

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032024\
 Data File : VY017722.D
 Acq On : 20 Mar 2024 10:40
 Operator : SY/MD
 Sample : VY0320SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 21 03:12:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	134807	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	218597	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	186450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	84144	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	53452	41.838	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.680%
35) Dibromofluoromethane	7.728	113	63883	41.939	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.880%
50) Toluene-d8	10.191	98	241884	45.417	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.840%
62) 4-Bromofluorobenzene	12.495	95	72577	43.361	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.720%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	18168	18.270	ug/l	98
3) Chloromethane	2.119	50	33044	18.187	ug/l	100
4) Vinyl Chloride	2.253	62	45656	19.587	ug/l	99
5) Bromomethane	2.656	94	37865	19.934	ug/l	97
6) Chloroethane	2.802	64	30665	20.854	ug/l	98
7) Trichlorofluoromethane	3.137	101	44326	18.658	ug/l	96
8) Diethyl Ether	3.533	74	12209	17.522	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.905	101	28525	20.875	ug/l	98
10) Methyl Iodide	4.100	142	29059	18.949	ug/l	99
11) Tert butyl alcohol	4.960	59	8657	79.770	ug/l	98
12) 1,1-Dichloroethene	3.881	96	25946	20.374	ug/l	99
13) Acrolein	3.735	56	9341	65.233	ug/l	94
14) Allyl chloride	4.484	41	31179	20.263	ug/l	99
15) Acrylonitrile	5.173	53	25538	89.159	ug/l	95
16) Acetone	3.954	43	23860	96.286	ug/l #	85
17) Carbon Disulfide	4.210	76	72191	18.886	ug/l	98
18) Methyl Acetate	4.491	43	9366	15.579	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	53087	17.885	ug/l	96
20) Methylene Chloride	4.728	84	31501	18.147	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	29445	19.748	ug/l	96
22) Diisopropyl ether	6.131	45	72734	20.484	ug/l	98
23) Vinyl Acetate	6.070	43	198429	93.782	ug/l	97
24) 1,1-Dichloroethane	6.033	63	50003	20.613	ug/l	96
25) 2-Butanone	6.996	43	32276	91.394	ug/l	92
26) 2,2-Dichloropropane	6.996	77	43137	21.150	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	32561	19.450	ug/l	96
28) Bromochloromethane	7.344	49	17062	17.859	ug/l	98
29) Tetrahydrofuran	7.362	42	17461	82.022	ug/l	97
30) Chloroform	7.514	83	52863	20.468	ug/l	100
31) Cyclohexane	7.795	56	43564	20.952	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	46083	20.552	ug/l	97
36) 1,1-Dichloropropene	7.929	75	41014	19.956	ug/l	99
37) Ethyl Acetate	7.082	43	13483	16.610	ug/l	98
38) Carbon Tetrachloride	7.911	117	39968	19.404	ug/l	99
39) Methylcyclohexane	9.197	83	47982	19.427	ug/l	95
40) Benzene	8.173	78	119058	19.507	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	16802	41.248	ug/l #	15
42) 1,2-Dichloroethane	8.246	62	27436	18.424	ug/l	100
43) Isopropyl Acetate	8.283	43	23864	16.730	ug/l	96
44) Trichloroethene	8.947	130	33242	18.896	ug/l	98
45) 1,2-Dichloropropane	9.228	63	28352	19.525	ug/l	98
46) Dibromomethane	9.319	93	14687	17.673	ug/l	98
47) Bromodichloromethane	9.508	83	38669	19.164	ug/l	99
48) Methyl methacrylate	9.301	41	11098	16.809	ug/l	99
49) 1,4-Dioxane	9.307	88	2780	295.589	ug/l #	98
51) 4-Methyl-2-Pentanone	10.081	43	62632	78.784	ug/l	100
52) Toluene	10.258	92	74918	19.471	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	33650	17.967	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	42521	18.685	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	20624	17.479	ug/l	95
56) Ethyl methacrylate	10.520	69	21384	16.521	ug/l	96
57) 1,3-Dichloropropane	10.800	76	34955	18.221	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	59864	87.923	ug/l	100
59) 2-Hexanone	10.843	43	44873	82.176	ug/l	99
60) Dibromochloromethane	10.996	129	24892	17.833	ug/l	99
61) 1,2-Dibromoethane	11.099	107	18614	17.119	ug/l	99
64) Tetrachloroethene	10.733	164	33093	18.492	ug/l	98
65) Chlorobenzene	11.526	112	76451	19.318	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	28690	19.351	ug/l	98
67) Ethyl Benzene	11.605	91	138841	20.004	ug/l	97
68) m/p-Xylenes	11.715	106	107560	39.439	ug/l	99
69) o-Xylene	12.044	106	49553	19.585	ug/l	97
70) Styrene	12.056	104	79885	19.021	ug/l	99
71) Bromoform	12.221	173	13969	17.002	ug/l #	98
73) Isopropylbenzene	12.343	105	130172	20.823	ug/l	99
74) N-amyl acetate	12.154	43	19382	17.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	20716	19.298	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	26590	33.258	ug/l #	100
77) Bromobenzene	12.623	156	29500	19.486	ug/l	97
78) n-propylbenzene	12.684	91	161375	21.514	ug/l	100
79) 2-Chlorotoluene	12.770	91	87406	20.813	ug/l	100
80) 1,3,5-Trimethylbenzene	12.824	105	104759	20.917	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	6257	17.983	ug/l	97
82) 4-Chlorotoluene	12.867	91	89896	20.928	ug/l	100
83) tert-Butylbenzene	13.087	119	91425	20.788	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	101440	20.516	ug/l	99
85) sec-Butylbenzene	13.263	105	143537	21.347	ug/l	100
86) p-Isopropyltoluene	13.379	119	115925	21.061	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	59622	19.621	ug/l	100
88) 1,4-Dichlorobenzene	13.458	146	58617	19.842	ug/l	99
89) n-Butylbenzene	13.708	91	106387	21.185	ug/l	98
90) Hexachloroethane	13.971	117	23169	20.996	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	49368	19.207	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2478	16.420	ug/l	93
93) 1,2,4-Trichlorobenzene	15.019	180	25404	18.712	ug/l	97
94) Hexachlorobutadiene	15.123	225	17219	20.542	ug/l	98
95) Naphthalene	15.251	128	37119	16.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	21282	18.273	ug/l	97

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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

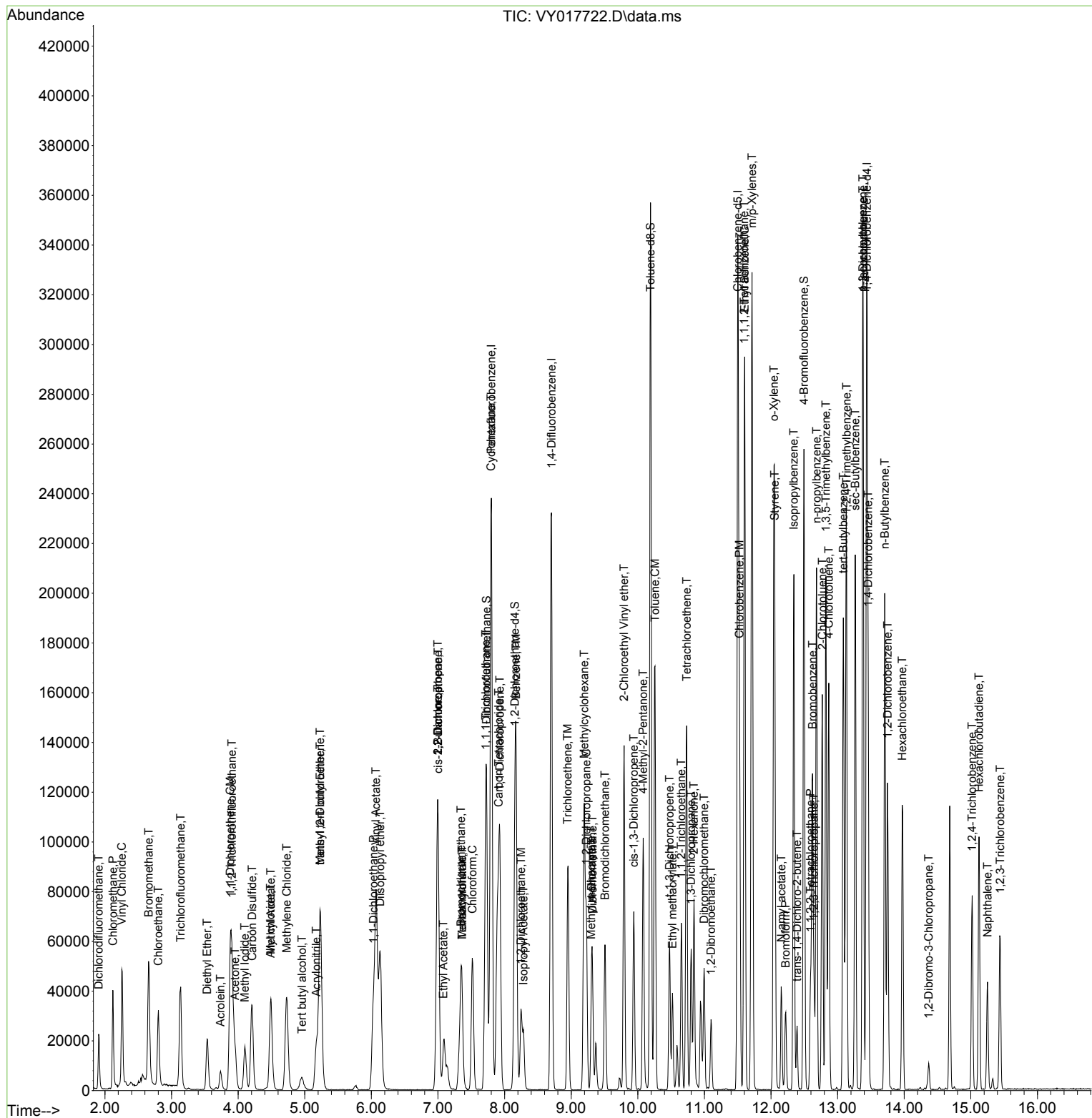
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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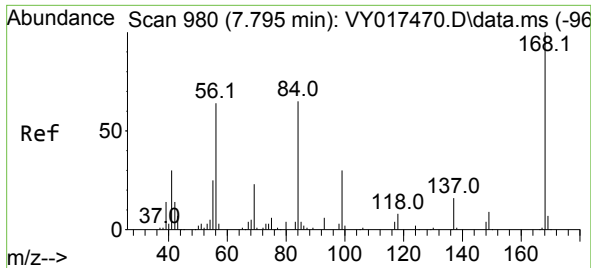
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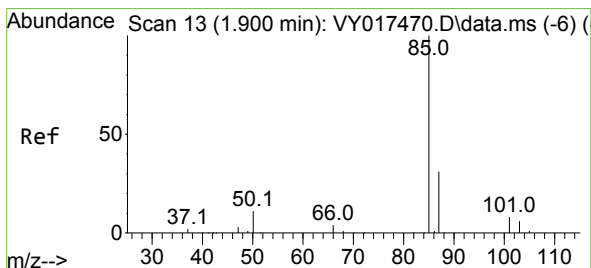
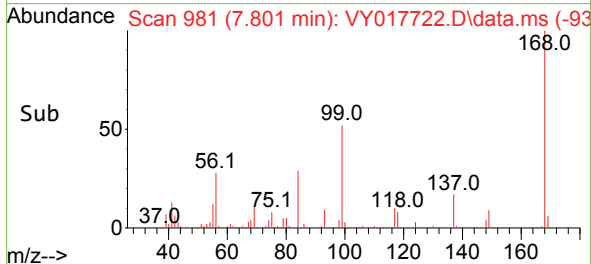
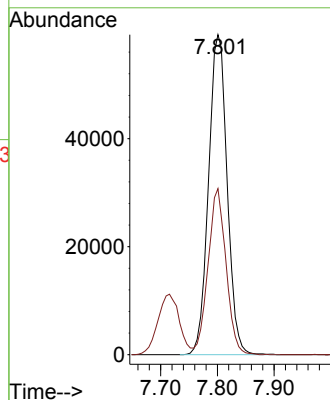
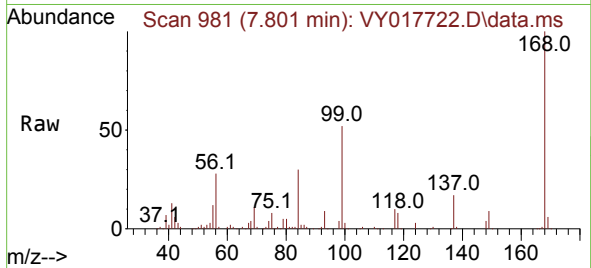




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017722.D
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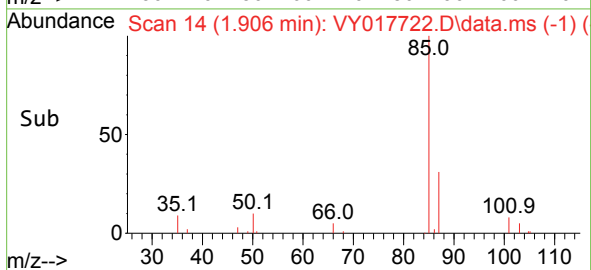
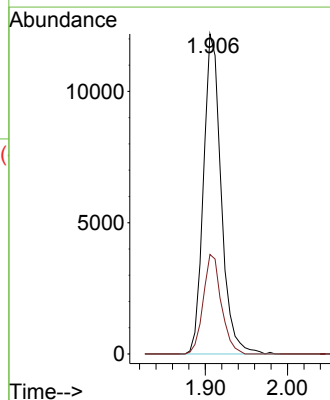
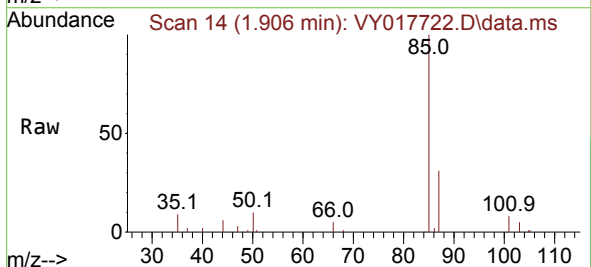
Instrument :
MSVOA_Y
ClientSampleId :

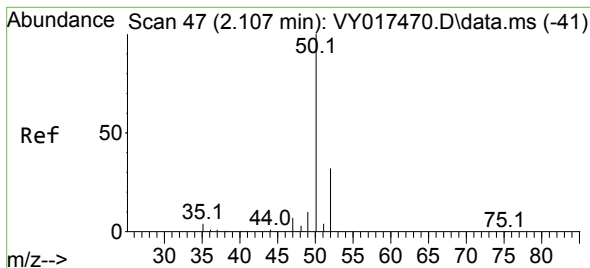
Tgt Ion:168 Resp: 134807
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 18.270 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion: 85 Resp: 18168
Ion Ratio Lower Upper
85 100
87 31.1 16.0 48.0





#3

Chloromethane

Concen: 18.187 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

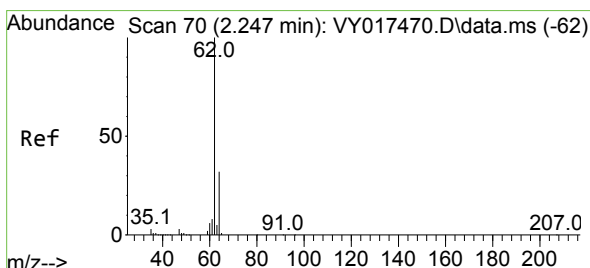
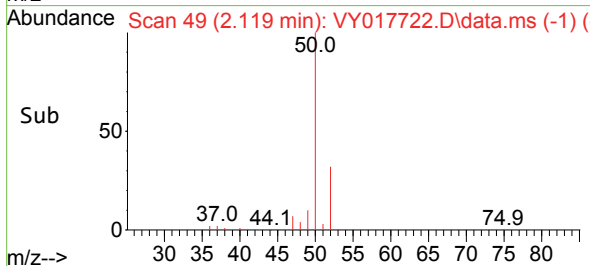
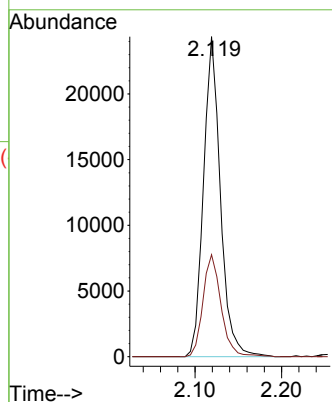
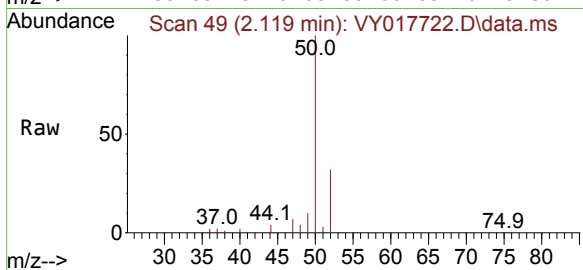
ClientSampleId :

Tgt Ion: 50 Resp: 33044

Ion Ratio Lower Upper

50 100

52 31.9 25.6 38.4



#4

Vinyl Chloride

Concen: 19.587 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017722.D

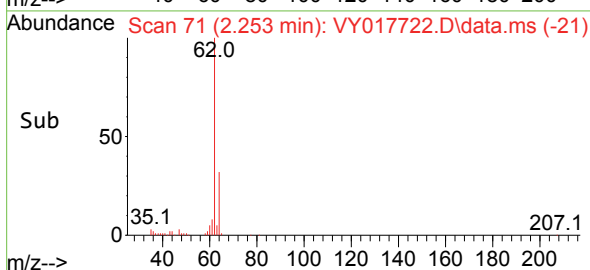
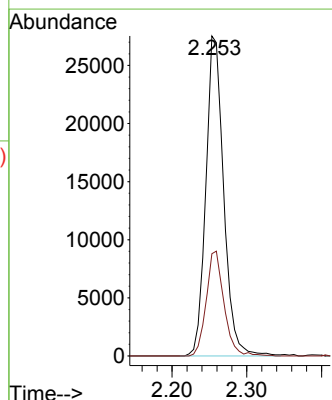
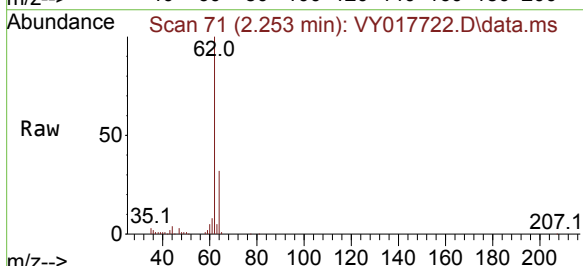
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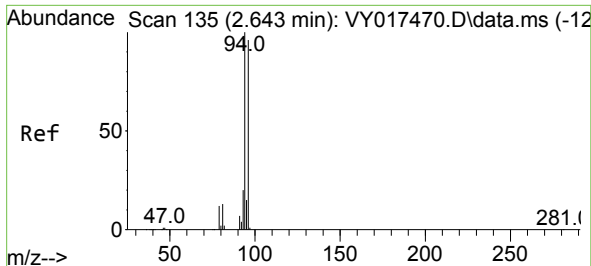
Tgt Ion: 62 Resp: 45656

Ion Ratio Lower Upper

62 100

64 32.0 26.1 39.1

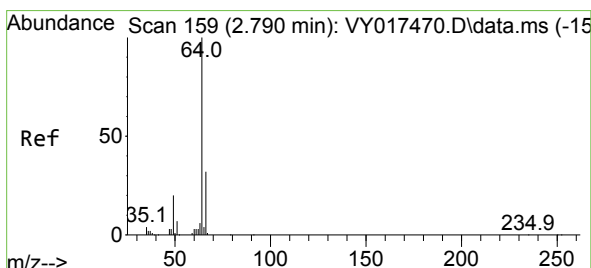
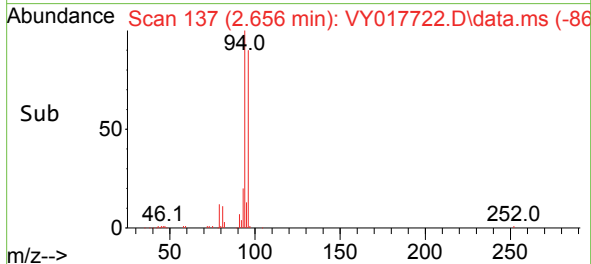
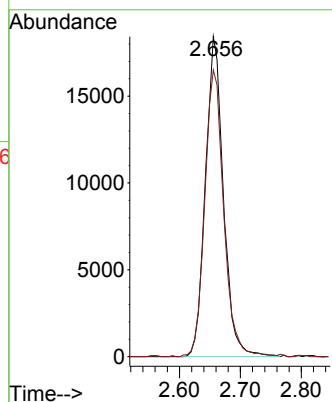
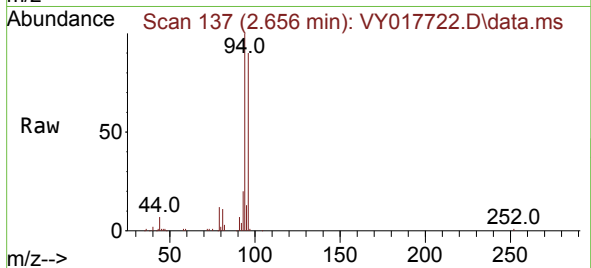




#5
Bromomethane
Concen: 19.934 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

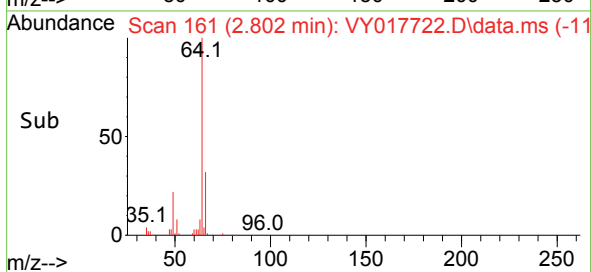
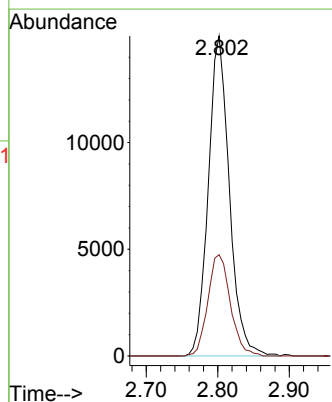
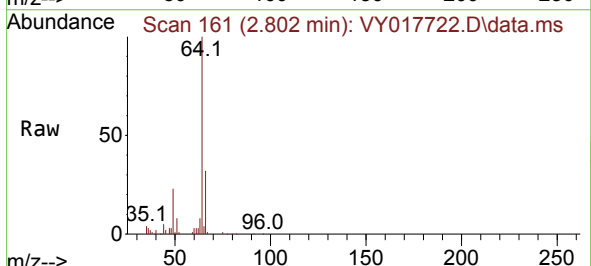
Instrument :
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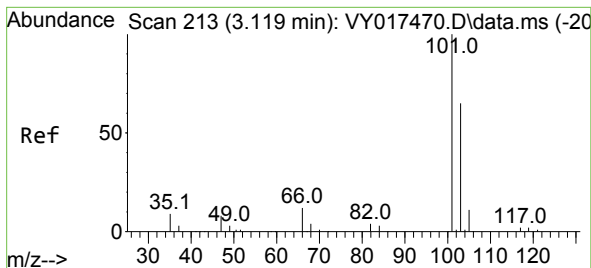
Tgt Ion: 94 Resp: 37865
Ion Ratio Lower Upper
94 100
96 89.6 74.1 111.1



#6
Chloroethane
Concen: 20.854 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion: 64 Resp: 30665
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1





#7

Trichlorofluoromethane

Concen: 18.658 ug/l

RT: 3.137 min Scan# 213

Delta R.T. 0.018 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

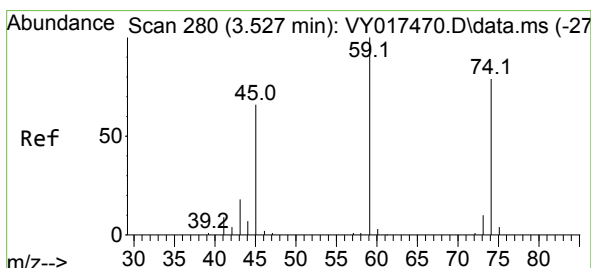
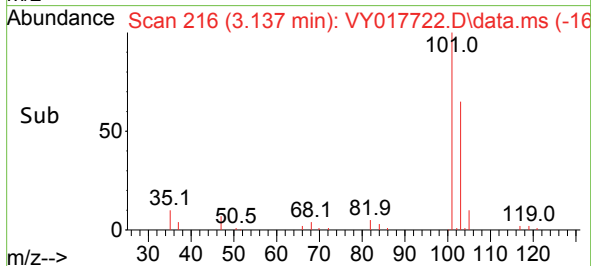
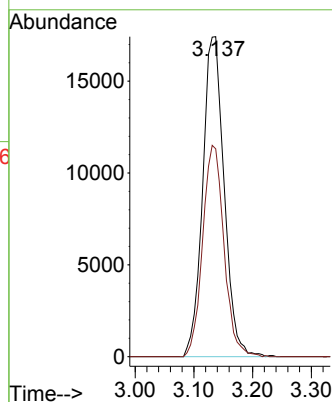
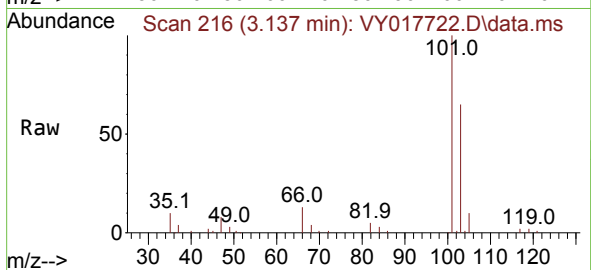
ClientSampleId :

Tgt Ion:101 Resp: 44326

Ion Ratio Lower Upper

101 100

103 65.0 49.3 73.9



#8

Diethyl Ether

Concen: 17.522 ug/l

RT: 3.533 min Scan# 281

Delta R.T. 0.006 min

Lab File: VY017722.D

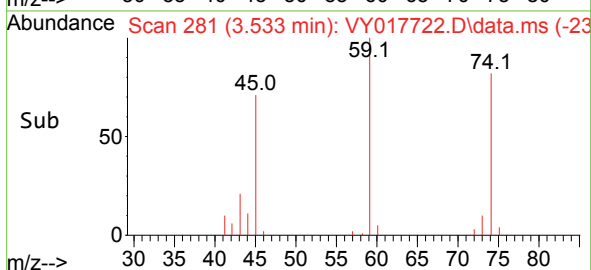
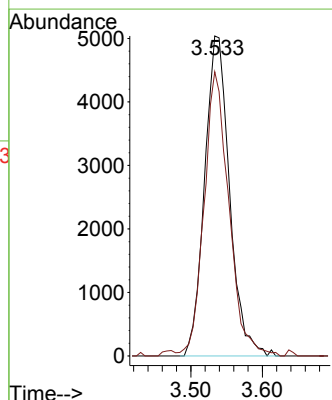
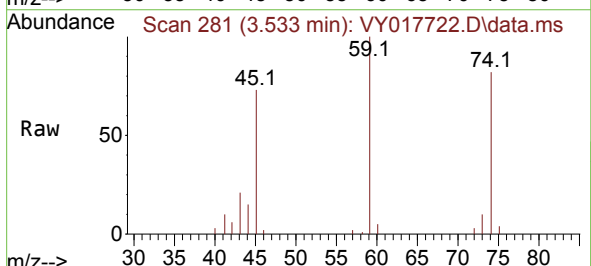
Acq: 20 Mar 2024 10:40

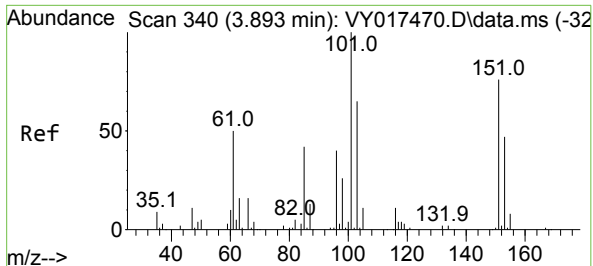
Tgt Ion: 74 Resp: 12209

Ion Ratio Lower Upper

74 100

45 88.6 41.3 124.1

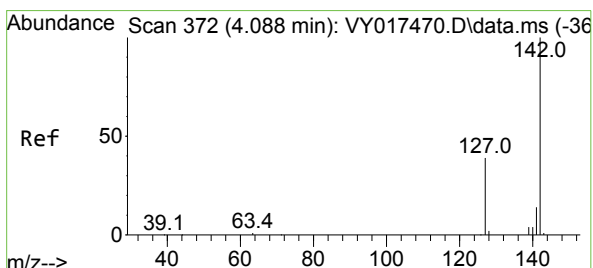
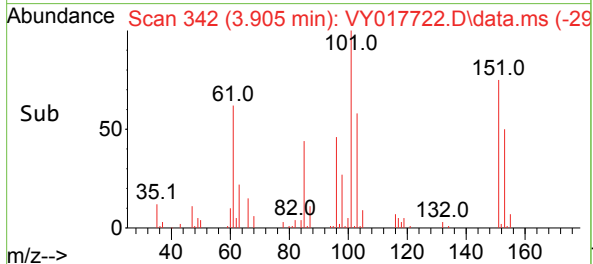
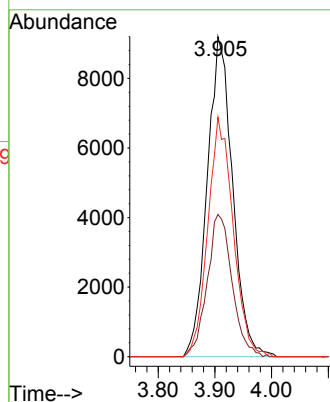
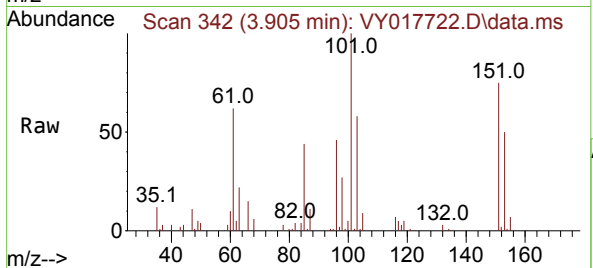




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.875 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

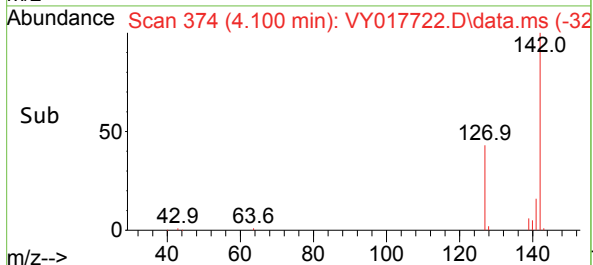
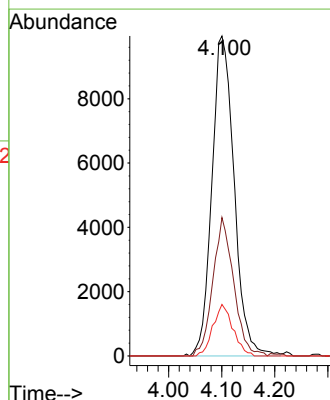
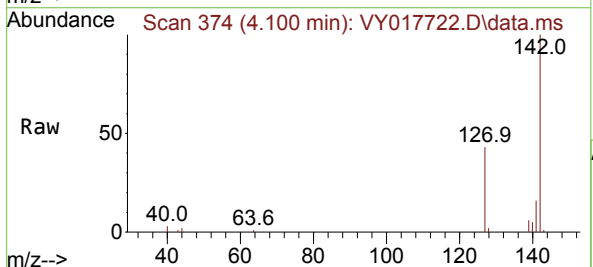
Instrument :
MSVOA_Y
ClientSampleId :

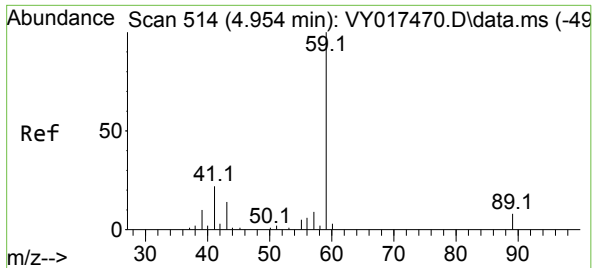
Tgt Ion:101 Resp: 28525
Ion Ratio Lower Upper
101 100
85 43.8 34.5 51.7
151 74.7 61.7 92.5



#10
Methyl Iodide
Concen: 18.949 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion:142 Resp: 29059
Ion Ratio Lower Upper
142 100
127 40.5 32.8 49.2
141 14.5 11.4 17.2

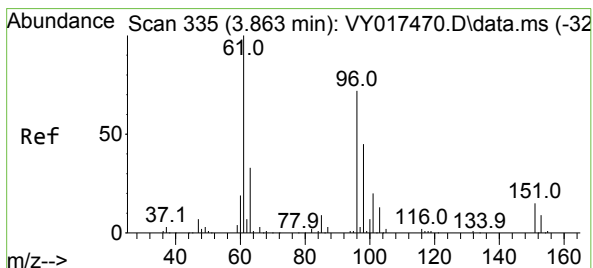
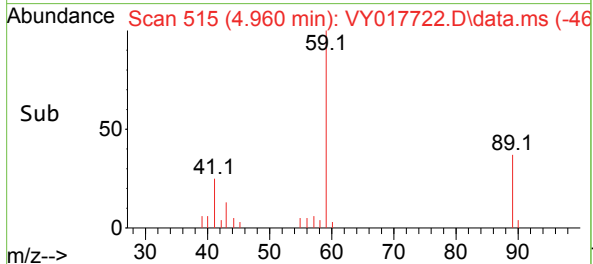
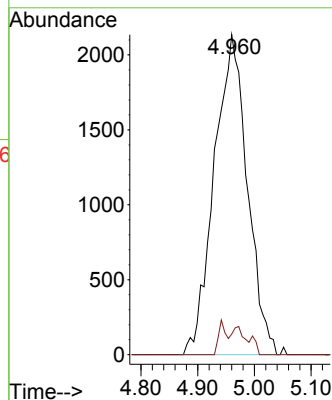
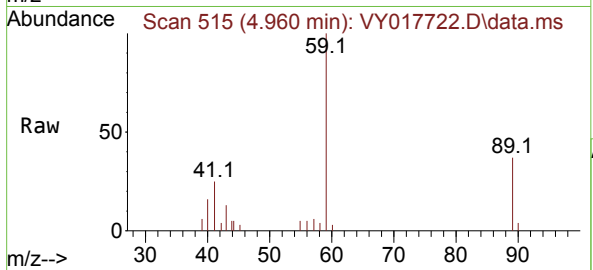




#11
Tert butyl alcohol
Concen: 79.770 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

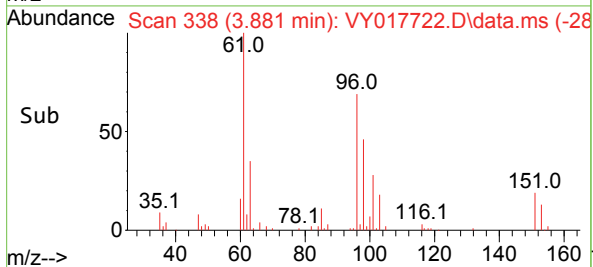
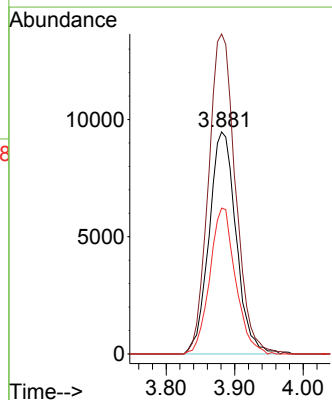
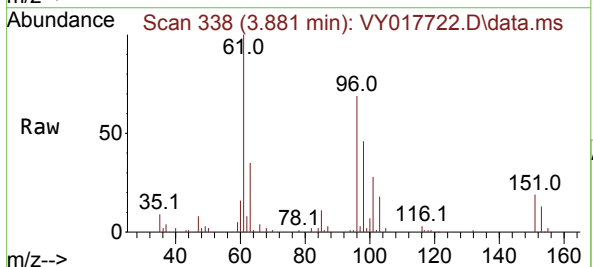
Instrument :
MSVOA_Y
ClientSampleId :

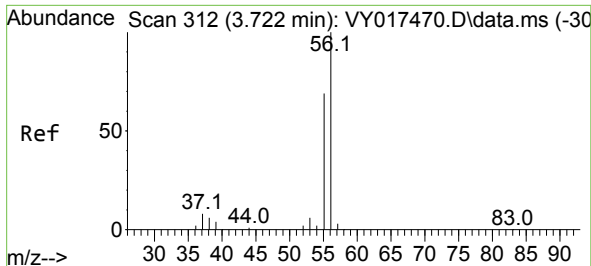
Tgt Ion: 59 Resp: 8657
Ion Ratio Lower Upper
59 100
57 4.3 3.0 4.6



#12
1,1-Dichloroethene
Concen: 20.374 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.018 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion: 96 Resp: 25946
Ion Ratio Lower Upper
96 100
61 144.0 114.6 171.8
98 65.7 50.8 76.2





#13

Acrolein

Concen: 65.233 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

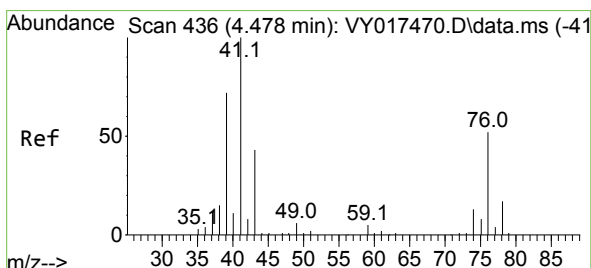
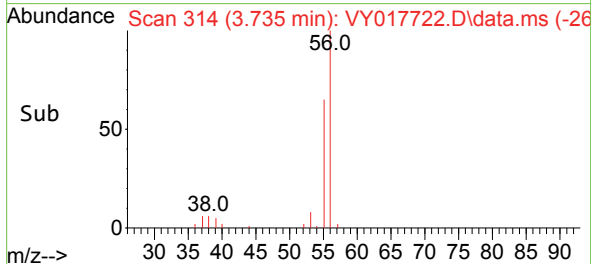
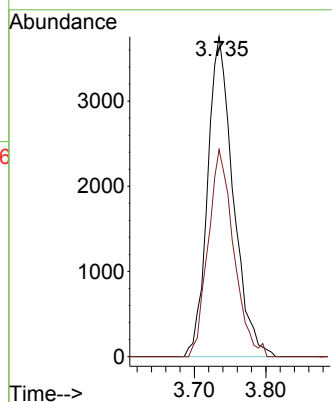
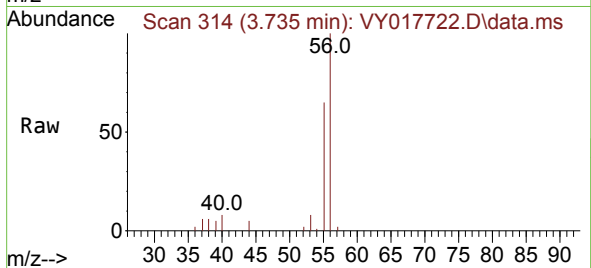
ClientSampleId :

Tgt Ion: 56 Resp: 9341

Ion Ratio Lower Upper

56 100

55 64.6 55.7 83.5



#14

Allyl chloride

Concen: 20.263 ug/l

RT: 4.484 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

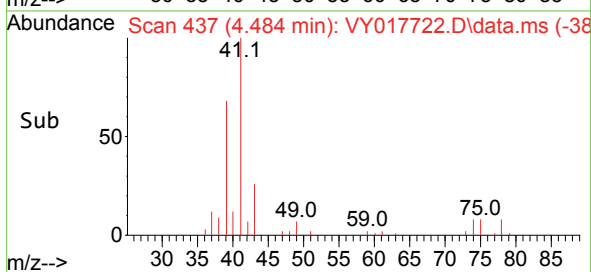
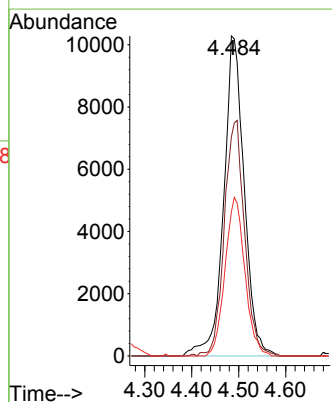
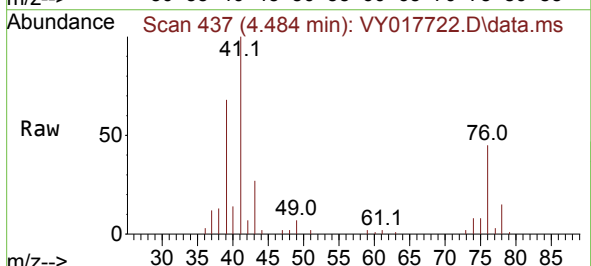
Tgt Ion: 41 Resp: 31179

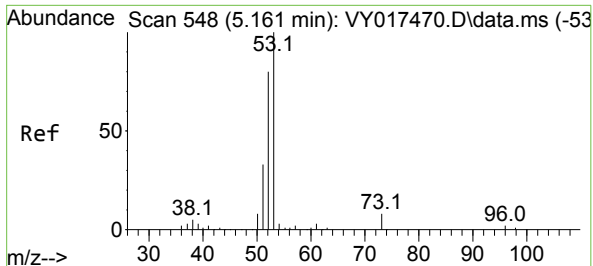
Ion Ratio Lower Upper

41 100

39 73.0 58.3 87.5

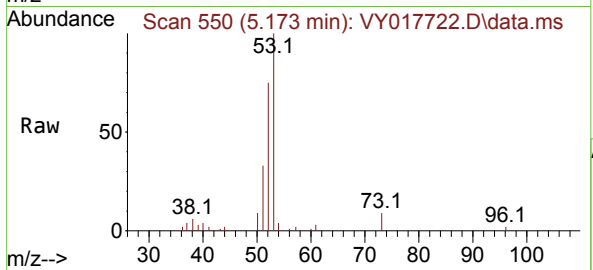
76 48.0 39.0 58.6



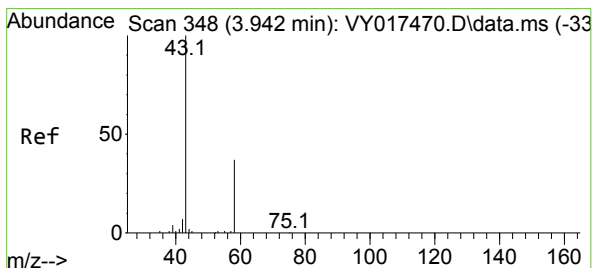
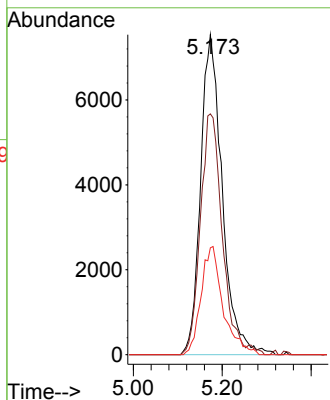
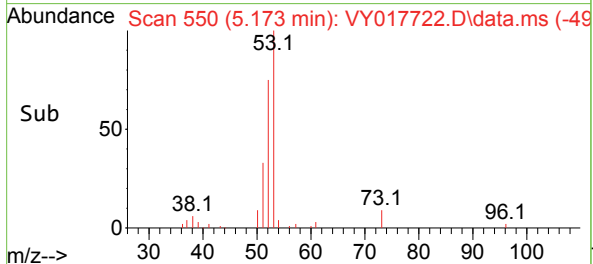


#15
Acrylonitrile
Concen: 89.159 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Instrument :
MSVOA_Y
ClientSampleId :

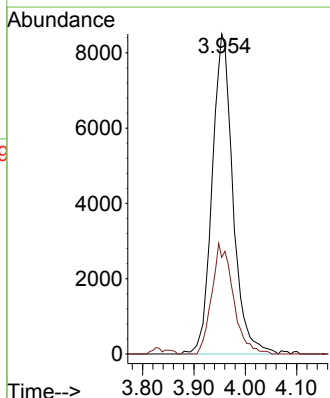
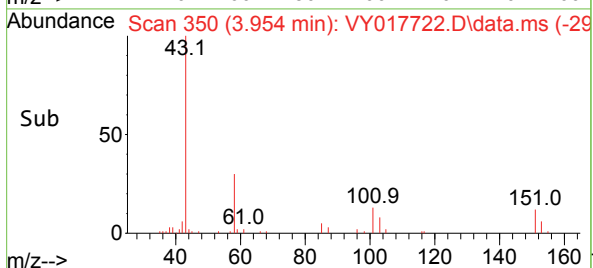
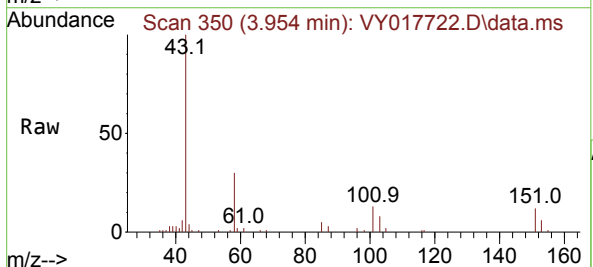


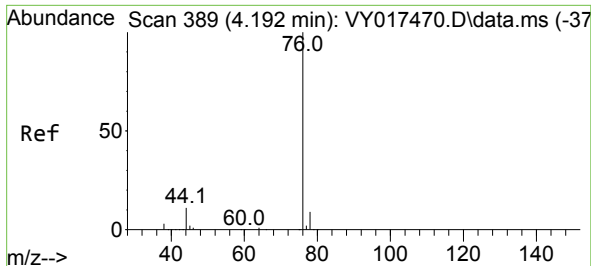
Tgt Ion: 53 Resp: 25538
Ion Ratio Lower Upper
53 100
52 75.3 64.7 97.1
51 34.5 28.4 42.6



#16
Acetone
Concen: 96.286 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion: 43 Resp: 23860
Ion Ratio Lower Upper
43 100
58 30.2 31.7 47.5#

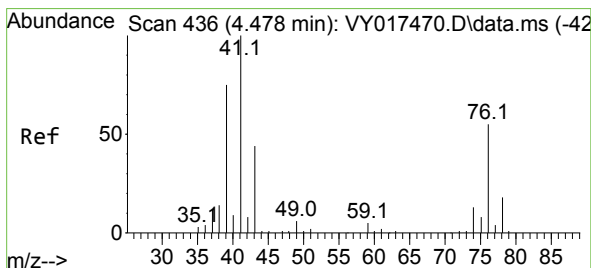
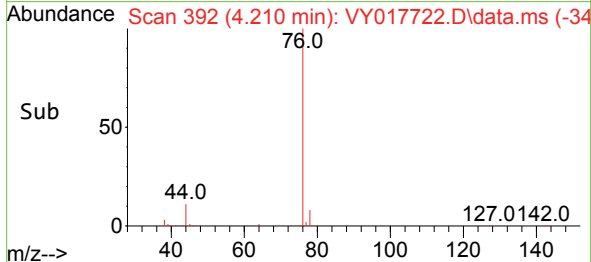
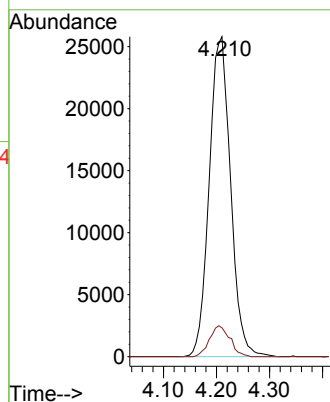
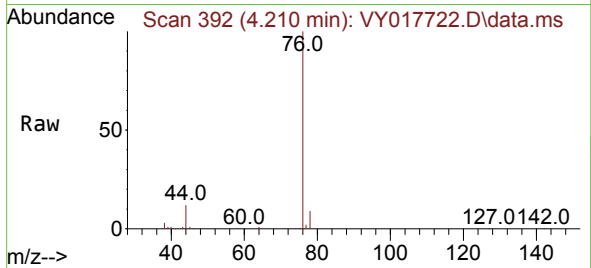




#17
Carbon Disulfide
Concen: 18.886 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

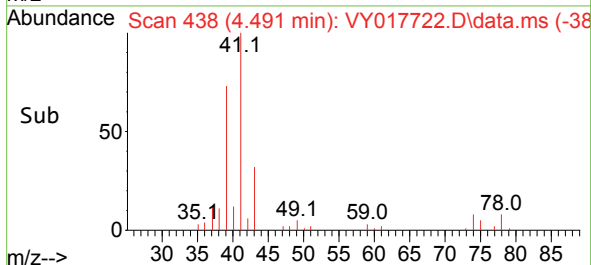
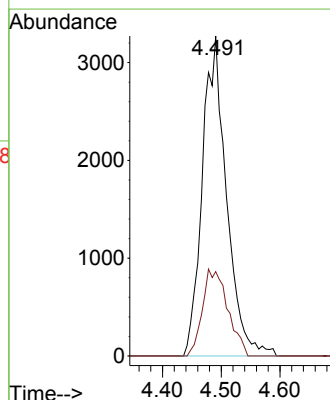
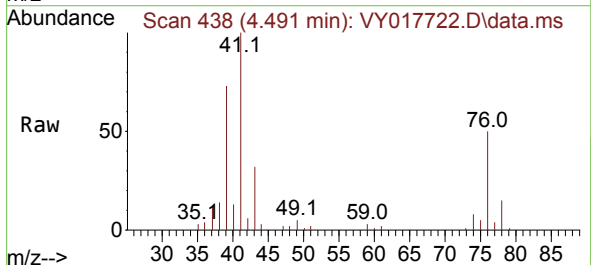
Instrument :
MSVOA_Y
ClientSampleId :

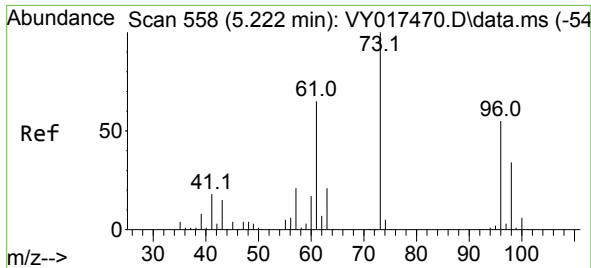
Tgt Ion: 76 Resp: 72191
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 15.579 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion: 43 Resp: 9366
Ion Ratio Lower Upper
43 100
74 28.3 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 17.885 ug/l

RT: 5.228 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

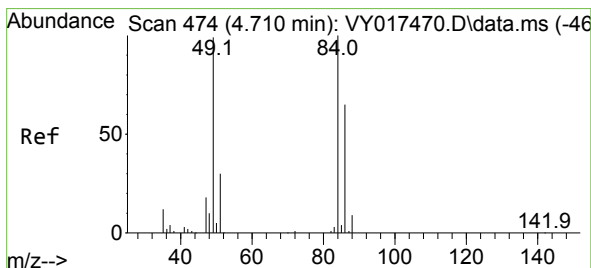
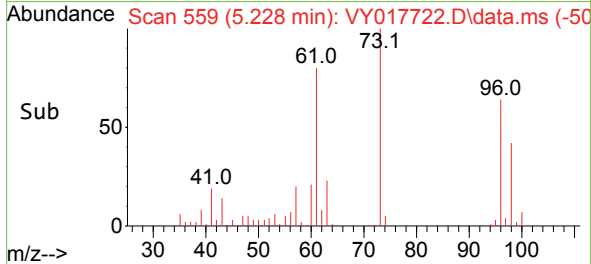
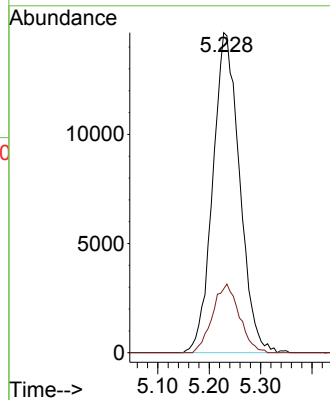
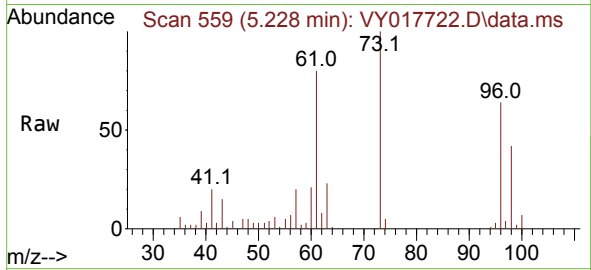
ClientSampleId :

Tgt Ion: 73 Resp: 53087

Ion Ratio Lower Upper

73 100

57 19.9 17.3 25.9



#20

Methylene Chloride

Concen: 18.147 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.018 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Tgt Ion: 84 Resp: 31501

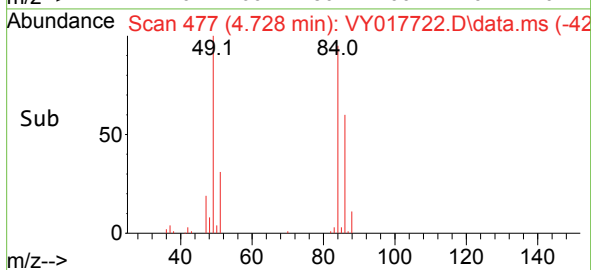
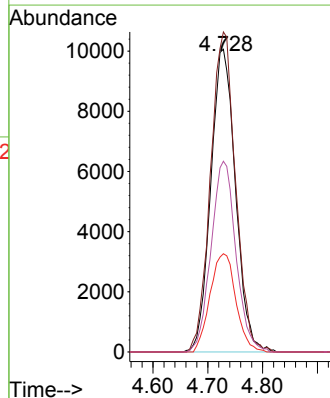
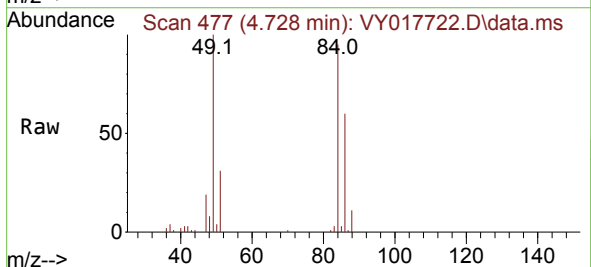
Ion Ratio Lower Upper

84 100

49 105.7 84.4 126.6

51 32.5 26.0 39.0

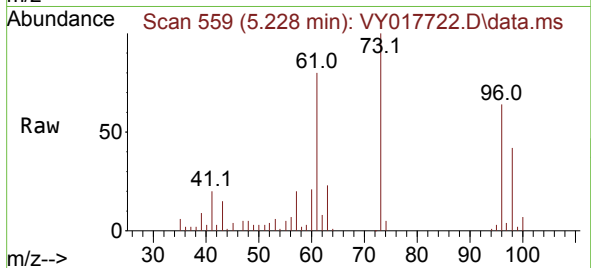
86 63.0 49.5 74.3



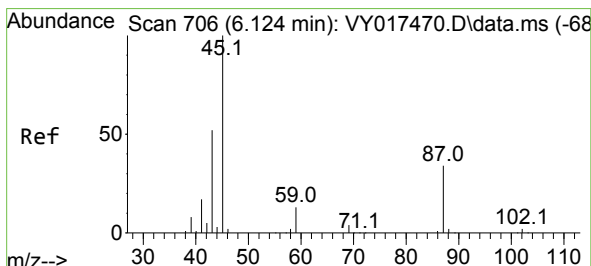
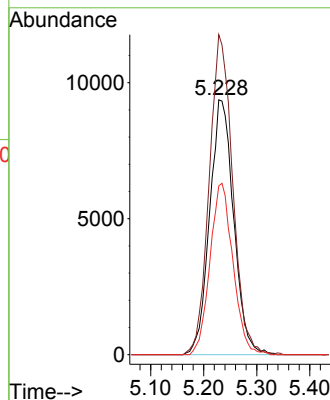
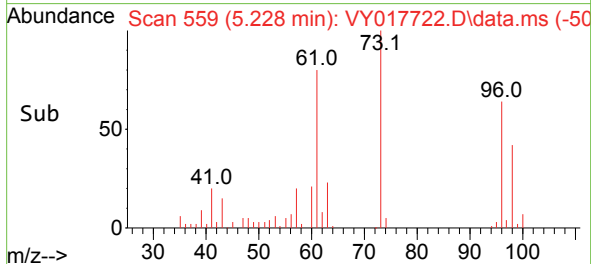


#21
trans-1,2-Dichloroethene
Concen: 19.748 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

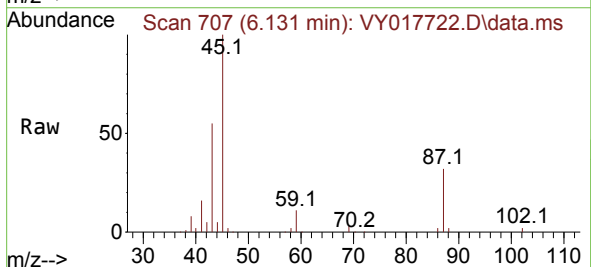
Instrument :
MSVOA_Y
ClientSampleId :



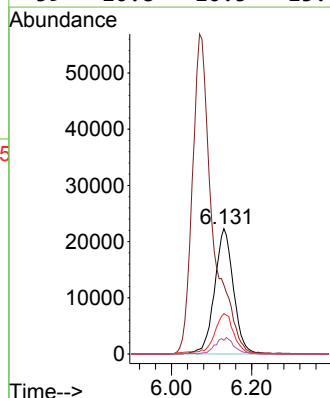
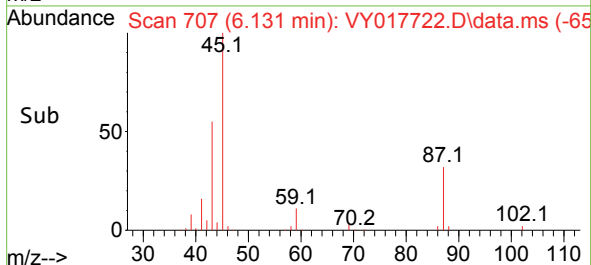
Tgt Ion: 96 Resp: 29445
Ion Ratio Lower Upper
96 100
61 125.6 97.5 146.3
98 66.2 50.5 75.7

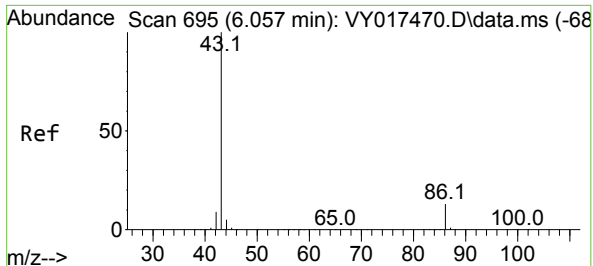


#22
Diisopropyl ether
Concen: 20.484 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40



Tgt Ion: 45 Resp: 72734
Ion Ratio Lower Upper
45 100
43 54.2 42.2 63.2
87 32.1 25.0 37.6
59 10.8 10.5 15.7

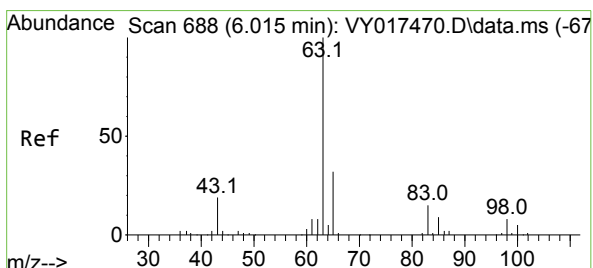
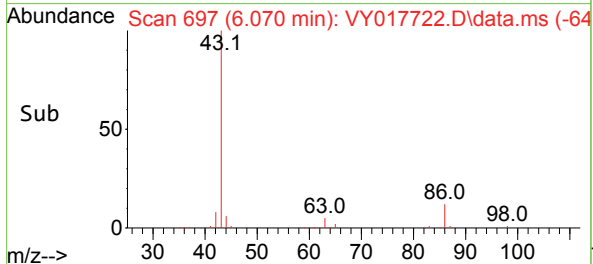
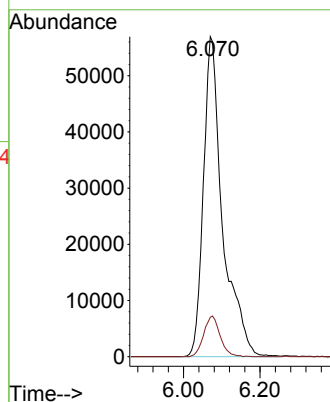
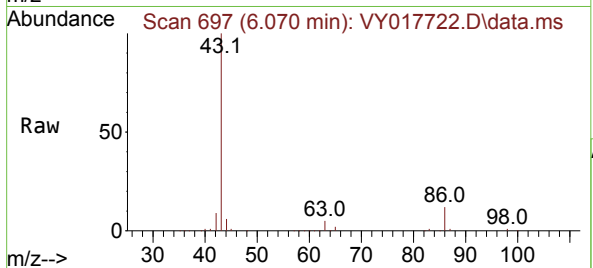




#23
 Vinyl Acetate
 Concen: 93.782 ug/l
 RT: 6.070 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY017722.D
 Acq: 20 Mar 2024 10:40

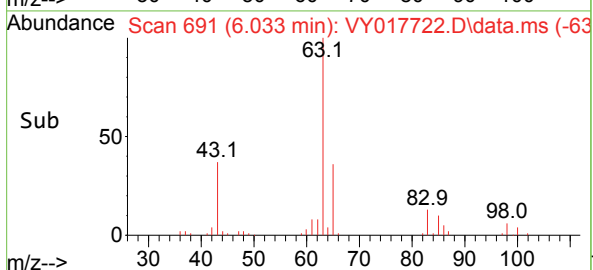
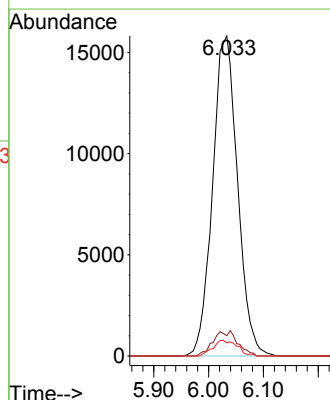
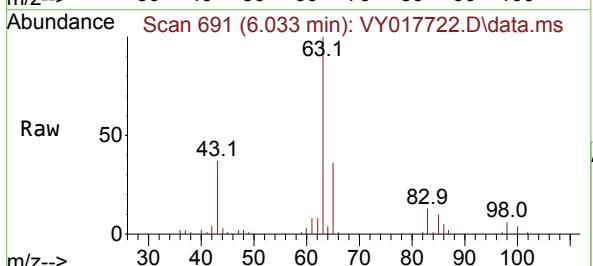
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 43 Resp: 198429
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.613 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017722.D
 Acq: 20 Mar 2024 10:40

Tgt Ion: 63 Resp: 50003
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.0 12.2
 100 4.1 2.6 8.0





#25

2-Butanone

Concen: 91.394 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

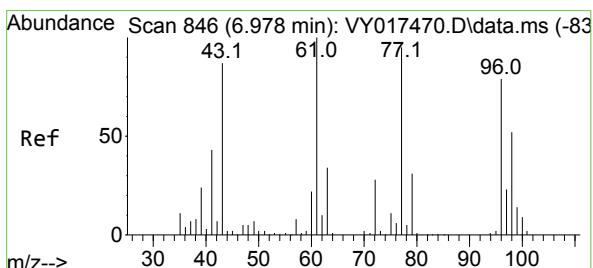
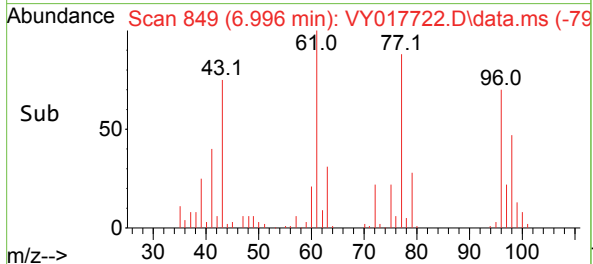
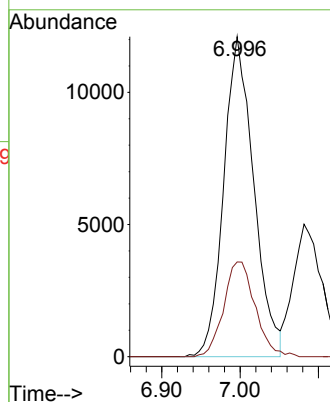
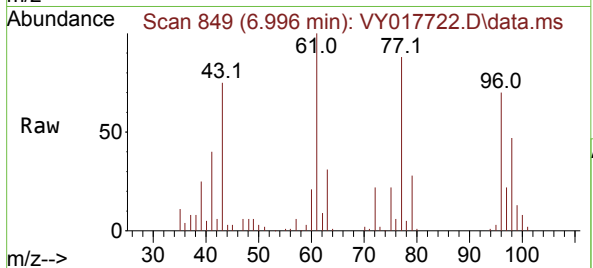
ClientSampleId :

Tgt Ion: 43 Resp: 32276

Ion Ratio Lower Upper

43 100

72 29.6 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.150 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.018 min

Lab File: VY017722.D

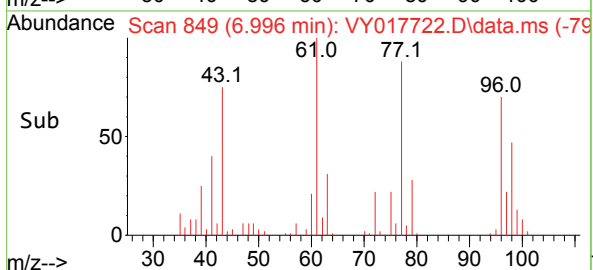
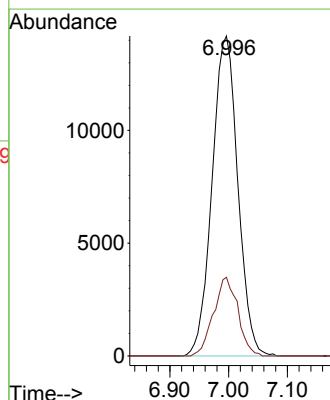
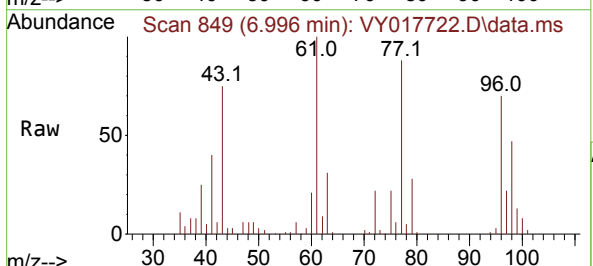
Acq: 20 Mar 2024 10:40

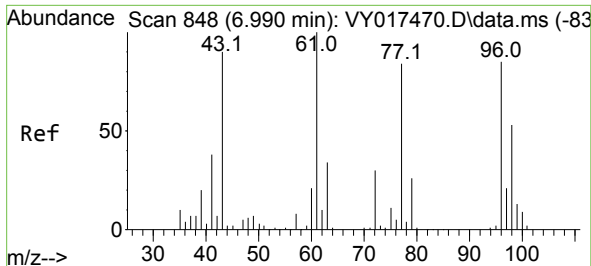
Tgt Ion: 77 Resp: 43137

Ion Ratio Lower Upper

77 100

97 23.2 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.450 ug/l

RT: 7.002 min Scan# 848

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

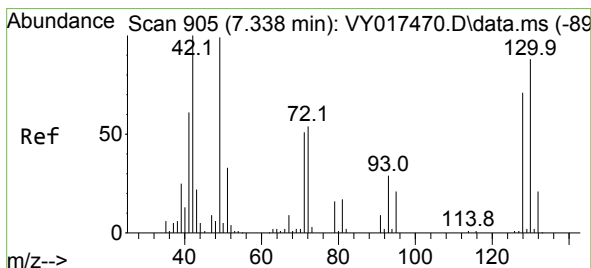
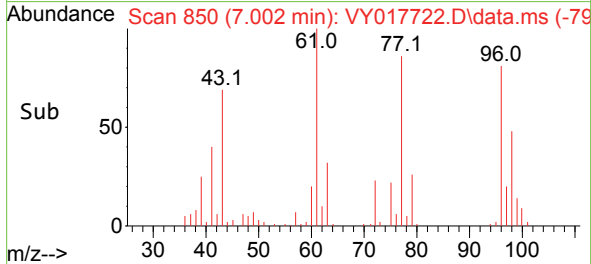
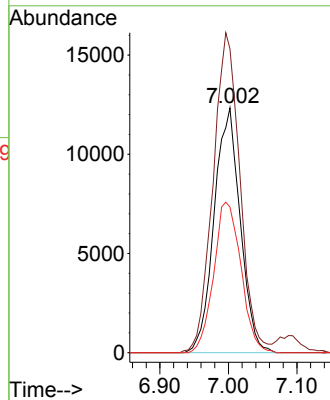
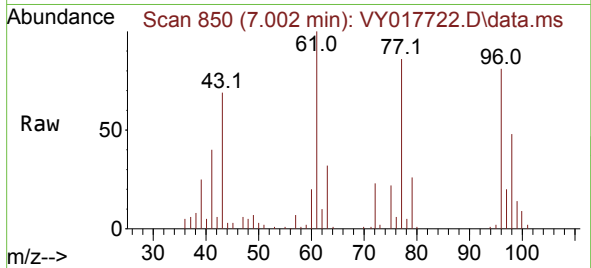
Tgt Ion: 96 Resp: 32561

Ion Ratio Lower Upper

96 100

61 134.9 0.0 256.2

98 64.4 0.0 130.0



#28

Bromochloromethane

Concen: 17.859 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

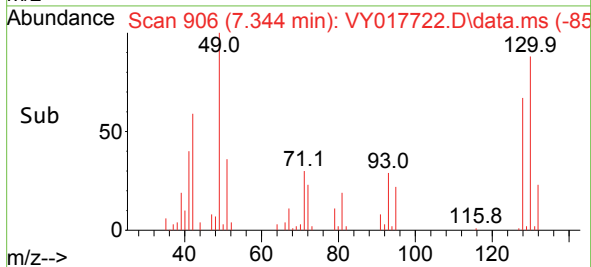
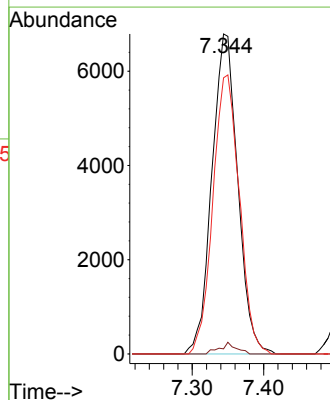
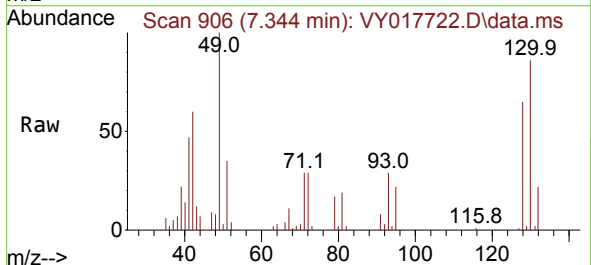
Tgt Ion: 49 Resp: 17062

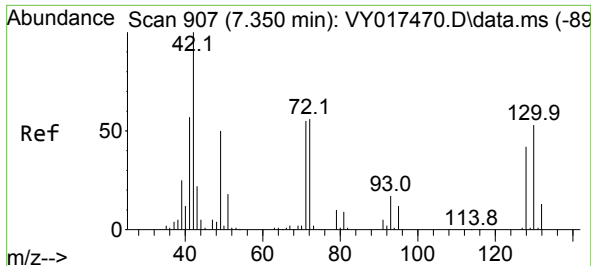
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 89.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 82.022 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

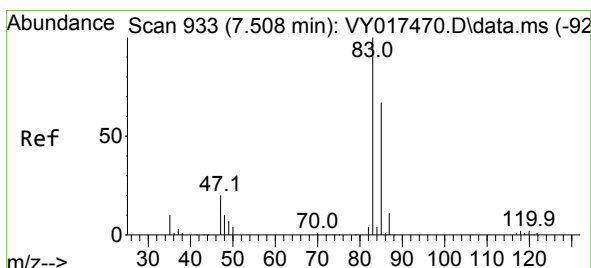
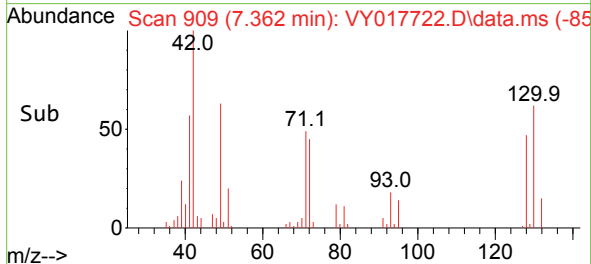
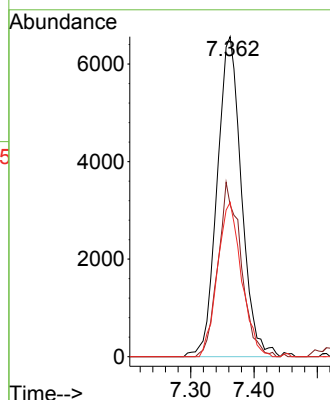
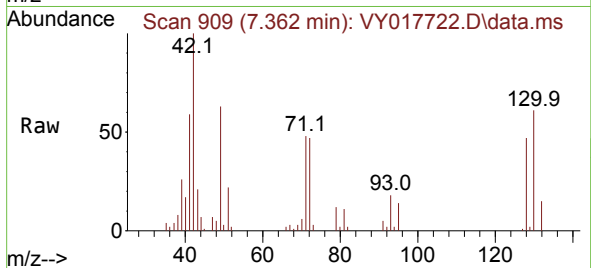
Tgt Ion: 42 Resp: 17461

Ion Ratio Lower Upper

42 100

72 51.8 43.0 64.4

71 48.0 40.8 61.2



#30

Chloroform

Concen: 20.468 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017722.D

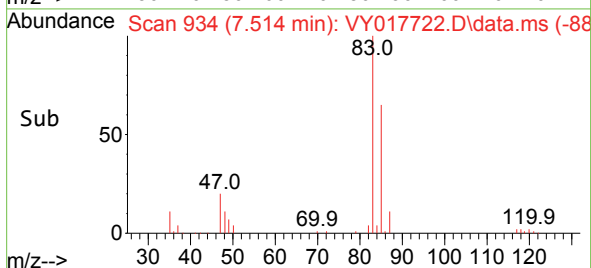
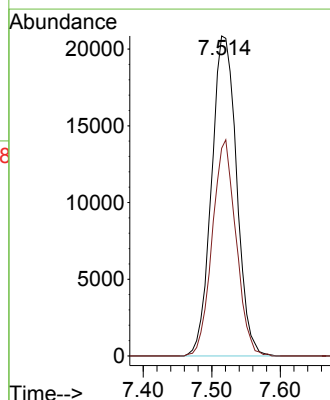
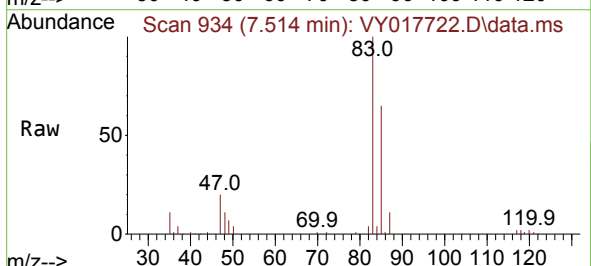
Acq: 20 Mar 2024 10:40

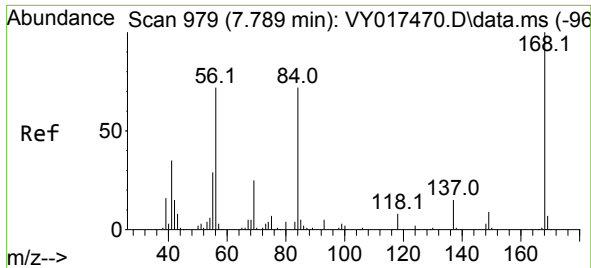
Tgt Ion: 83 Resp: 52863

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4

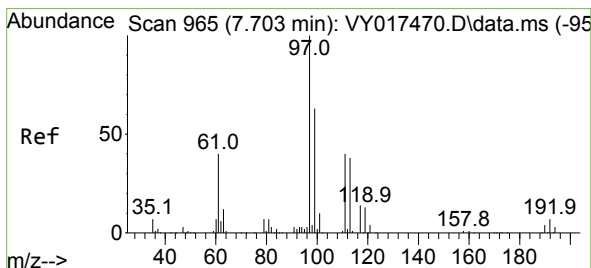
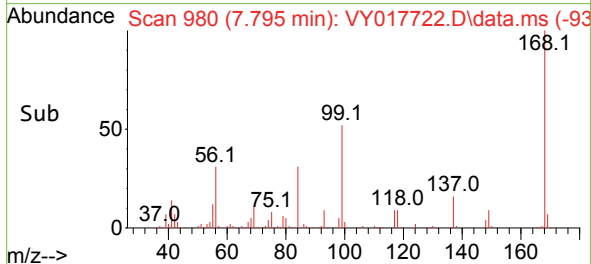
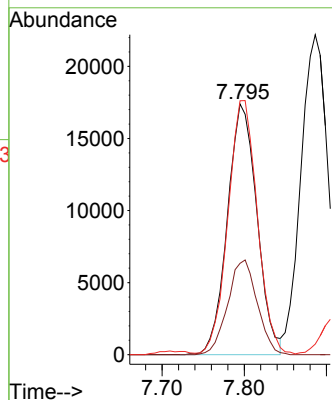
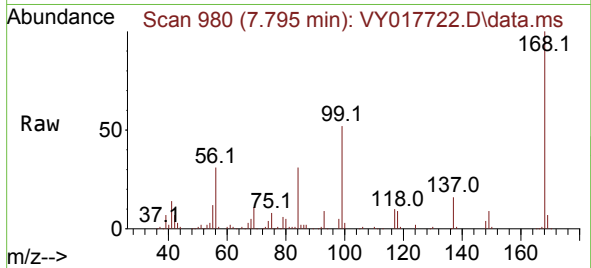




#31
Cyclohexane
Concen: 20.952 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

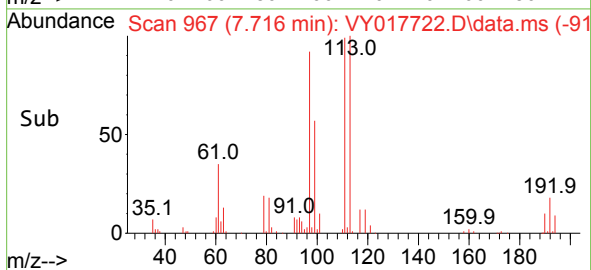
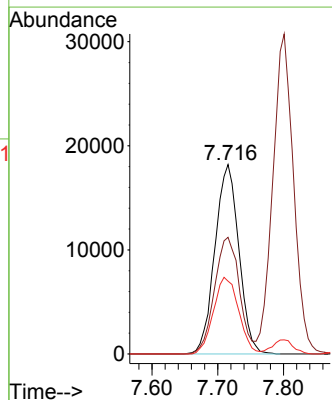
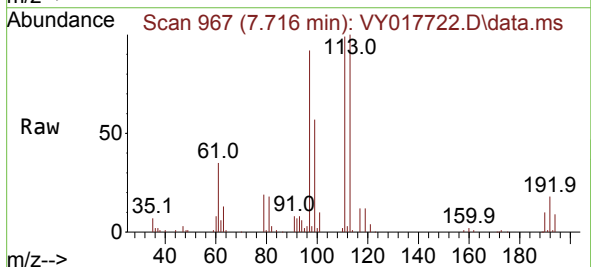
Instrument :
MSVOA_Y
ClientSampleId :

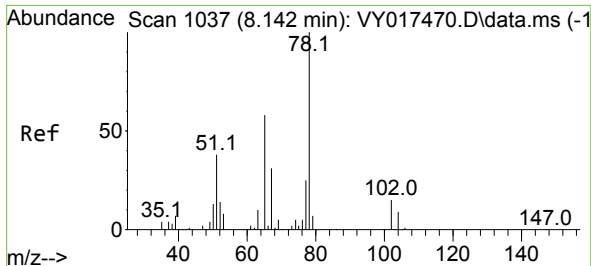
Tgt Ion: 56 Resp: 43564
Ion Ratio Lower Upper
56 100
69 36.5 28.7 43.1
84 100.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.552 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion: 97 Resp: 46083
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 42.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 41.838 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

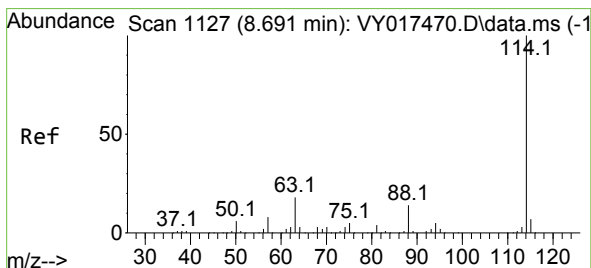
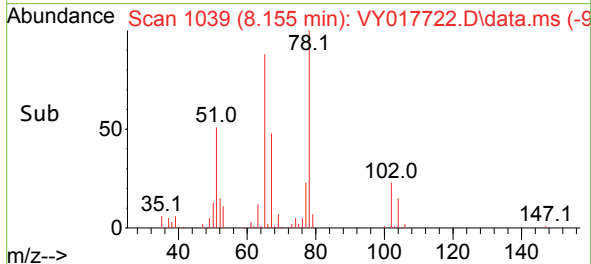
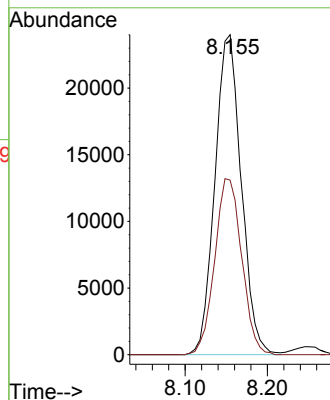
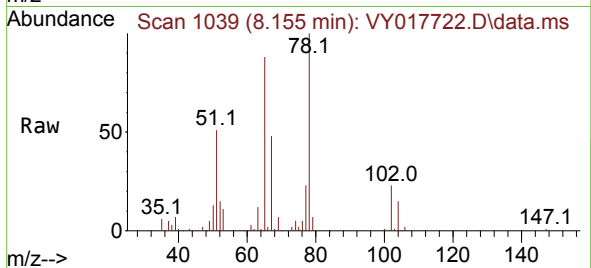
ClientSampleId :

Tgt Ion: 65 Resp: 53452

Ion Ratio Lower Upper

65 100

67 56.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

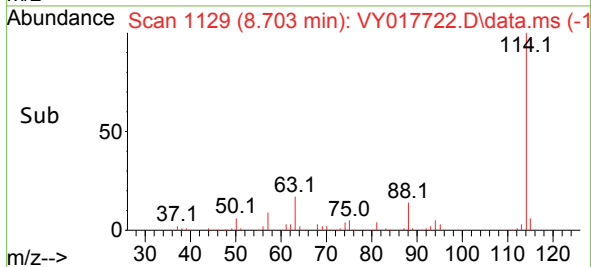
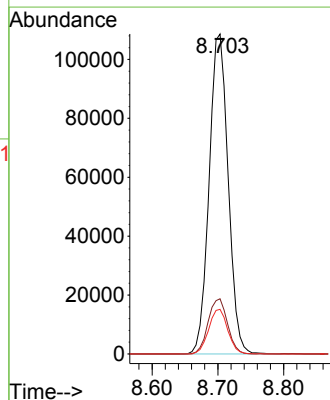
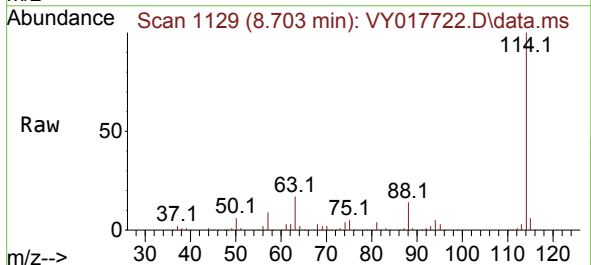
Tgt Ion: 114 Resp: 218597

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

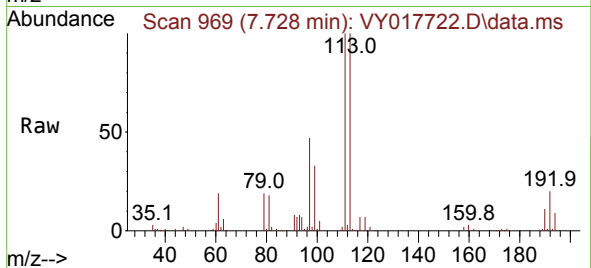
88 14.0 0.0 27.2



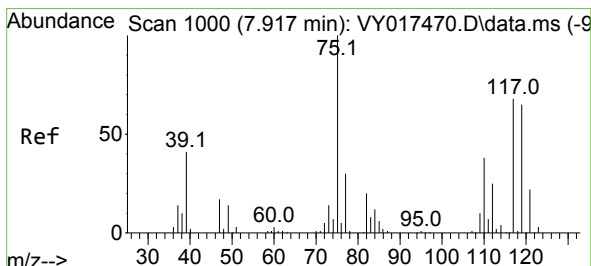
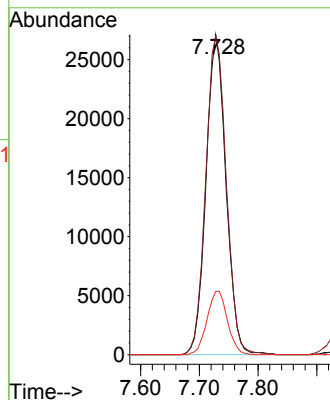
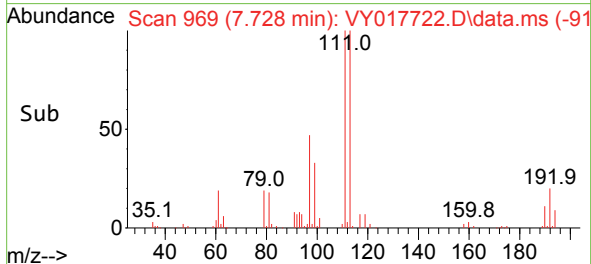


#35
Dibromofluoromethane
Concen: 41.939 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

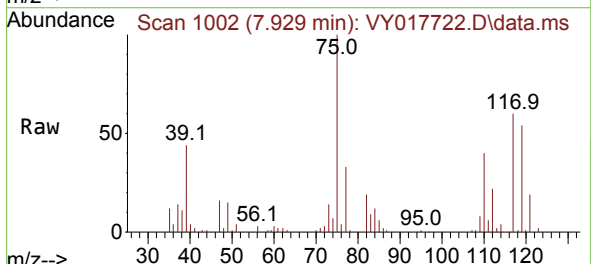
Instrument :
MSVOA_Y
ClientSampleId :



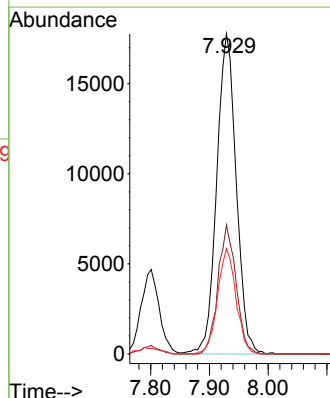
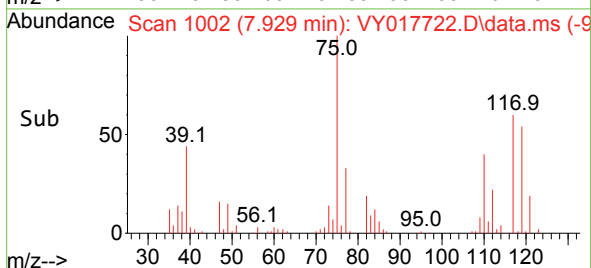
Tgt Ion:113 Resp: 63883
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 20.3 15.9 23.9

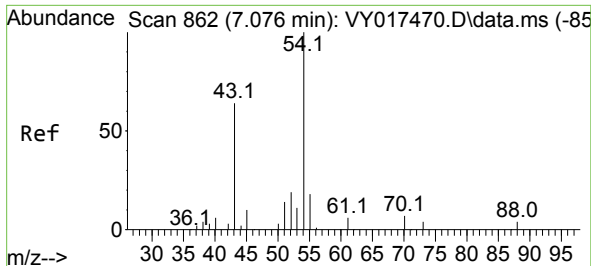


#36
1,1-Dichloropropene
Concen: 19.956 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40



Tgt Ion: 75 Resp: 41014
Ion Ratio Lower Upper
75 100
110 37.3 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 16.610 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

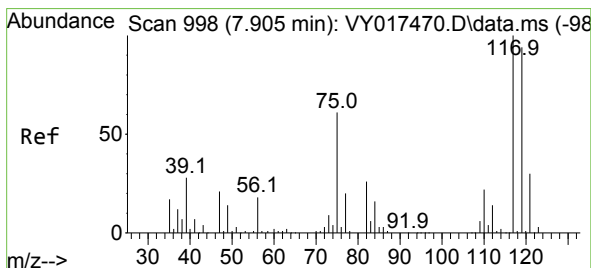
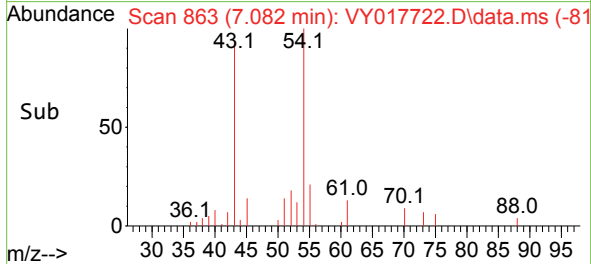
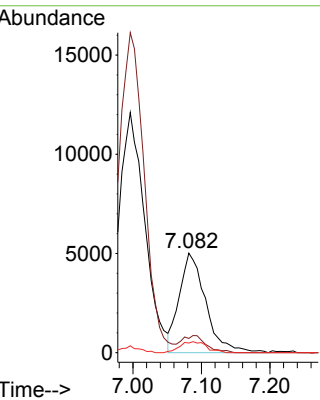
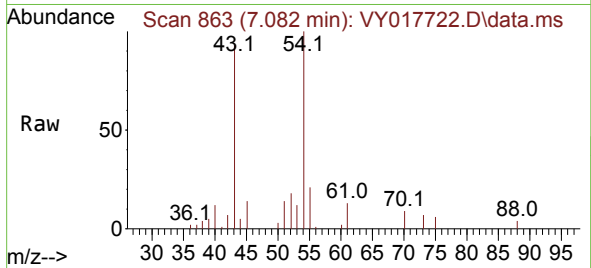
Tgt Ion: 43 Resp: 13483

Ion Ratio Lower Upper

43 100

61 15.5 12.6 19.0

70 11.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.404 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

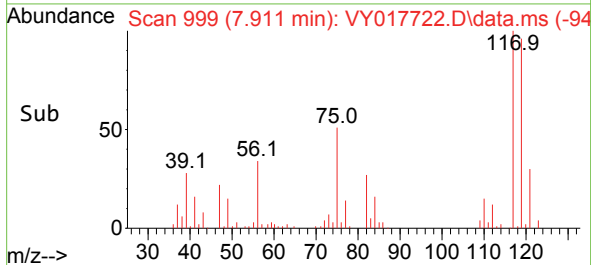
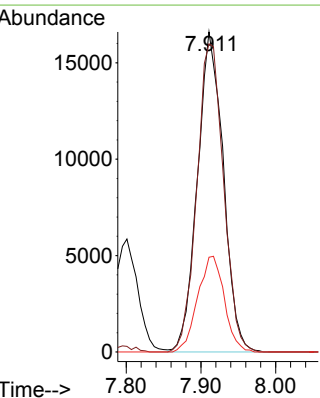
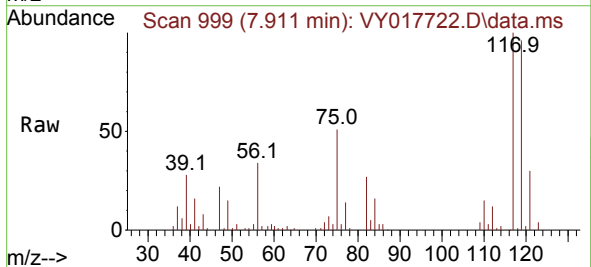
Tgt Ion: 117 Resp: 39968

Ion Ratio Lower Upper

117 100

119 96.3 75.8 113.6

121 29.6 24.0 36.0

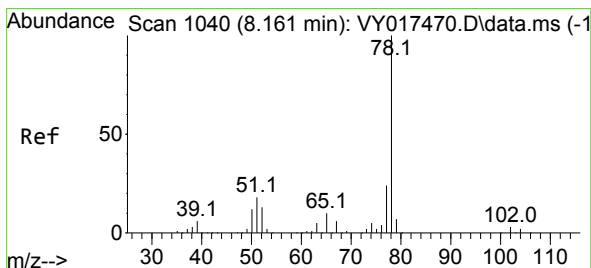
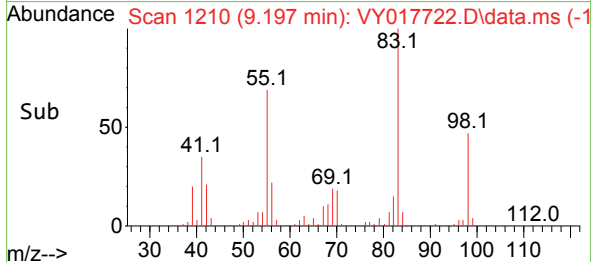
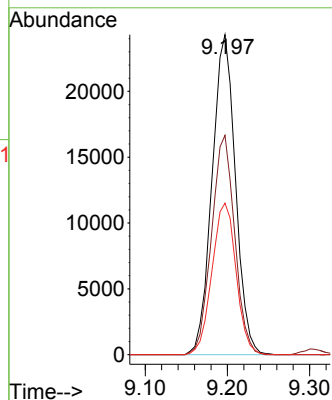
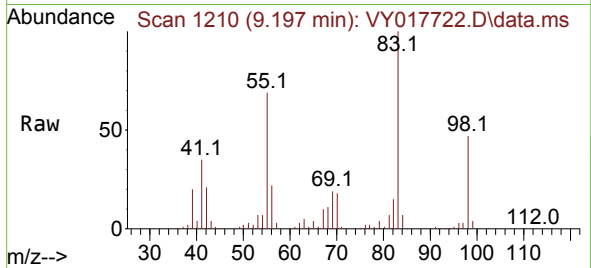




#39
Methylcyclohexane
Concen: 19.427 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

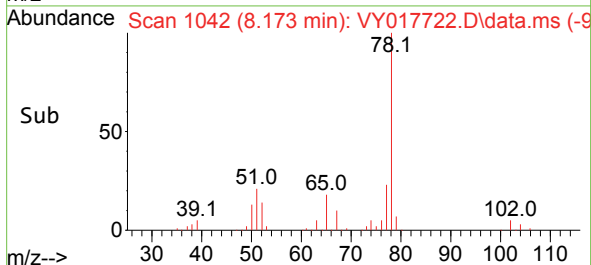
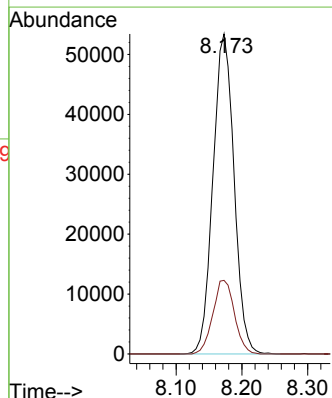
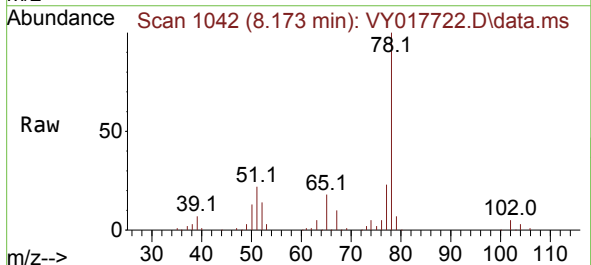
Instrument :
MSVOA_Y
ClientSampleId :

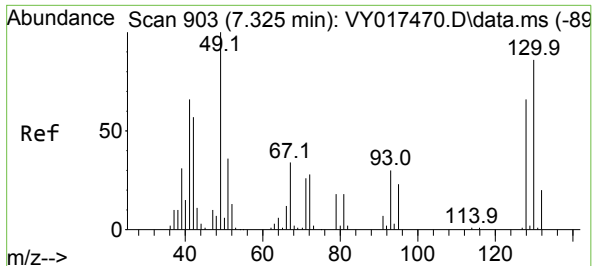
Tgt Ion: 83 Resp: 47982
Ion Ratio Lower Upper
83 100
55 68.6 51.5 77.3
98 47.3 40.5 60.7



#40
Benzene
Concen: 19.507 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

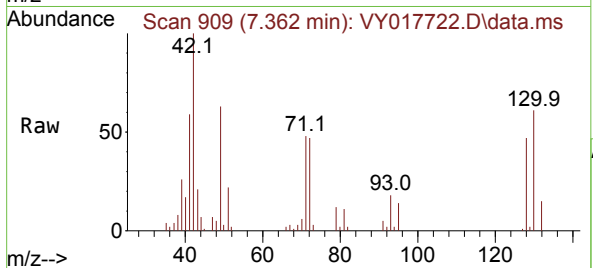
Tgt Ion: 78 Resp: 119058
Ion Ratio Lower Upper
78 100
77 23.0 19.5 29.3



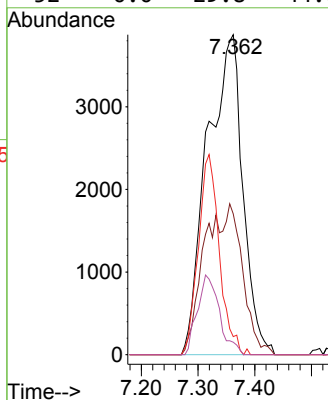
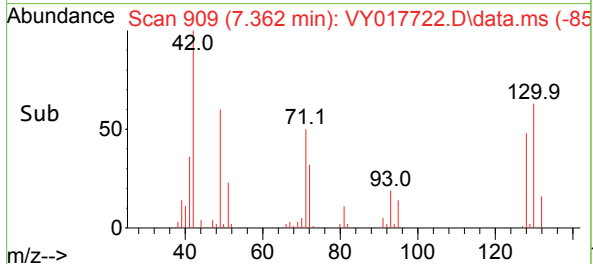


#41
Methacrylonitrile
Concen: 41.248 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.037 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Instrument :
MSVOA_Y
ClientSampleId :

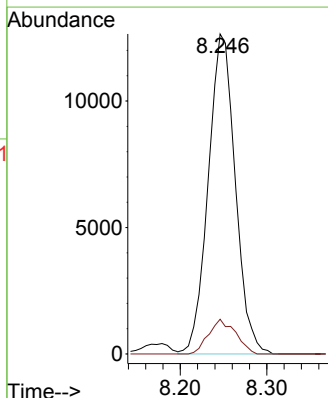
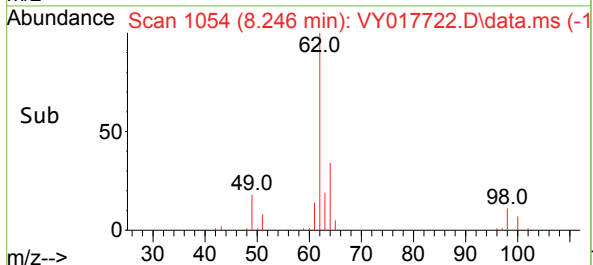
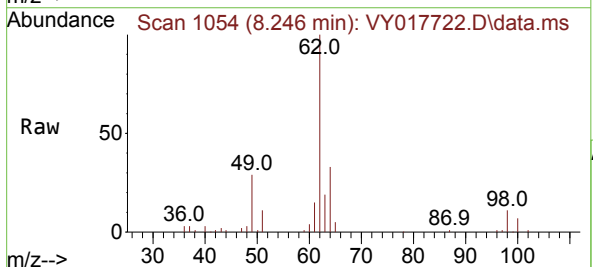


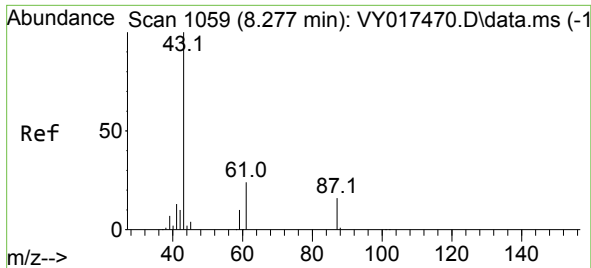
Tgt Ion: 41 Resp: 16802
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 18.424 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion: 62 Resp: 27436
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0

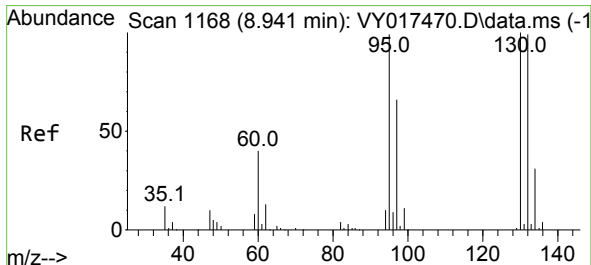
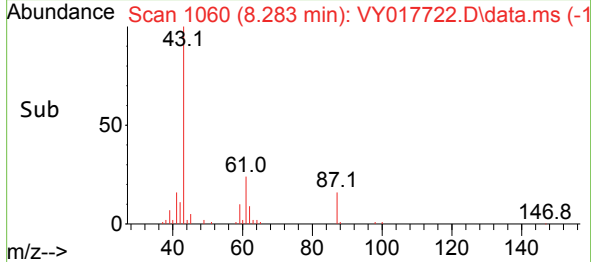
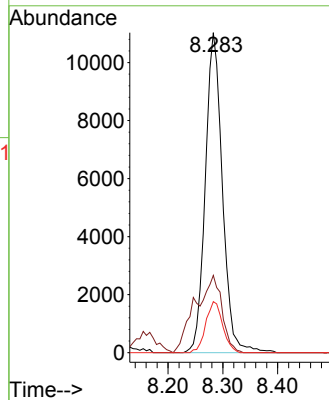
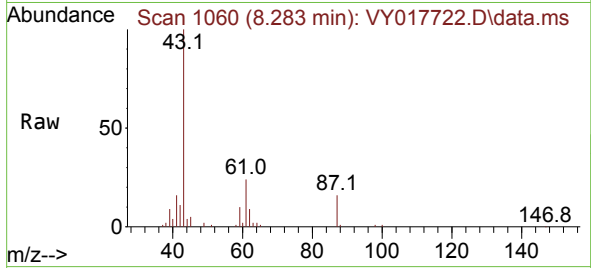




#43
Isopropyl Acetate
Concen: 16.730 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

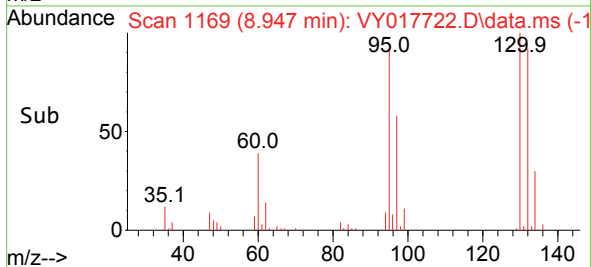
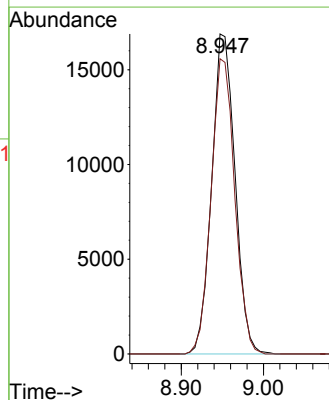
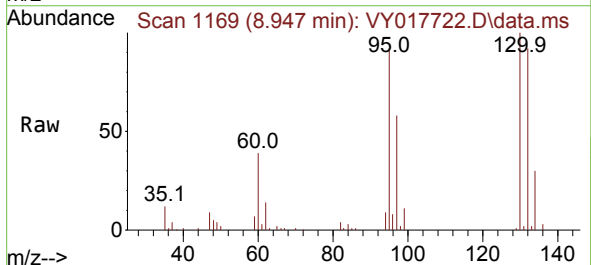
Instrument :
MSVOA_Y
ClientSampleId :

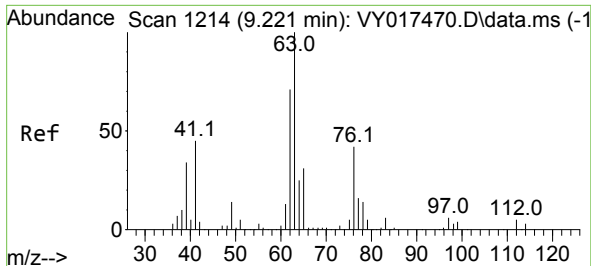
Tgt Ion:	43	Resp:	23864
Ion	Ratio	Lower	Upper
43	100		
61	37.6	27.9	41.9
87	15.8	13.1	19.7



#44
Trichloroethene
Concen: 18.896 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion:	130	Resp:	33242
Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	188.0





#45

1,2-Dichloropropane

Concen: 19.525 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

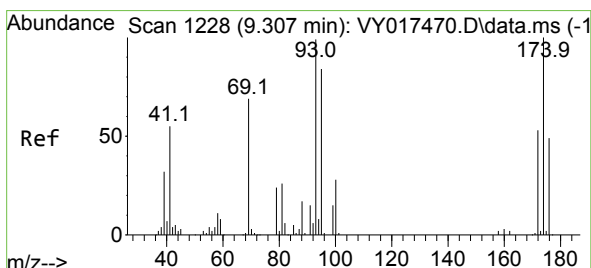
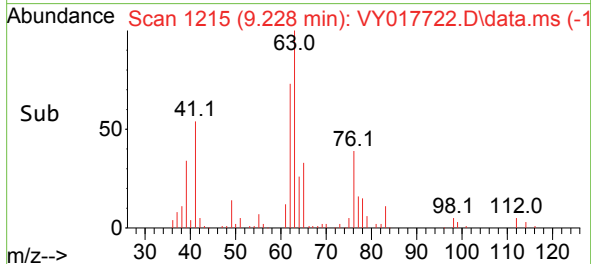
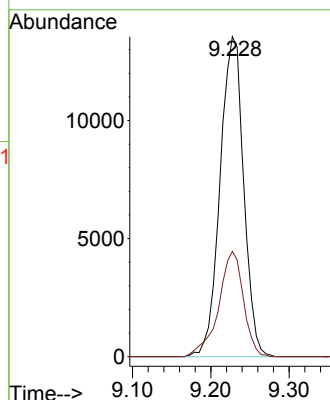
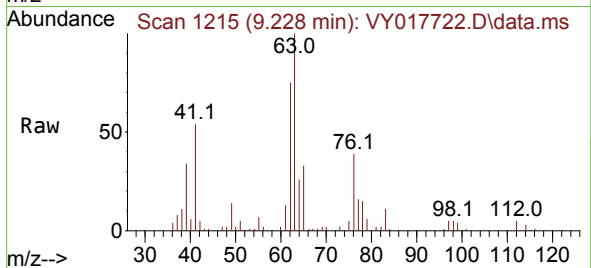
ClientSampleId :

Tgt Ion: 63 Resp: 28352

Ion Ratio Lower Upper

63 100

65 32.9 25.4 38.2



#46

Dibromomethane

Concen: 17.673 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

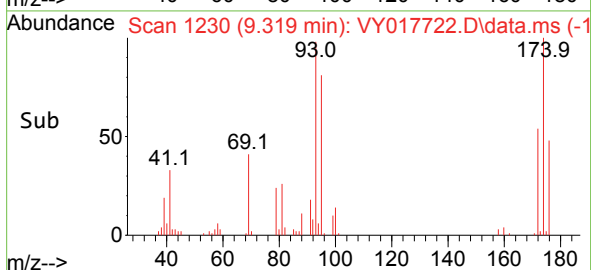
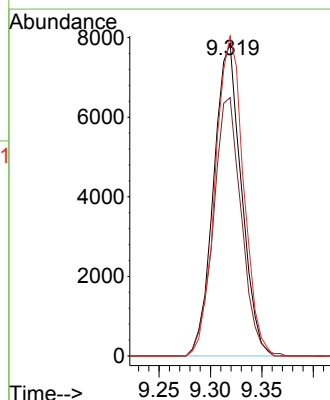
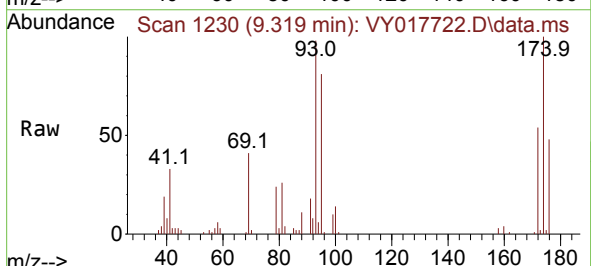
Tgt Ion: 93 Resp: 14687

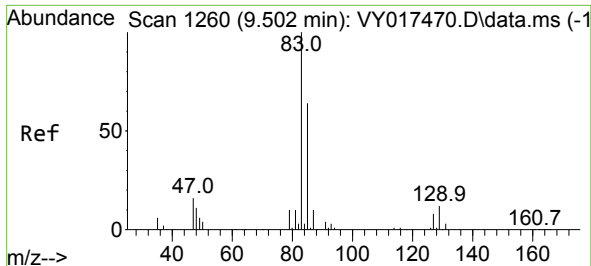
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

174 104.6 80.9 121.3

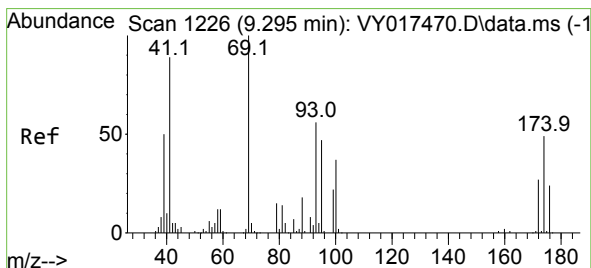
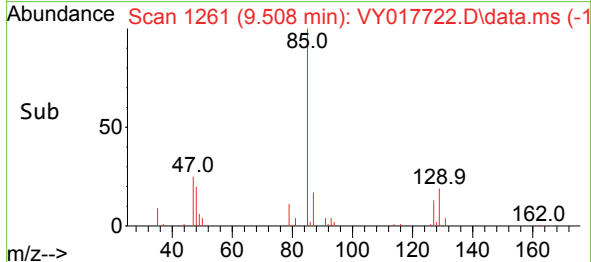
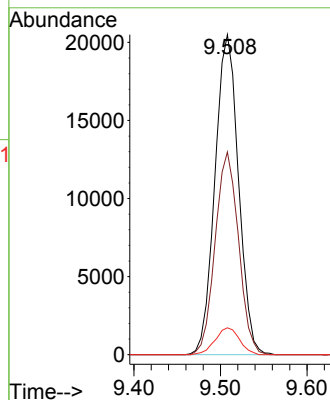
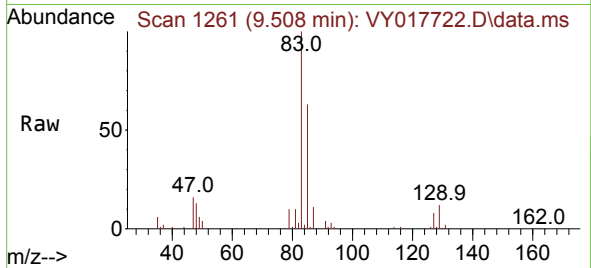




#47
Bromodichloromethane
Concen: 19.164 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

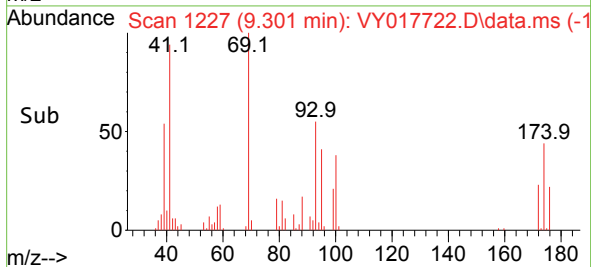
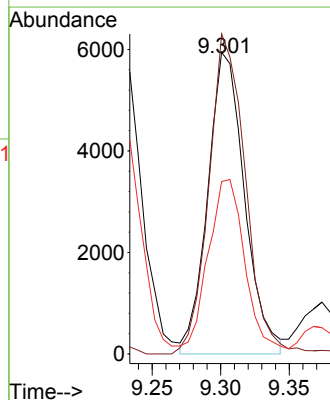
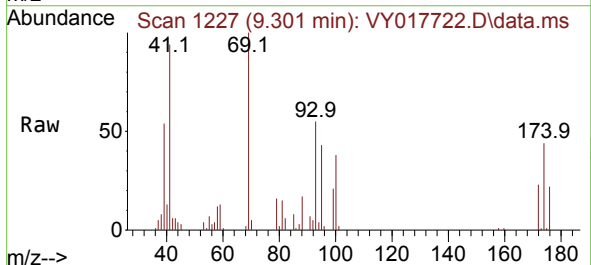
Instrument :
MSVOA_Y
ClientSampleId :

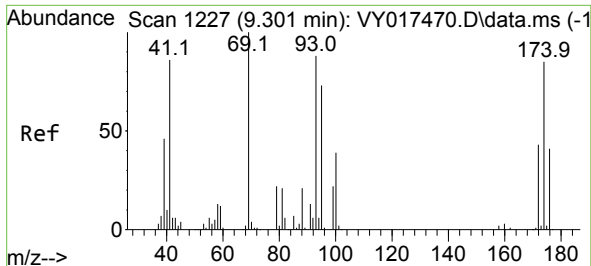
Tgt Ion: 83 Resp: 38669
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 16.809 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

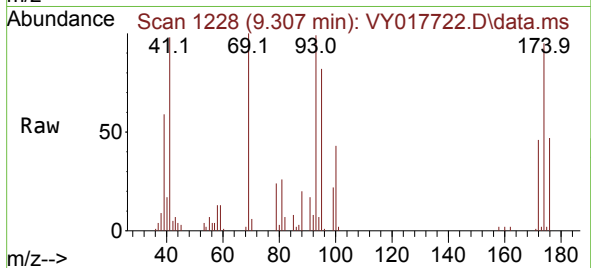
Tgt Ion: 41 Resp: 11098
Ion Ratio Lower Upper
41 100
69 105.6 84.1 126.1
39 55.1 43.6 65.4



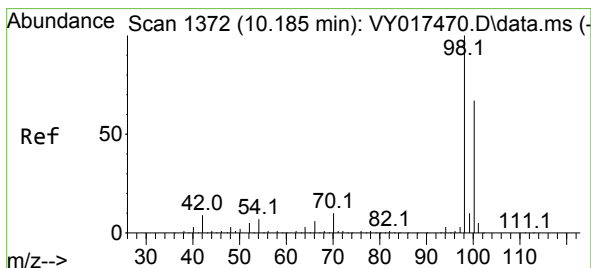
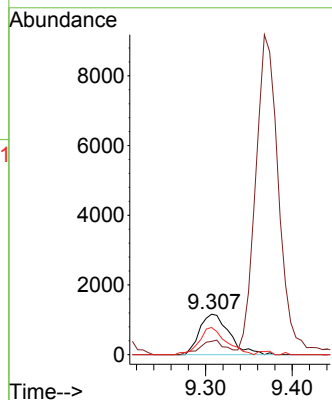
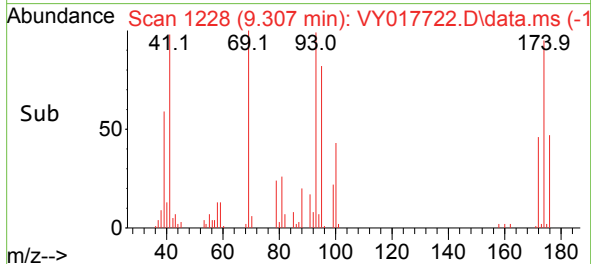


#49
1,4-Dioxane
Concen: 295.589 ug/l
RT: 9.307 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Instrument :
MSVOA_Y
ClientSampleId :

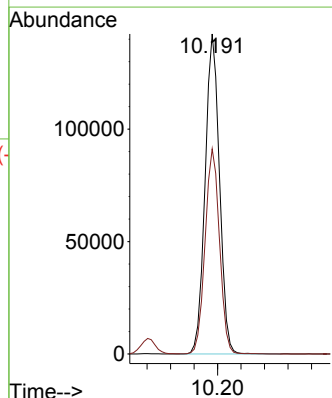
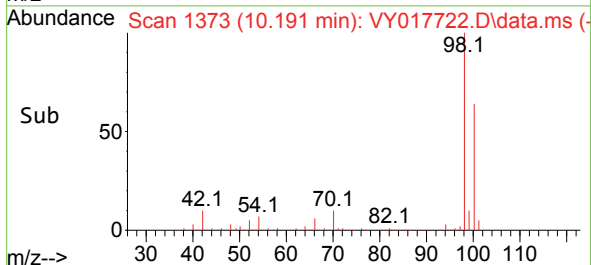
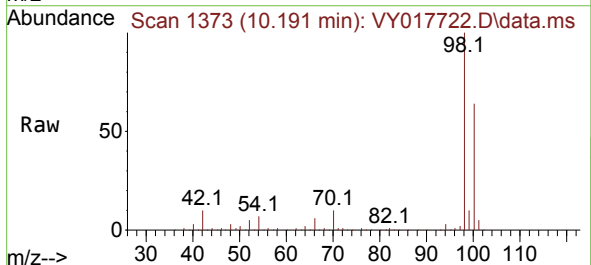


Tgt Ion: 88 Resp: 2780
Ion Ratio Lower Upper
88 100
43 29.5 0.0 0.0#
58 59.7 49.3 73.9



#50
Toluene-d8
Concen: 45.417 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion: 98 Resp: 241884
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 78.784 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

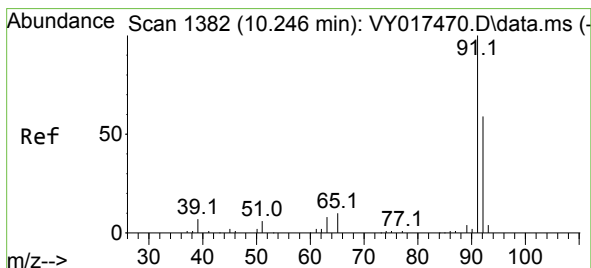
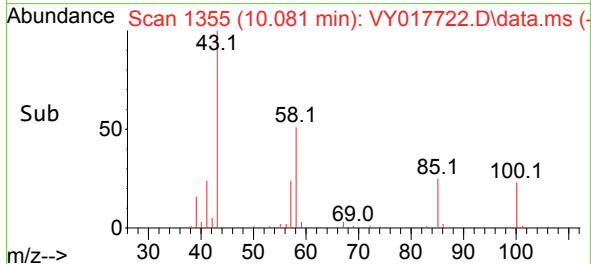
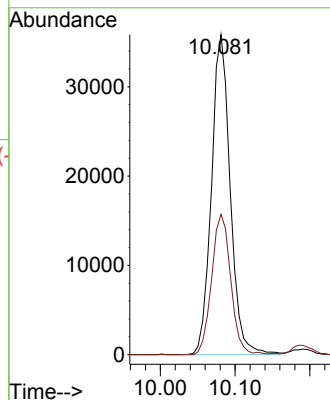
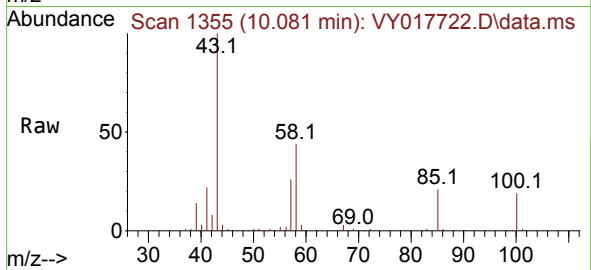
ClientSampleId :

Tgt Ion: 43 Resp: 62632

Ion Ratio Lower Upper

43 100

58 44.6 35.7 53.5



#52

Toluene

Concen: 19.471 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.012 min

Lab File: VY017722.D

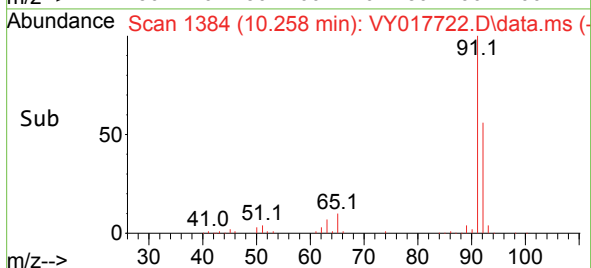
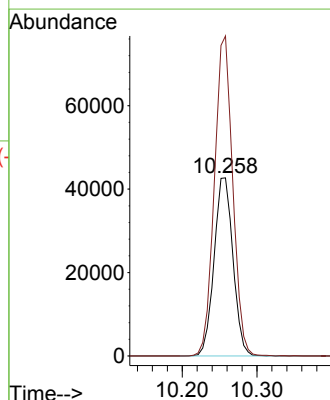
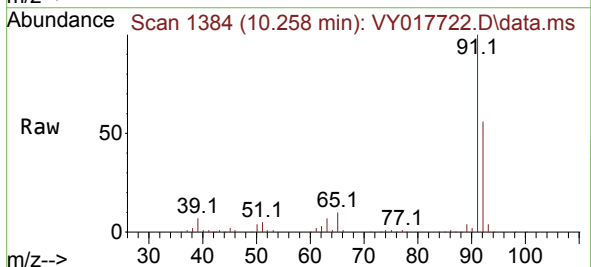
Acq: 20 Mar 2024 10:40

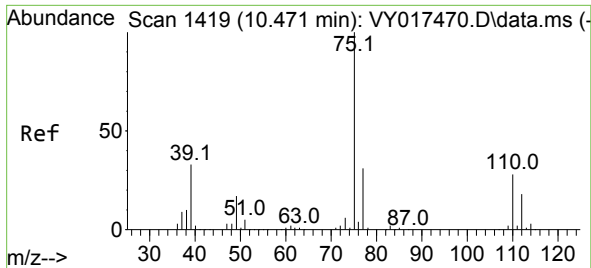
Tgt Ion: 92 Resp: 74918

Ion Ratio Lower Upper

92 100

91 174.3 139.0 208.6

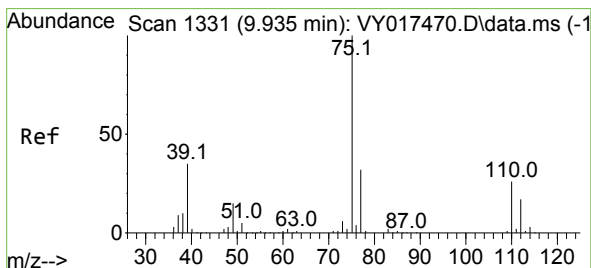
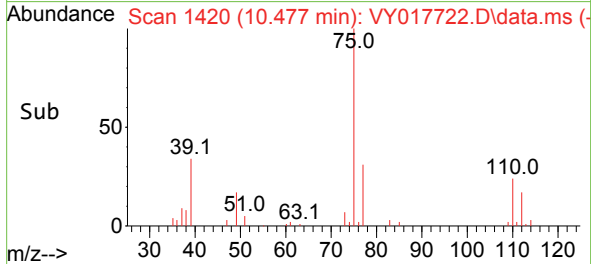
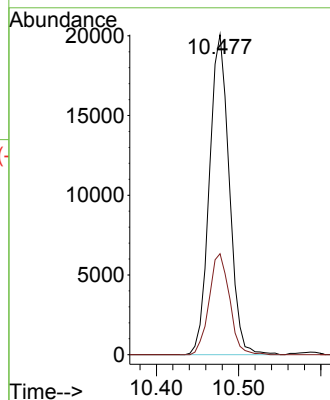
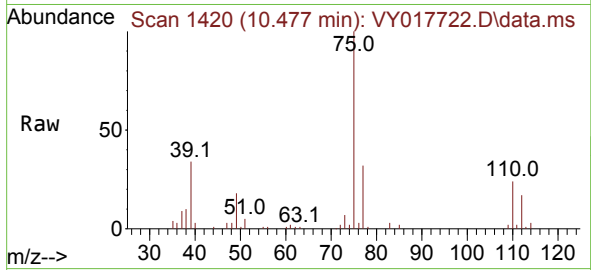




#53
 t-1,3-Dichloropropene
 Concen: 17.967 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017722.D
 Acq: 20 Mar 2024 10:40

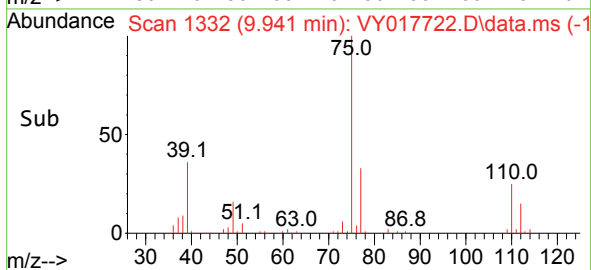
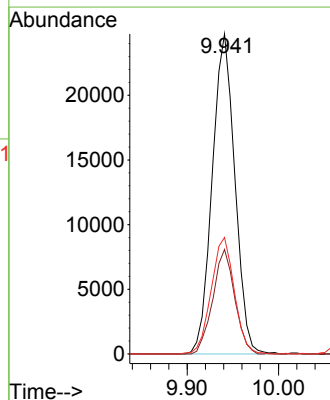
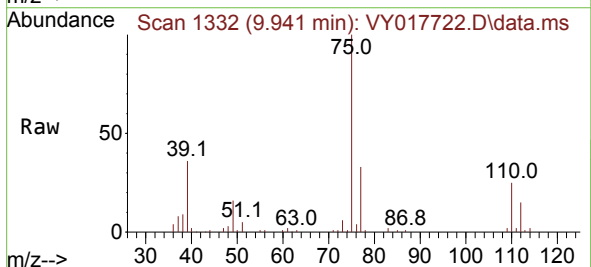
Instrument :
 MSVOA_Y
 ClientSampleId :

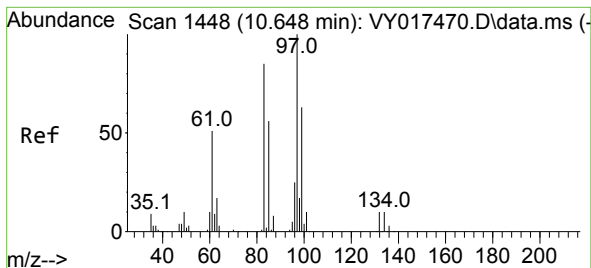
Tgt Ion: 75 Resp: 33650
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 18.685 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017722.D
 Acq: 20 Mar 2024 10:40

Tgt Ion: 75 Resp: 42521
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.4 38.0
 39 36.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 17.479 ug/l

RT: 10.654 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 20624

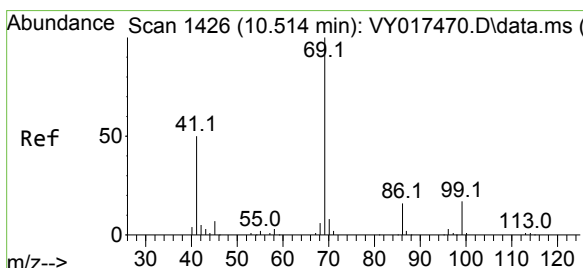
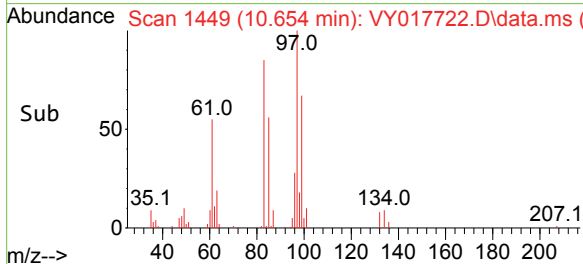
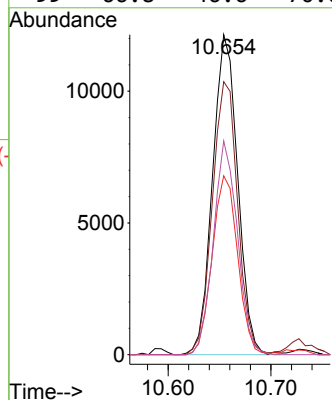
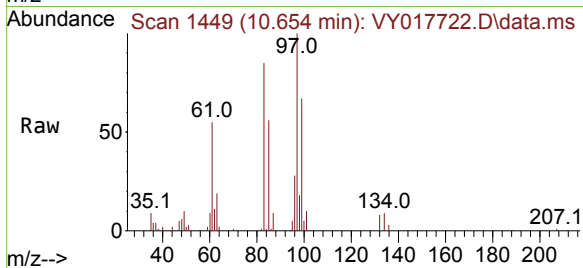
Ion Ratio Lower Upper

97 100

83 85.3 67.5 101.3

85 55.9 42.9 64.3

99 66.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 16.521 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

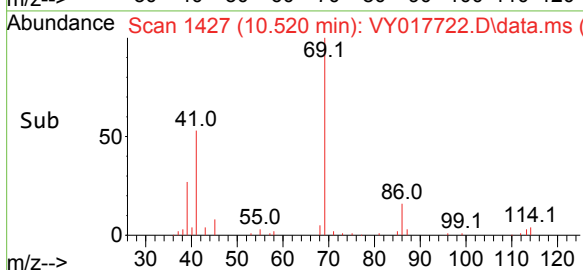
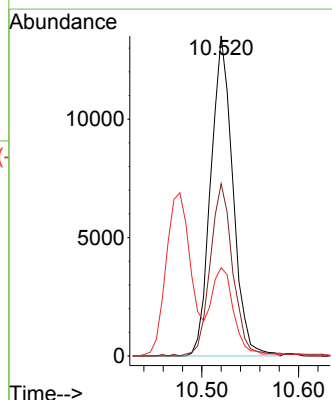
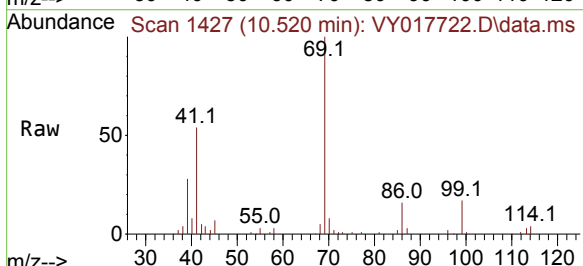
Tgt Ion: 69 Resp: 21384

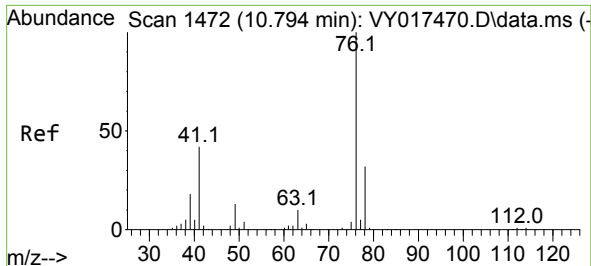
Ion Ratio Lower Upper

69 100

41 55.8 42.3 63.5

39 27.2 22.9 34.3





#57

1,3-Dichloropropane

Concen: 18.221 ug/l

RT: 10.800 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

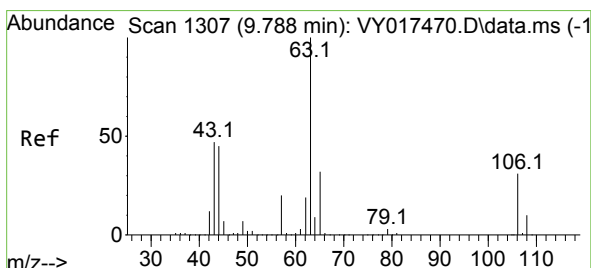
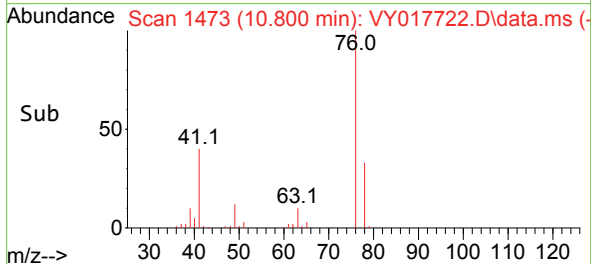
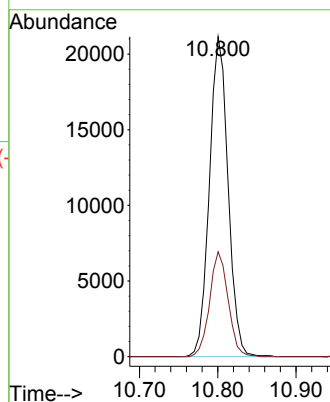
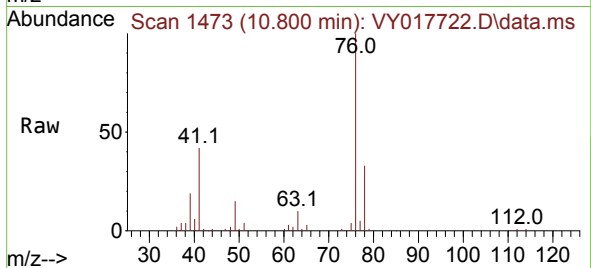
ClientSampleId :

Tgt Ion: 76 Resp: 34955

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 87.923 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017722.D

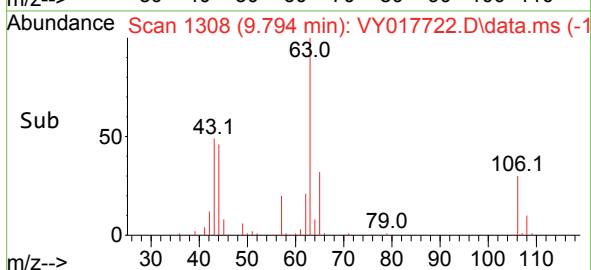
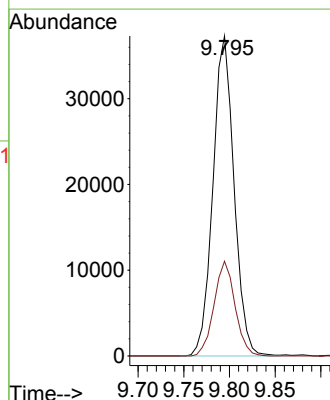
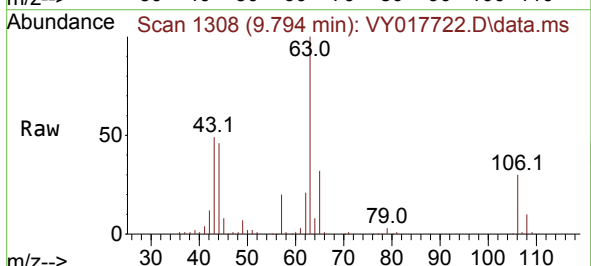
Acq: 20 Mar 2024 10:40

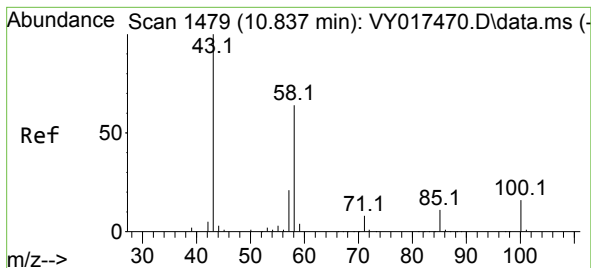
Tgt Ion: 63 Resp: 59864

Ion Ratio Lower Upper

63 100

106 29.4 23.7 35.5





#59

2-Hexanone

Concen: 82.176 ug/l

RT: 10.843 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

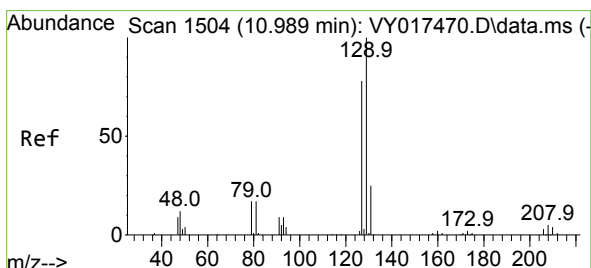
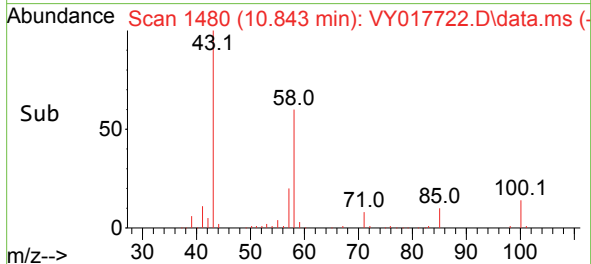
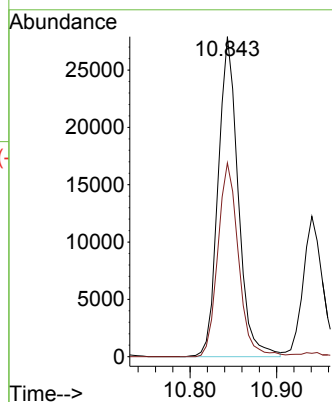
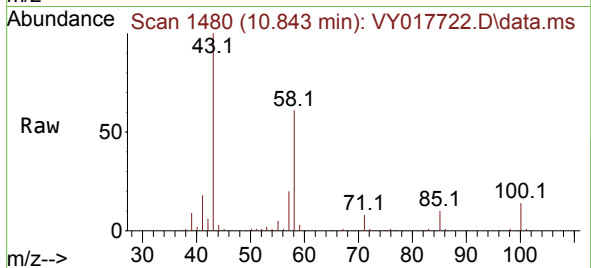
ClientSampleId :

Tgt Ion: 43 Resp: 44873

Ion Ratio Lower Upper

43 100

58 62.3 31.4 94.0



#60

Dibromochloromethane

Concen: 17.833 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.006 min

Lab File: VY017722.D

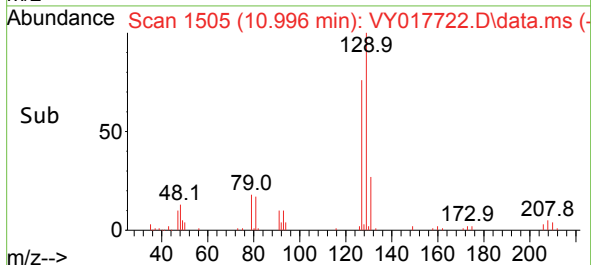
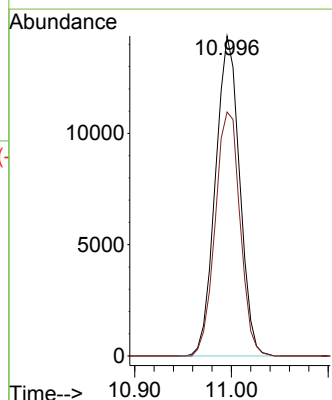
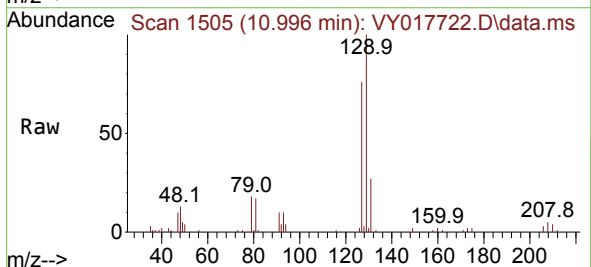
Acq: 20 Mar 2024 10:40

Tgt Ion:129 Resp: 24892

Ion Ratio Lower Upper

129 100

127 78.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 17.119 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

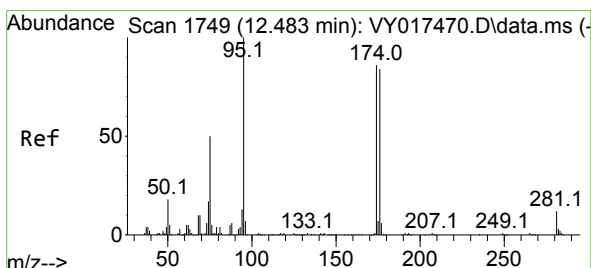
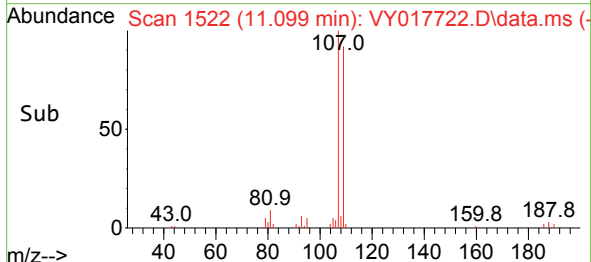
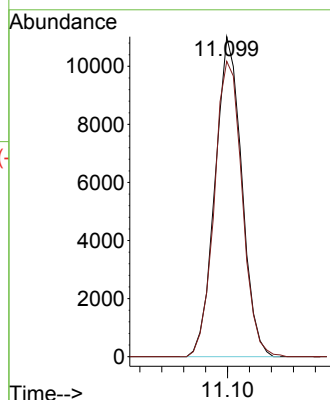
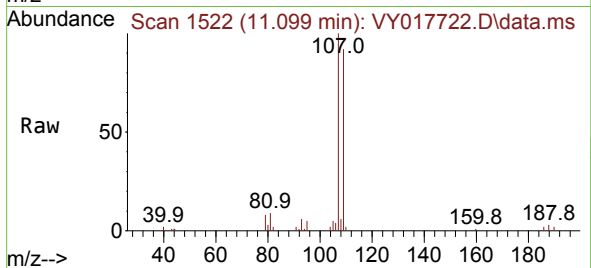
ClientSampleId :

Tgt Ion:107 Resp: 18614

Ion Ratio Lower Upper

107 100

109 96.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 43.361 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

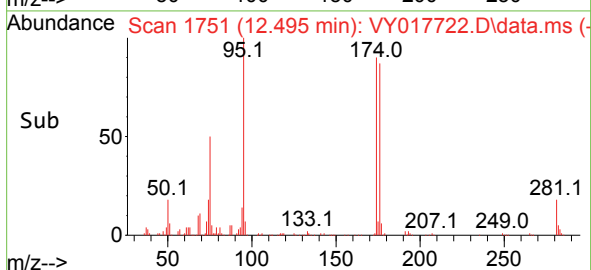
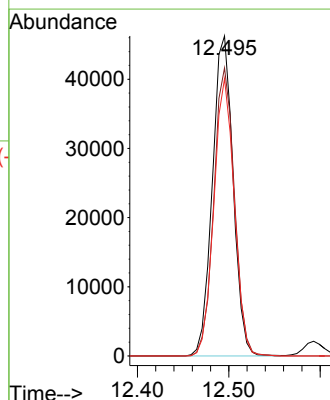
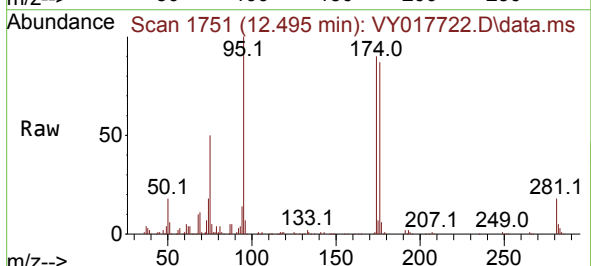
Tgt Ion: 95 Resp: 72577

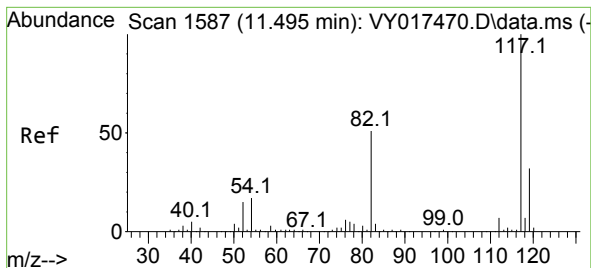
Ion Ratio Lower Upper

95 100

174 89.8 0.0 175.6

176 85.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

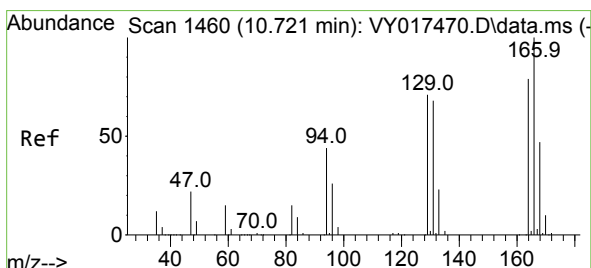
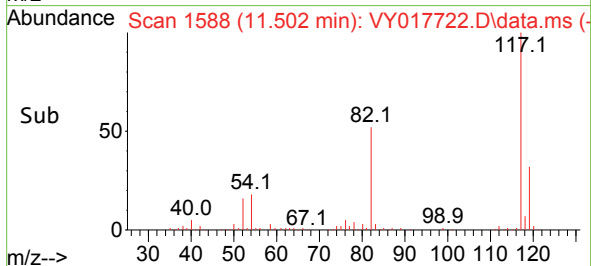
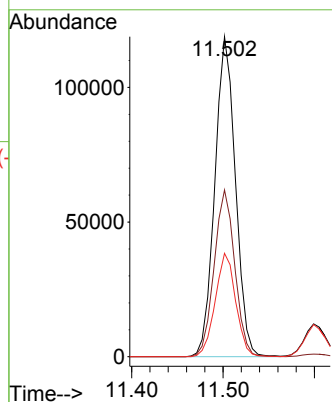
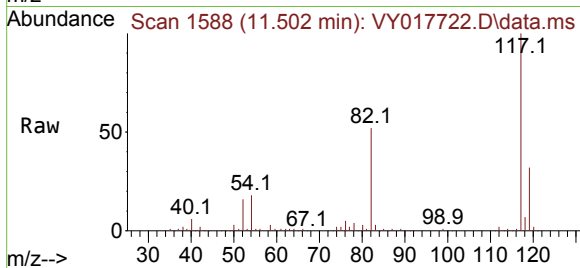
Tgt Ion:117 Resp: 186450

Ion Ratio Lower Upper

117 100

82 52.1 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 18.492 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Tgt Ion:164 Resp: 33093

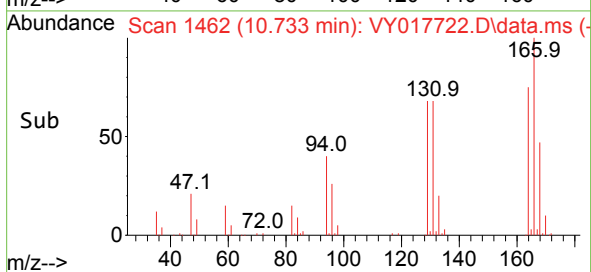
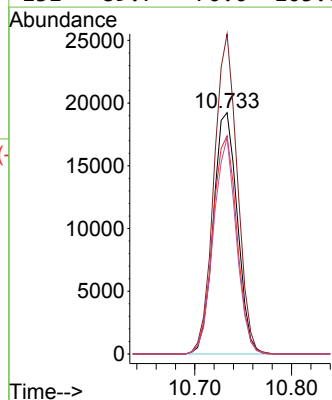
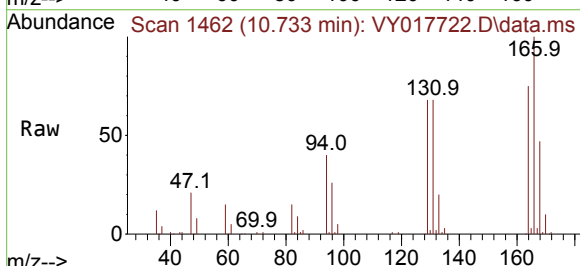
Ion Ratio Lower Upper

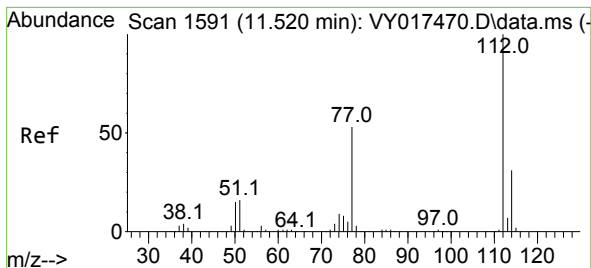
164 100

166 132.6 102.6 154.0

129 90.4 72.0 108.0

131 89.7 70.0 105.0





#65

Chlorobenzene

Concen: 19.318 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

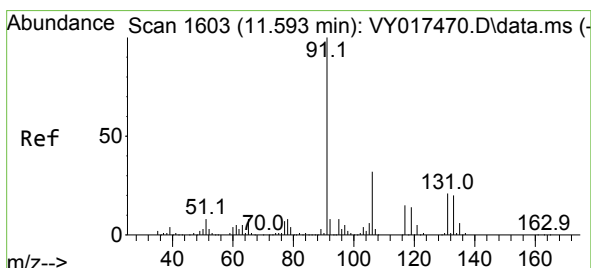
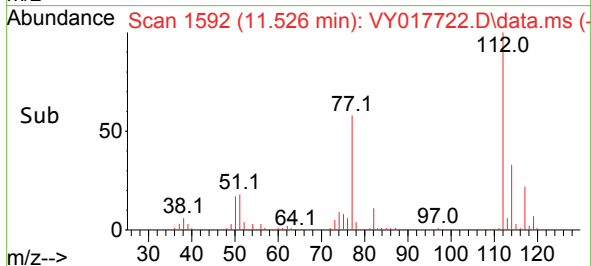
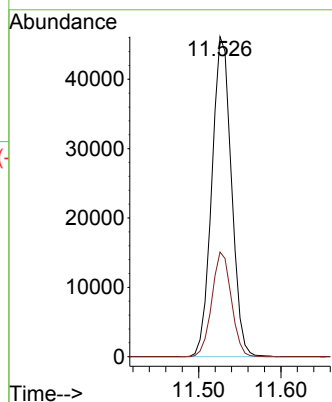
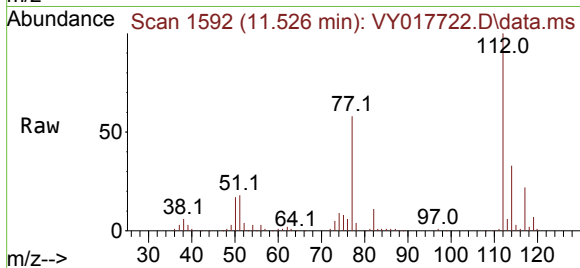
ClientSampleId :

Tgt Ion:112 Resp: 76451

Ion Ratio Lower Upper

112 100

114 32.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.351 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

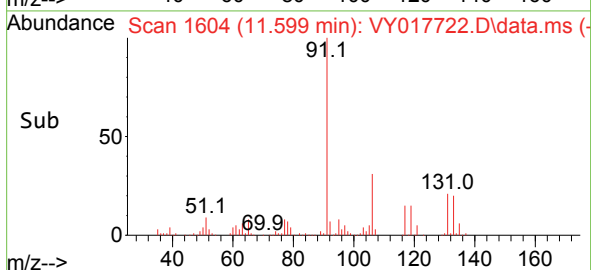
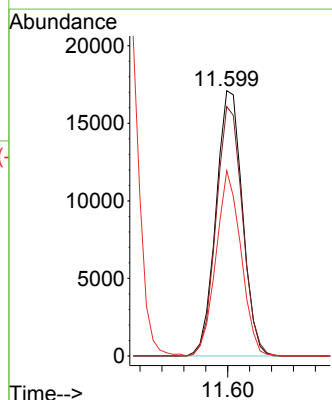
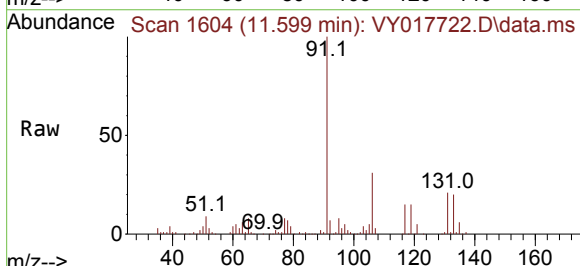
Tgt Ion:131 Resp: 28690

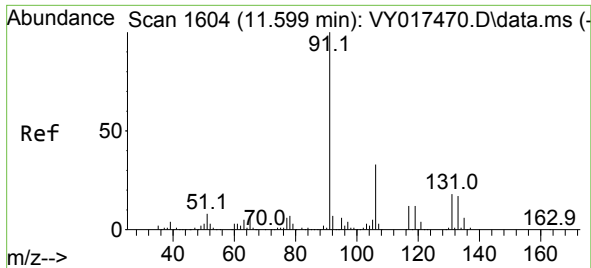
Ion Ratio Lower Upper

131 100

133 93.8 47.8 143.3

119 66.0 34.1 102.2

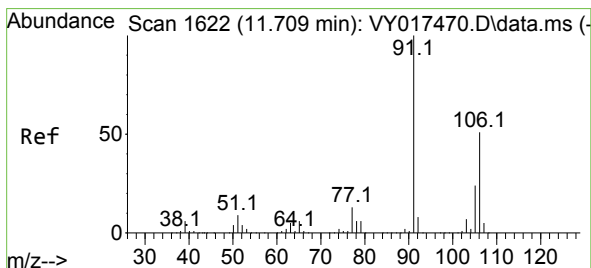
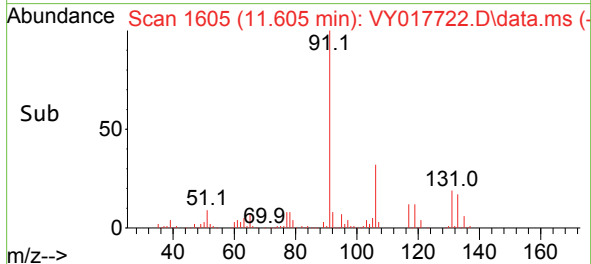
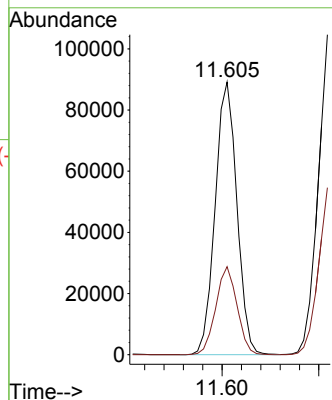
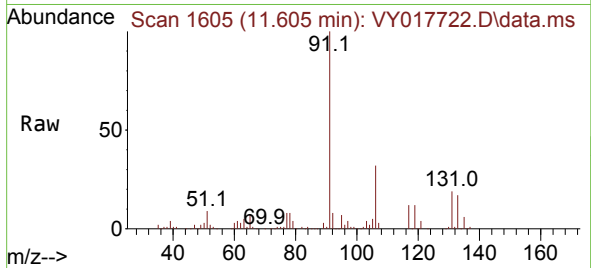




#67
Ethyl Benzene
Concen: 20.004 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

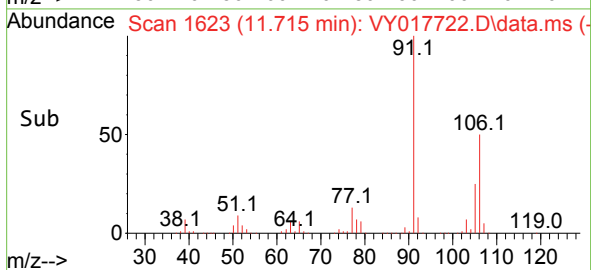
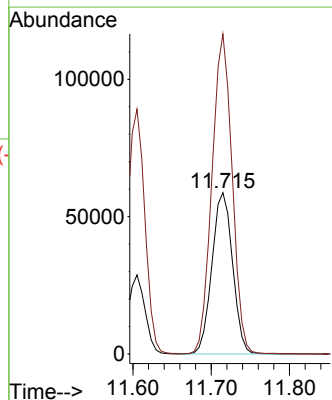
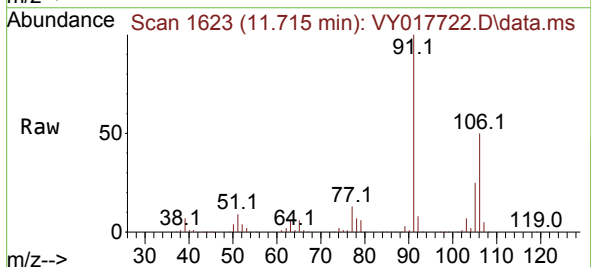
Instrument :
MSVOA_Y
ClientSampleId :

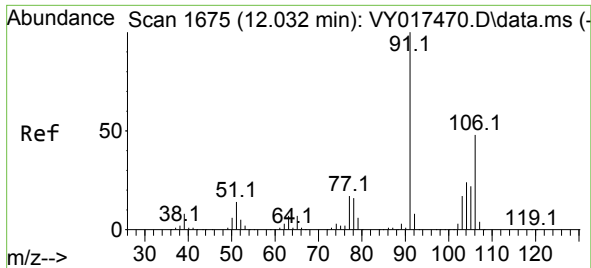
Tgt Ion: 91 Resp: 138841
Ion Ratio Lower Upper
91 100
106 32.3 24.5 36.7



#68
m/p-Xylenes
Concen: 39.439 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion:106 Resp: 107560
Ion Ratio Lower Upper
106 100
91 194.2 156.0 234.0

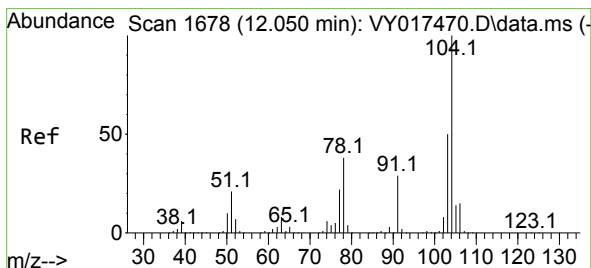
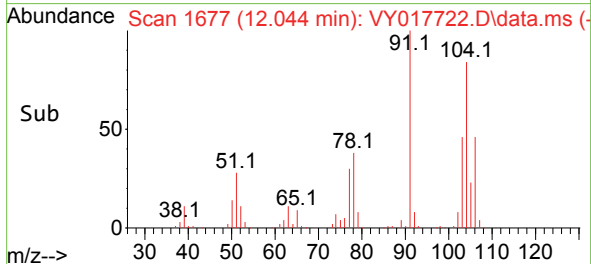
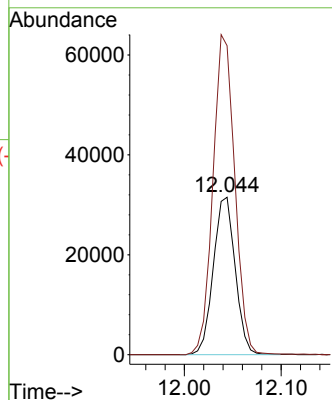
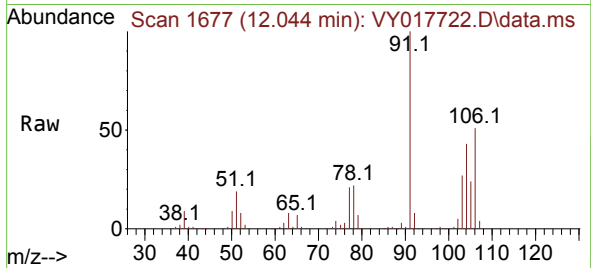




#69
o-Xylene
Concen: 19.585 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

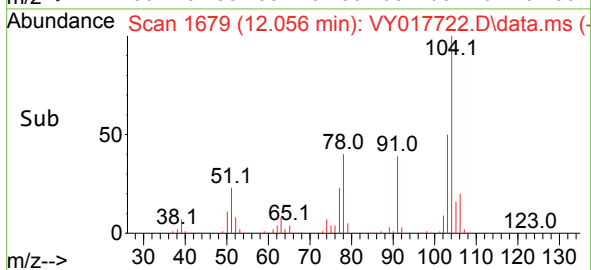
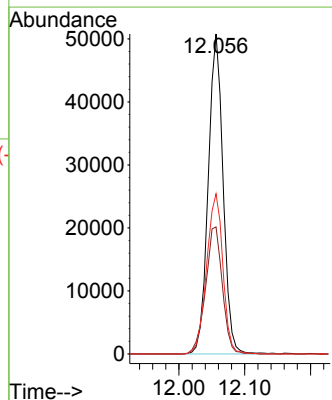
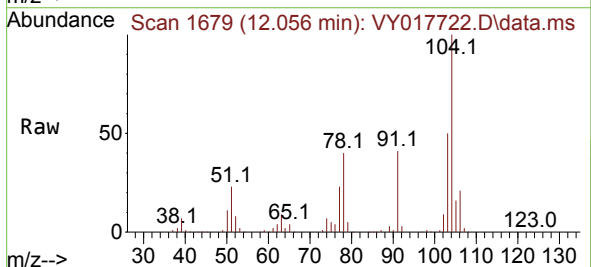
Instrument :
MSVOA_Y
ClientSampleId :

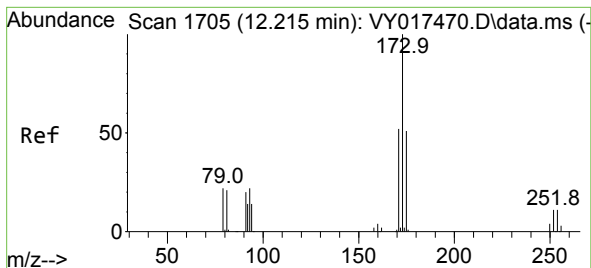
Tgt Ion:106 Resp: 49553
Ion Ratio Lower Upper
106 100
91 203.3 103.6 310.8



#70
Styrene
Concen: 19.021 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion:104 Resp: 79885
Ion Ratio Lower Upper
104 100
78 44.8 37.0 55.4
103 54.8 44.2 66.2





#71

Bromoform

Concen: 17.002 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

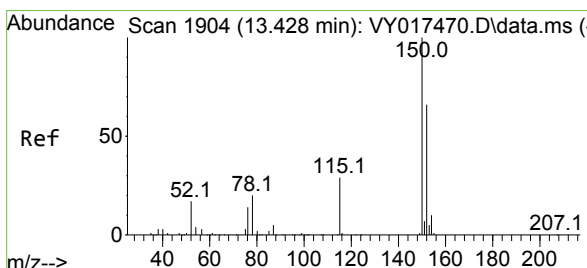
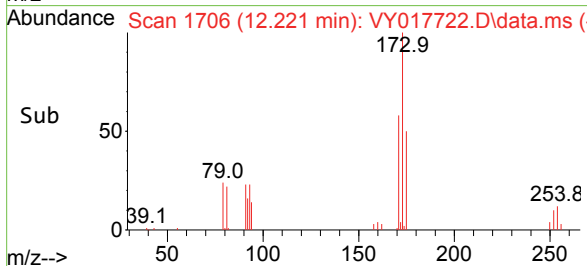
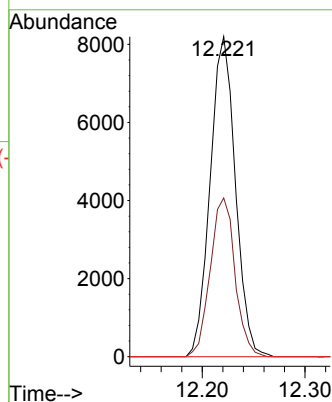
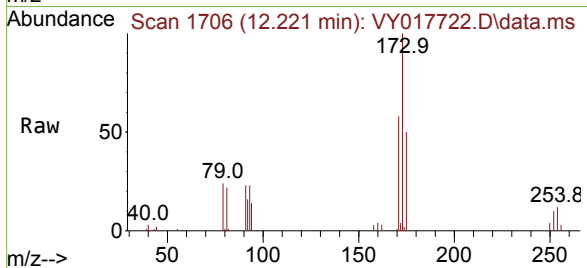
Tgt Ion:173 Resp: 13969

Ion Ratio Lower Upper

173 100

175 48.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

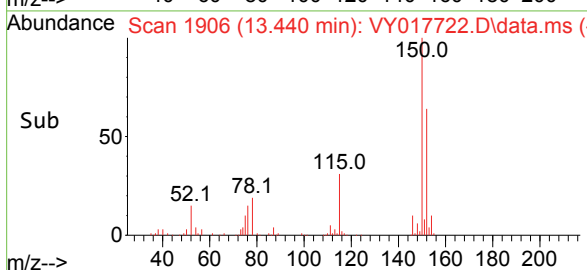
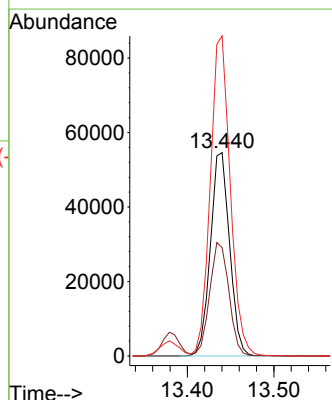
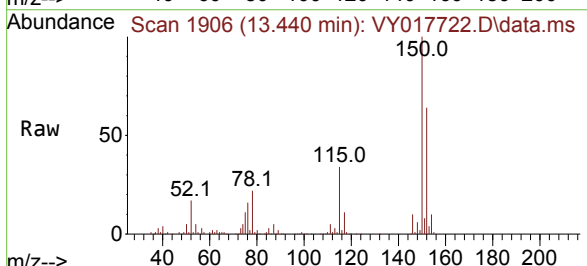
Tgt Ion:152 Resp: 84144

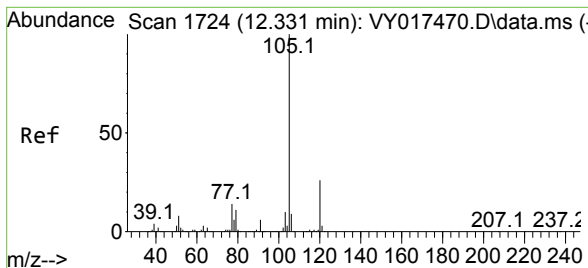
Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 163.5 0.0 345.6





#73

Isopropylbenzene

Concen: 20.823 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

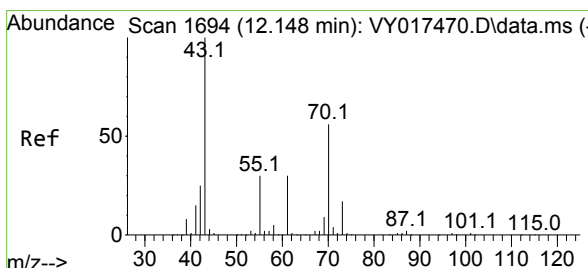
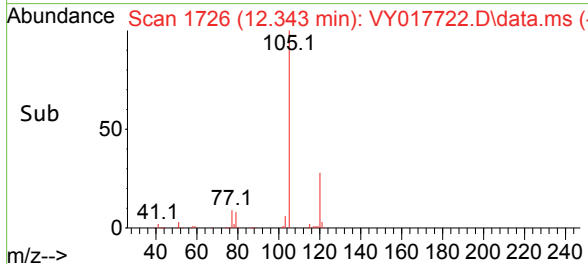
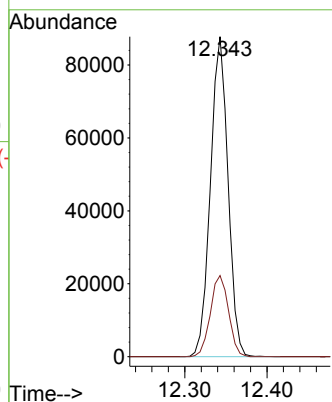
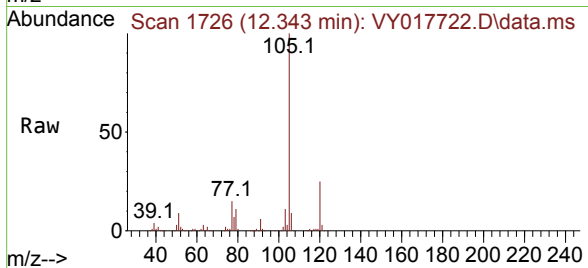
ClientSampleId :

Tgt Ion:105 Resp: 130172

Ion Ratio Lower Upper

105 100

120 26.2 13.4 40.1



#74

N-ethyl acetate

Concen: 17.579 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Tgt Ion: 43 Resp: 19382

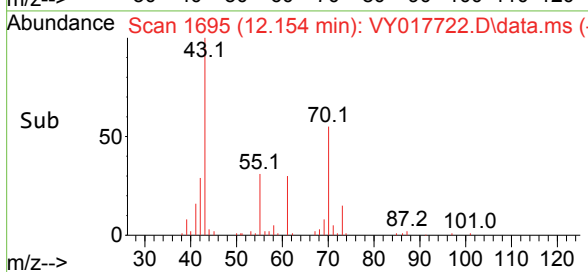
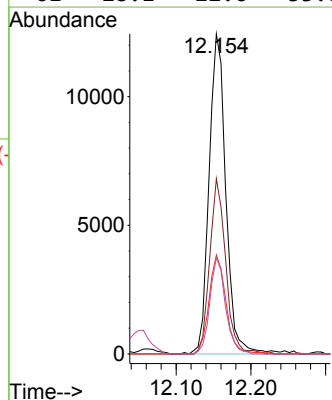
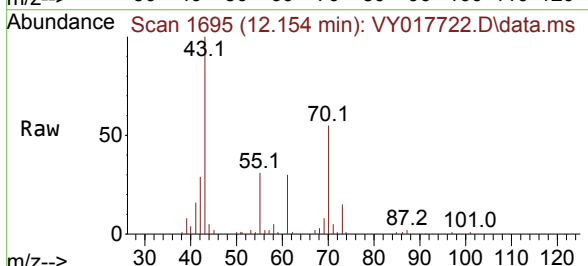
Ion Ratio Lower Upper

43 100

70 52.1 41.4 62.2

55 31.5 23.3 34.9

61 28.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.298 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

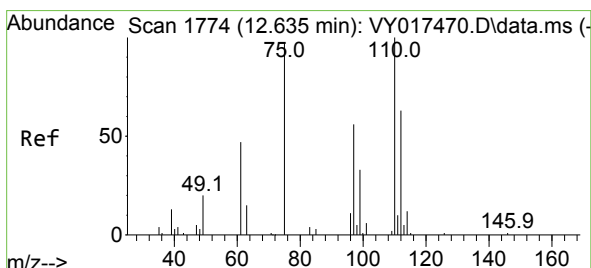
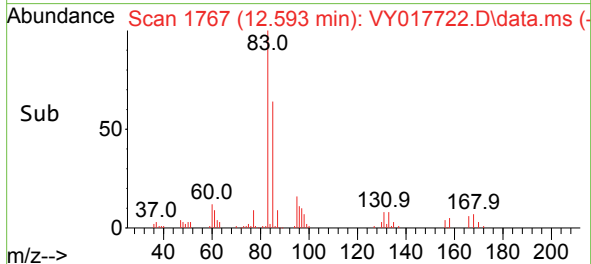
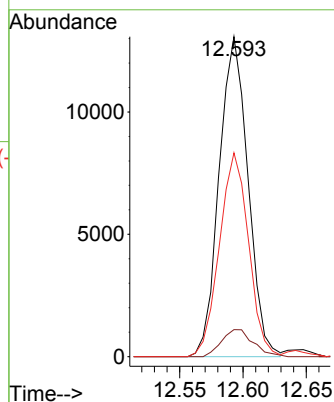
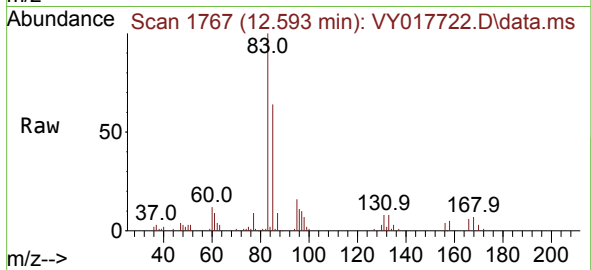
Tgt Ion: 83 Resp: 20716

Ion Ratio Lower Upper

83 100

131 9.3 5.0 14.9

85 64.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 33.258 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017722.D

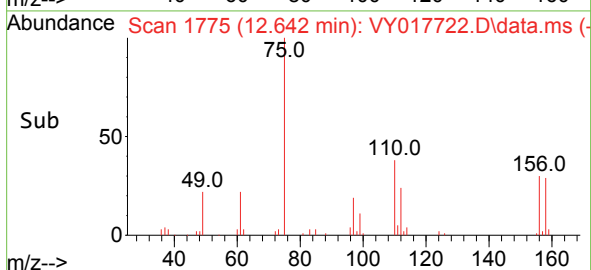
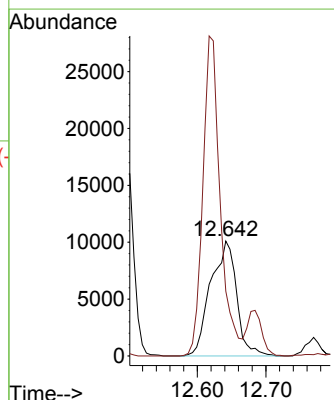
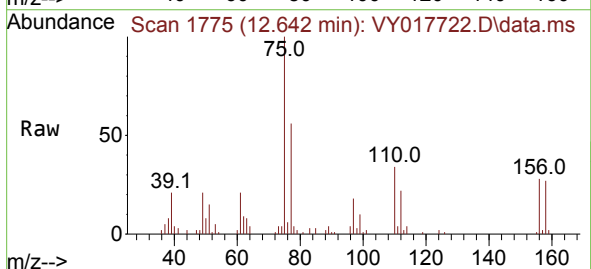
Acq: 20 Mar 2024 10:40

Tgt Ion: 75 Resp: 26590

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.486 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

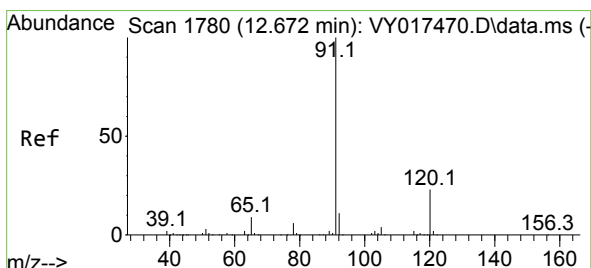
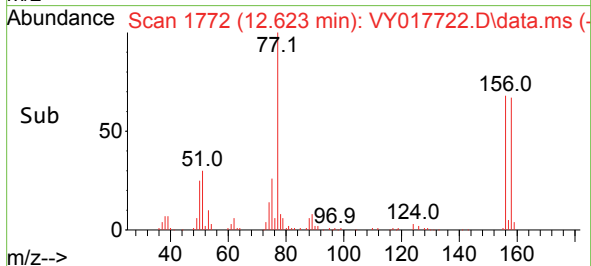
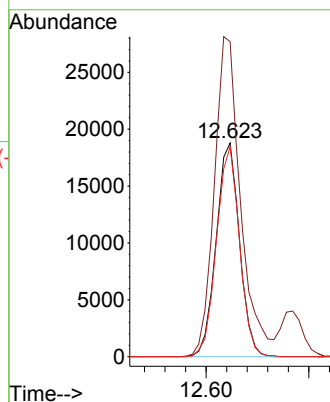
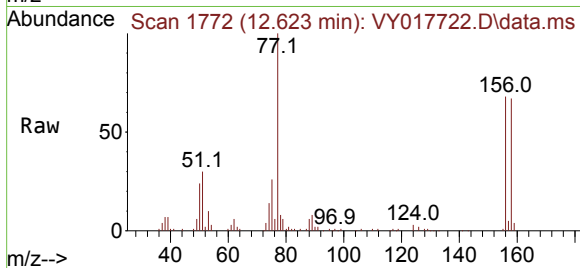
Tgt Ion:156 Resp: 29500

Ion Ratio Lower Upper

156 100

77 169.2 87.1 261.3

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 21.514 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY017722.D

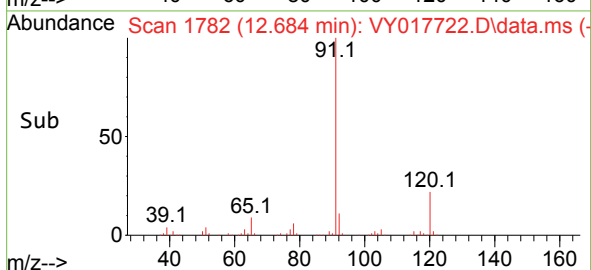
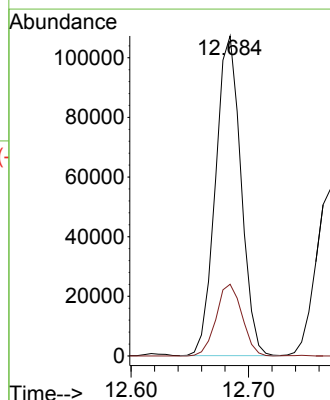
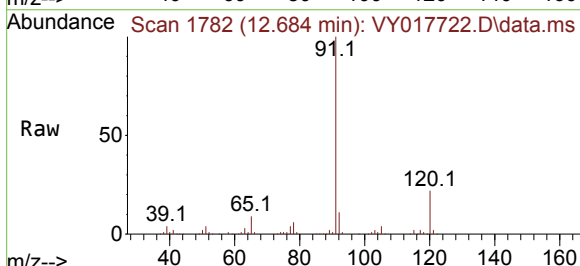
Acq: 20 Mar 2024 10:40

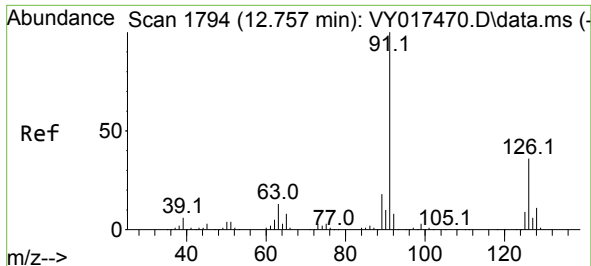
Tgt Ion: 91 Resp: 161375

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.813 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

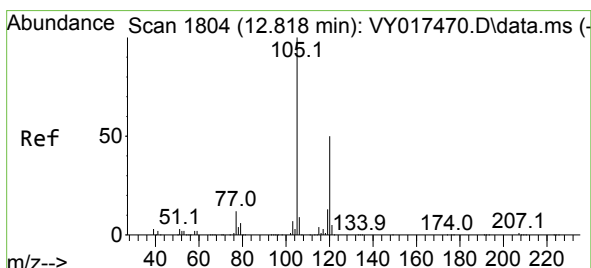
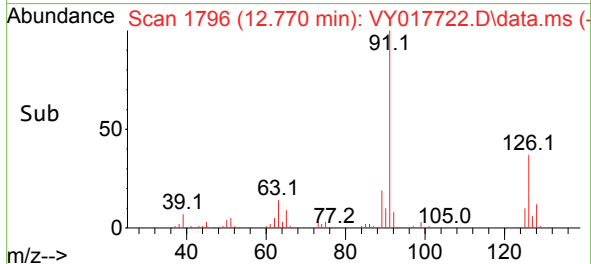
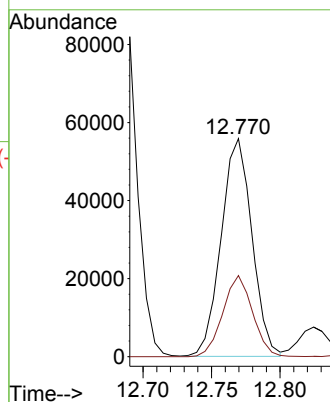
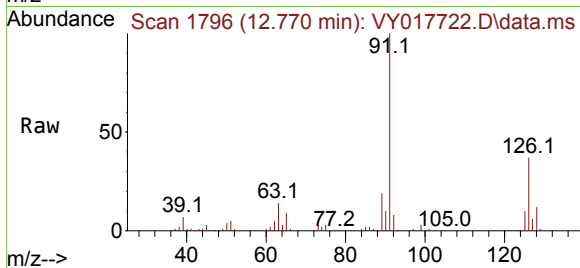
ClientSampleId :

Tgt Ion: 91 Resp: 87406

Ion Ratio Lower Upper

91 100

126 35.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.917 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017722.D

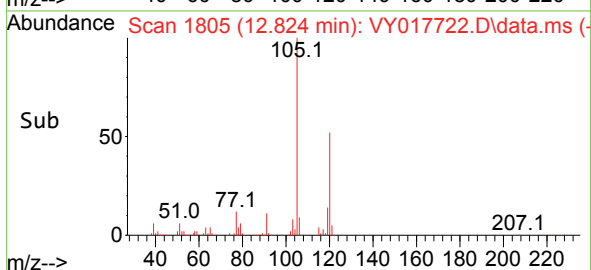
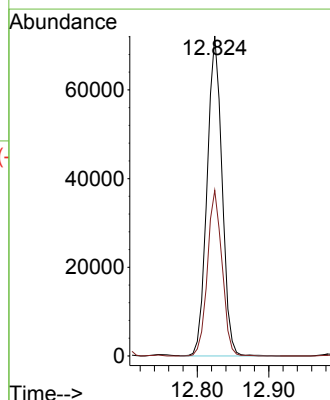
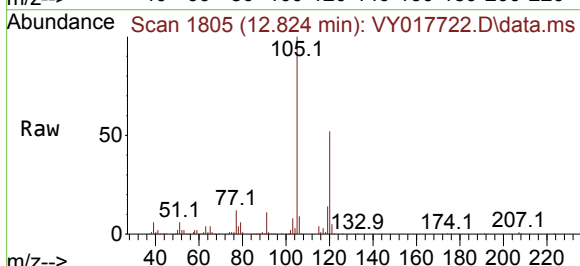
Acq: 20 Mar 2024 10:40

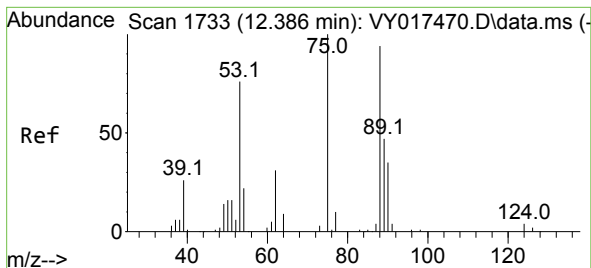
Tgt Ion:105 Resp: 104759

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.2

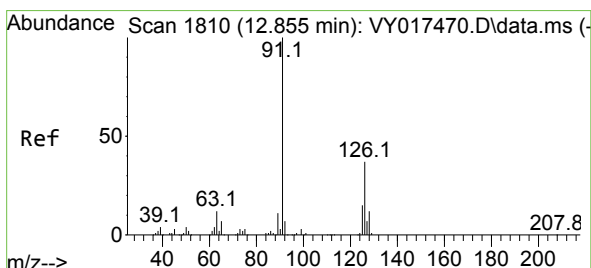
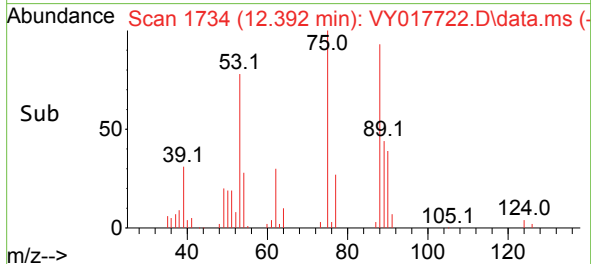
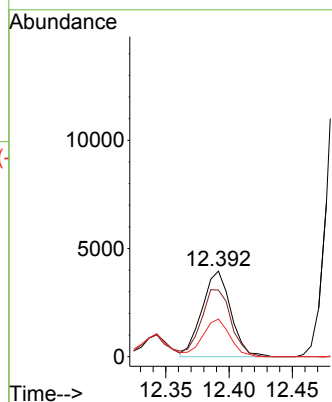
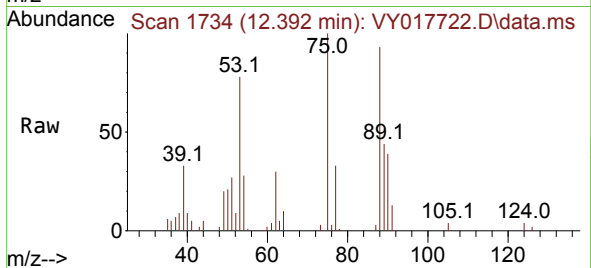




#81
trans-1,4-Dichloro-2-butene
Concen: 17.983 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

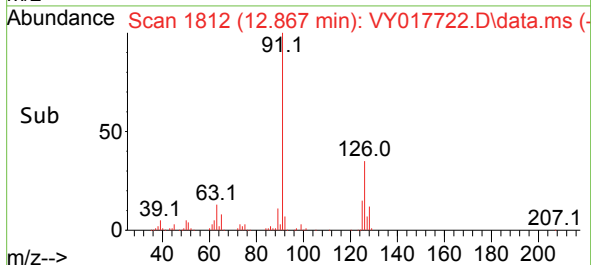
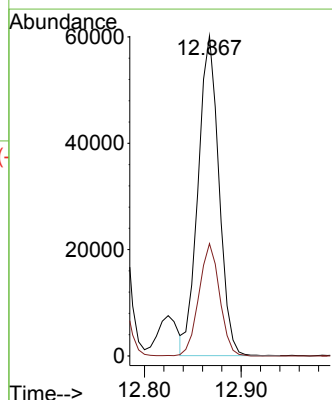
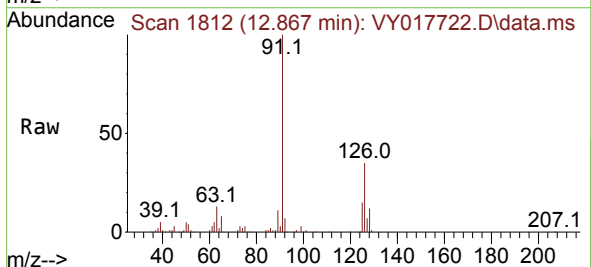
Instrument :
MSVOA_Y
ClientSampleId :

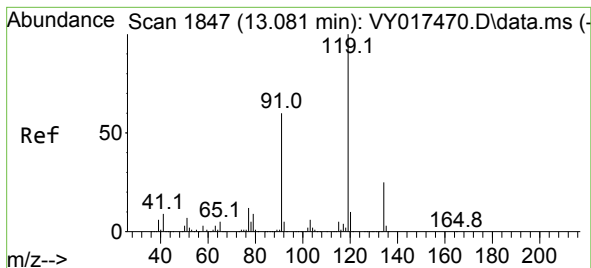
Tgt Ion: 75 Resp: 6257
Ion Ratio Lower Upper
75 100
53 81.4 66.8 100.2
89 41.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.928 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017722.D
Acq: 20 Mar 2024 10:40

Tgt Ion: 91 Resp: 89896
Ion Ratio Lower Upper
91 100
126 35.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.788 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

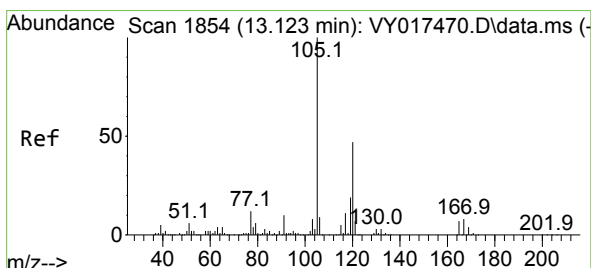
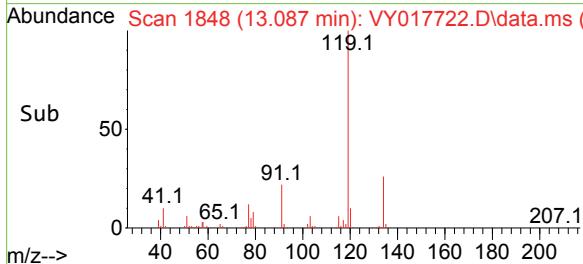
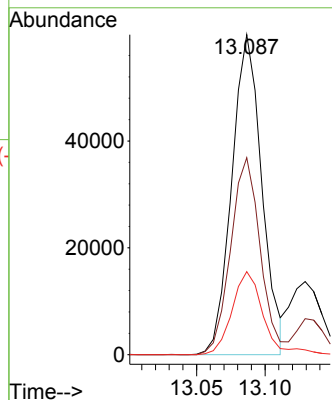
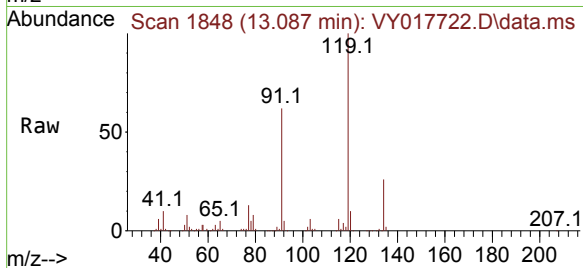
Tgt Ion:119 Resp: 91425

Ion Ratio Lower Upper

119 100

91 61.3 31.3 93.8

134 27.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.516 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.012 min

Lab File: VY017722.D

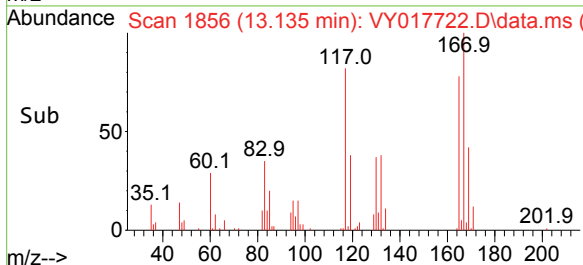
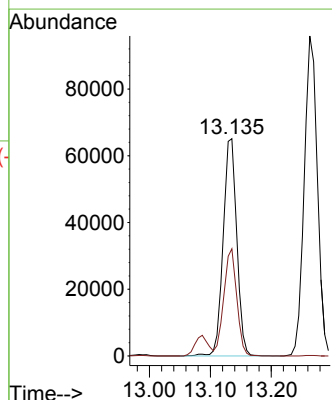
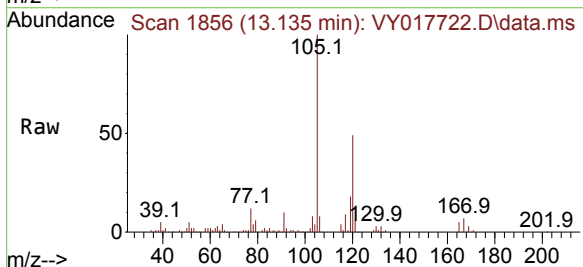
Acq: 20 Mar 2024 10:40

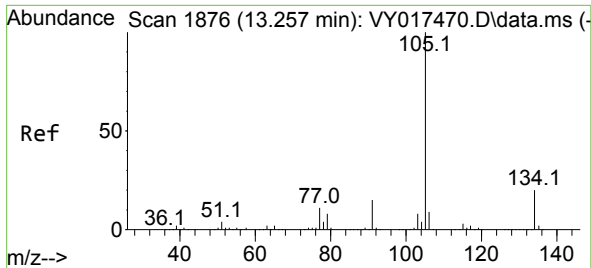
Tgt Ion:105 Resp: 101440

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6

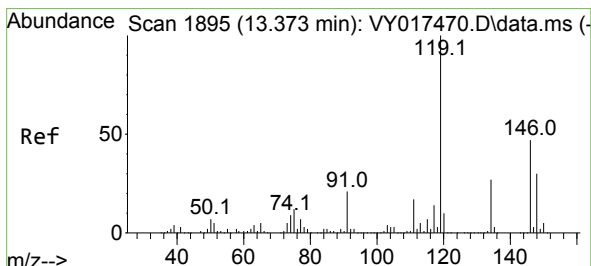
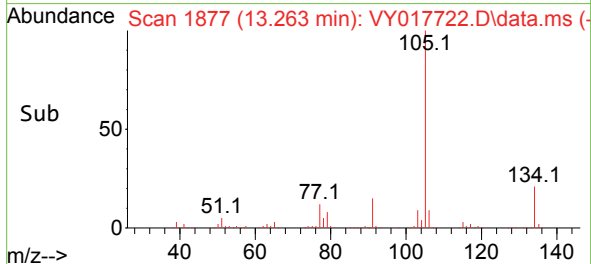
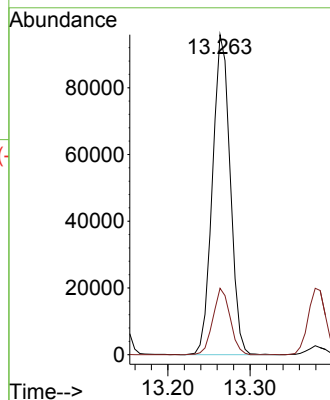
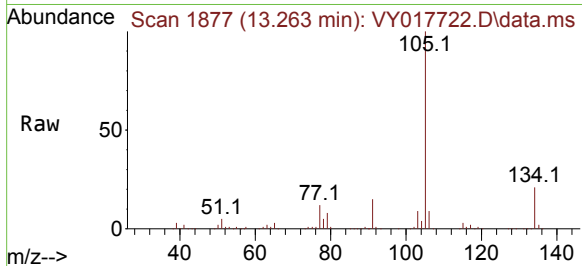




#85
 sec-Butylbenzene
 Concen: 21.347 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY017722.D
 Acq: 20 Mar 2024 10:40

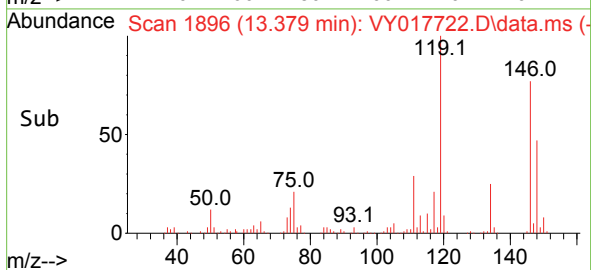
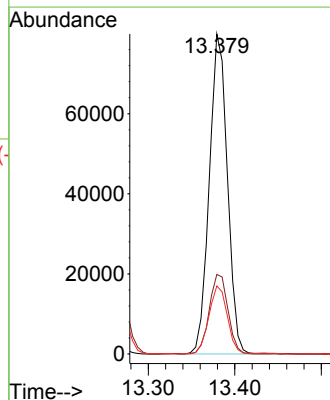
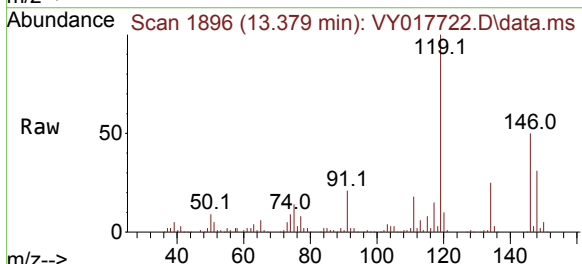
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:105 Resp: 143537
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.061 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.006 min
 Lab File: VY017722.D
 Acq: 20 Mar 2024 10:40

Tgt Ion:119 Resp: 115925
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.1 39.3
 91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.621 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

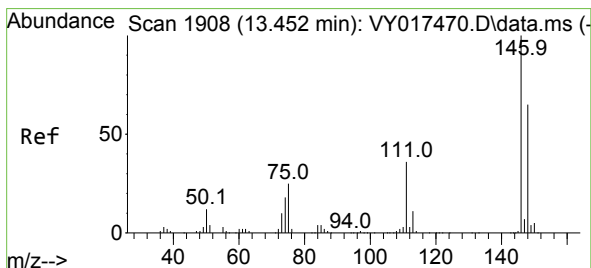
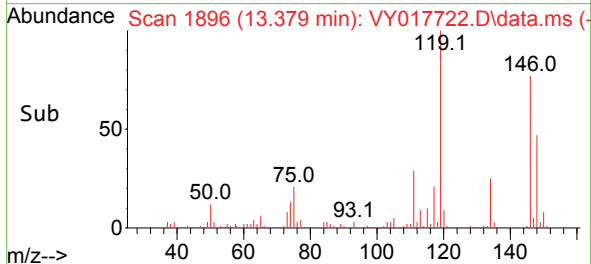
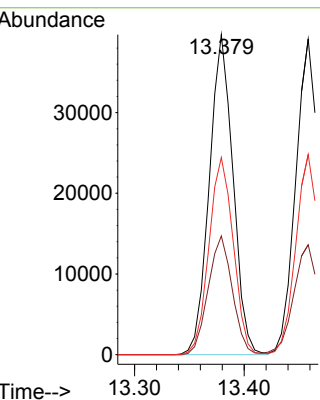
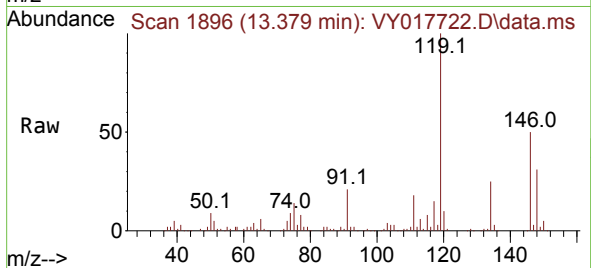
Tgt Ion:146 Resp: 59622

Ion Ratio Lower Upper

146 100

111 37.7 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.842 ug/l

RT: 13.458 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

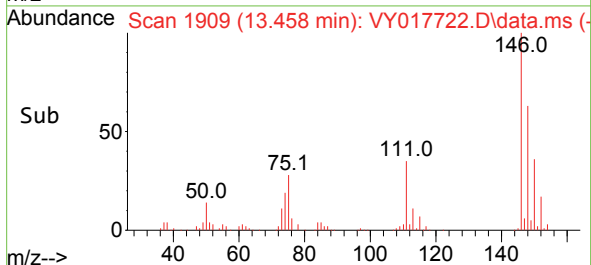
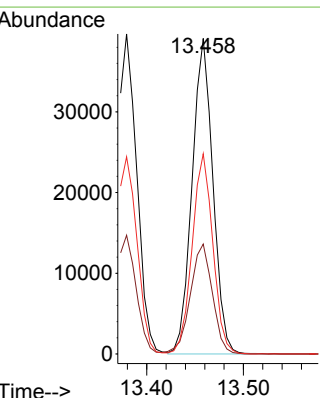
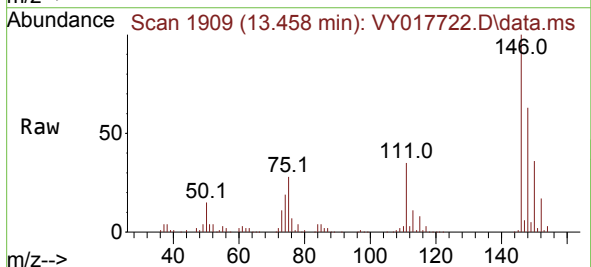
Tgt Ion:146 Resp: 58617

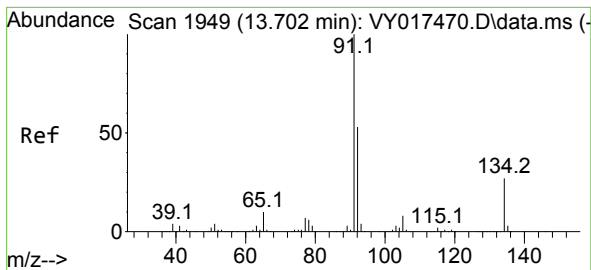
Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.4

148 63.1 32.4 97.2





#89

n-Butylbenzene

Concen: 21.185 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

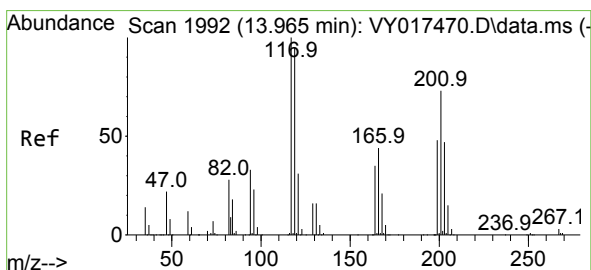
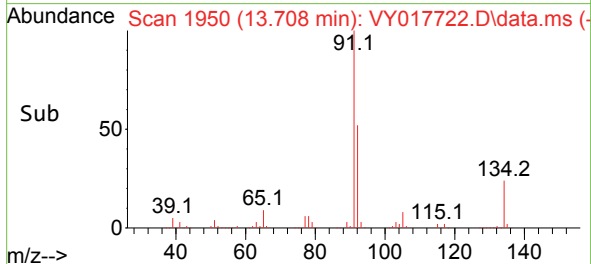
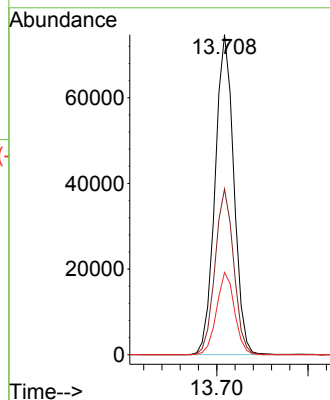
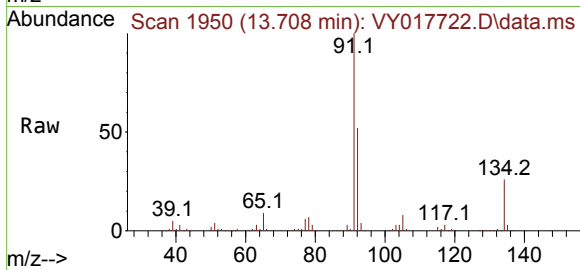
Tgt Ion: 91 Resp: 106387

Ion Ratio Lower Upper

91 100

92 51.7 26.6 79.7

134 24.8 12.9 38.7



#90

Hexachloroethane

Concen: 20.996 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.006 min

Lab File: VY017722.D

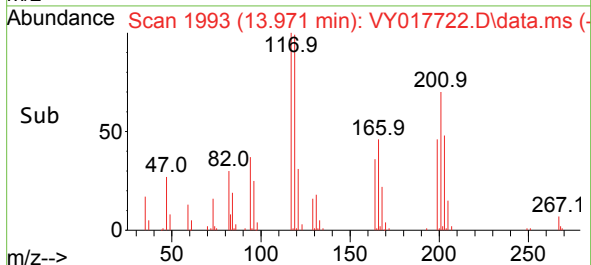
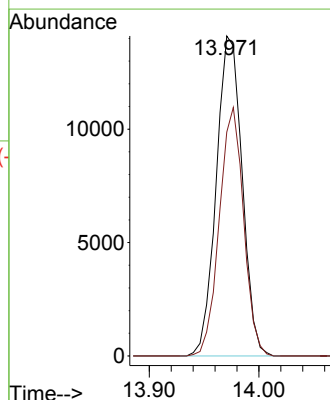
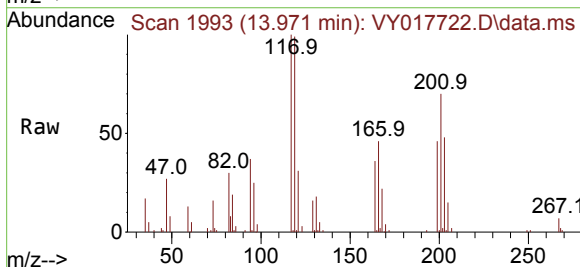
Acq: 20 Mar 2024 10:40

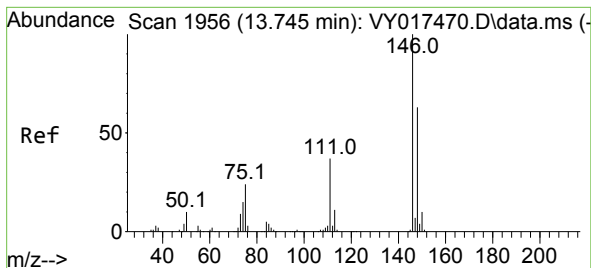
Tgt Ion: 117 Resp: 23169

Ion Ratio Lower Upper

117 100

201 72.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.207 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

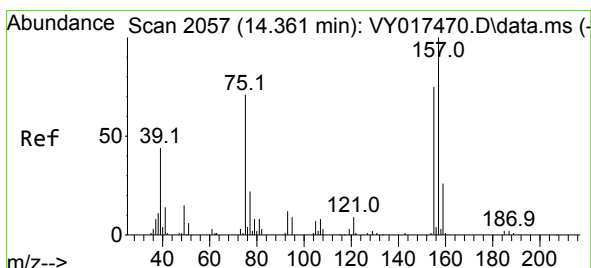
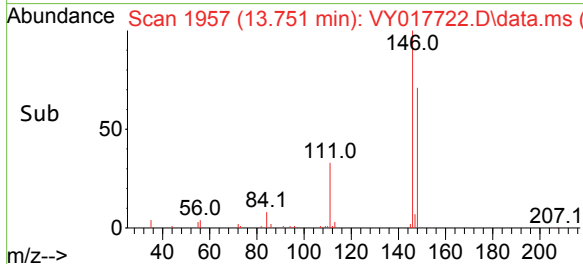
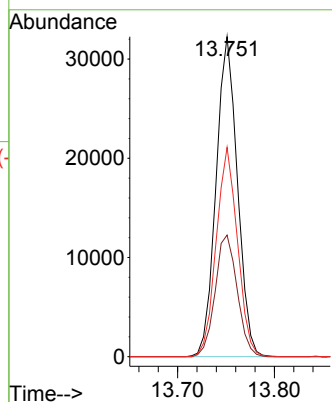
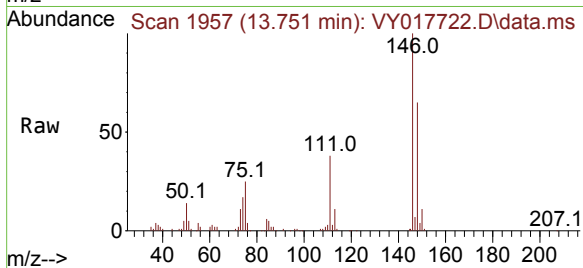
Tgt Ion:146 Resp: 49368

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.7

148 65.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.420 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

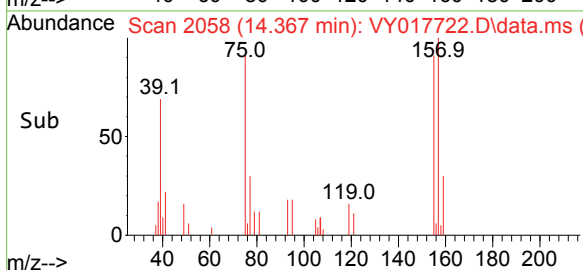
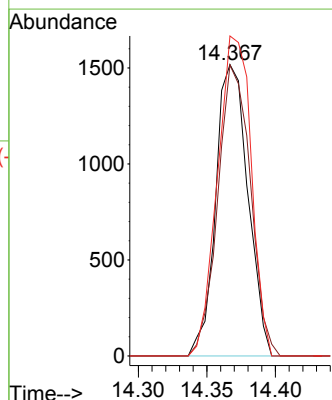
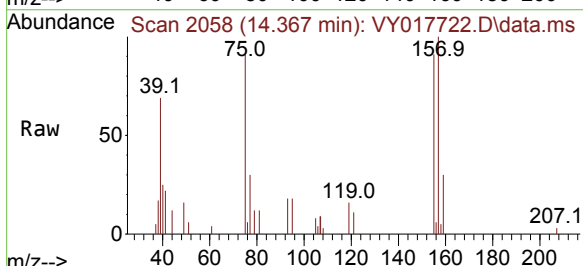
Tgt Ion: 75 Resp: 2478

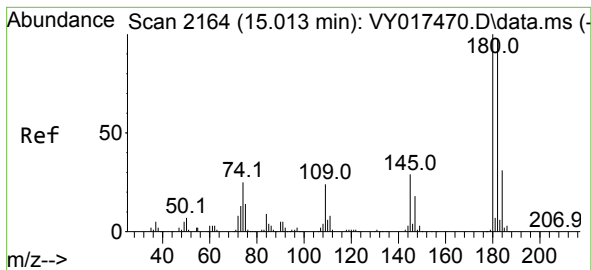
Ion Ratio Lower Upper

75 100

155 101.2 48.6 145.8

157 114.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.712 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

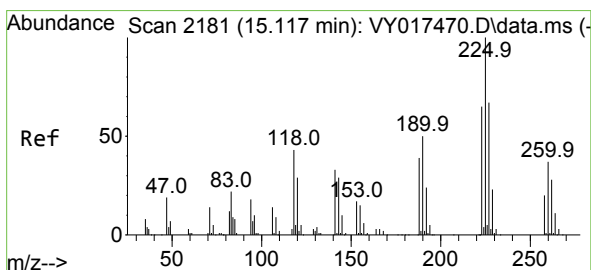
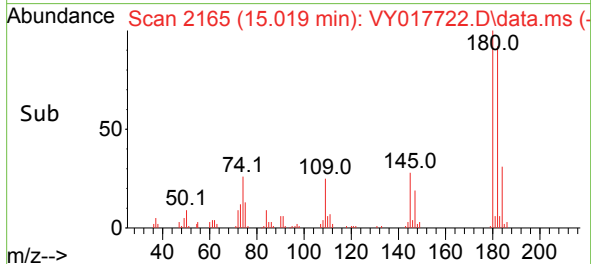
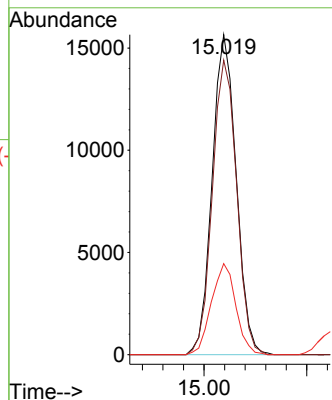
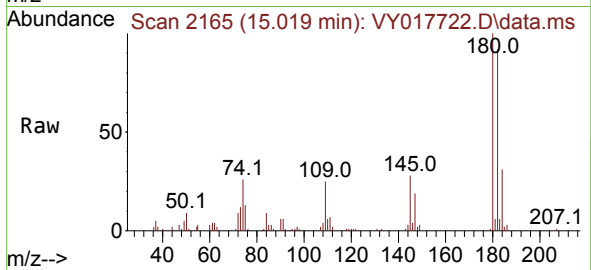
Tgt Ion:180 Resp: 25404

Ion Ratio Lower Upper

180 100

182 92.9 47.9 143.8

145 28.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.542 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

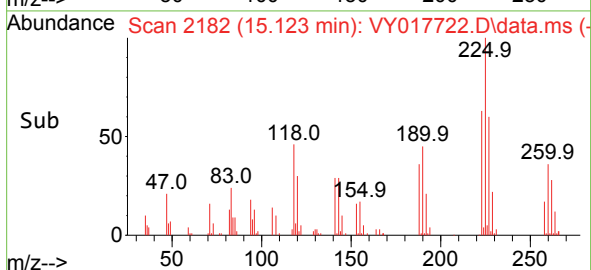
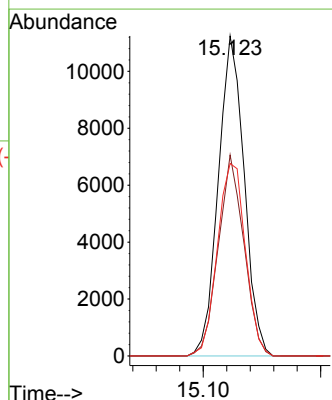
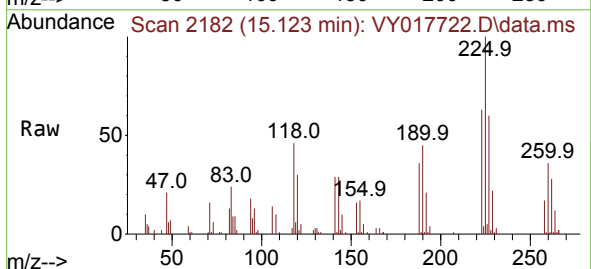
Tgt Ion:225 Resp: 17219

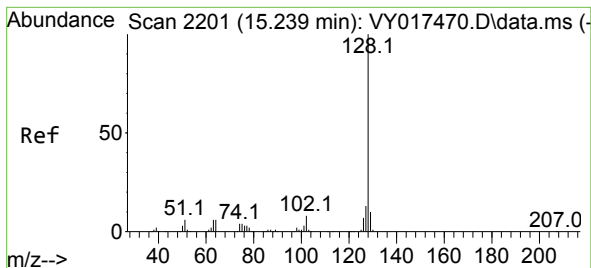
Ion Ratio Lower Upper

225 100

223 62.1 30.4 91.2

227 65.2 31.9 95.9





#95

Naphthalene

Concen: 16.920 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.012 min

Lab File: VY017722.D

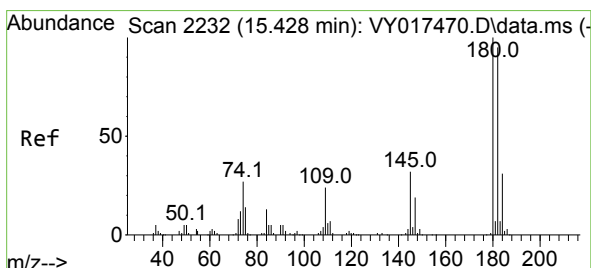
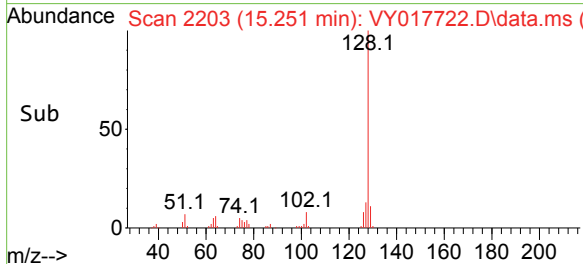
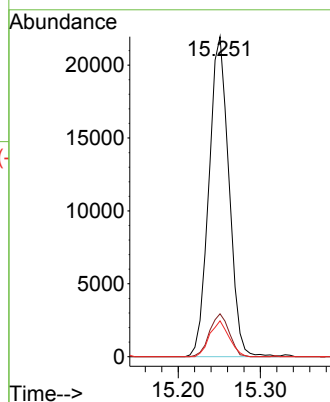
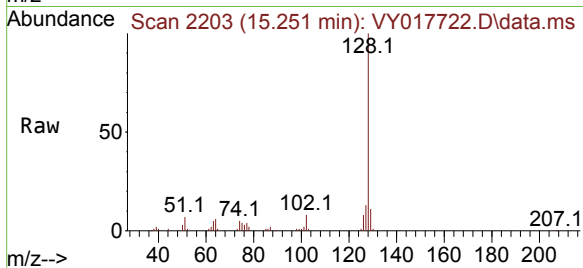
Acq: 20 Mar 2024 10:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	37119
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.6 16.0
129	10.9	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.273 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY017722.D

Acq: 20 Mar 2024 10:40

Tgt Ion:180	Resp:	21282
Ion Ratio	Lower	Upper
180	100	
182	92.1	47.6 142.9
145	29.3	15.4 46.1

