

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
 Data File : VY017796.D
 Acq On : 29 Mar 2024 17:22
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Mar 30 05:47:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:41:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	84	50.000	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.685	114	681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1349	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	941	1294.569	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 2589.140%#			
35) Dibromofluoromethane	7.716	113	618	157.047	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 314.100%#			
50) Toluene-d8	10.179	98	1543	104.970	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 209.940%#			
62) 4-Bromofluorobenzene	12.483	95	15289	3418.619	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 6837.240%#			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	1610	1468.419	ug/l #	88
4) Vinyl Chloride	2.241	62	634	442.465	ug/l #	84
5) Bromomethane	2.656	94	4338	3744.280	ug/l	96
6) Chloroethane	2.790	64	164	175.422	ug/l #	42
7) Trichlorofluoromethane	3.107	101	100	71.564	ug/l #	20
10) Methyl Iodide	4.095	142	3061	3358.900	ug/l	94
11) Tert butyl alcohol	4.911	59	6760	14230.746	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	85	108.395	ug/l #	36
13) Acrolein	3.729	56	318	6244.422	ug/l #	72
14) Allyl chloride	4.479	41	143	148.643	ug/l #	22
15) Acrylonitrile	5.161	53	710	4097.813	ug/l #	83
16) Acetone	3.936	43	865	5756.984	ug/l #	81
17) Carbon Disulfide	4.192	76	1126	507.399	ug/l #	76
18) Methyl Acetate	4.466	43	253	760.209	ug/l #	46
19) Methyl tert-butyl Ether	5.204	73	21	11.696	ug/l #	54
20) Methylene Chloride	4.716	84	3355	3845.397	ug/l	88
21) trans-1,2-Dichloroethene	5.204	96	212	252.640	ug/l #	31
22) Diisopropyl ether	6.112	45	79	35.528	ug/l #	11
23) Vinyl Acetate	6.064	43	1500	1104.877	ug/l #	67
24) 1,1-Dichloroethane	6.003	63	118	79.955	ug/l #	80
25) 2-Butanone	6.990	43	1329	6208.973	ug/l #	41
26) 2,2-Dichloropropane	6.978	77	1245	976.701	ug/l #	51
27) cis-1,2-Dichloroethene	6.984	96	223	224.862	ug/l #	1
28) Bromochloromethane	7.313	49	204	339.905	ug/l #	6
29) Tetrahydrofuran	7.350	42	211	1642.872	ug/l #	43
30) Chloroform	7.490	83	306	199.835	ug/l #	17
31) Cyclohexane	7.783	56	100	78.094	ug/l #	11
32) 1,1,1-Trichloroethane	7.691	97	20	15.346	ug/l #	25
36) 1,1-Dichloropropene	7.911	75	179	31.176	ug/l #	40
37) Ethyl Acetate	7.076	43	232	93.632	ug/l #	67
39) Methylcyclohexane	9.179	83	139	19.381	ug/l #	29
40) Benzene	8.161	78	1057	59.736	ug/l #	82
41) Methacrylonitrile	7.295	41	33	25.502	ug/l #	51
42) 1,2-Dichloroethane	8.228	62	259	59.469	ug/l #	71
43) Isopropyl Acetate	8.271	43	50	11.119	ug/l #	47
44) Trichloroethene	8.941	130	316	68.641	ug/l	74

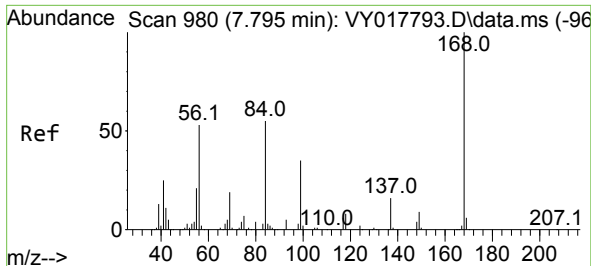
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032924\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,2-Dichloropropane	9.203	63	176	42.805	ug/l #	43
46) Dibromomethane	9.301	93	244	104.453	ug/l	92
47) Bromodichloromethane	9.490	83	246	41.677	ug/l #	87
48) Methyl methacrylate	9.307	41	134	66.552	ug/l #	41
51) 4-Methyl-2-Pentanone	10.069	43	1229	477.490	ug/l #	74
52) Toluene	10.246	92	734	68.388	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	538	102.655	ug/l #	75
54) cis-1,3-Dichloropropene	9.929	75	371	58.002	ug/l #	85
55) 1,1,2-Trichloroethane	10.648	97	226	72.607	ug/l #	66
56) Ethyl methacrylate	10.514	69	133	36.602	ug/l #	44
57) 1,3-Dichloropropane	10.788	76	376	71.423	ug/l #	77
58) 2-Chloroethyl Vinyl ether	9.795	63	384	205.422	ug/l #	58
59) 2-Hexanone	10.837	43	847	465.311	ug/l	79
60) Dibromochloromethane	10.984	129	251	63.936	ug/l	85
61) 1,2-Dibromoethane	11.087	107	435	153.263	ug/l #	60
64) Tetrachloroethene	10.721	164	487	41.390	ug/l	90
65) Chlorobenzene	11.520	112	1759	63.565	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	93	9.898	ug/l #	54
67) Ethyl Benzene	11.593	91	1617	33.991	ug/l	96
68) m/p-Xylenes	11.703	106	1277	70.783	ug/l	97
69) o-Xylene	12.032	106	637	43.626	ug/l	85
70) Styrene	12.050	104	1123	44.520	ug/l	94
71) Bromoform	12.209	173	204	39.168	ug/l #	75
73) Isopropylbenzene	12.331	105	1798	20.859	ug/l	90
74) N-amyl acetate	12.142	43	846	51.698	ug/l #	70
75) 1,1,2,2-Tetrachloroethane	12.581	83	332	22.266	ug/l #	83
76) 1,2,3-Trichloropropane	12.636	75	649	57.825	ug/l #	100
77) Bromobenzene	12.617	156	966	47.054	ug/l	91
78) n-propylbenzene	12.678	91	2635	25.052	ug/l	89
79) 2-Chlorotoluene	12.764	91	1961	34.038	ug/l	92
80) 1,3,5-Trimethylbenzene	12.819	105	1561	23.204	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.483	75	7964	579.771	ug/l #	16
82) 4-Chlorotoluene	12.861	91	2569	43.064	ug/l	84
83) tert-Butylbenzene	13.081	119	1427	23.332	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	1965	29.329	ug/l	95
85) sec-Butylbenzene	13.258	105	2244	24.445	ug/l	82
86) p-Isopropyltoluene	13.373	119	2332	30.392	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	2388	58.621	ug/l	96
88) 1,4-Dichlorobenzene	13.453	146	2394	61.400	ug/l	97
89) n-Butylbenzene	13.703	91	2504	35.470	ug/l	96
90) Hexachloroethane	13.965	117	353	23.136	ug/l	85
91) 1,2-Dichlorobenzene	13.745	146	2137	63.287	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	147	72.955	ug/l	84
93) 1,2,4-Trichlorobenzene	15.013	180	2523	136.416	ug/l	97
94) Hexachlorobutadiene	15.117	225	1089	97.130	ug/l	90
95) Naphthalene	15.245	128	5663	138.534	ug/l	97
96) 1,2,3-Trichlorobenzene	15.434	180	2902	185.755	ug/l	95

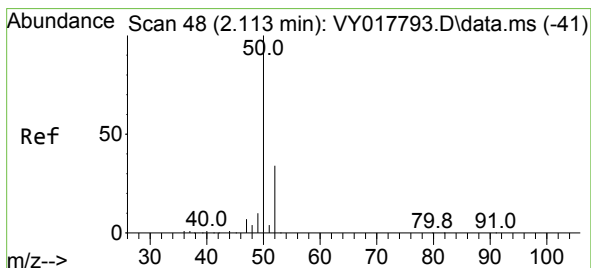
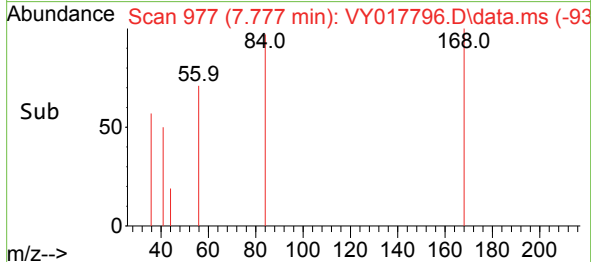
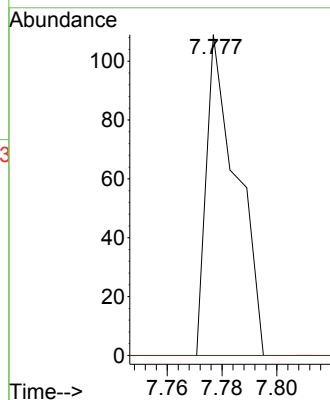
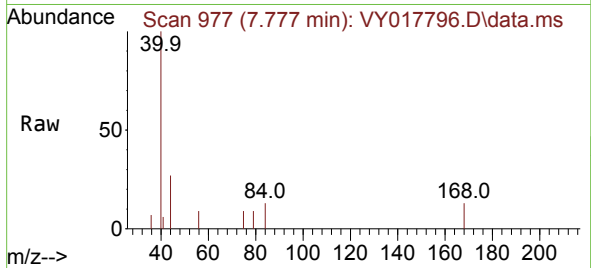
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

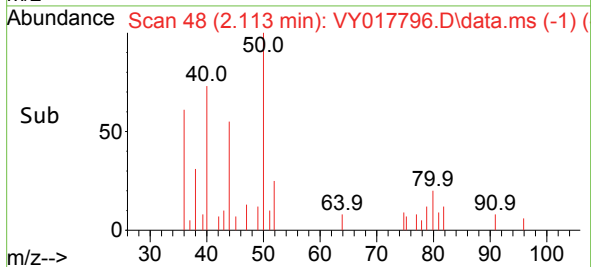
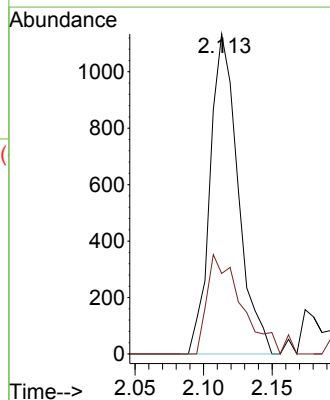
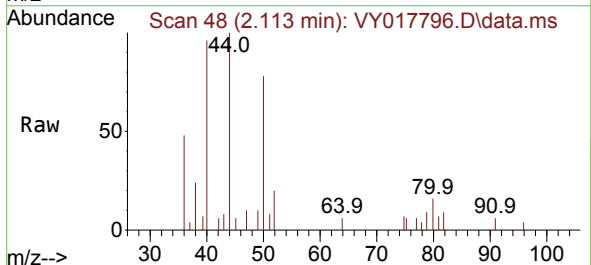
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

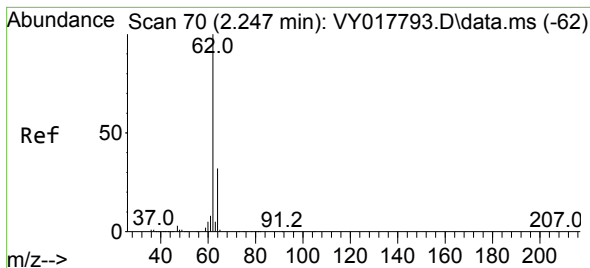
Tgt Ion:168 Resp: 84
Ion Ratio Lower Upper
168 100
99 0.0 39.1 58.7#



#3
Chloromethane
Concen: 1468.419 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 50 Resp: 1610
Ion Ratio Lower Upper
50 100
52 25.1 25.6 38.4#





#4

Vinyl Chloride

Concen: 442.465 ug/l

RT: 2.241 min Scan# 61

Delta R.T. -0.006 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

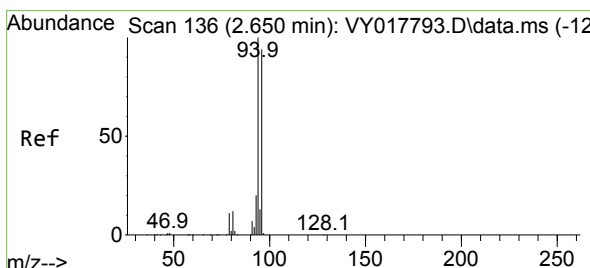
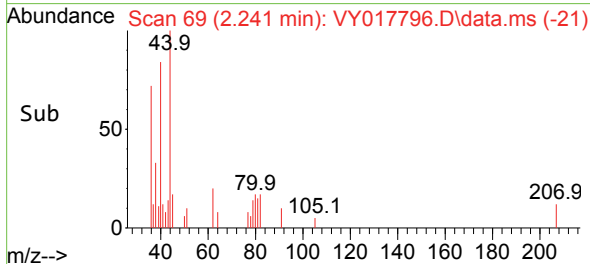
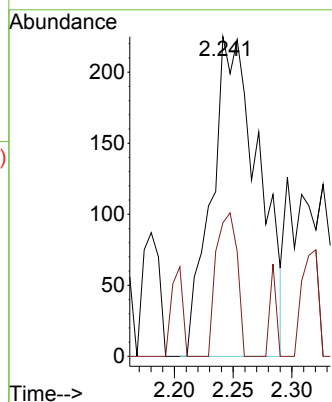
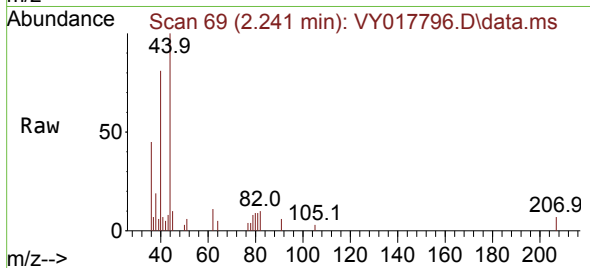
VIBLK

Tgt Ion: 62 Resp: 634

Ion Ratio Lower Upper

62 100

64 41.8 26.1 39.1#



#5

Bromomethane

Concen: 3744.280 ug/l

RT: 2.656 min Scan# 137

Delta R.T. 0.006 min

Lab File: VY017796.D

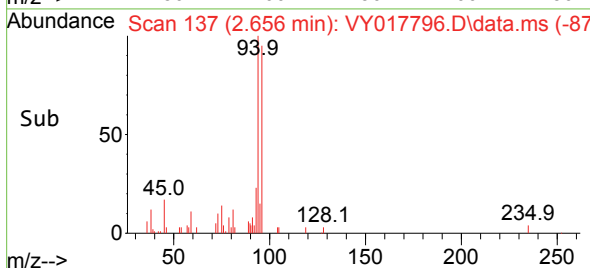
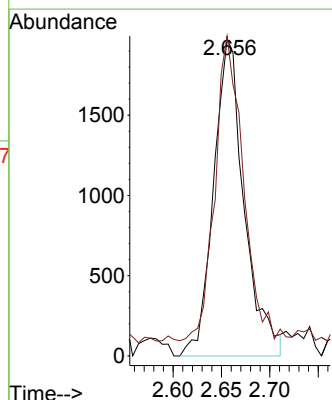
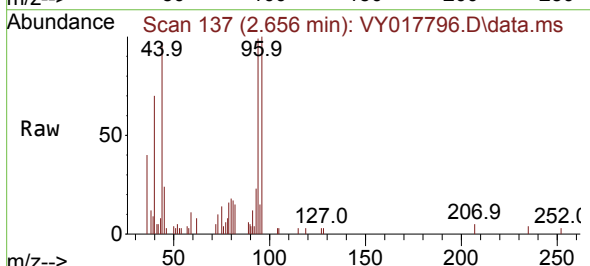
Acq: 29 Mar 2024 17:22

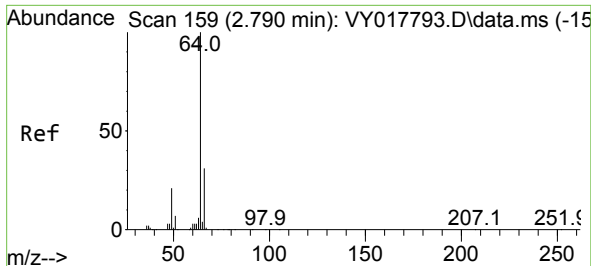
Tgt Ion: 94 Resp: 4338

Ion Ratio Lower Upper

94 100

96 96.1 74.1 111.1

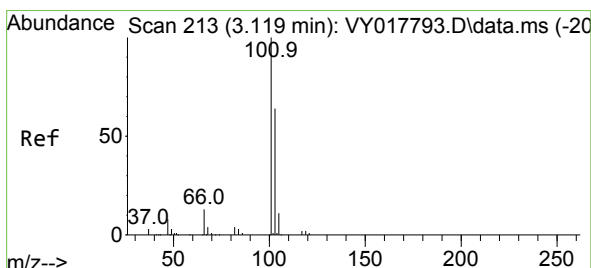
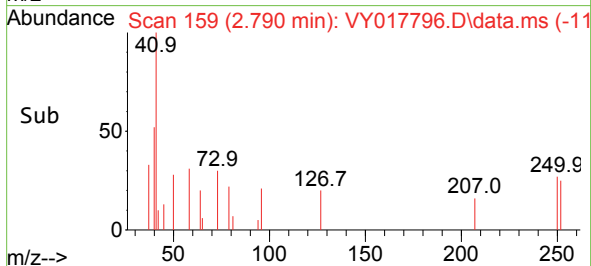
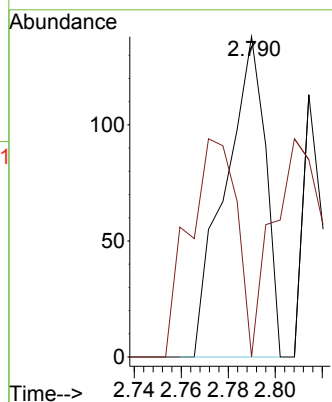
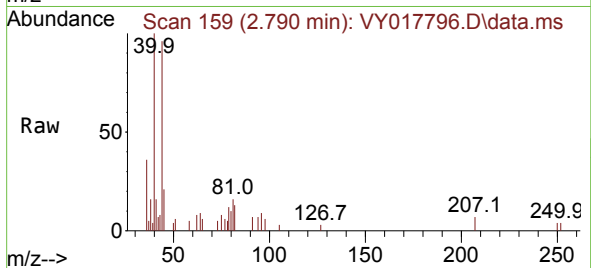




#6
Chloroethane
Concen: 175.422 ug/l
RT: 2.790 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

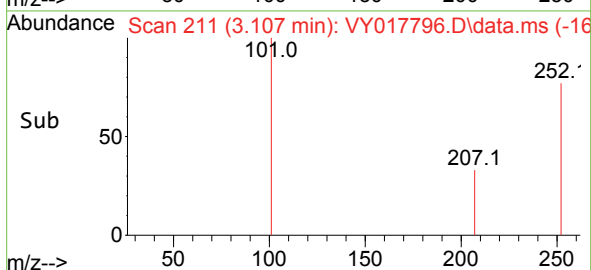
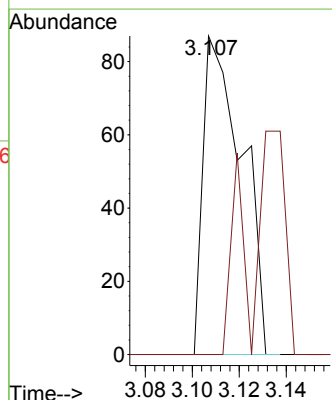
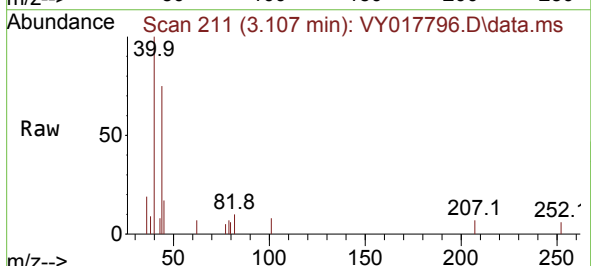
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

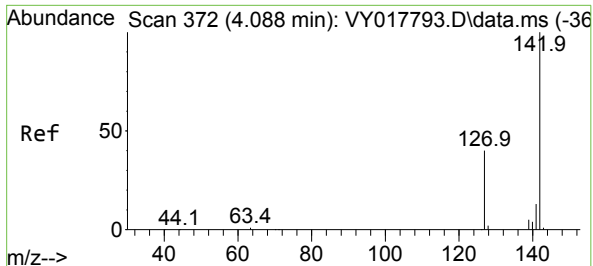
Tgt Ion: 64 Resp: 164
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#7
Trichlorofluoromethane
Concen: 71.564 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.012 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion:101 Resp: 100
Ion Ratio Lower Upper
101 100
103 0.0 49.3 73.9#





#10

Methyl Iodide

Concen: 3358.900 ug/l

RT: 4.095 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

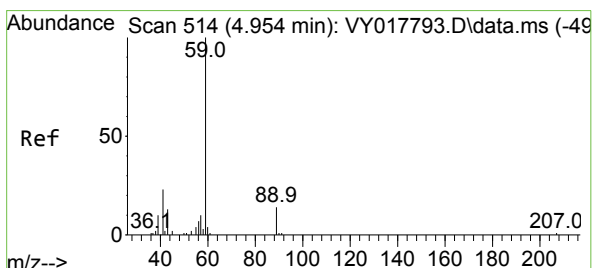
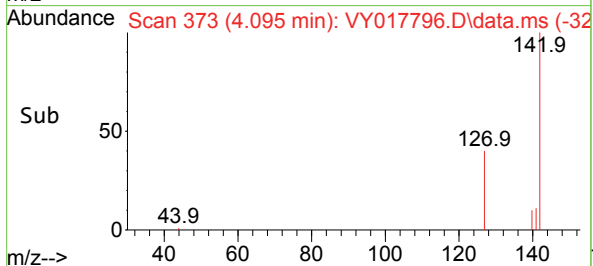
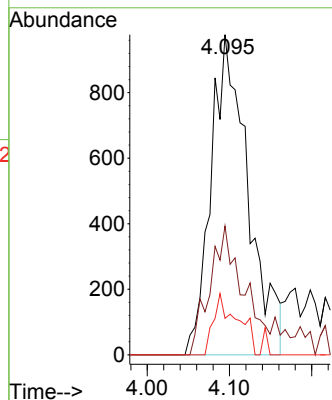
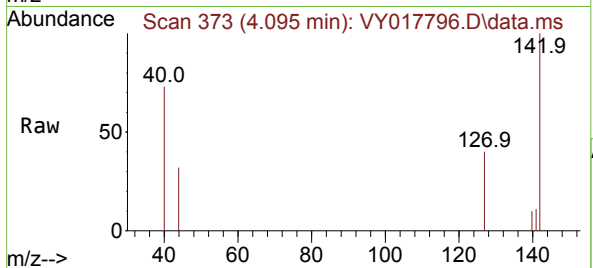
Tgt Ion:142 Resp: 3061

Ion Ratio Lower Upper

142 100

127 36.9 32.8 49.2

141 12.3 11.4 17.2



#11

Tert butyl alcohol

Concen: 14230.746 ug/l

RT: 4.911 min Scan# 507

Delta R.T. -0.043 min

Lab File: VY017796.D

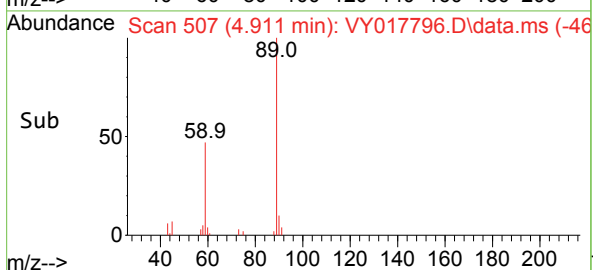
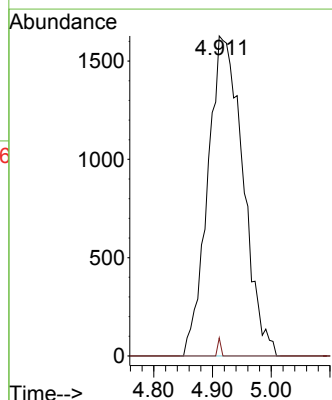
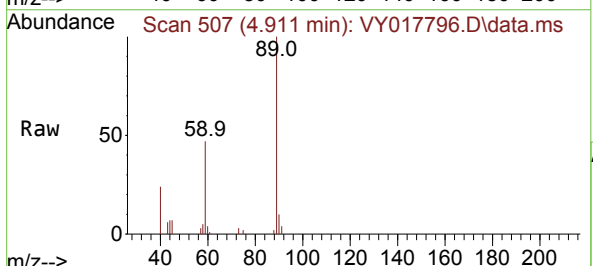
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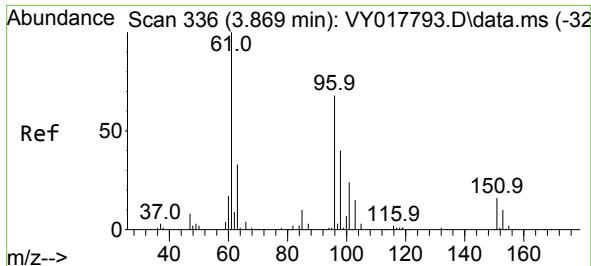
Tgt Ion: 59 Resp: 6760

Ion Ratio Lower Upper

59 100

57 0.5 3.0 4.6#

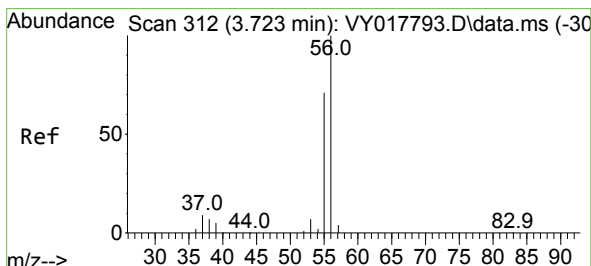
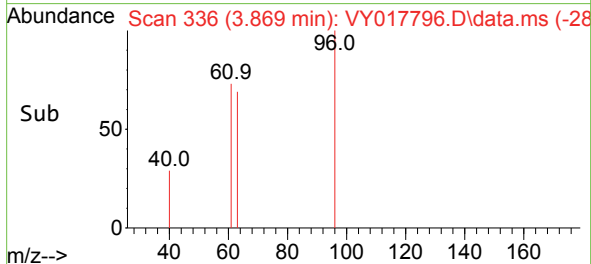
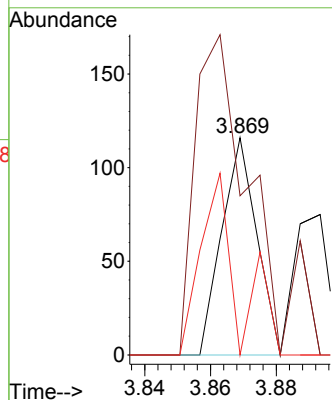
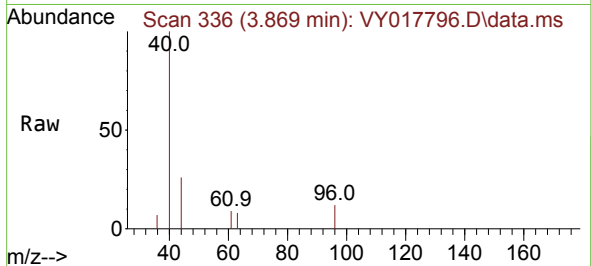




#12
1,1-Dichloroethene
Concen: 108.395 ug/l
RT: 3.869 min Scan# 313
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

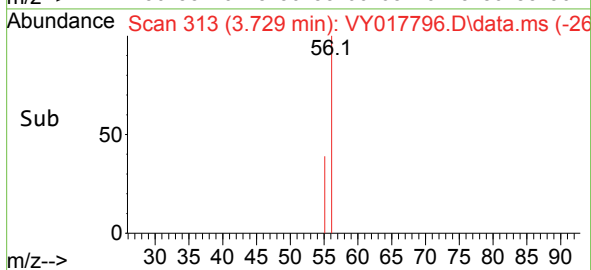
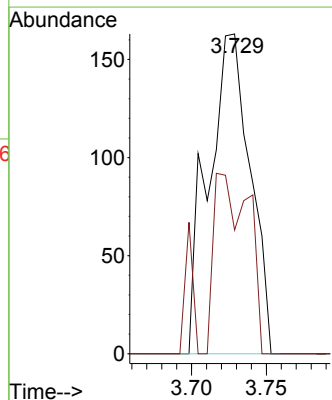
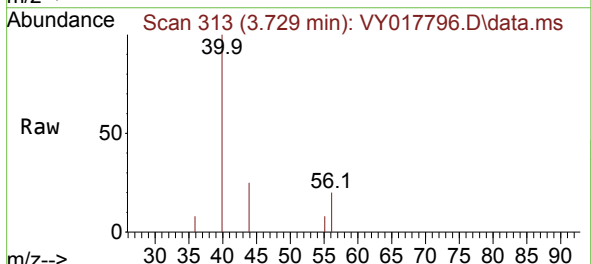
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VIBLK

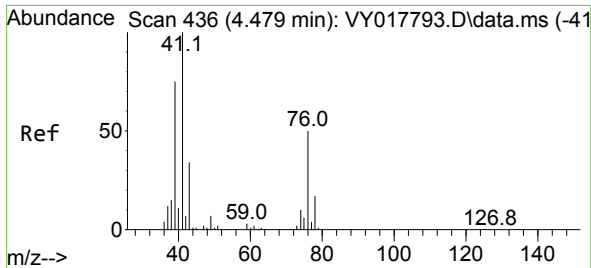
Tgt Ion: 96 Resp: 85
Ion Ratio Lower Upper
96 100
61 73.3 114.6 171.8#
98 0.0 50.8 76.2#



#13
Acrolein
Concen: 6244.422 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 56 Resp: 318
Ion Ratio Lower Upper
56 100
55 46.5 55.7 83.5#

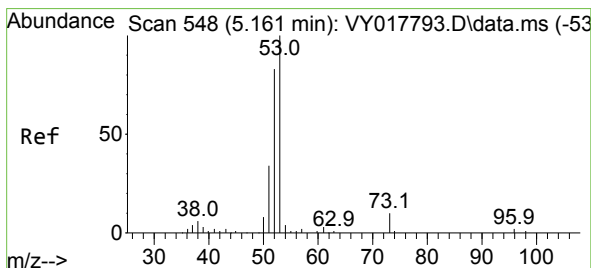
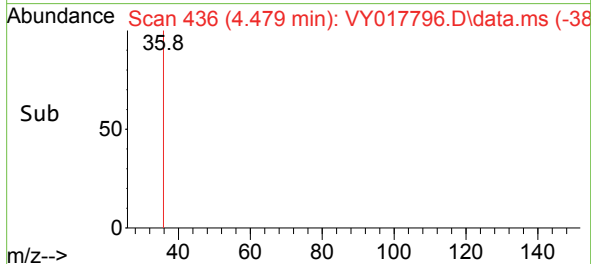
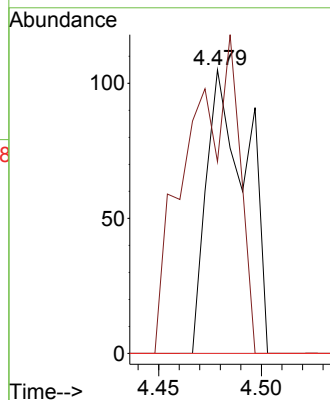
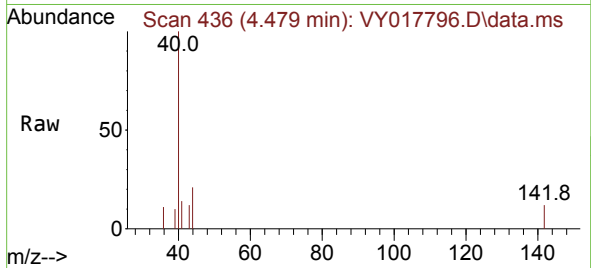




#14
 Allyl chloride
 Concen: 148.643 ug/l
 RT: 4.479 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VY017796.D
 Acq: 29 Mar 2024 17:22

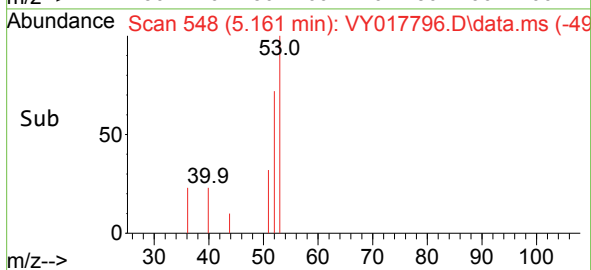
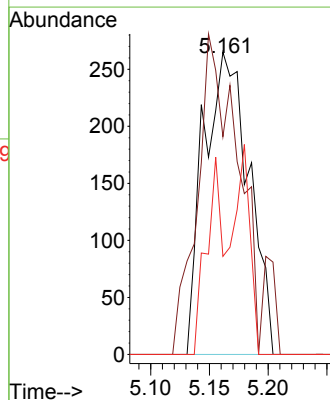
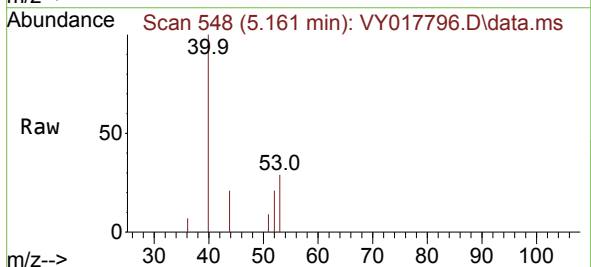
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

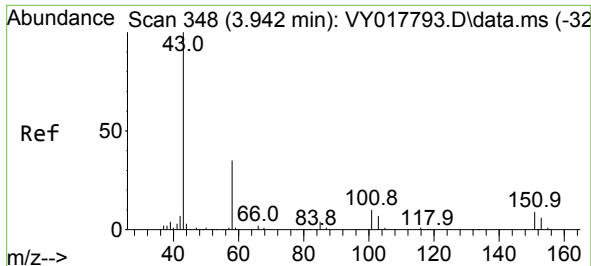
Tgt Ion: 41	Resp:	143
Ion	Ratio	Lower Upper
41	100	
39	141.3	58.3 87.5#
76	0.0	39.0 58.6#



#15
 Acrylonitrile
 Concen: 4097.813 ug/l
 RT: 5.161 min Scan# 548
 Delta R.T. 0.000 min
 Lab File: VY017796.D
 Acq: 29 Mar 2024 17:22

Tgt Ion: 53	Resp:	710
Ion	Ratio	Lower Upper
53	100	
52	93.8	64.7 97.1
51	22.4	28.4 42.6#

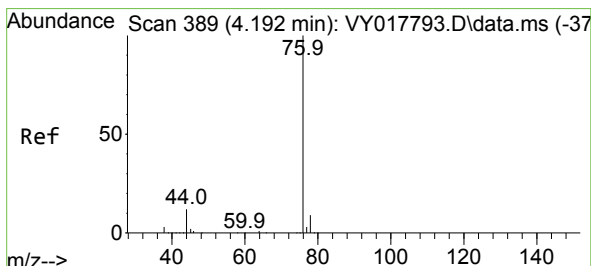
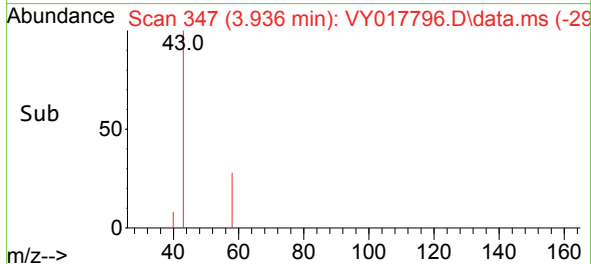
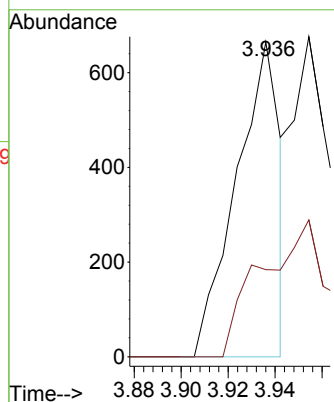
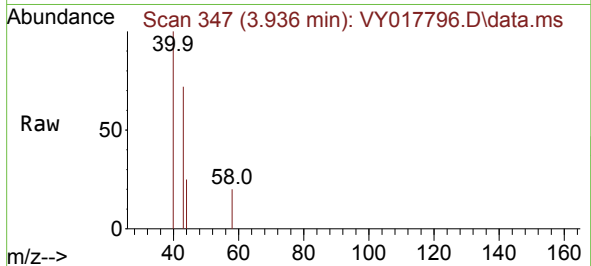




#16
Acetone
Concen: 5756.984 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

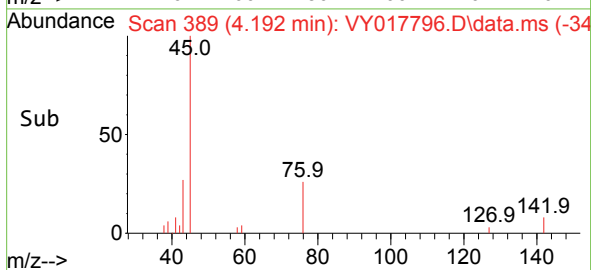
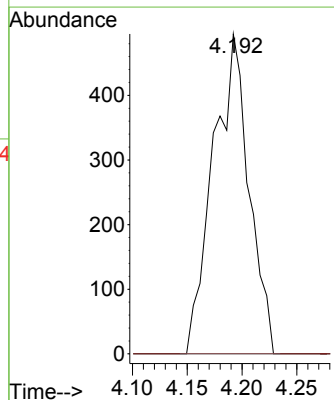
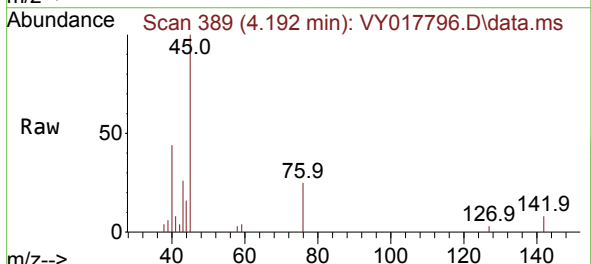
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

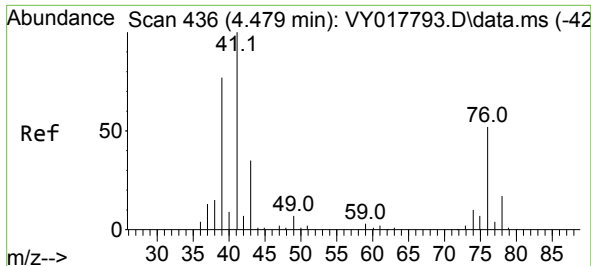
Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
58 27.7 31.7 47.5#



#17
Carbon Disulfide
Concen: 507.399 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 76 Resp: 1126
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#





#18

Methyl Acetate

Concen: 760.209 ug/l

RT: 4.466 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

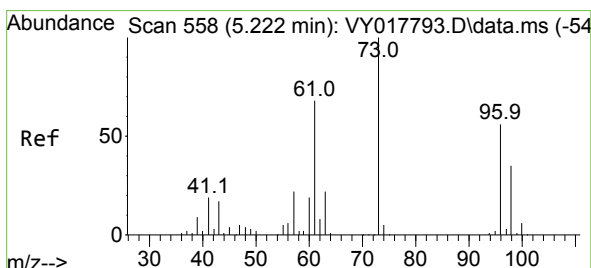
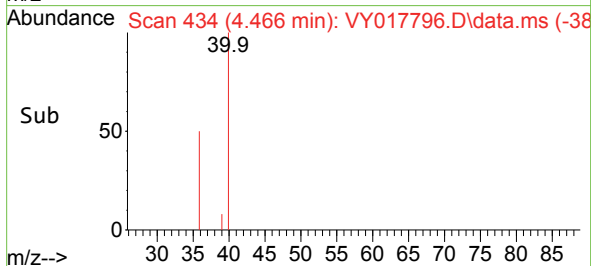
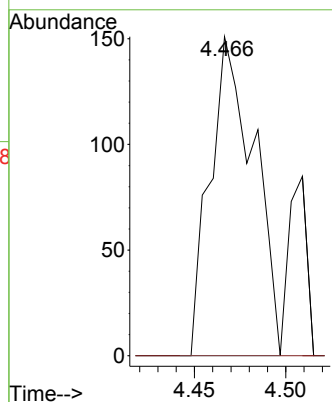
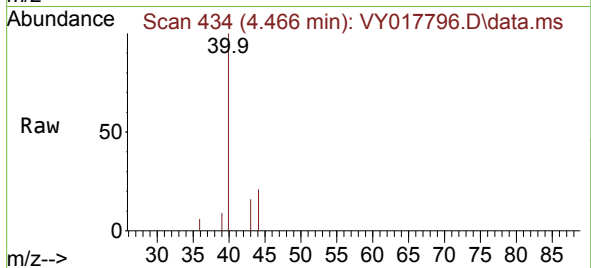
VIBLK

Tgt Ion: 43 Resp: 253

Ion Ratio Lower Upper

43 100

74 0.0 23.3 34.9#



#19

Methyl tert-butyl Ether

Concen: 11.696 ug/l

RT: 5.204 min Scan# 555

Delta R.T. -0.018 min

Lab File: VY017796.D

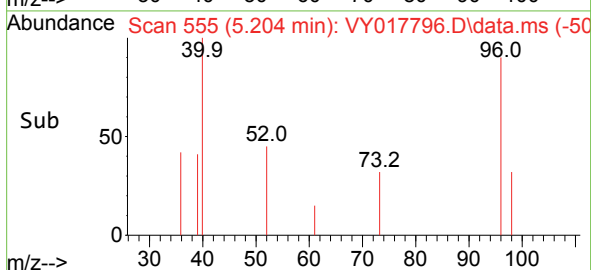
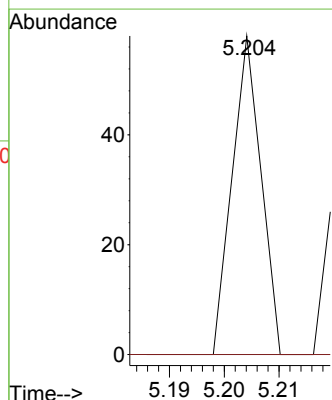
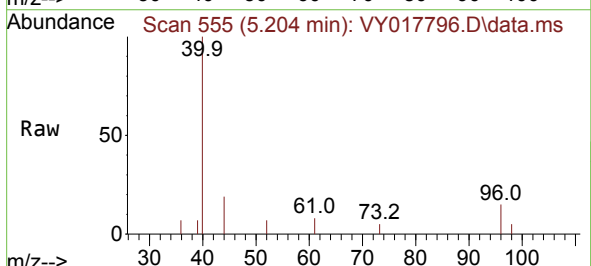
Acq: 29 Mar 2024 17:22

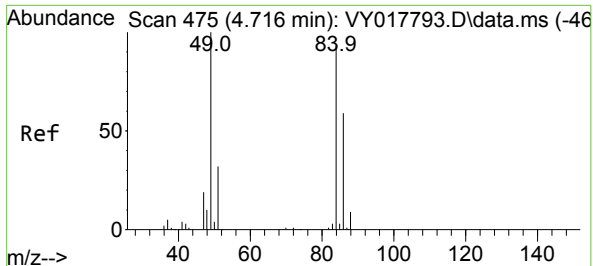
Tgt Ion: 73 Resp: 21

Ion Ratio Lower Upper

73 100

57 0.0 17.3 25.9#

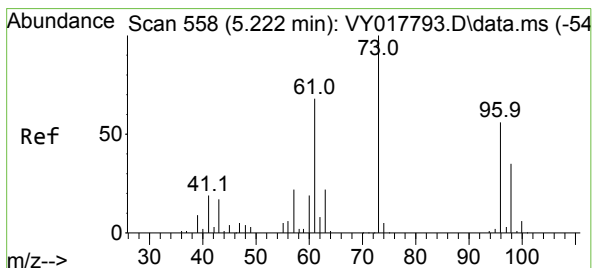
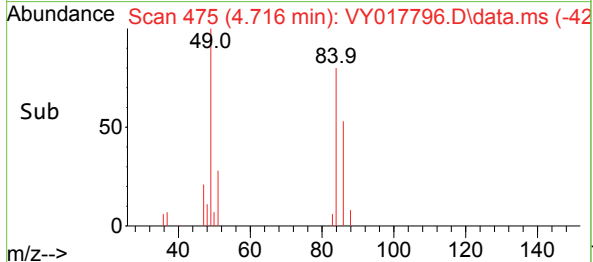
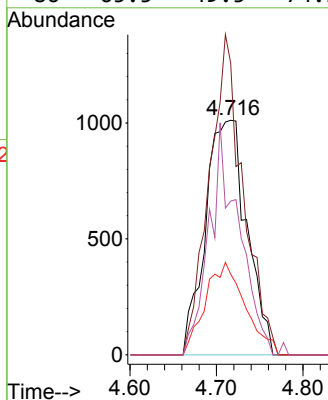
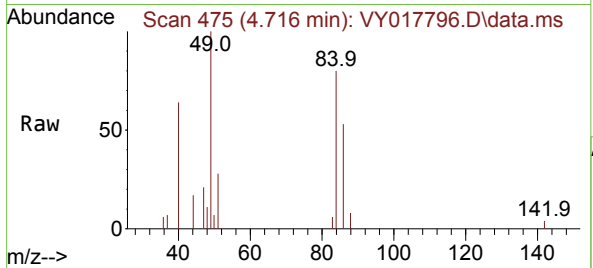




#20
Methylene Chloride
Concen: 3845.397 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

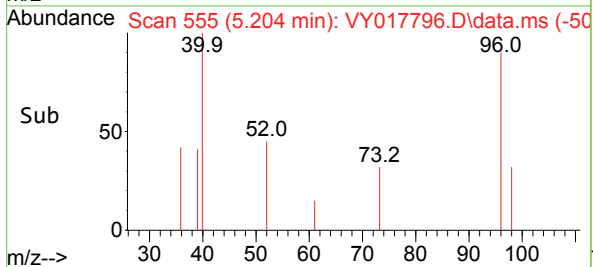
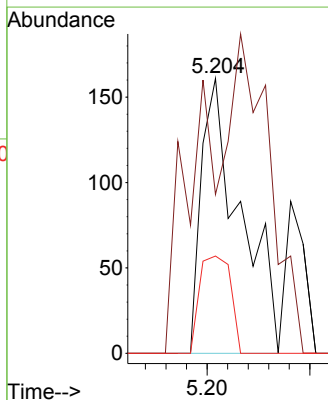
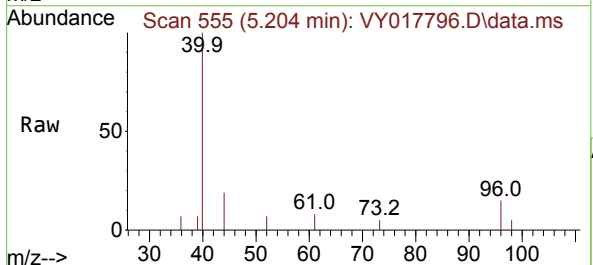
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

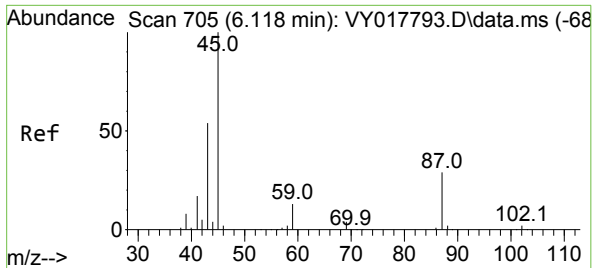
Tgt Ion:	84	Resp:	3355
Ion	Ratio	Lower	Upper
84	100		
49	124.4	84.4	126.6
51	34.4	26.0	39.0
86	65.5	49.5	74.3



#21
trans-1,2-Dichloroethene
Concen: 252.640 ug/l
RT: 5.204 min Scan# 555
Delta R.T. -0.018 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion:	96	Resp:	212
Ion	Ratio	Lower	Upper
96	100		
61	25.5	97.5	146.3#
98	35.4	50.5	75.7#

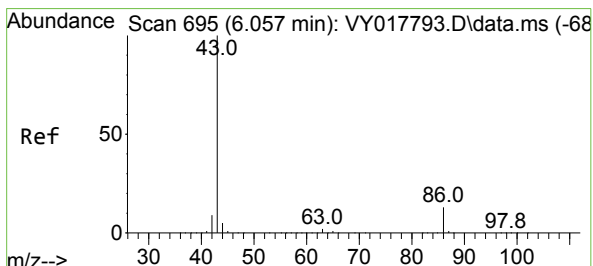
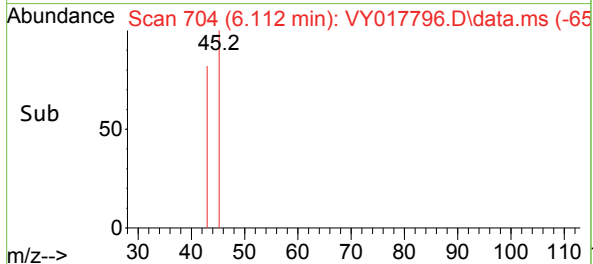
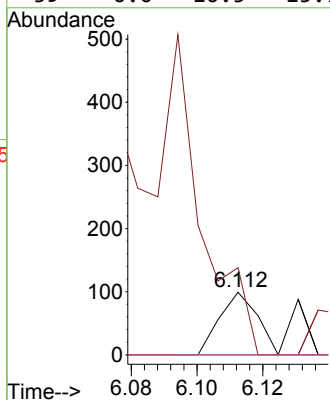
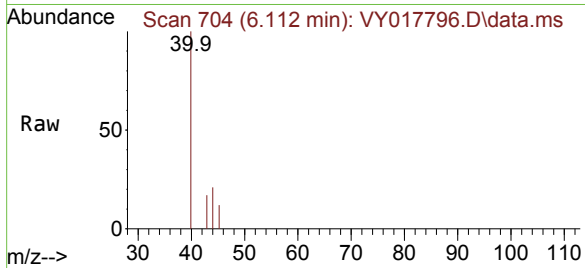




#22
Diisopropyl ether
Concen: 35.528 ug/l
RT: 6.112 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

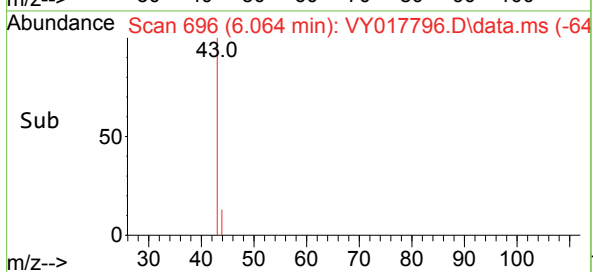
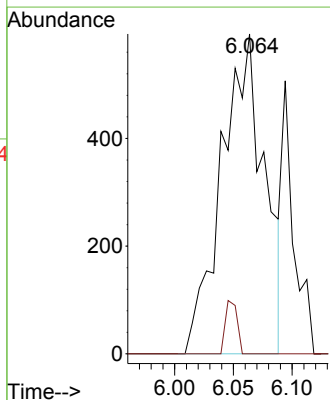
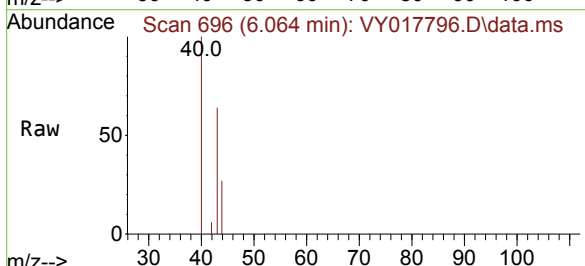
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

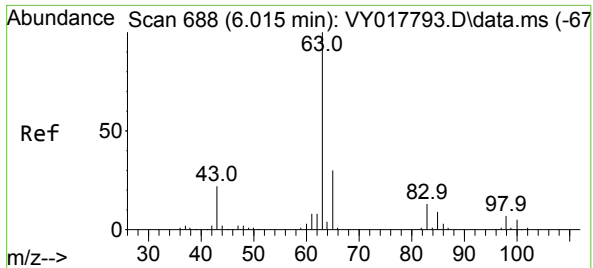
Tgt Ion:	45	Resp:	79
Ion	Ratio	Lower	Upper
45	100		
43	139.4	42.2	63.2#
87	0.0	25.0	37.6#
59	0.0	10.5	15.7#



#23
Vinyl Acetate
Concen: 1104.877 ug/l
RT: 6.064 min Scan# 696
Delta R.T. 0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion:	43	Resp:	1500
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#

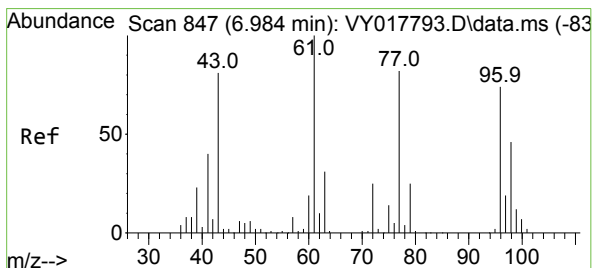
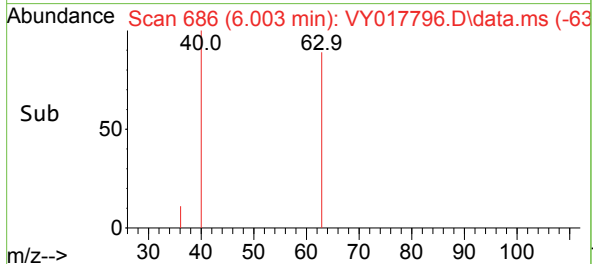
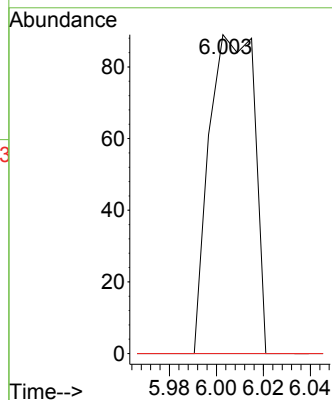
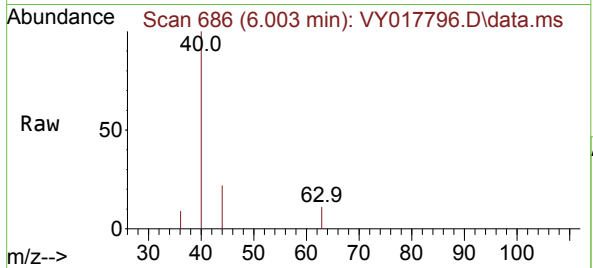




#24
1,1-Dichloroethane
Concen: 79.955 ug/l
RT: 6.003 min Scan# 611
Delta R.T. -0.012 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

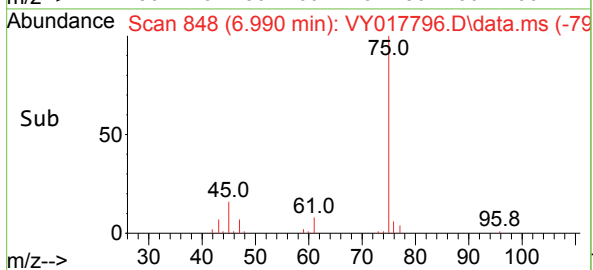
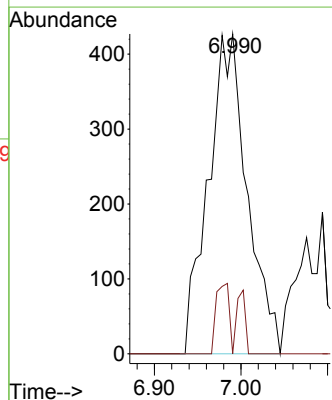
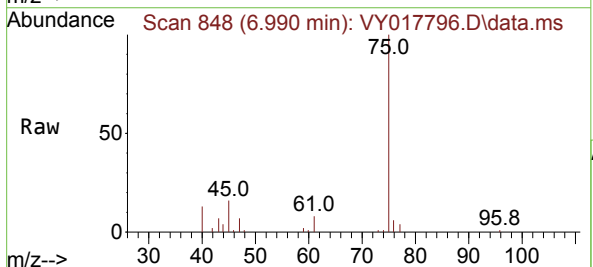
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

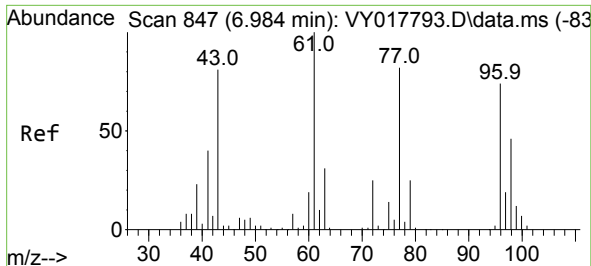
Tgt Ion: 63 Resp: 118
Ion Ratio Lower Upper
63 100
98 0.0 4.0 12.2#
100 0.0 2.6 8.0#



#25
2-Butanone
Concen: 6208.973 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 43 Resp: 1329
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#

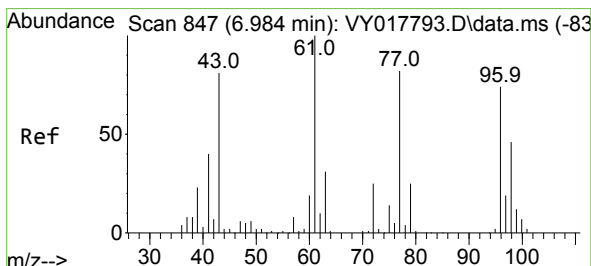
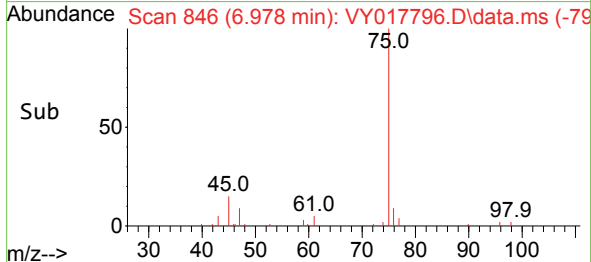
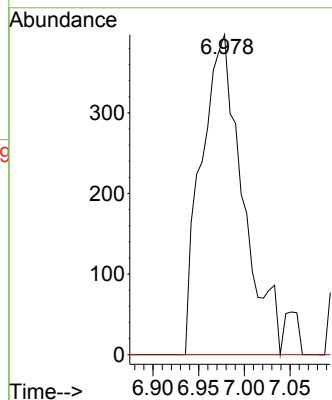
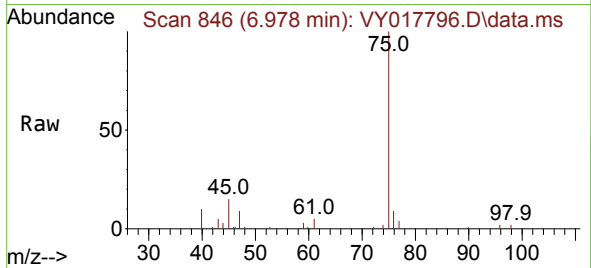




#26
2,2-Dichloropropane
Concen: 976.701 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

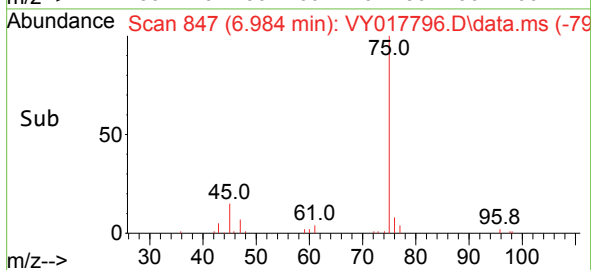
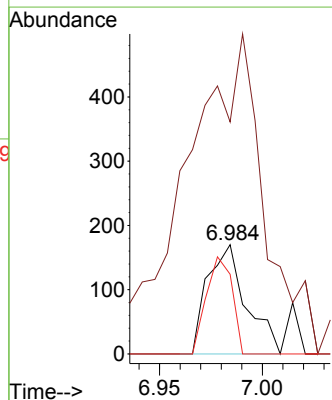
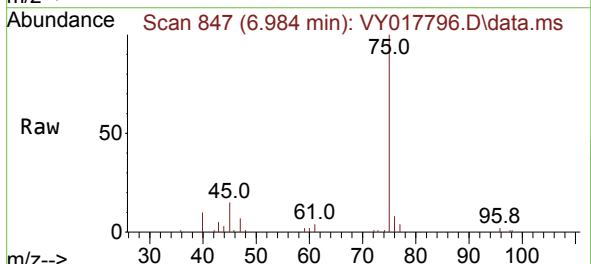
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

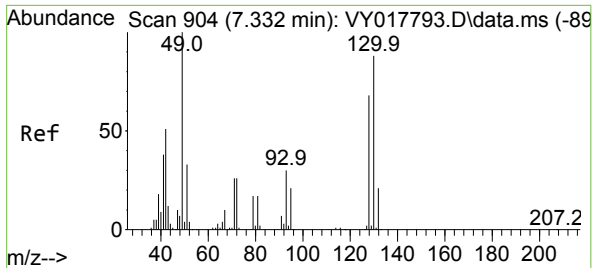
Tgt Ion: 77 Resp: 1245
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



#27
cis-1,2-Dichloroethene
Concen: 224.862 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 96 Resp: 223
Ion Ratio Lower Upper
96 100
61 603.1 0.0 256.2#
98 58.7 0.0 130.0

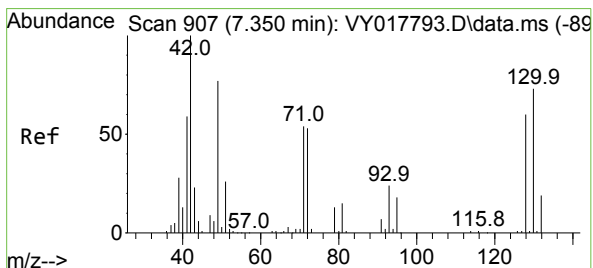
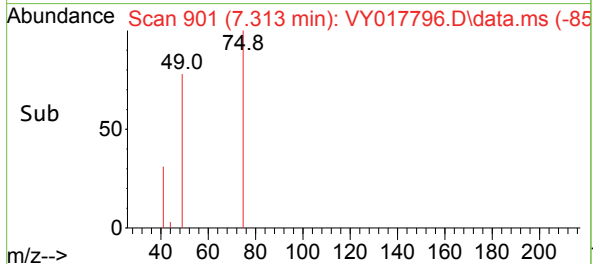
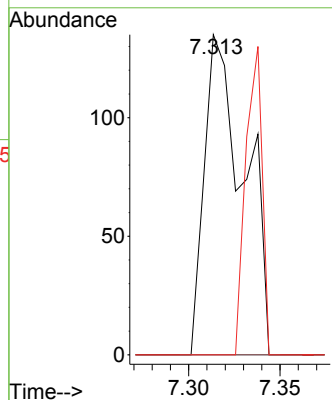
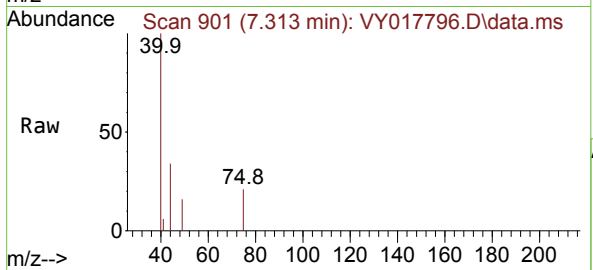




#28
Bromochloromethane
Concen: 339.905 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.018 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

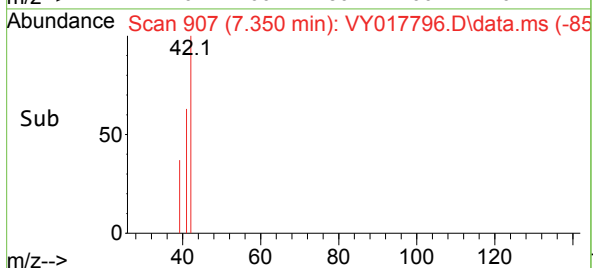
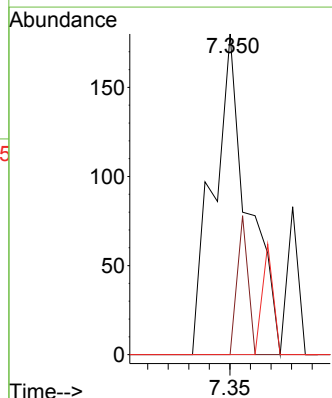
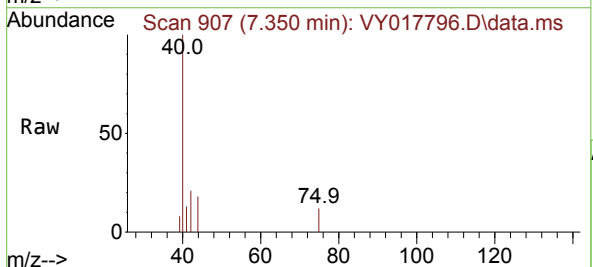
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

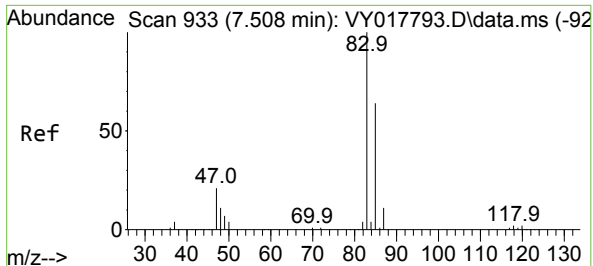
Tgt Ion: 49 Resp: 204
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.7 109.1#



#29
Tetrahydrofuran
Concen: 1642.872 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 42 Resp: 211
Ion Ratio Lower Upper
42 100
72 13.7 43.0 64.4#
71 10.9 40.8 61.2#

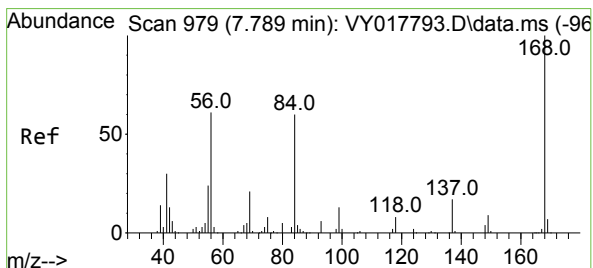
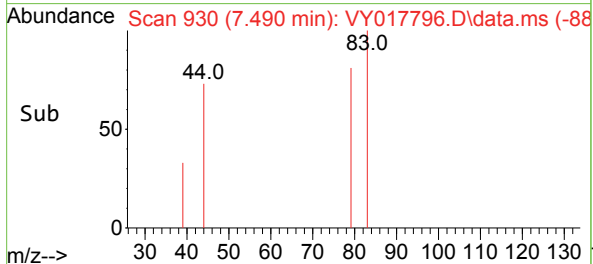
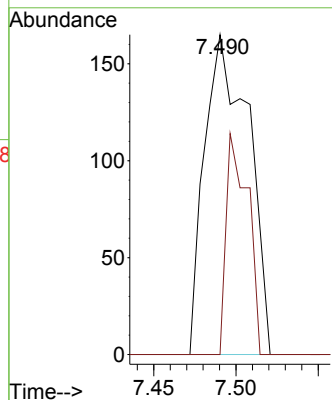
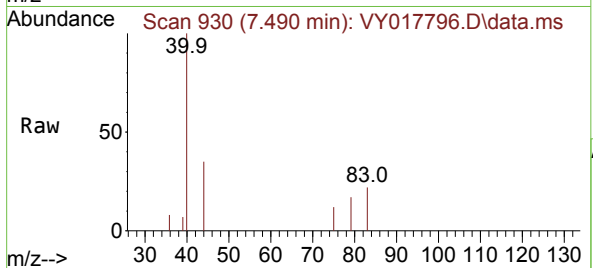




#30
Chloroform
Concen: 199.835 ug/l
RT: 7.490 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

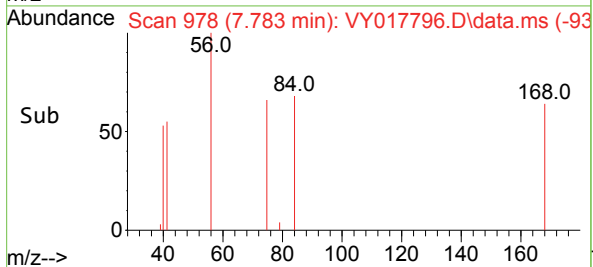
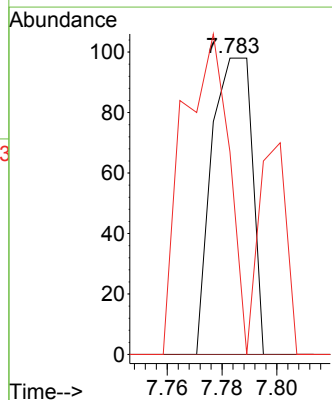
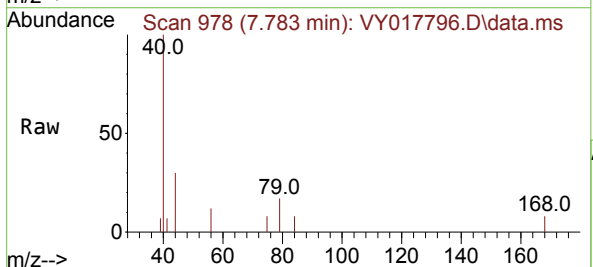
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

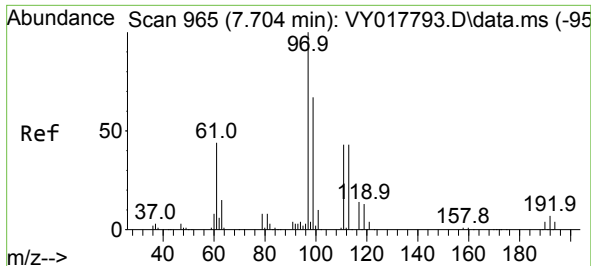
Tgt Ion: 83 Resp: 306
Ion Ratio Lower Upper
83 100
85 0.0 52.2 78.4#



#31
Cyclohexane
Concen: 78.094 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 56 Resp: 100
Ion Ratio Lower Upper
56 100
69 0.0 28.7 43.1#
84 0.0 77.7 116.5#

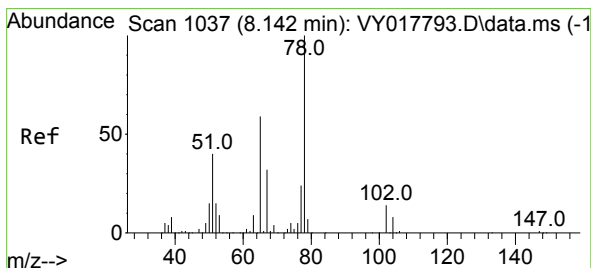
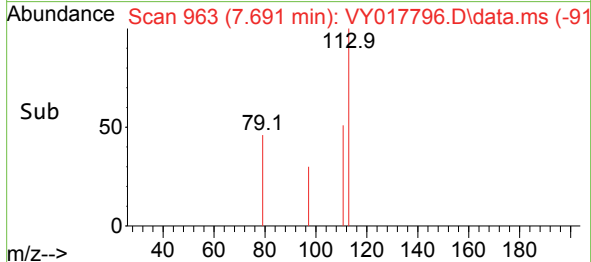
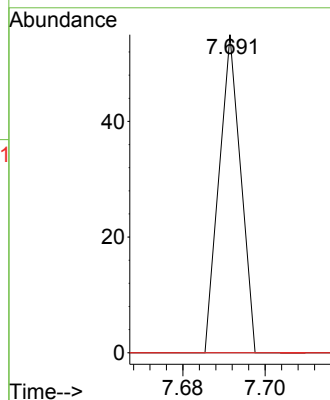
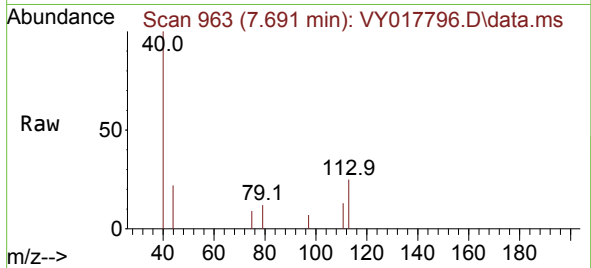




#32
1,1,1-Trichloroethane
Concen: 15.346 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.012 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

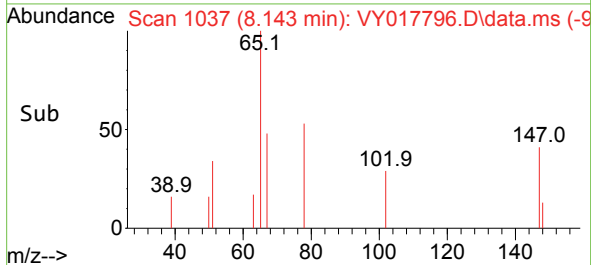
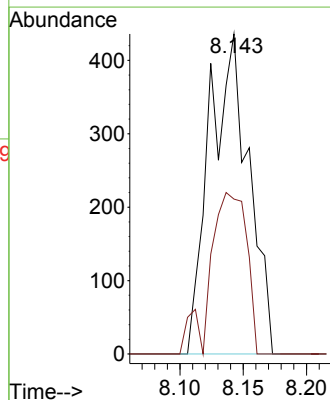
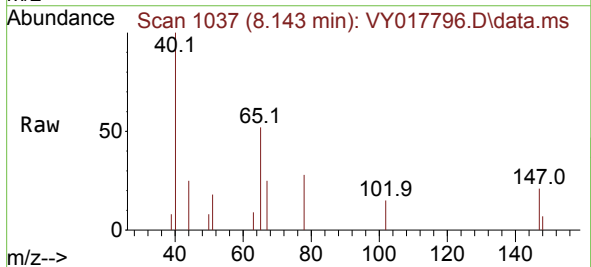
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

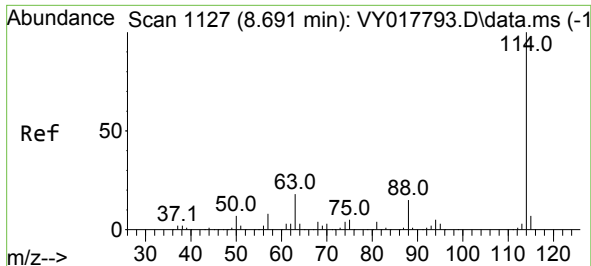
Tgt Ion: 97 Resp: 20
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 0.0 32.6 48.8#



#33
1,2-Dichloroethane-d4
Concen: 1294.569 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 65 Resp: 941
Ion Ratio Lower Upper
65 100
67 47.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

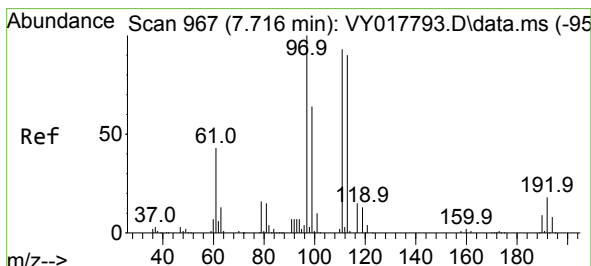
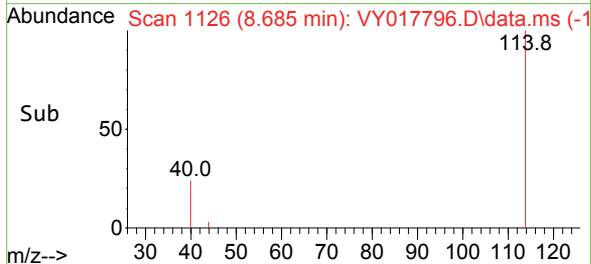
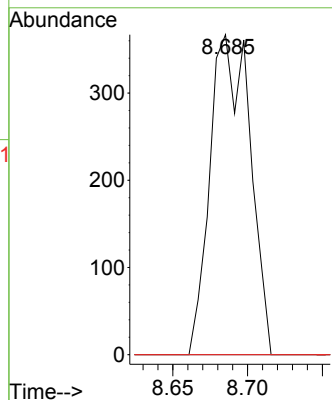
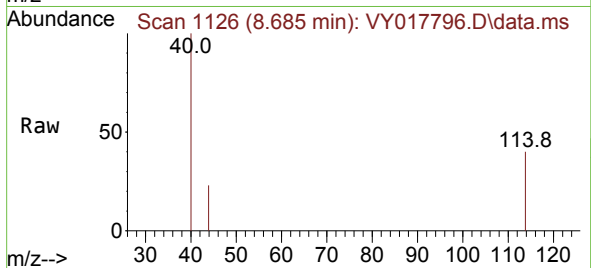
Tgt Ion:114 Resp: 681

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.0

88 0.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 157.047 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

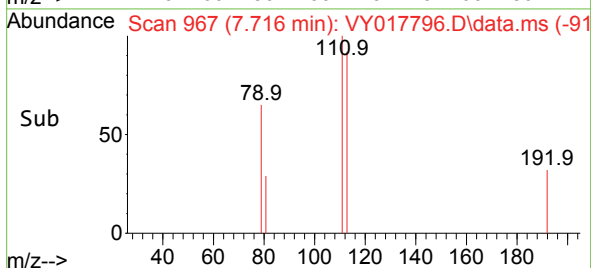
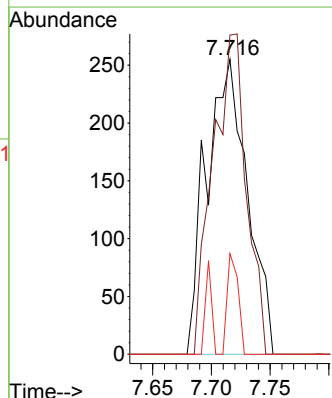
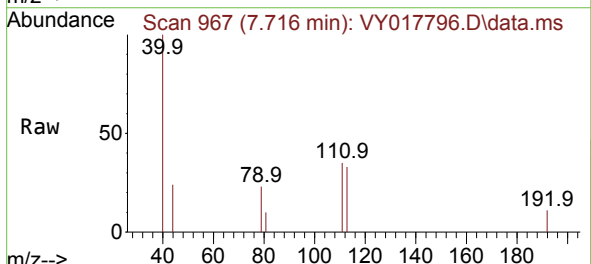
Tgt Ion:113 Resp: 618

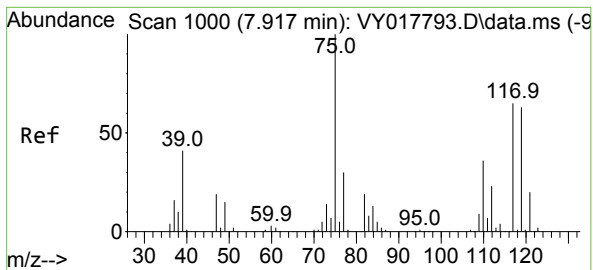
Ion Ratio Lower Upper

113 100

111 88.8 82.2 123.4

192 9.1 15.9 23.9#

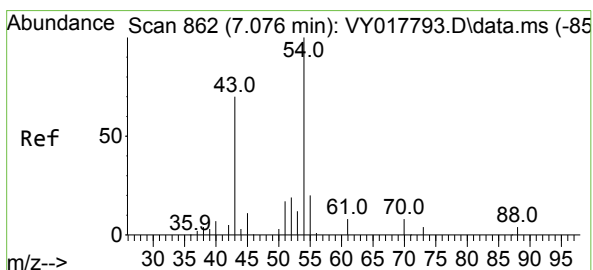
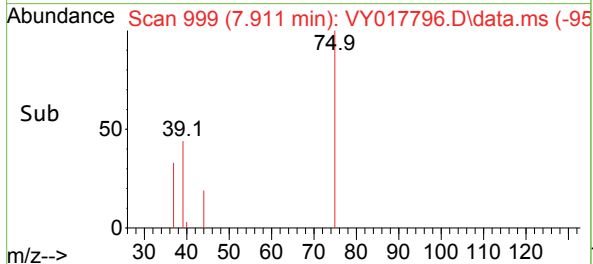
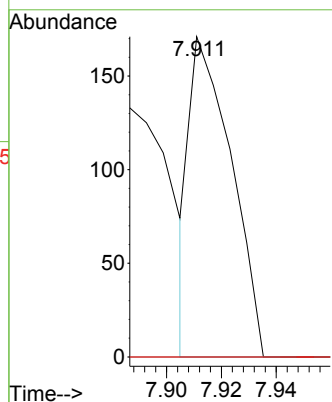
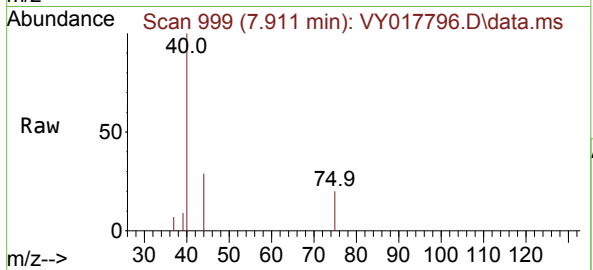




#36
 1,1-Dichloropropene
 Concen: 31.176 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VY017796.D
 Acq: 29 Mar 2024 17:22

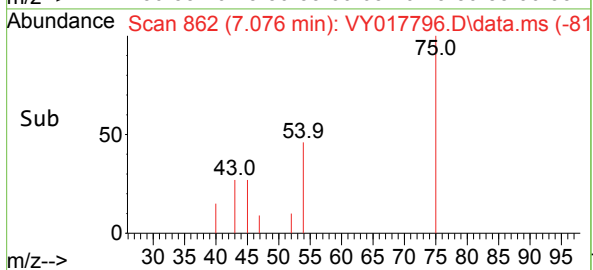
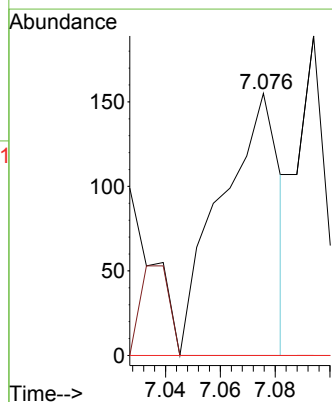
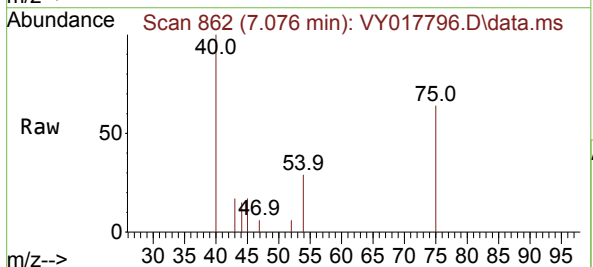
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

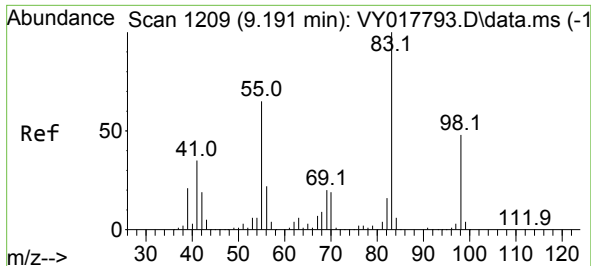
Tgt Ion: 75 Resp: 179
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.0 57.0#
 77 0.0 25.3 37.9#



#37
 Ethyl Acetate
 Concen: 93.632 ug/l
 RT: 7.076 min Scan# 862
 Delta R.T. 0.000 min
 Lab File: VY017796.D
 Acq: 29 Mar 2024 17:22

Tgt Ion: 43 Resp: 232
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.6 19.0#
 70 0.0 7.8 11.8#





#39

Methylcyclohexane

Concen: 19.381 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

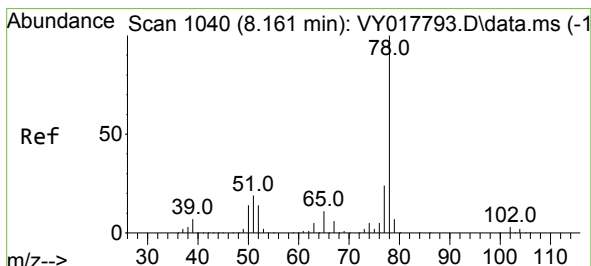
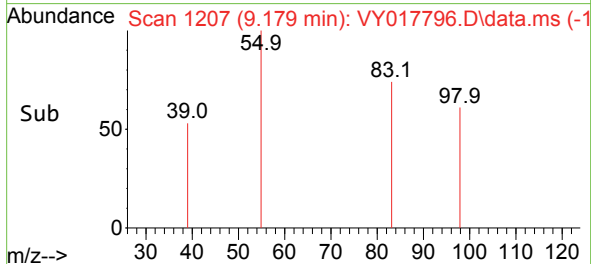
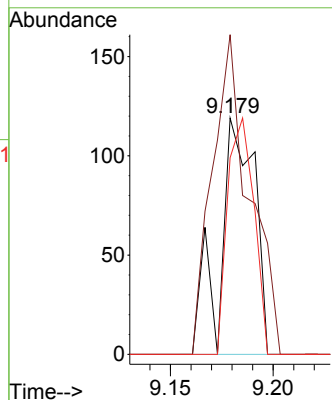
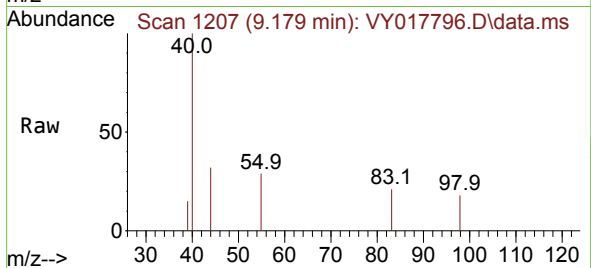
Tgt Ion: 83 Resp: 139

Ion Ratio Lower Upper

83 100

55 135.3 51.5 77.3#

98 83.2 40.5 60.7#



#40

Benzene

Concen: 59.736 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY017796.D

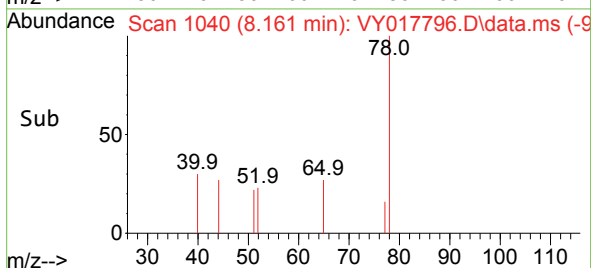
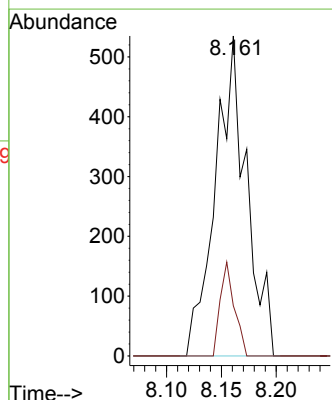
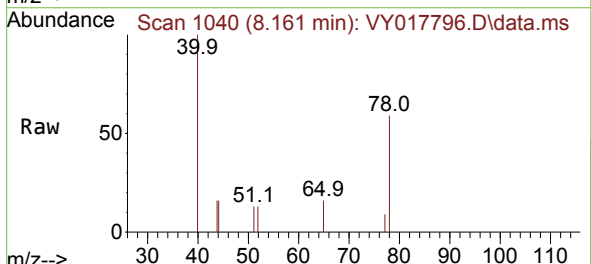
Acq: 29 Mar 2024 17:22

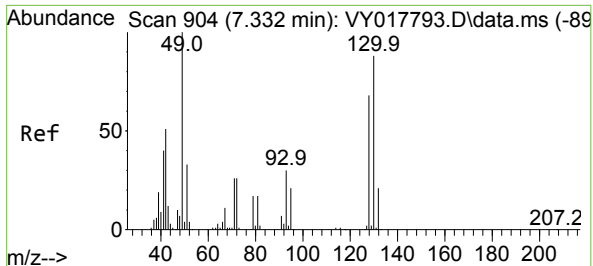
Tgt Ion: 78 Resp: 1057

Ion Ratio Lower Upper

78 100

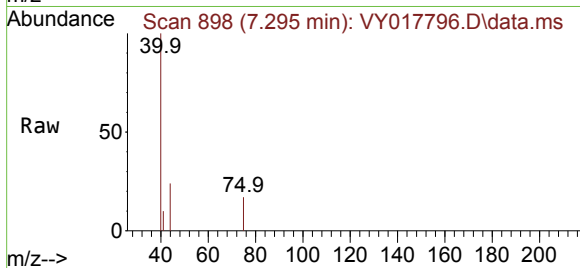
77 15.7 19.5 29.3#



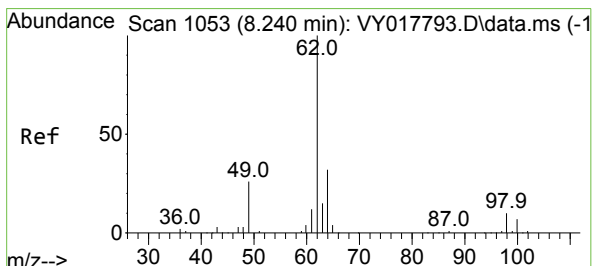
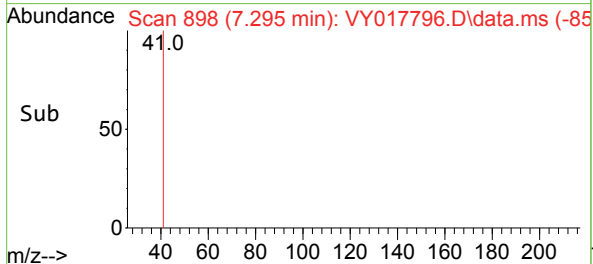
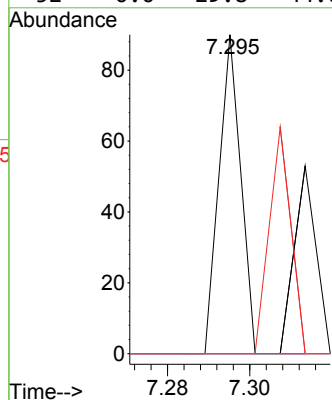


#41
Methacrylonitrile
Concen: 25.502 ug/l
RT: 7.295 min Scan# 89
Delta R.T. -0.037 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

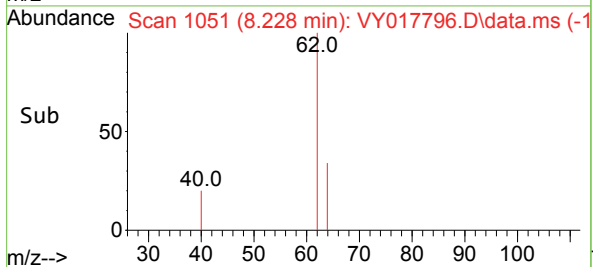
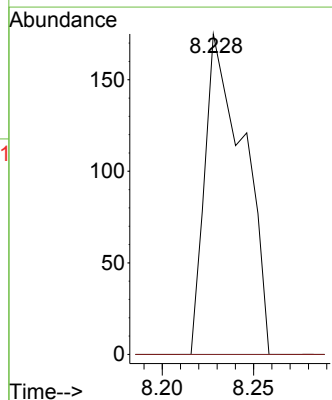
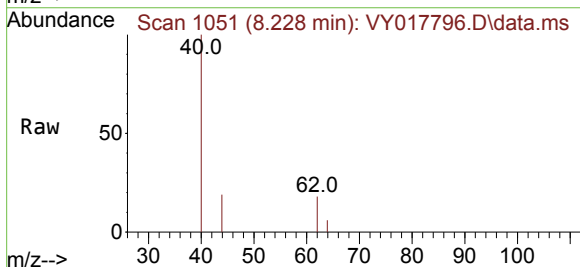


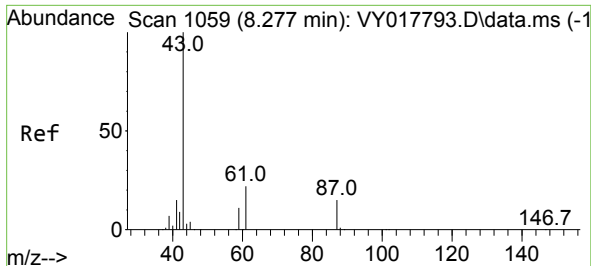
Tgt Ion:	41	Resp:	33
Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.0	72.0#
67	69.7	75.1	112.7#
52	0.0	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 59.469 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.012 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion:	62	Resp:	259
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	22.0

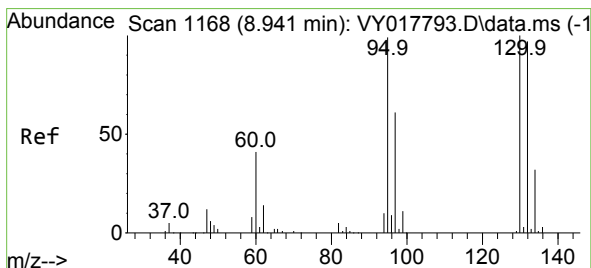
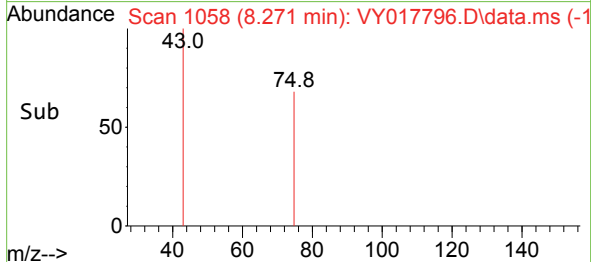
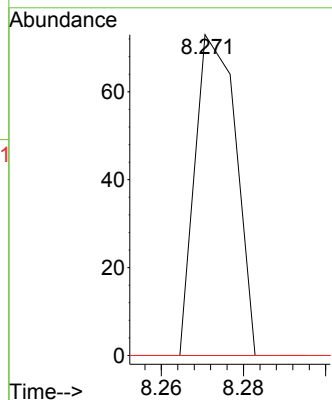
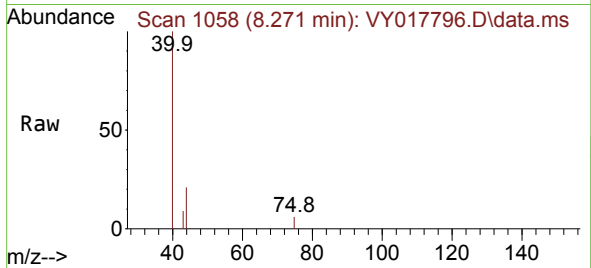




#43
Isopropyl Acetate
Concen: 11.119 ug/l
RT: 8.271 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

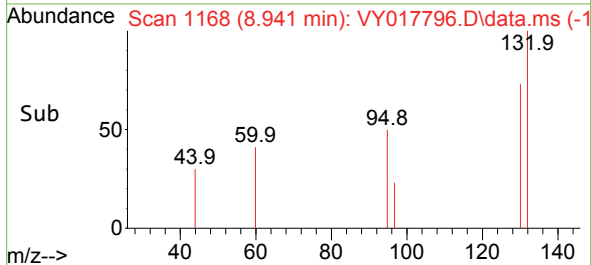
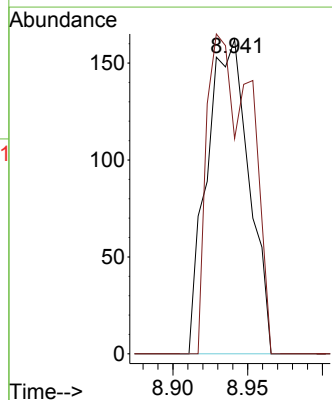
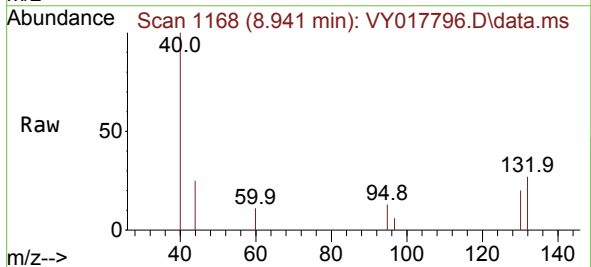
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

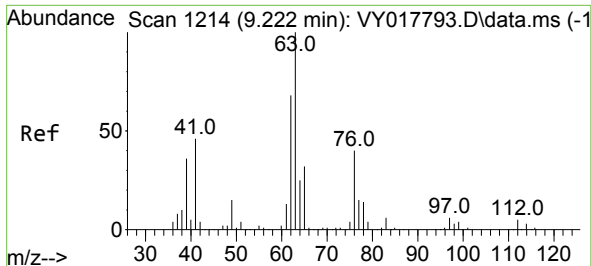
Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 0.0 13.1 19.7#



#44
Trichloroethene
Concen: 68.641 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion:130 Resp: 316
Ion Ratio Lower Upper
130 100
95 68.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 42.805 ug/l

RT: 9.203 min Scan# 1211

Delta R.T. -0.018 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

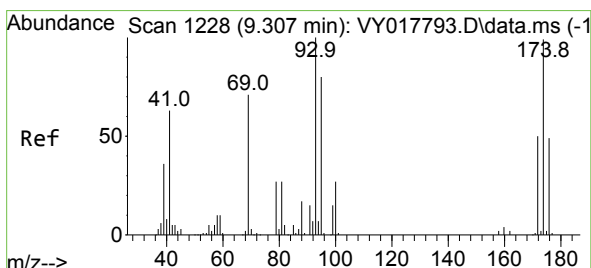
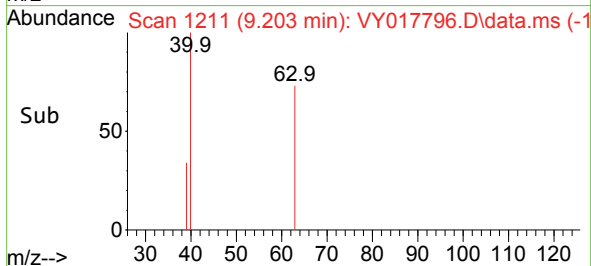
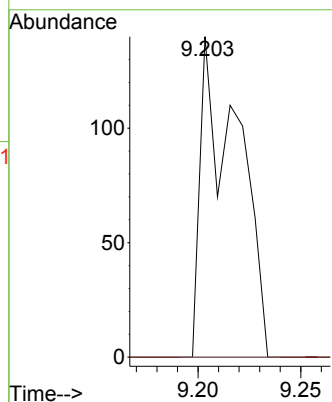
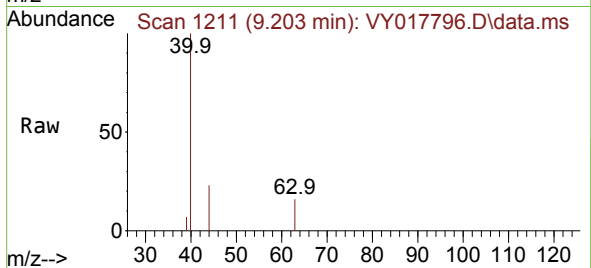
VIBLK

Tgt Ion: 63 Resp: 176

Ion Ratio Lower Upper

63 100

65 0.0 25.4 38.2#



#46

Dibromomethane

Concen: 104.453 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

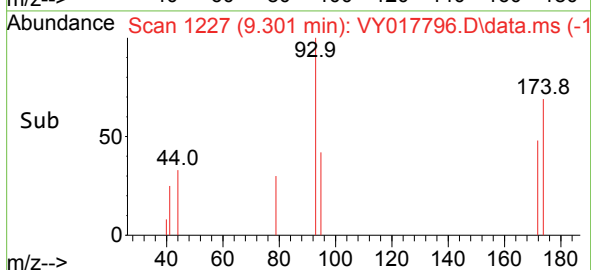
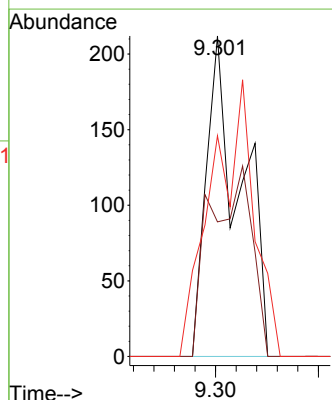
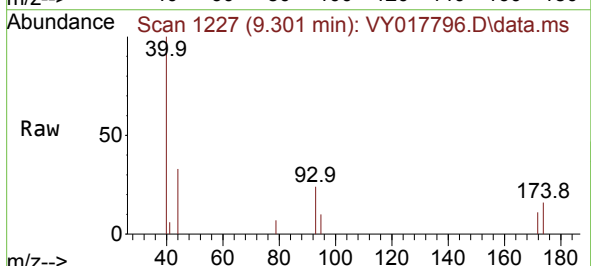
Tgt Ion: 93 Resp: 244

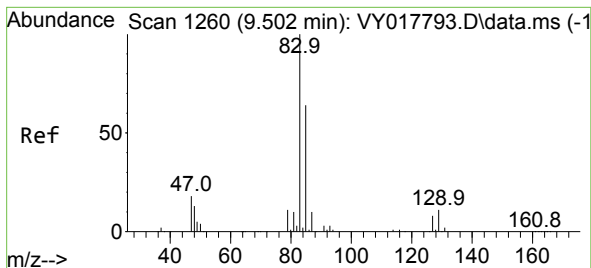
Ion Ratio Lower Upper

93 100

95 72.1 66.2 99.4

174 105.3 80.9 121.3





#47

Bromodichloromethane

Concen: 41.677 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.012 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

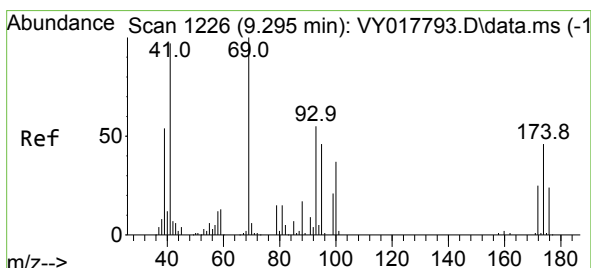
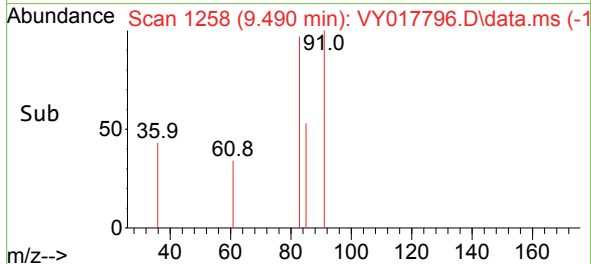
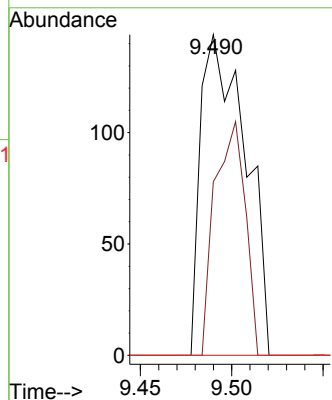
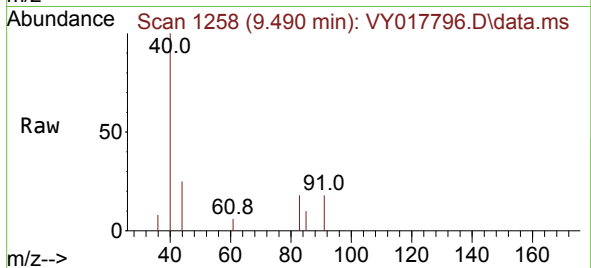
Tgt Ion: 83 Resp: 246

Ion Ratio Lower Upper

83 100

85 54.2 50.1 75.1

127 0.0 7.4 11.0#



#48

Methyl methacrylate

Concen: 66.552 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

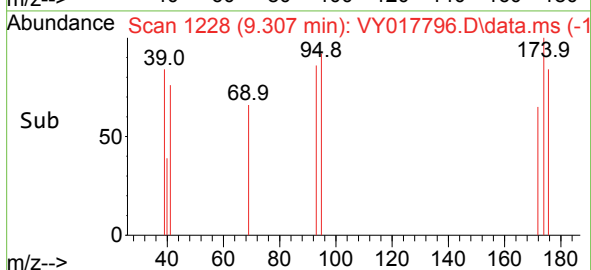
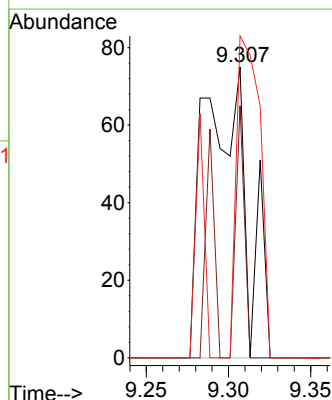
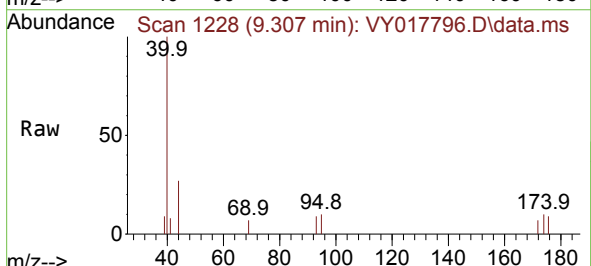
Tgt Ion: 41 Resp: 134

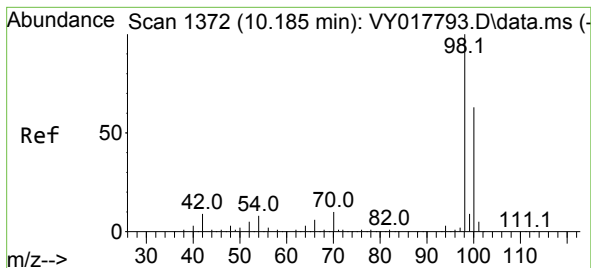
Ion Ratio Lower Upper

41 100

69 17.9 84.1 126.1#

39 61.9 43.6 65.4





#50

Toluene-d8

Concen: 104.970 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

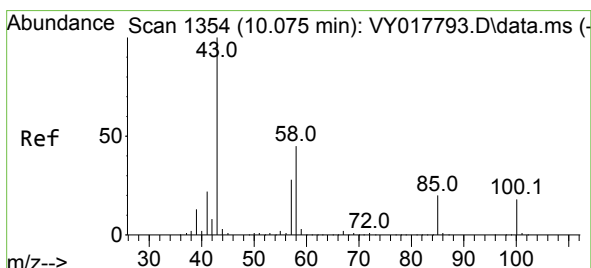
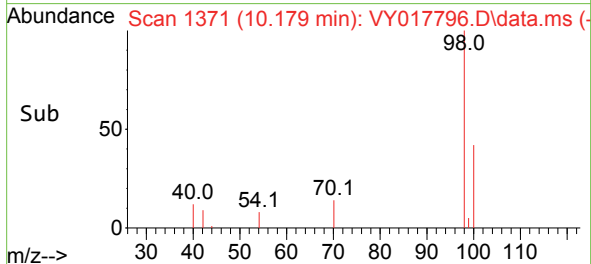
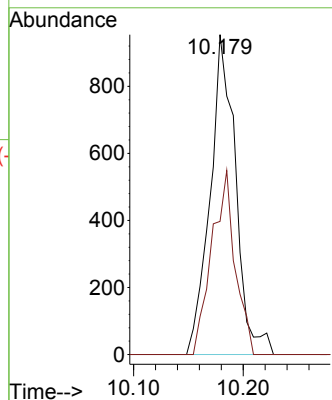
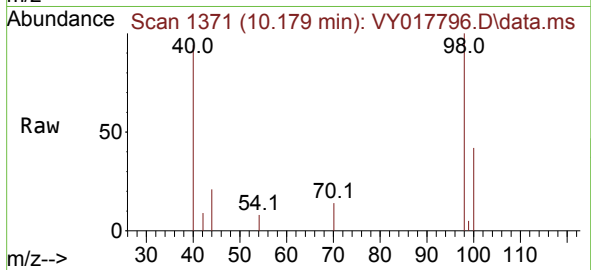
VIBLK

Tgt Ion: 98 Resp: 1543

Ion Ratio Lower Upper

98 100

100 52.6 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 477.490 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.006 min

Lab File: VY017796.D

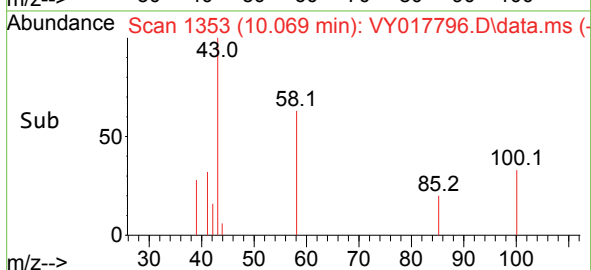
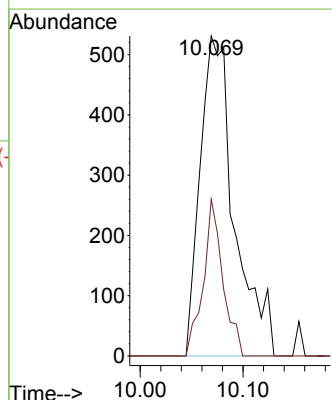
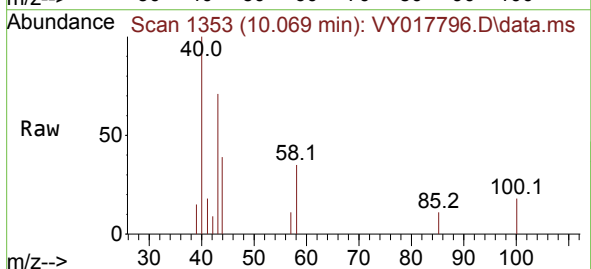
Acq: 29 Mar 2024 17:22

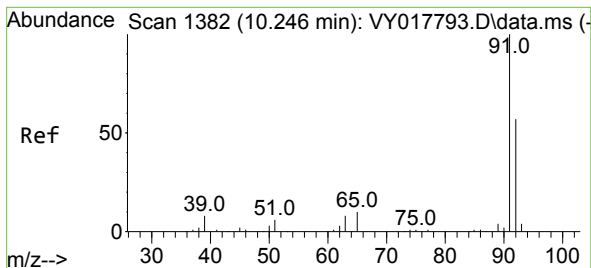
Tgt Ion: 43 Resp: 1229

Ion Ratio Lower Upper

43 100

58 28.0 35.7 53.5#





#52

Toluene

Concen: 68.388 ug/l

RT: 10.246 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

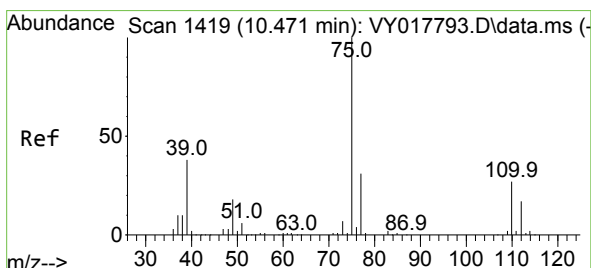
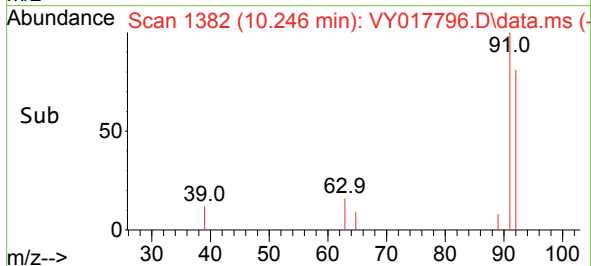
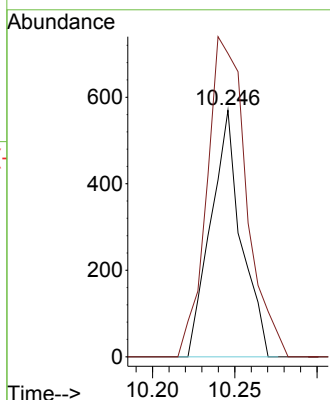
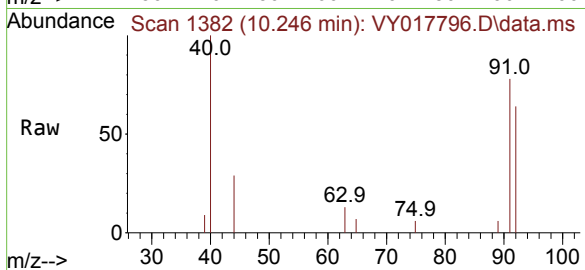
VIBLK

Tgt Ion: 92 Resp: 734

Ion Ratio Lower Upper

92 100

91 168.7 139.0 208.6



#53

t-1,3-Dichloropropene

Concen: 102.655 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. -0.006 min

Lab File: VY017796.D

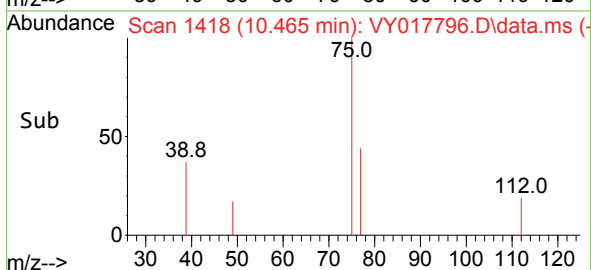
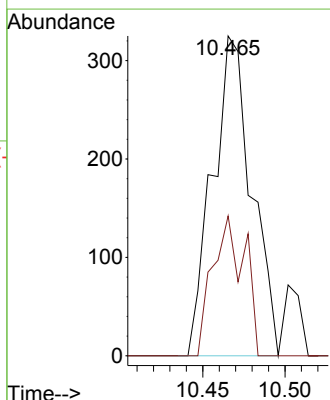
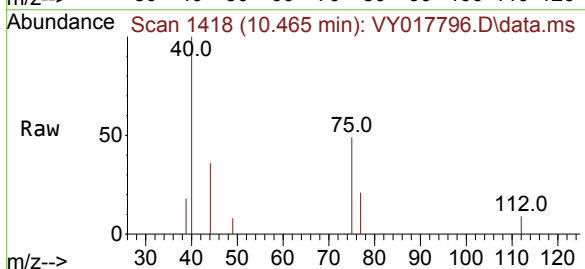
Acq: 29 Mar 2024 17:22

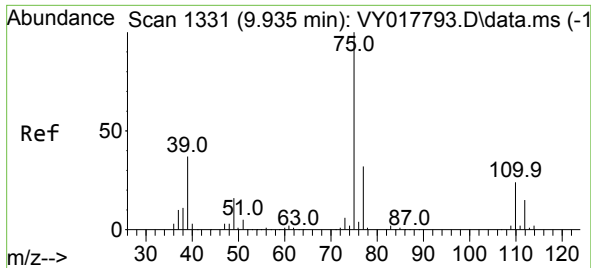
Tgt Ion: 75 Resp: 538

Ion Ratio Lower Upper

75 100

77 43.7 24.1 36.1#

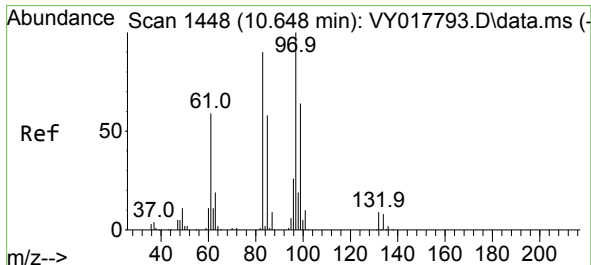
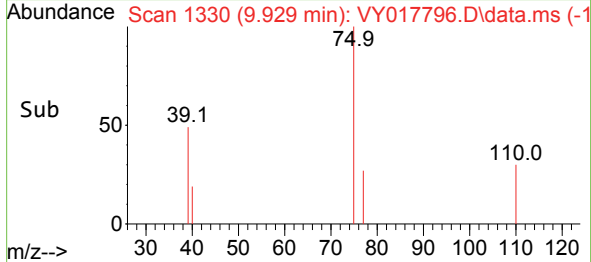
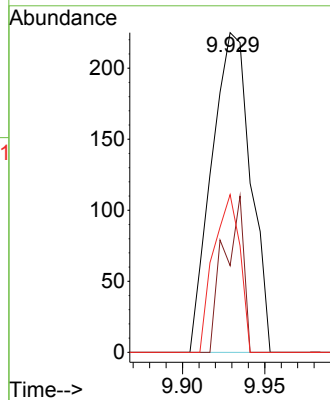
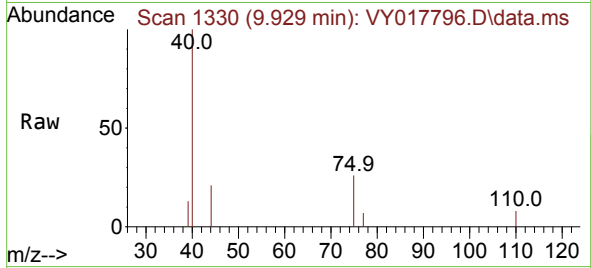




#54
cis-1,3-Dichloropropene
Concen: 58.002 ug/l
RT: 9.929 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

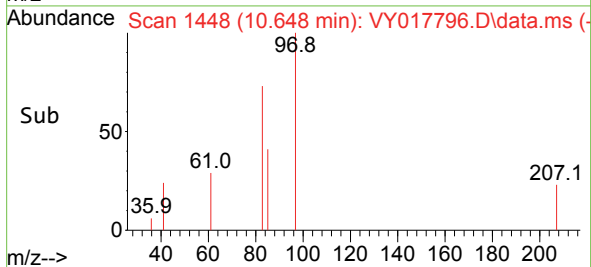
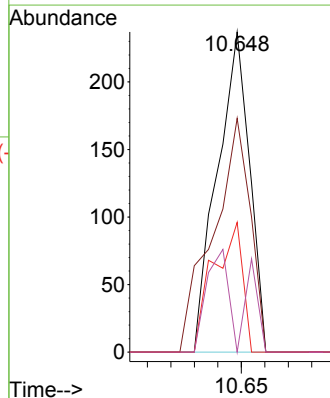
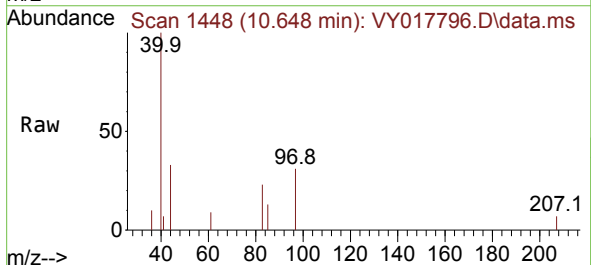
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

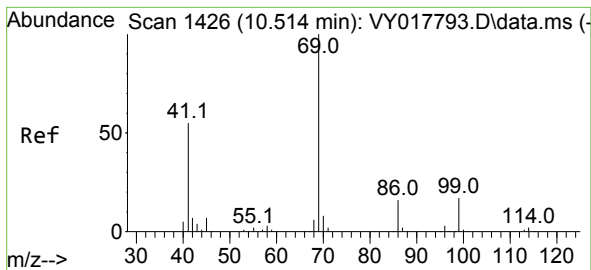
Tgt Ion:	75	Resp:	371
Ion	Ratio	Lower	Upper
75	100		
77	27.1	25.4	38.0
39	49.3	29.8	44.6#



#55
1,1,2-Trichloroethane
Concen: 72.607 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion:	97	Resp:	226
Ion	Ratio	Lower	Upper
97	100		
83	73.0	67.5	101.3
85	40.5	42.9	64.3#
99	0.0	46.6	70.0#





#56

Ethyl methacrylate

Concen: 36.602 ug/l

RT: 10.514 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

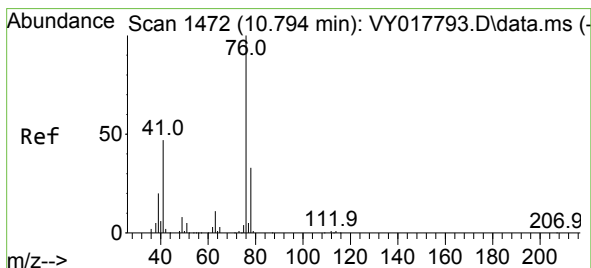
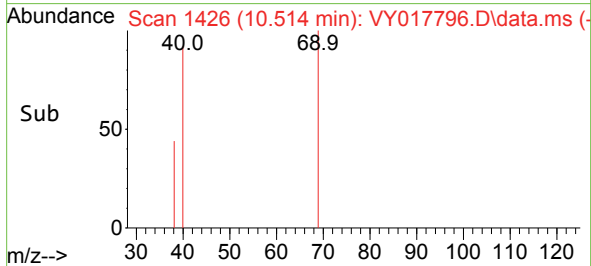
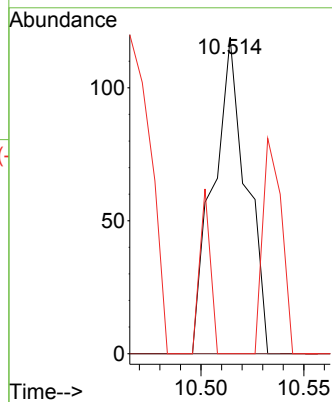
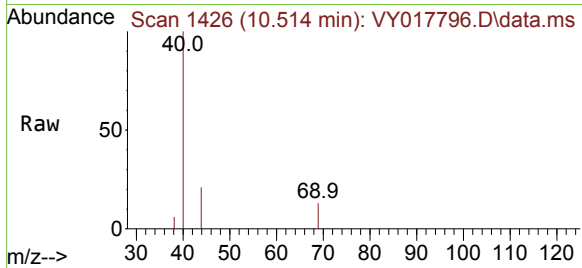
Tgt Ion: 69 Resp: 133

Ion Ratio Lower Upper

69 100

41 0.0 42.3 63.5#

39 17.3 22.9 34.3#



#57

1,3-Dichloropropane

Concen: 71.423 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY017796.D

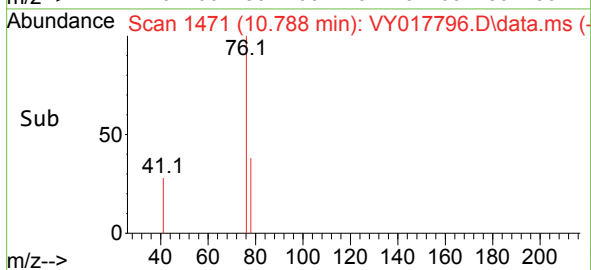
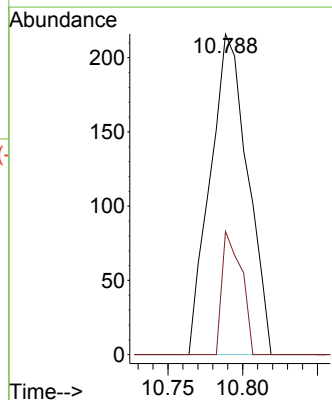
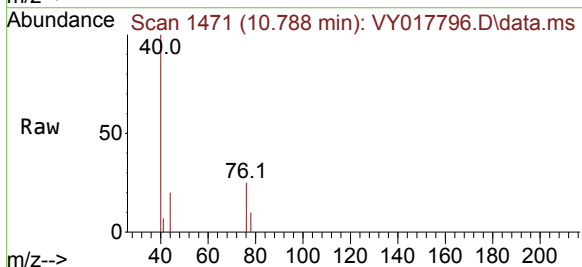
Acq: 29 Mar 2024 17:22

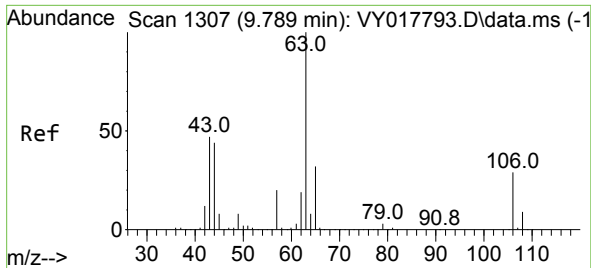
Tgt Ion: 76 Resp: 376

Ion Ratio Lower Upper

76 100

78 19.9 26.2 39.4#

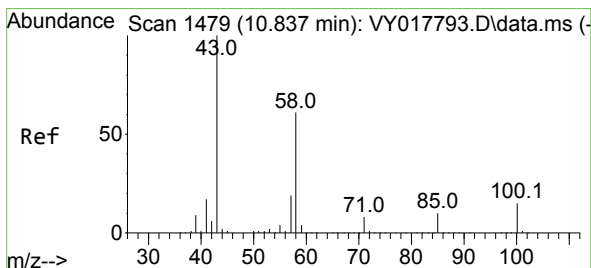
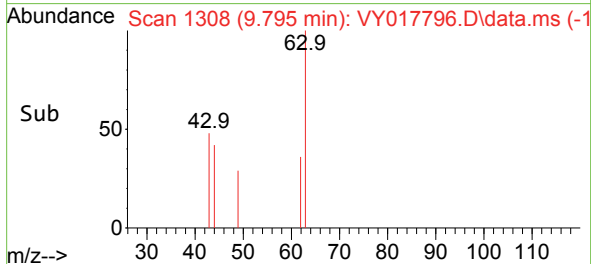
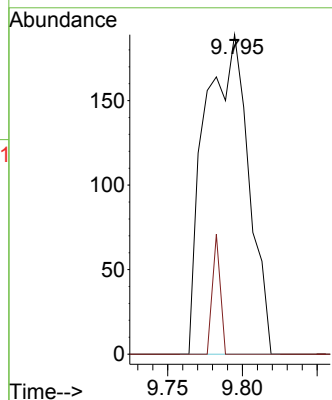
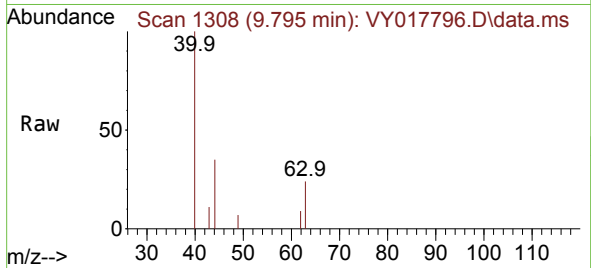




#58
2-Chloroethyl Vinyl ether
Concen: 205.422 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

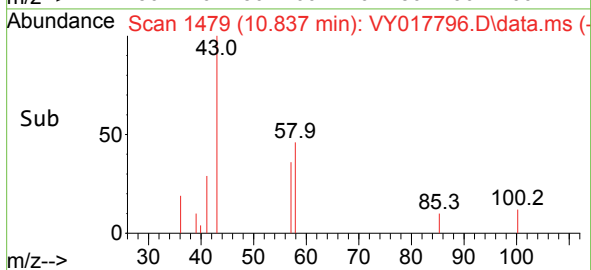
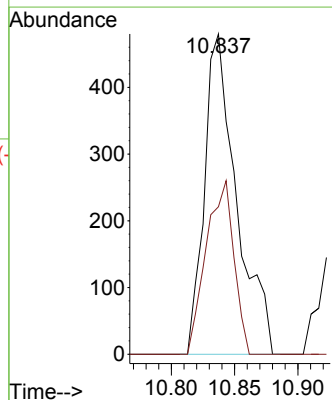
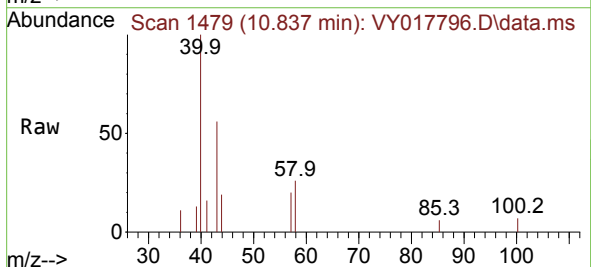
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

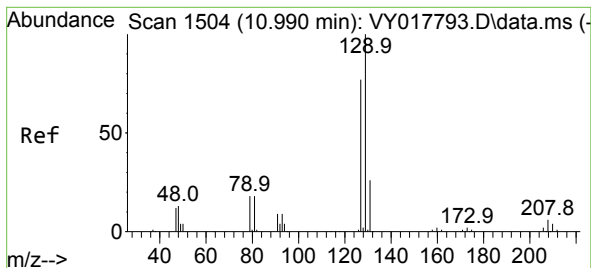
Tgt Ion: 63 Resp: 384
Ion Ratio Lower Upper
63 100
106 6.8 23.7 35.5#



#59
2-Hexanone
Concen: 465.311 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 46.6 31.4 94.0





#60

Dibromochloromethane

Concen: 63.936 ug/l

RT: 10.984 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

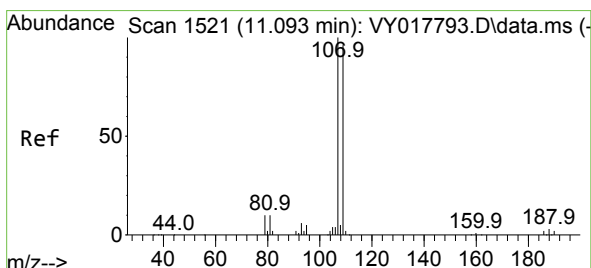
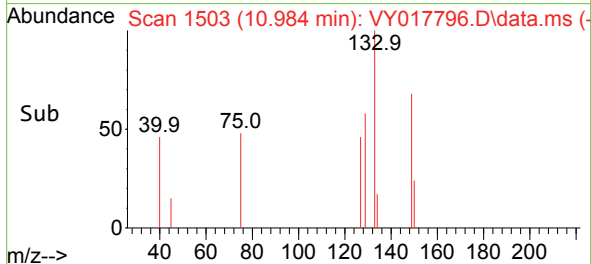
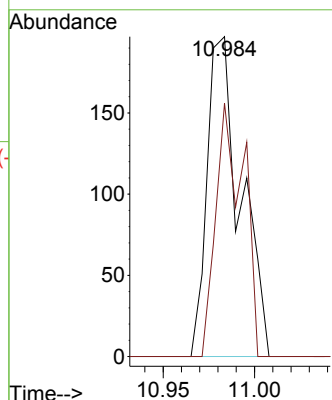
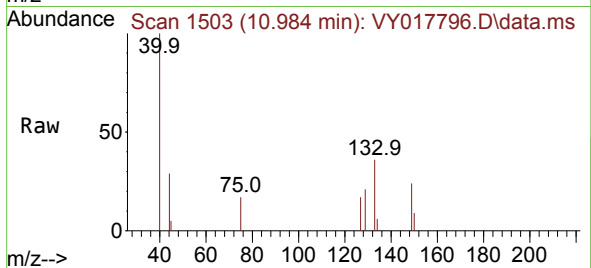
VIBLK

Tgt Ion:129 Resp: 251

Ion Ratio Lower Upper

129 100

127 65.3 39.0 117.0



#61

1,2-Dibromoethane

Concen: 153.263 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. -0.006 min

Lab File: VY017796.D

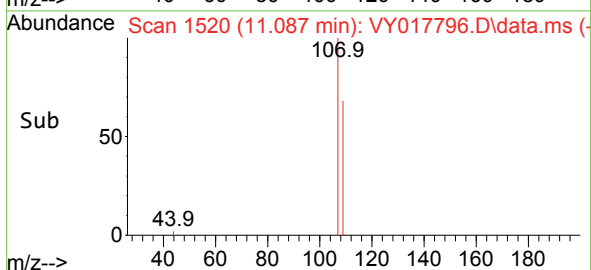
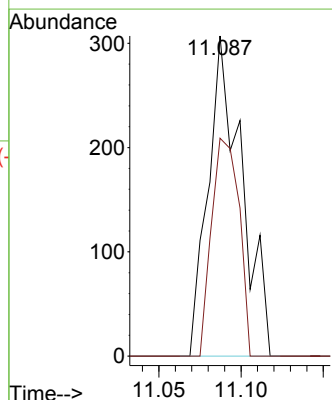
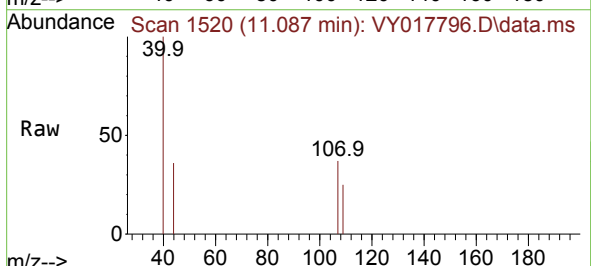
Acq: 29 Mar 2024 17:22

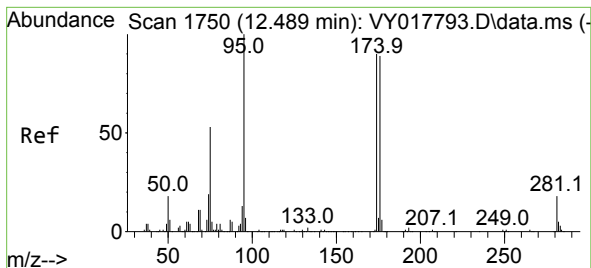
Tgt Ion:107 Resp: 435

Ion Ratio Lower Upper

107 100

109 55.6 75.9 113.9#

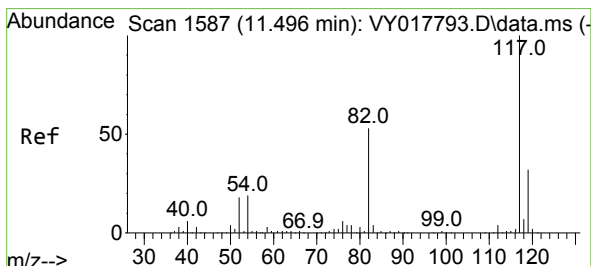
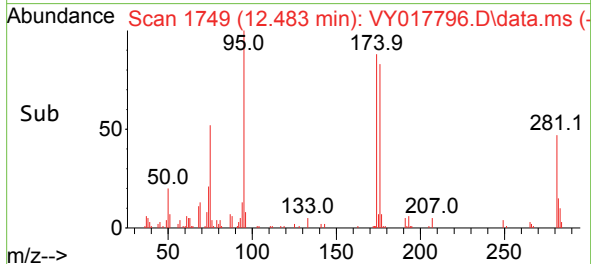
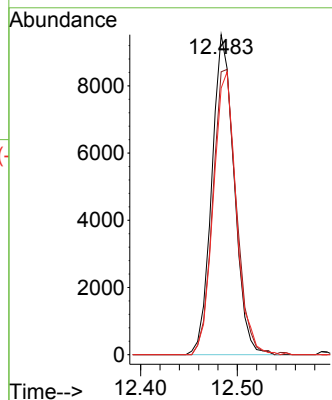
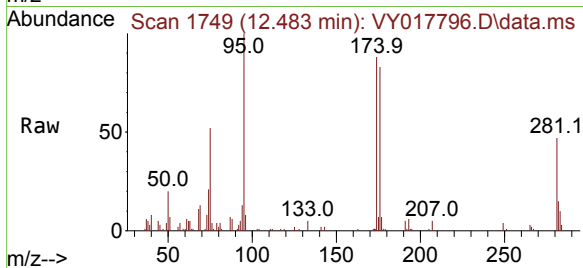




#62
4-Bromofluorobenzene
Concen: 3418.619 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

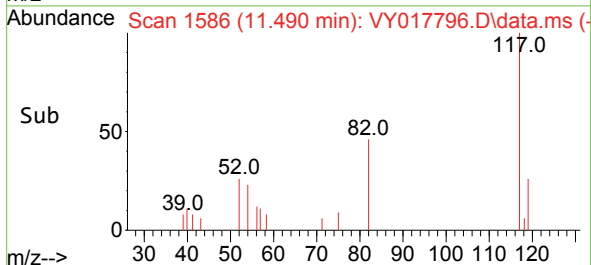
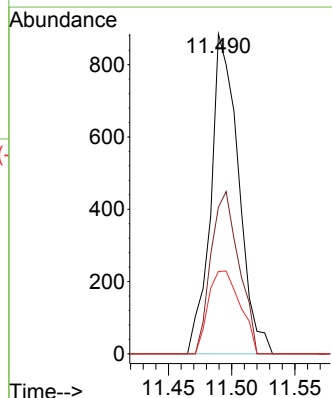
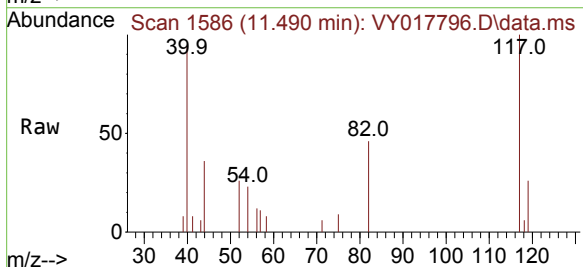
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

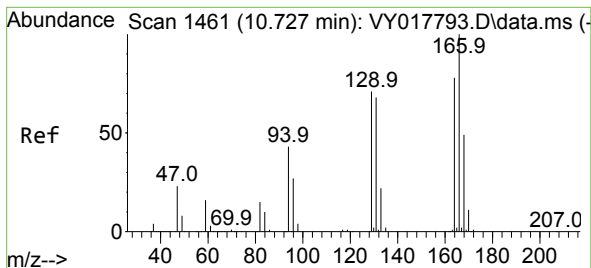
Tgt Ion: 95 Resp: 15289
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 90.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 117 Resp: 1349
Ion Ratio Lower Upper
117 100
82 45.9 42.4 63.6
119 25.8 25.9 38.9#





#64

Tetrachloroethene

Concen: 41.390 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion:164 Resp: 487

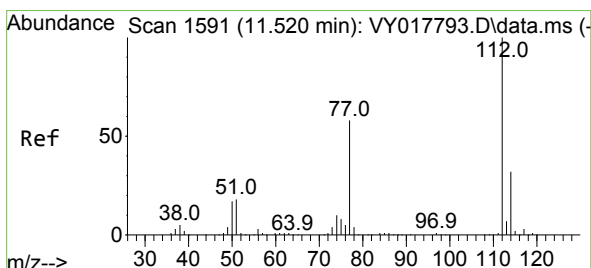
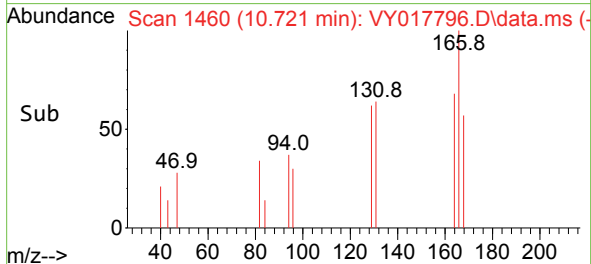
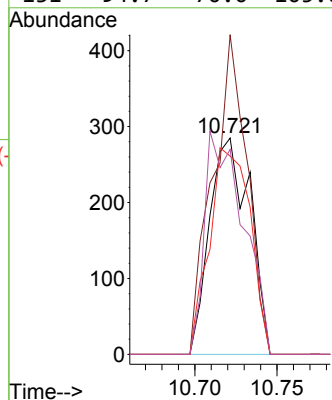
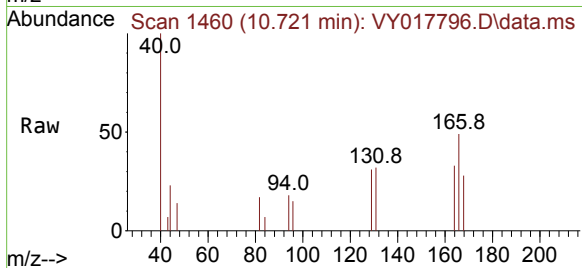
Ion Ratio Lower Upper

164 100

166 147.7 102.6 154.0

129 91.6 72.0 108.0

131 94.7 70.0 105.0



#65

Chlorobenzene

Concen: 63.565 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY017796.D

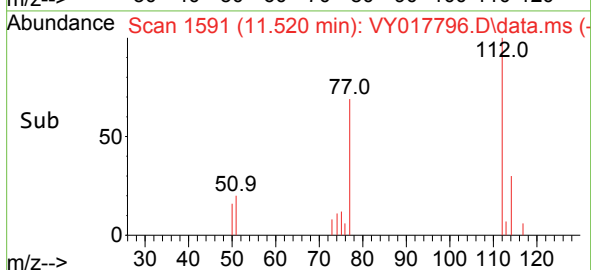
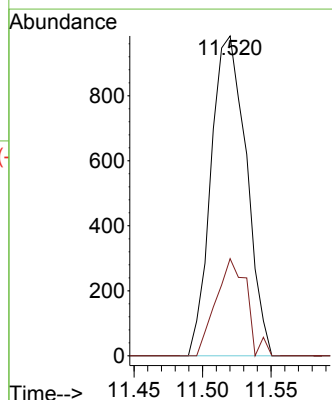
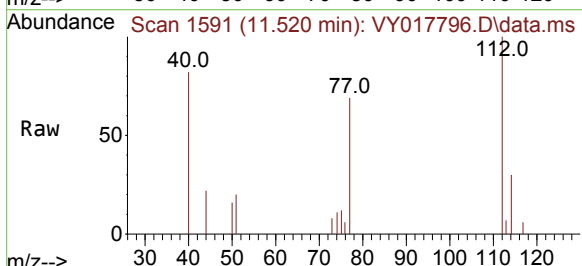
Acq: 29 Mar 2024 17:22

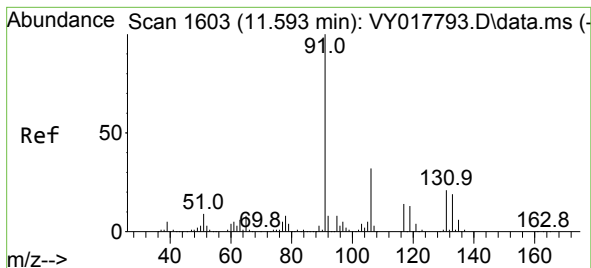
Tgt Ion:112 Resp: 1759

Ion Ratio Lower Upper

112 100

114 30.4 26.4 39.6

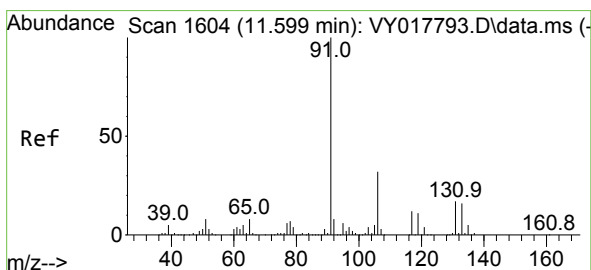
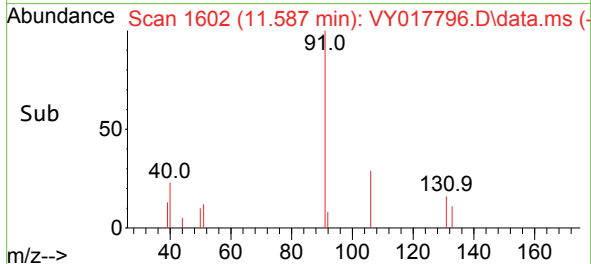
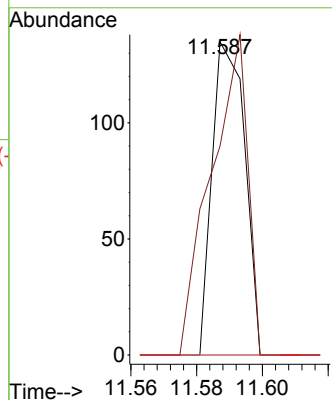
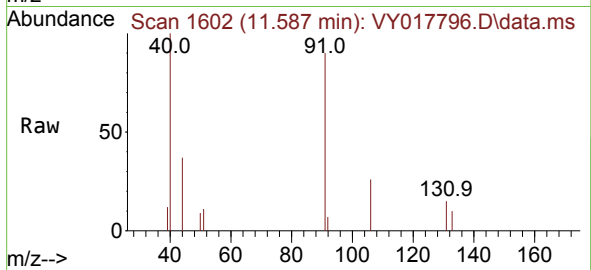




#66
 1,1,1,2-Tetrachloroethane
 Concen: 9.898 ug/l
 RT: 11.587 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY017796.D
 Acq: 29 Mar 2024 17:22

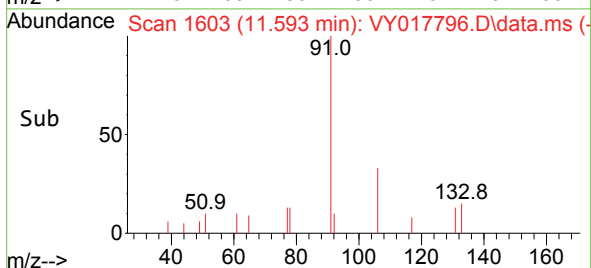
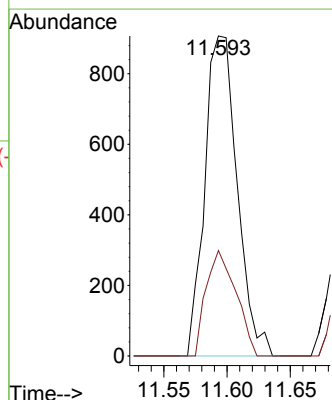
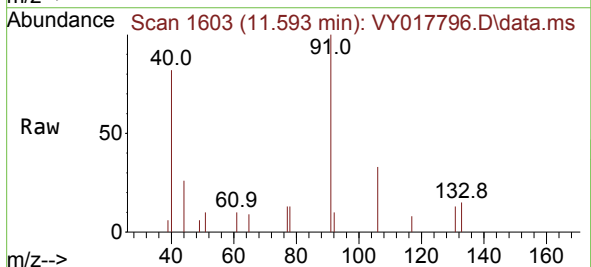
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

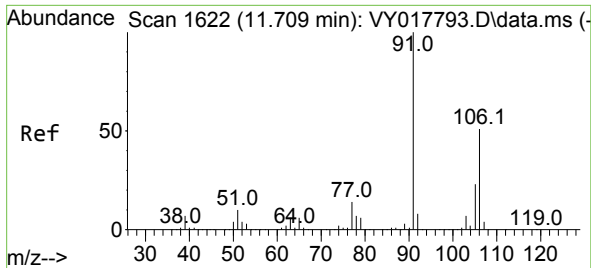
Tgt Ion:131 Resp: 93
 Ion Ratio Lower Upper
 131 100
 133 114.0 47.8 143.3
 119 0.0 34.1 102.2#



#67
 Ethyl Benzene
 Concen: 33.991 ug/l
 RT: 11.593 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: VY017796.D
 Acq: 29 Mar 2024 17:22

Tgt Ion: 91 Resp: 1617
 Ion Ratio Lower Upper
 91 100
 106 33.0 24.5 36.7

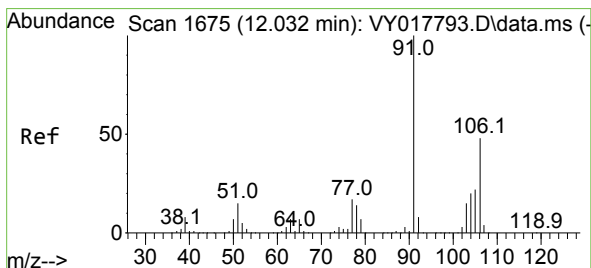
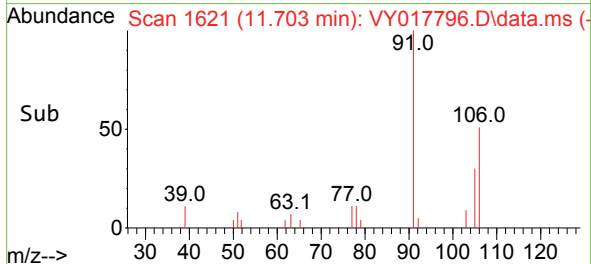
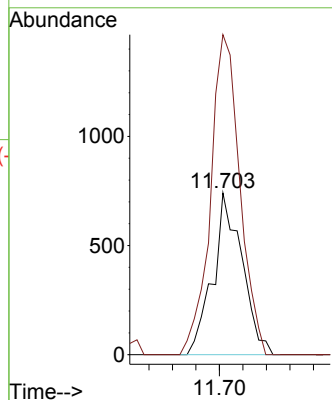
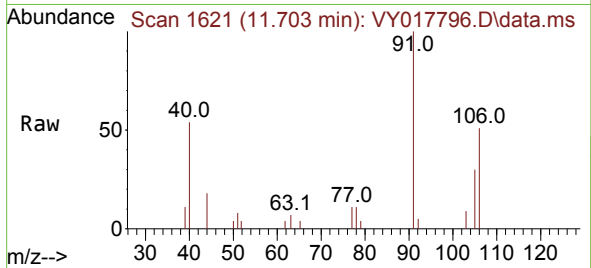




#68
m/p-Xylenes
Concen: 70.783 ug/l
RT: 11.703 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

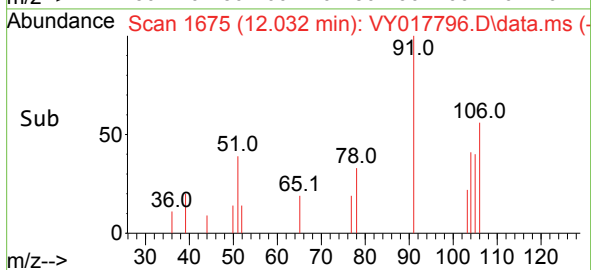
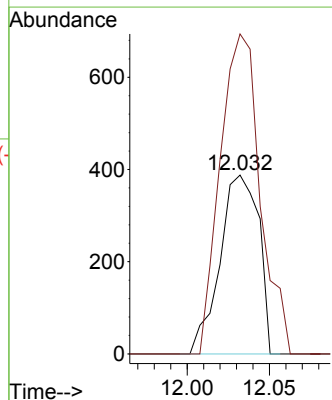
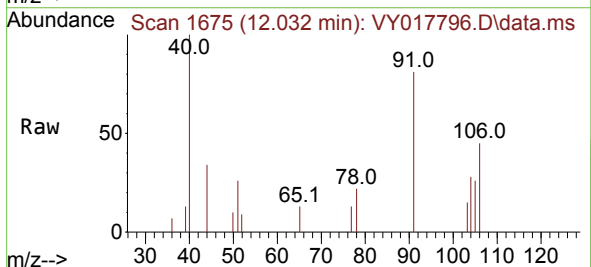
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

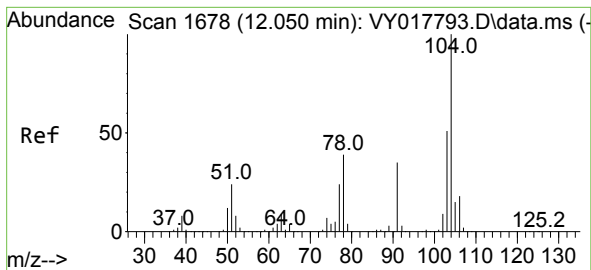
Tgt Ion:106 Resp: 1277
Ion Ratio Lower Upper
106 100
91 199.2 156.0 234.0



#69
o-Xylene
Concen: 43.626 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion:106 Resp: 637
Ion Ratio Lower Upper
106 100
91 184.1 103.6 310.8





#70

Styrene

Concen: 44.520 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

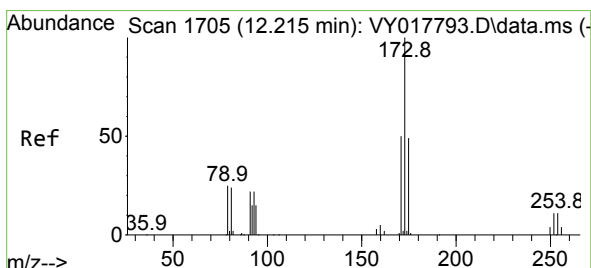
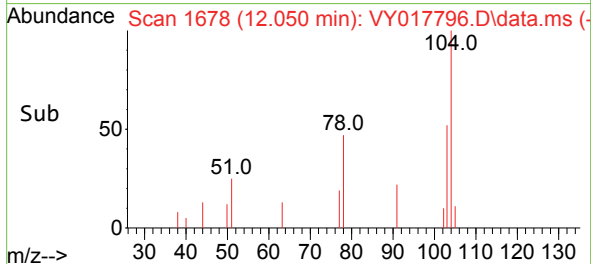
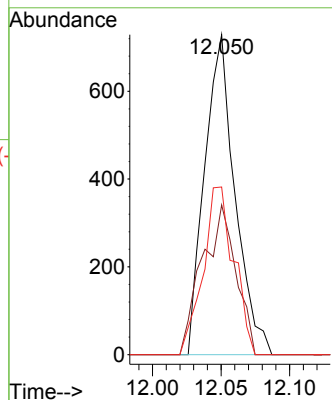
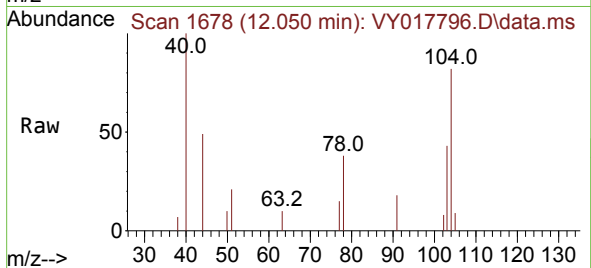
Tgt Ion:104 Resp: 1123

Ion Ratio Lower Upper

104 100

78 52.0 37.0 55.4

103 53.2 44.2 66.2



#71

Bromoform

Concen: 39.168 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

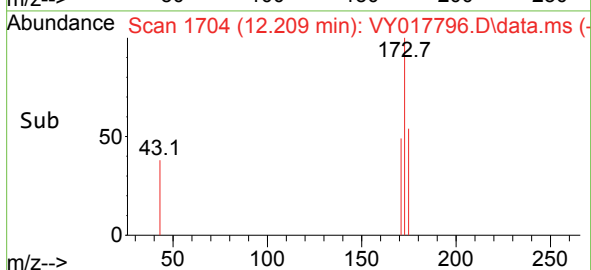
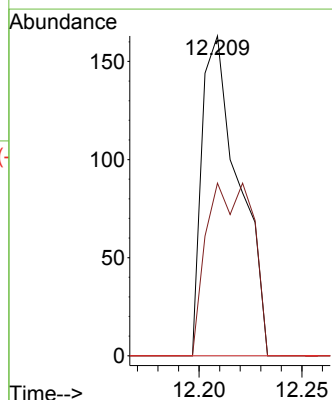
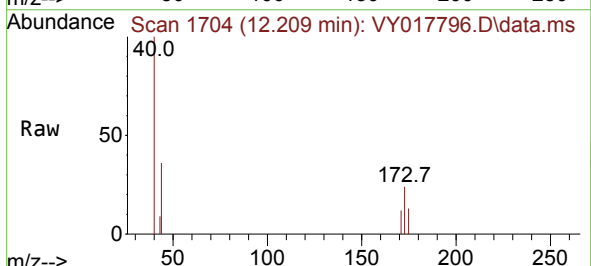
Tgt Ion:173 Resp: 204

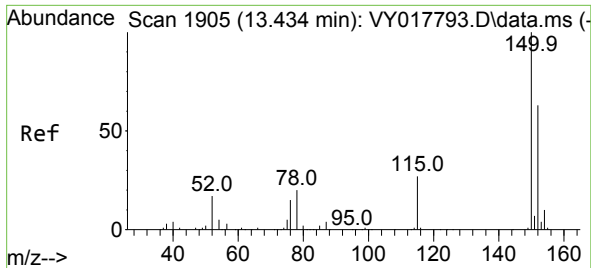
Ion Ratio Lower Upper

173 100

175 67.6 25.1 75.3

254 0.0 0.0 0.0

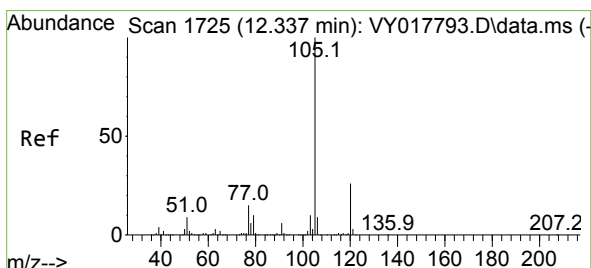
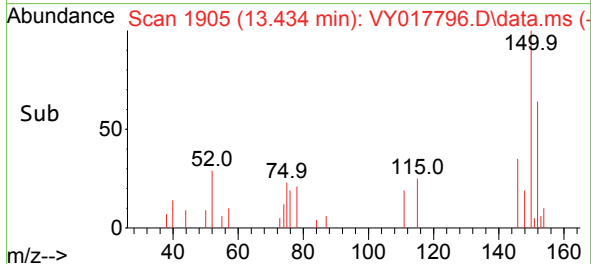
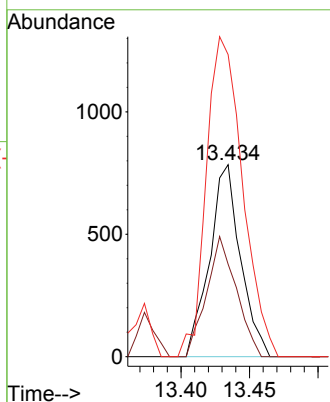
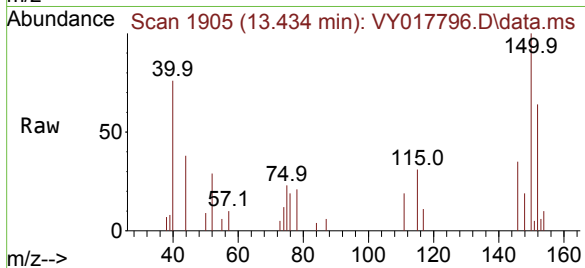




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

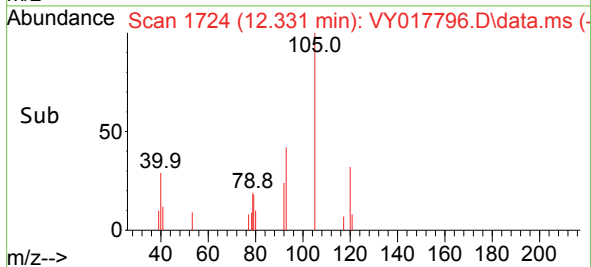
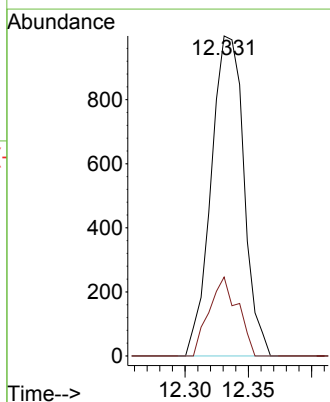
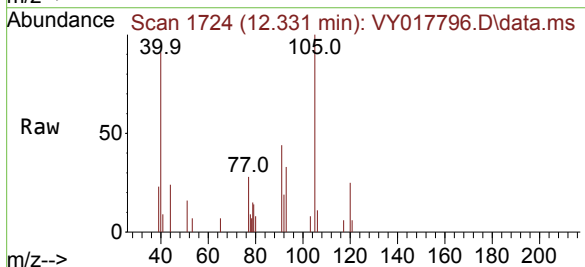
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

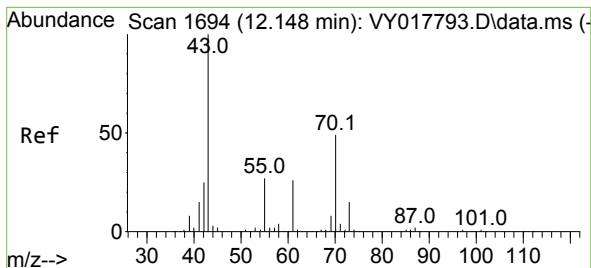
Tgt Ion:152 Resp: 1230
Ion Ratio Lower Upper
152 100
115 60.1 28.2 84.7
150 195.4 0.0 345.6



#73
Isopropylbenzene
Concen: 20.859 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.006 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion:105 Resp: 1798
Ion Ratio Lower Upper
105 100
120 21.7 13.4 40.1





#74

N-amy1 acetate

Concen: 51.698 ug/l

RT: 12.142 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

Tgt Ion: 43 Resp: 846

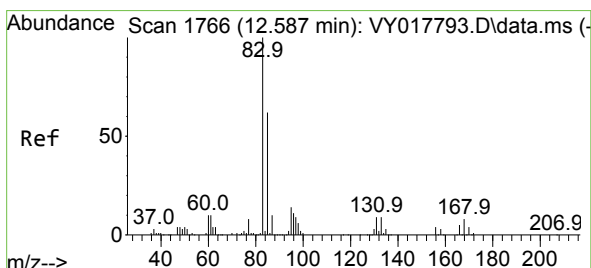
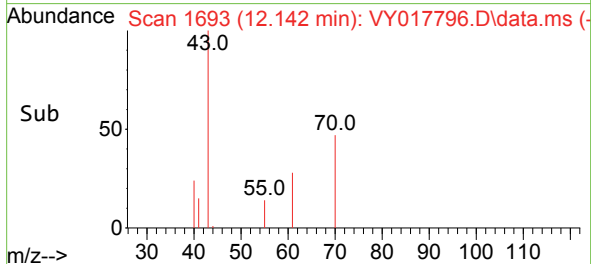
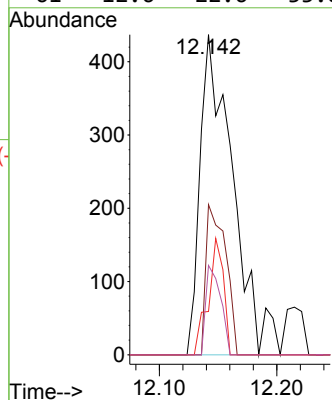
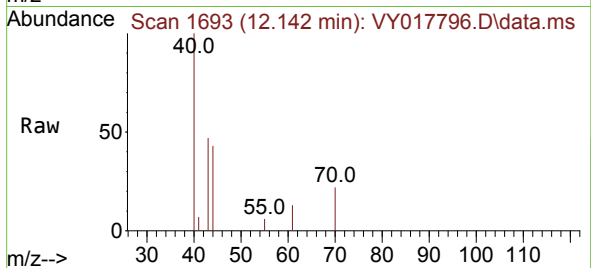
Ion Ratio Lower Upper

43 100

70 28.1 41.4 62.2#

55 16.9 23.3 34.9#

61 12.6 22.6 33.8#



#75

1,1,2,2-Tetrachloroethane

Concen: 22.266 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

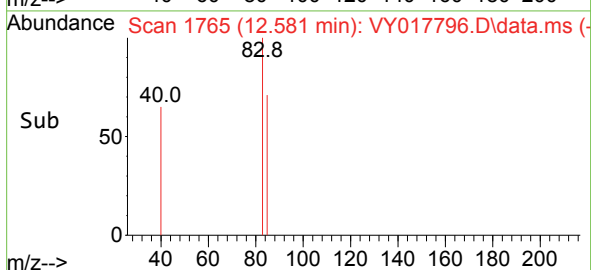
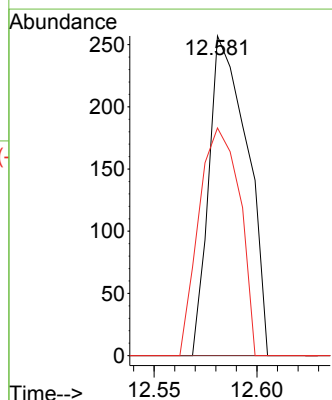
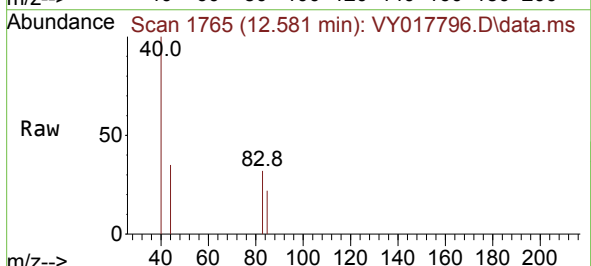
Tgt Ion: 83 Resp: 332

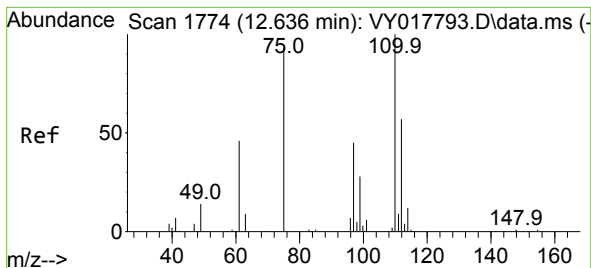
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 76.2 32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 57.825 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

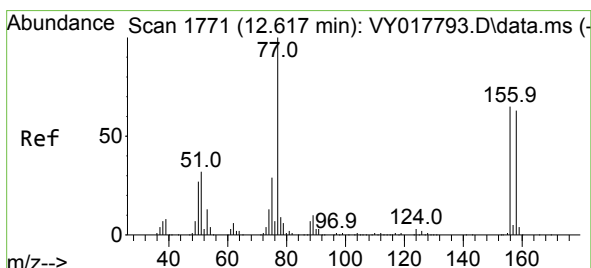
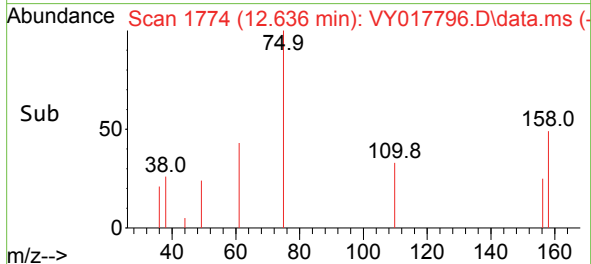
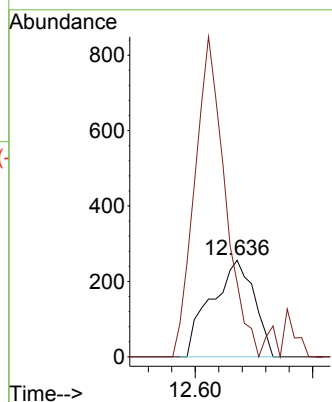
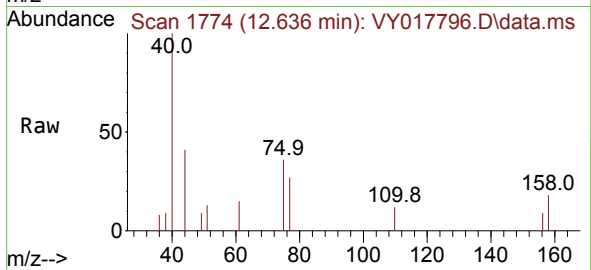
VIBLK

Tgt Ion: 75 Resp: 649

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 47.054 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

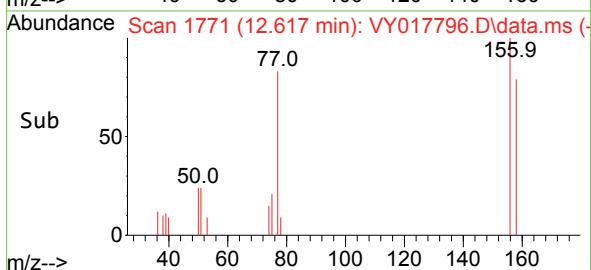
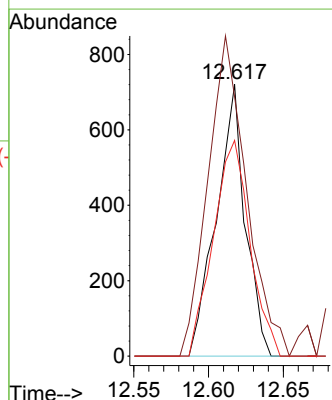
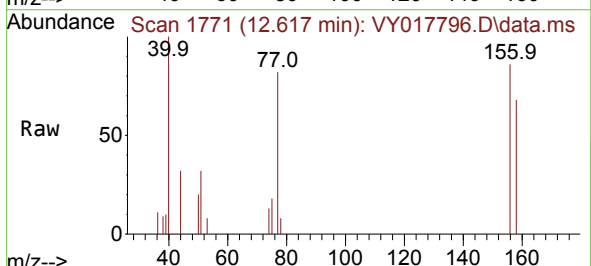
Tgt Ion: 156 Resp: 966

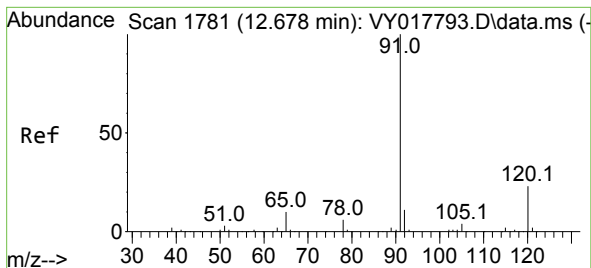
Ion Ratio Lower Upper

156 100

77 157.7 87.1 261.3

158 100.9 48.6 145.9





#78

n-propylbenzene

Concen: 25.052 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

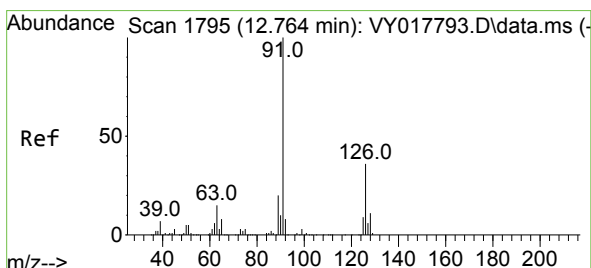
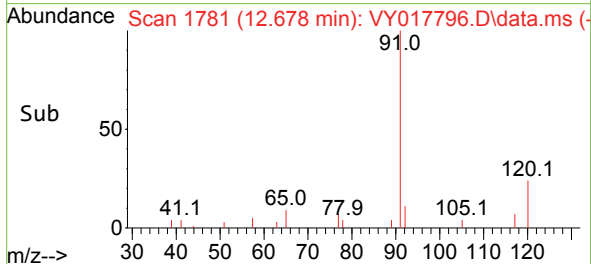
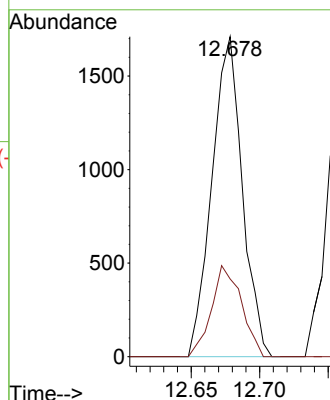
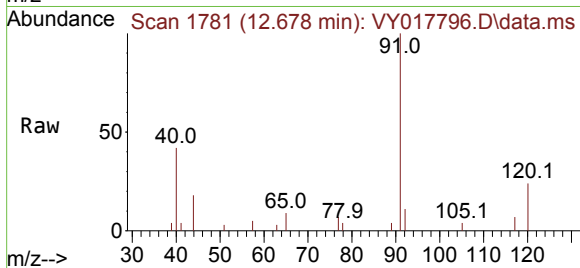
VIBLK

Tgt Ion: 91 Resp: 2635

Ion Ratio Lower Upper

91 100

120 28.1 11.5 34.4



#79

2-Chlorotoluene

Concen: 34.038 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY017796.D

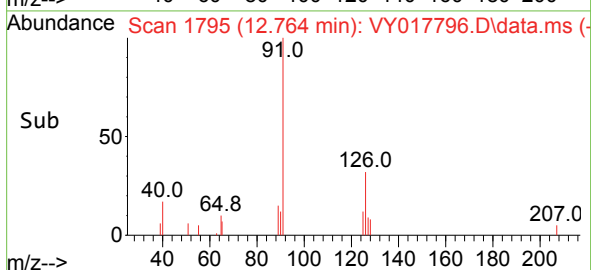
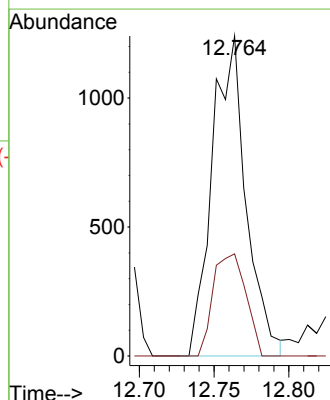
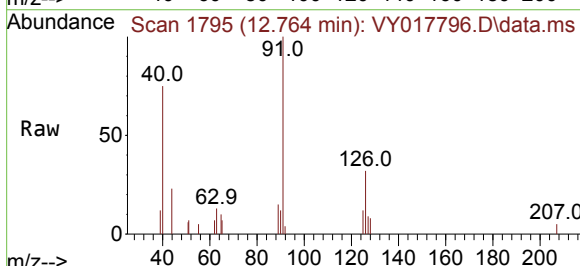
Acq: 29 Mar 2024 17:22

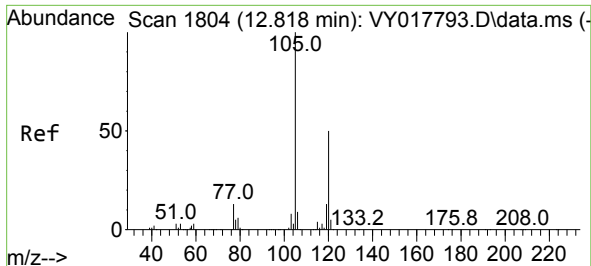
Tgt Ion: 91 Resp: 1961

Ion Ratio Lower Upper

91 100

126 30.7 17.8 53.5

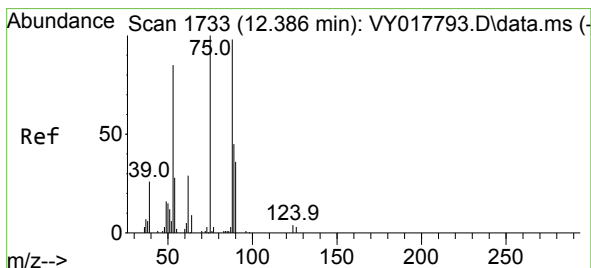
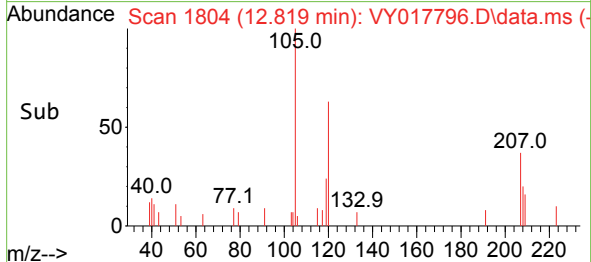
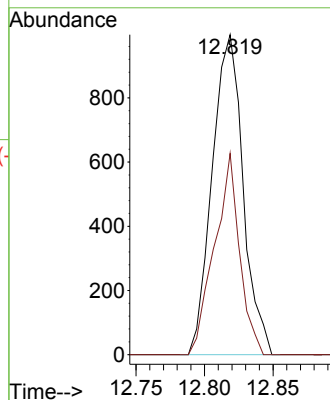
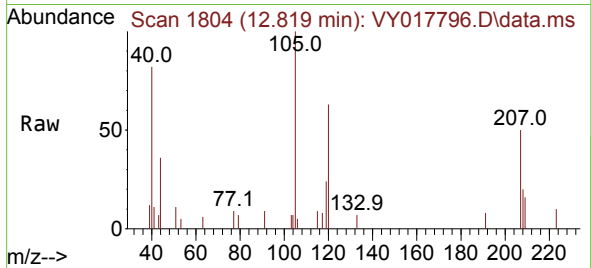




#80
1,3,5-Trimethylbenzene
Concen: 23.204 ug/l
RT: 12.819 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

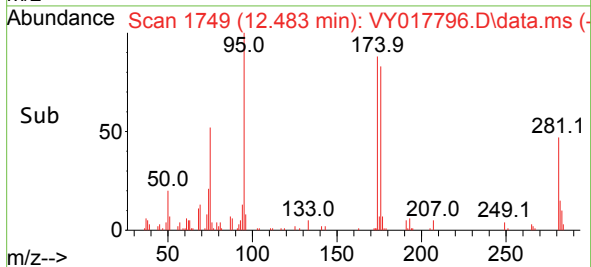
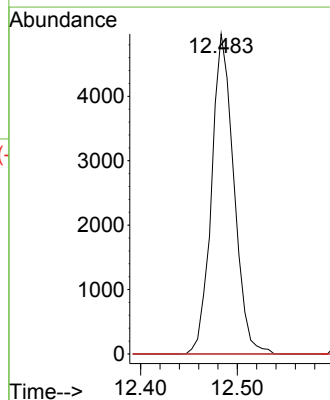
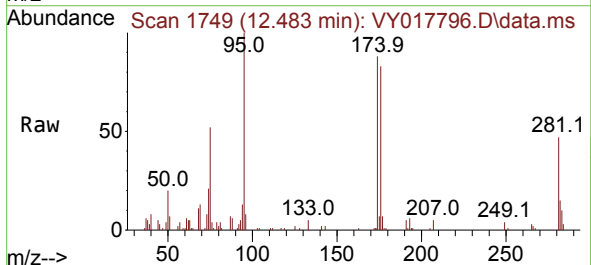
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

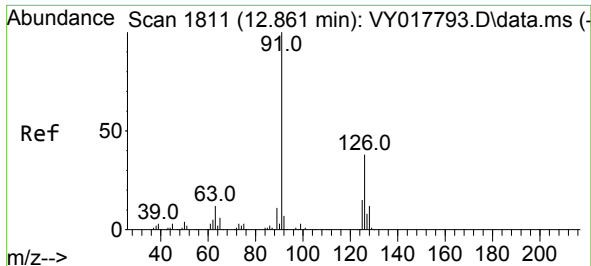
Tgt Ion:105 Resp: 1561
Ion Ratio Lower Upper
105 100
120 51.1 25.1 75.2



#81
trans-1,4-Dichloro-2-butene
Concen: 579.771 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 75 Resp: 7964
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

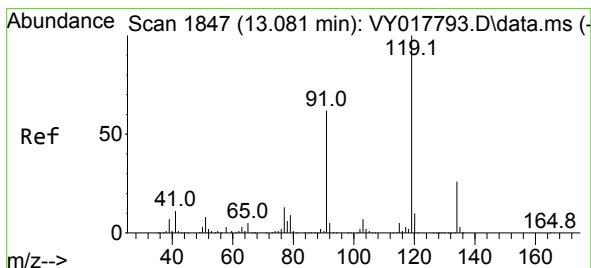
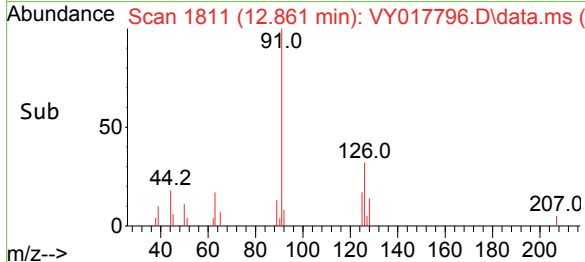
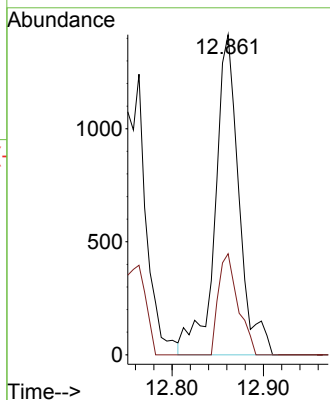
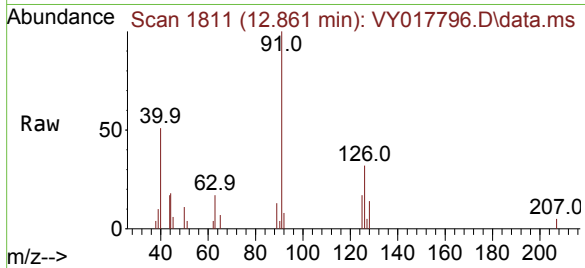




#82
4-Chlorotoluene
Concen: 43.064 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

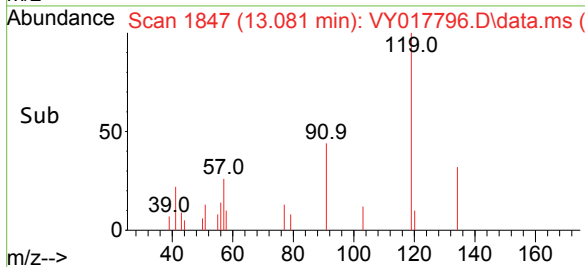
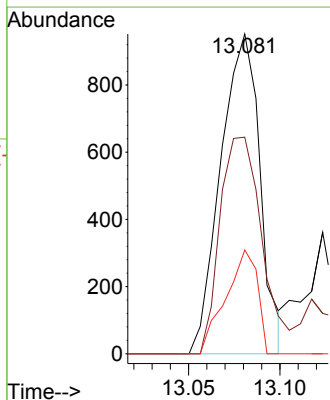
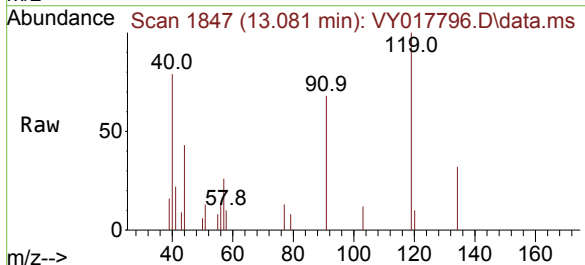
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

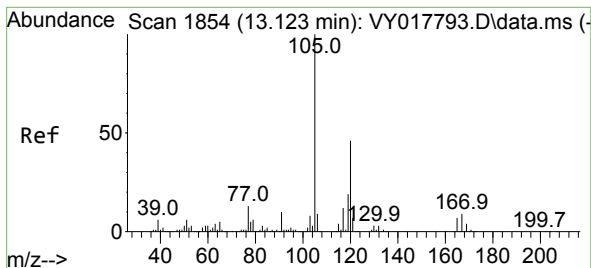
Tgt Ion: 91 Resp: 2569
Ion Ratio Lower Upper
91 100
126 26.0 17.6 52.9



#83
tert-Butylbenzene
Concen: 23.332 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 119 Resp: 1427
Ion Ratio Lower Upper
119 100
91 72.0 31.3 93.8
134 26.1 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 29.329 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

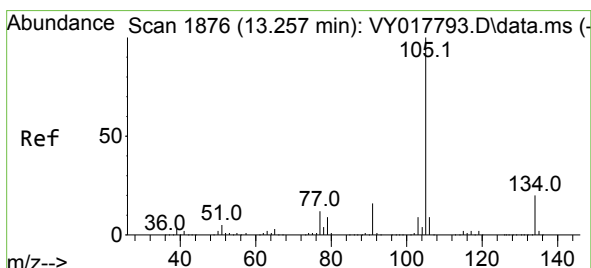
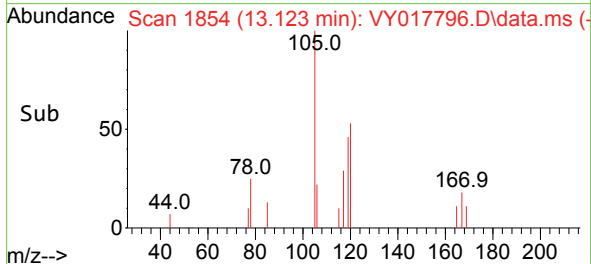
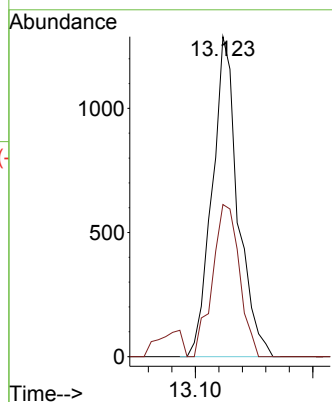
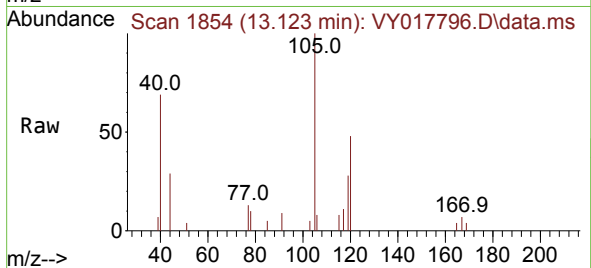
VIBLK

Tgt Ion:105 Resp: 1965

Ion Ratio Lower Upper

105 100

120 49.5 23.2 69.6



#85

sec-Butylbenzene

Concen: 24.445 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017796.D

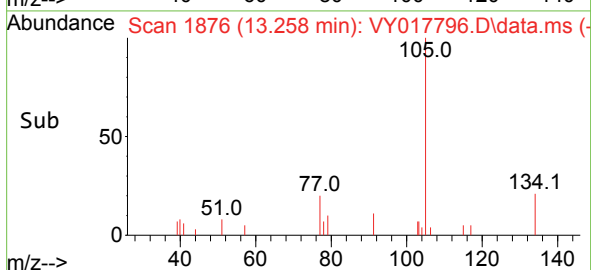
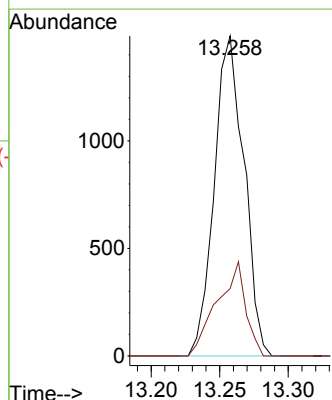
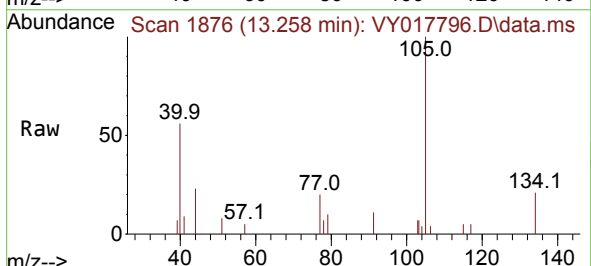
Acq: 29 Mar 2024 17:22

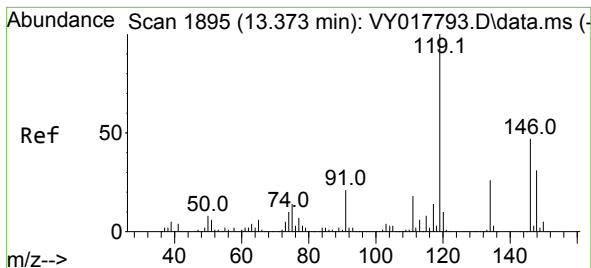
Tgt Ion:105 Resp: 2244

Ion Ratio Lower Upper

105 100

134 28.2 10.1 30.1





#86

p-Isopropyltoluene

Concen: 30.392 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

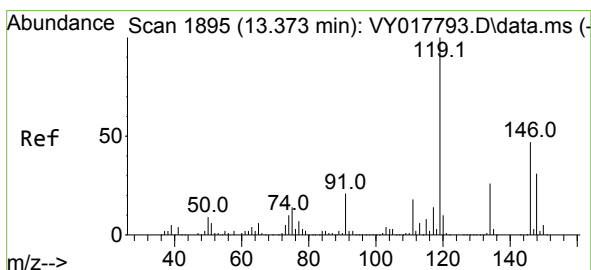
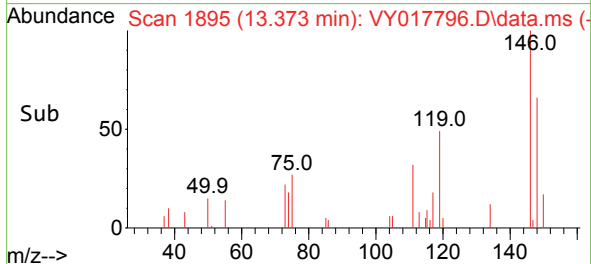
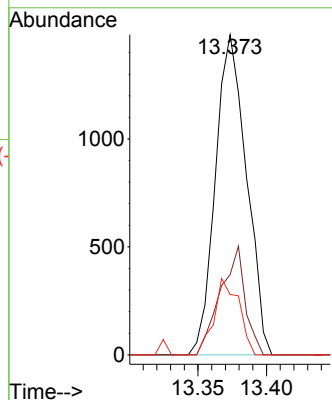
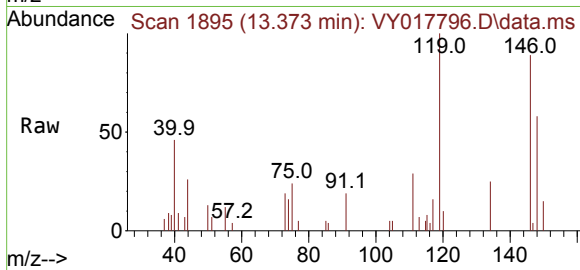
Tgt Ion:119 Resp: 2332

Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 19.0 10.7 32.1



#87

1,3-Dichlorobenzene

Concen: 58.621 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

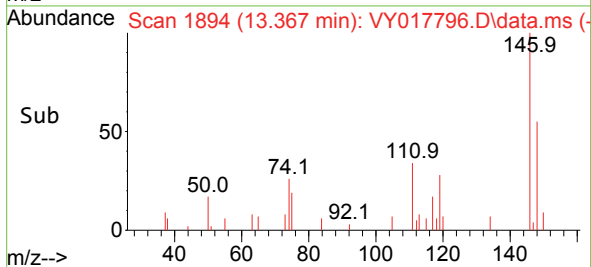
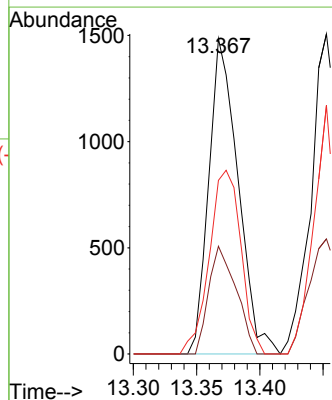
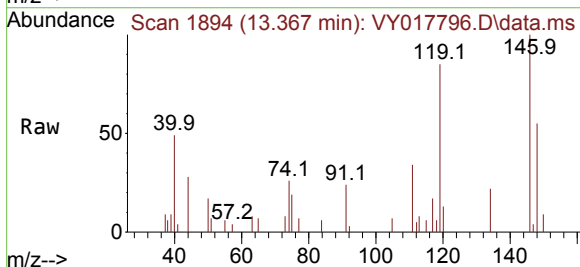
Tgt Ion:146 Resp: 2388

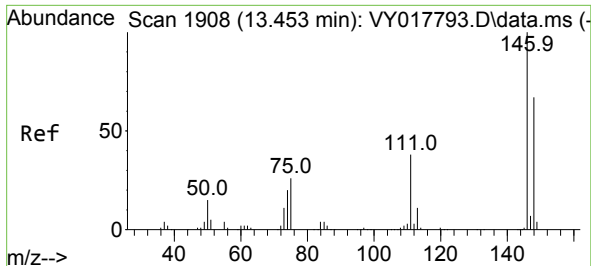
Ion Ratio Lower Upper

146 100

111 32.1 19.0 57.0

148 63.0 31.7 95.1

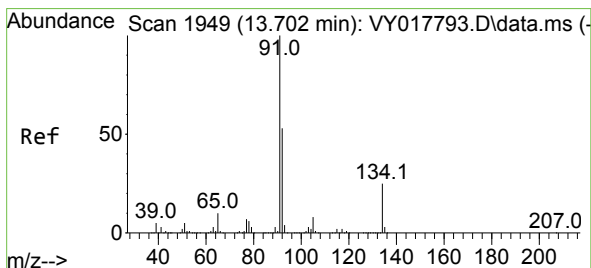
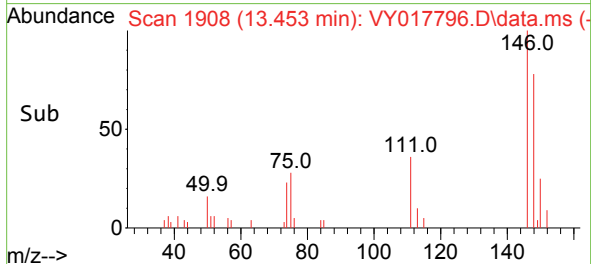
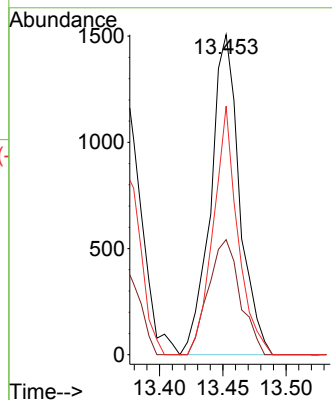
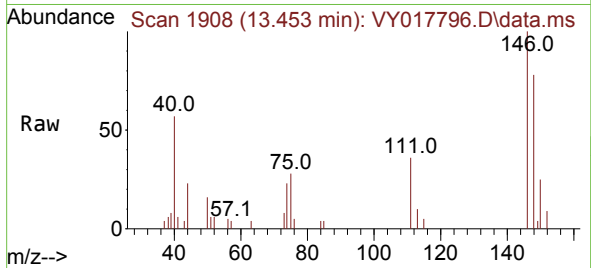




#88
1,4-Dichlorobenzene
Concen: 61.400 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

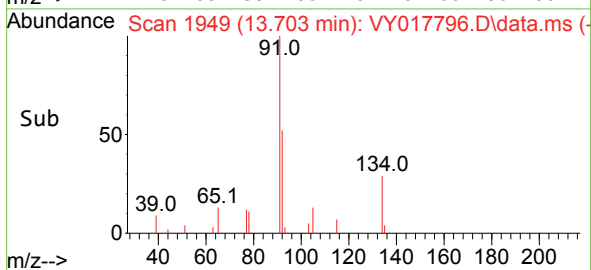
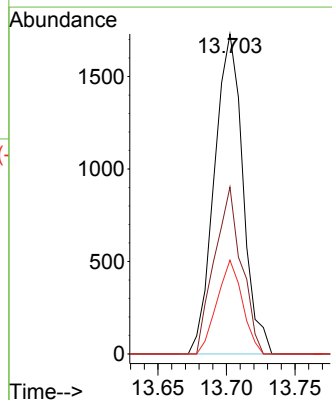
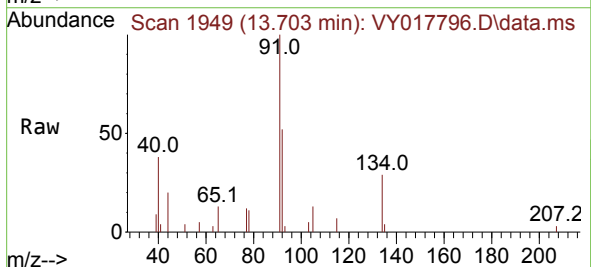
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

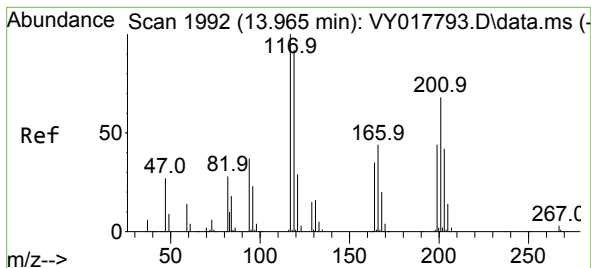
Tgt Ion:146 Resp: 2394
Ion Ratio Lower Upper
146 100
111 39.7 18.4 55.4
148 66.0 32.4 97.2



#89
n-Butylbenzene
Concen: 35.470 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 91 Resp: 2504
Ion Ratio Lower Upper
91 100
92 49.6 26.6 79.7
134 26.1 12.9 38.7





#90

Hexachloroethane

Concen: 23.136 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

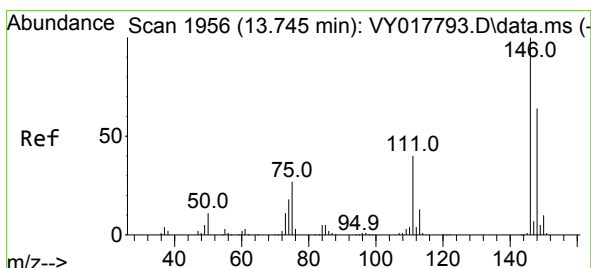
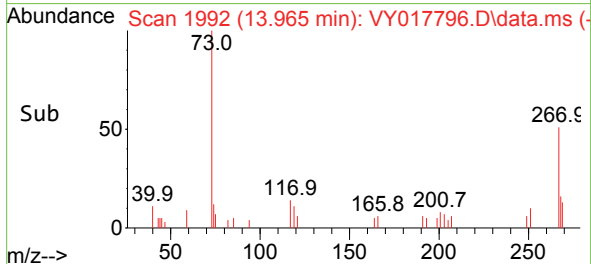
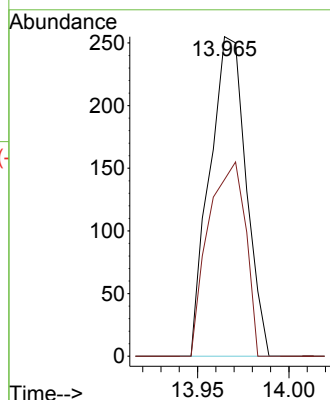
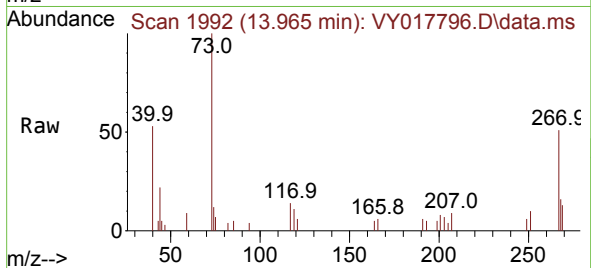
VIBLK

Tgt Ion:117 Resp: 353

Ion Ratio Lower Upper

117 100

201 62.3 37.4 112.2



#91

1,2-Dichlorobenzene

Concen: 63.287 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

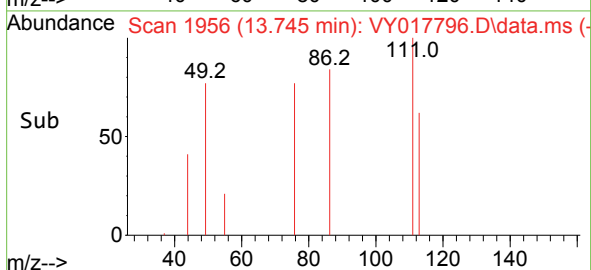
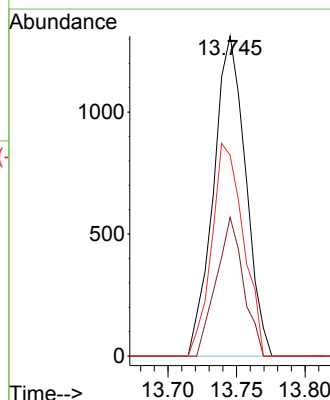
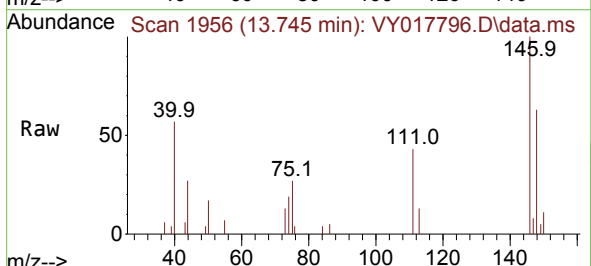
Tgt Ion:146 Resp: 2137

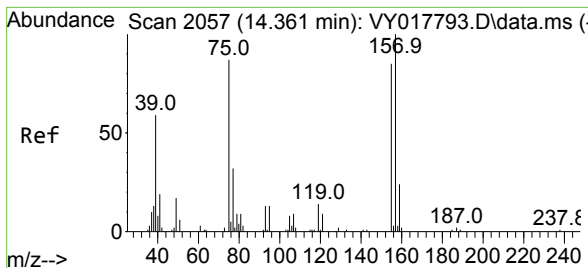
Ion Ratio Lower Upper

146 100

111 36.7 19.9 59.7

148 65.5 31.8 95.4

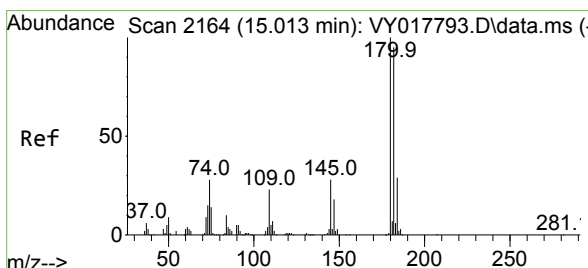
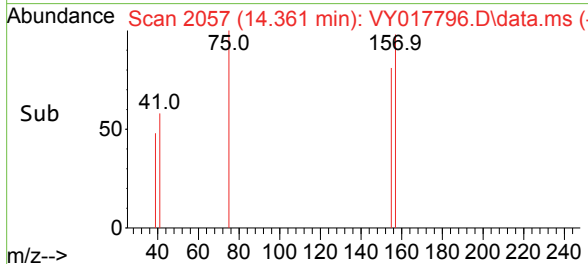
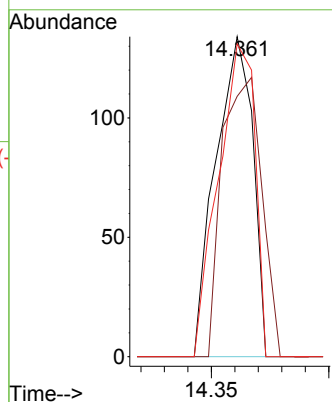
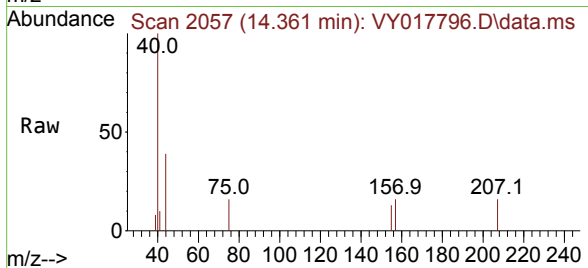




#92
1,2-Dibromo-3-Chloropropane
Concen: 72.955 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

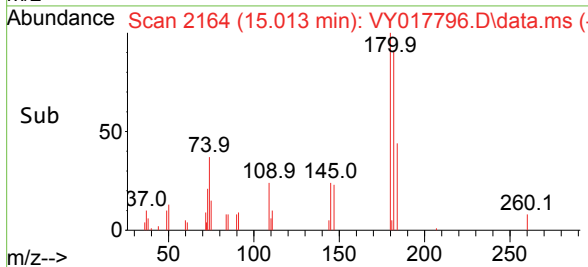
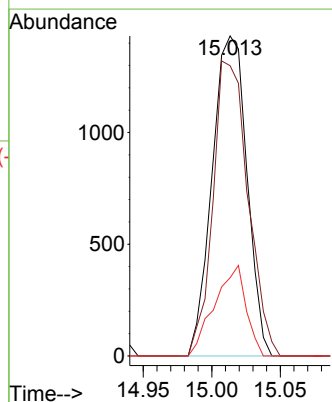
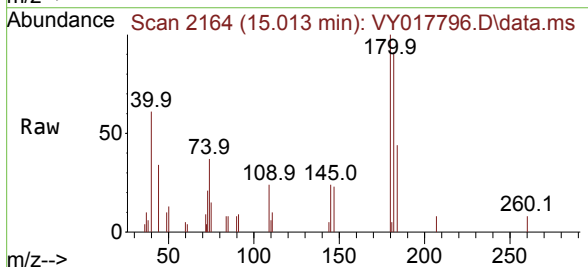
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

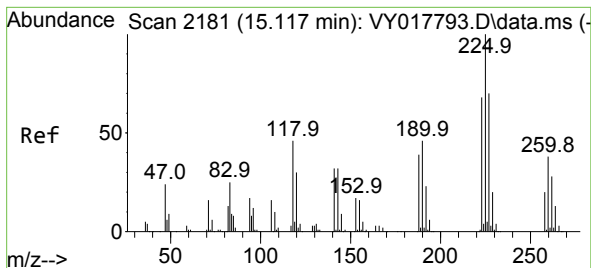
Tgt Ion: 75 Resp: 147
Ion Ratio Lower Upper
75 100
155 93.2 48.6 145.8
157 96.6 62.7 188.2



#93
1,2,4-Trichlorobenzene
Concen: 136.416 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VY017796.D
Acq: 29 Mar 2024 17:22

Tgt Ion: 180 Resp: 2523
Ion Ratio Lower Upper
180 100
182 93.0 47.9 143.8
145 25.6 14.2 42.6





#94

Hexachlorobutadiene

Concen: 97.130 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

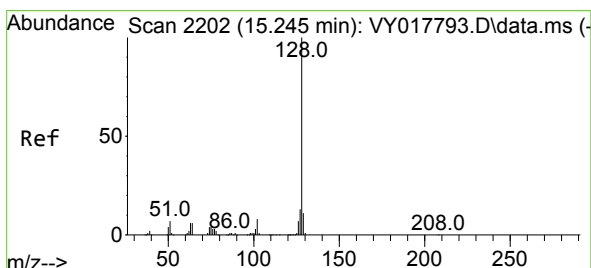
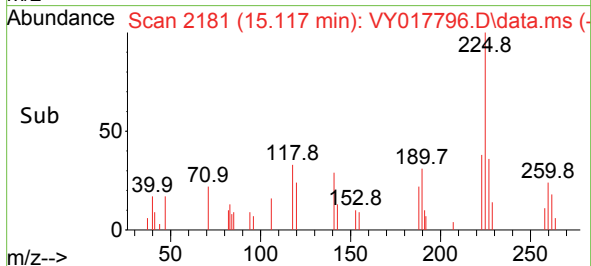
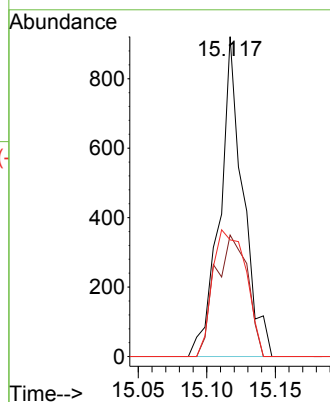
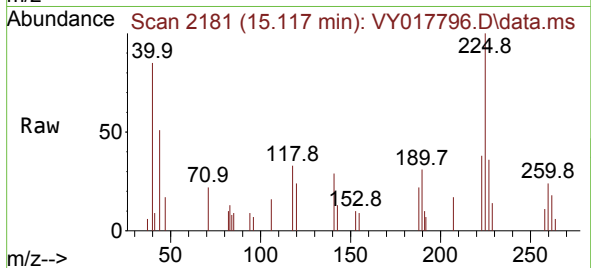
Tgt Ion:225 Resp: 1089

Ion Ratio Lower Upper

225 100

223 52.7 30.4 91.2

227 56.9 31.9 95.9



#95

Naphthalene

Concen: 138.534 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017796.D

Acq: 29 Mar 2024 17:22

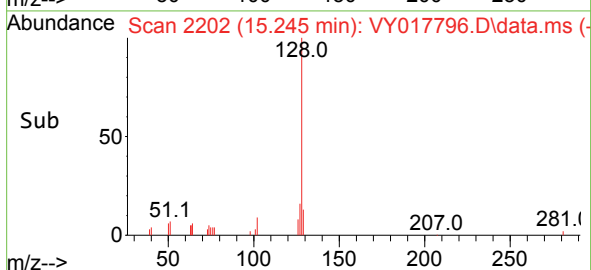
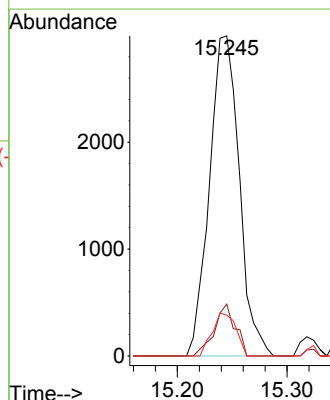
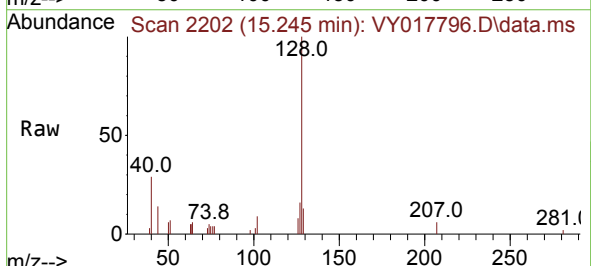
Tgt Ion:128 Resp: 5663

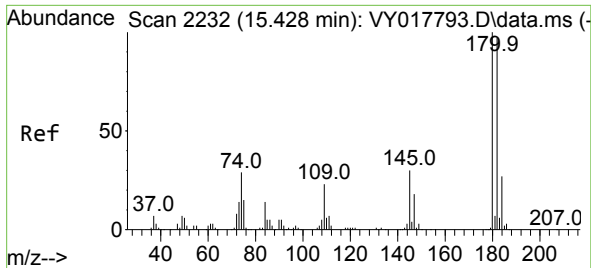
Ion Ratio Lower Upper

128 100

127 11.4 10.6 16.0

129 10.6 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 185.755 ug/l

RT: 15.434 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY017796.D

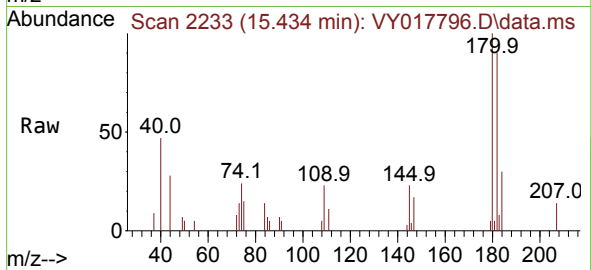
Acq: 29 Mar 2024 17:22

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:180 Resp: 2902

Ion Ratio Lower Upper

180 100

182 89.5 47.6 142.9

145 29.6 15.4 46.1

