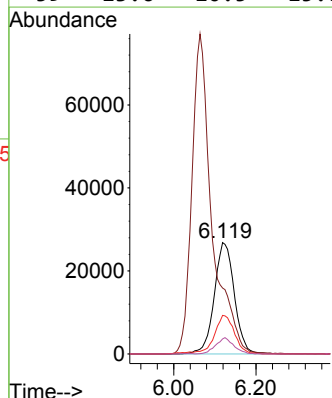
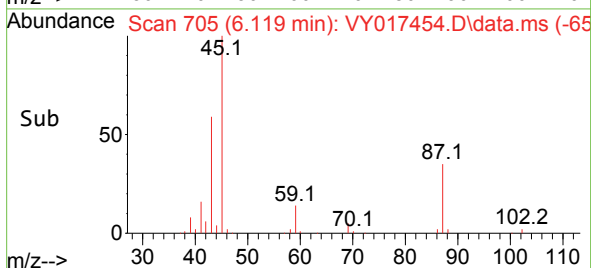
Tgt Ion: 96 Resp: 38857
Ion Ratio Lower Upper
96 100
61 119.6 97.5 146.3
98 63.3 50.5 75.7

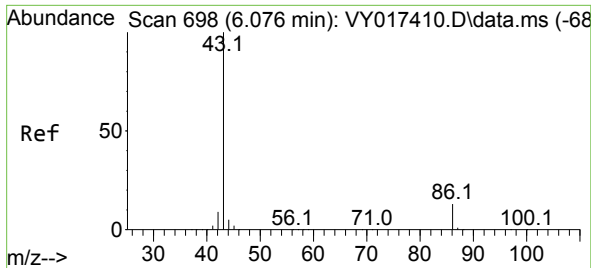


#22
Diisopropyl ether
Concen: 18.792 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.012 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32



Tgt Ion: 45 Resp: 91169
Ion Ratio Lower Upper
45 100
43 58.4 42.2 63.2
87 34.6 25.0 37.6
59 13.6 10.5 15.7

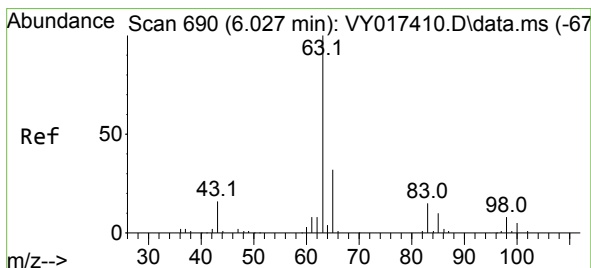
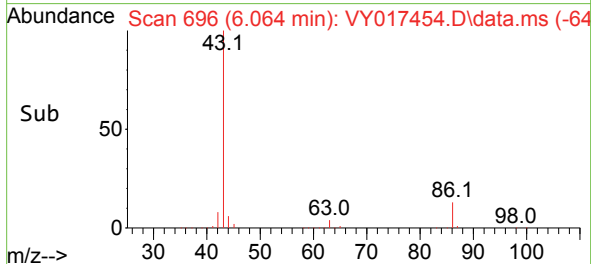
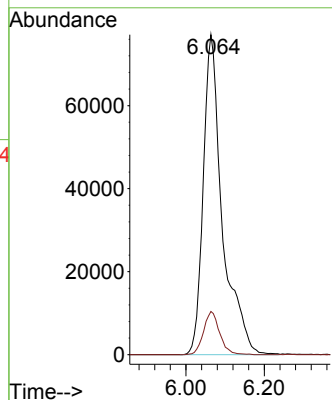
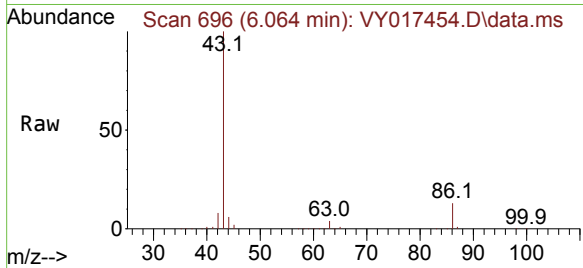




#23
 Vinyl Acetate
 Concen: 90.606 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.012 min
 Lab File: VY017454.D
 Acq: 22 Feb 2024 13:32

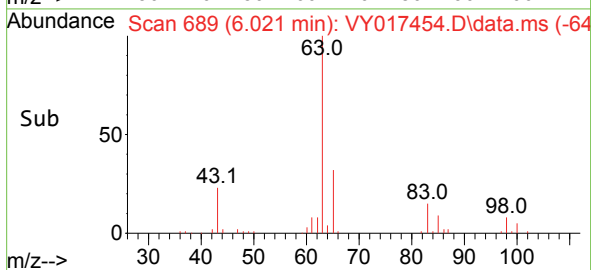
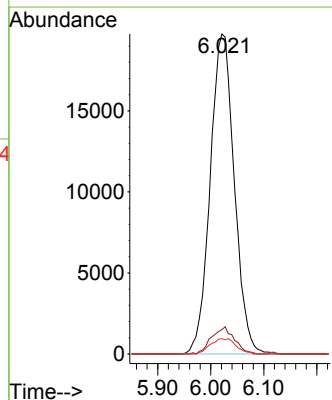
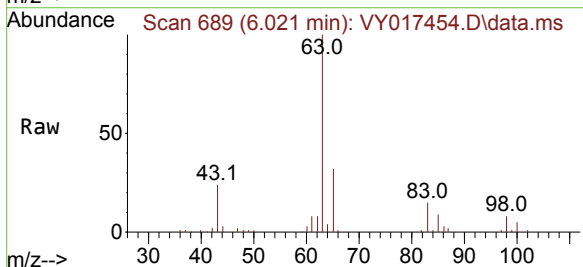
Instrument :
 MSVOA_Y
 ClientSampleId :

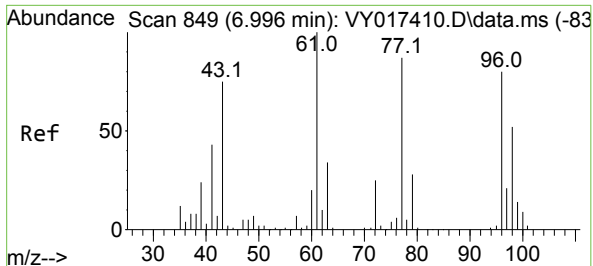
Tgt Ion: 43 Resp: 261241
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 18.976 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY017454.D
 Acq: 22 Feb 2024 13:32

Tgt Ion: 63 Resp: 62416
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 4.8 2.6 8.0





#25

2-Butanone

Concen: 92.921 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

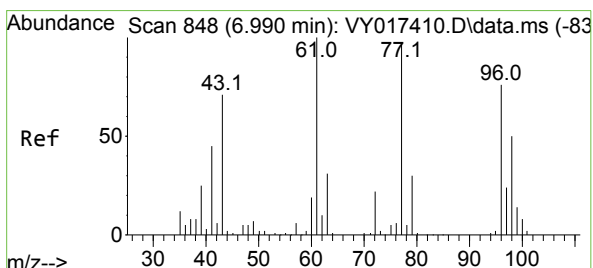
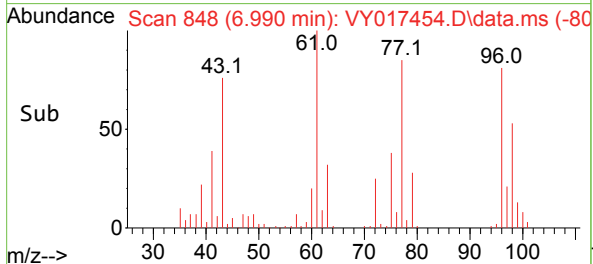
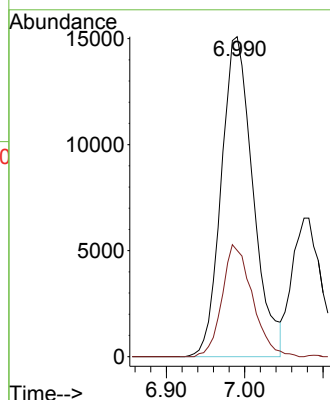
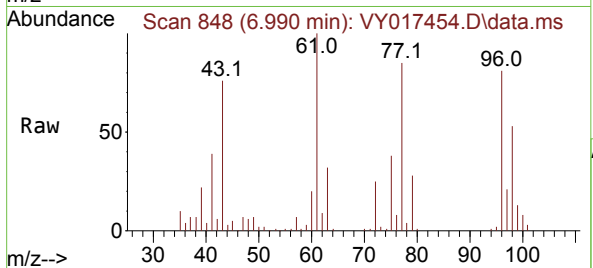
ClientSampleId :

Tgt Ion: 43 Resp: 42540

Ion Ratio Lower Upper

43 100

72 33.2 27.3 40.9



#26

2,2-Dichloropropane

Concen: 18.717 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY017454.D

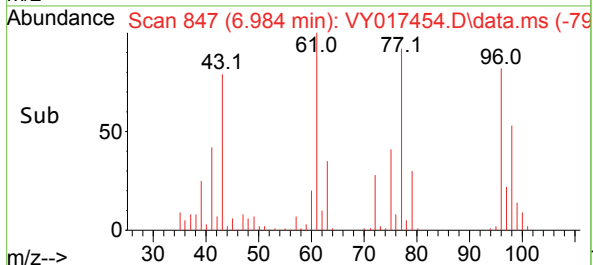
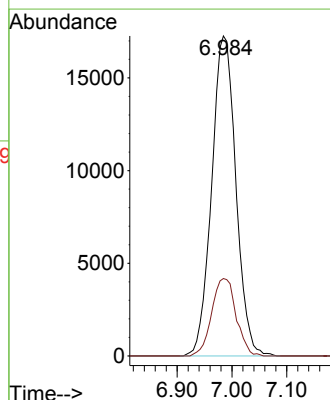
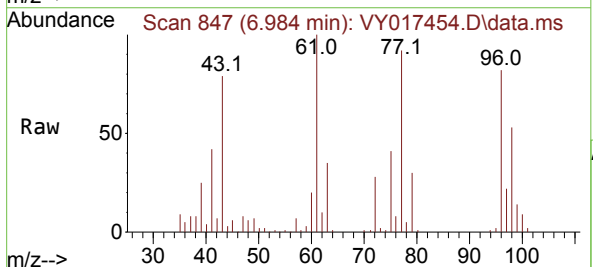
Acq: 22 Feb 2024 13:32

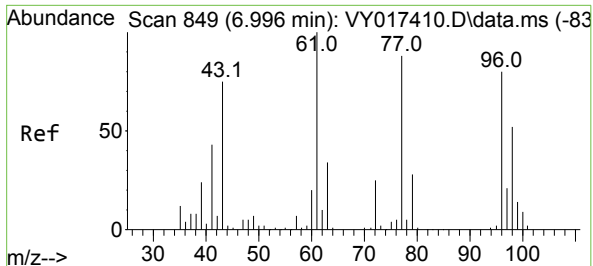
Tgt Ion: 77 Resp: 52972

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1



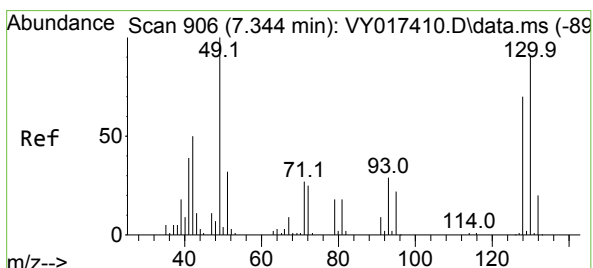
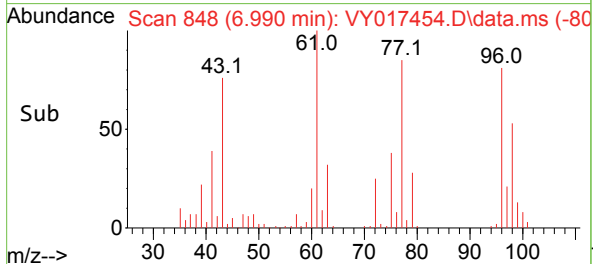
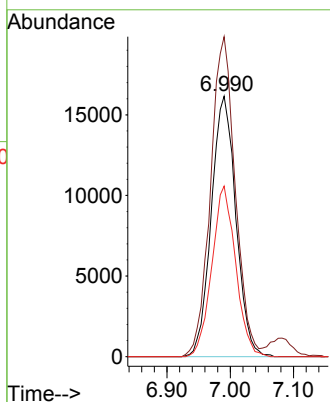
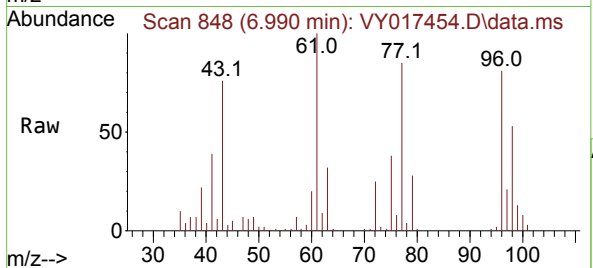


#27
 cis-1,2-Dichloroethene
 Concen: 19.488 ug/l
 RT: 6.990 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY017454.D
 Acq: 22 Feb 2024 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 43568

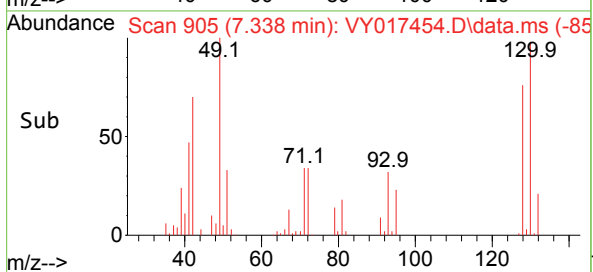
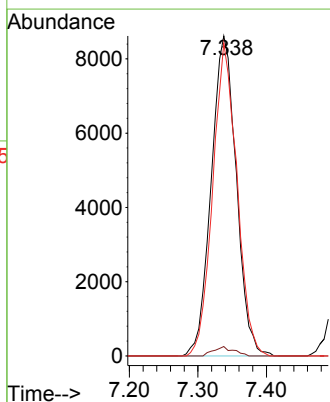
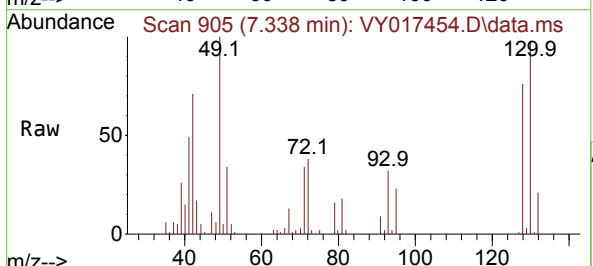
Ion	Ratio	Lower	Upper
96	100		
61	123.3	0.0	256.2
98	63.4	0.0	130.0

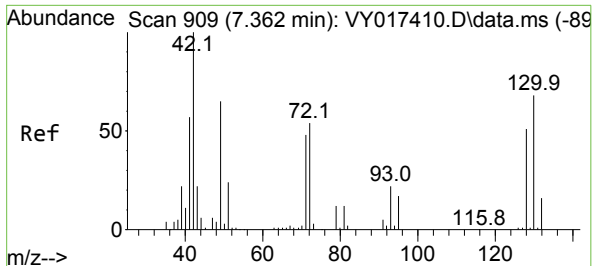


#28
 Bromochloromethane
 Concen: 17.718 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY017454.D
 Acq: 22 Feb 2024 13:32

Tgt Ion: 49 Resp: 21866

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	94.3	72.7	109.1





#29

Tetrahydrofuran

Concen: 93.068 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

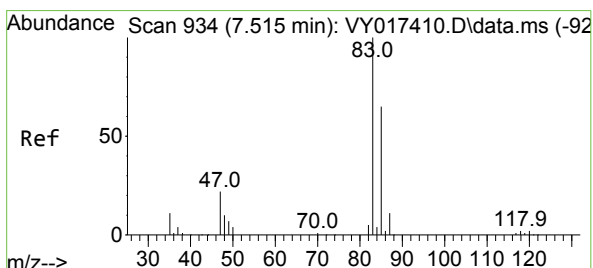
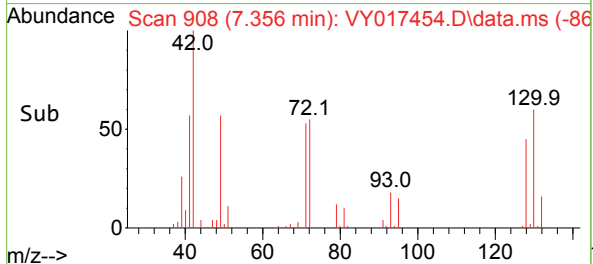
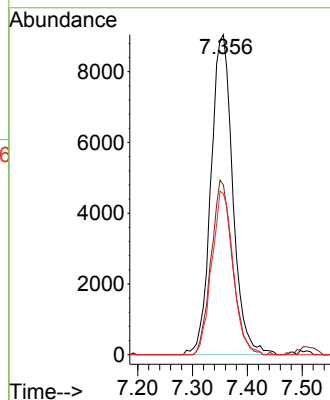
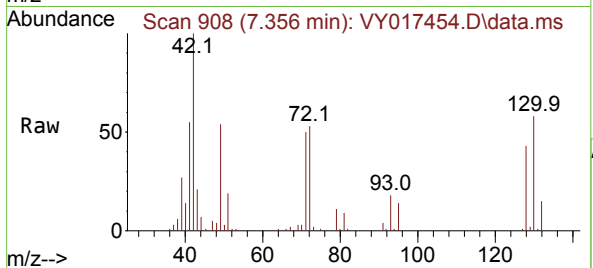
Tgt Ion: 42 Resp: 25047

Ion Ratio Lower Upper

42 100

72 53.0 43.0 64.4

71 50.1 40.8 61.2



#30

Chloroform

Concen: 19.279 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017454.D

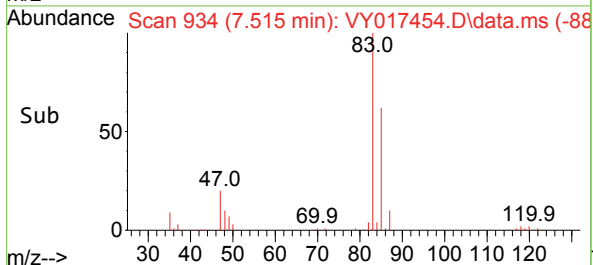
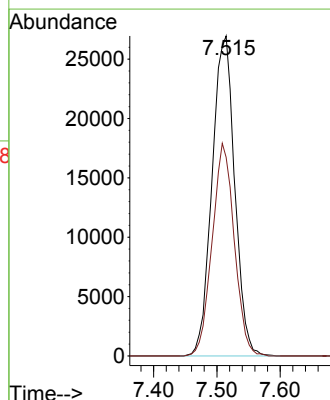
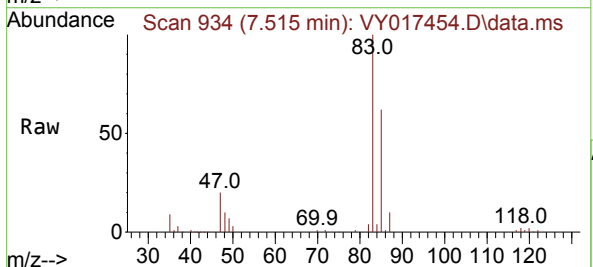
Acq: 22 Feb 2024 13:32

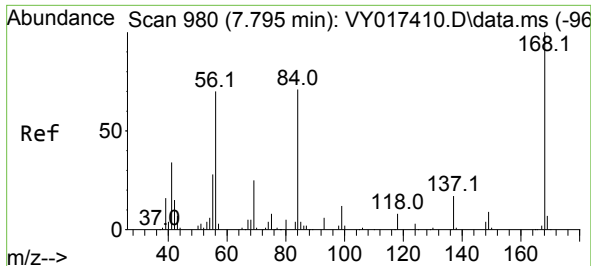
Tgt Ion: 83 Resp: 66939

Ion Ratio Lower Upper

83 100

85 62.1 52.2 78.4

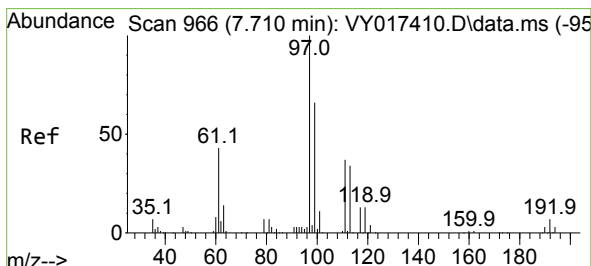
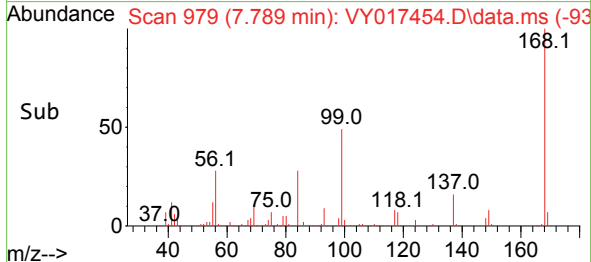
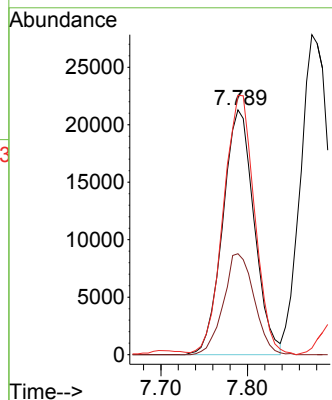
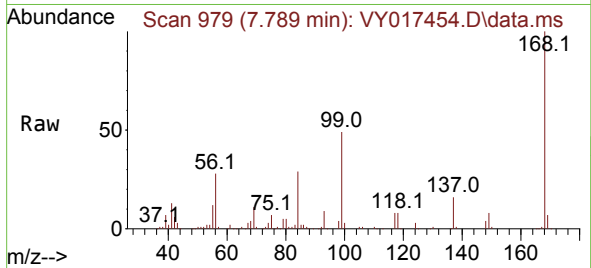




#31
Cyclohexane
Concen: 17.976 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

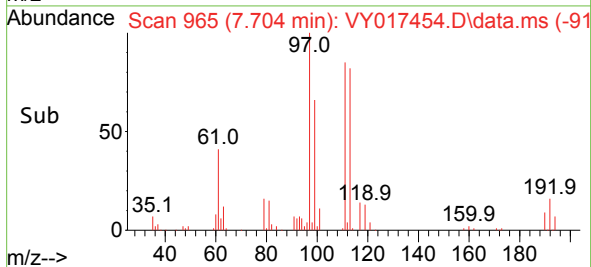
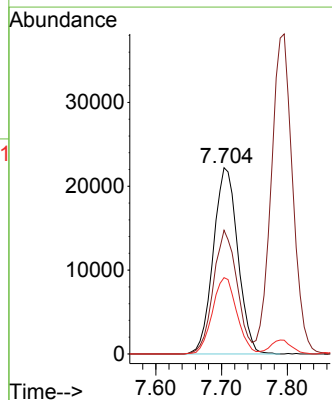
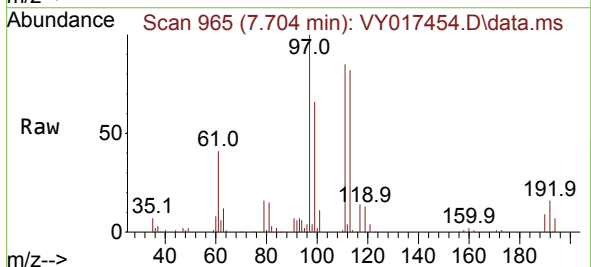
Instrument :
MSVOA_Y
ClientSampleId :

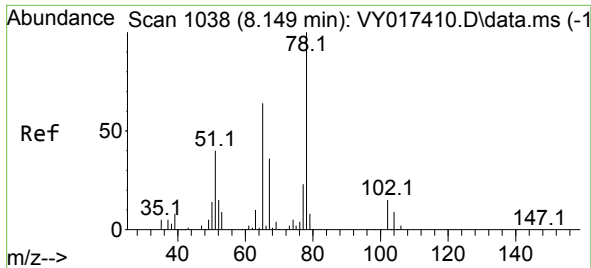
Tgt Ion: 56 Resp: 53590
Ion Ratio Lower Upper
56 100
69 41.3 28.7 43.1
84 104.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 18.766 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 97 Resp: 57553
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 40.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.772 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

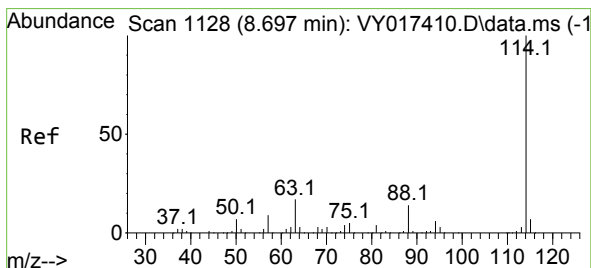
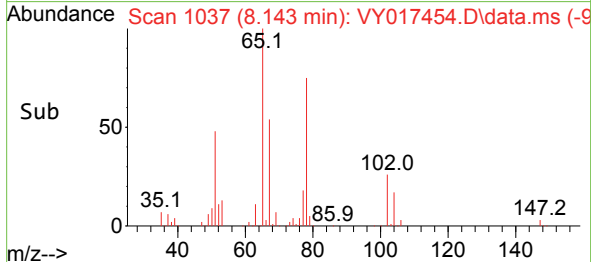
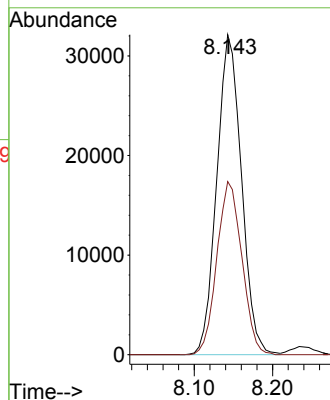
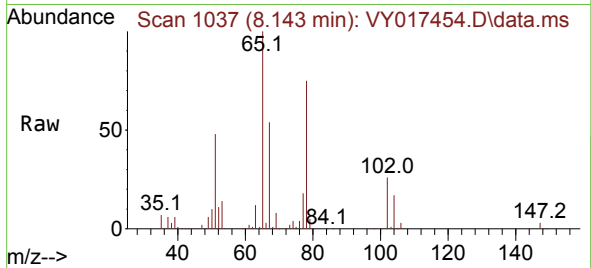
ClientSampleId :

Tgt Ion: 65 Resp: 70436

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

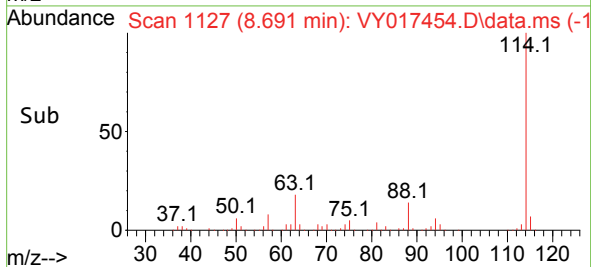
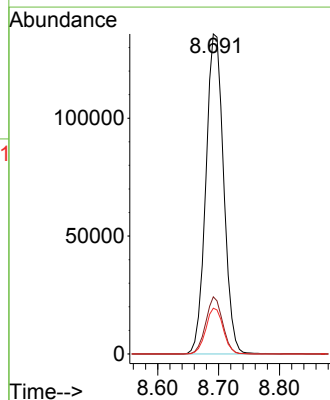
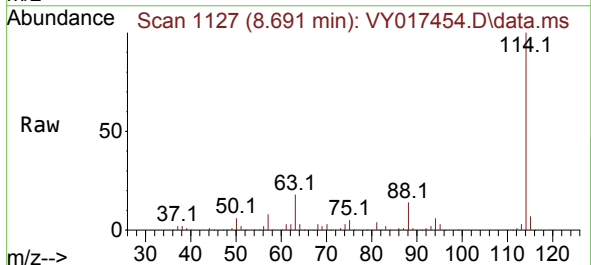
Tgt Ion: 114 Resp: 274763

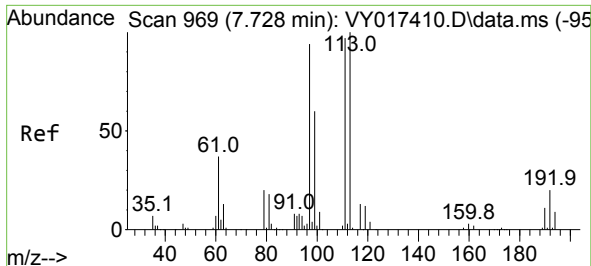
Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

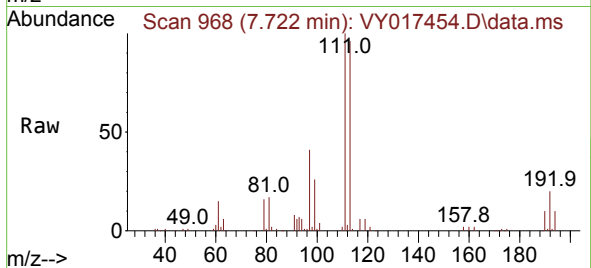
88 14.3 0.0 27.2



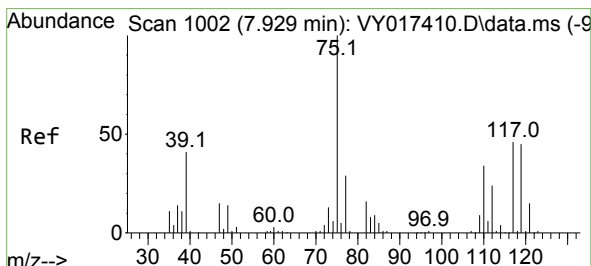
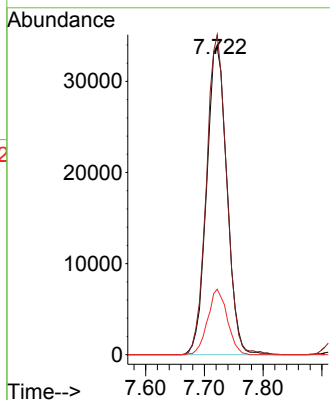
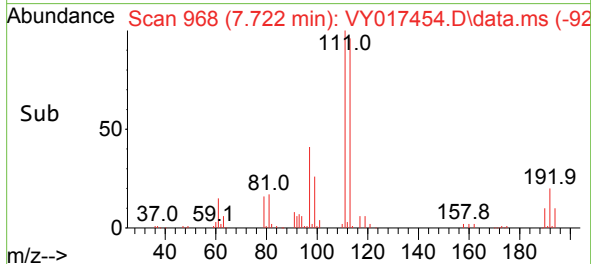


#35
 Dibromofluoromethane
 Concen: 50.808 ug/l
 RT: 7.722 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VY017454.D
 Acq: 22 Feb 2024 13:32

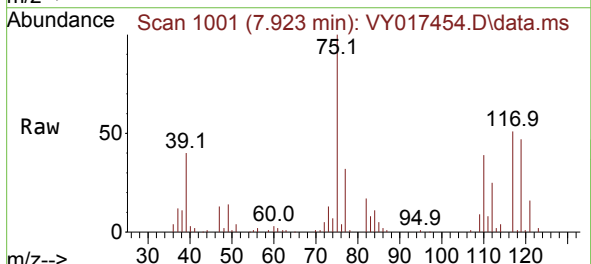
Instrument :
 MSVOA_Y
 ClientSampleId :



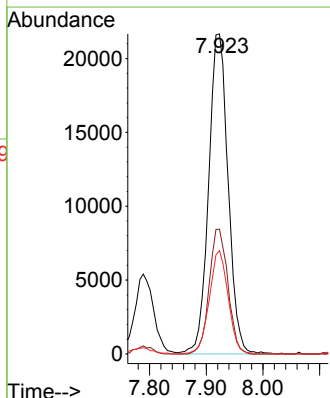
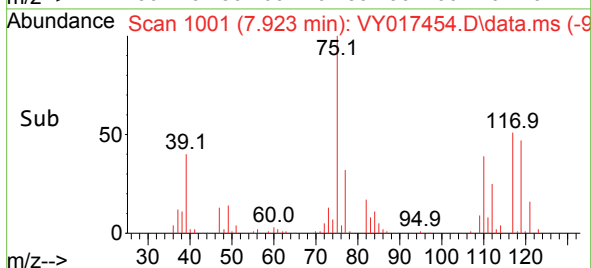
Tgt Ion:113	Resp:	81717
Ion	Ratio	Lower Upper
113	100	
111	102.8	82.2 123.4
192	20.4	15.9 23.9

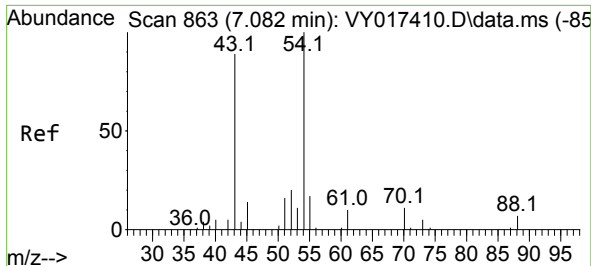


#36
 1,1-Dichloropropene
 Concen: 19.258 ug/l
 RT: 7.923 min Scan# 1001
 Delta R.T. -0.006 min
 Lab File: VY017454.D
 Acq: 22 Feb 2024 13:32



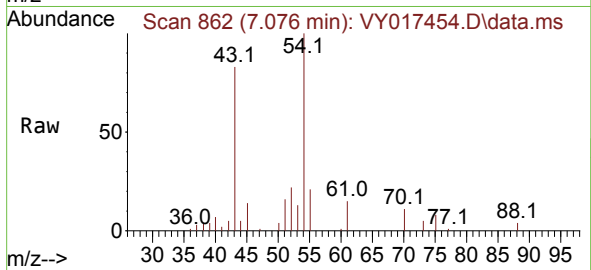
Tgt Ion: 75	Resp:	51730
Ion	Ratio	Lower Upper
75	100	
110	37.5	19.0 57.0
77	31.2	25.3 37.9



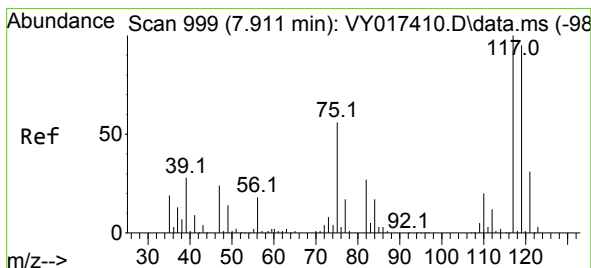
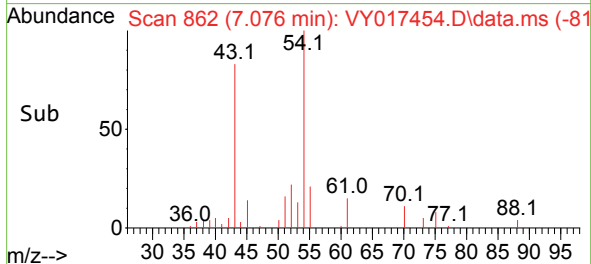
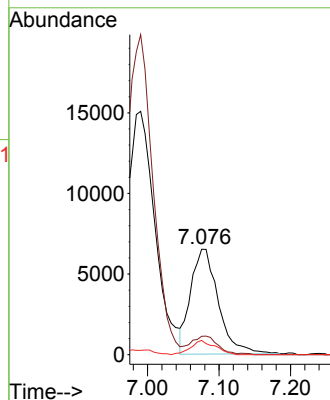


#37
Ethyl Acetate
Concen: 17.926 ug/l
RT: 7.076 min Scan# 862
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

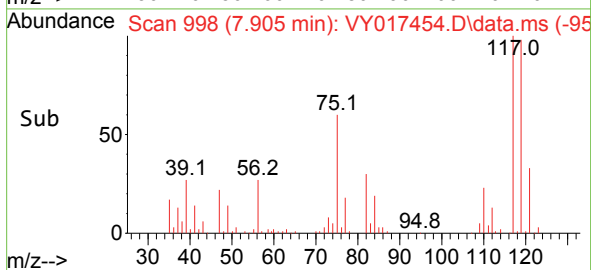
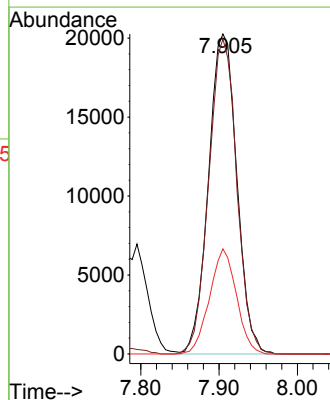
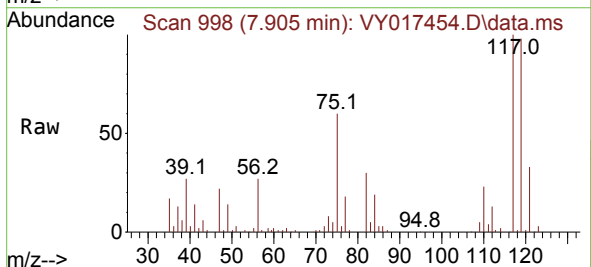


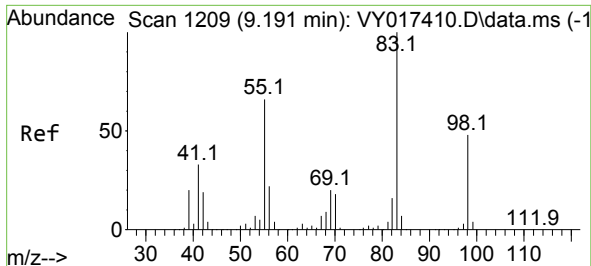
Tgt Ion: 43 Resp: 17534
Ion Ratio Lower Upper
43 100
61 16.8 12.6 19.0
70 11.9 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 19.044 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 117 Resp: 50933
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.6
121 32.9 24.0 36.0





#39

Methylcyclohexane

Concen: 19.002 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

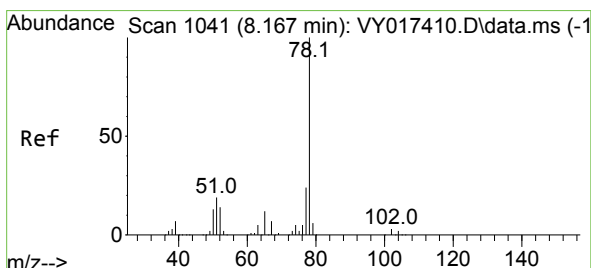
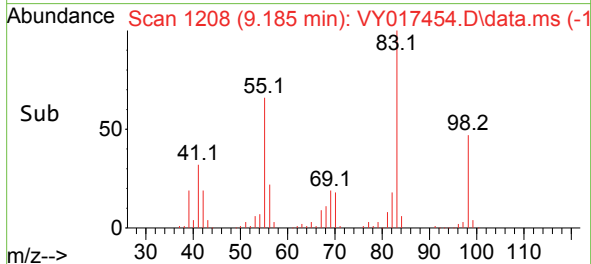
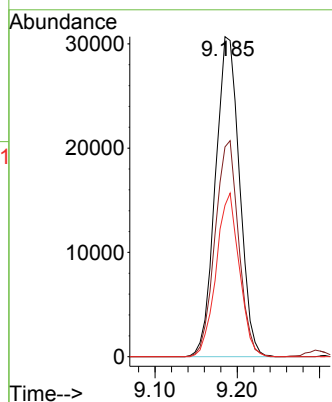
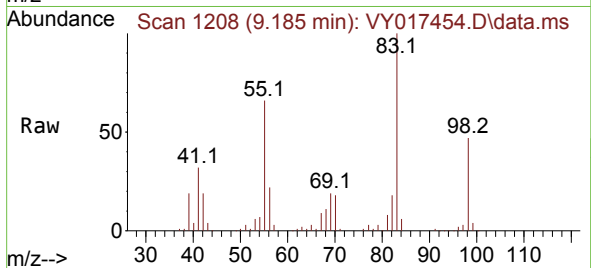
Tgt Ion: 83 Resp: 62480

Ion Ratio Lower Upper

83 100

55 65.5 51.5 77.3

98 47.3 40.5 60.7



#40

Benzene

Concen: 19.519 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY017454.D

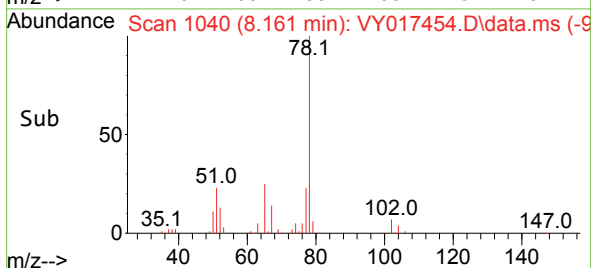
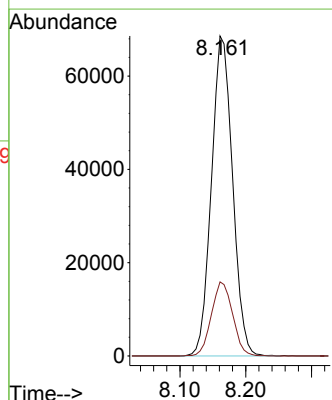
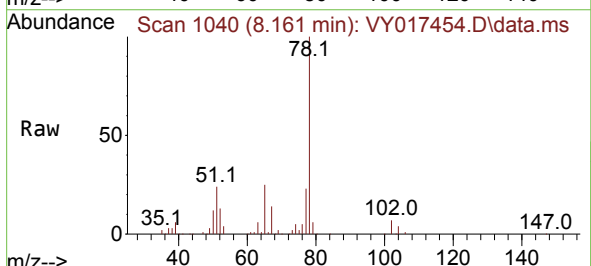
Acq: 22 Feb 2024 13:32

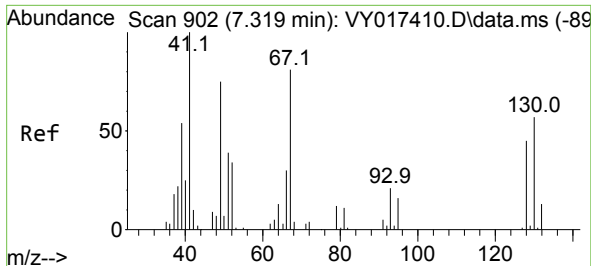
Tgt Ion: 78 Resp: 153192

Ion Ratio Lower Upper

78 100

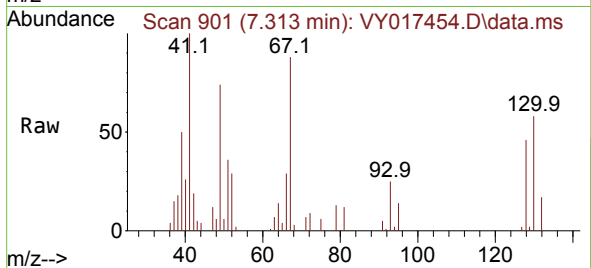
77 23.1 19.5 29.3



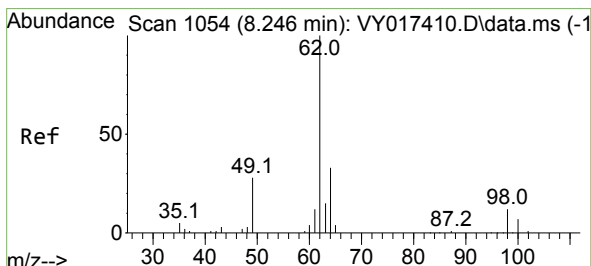
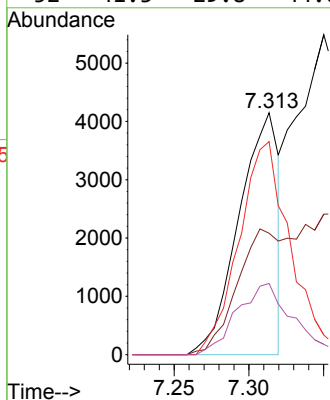
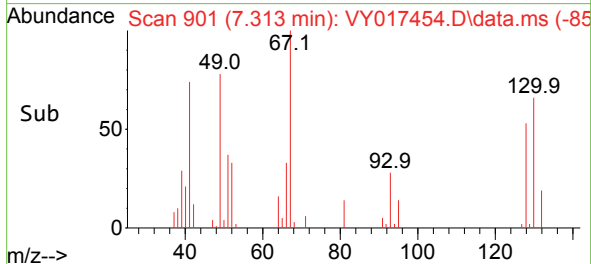


#41
Methacrylonitrile
Concen: 16.099 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

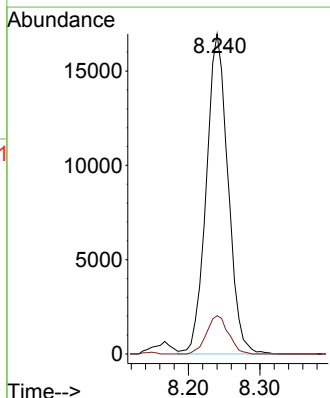
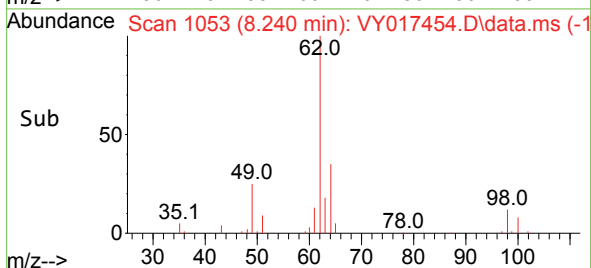
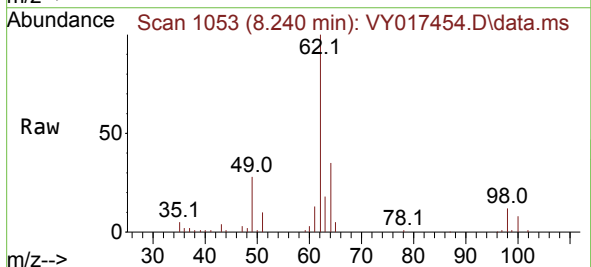


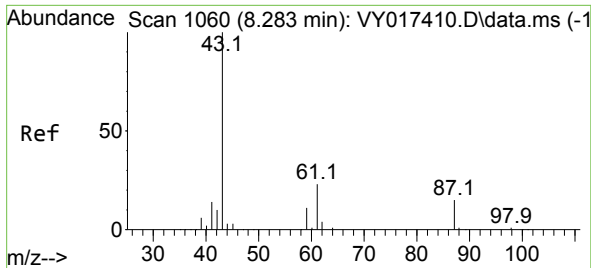
Tgt Ion: 41 Resp: 7690
Ion Ratio Lower Upper
41 100
39 54.5 48.0 72.0
67 115.2 75.1 112.7#
52 41.3 29.8 44.6



#42
1,2-Dichloroethane
Concen: 18.809 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

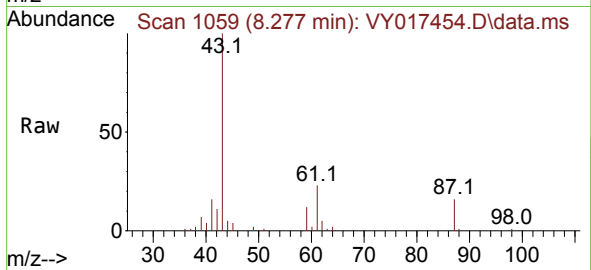
Tgt Ion: 62 Resp: 35832
Ion Ratio Lower Upper
62 100
98 12.0 0.0 22.0



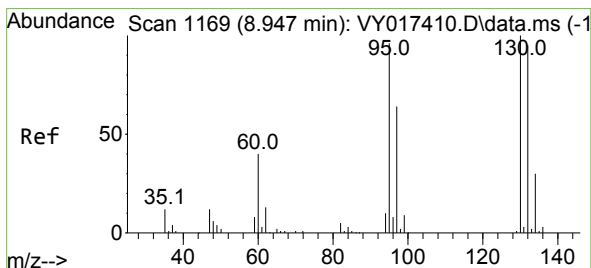
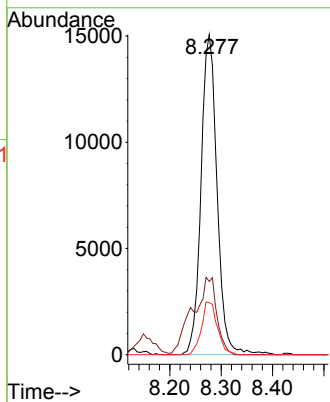
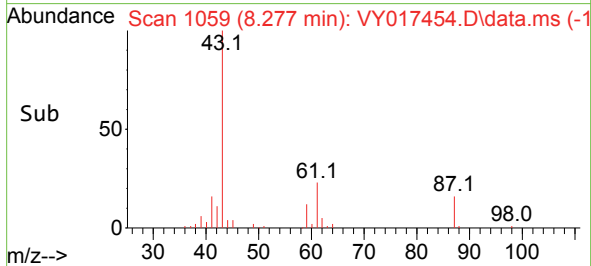


#43
Isopropyl Acetate
Concen: 18.476 ug/l
RT: 8.277 min Scan# 11059
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

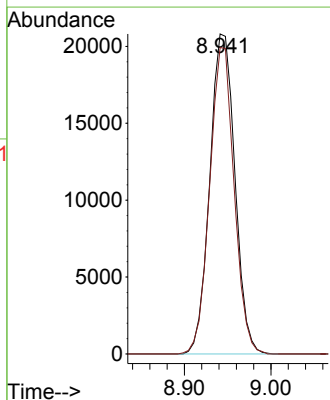
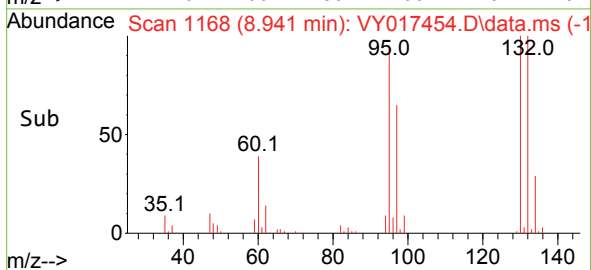
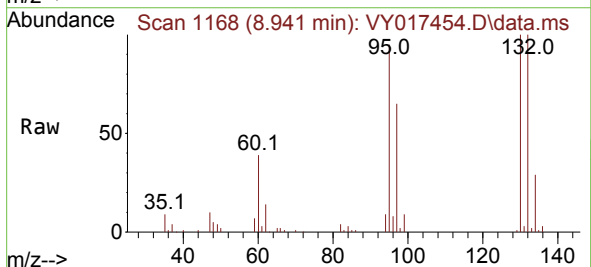


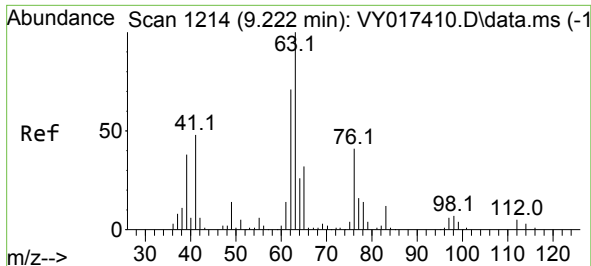
Tgt Ion: 43 Resp: 32657
Ion Ratio Lower Upper
43 100
61 36.1 27.9 41.9
87 16.3 13.1 19.7



#44
Trichloroethene
Concen: 19.714 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion:130 Resp: 41938
Ion Ratio Lower Upper
130 100
95 95.7 0.0 188.0

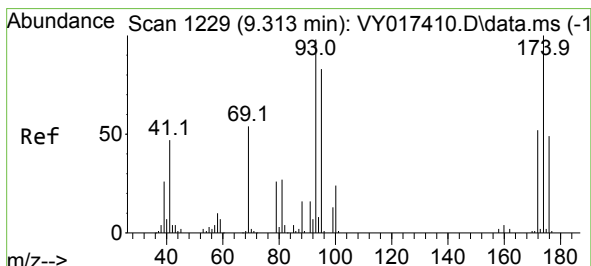
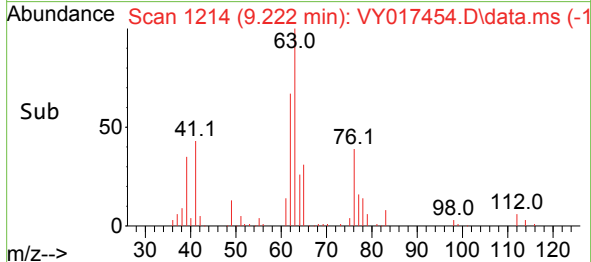
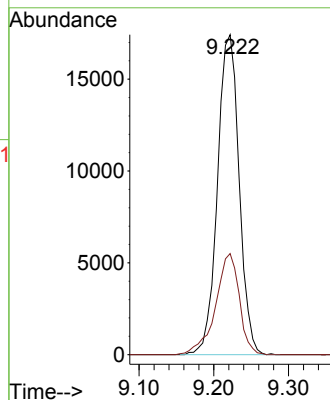
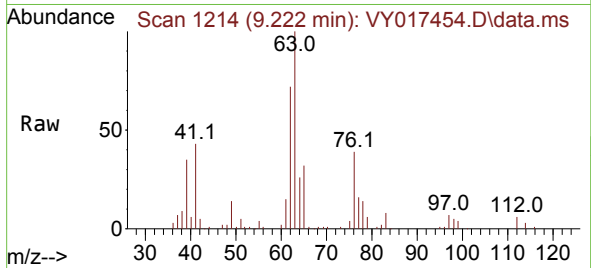




#45
1,2-Dichloropropane
Concen: 19.347 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

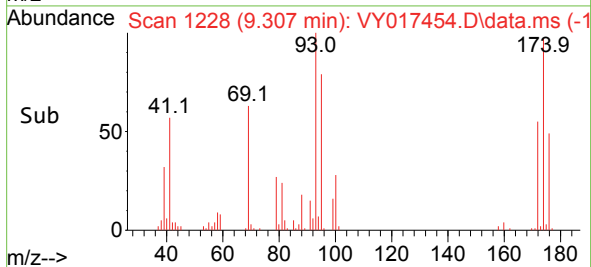
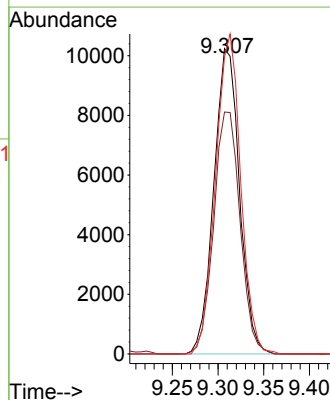
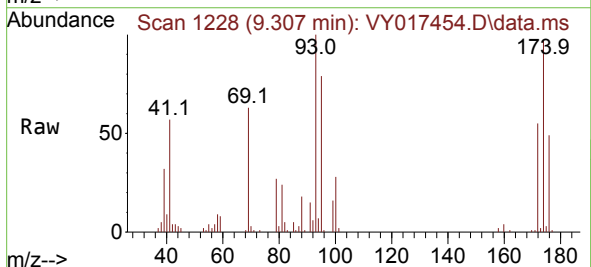
Instrument :
MSVOA_Y
ClientSampleId :

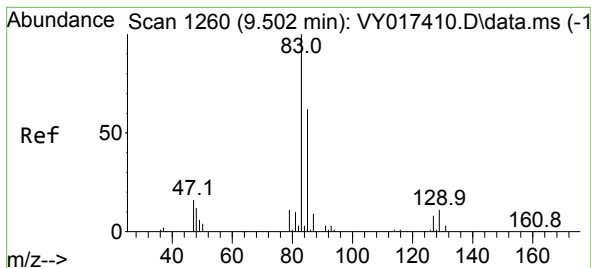
Tgt Ion: 63 Resp: 35099
Ion Ratio Lower Upper
63 100
65 31.6 25.4 38.2



#46
Dibromomethane
Concen: 19.402 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 93 Resp: 20006
Ion Ratio Lower Upper
93 100
95 81.5 66.2 99.4
174 102.8 80.9 121.3





#47

Bromodichloromethane

Concen: 19.502 ug/l

RT: 9.502 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017454.D

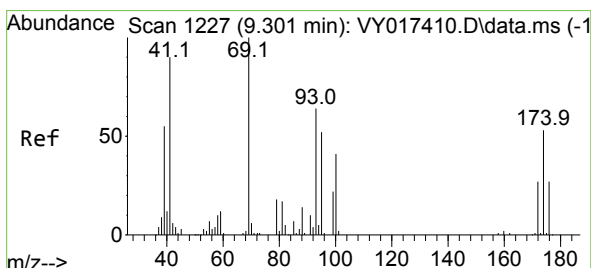
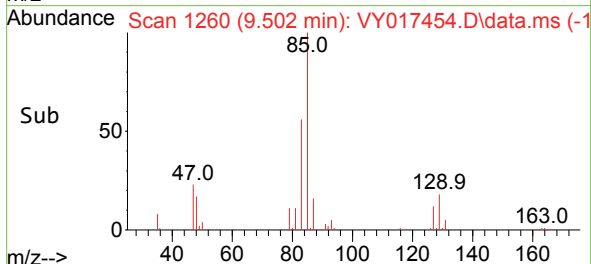
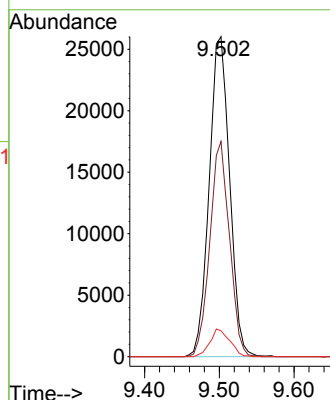
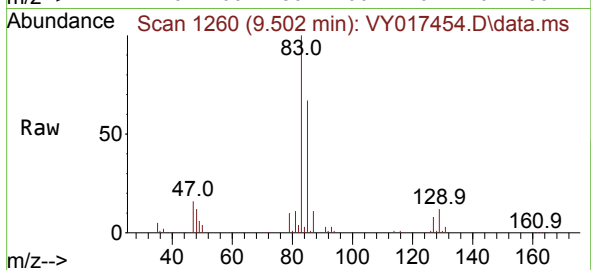
Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp:	49444
Ion	Ratio	Lower Upper
83	100	
85	67.3	50.1 75.1
127	8.1	7.4 11.0



#48

Methyl methacrylate

Concen: 17.934 ug/l

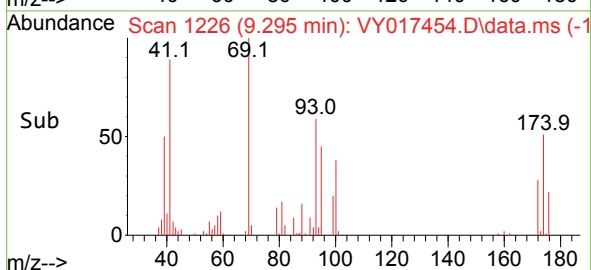
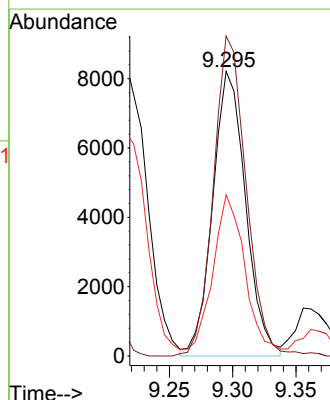
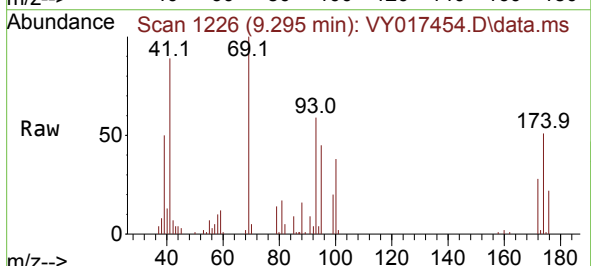
RT: 9.295 min Scan# 1226

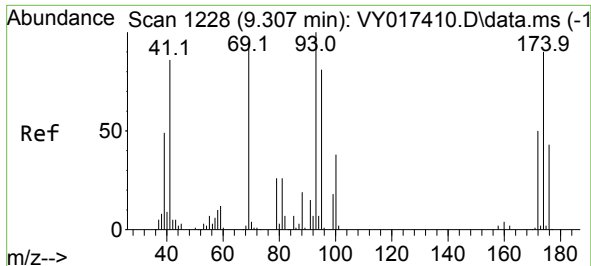
Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Tgt Ion: 41	Resp:	14873
Ion	Ratio	Lower Upper
41	100	
69	111.9	84.1 126.1
39	51.6	43.6 65.4





#49

1,4-Dioxane

Concen: 387.950 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

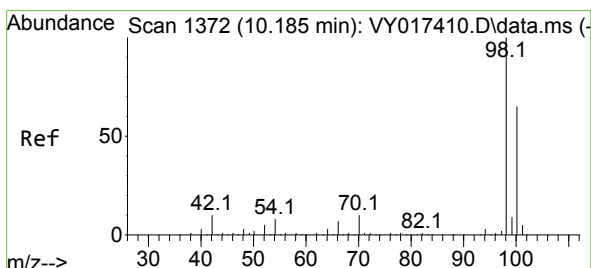
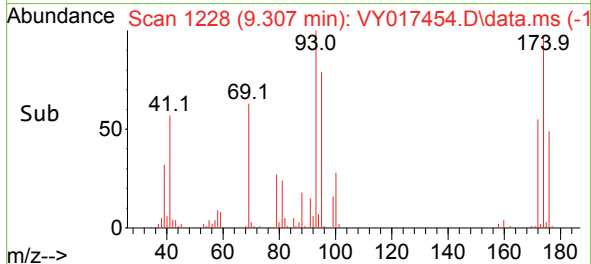
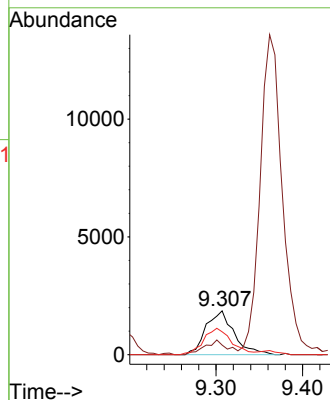
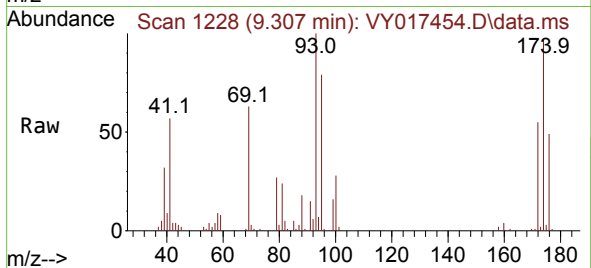
Tgt Ion: 88 Resp: 4184

Ion Ratio Lower Upper

88 100

43 26.6 0.0 0.0#

58 59.4 49.3 73.9



#50

Toluene-d8

Concen: 50.846 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017454.D

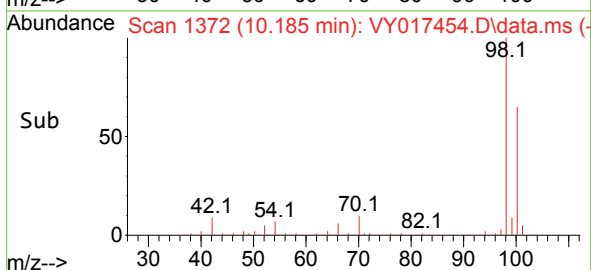
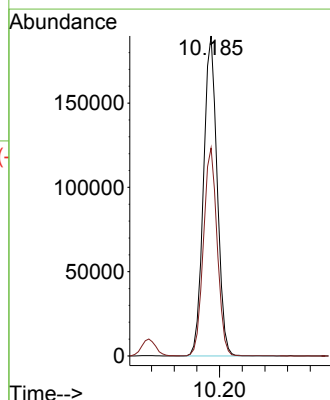
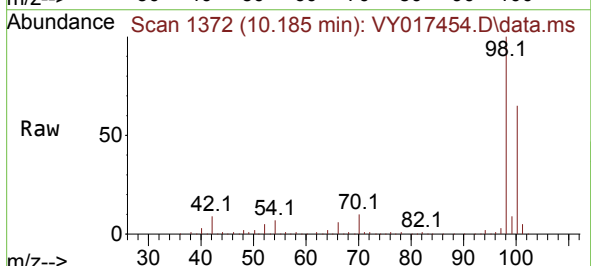
Acq: 22 Feb 2024 13:32

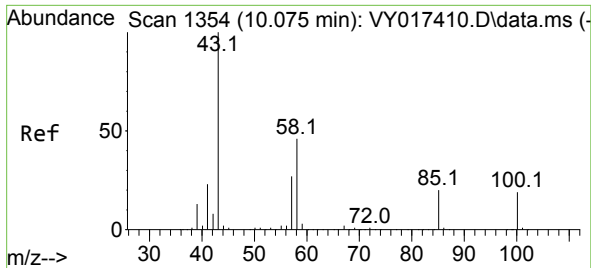
Tgt Ion: 98 Resp: 317165

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

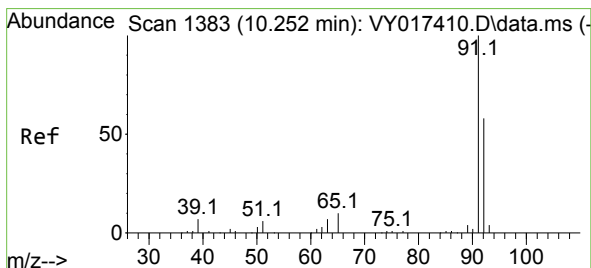
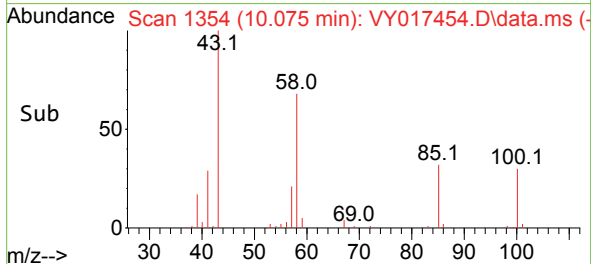
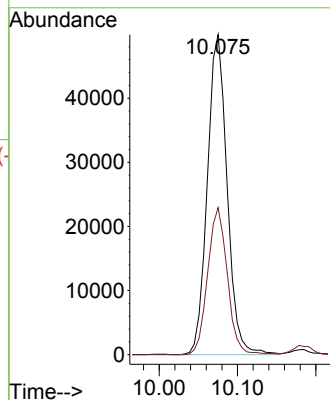
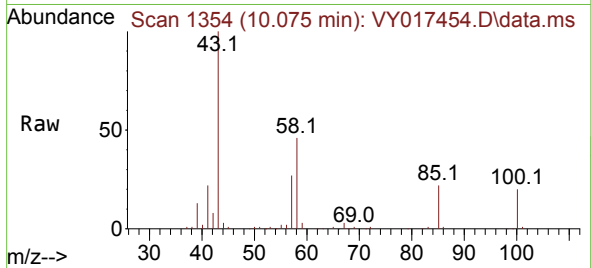




#51
4-Methyl-2-Pentanone
Concen: 91.930 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

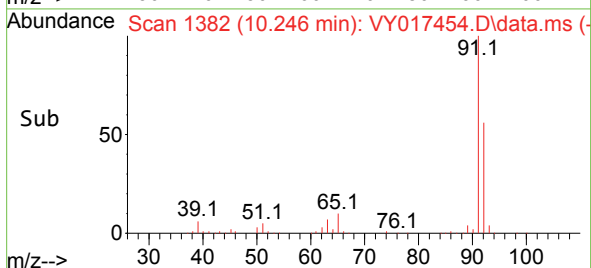
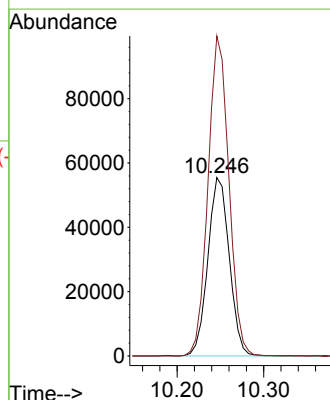
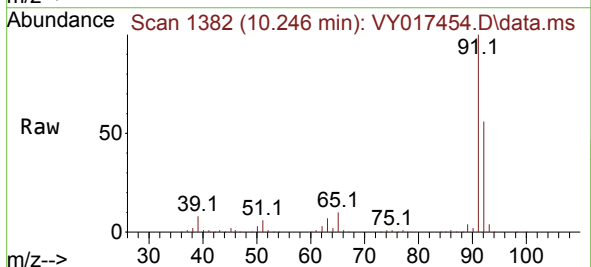
Instrument :
MSVOA_Y
ClientSampleId :

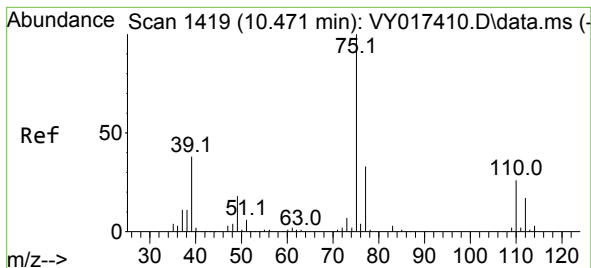
Tgt Ion: 43 Resp: 87555
Ion Ratio Lower Upper
43 100
58 45.7 35.7 53.5



#52
Toluene
Concen: 19.465 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 92 Resp: 95370
Ion Ratio Lower Upper
92 100
91 174.7 139.0 208.6

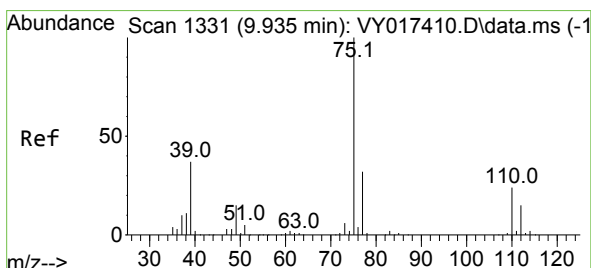
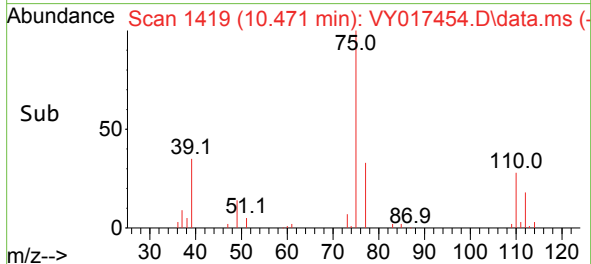
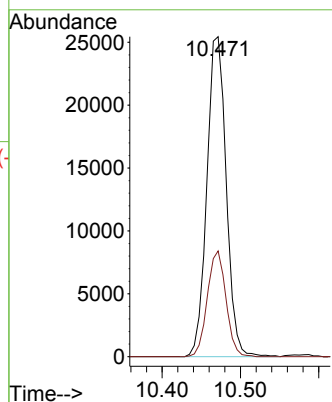
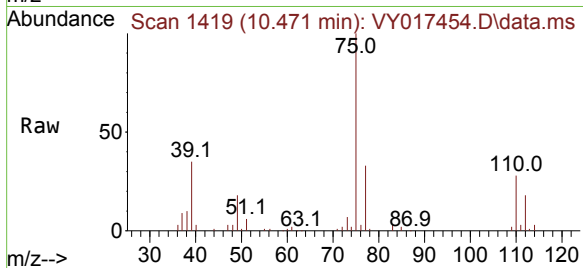




#53
 t-1,3-Dichloropropene
 Concen: 18.598 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017454.D
 Acq: 22 Feb 2024 13:32

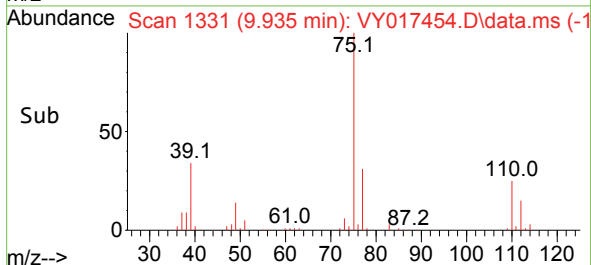
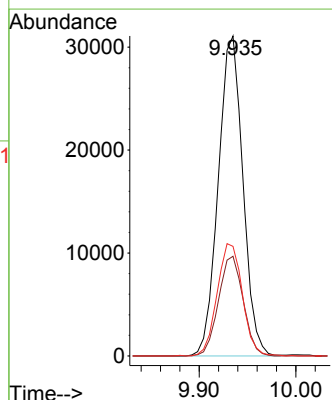
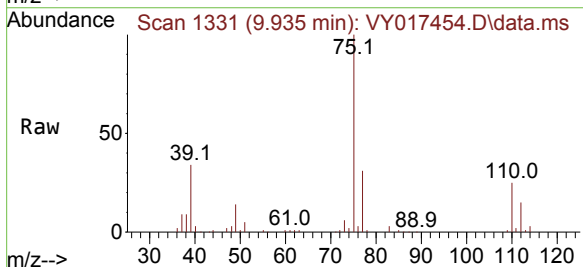
Instrument :
 MSVOA_Y
 ClientSampleId :

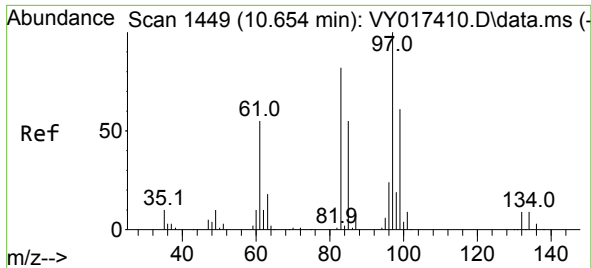
Tgt Ion: 75 Resp: 43659
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.076 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017454.D
 Acq: 22 Feb 2024 13:32

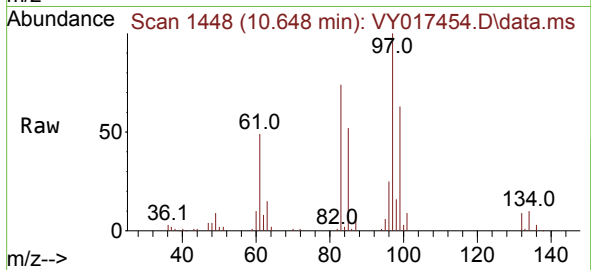
Tgt Ion: 75 Resp: 54943
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 34.0 29.8 44.6



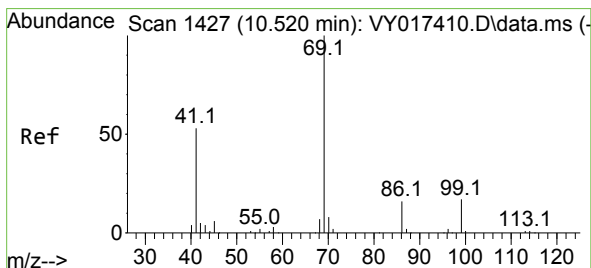
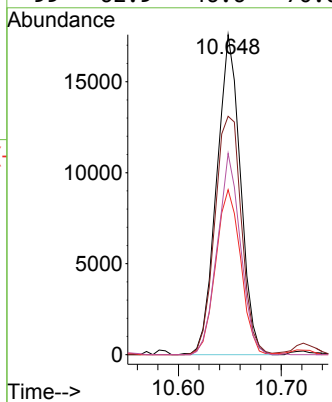
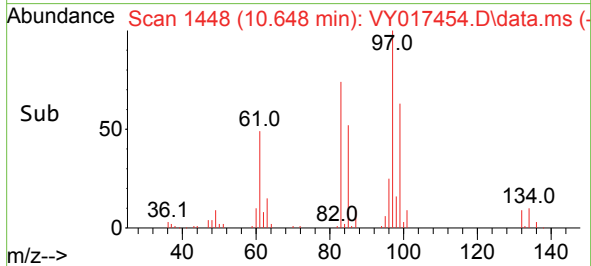


#55
1,1,2-Trichloroethane
Concen: 19.856 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Instrument :
MSVOA_Y
ClientSampleId :

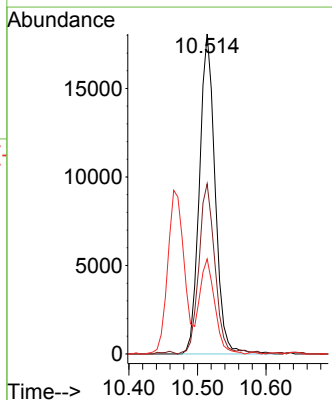
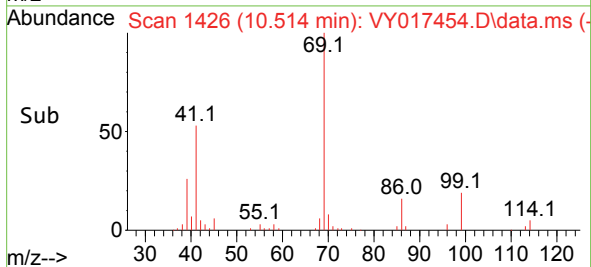
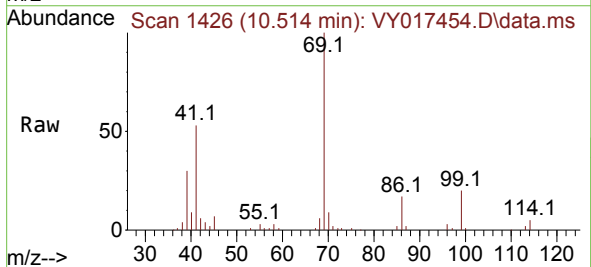


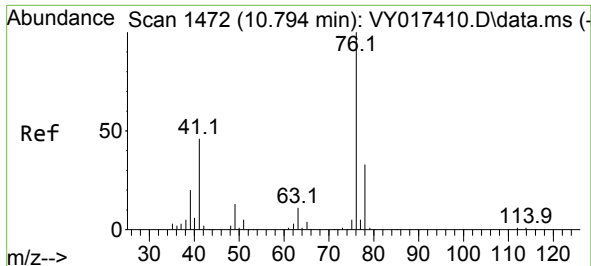
Tgt Ion: 97 Resp: 28171
Ion Ratio Lower Upper
97 100
83 74.5 67.5 101.3
85 51.5 42.9 64.3
99 62.9 46.6 70.0



#56
Ethyl methacrylate
Concen: 18.624 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 69 Resp: 28843
Ion Ratio Lower Upper
69 100
41 55.0 42.3 63.5
39 27.9 22.9 34.3





#57

1,3-Dichloropropane

Concen: 19.415 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

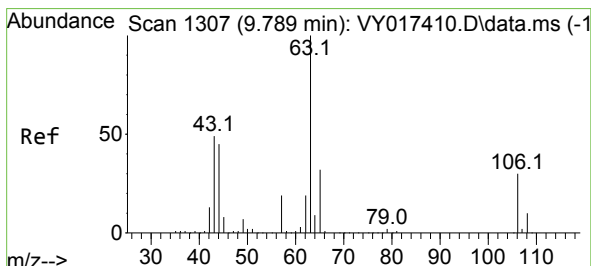
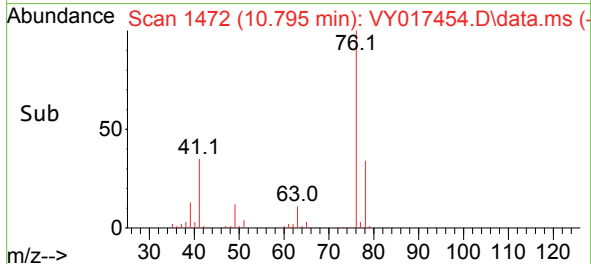
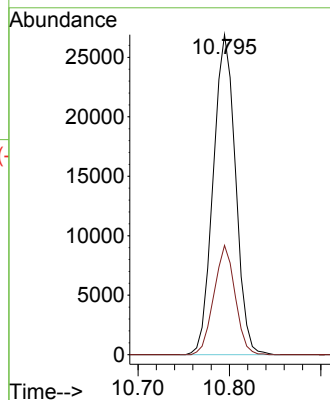
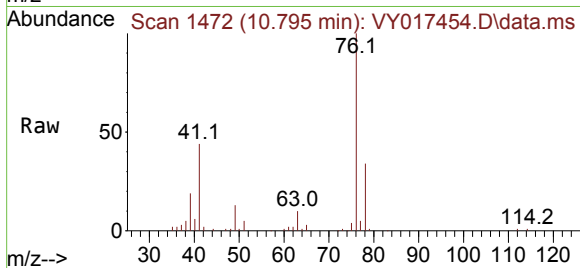
ClientSampleId :

Tgt Ion: 76 Resp: 45577

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 90.097 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY017454.D

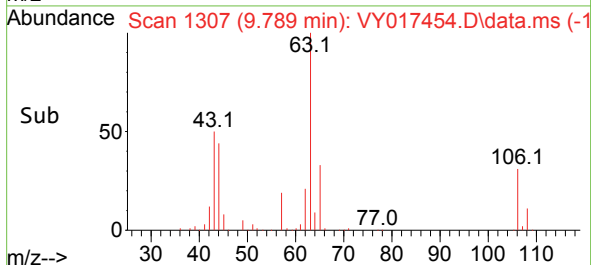
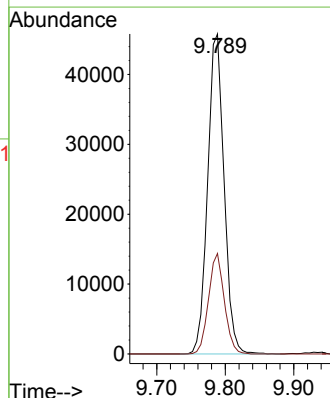
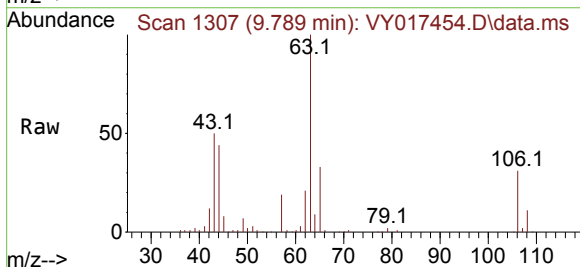
Acq: 22 Feb 2024 13:32

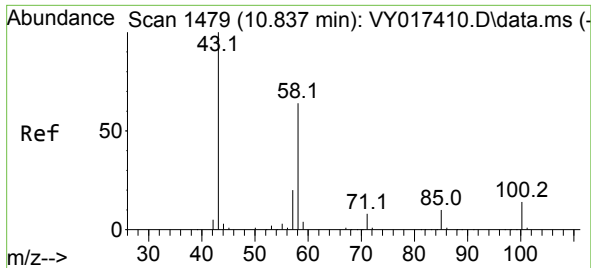
Tgt Ion: 63 Resp: 76377

Ion Ratio Lower Upper

63 100

106 30.3 23.7 35.5

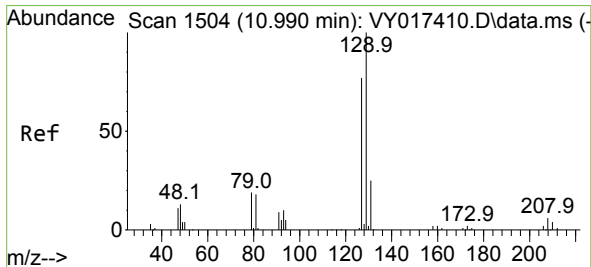
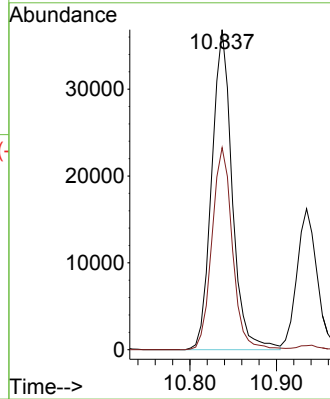
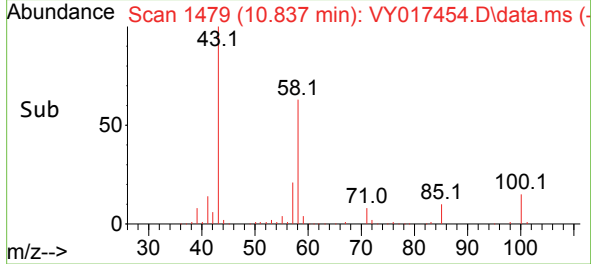
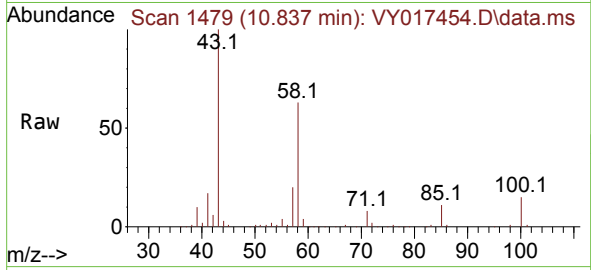




#59
2-Hexanone
Concen: 91.987 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

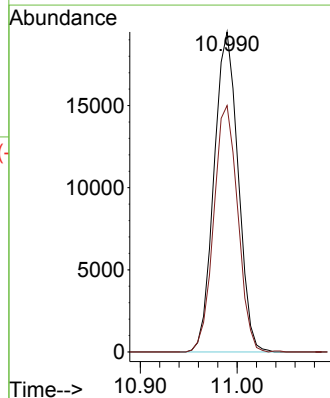
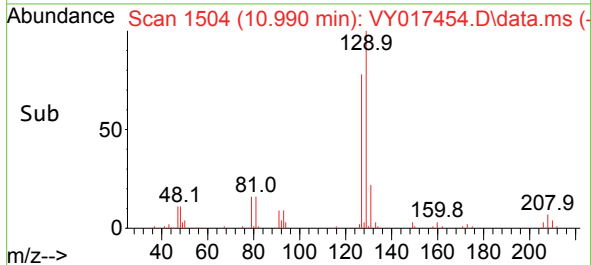
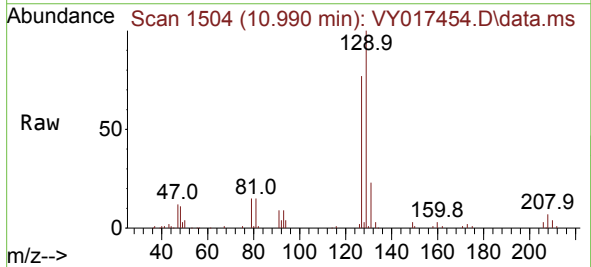
Instrument :
MSVOA_Y
ClientSampleId :

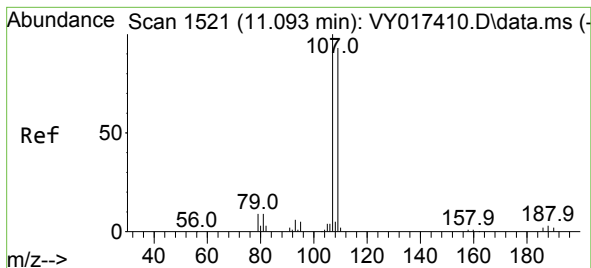
Tgt Ion: 43 Resp: 60344
Ion Ratio Lower Upper
43 100
58 63.3 31.4 94.0



#60
Dibromochloromethane
Concen: 19.962 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 129 Resp: 33666
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.457 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

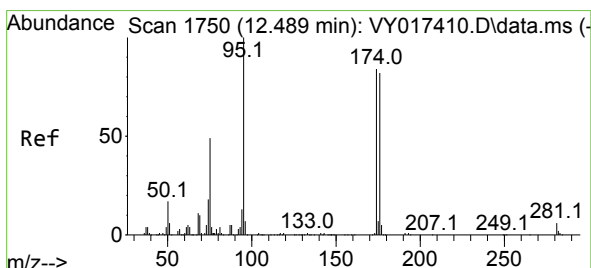
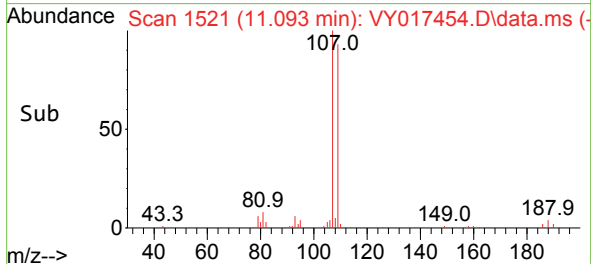
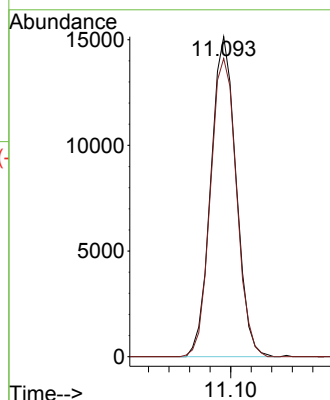
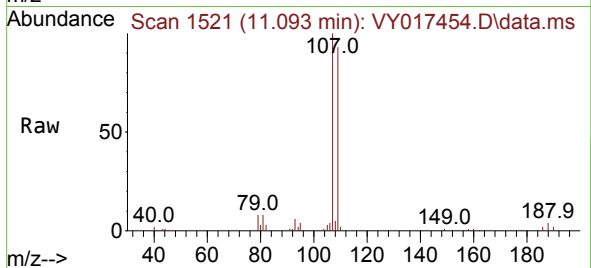
ClientSampleId :

Tgt Ion:107 Resp: 25826

Ion Ratio Lower Upper

107 100

109 96.0 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 45.945 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

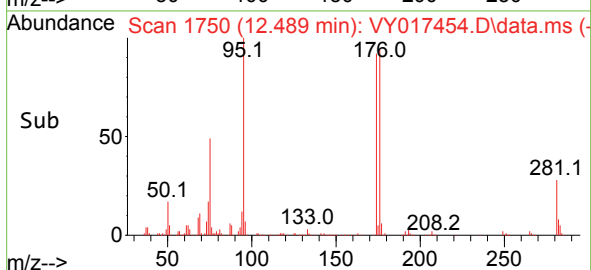
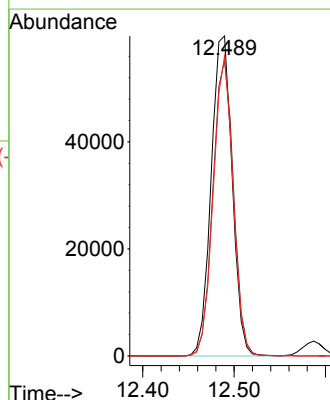
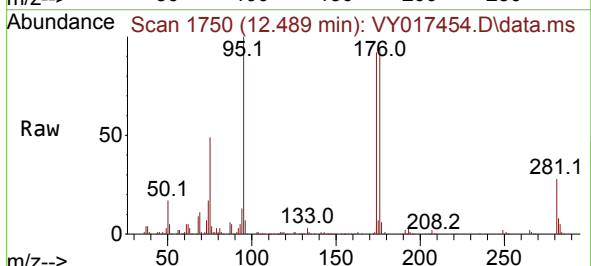
Tgt Ion: 95 Resp: 95283

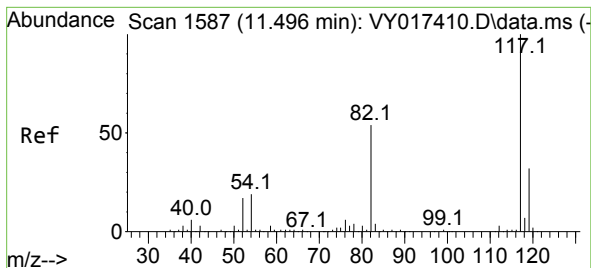
Ion Ratio Lower Upper

95 100

174 90.8 0.0 175.6

176 88.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

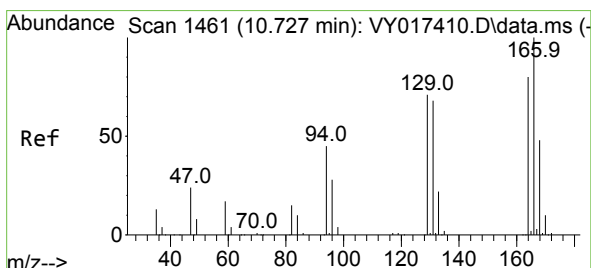
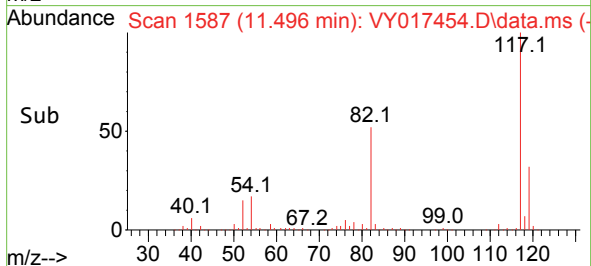
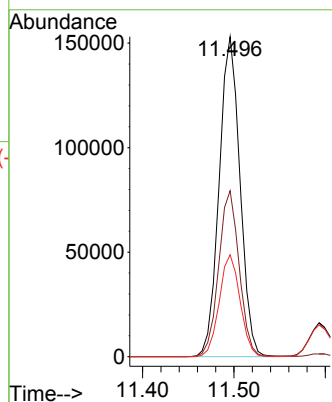
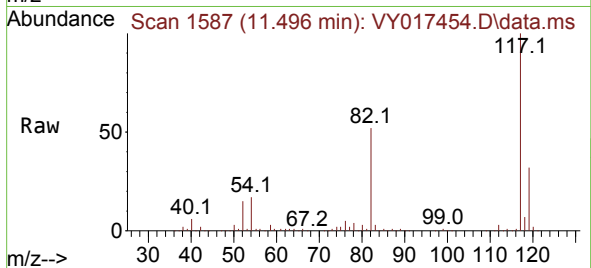
Tgt Ion:117 Resp: 242759

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 19.614 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Tgt Ion:164 Resp: 38107

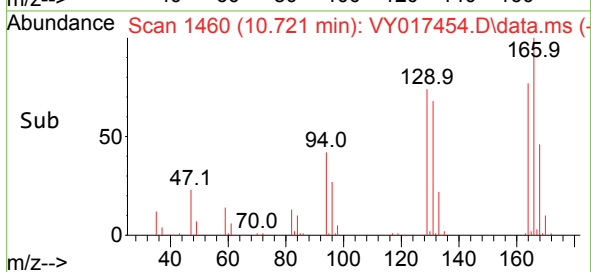
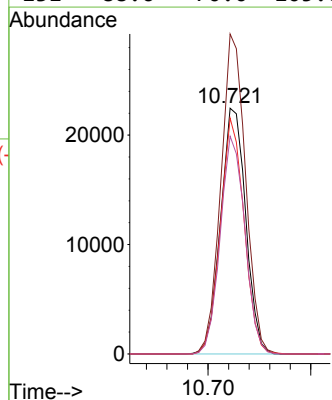
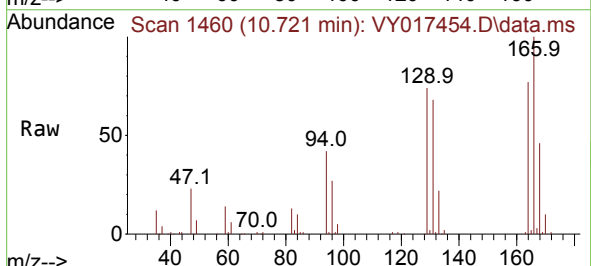
Ion Ratio Lower Upper

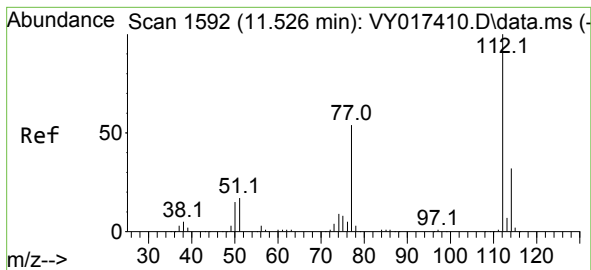
164 100

166 130.2 102.6 154.0

129 95.9 72.0 108.0

131 88.6 70.0 105.0

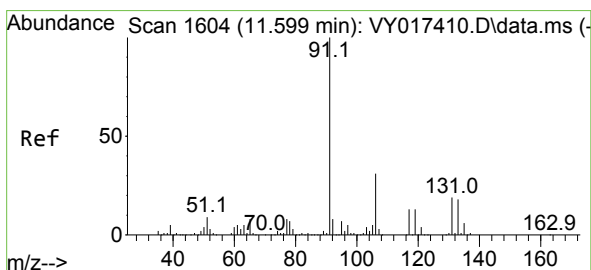
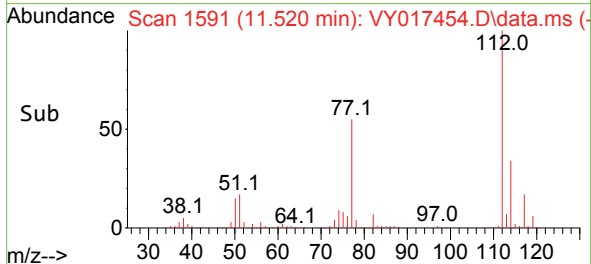
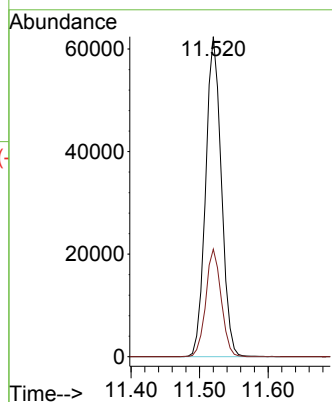
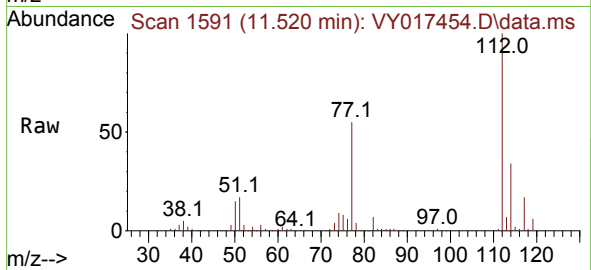




#65
Chlorobenzene
Concen: 19.022 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

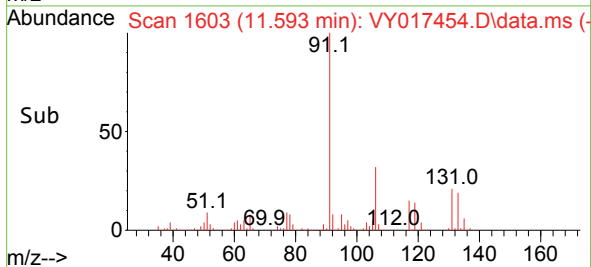
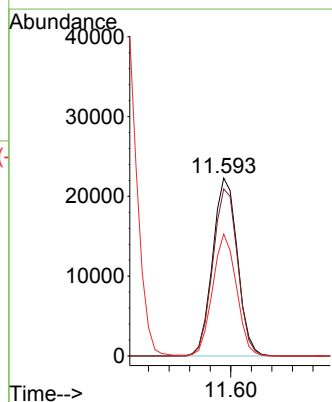
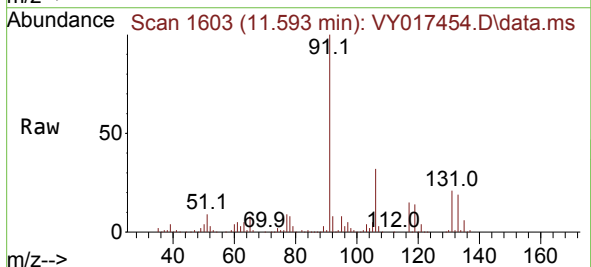
Instrument :
MSVOA_Y
ClientSampleId :

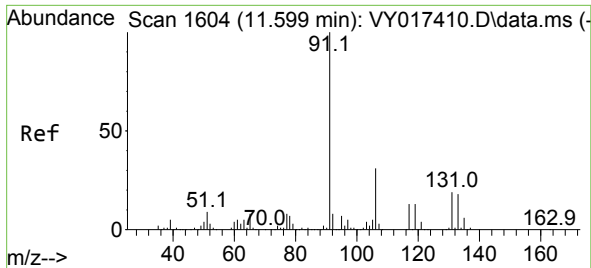
Tgt Ion:112 Resp: 99480
Ion Ratio Lower Upper
112 100
114 33.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.124 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion:131 Resp: 37244
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.3
119 66.0 34.1 102.2

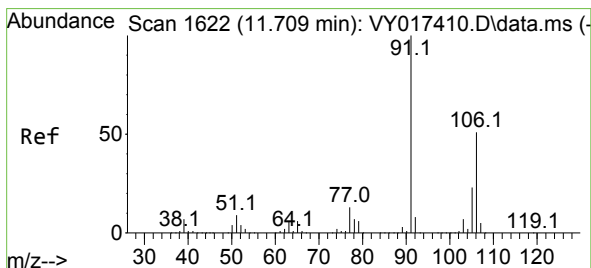
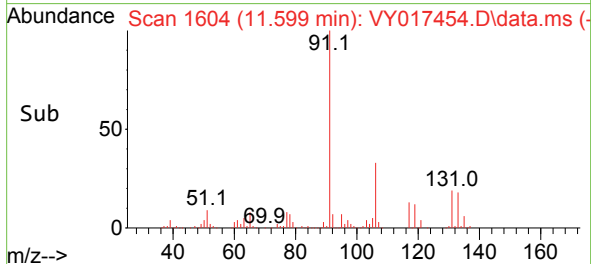
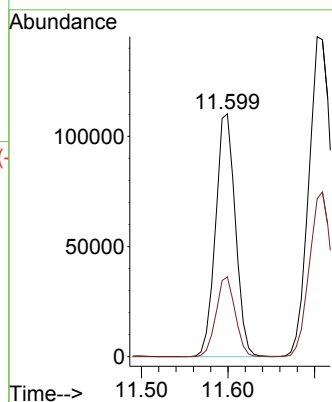
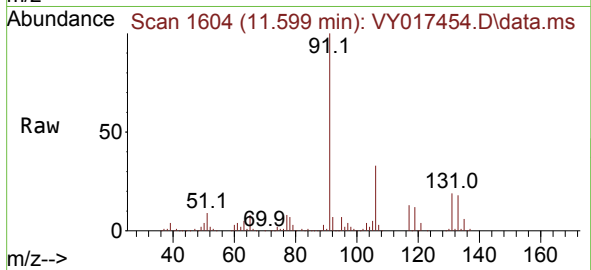




#67
Ethyl Benzene
Concen: 18.728 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

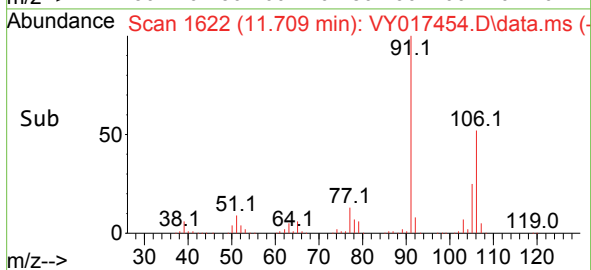
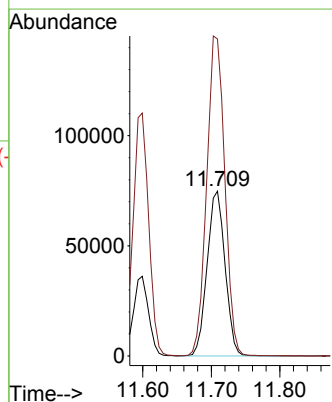
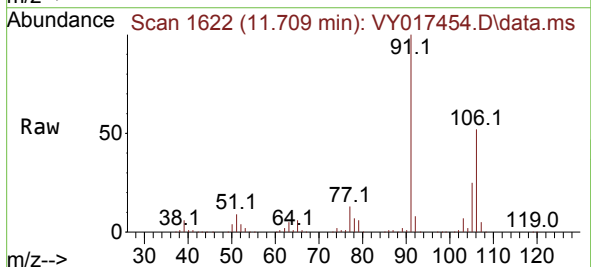
Instrument :
MSVOA_Y
ClientSampleId :

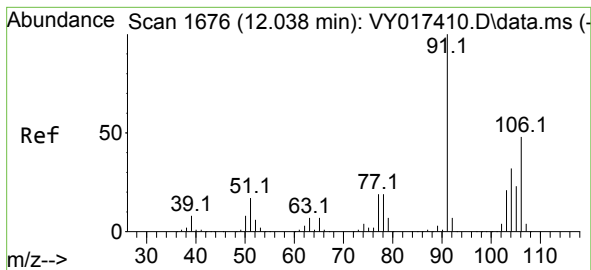
Tgt Ion: 91 Resp: 175174
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7



#68
m/p-Xylenes
Concen: 37.009 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 106 Resp: 136080
Ion Ratio Lower Upper
106 100
91 196.1 156.0 234.0





#69

o-Xylene

Concen: 18.777 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

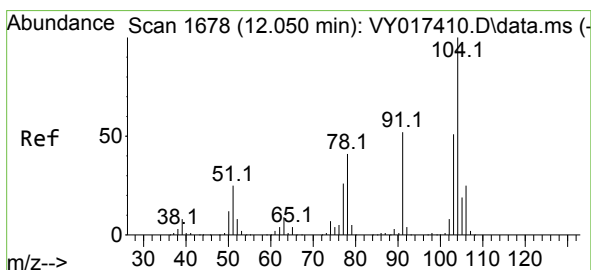
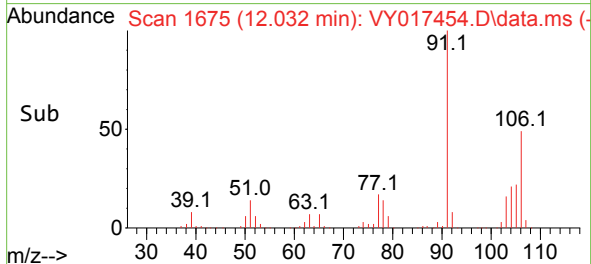
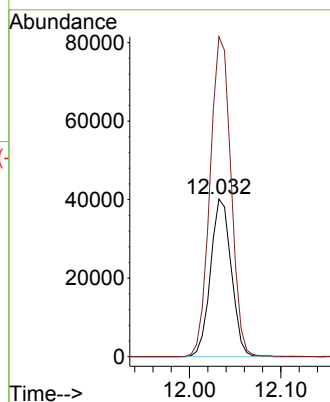
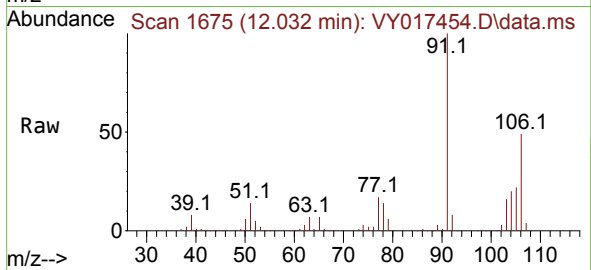
ClientSampleId :

Tgt Ion:106 Resp: 63339

Ion Ratio Lower Upper

106 100

91 205.6 103.6 310.8



#70

Styrene

Concen: 18.867 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

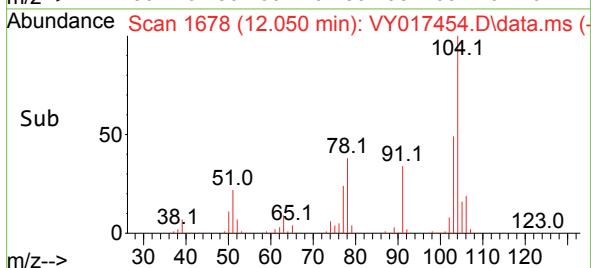
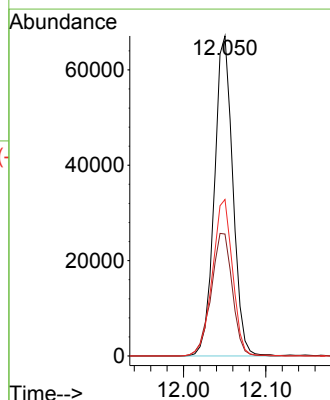
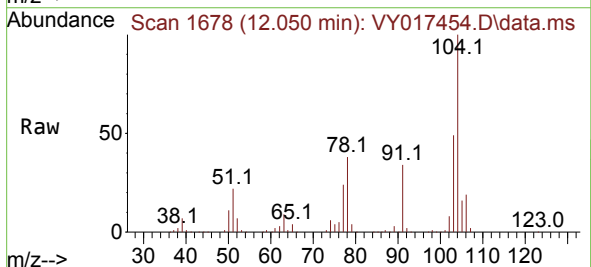
Tgt Ion:104 Resp: 104530

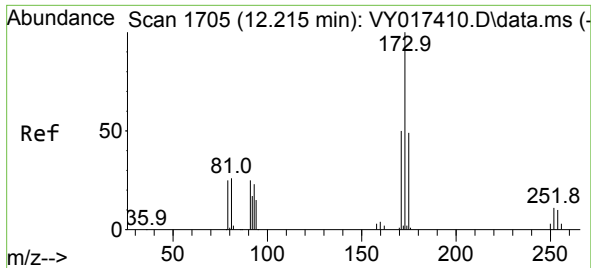
Ion Ratio Lower Upper

104 100

78 44.1 37.0 55.4

103 53.5 44.2 66.2

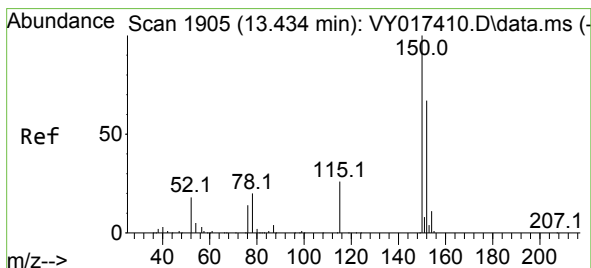
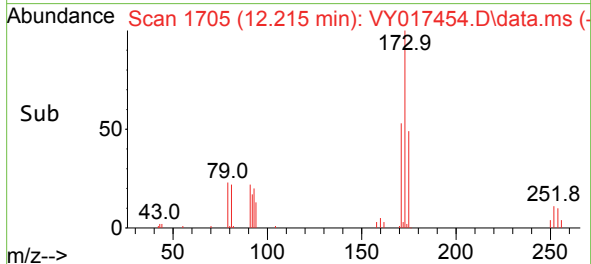
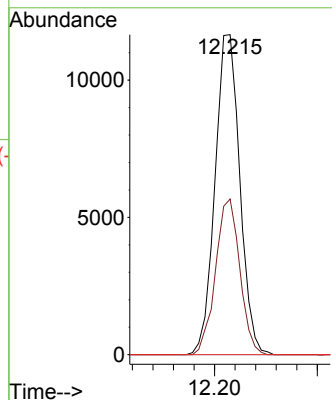
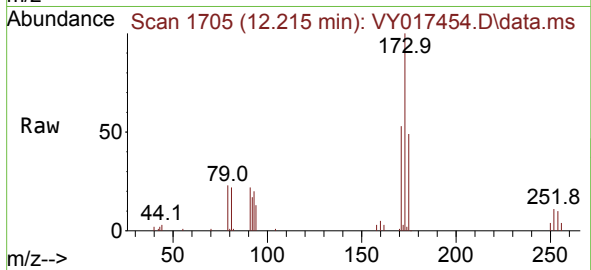




#71
Bromoform
Concen: 19.259 ug/l
RT: 12.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

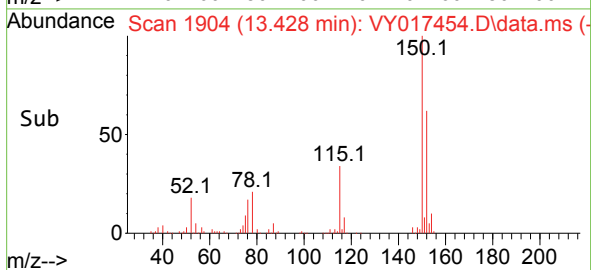
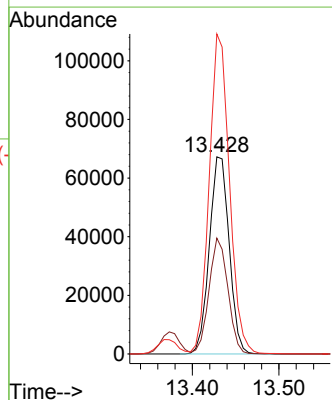
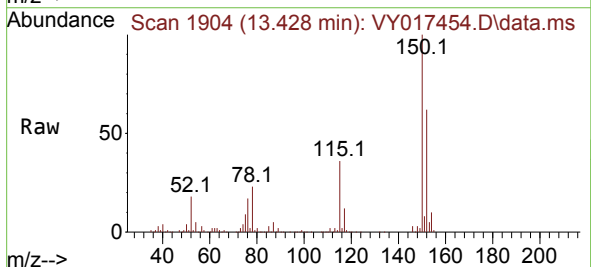
Instrument :
MSVOA_Y
ClientSampleId :

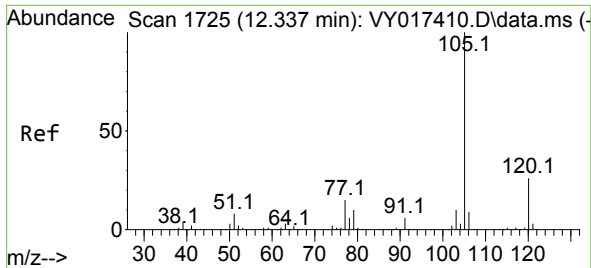
Tgt Ion:173 Resp: 19514
Ion Ratio Lower Upper
173 100
175 47.6 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion:152 Resp: 106849
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 165.8 0.0 345.6

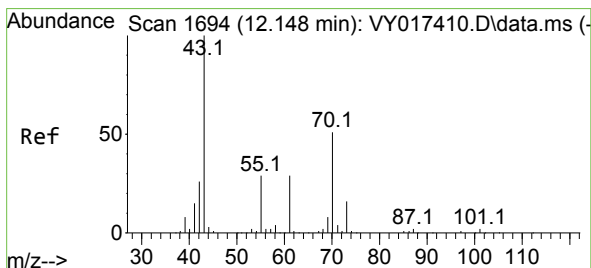
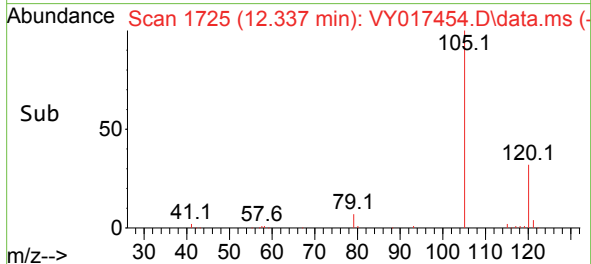
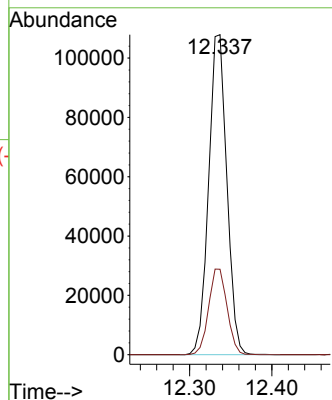
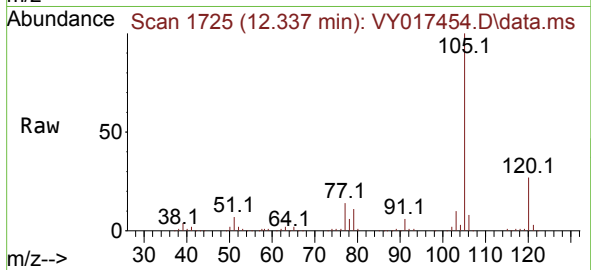




#73
Isopropylbenzene
Concen: 20.062 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

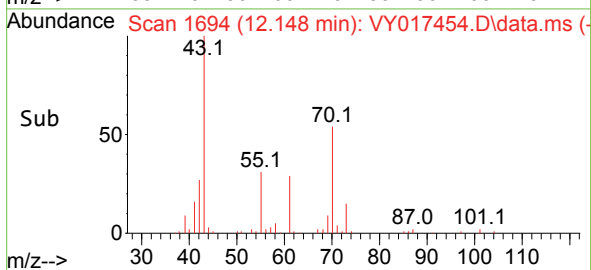
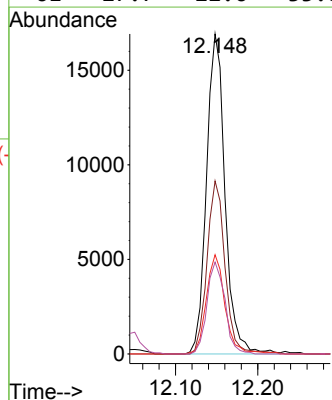
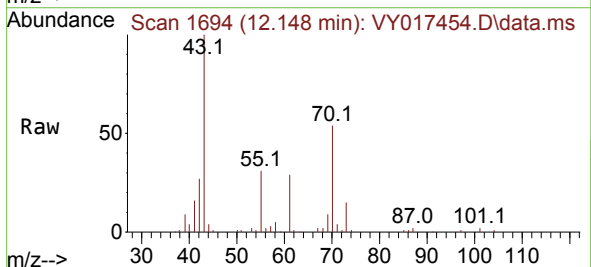
Instrument :
MSVOA_Y
ClientSampleId :

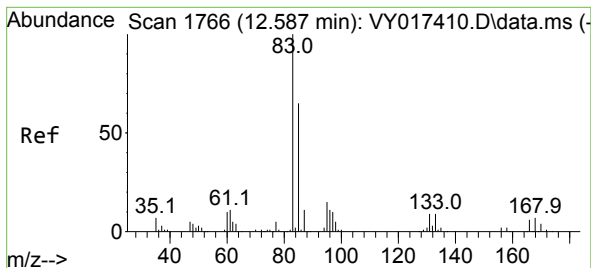
Tgt Ion:105 Resp: 165579
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 18.423 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 43 Resp: 26476
Ion Ratio Lower Upper
43 100
70 52.8 41.4 62.2
55 31.5 23.3 34.9
61 27.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.968 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017454.D

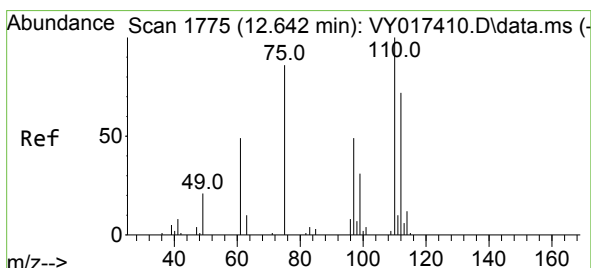
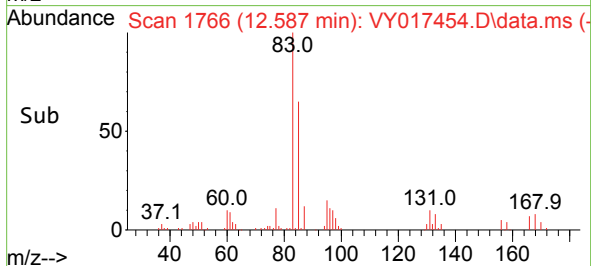
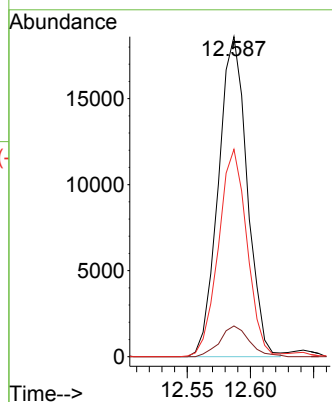
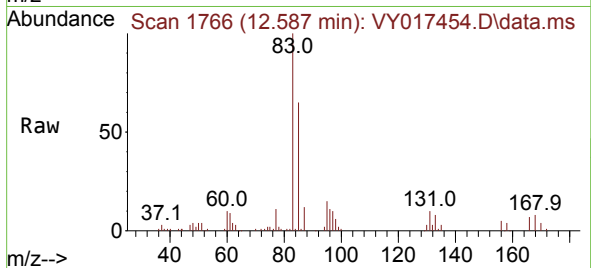
Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp:	29455
Ion Ratio	Lower	Upper
83	100	
131	9.8	5.0 14.9
85	64.2	32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.122 ug/l

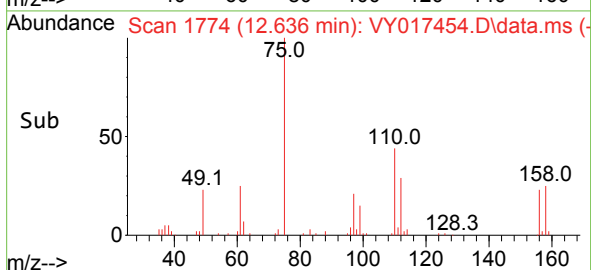
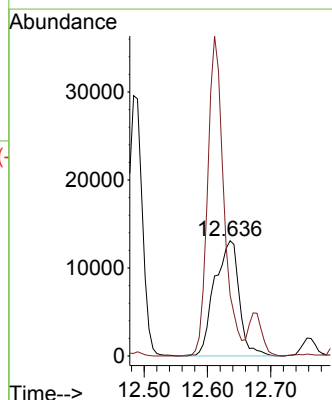
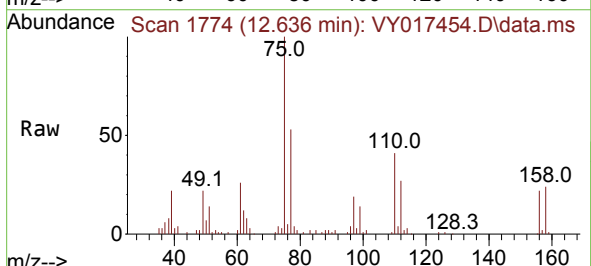
RT: 12.636 min Scan# 1774

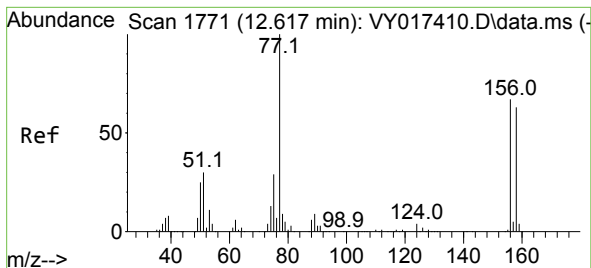
Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Tgt Ion: 75	Resp:	35350
Ion Ratio	Lower	Upper
75	100	
77	0.0	0.0 0.0





#77

Bromobenzene

Concen: 20.528 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

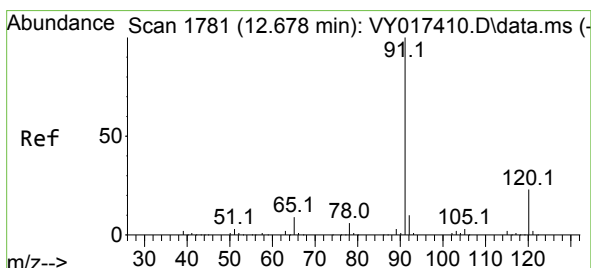
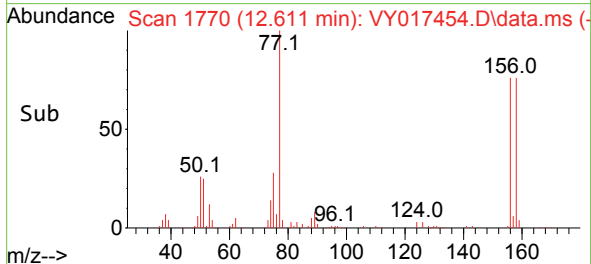
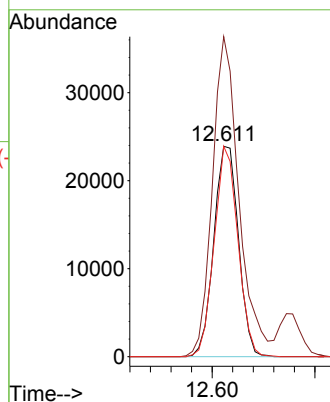
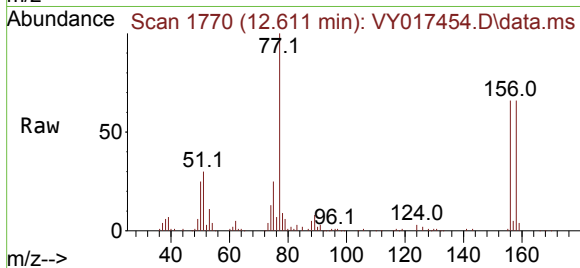
Tgt Ion:156 Resp: 39736

Ion Ratio Lower Upper

156 100

77 163.0 87.1 261.3

158 96.1 48.6 145.9



#78

n-propylbenzene

Concen: 20.318 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017454.D

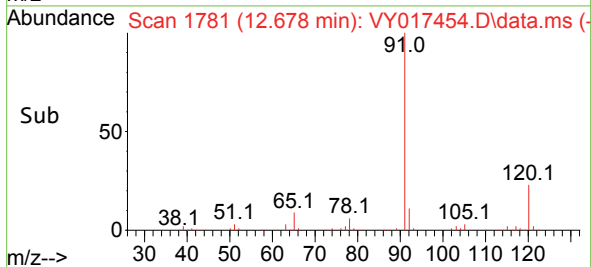
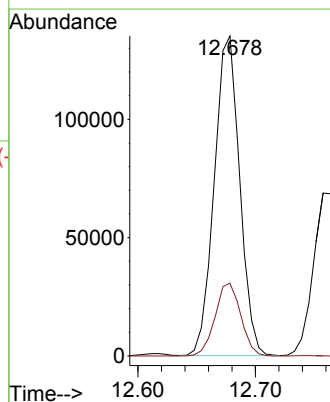
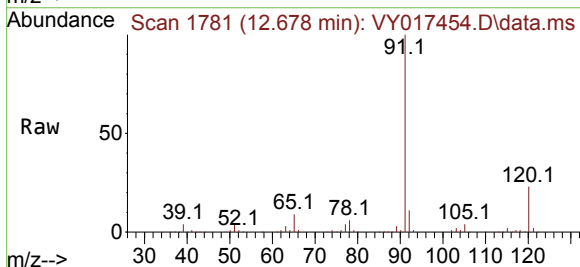
Acq: 22 Feb 2024 13:32

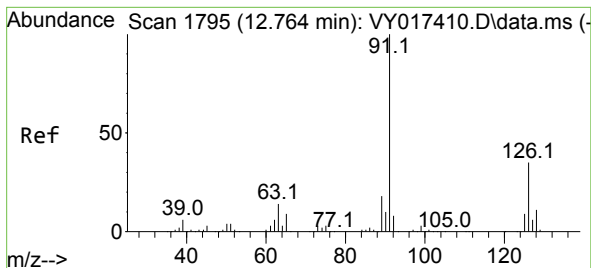
Tgt Ion: 91 Resp: 202834

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.182 ug/l

RT: 12.758 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

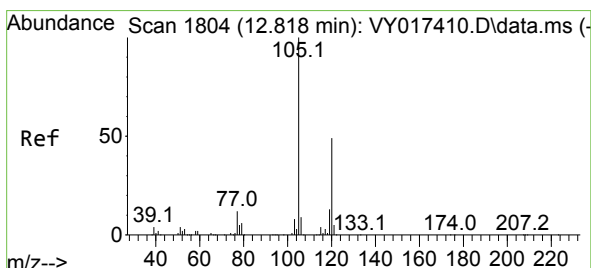
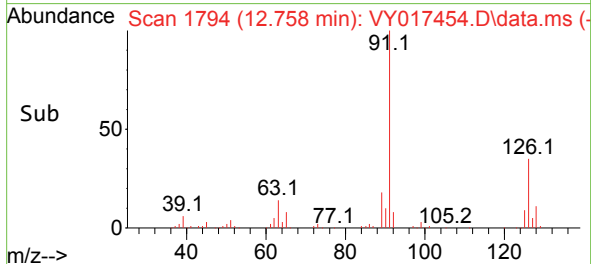
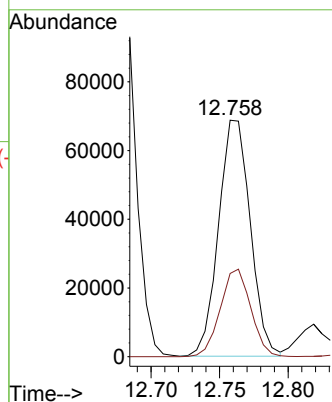
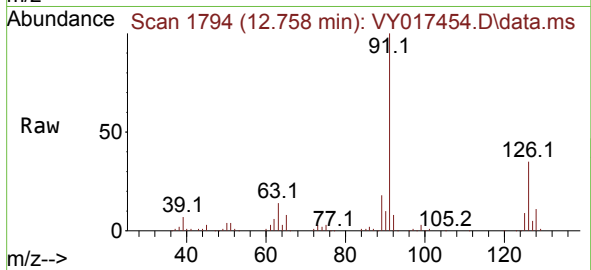
ClientSampleId :

Tgt Ion: 91 Resp: 110940

Ion Ratio Lower Upper

91 100

126 35.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.212 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY017454.D

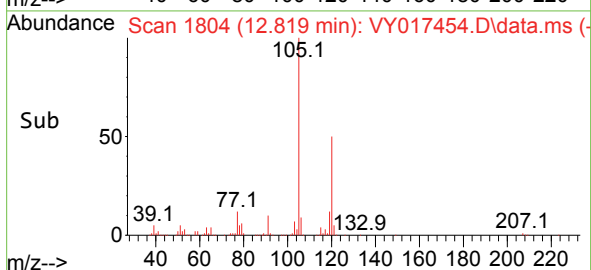
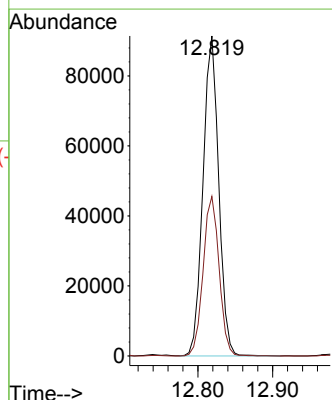
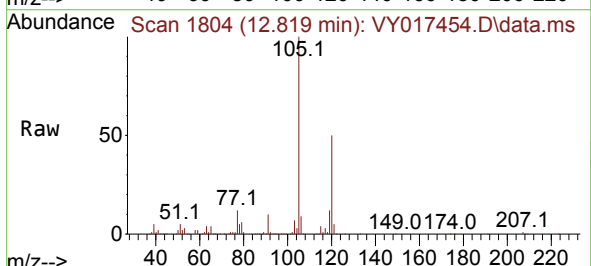
Acq: 22 Feb 2024 13:32

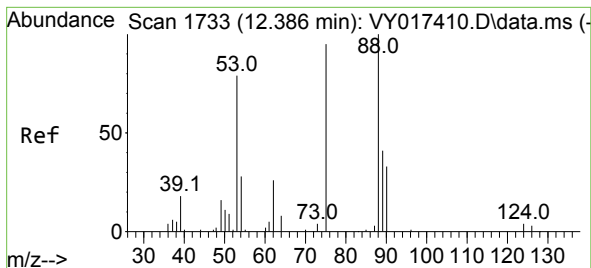
Tgt Ion:105 Resp: 133431

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.2

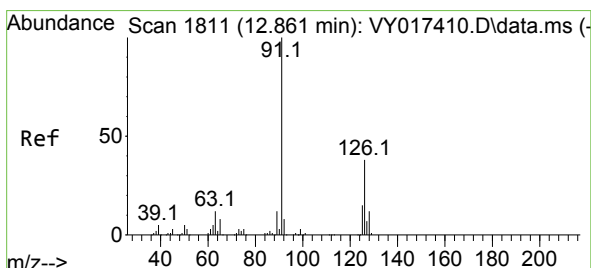
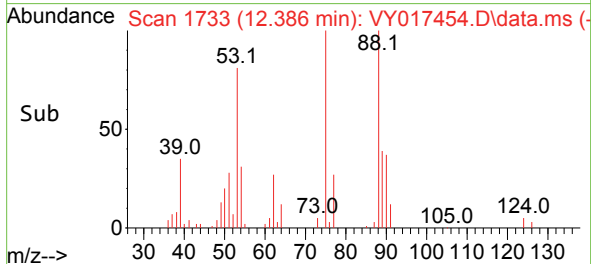
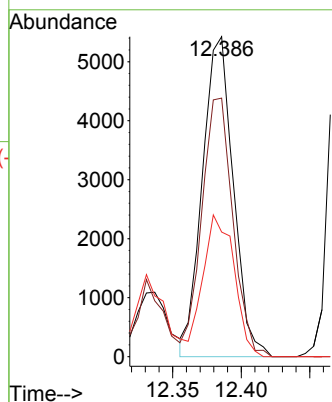
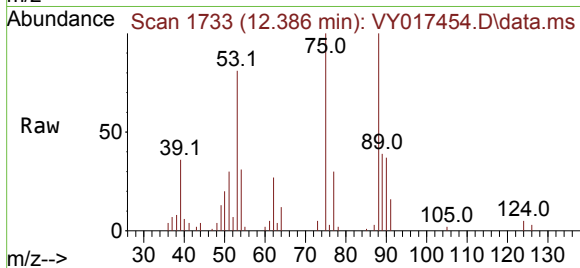




#81
trans-1,4-Dichloro-2-butene
Concen: 19.121 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

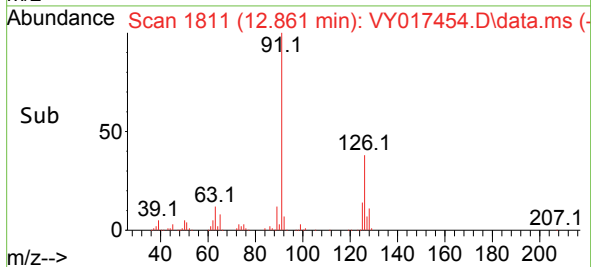
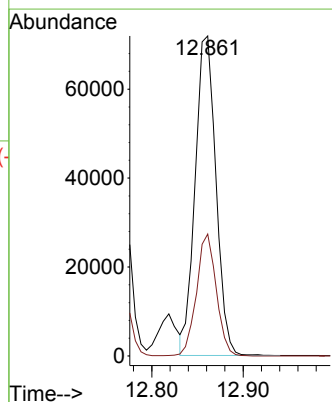
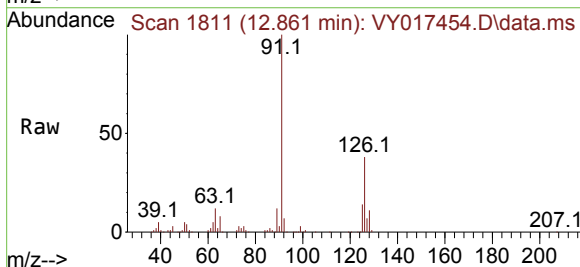
Instrument :
MSVOA_Y
ClientSampleId :

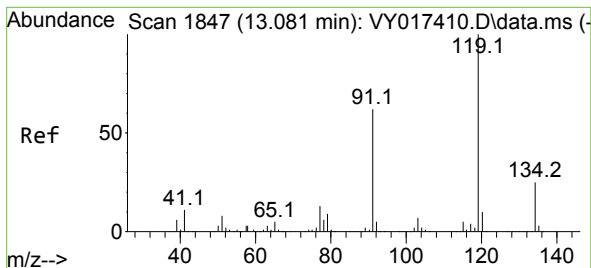
Tgt Ion: 75 Resp: 8496
Ion Ratio Lower Upper
75 100
53 81.5 66.8 100.2
89 44.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.019 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion: 91 Resp: 113554
Ion Ratio Lower Upper
91 100
126 36.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.372 ug/l

RT: 13.081 min Scan# 117435

Delta R.T. 0.000 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

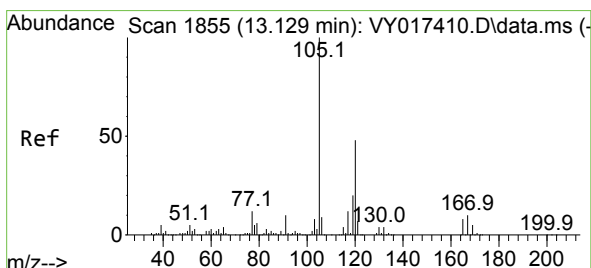
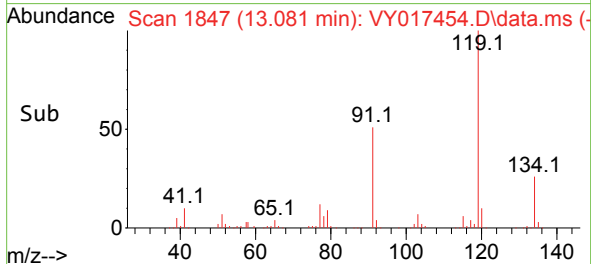
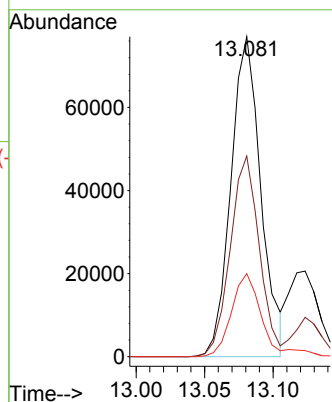
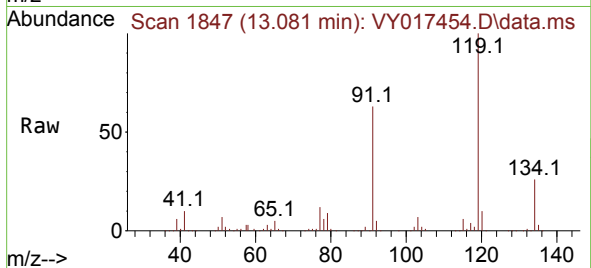
Tgt Ion:119 Resp: 117435

Ion Ratio Lower Upper

119 100

91 60.8 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.854 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY017454.D

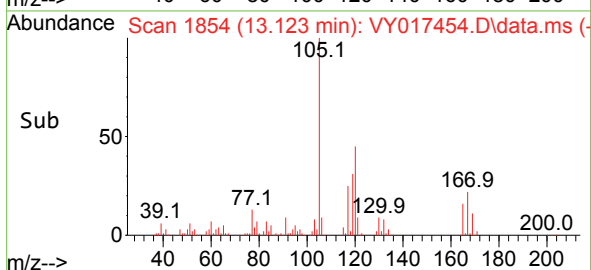
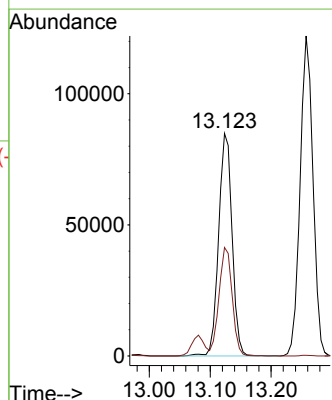
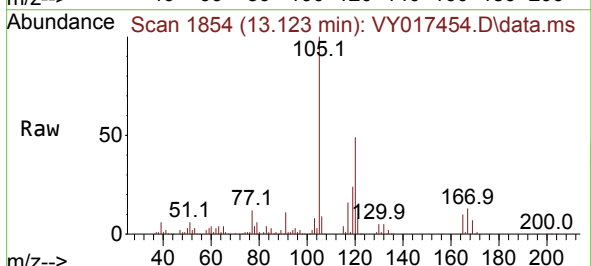
Acq: 22 Feb 2024 13:32

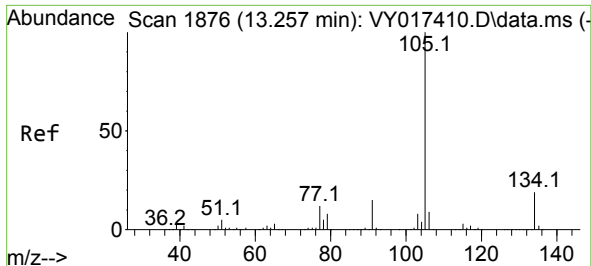
Tgt Ion:105 Resp: 129848

Ion Ratio Lower Upper

105 100

120 47.7 23.2 69.6

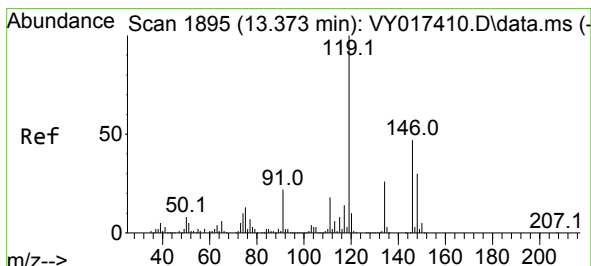
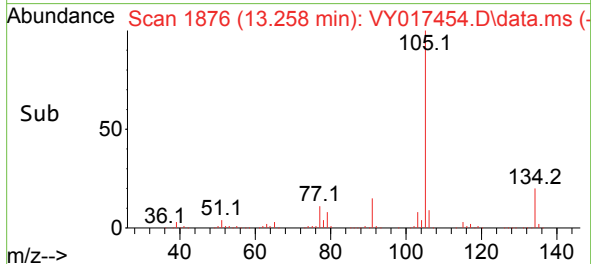
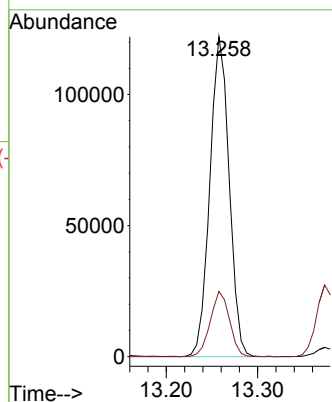
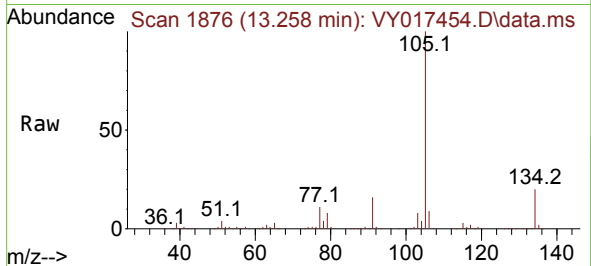




#85
 sec-Butylbenzene
 Concen: 20.214 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY017454.D
 Acq: 22 Feb 2024 13:32

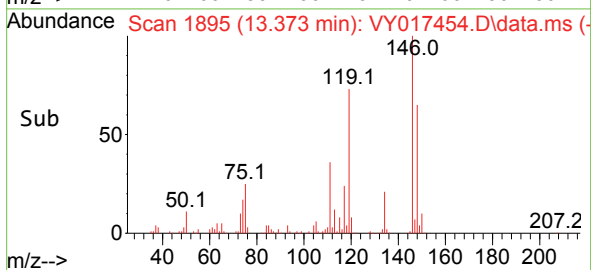
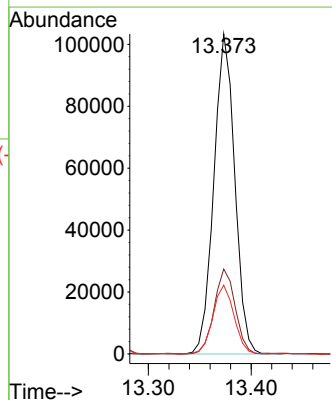
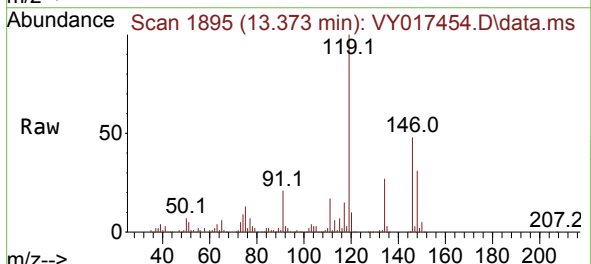
Instrument :
 MSVOA_Y
 ClientSampleId :

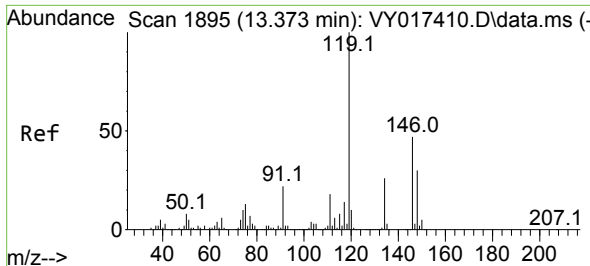
Tgt Ion:105 Resp: 178975
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.014 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017454.D
 Acq: 22 Feb 2024 13:32

Tgt Ion:119 Resp: 145953
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 21.7 10.7 32.1

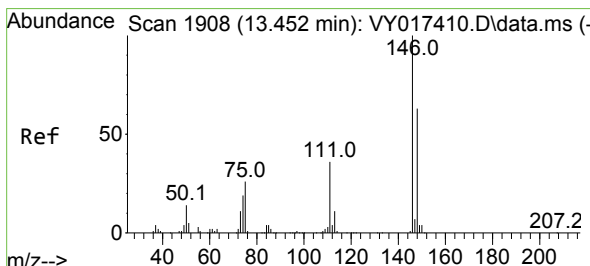
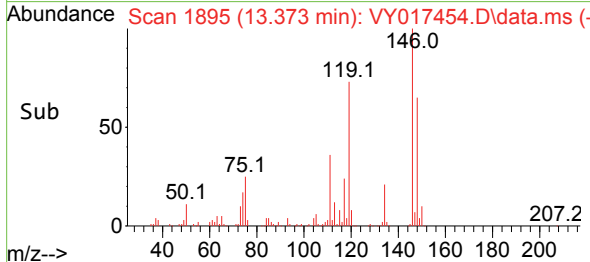
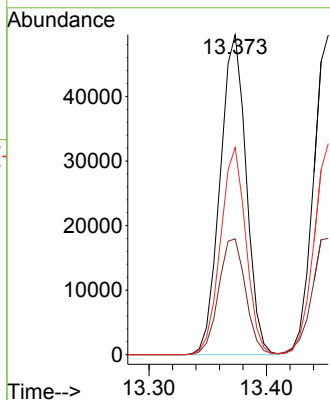
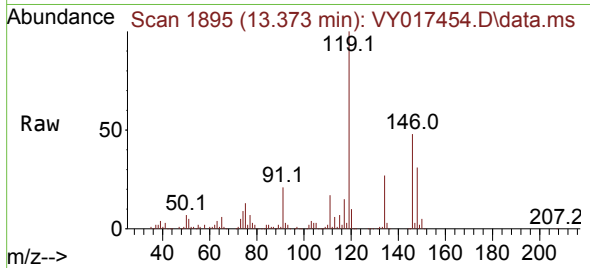




#87
1,3-Dichlorobenzene
Concen: 19.583 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

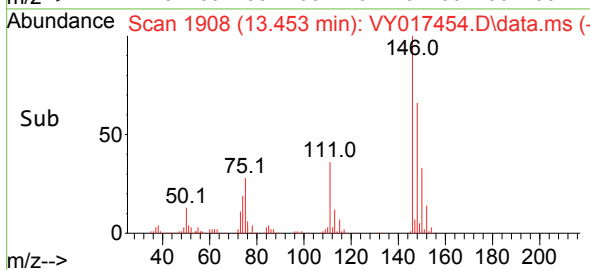
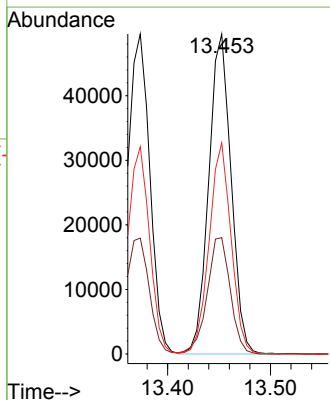
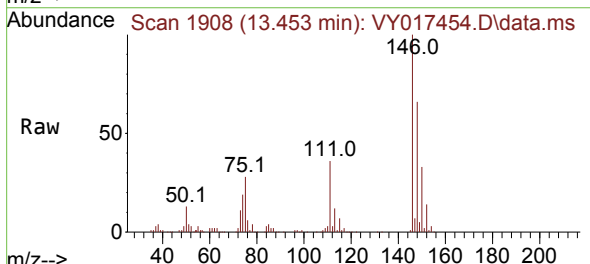
Instrument :
MSVOA_Y
ClientSampleId :

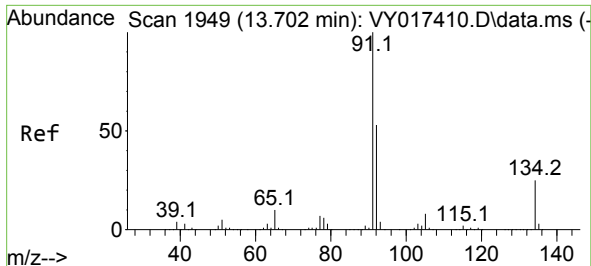
Tgt Ion:146 Resp: 76553
Ion Ratio Lower Upper
146 100
111 37.4 19.0 57.0
148 63.1 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.873 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

Tgt Ion:146 Resp: 75009
Ion Ratio Lower Upper
146 100
111 37.7 18.4 55.4
148 64.9 32.4 97.2

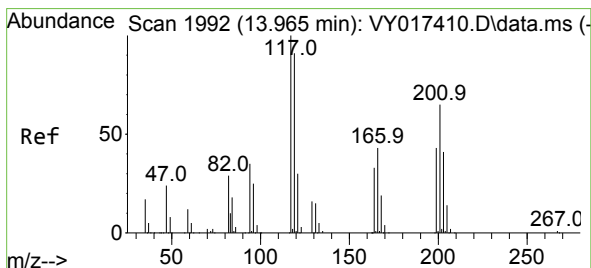
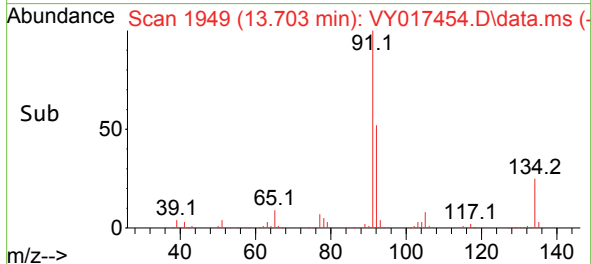
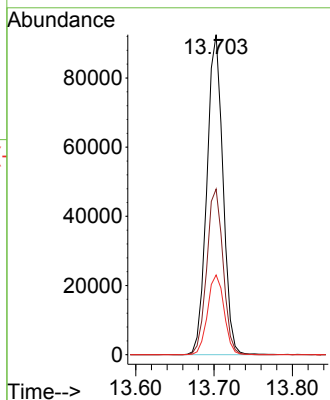
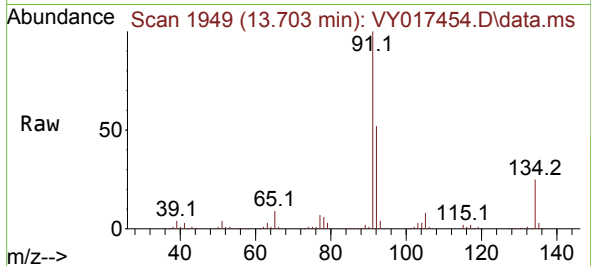




#89
n-Butylbenzene
Concen: 19.837 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

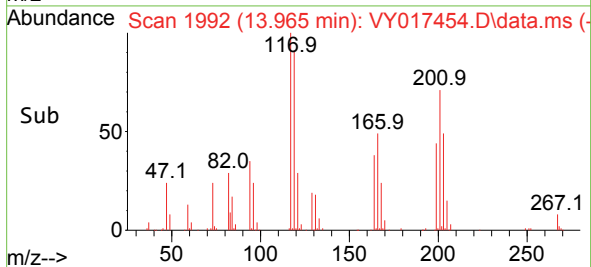
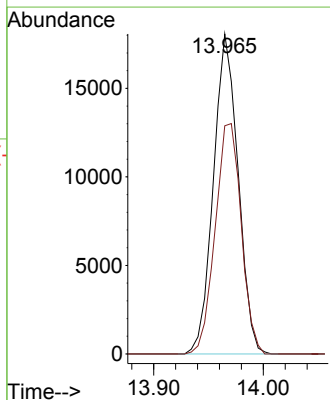
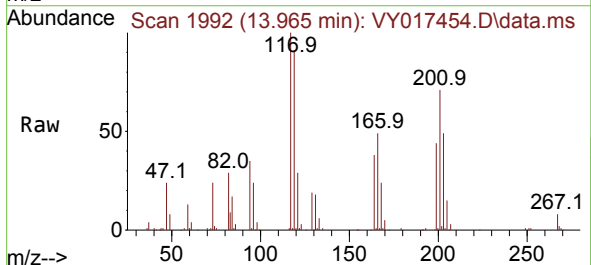
Instrument :
MSVOA_Y
ClientSampleId :

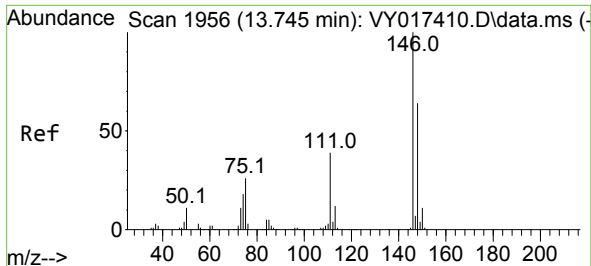
Tgt Ion: 91 Resp: 131567
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 25.7 12.9 38.7



#90
Hexachloroethane
Concen: 19.791 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

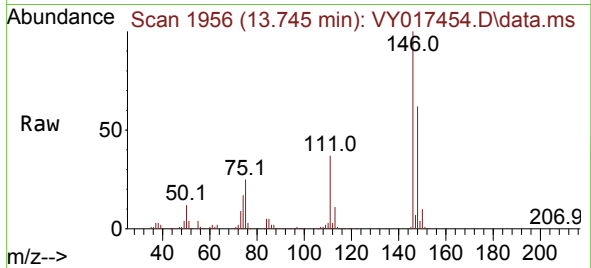
Tgt Ion: 117 Resp: 28281
Ion Ratio Lower Upper
117 100
201 75.9 37.4 112.2



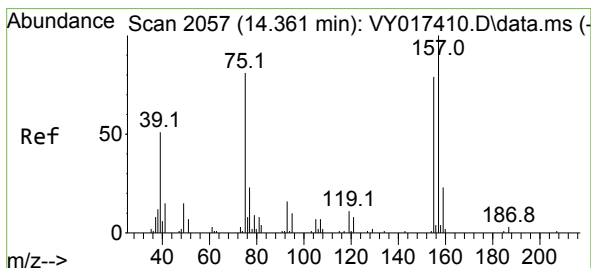
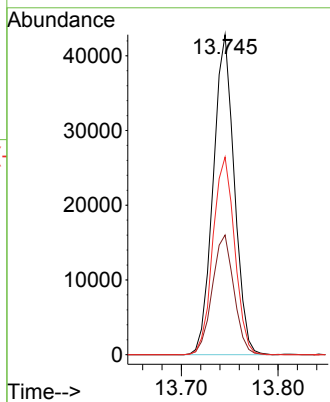
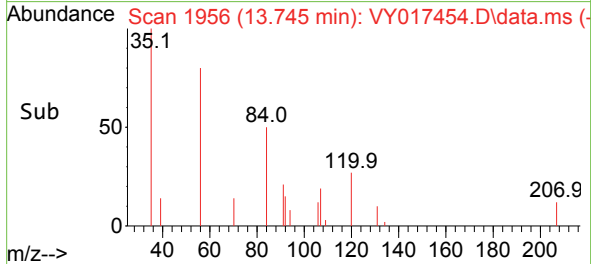


#91
1,2-Dichlorobenzene
Concen: 19.713 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

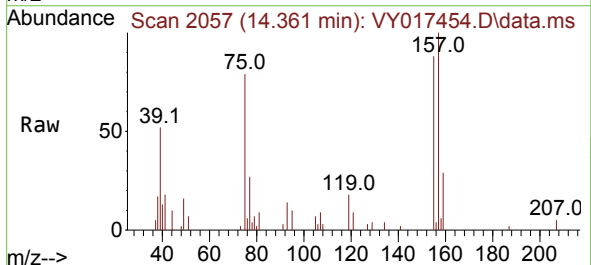
Instrument :
MSVOA_Y
ClientSampleId :



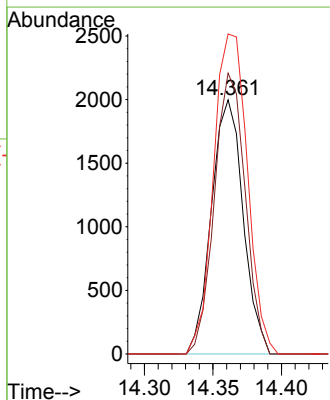
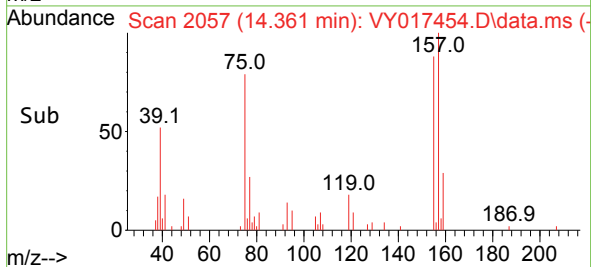
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.9	59.7
148	63.8	31.8	95.4

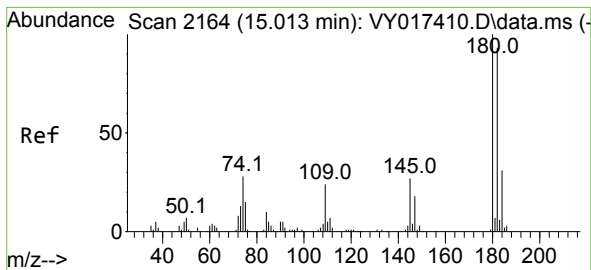


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.243 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32



Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.4	48.6	145.8
157	134.7	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.697 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

Instrument :

MSVOA_Y

ClientSampleId :

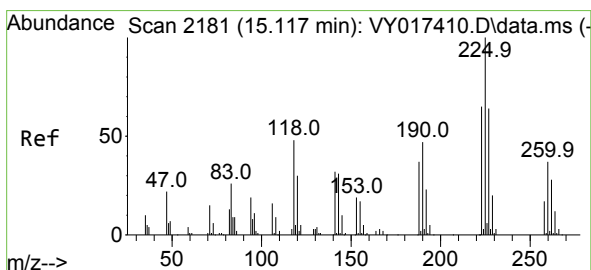
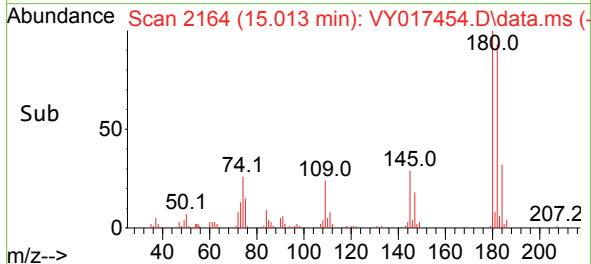
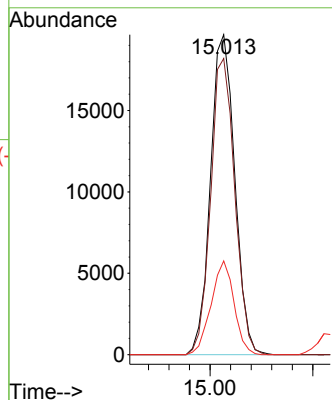
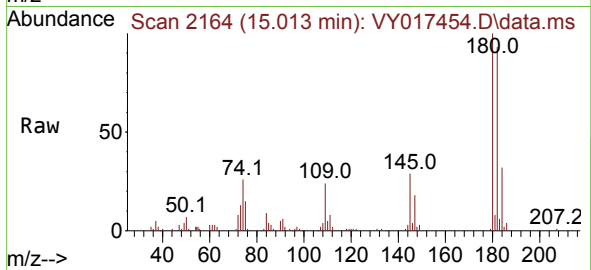
Tgt Ion:180 Resp: 32167

Ion Ratio Lower Upper

180 100

182 91.9 47.9 143.8

145 27.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.502 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017454.D

Acq: 22 Feb 2024 13:32

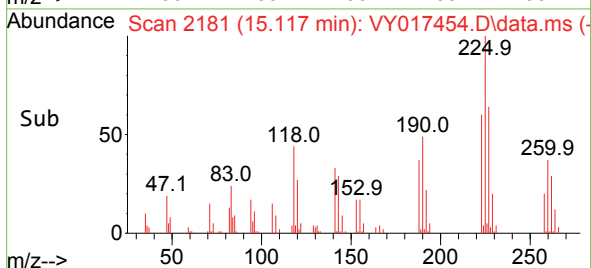
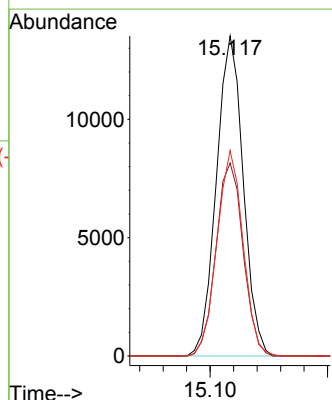
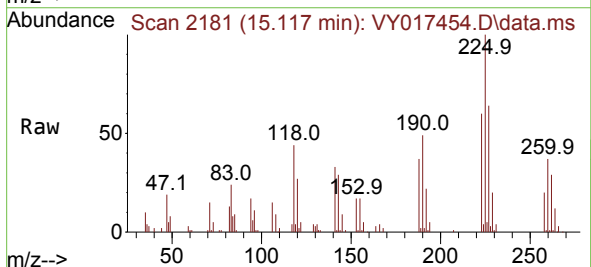
Tgt Ion:225 Resp: 21453

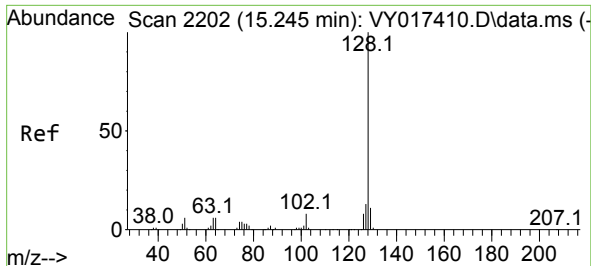
Ion Ratio Lower Upper

225 100

223 61.0 30.4 91.2

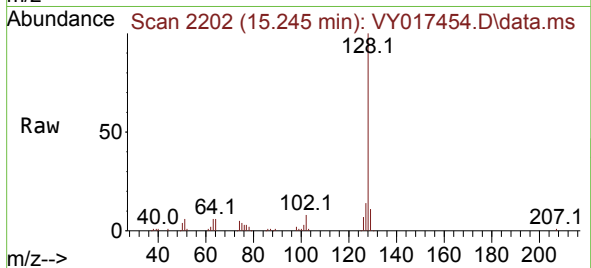
227 62.6 31.9 95.9



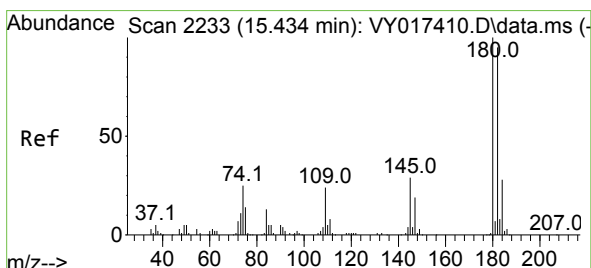
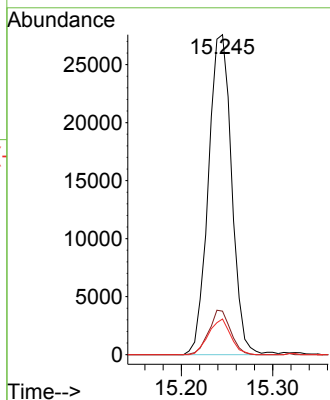
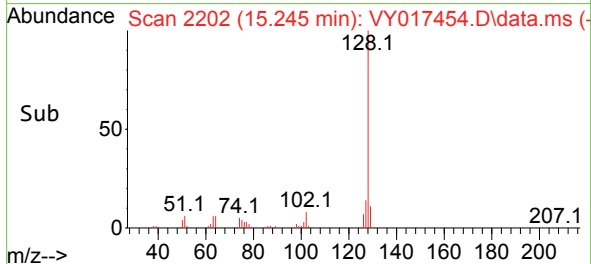


#95
Naphthalene
Concen: 17.728 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32

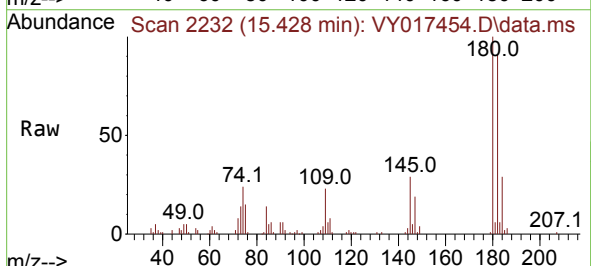
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 48791
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.227 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.006 min
Lab File: VY017454.D
Acq: 22 Feb 2024 13:32



Tgt Ion:180 Resp: 26363
Ion Ratio Lower Upper
180 100
182 93.1 47.6 142.9
145 29.9 15.4 46.1

