

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031424\
 Data File : VY017655.D
 Acq On : 14 Mar 2024 09:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 15 03:53:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	173814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	265493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	233992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	60774	36.893	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.780%
35) Dibromofluoromethane	7.728	113	75785	40.964	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.920%
50) Toluene-d8	10.191	98	275162	42.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.080%
62) 4-Bromofluorobenzene	12.489	95	85835	42.224	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	51201	39.934	ug/l	99
3) Chloromethane	2.119	50	97249	41.512	ug/l	95
4) Vinyl Chloride	2.259	62	124866	41.547	ug/l	99
5) Bromomethane	2.662	94	100413	40.999	ug/l	100
6) Chloroethane	2.808	64	86058	45.391	ug/l	100
7) Trichlorofluoromethane	3.137	101	125765	41.059	ug/l	99
8) Diethyl Ether	3.540	74	39889	44.400	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	80127	45.479	ug/l	98
10) Methyl Iodide	4.107	142	108298	54.771	ug/l	99
11) Tert butyl alcohol	4.960	59	21327	152.415	ug/l #	85
12) 1,1-Dichloroethene	3.887	96	77810	47.389	ug/l	98
13) Acrolein	3.741	56	18627	100.889	ug/l	98
14) Allyl chloride	4.497	41	94288	47.525	ug/l	96
15) Acrylonitrile	5.173	53	78984	213.868	ug/l	99
16) Acetone	3.960	43	76429	239.209	ug/l	99
17) Carbon Disulfide	4.210	76	225218	45.698	ug/l	98
18) Methyl Acetate	4.491	43	35428	45.705	ug/l	96
19) Methyl tert-butyl Ether	5.234	73	173001	45.205	ug/l	99
20) Methylene Chloride	4.735	84	92571	49.229	ug/l	96
21) trans-1,2-Dichloroethene	5.234	96	92923	48.335	ug/l	95
22) Diisopropyl ether	6.131	45	218089	47.637	ug/l	97
23) Vinyl Acetate	6.076	43	615588	225.648	ug/l	99
24) 1,1-Dichloroethane	6.033	63	150477	48.110	ug/l	99
25) 2-Butanone	6.996	43	98315	215.916	ug/l	99
26) 2,2-Dichloropropane	6.996	77	127687	48.556	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	107791	49.937	ug/l	96
28) Bromochloromethane	7.350	49	49260	39.990	ug/l	94
29) Tetrahydrofuran	7.362	42	56688	206.528	ug/l	98
30) Chloroform	7.521	83	162318	48.744	ug/l	99
31) Cyclohexane	7.795	56	120264	44.861	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	138143	47.783	ug/l	98
36) 1,1-Dichloropropene	7.929	75	122963	49.262	ug/l	99
37) Ethyl Acetate	7.088	43	40458	41.038	ug/l #	98
38) Carbon Tetrachloride	7.911	117	125046	49.985	ug/l	98
39) Methylcyclohexane	9.191	83	147719	49.243	ug/l	99
40) Benzene	8.173	78	365252	49.273	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	20389	41.213	ug/l	95
42) 1,2-Dichloroethane	8.246	62	84985	46.989	ug/l	98
43) Isopropyl Acetate	8.283	43	74093	42.768	ug/l	97
44) Trichloroethene	8.947	130	103154	48.280	ug/l	98
45) 1,2-Dichloropropane	9.228	63	85517	48.490	ug/l	99
46) Dibromomethane	9.313	93	47766	47.325	ug/l	94
47) Bromodichloromethane	9.508	83	122335	49.918	ug/l	97
48) Methyl methacrylate	9.301	41	35705	44.525	ug/l	96
49) 1,4-Dioxane	9.307	88	9968	872.656	ug/l #	92
51) 4-Methyl-2-Pentanone	10.075	43	205828	213.175	ug/l	98
52) Toluene	10.252	92	235750	50.448	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	111064	48.826	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	136763	49.481	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	68696	47.937	ug/l	99
56) Ethyl methacrylate	10.520	69	76124	43.526	ug/l	97
57) 1,3-Dichloropropane	10.794	76	110864	47.583	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	154110	186.362	ug/l	98
59) 2-Hexanone	10.837	43	150186	226.455	ug/l	97
60) Dibromochloromethane	10.990	129	83852	49.461	ug/l	100
61) 1,2-Dibromoethane	11.093	107	63042	47.737	ug/l	98
64) Tetrachloroethene	10.727	164	105077	46.786	ug/l	98
65) Chlorobenzene	11.520	112	252367	50.812	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	94336	50.700	ug/l	100
67) Ethyl Benzene	11.599	91	452555	51.956	ug/l	98
68) m/p-Xylenes	11.709	106	360276	105.263	ug/l	98
69) o-Xylene	12.038	106	169837	53.487	ug/l	96
70) Styrene	12.050	104	279571	53.043	ug/l	98
71) Bromoform	12.215	173	50886	49.352	ug/l #	97
73) Isopropylbenzene	12.337	105	441931	52.373	ug/l	99
74) N-amyl acetate	12.148	43	65180	43.796	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	70784	48.850	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	85538	79.263	ug/l #	100
77) Bromobenzene	12.617	156	102837	50.325	ug/l	93
78) n-propylbenzene	12.678	91	528572	52.205	ug/l	99
79) 2-Chlorotoluene	12.764	91	286941	50.619	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	354418	52.426	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	20666	44.002	ug/l	97
82) 4-Chlorotoluene	12.861	91	290925	50.177	ug/l	97
83) tert-Butylbenzene	13.081	119	315846	53.205	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	351437	52.657	ug/l	100
85) sec-Butylbenzene	13.257	105	476036	52.450	ug/l	99
86) p-Isopropyltoluene	13.373	119	397343	53.480	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	207886	50.684	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	202001	50.657	ug/l	98
89) n-Butylbenzene	13.702	91	358543	52.893	ug/l	99
90) Hexachloroethane	13.965	117	75554	50.724	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	174741	50.366	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8457	41.516	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	93178	50.846	ug/l	99
94) Hexachlorobutadiene	15.117	225	59016	52.161	ug/l	99
95) Naphthalene	15.239	128	145277	41.624	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	75300	47.898	ug/l	99

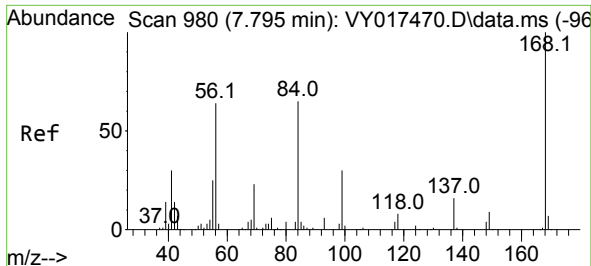
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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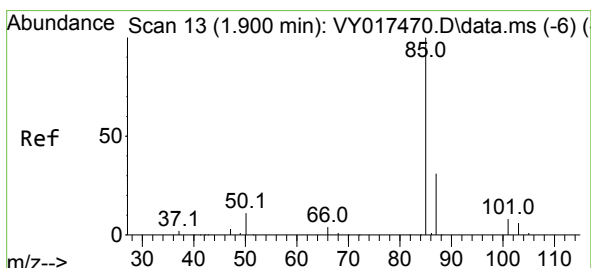
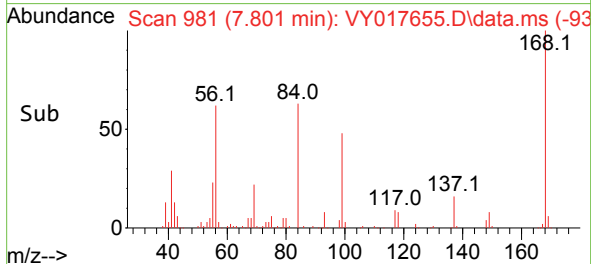
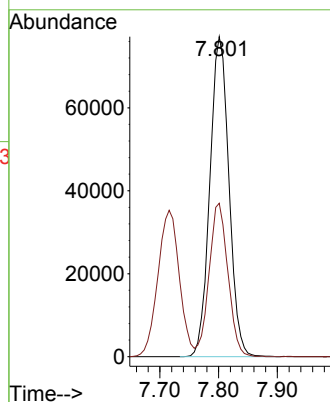
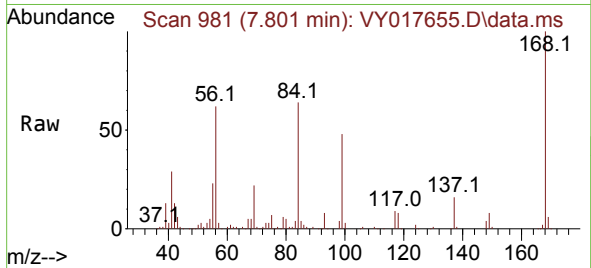
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

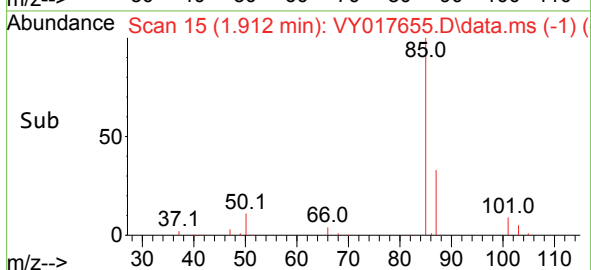
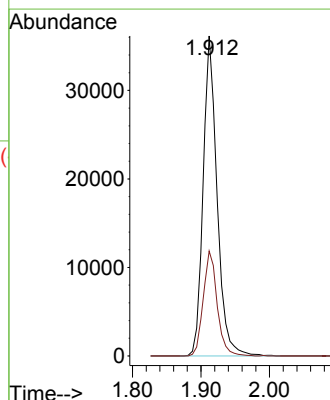
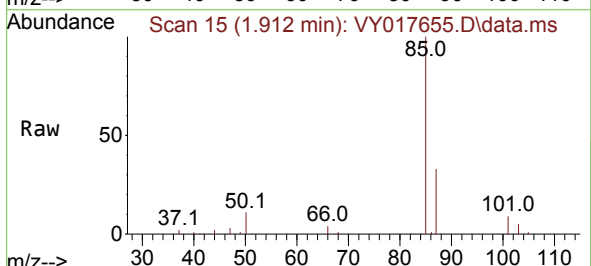
Instrument :
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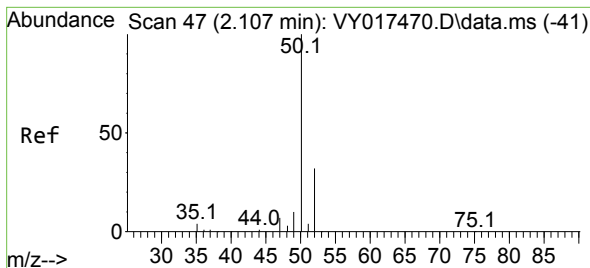
Tgt Ion:168 Resp: 173814
Ion Ratio Lower Upper
168 100
99 47.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 39.934 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 85 Resp: 51201
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0





#3

Chloromethane

Concen: 41.512 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

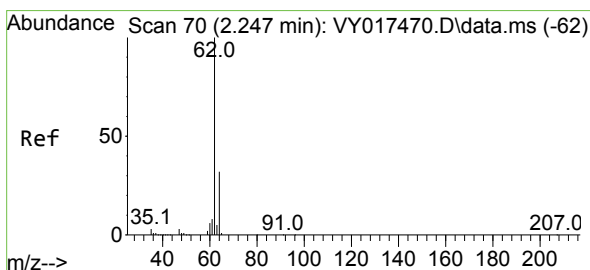
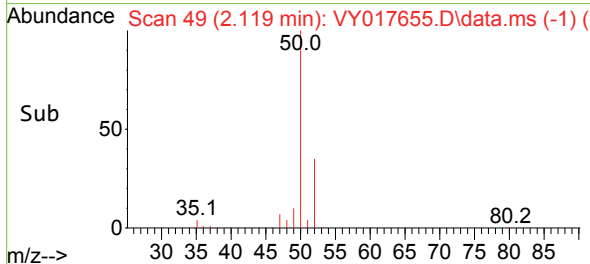
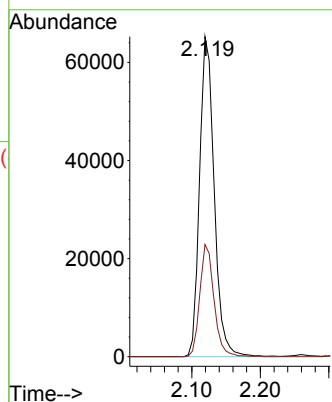
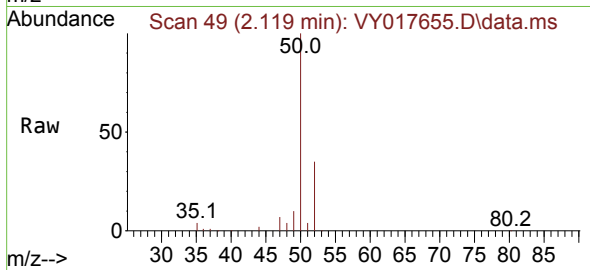
VSTDCCC050

Tgt Ion: 50 Resp: 97249

Ion Ratio Lower Upper

50 100

52 35.0 25.6 38.4



#4

Vinyl Chloride

Concen: 41.547 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.012 min

Lab File: VY017655.D

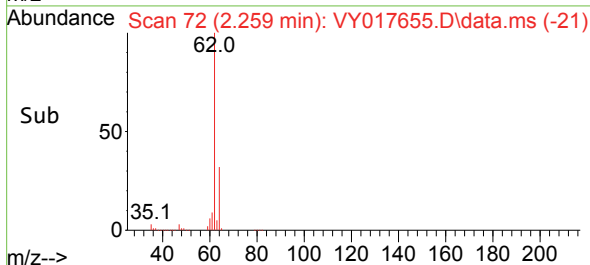
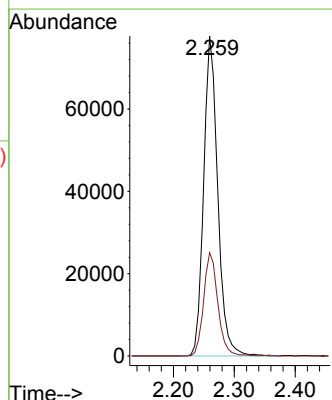
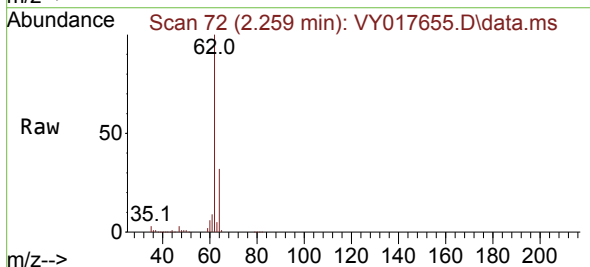
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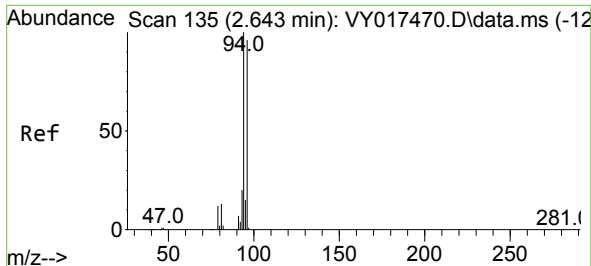
Tgt Ion: 62 Resp: 124866

Ion Ratio Lower Upper

62 100

64 32.3 26.1 39.1

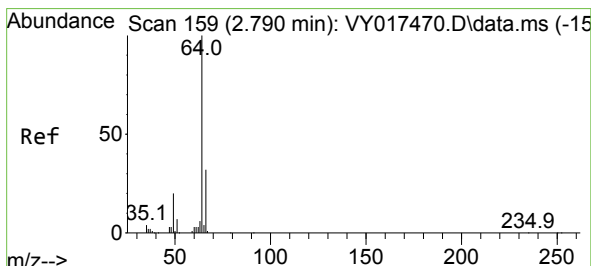
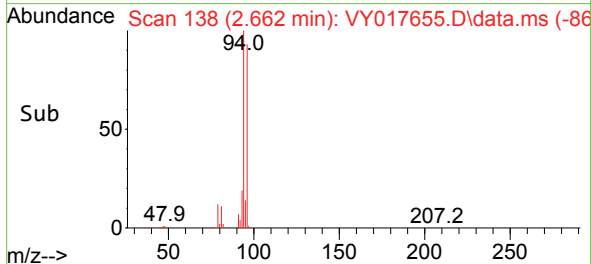
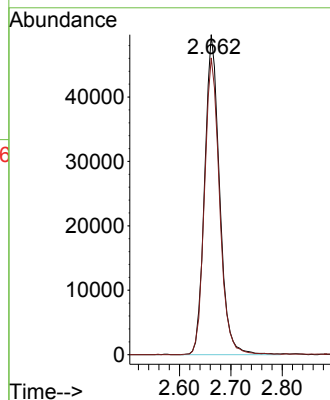
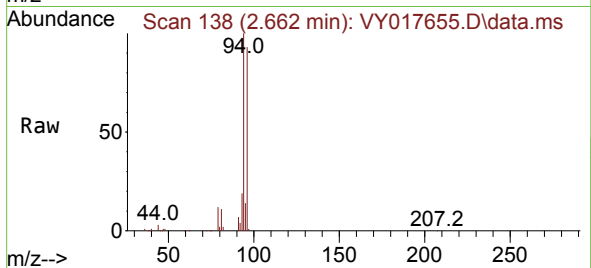




#5
Bromomethane
Concen: 40.999 ug/l
RT: 2.662 min Scan# 111
Delta R.T. 0.018 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

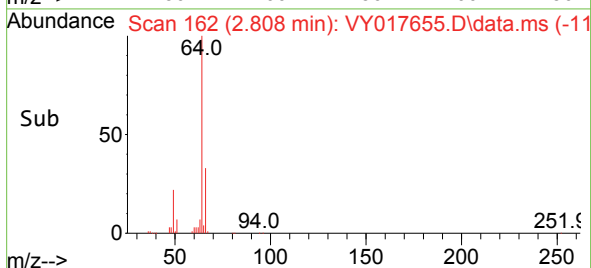
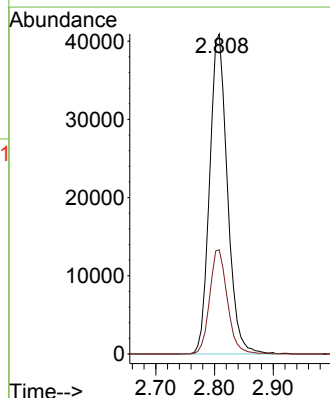
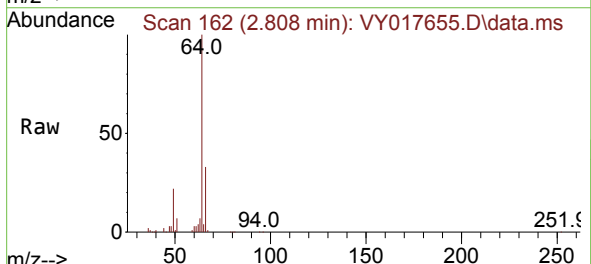
Instrument :
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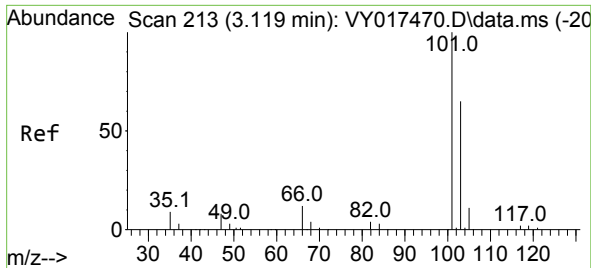
Tgt Ion: 94 Resp: 100413
Ion Ratio Lower Upper
94 100
96 92.8 74.1 111.1



#6
Chloroethane
Concen: 45.391 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.018 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 64 Resp: 86058
Ion Ratio Lower Upper
64 100
66 32.6 26.1 39.1

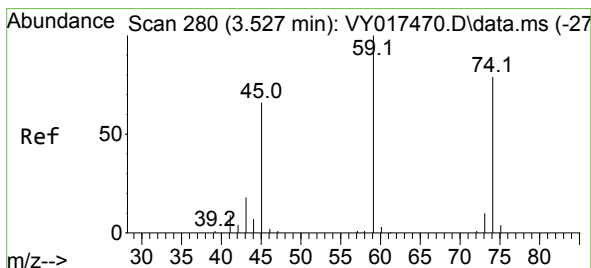
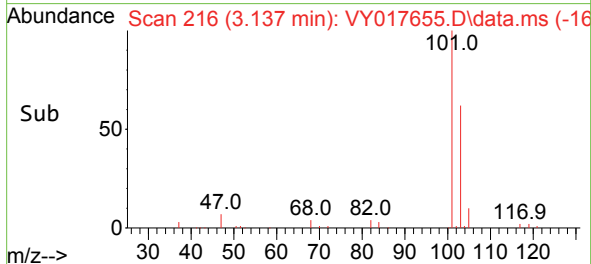
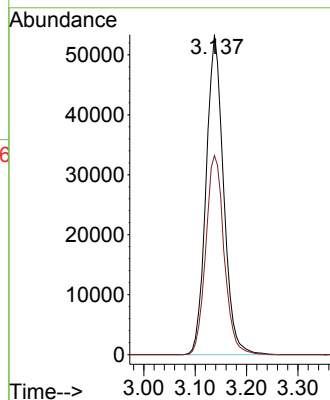
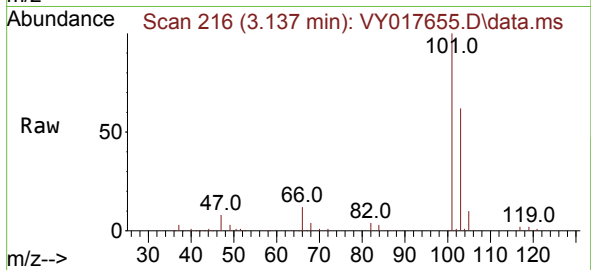




#7
 Trichlorofluoromethane
 Concen: 41.059 ug/l
 RT: 3.137 min Scan# 213
 Delta R.T. 0.018 min
 Lab File: VY017655.D
 Acq: 14 Mar 2024 09:52

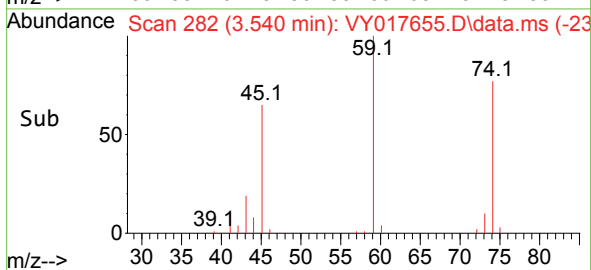
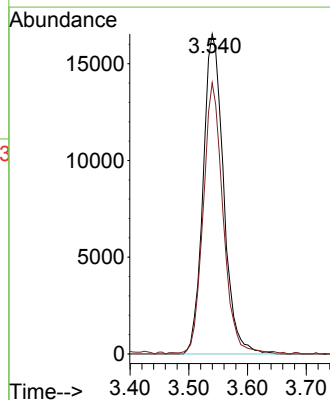
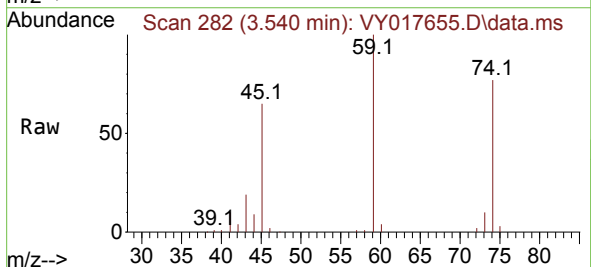
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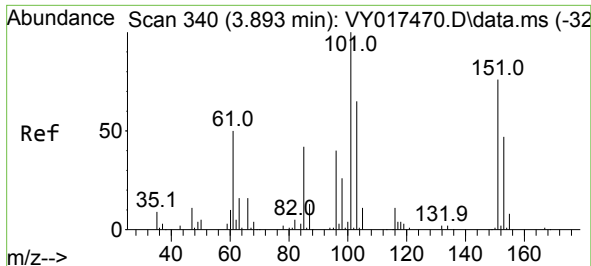
Tgt Ion:101 Resp: 125765
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 44.400 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.012 min
 Lab File: VY017655.D
 Acq: 14 Mar 2024 09:52

Tgt Ion: 74 Resp: 39889
 Ion Ratio Lower Upper
 74 100
 45 82.8 41.3 124.1

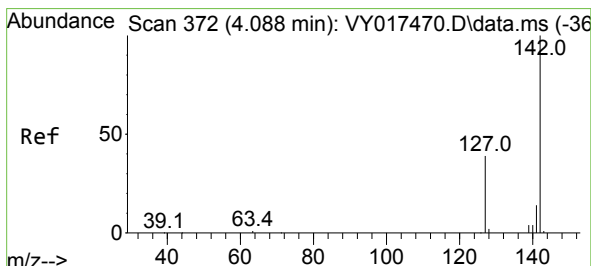
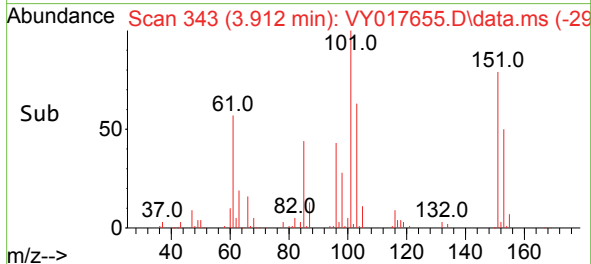
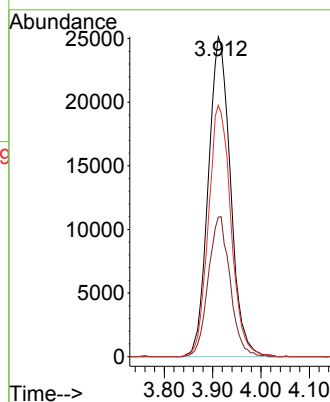
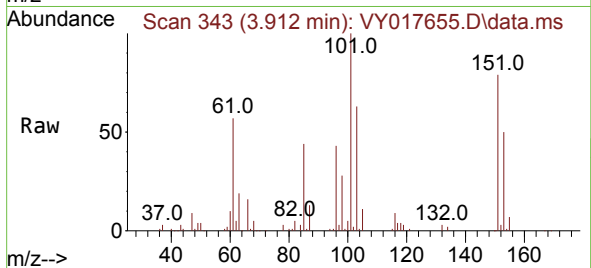




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.479 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

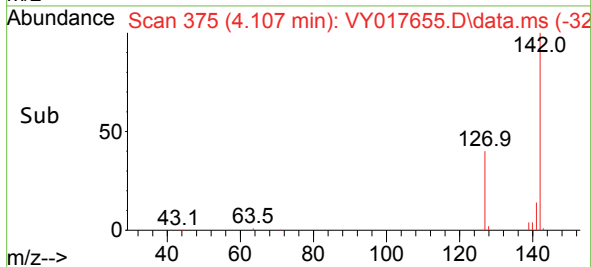
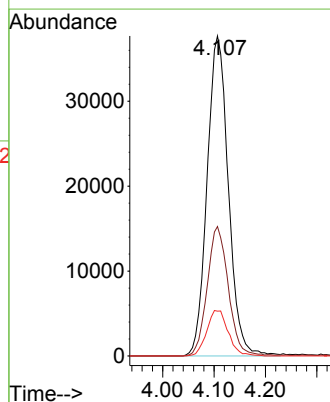
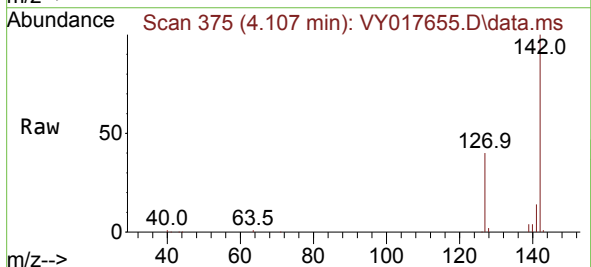
Instrument :
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ClientSampleId :
VSTDCCC050

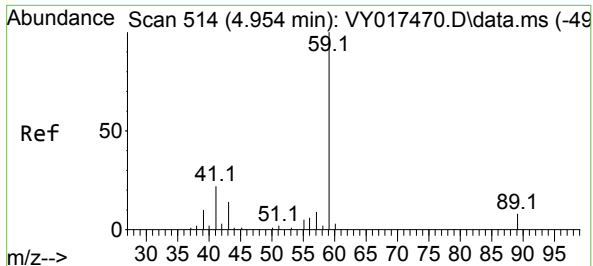
Tgt Ion:101 Resp: 80127
Ion Ratio Lower Upper
101 100
85 43.1 34.5 51.7
151 79.9 61.7 92.5



#10
Methyl Iodide
Concen: 54.771 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion:142 Resp: 108298
Ion Ratio Lower Upper
142 100
127 40.2 32.8 49.2
141 14.4 11.4 17.2

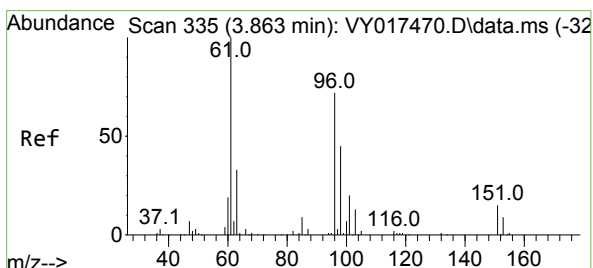
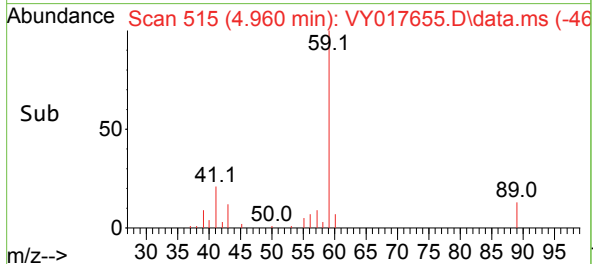
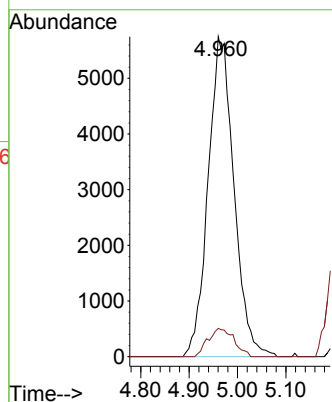
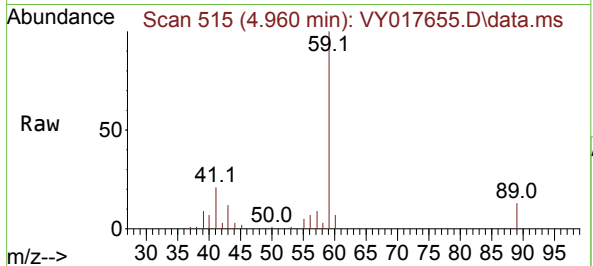




#11
Tert butyl alcohol
Concen: 152.415 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

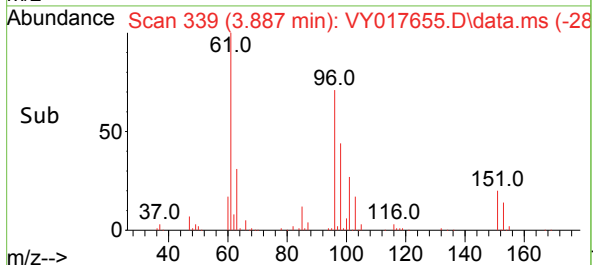
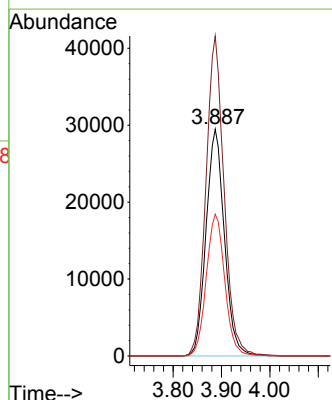
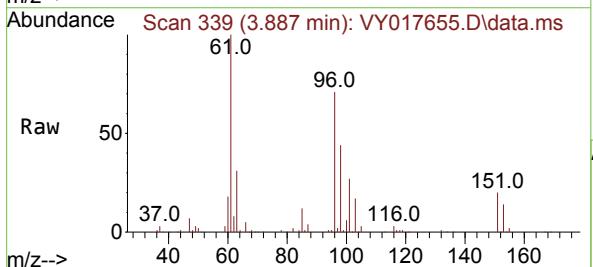
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

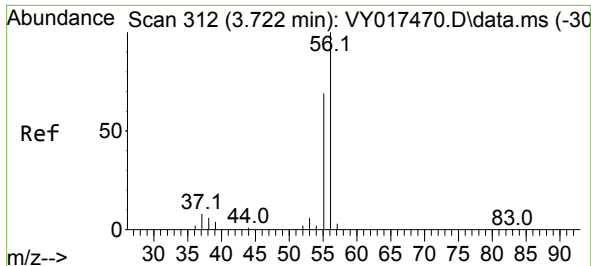
Tgt Ion: 59 Resp: 21327
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 47.389 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.024 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 96 Resp: 77810
Ion Ratio Lower Upper
96 100
61 141.1 114.6 171.8
98 62.5 50.8 76.2

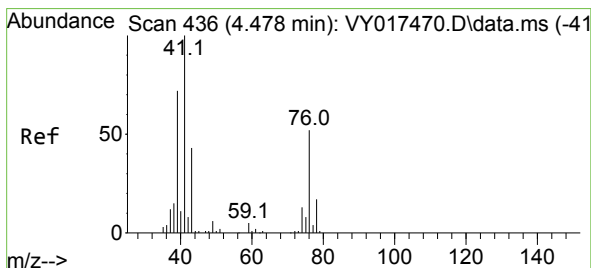
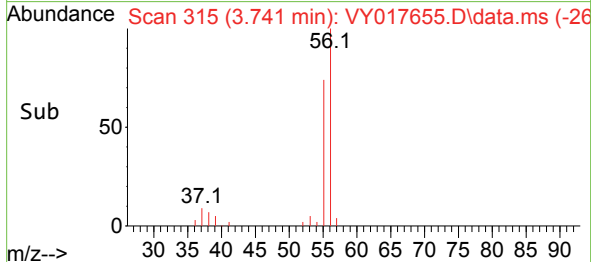
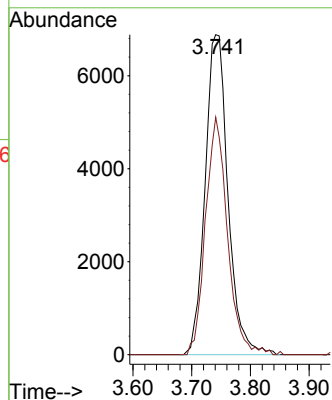
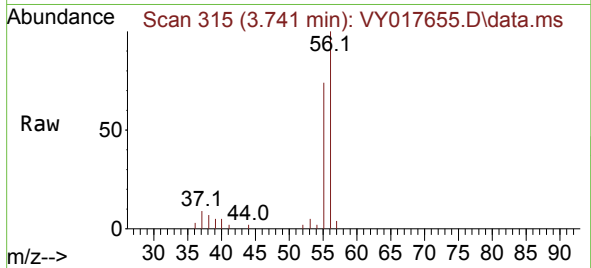




#13
Acrolein
Concen: 100.889 ug/l
RT: 3.741 min Scan# 312
Delta R.T. 0.018 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

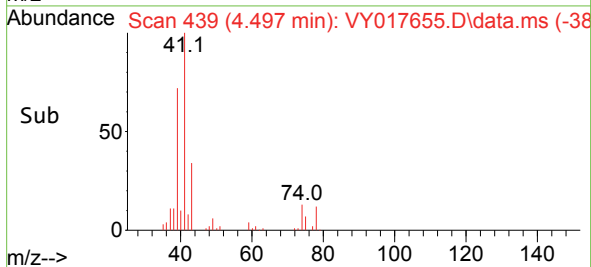
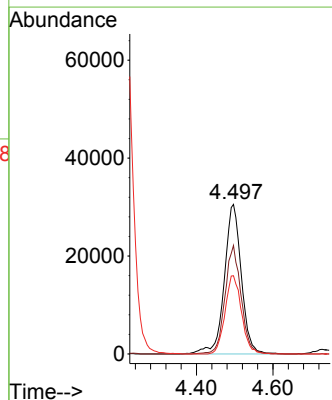
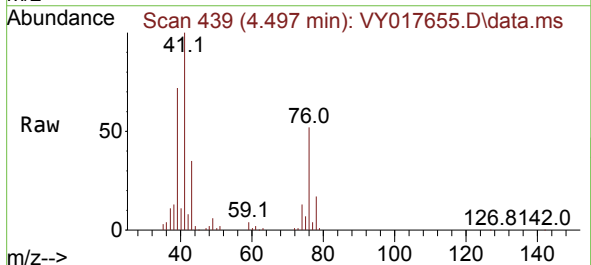
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

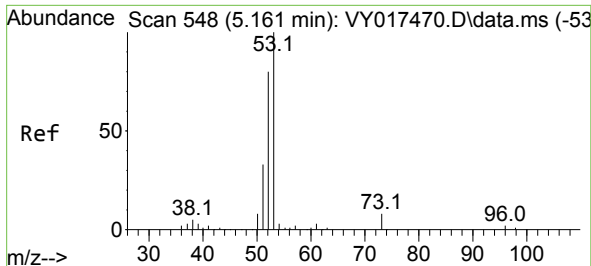
Tgt Ion: 56 Resp: 18627
Ion Ratio Lower Upper
56 100
55 71.4 55.7 83.5



#14
Allyl chloride
Concen: 47.525 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 41 Resp: 94288
Ion Ratio Lower Upper
41 100
39 68.4 58.3 87.5
76 50.5 39.0 58.6

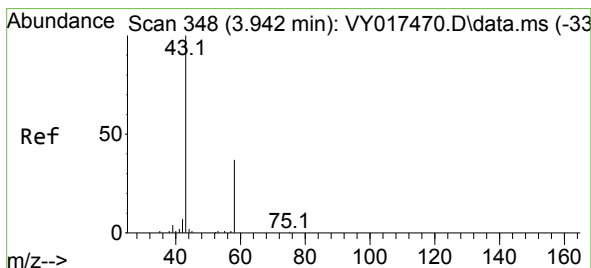
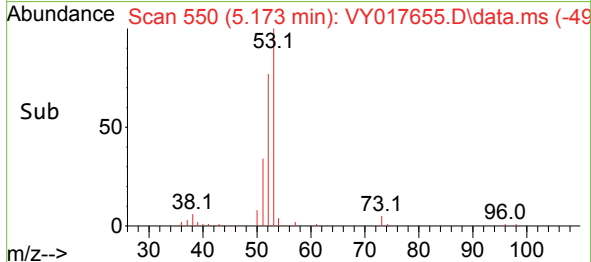
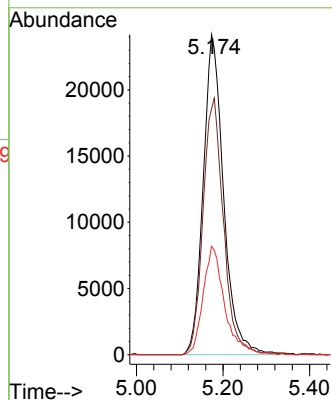
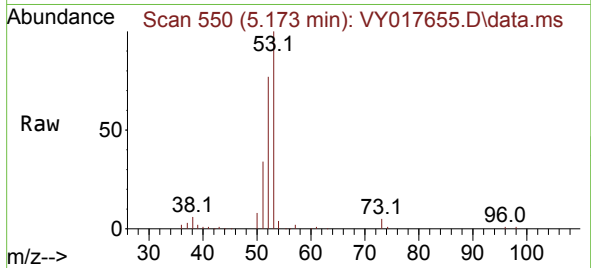




#15
Acrylonitrile
Concen: 213.868 ug/l
RT: 5.173 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

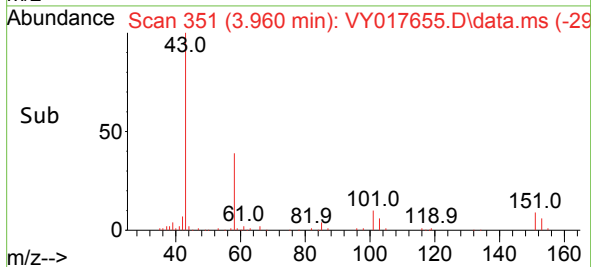
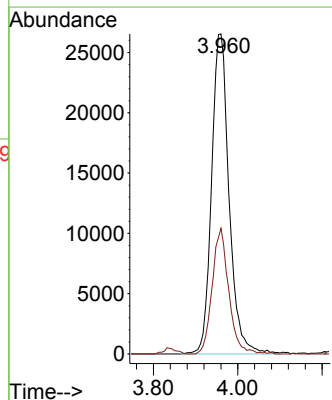
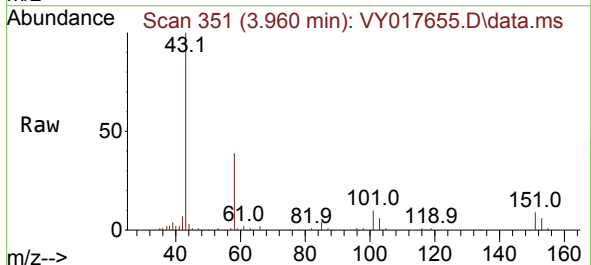
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

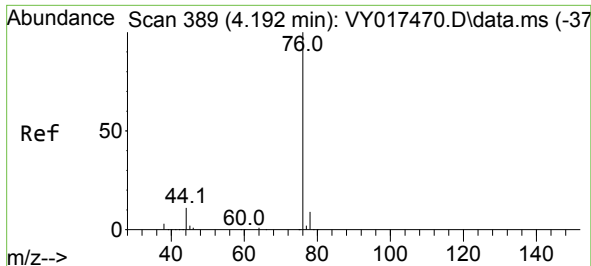
Tgt Ion: 53 Resp: 78984
Ion Ratio Lower Upper
53 100
52 80.2 64.7 97.1
51 35.7 28.4 42.6



#16
Acetone
Concen: 239.209 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 43 Resp: 76429
Ion Ratio Lower Upper
43 100
58 39.2 31.7 47.5

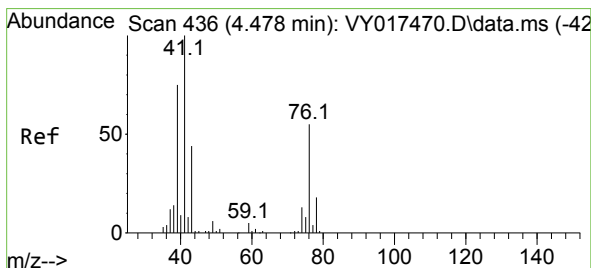
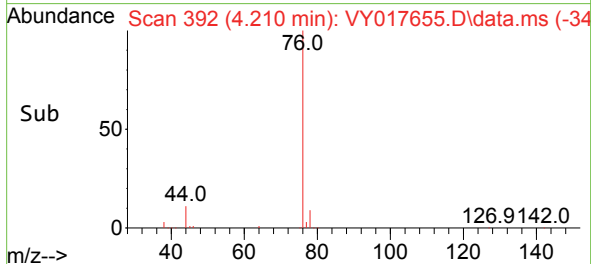
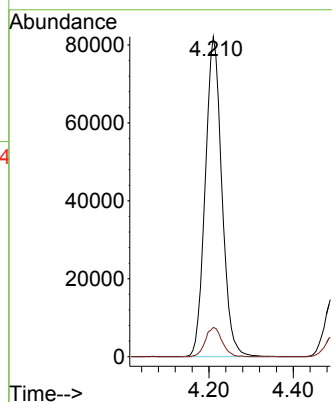
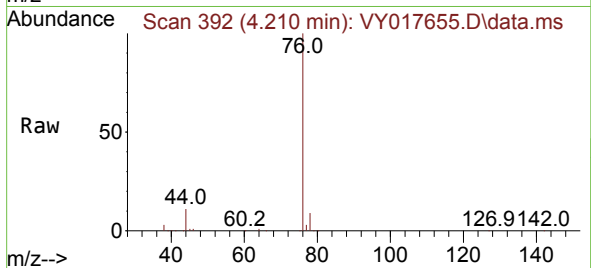




#17
Carbon Disulfide
Concen: 45.698 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

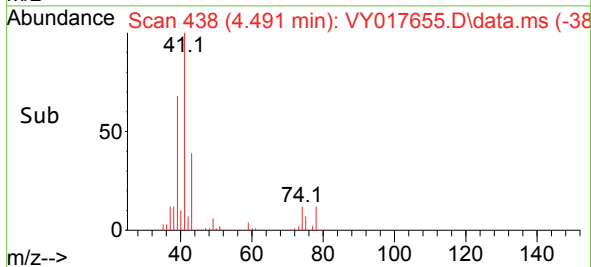
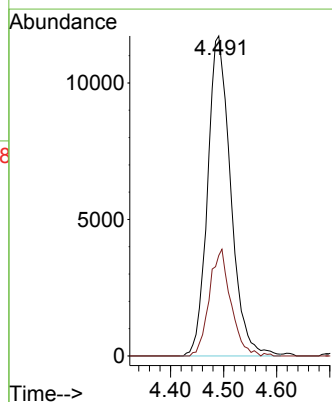
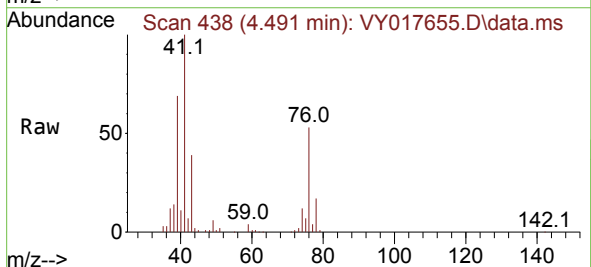
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

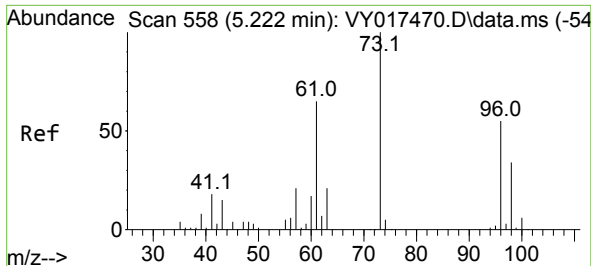
Tgt Ion: 76 Resp: 225218
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 45.705 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 43 Resp: 35428
Ion Ratio Lower Upper
43 100
74 31.1 23.3 34.9

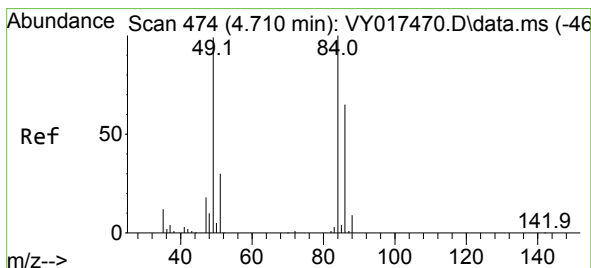
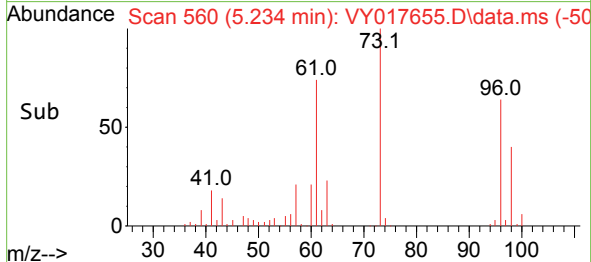
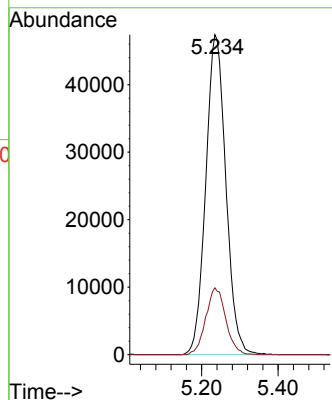
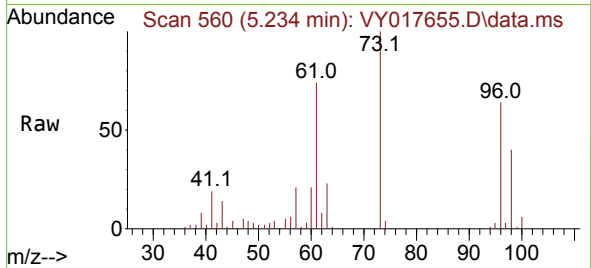




#19
Methyl tert-butyl Ether
Concen: 45.205 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

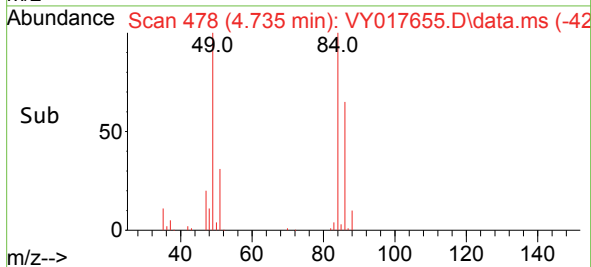
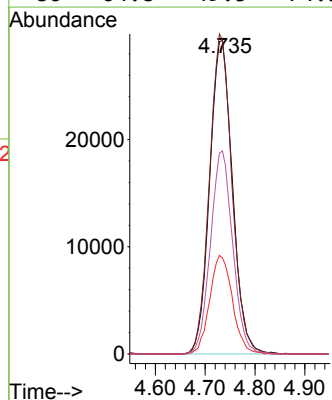
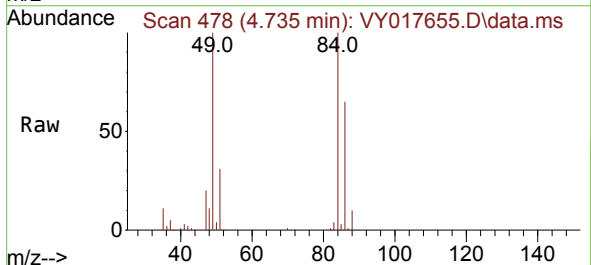
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

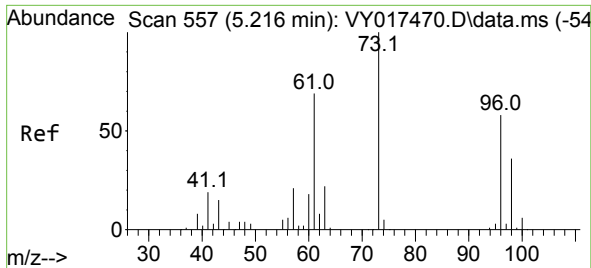
Tgt Ion: 73 Resp: 173001
Ion Ratio Lower Upper
73 100
57 20.9 17.3 25.9



#20
Methylene Chloride
Concen: 49.229 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.025 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 84 Resp: 92571
Ion Ratio Lower Upper
84 100
49 100.2 84.4 126.6
51 30.6 26.0 39.0
86 64.8 49.5 74.3

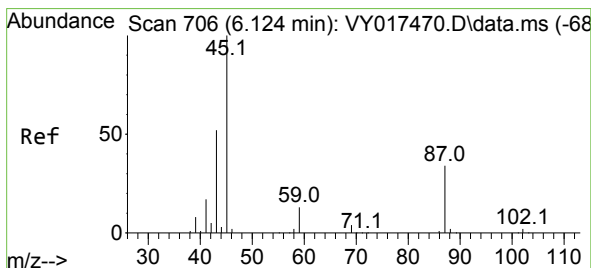
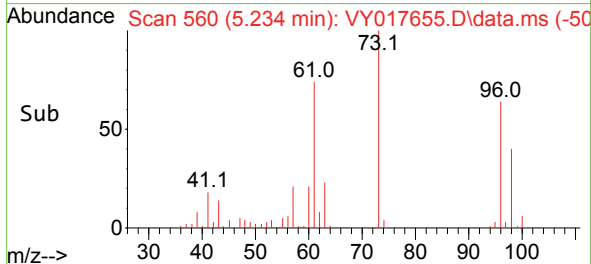
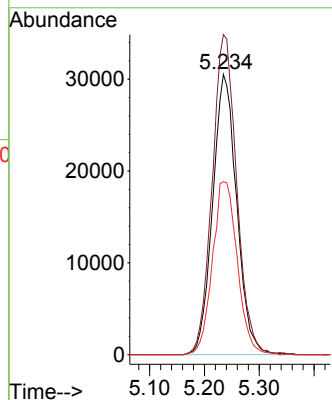
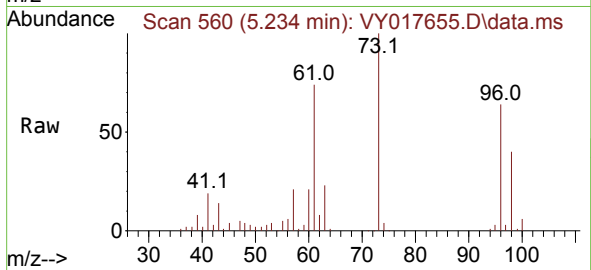




#21
trans-1,2-Dichloroethene
Concen: 48.335 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

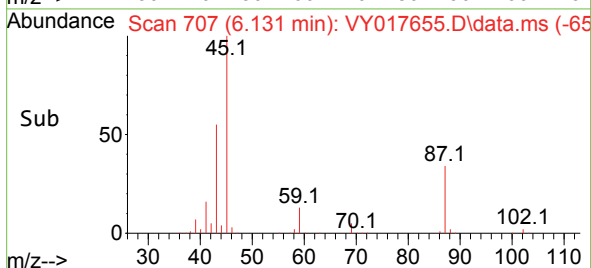
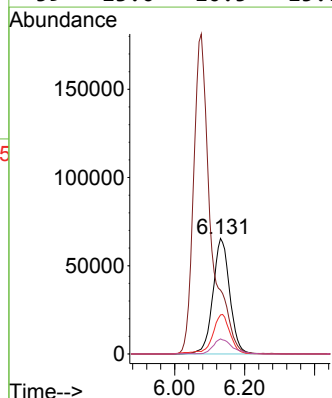
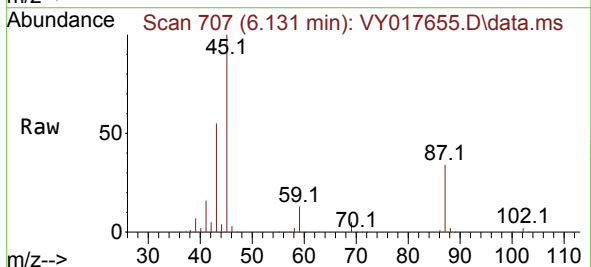
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

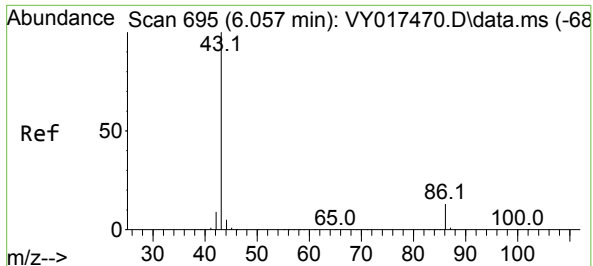
Tgt Ion: 96 Resp: 92923
Ion Ratio Lower Upper
96 100
61 114.2 97.5 146.3
98 61.7 50.5 75.7



#22
Diisopropyl ether
Concen: 47.637 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 45 Resp: 218089
Ion Ratio Lower Upper
45 100
43 55.0 42.2 63.2
87 33.8 25.0 37.6
59 13.0 10.5 15.7

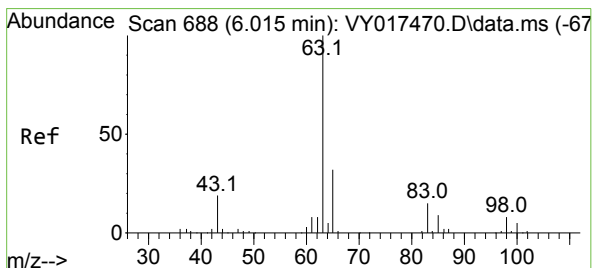
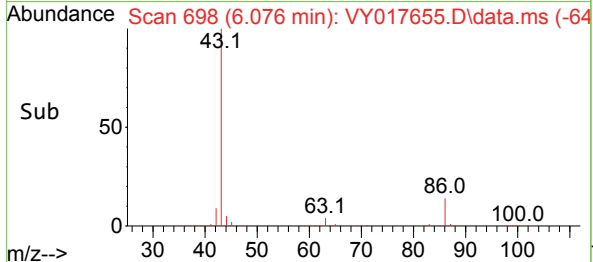
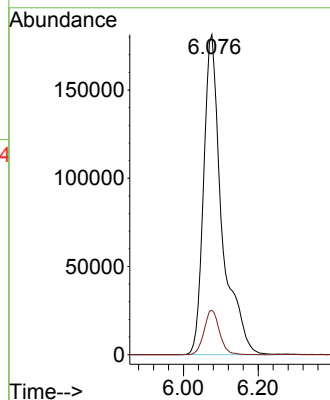
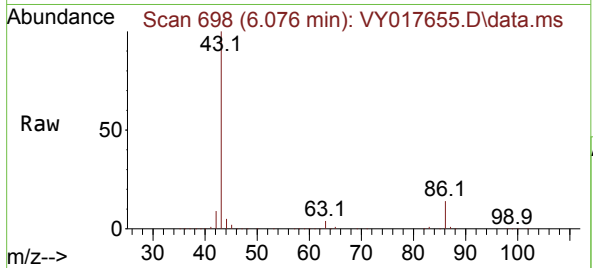




#23
 Vinyl Acetate
 Concen: 225.648 ug/l
 RT: 6.076 min Scan# 61
 Delta R.T. 0.018 min
 Lab File: VY017655.D
 Acq: 14 Mar 2024 09:52

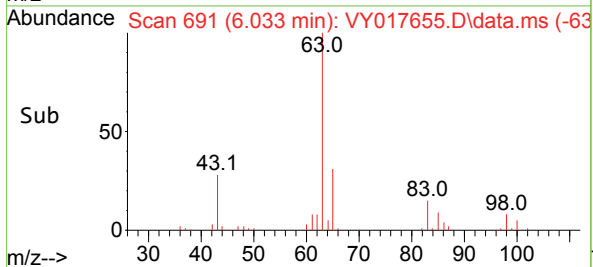
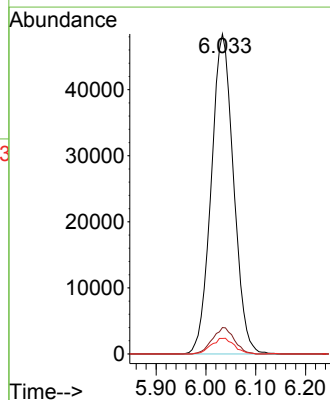
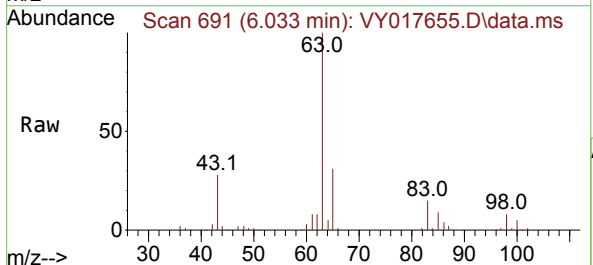
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

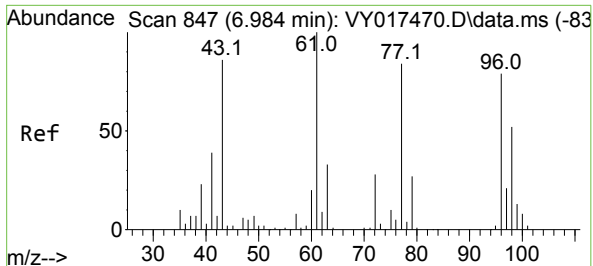
Tgt Ion: 43 Resp: 615588
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 48.110 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017655.D
 Acq: 14 Mar 2024 09:52

Tgt Ion: 63 Resp: 150477
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 4.8 2.6 8.0





#25

2-Butanone

Concen: 215.916 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

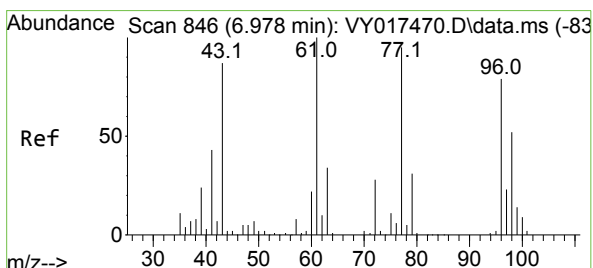
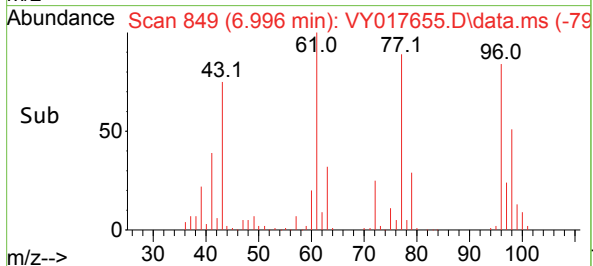
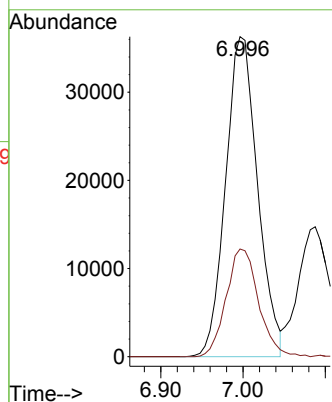
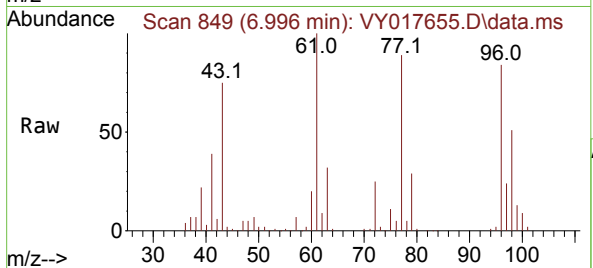
VSTDCCC050

Tgt Ion: 43 Resp: 98315

Ion Ratio Lower Upper

43 100

72 33.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 48.556 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.018 min

Lab File: VY017655.D

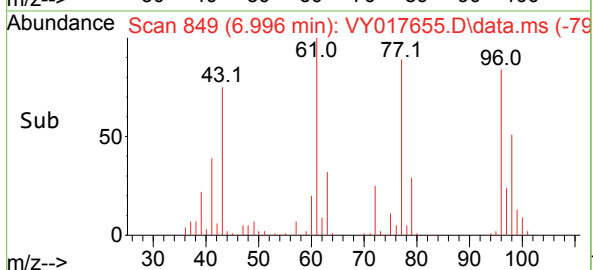
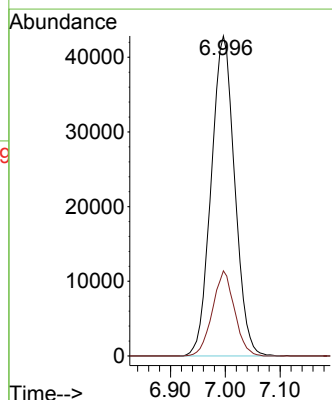
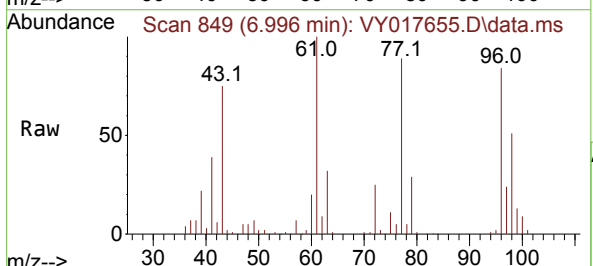
Acq: 14 Mar 2024 09:52

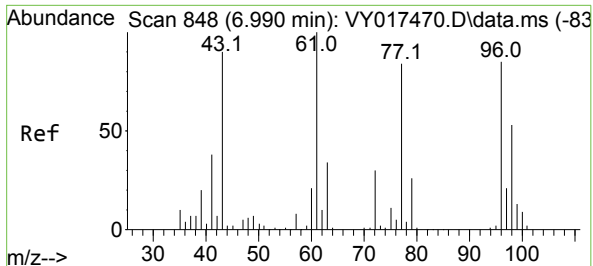
Tgt Ion: 77 Resp: 127687

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 49.937 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

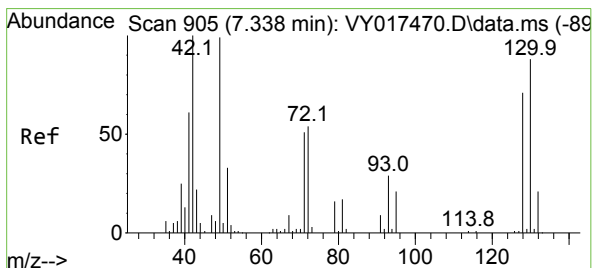
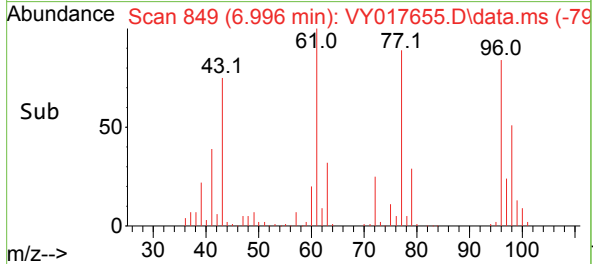
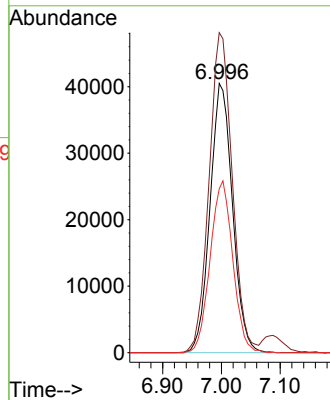
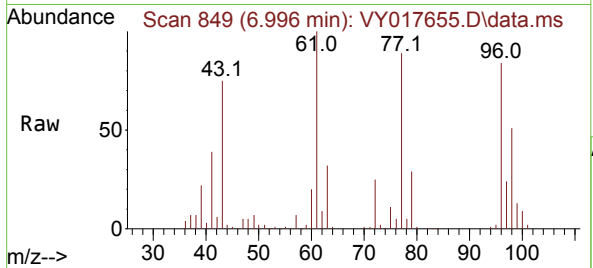
Tgt Ion: 96 Resp: 107791

Ion Ratio Lower Upper

96 100

61 122.5 0.0 256.2

98 64.1 0.0 130.0



#28

Bromochloromethane

Concen: 39.990 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

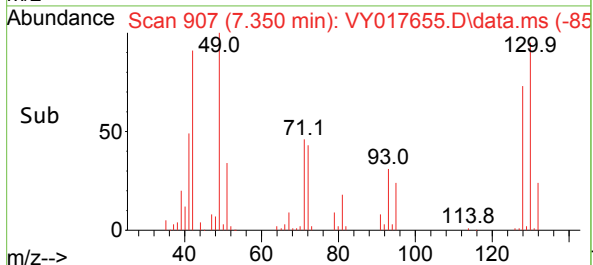
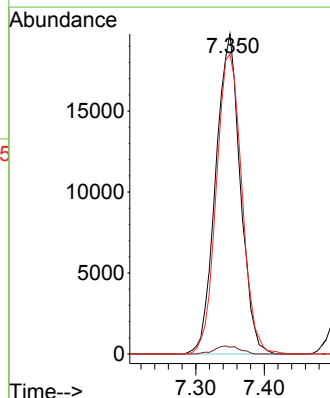
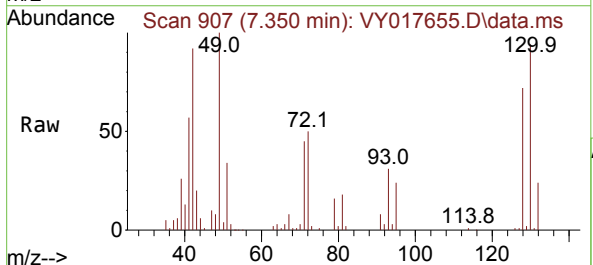
Tgt Ion: 49 Resp: 49260

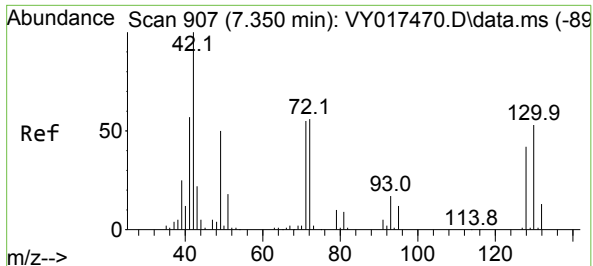
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 97.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 206.528 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

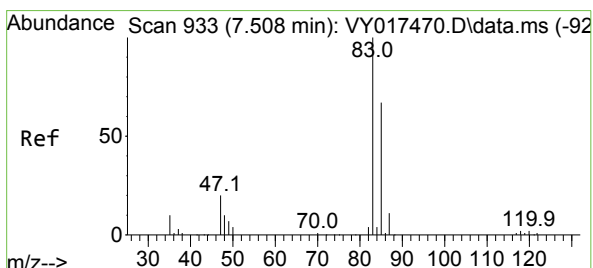
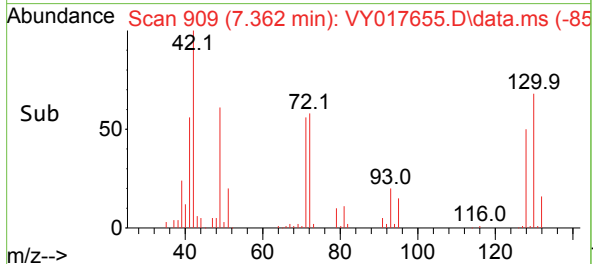
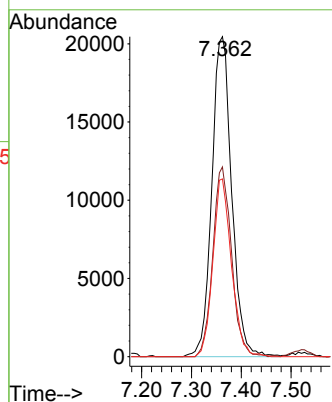
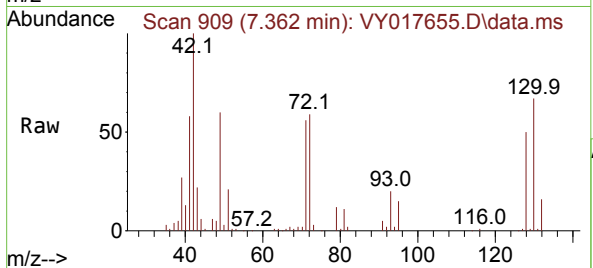
Tgt Ion: 42 Resp: 56688

Ion Ratio Lower Upper

42 100

72 55.8 43.0 64.4

71 52.0 40.8 61.2



#30

Chloroform

Concen: 48.744 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.012 min

Lab File: VY017655.D

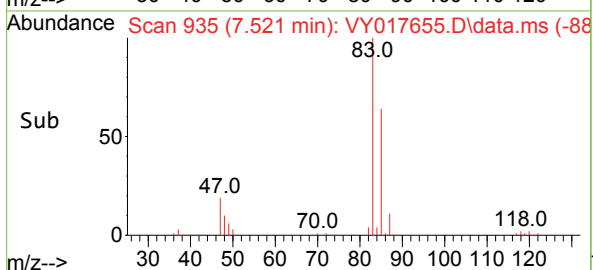
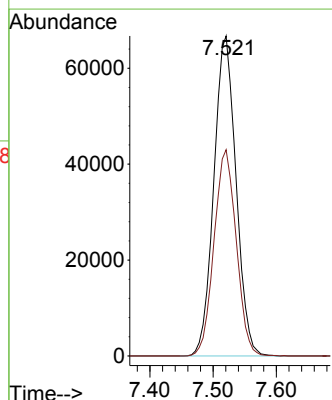
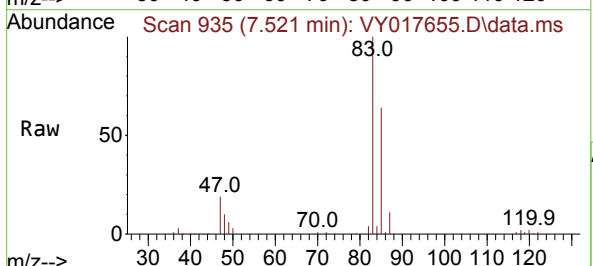
Acq: 14 Mar 2024 09:52

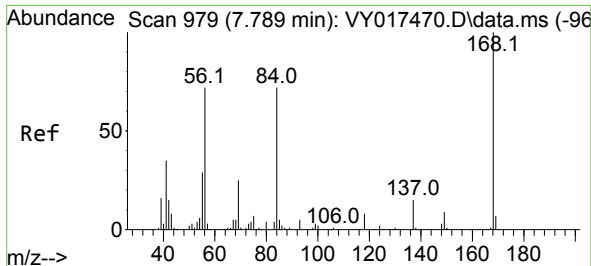
Tgt Ion: 83 Resp: 162318

Ion Ratio Lower Upper

83 100

85 64.4 52.2 78.4

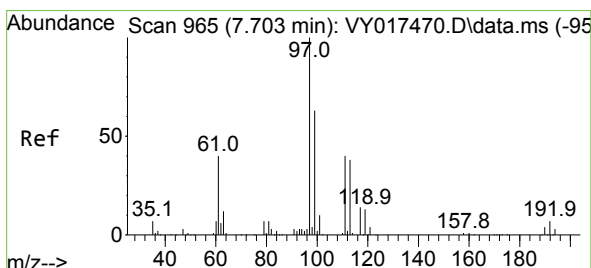
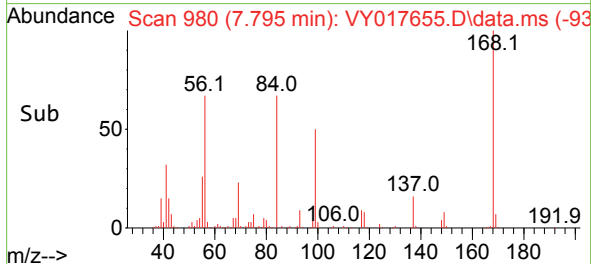
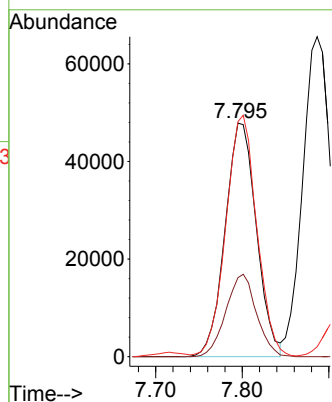
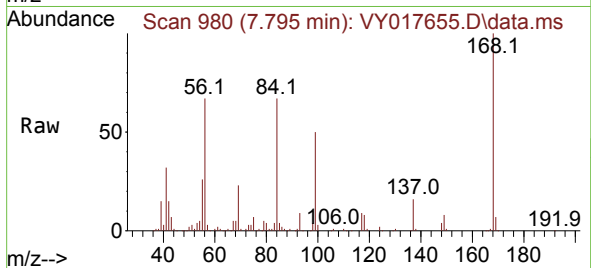




#31
Cyclohexane
Concen: 44.861 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

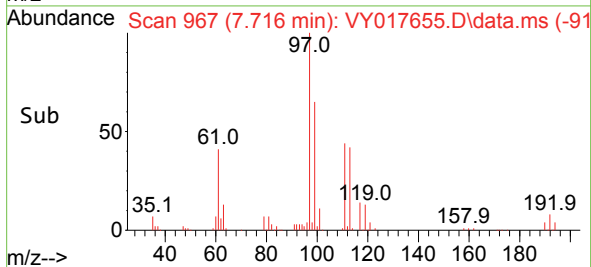
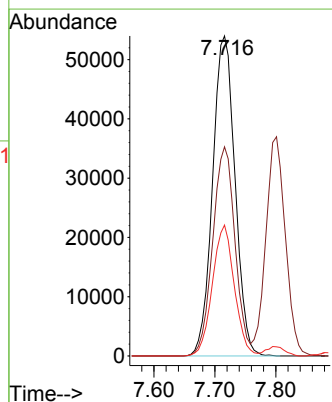
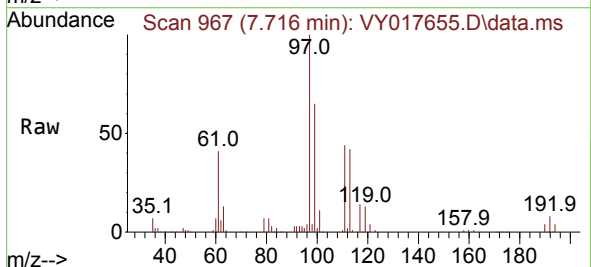
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

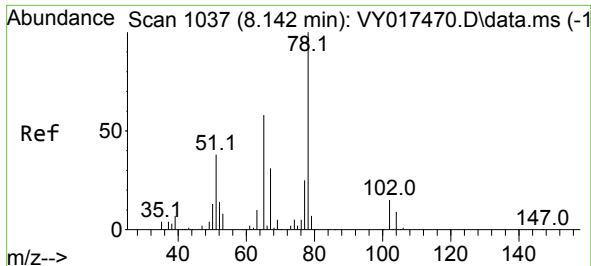
Tgt Ion: 56 Resp: 120264
Ion Ratio Lower Upper
56 100
69 33.8 28.7 43.1
84 99.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 47.783 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 97 Resp: 138143
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 40.0 32.6 48.8

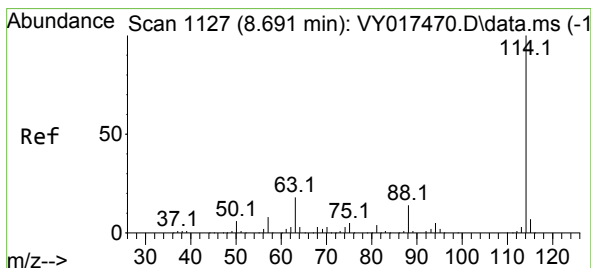
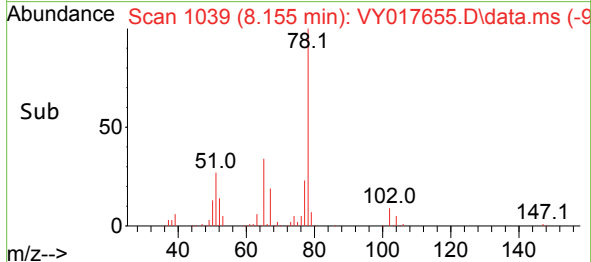
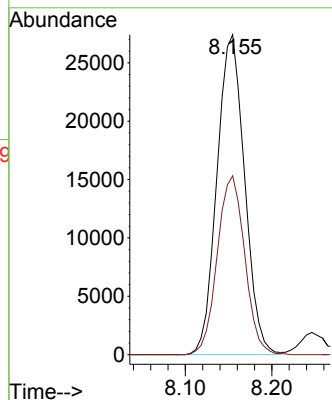
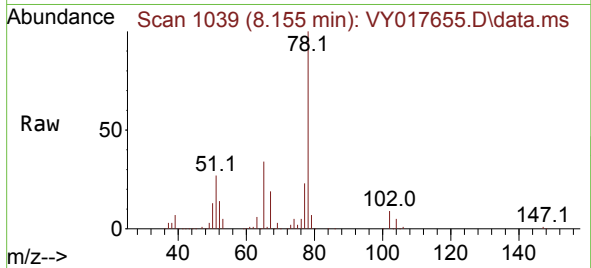




#33
 1,2-Dichloroethane-d4
 Concen: 36.893 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.012 min
 Lab File: VY017655.D
 Acq: 14 Mar 2024 09:52

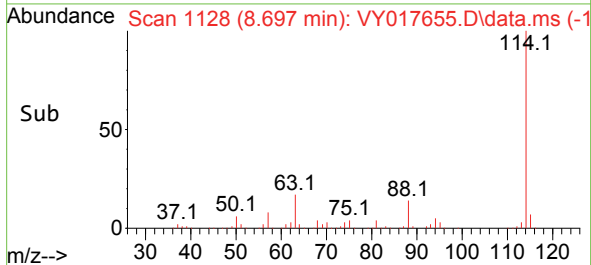
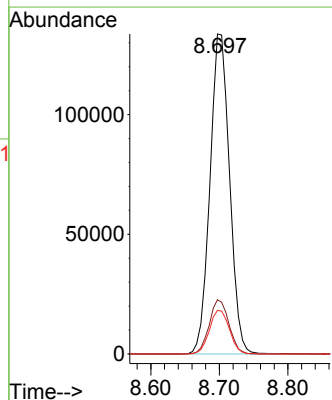
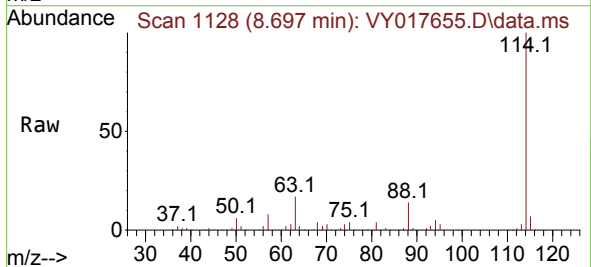
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

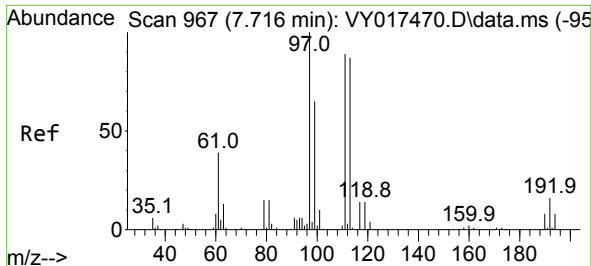
Tgt Ion: 65 Resp: 60774
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY017655.D
 Acq: 14 Mar 2024 09:52

Tgt Ion: 114 Resp: 265493
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 35.0
 88 13.6 0.0 27.2

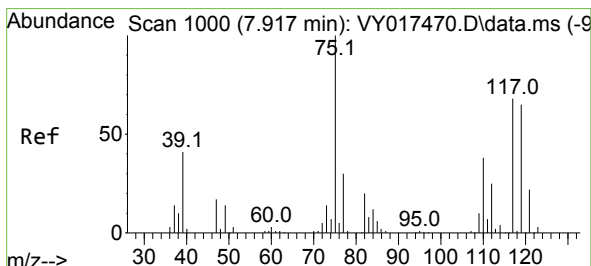
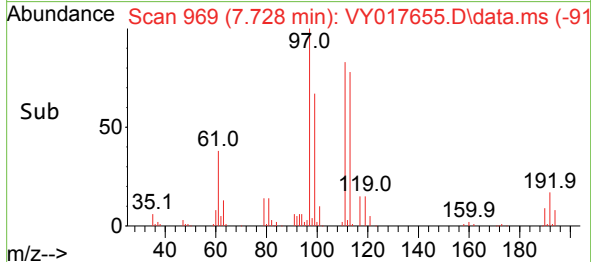
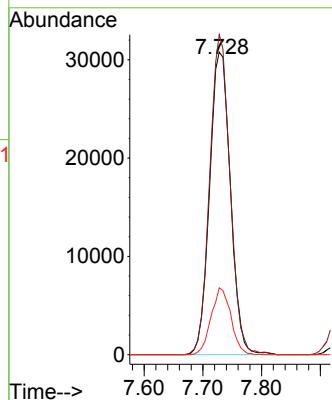
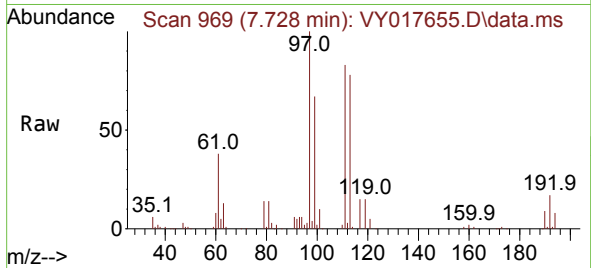




#35
Dibromofluoromethane
Concen: 40.964 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

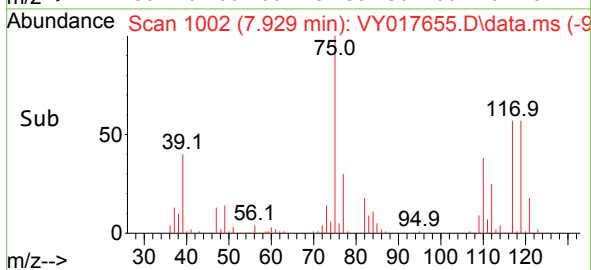
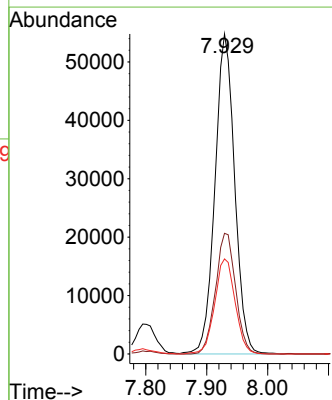
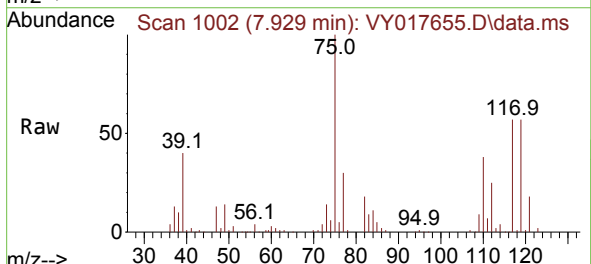
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

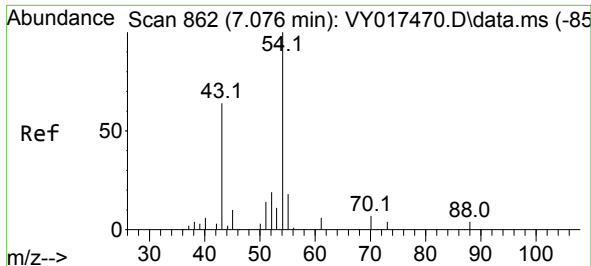
Tgt Ion:113 Resp: 75785
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 21.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.262 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 75 Resp: 122963
Ion Ratio Lower Upper
75 100
110 38.4 19.0 57.0
77 30.8 25.3 37.9





#37

Ethyl Acetate

Concen: 41.038 ug/l

RT: 7.088 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

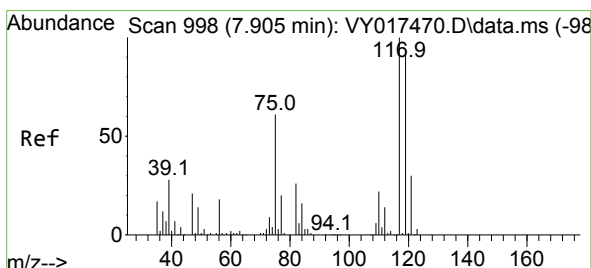
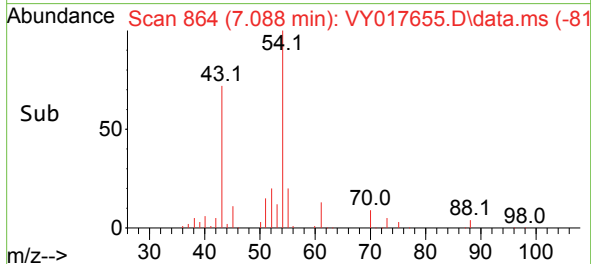
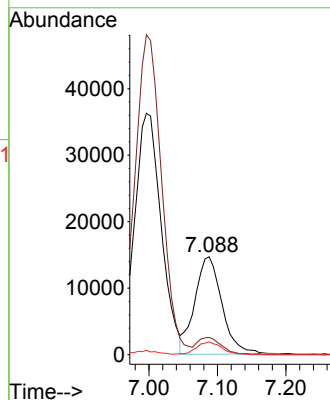
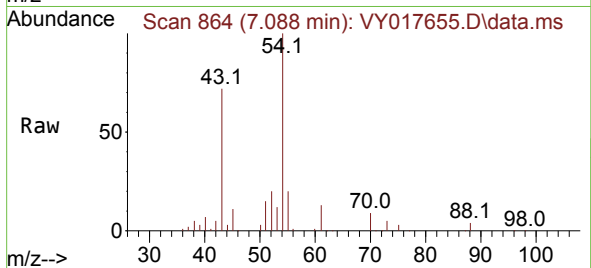
Tgt Ion: 43 Resp: 40458

Ion Ratio Lower Upper

43 100

61 15.8 12.6 19.0

70 12.1 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 49.985 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

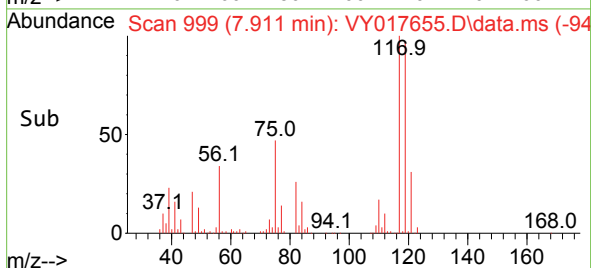
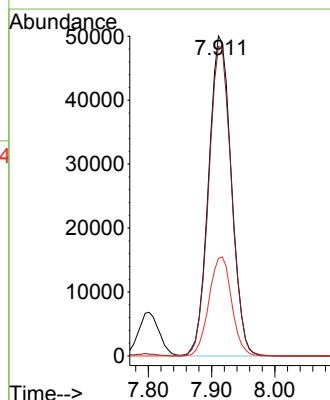
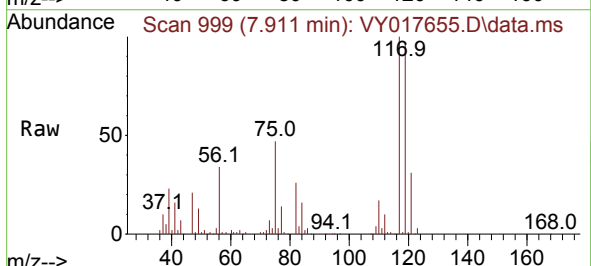
Tgt Ion:117 Resp: 125046

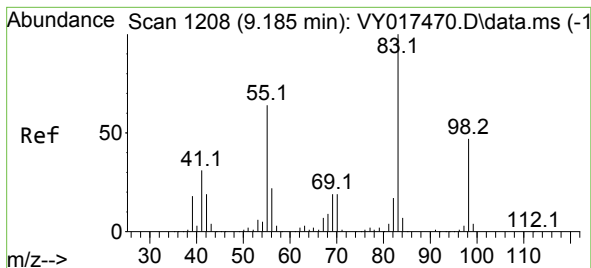
Ion Ratio Lower Upper

117 100

119 96.7 75.8 113.6

121 30.5 24.0 36.0





#39

Methylcyclohexane

Concen: 49.243 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

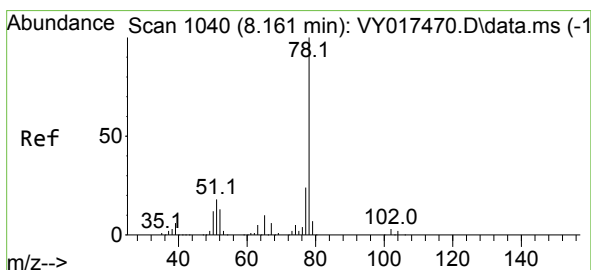
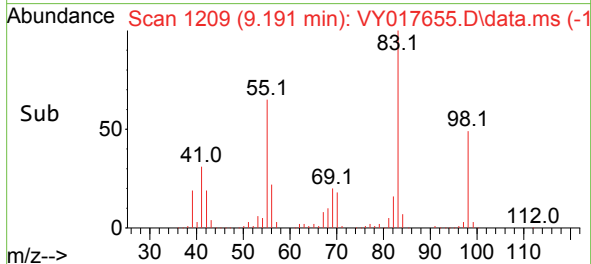
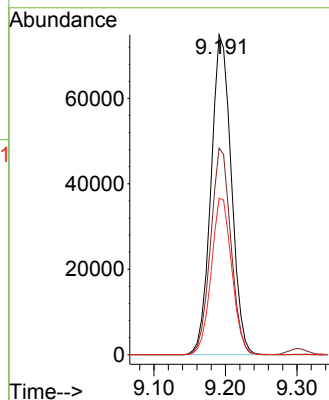
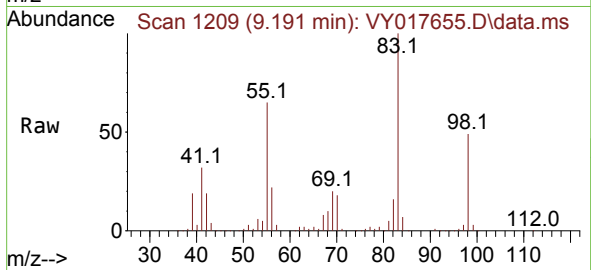
Tgt Ion: 83 Resp: 147719

Ion Ratio Lower Upper

83 100

55 64.5 51.5 77.3

98 48.9 40.5 60.7



#40

Benzene

Concen: 49.273 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY017655.D

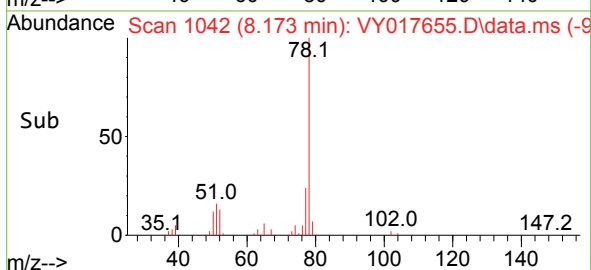
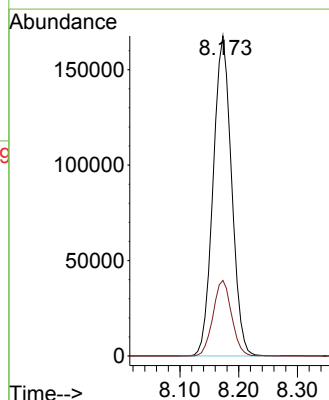
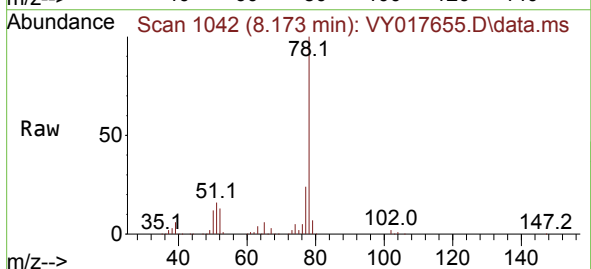
Acq: 14 Mar 2024 09:52

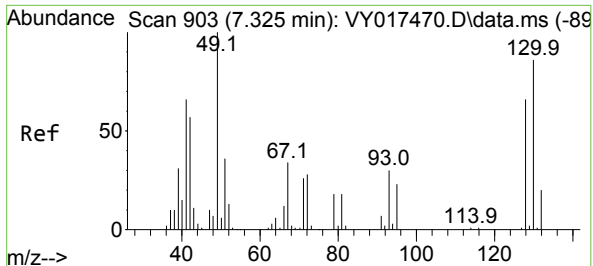
Tgt Ion: 78 Resp: 365252

Ion Ratio Lower Upper

78 100

77 23.6 19.5 29.3



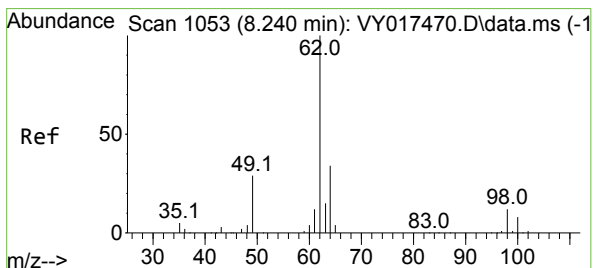
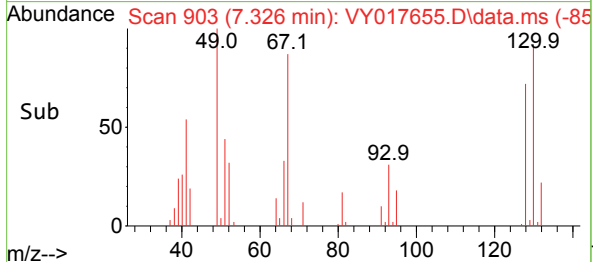
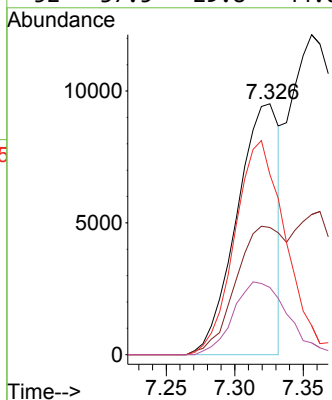
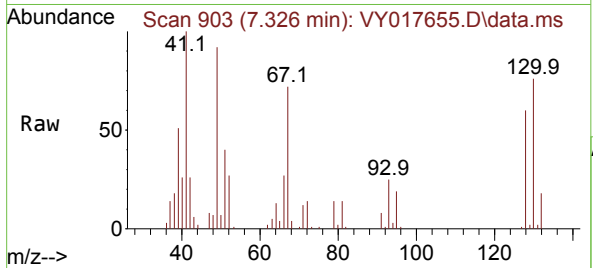


#41
Methacrylonitrile
Concen: 41.213 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 20389

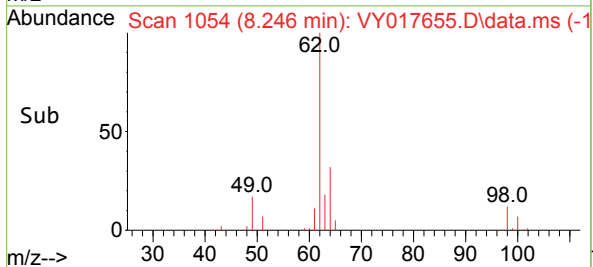
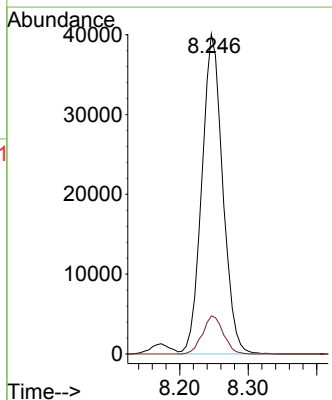
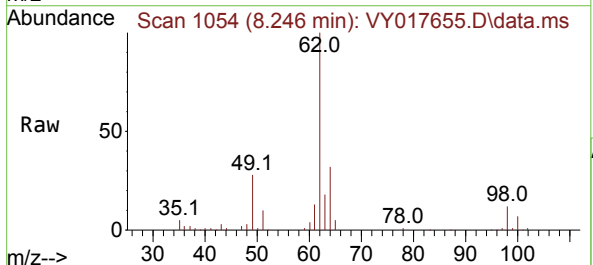
Ion	Ratio	Lower	Upper
41	100		
39	60.3	48.0	72.0
67	103.6	75.1	112.7
52	37.5	29.8	44.6

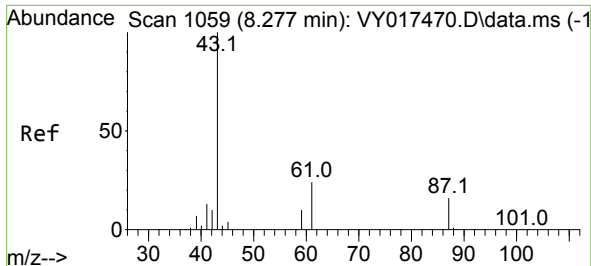


#42
1,2-Dichloroethane
Concen: 46.989 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 62 Resp: 84985

Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	22.0

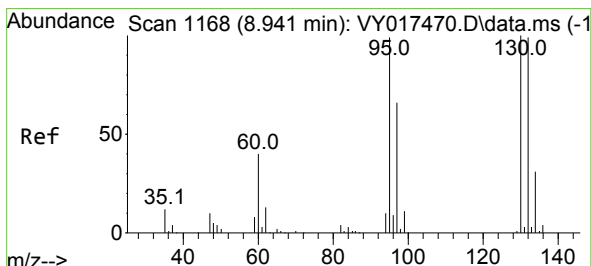
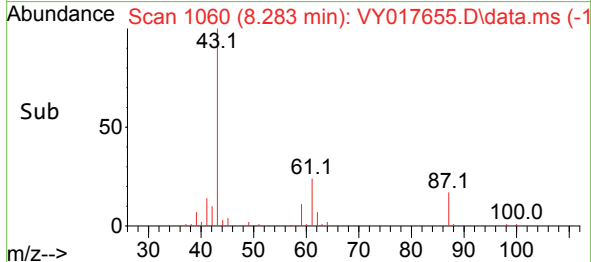
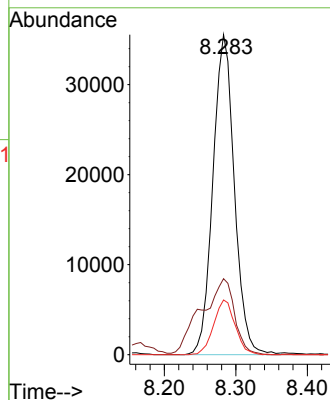
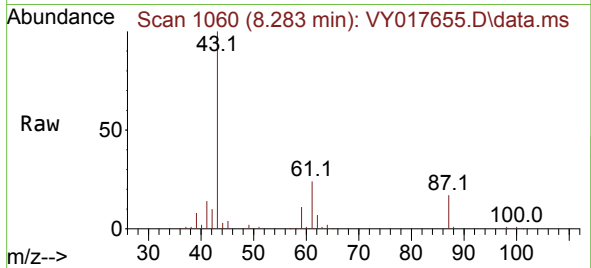




#43
Isopropyl Acetate
Concen: 42.768 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

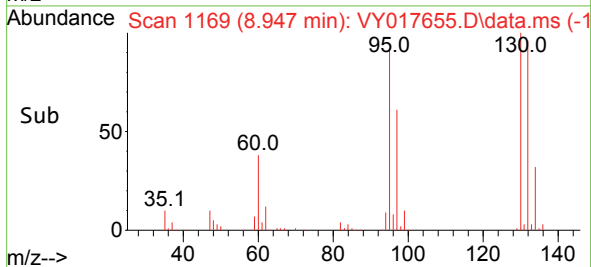
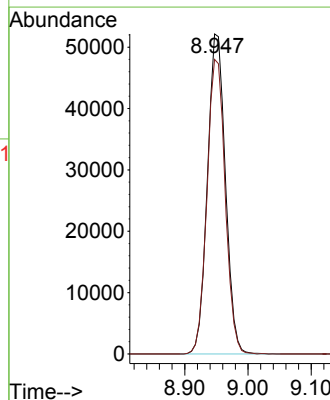
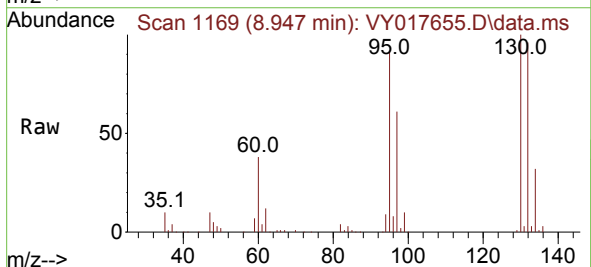
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

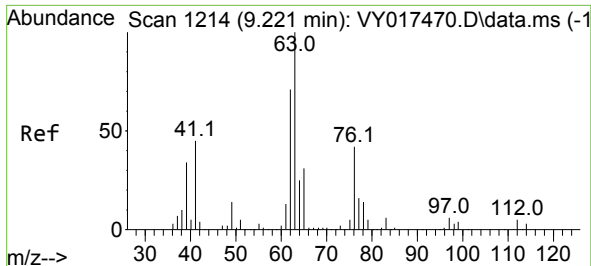
Tgt Ion: 43 Resp: 74093
Ion Ratio Lower Upper
43 100
61 36.7 27.9 41.9
87 17.1 13.1 19.7



#44
Trichloroethene
Concen: 48.280 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion:130 Resp: 103154
Ion Ratio Lower Upper
130 100
95 92.0 0.0 188.0

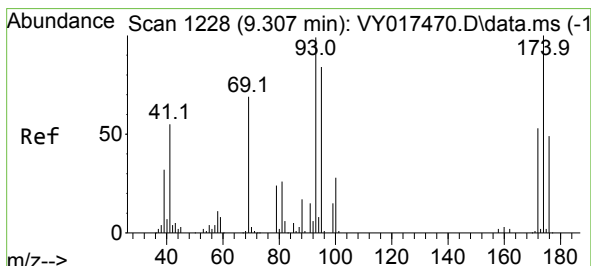
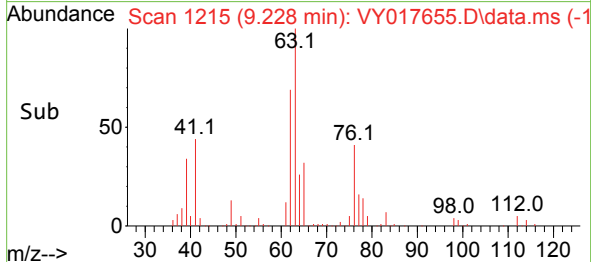
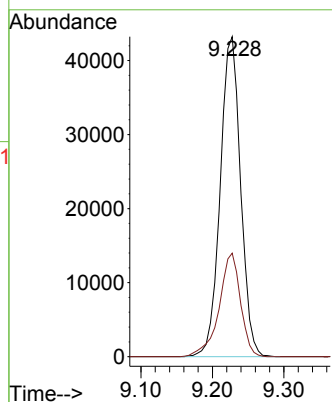
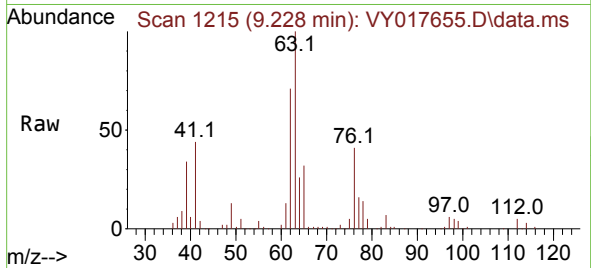




#45
1,2-Dichloropropane
Concen: 48.490 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

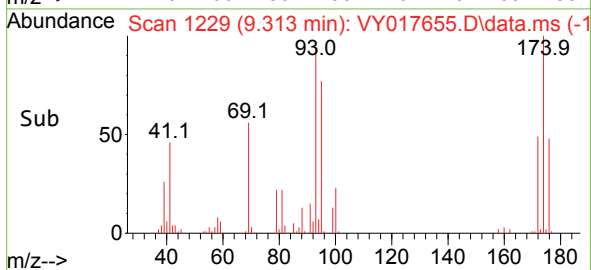
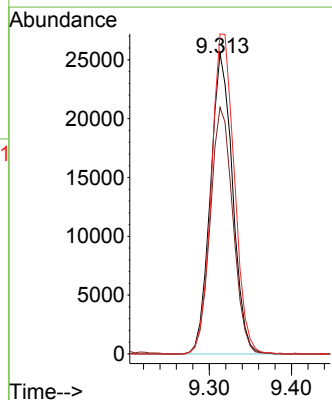
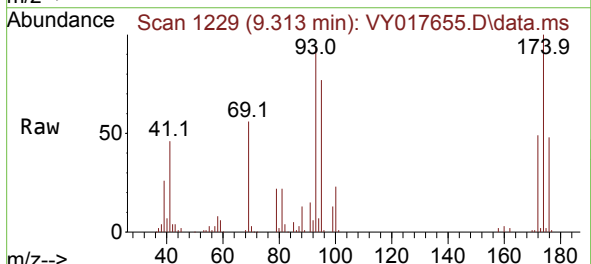
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

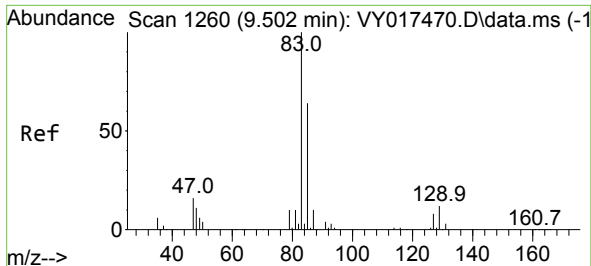
Tgt Ion: 63 Resp: 85517
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.2



#46
Dibromomethane
Concen: 47.325 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 93 Resp: 47766
Ion Ratio Lower Upper
93 100
95 83.7 66.2 99.4
174 110.4 80.9 121.3

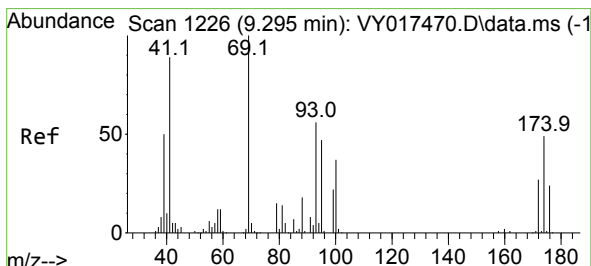
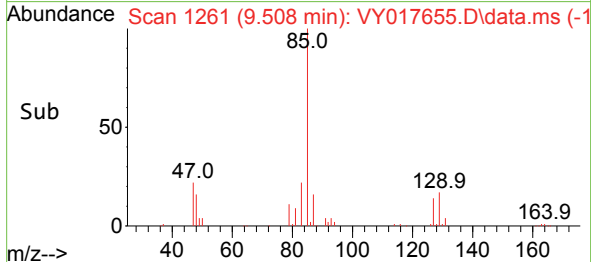
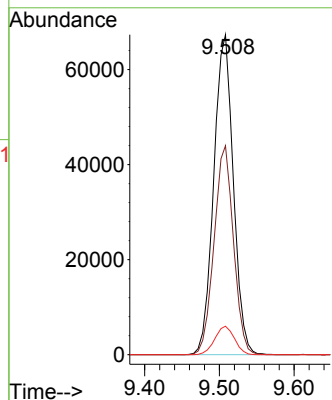
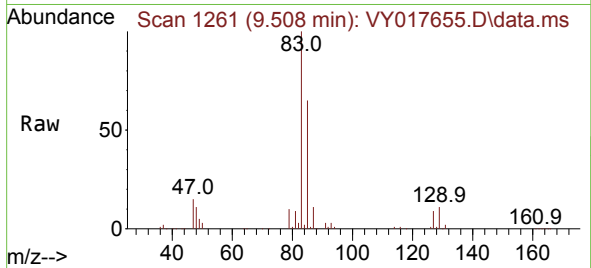




#47
Bromodichloromethane
Concen: 49.918 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

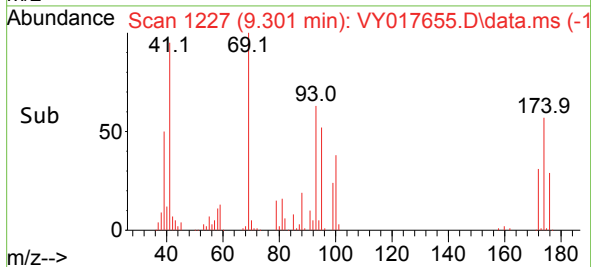
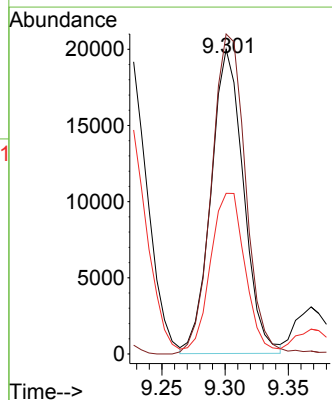
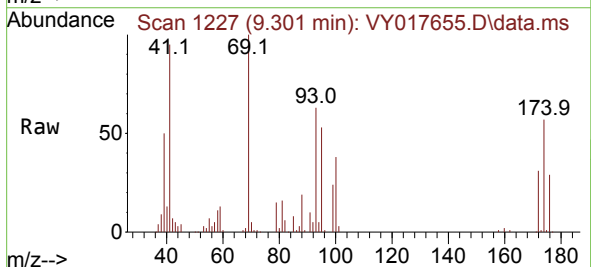
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

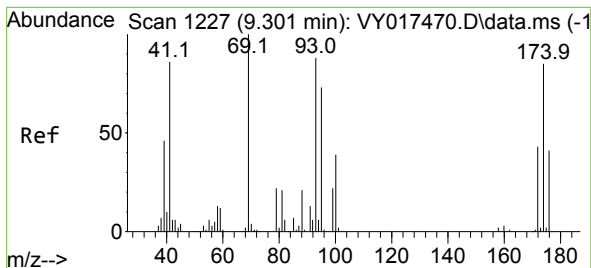
Tgt Ion: 83 Resp: 122335
Ion Ratio Lower Upper
83 100
85 65.3 50.1 75.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 44.525 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 41 Resp: 35705
Ion Ratio Lower Upper
41 100
69 110.3 84.1 126.1
39 53.2 43.6 65.4





#49

1,4-Dioxane

Concen: 872.656 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

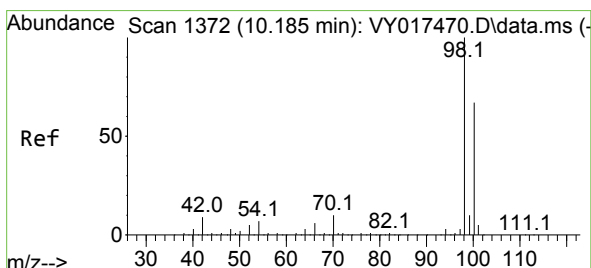
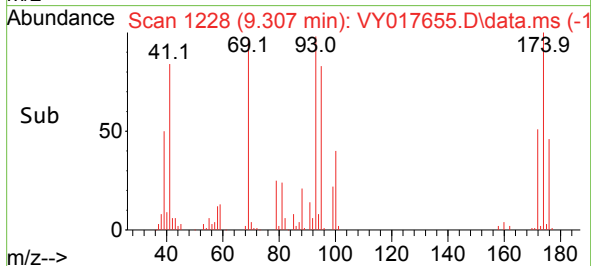
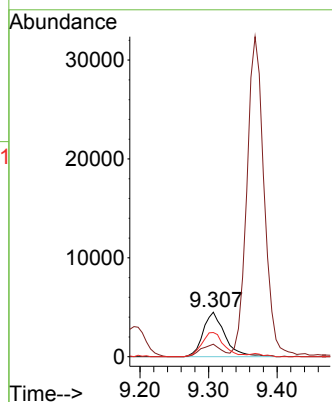
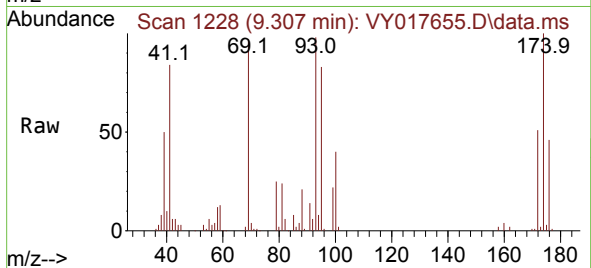
Tgt Ion: 88 Resp: 9968

Ion Ratio Lower Upper

88 100

43 26.2 0.0 0.0#

58 55.5 49.3 73.9



#50

Toluene-d8

Concen: 42.539 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017655.D

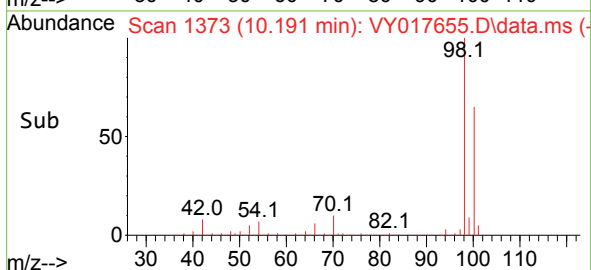
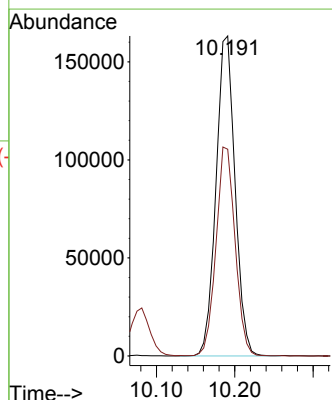
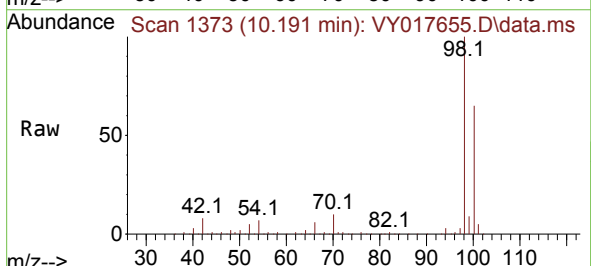
Acq: 14 Mar 2024 09:52

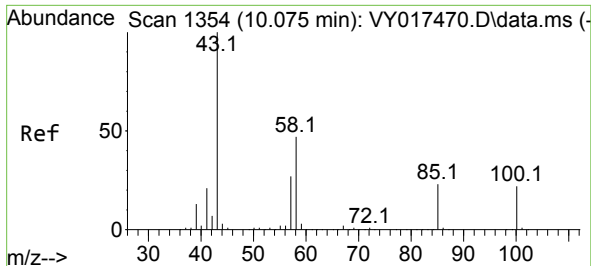
Tgt Ion: 98 Resp: 275162

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 213.175 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

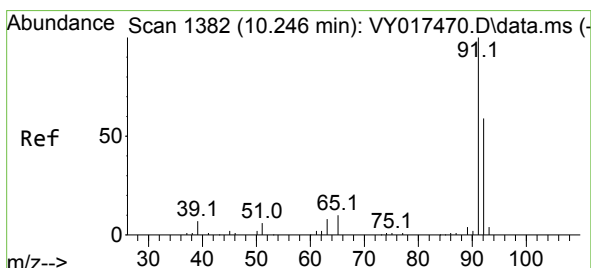
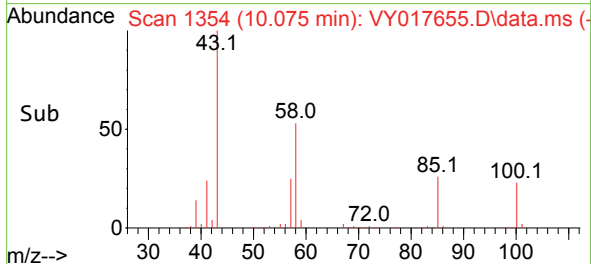
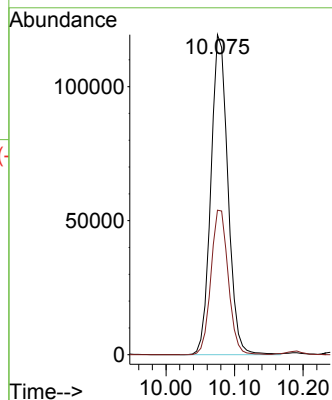
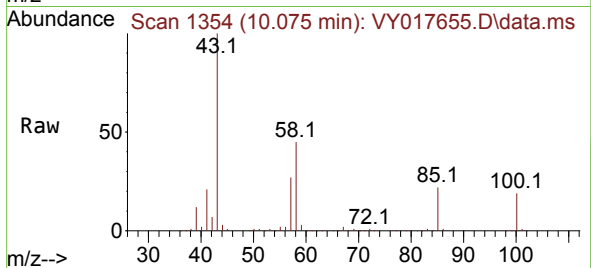
VSTDCCC050

Tgt Ion: 43 Resp: 205828

Ion Ratio Lower Upper

43 100

58 46.0 35.7 53.5



#52

Toluene

Concen: 50.448 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY017655.D

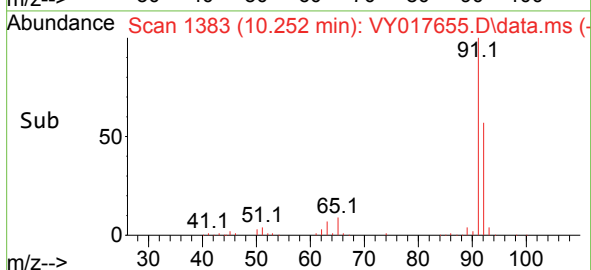
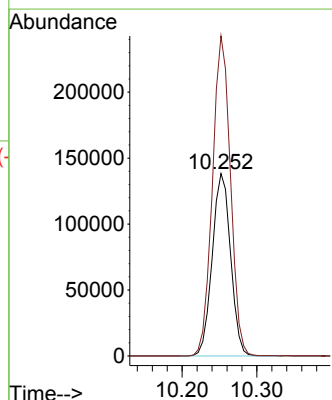
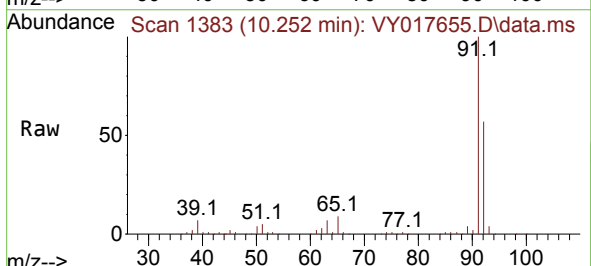
Acq: 14 Mar 2024 09:52

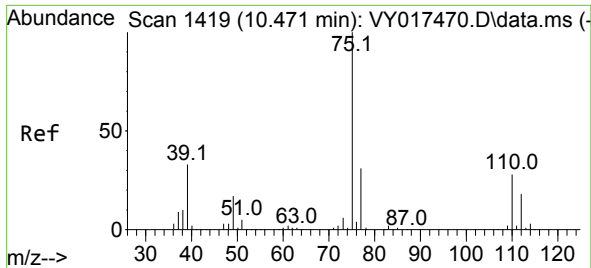
Tgt Ion: 92 Resp: 235750

Ion Ratio Lower Upper

92 100

91 172.7 139.0 208.6

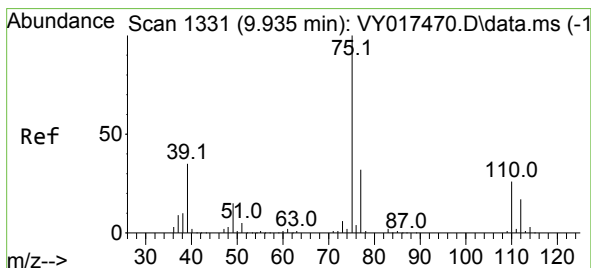
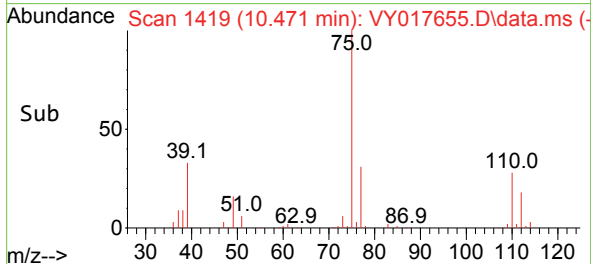
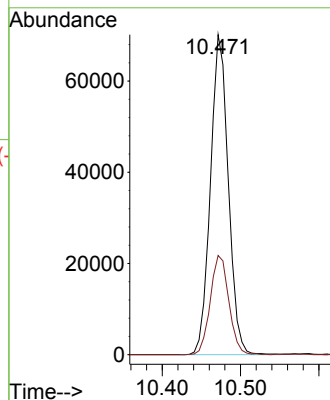
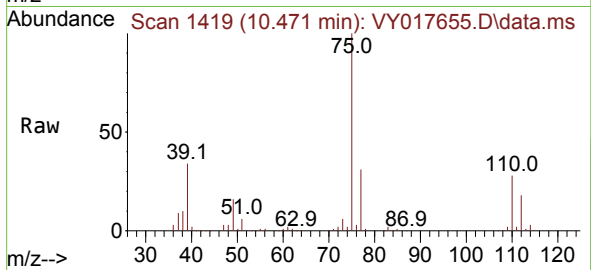




#53
 t-1,3-Dichloropropene
 Concen: 48.826 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017655.D
 Acq: 14 Mar 2024 09:52

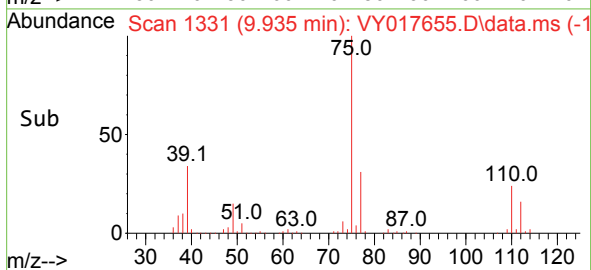
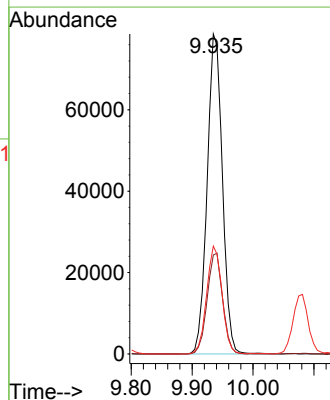
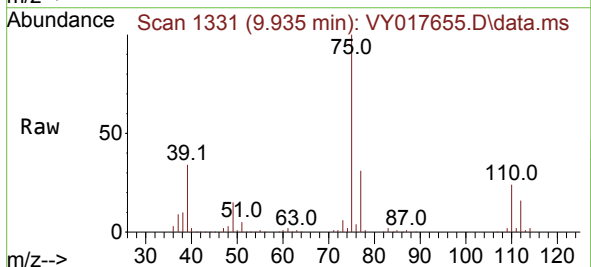
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

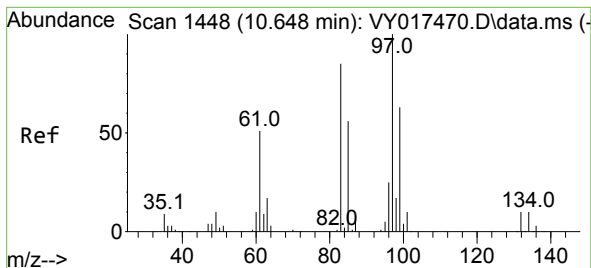
Tgt Ion: 75 Resp: 111064
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 49.481 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017655.D
 Acq: 14 Mar 2024 09:52

Tgt Ion: 75 Resp: 136763
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.0
 39 33.7 29.8 44.6

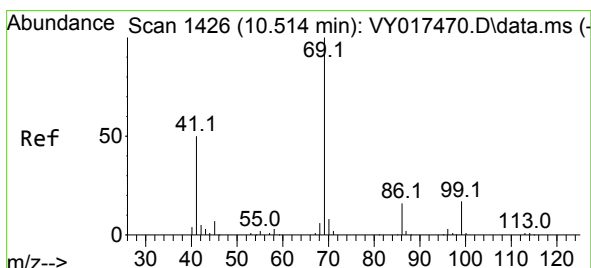
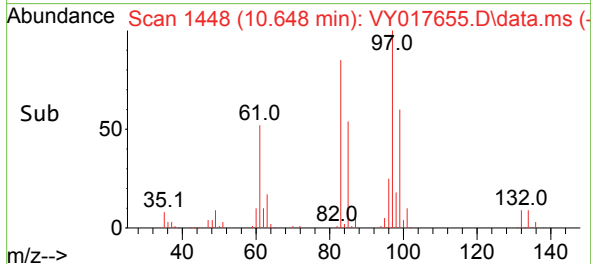
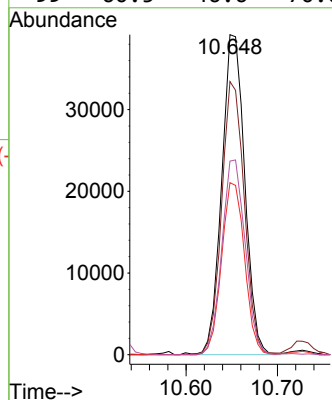
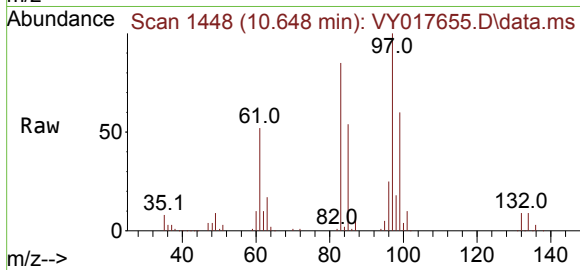




#55
 1,1,2-Trichloroethane
 Concen: 47.937 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. 0.000 min
 Lab File: VY017655.D
 Acq: 14 Mar 2024 09:52

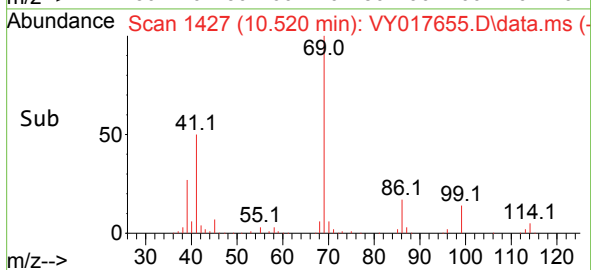
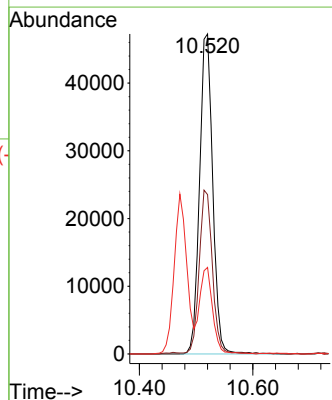
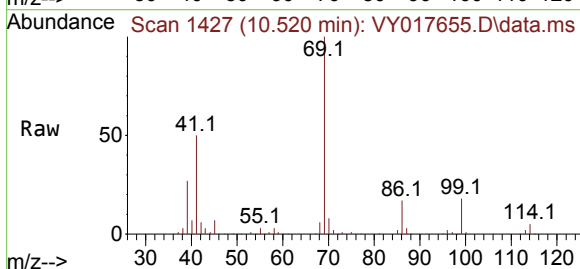
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

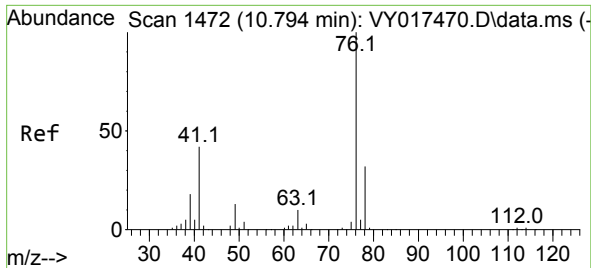
Tgt Ion:	97	Resp:	68696
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.5	101.3
85	53.7	42.9	64.3
99	60.5	46.6	70.0



#56
 Ethyl methacrylate
 Concen: 43.526 ug/l
 RT: 10.520 min Scan# 1427
 Delta R.T. 0.006 min
 Lab File: VY017655.D
 Acq: 14 Mar 2024 09:52

Tgt Ion:	69	Resp:	76124
Ion	Ratio	Lower	Upper
69	100		
41	50.5	42.3	63.5
39	26.9	22.9	34.3

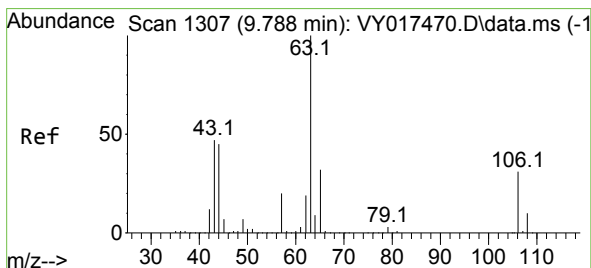
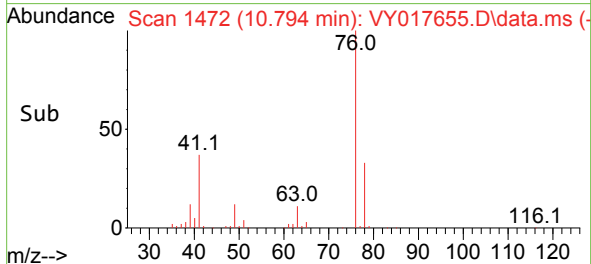
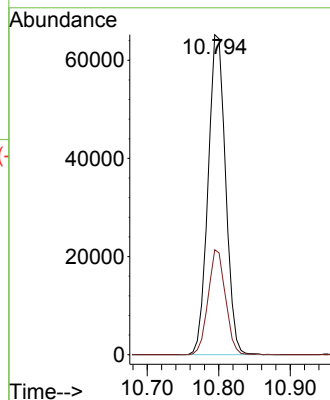
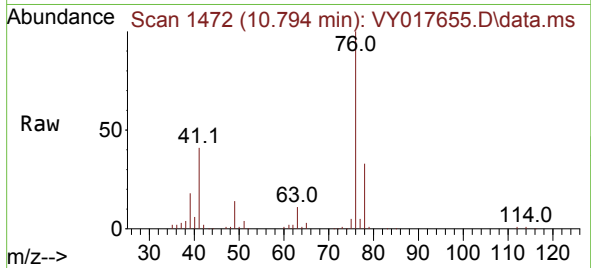




#57
1,3-Dichloropropane
Concen: 47.583 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

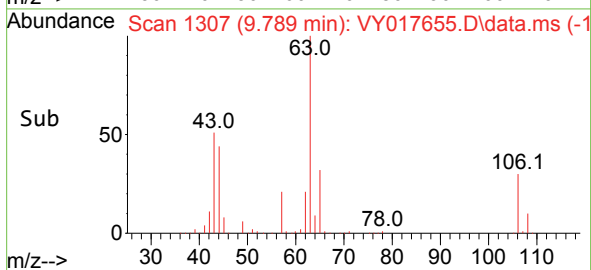
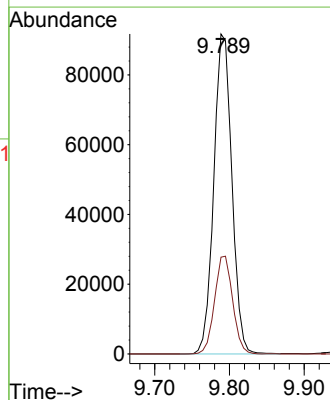
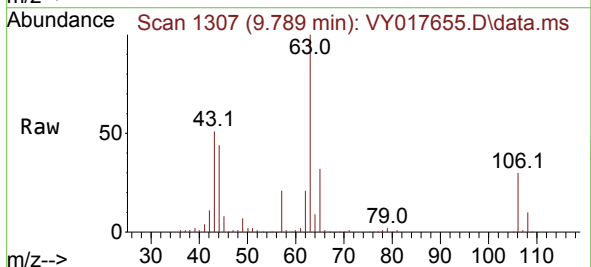
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

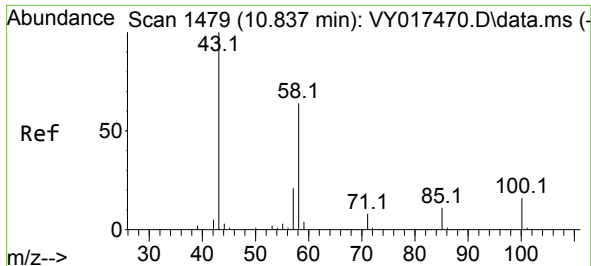
Tgt Ion: 76 Resp: 110864
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 186.362 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 63 Resp: 154110
Ion Ratio Lower Upper
63 100
106 30.5 23.7 35.5

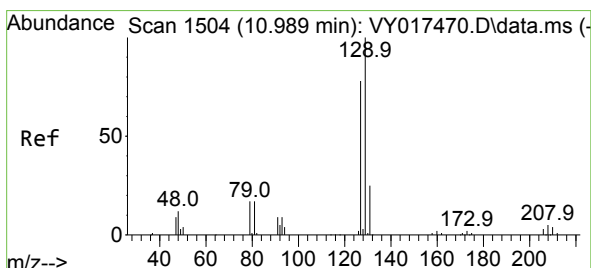
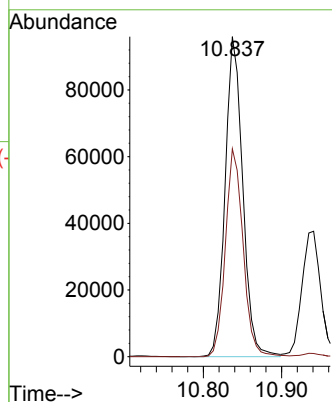
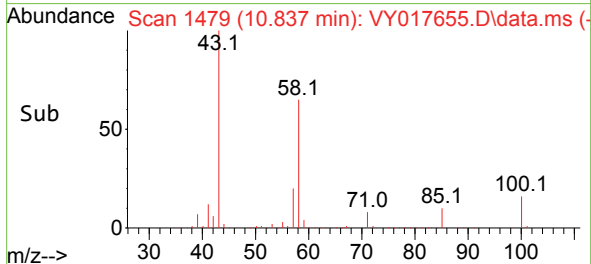
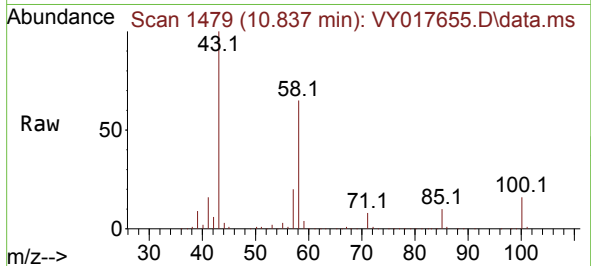




#59
2-Hexanone
Concen: 226.455 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

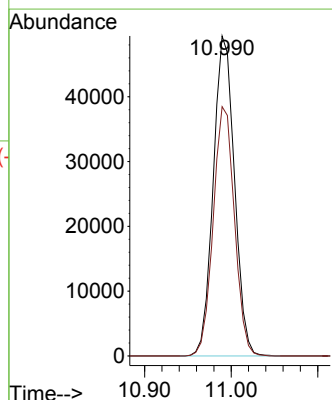
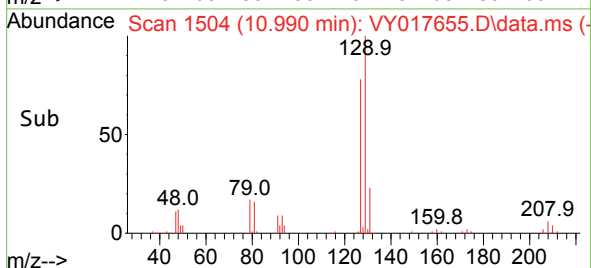
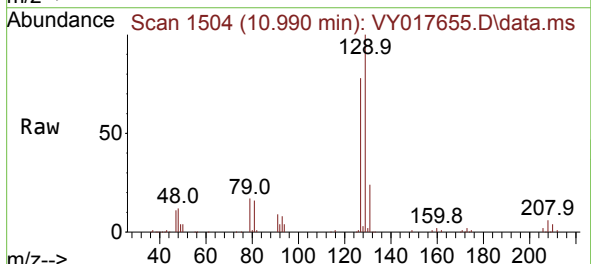
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

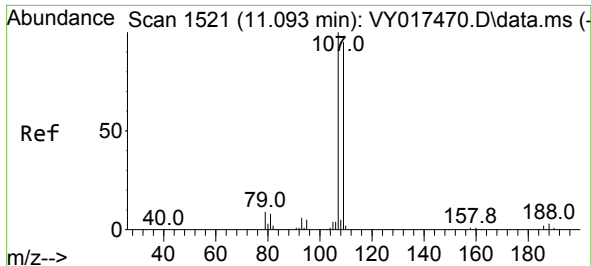
Tgt Ion: 43 Resp: 150186
Ion Ratio Lower Upper
43 100
58 65.2 31.4 94.0



#60
Dibromochloromethane
Concen: 49.461 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 129 Resp: 83852
Ion Ratio Lower Upper
129 100
127 78.1 39.0 117.0

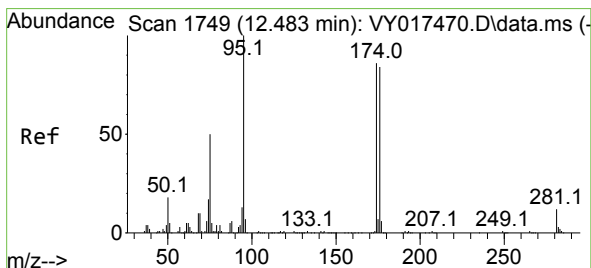
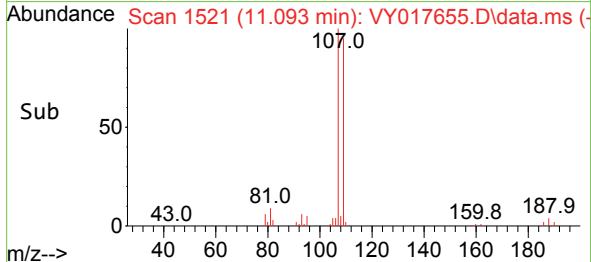
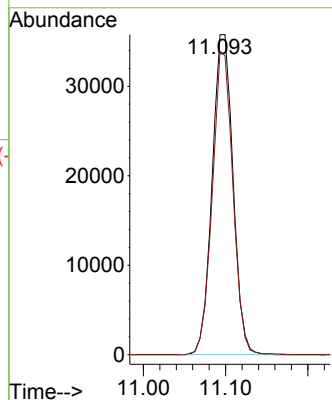
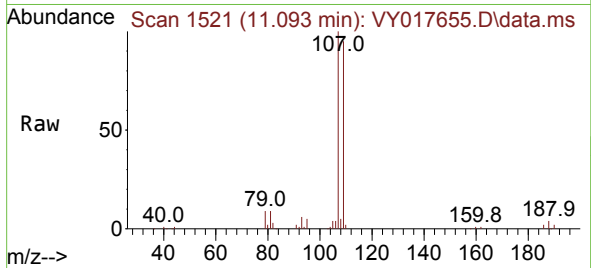




#61
1,2-Dibromoethane
Concen: 47.737 ug/l
RT: 11.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

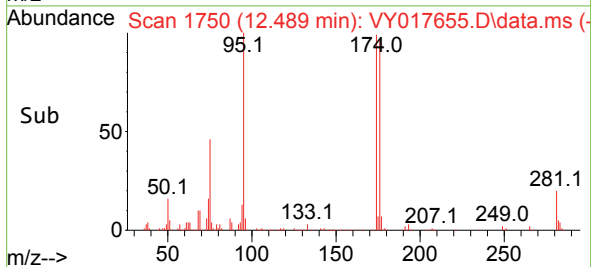
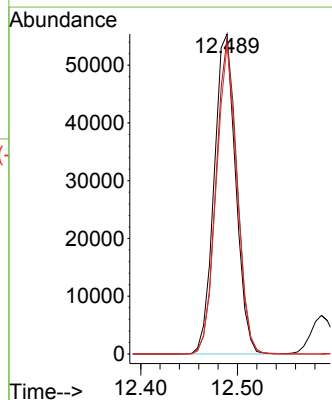
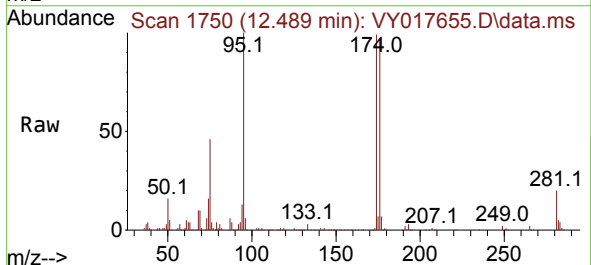
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

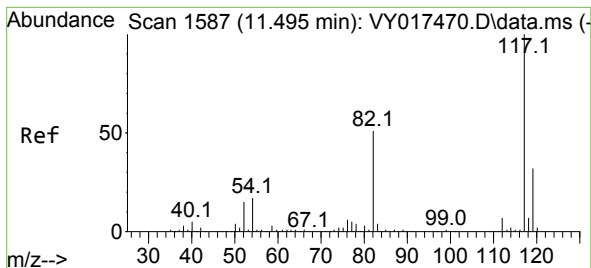
Tgt Ion:107 Resp: 63042
Ion Ratio Lower Upper
107 100
109 93.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 42.224 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 95 Resp: 85835
Ion Ratio Lower Upper
95 100
174 96.2 0.0 175.6
176 92.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

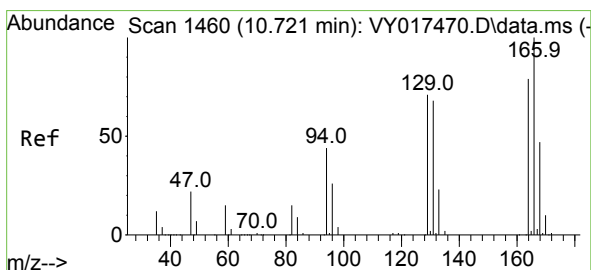
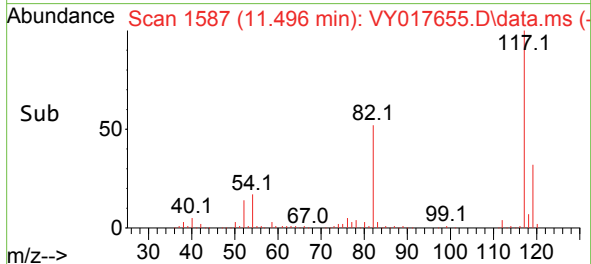
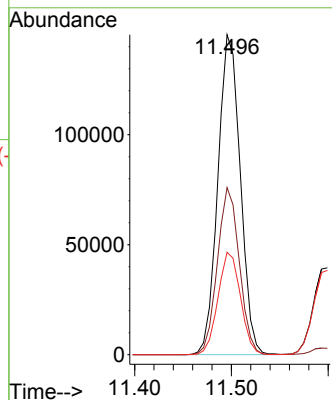
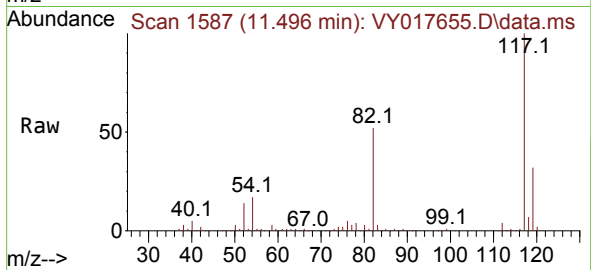
Tgt Ion:117 Resp: 233992

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 46.786 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Tgt Ion:164 Resp: 105077

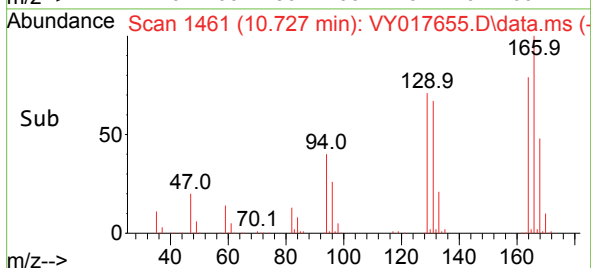
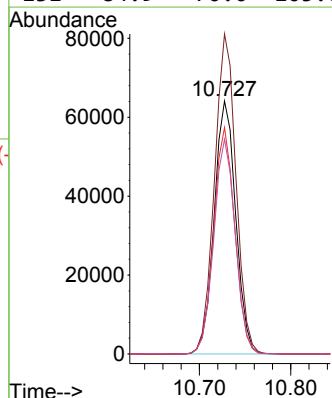
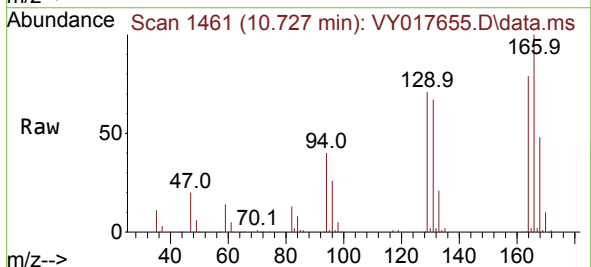
Ion Ratio Lower Upper

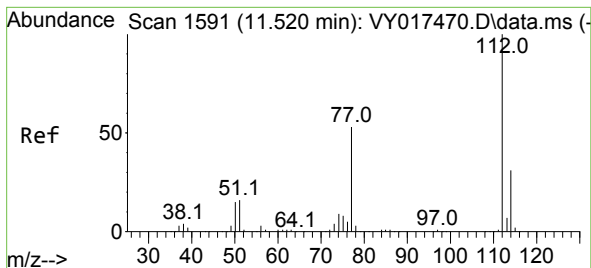
164 100

166 126.5 102.6 154.0

129 89.5 72.0 108.0

131 84.9 70.0 105.0





#65

Chlorobenzene

Concen: 50.812 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

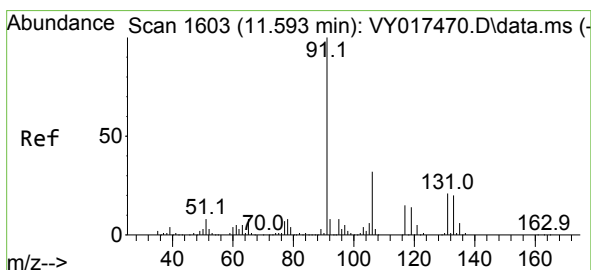
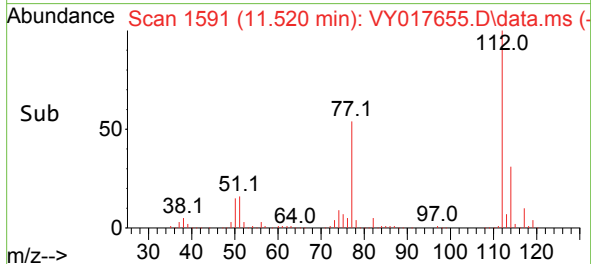
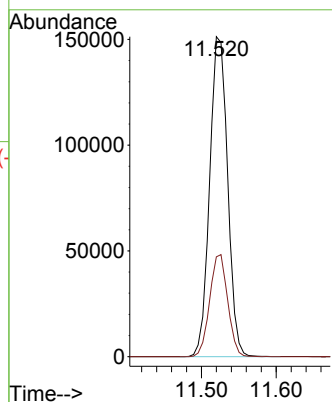
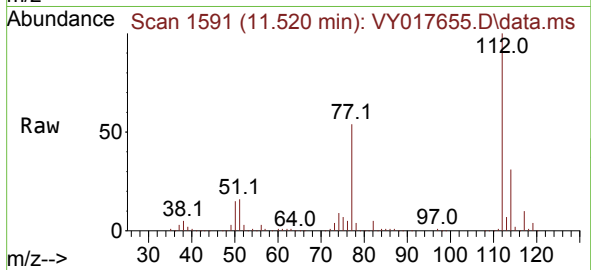
VSTDCCC050

Tgt Ion:112 Resp: 252367

Ion Ratio Lower Upper

112 100

114 31.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.700 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

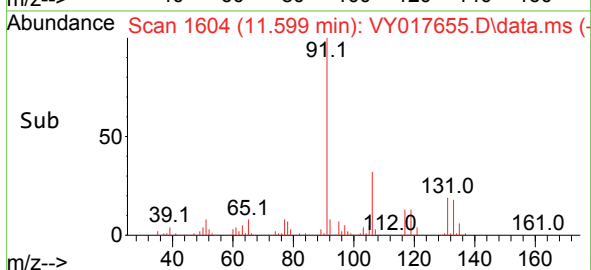
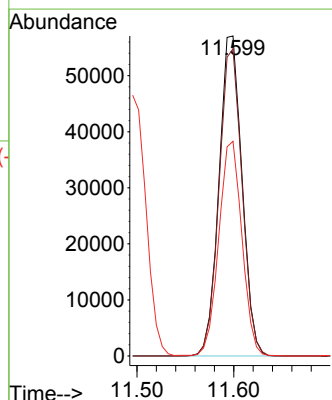
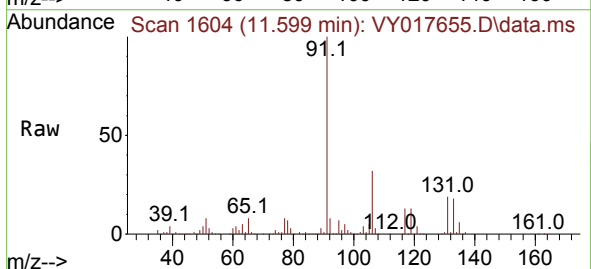
Tgt Ion:131 Resp: 94336

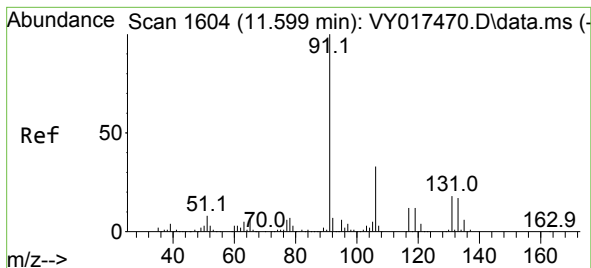
Ion Ratio Lower Upper

131 100

133 95.7 47.8 143.3

119 67.4 34.1 102.2





#67

Ethyl Benzene

Concen: 51.956 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

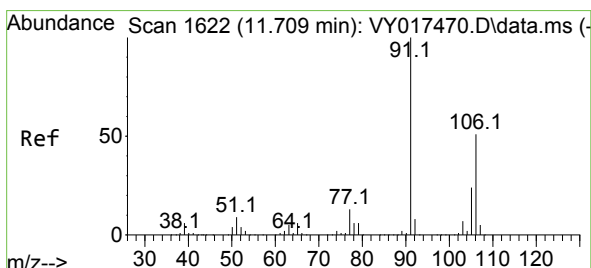
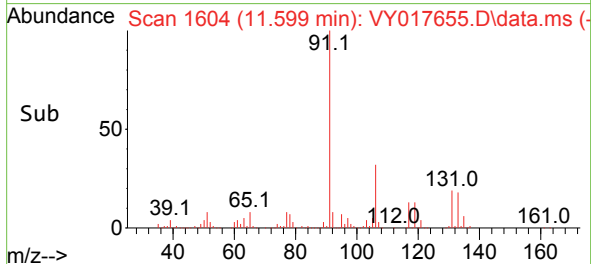
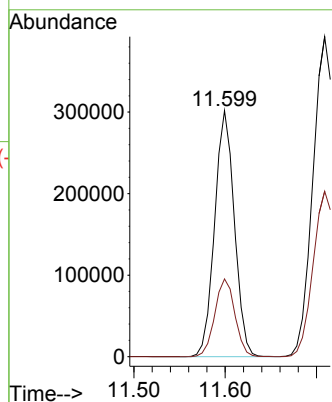
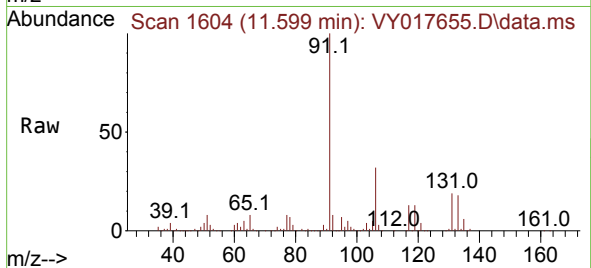
VSTDCCC050

Tgt Ion: 91 Resp: 452555

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 105.263 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017655.D

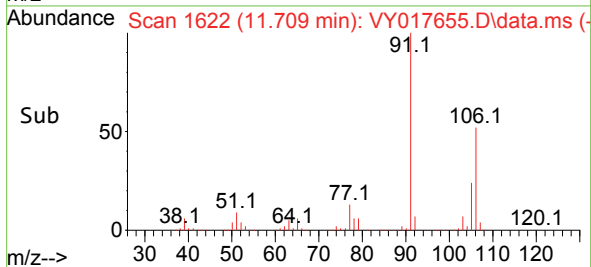
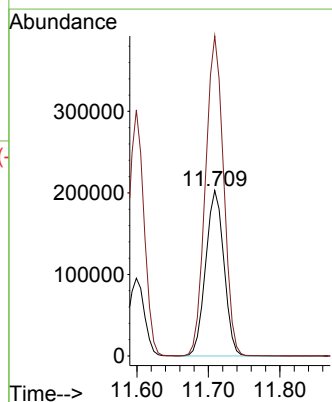
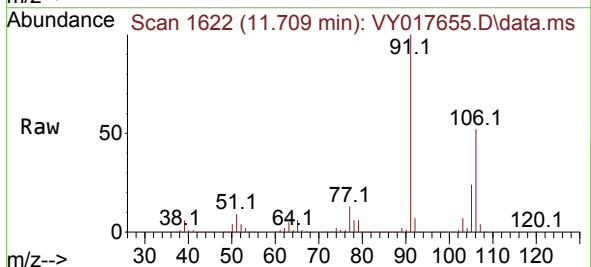
Acq: 14 Mar 2024 09:52

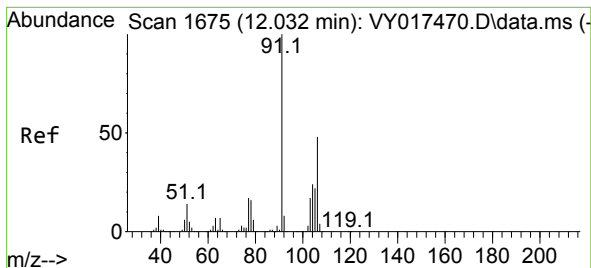
Tgt Ion: 106 Resp: 360276

Ion Ratio Lower Upper

106 100

91 192.0 156.0 234.0





#69

o-Xylene

Concen: 53.487 ug/l

RT: 12.038 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

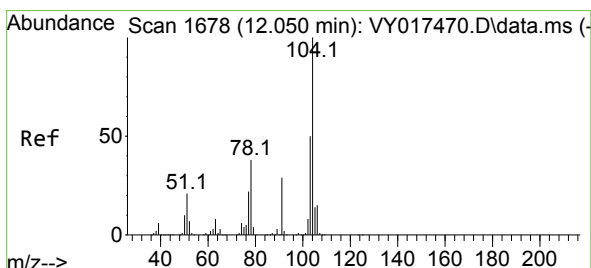
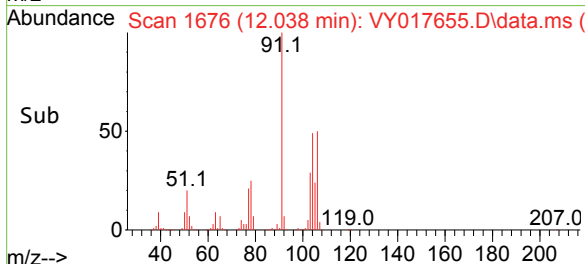
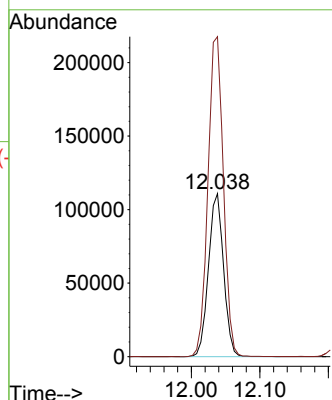
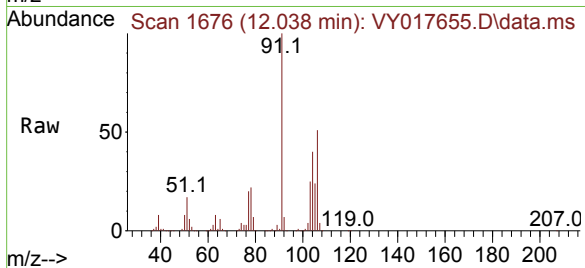
VSTDCCC050

Tgt Ion:106 Resp: 169837

Ion Ratio Lower Upper

106 100

91 200.9 103.6 310.8



#70

Styrene

Concen: 53.043 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

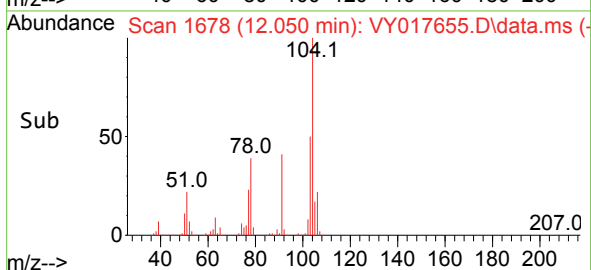
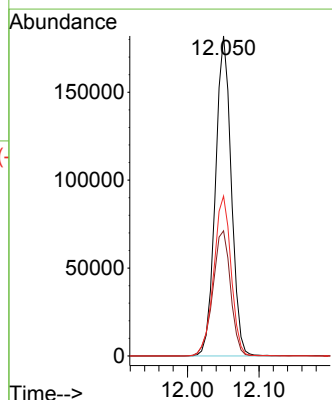
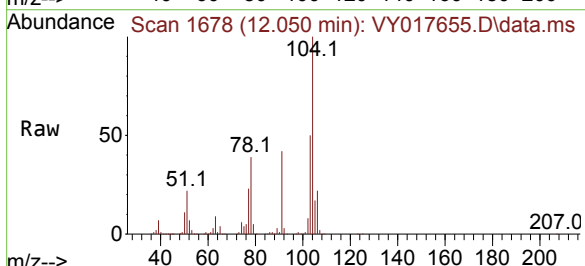
Tgt Ion:104 Resp: 279571

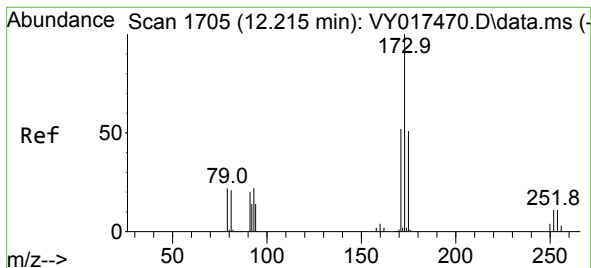
Ion Ratio Lower Upper

104 100

78 43.8 37.0 55.4

103 54.6 44.2 66.2





#71

Bromoform

Concen: 49.352 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

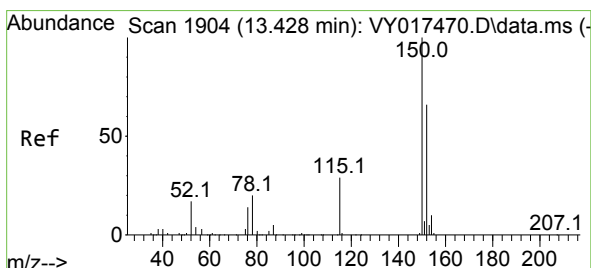
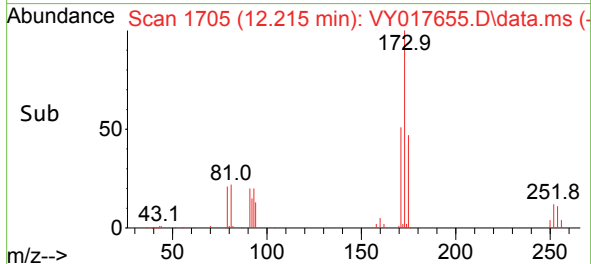
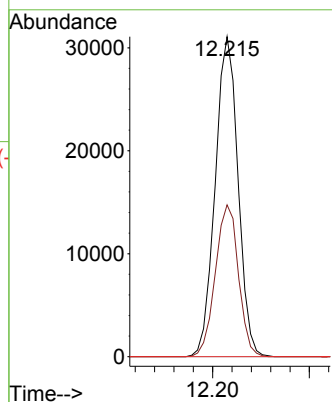
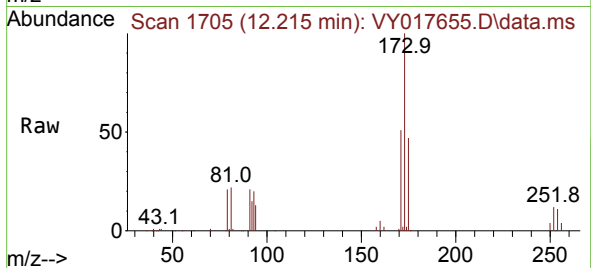
Tgt Ion:173 Resp: 50886

Ion Ratio Lower Upper

173 100

175 48.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

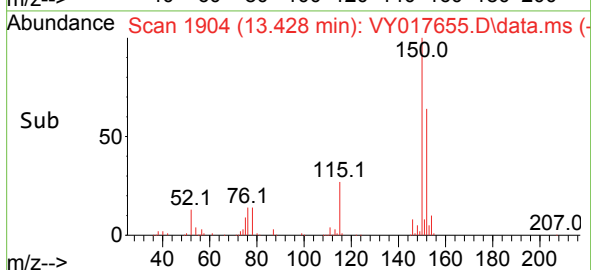
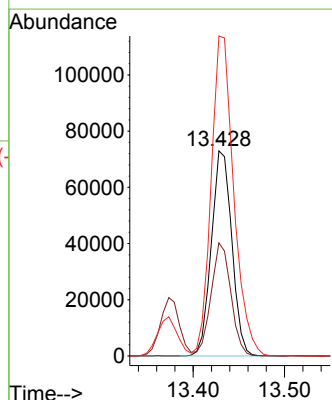
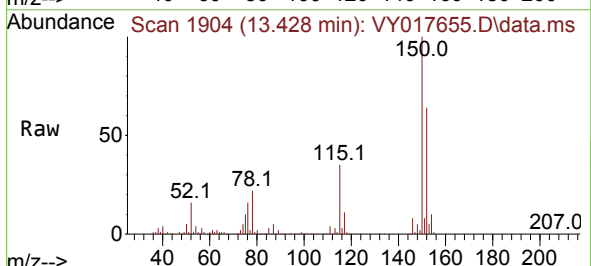
Tgt Ion:152 Resp: 113578

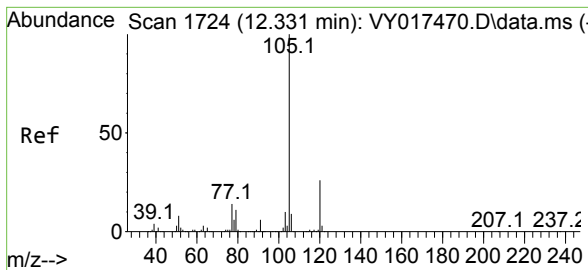
Ion Ratio Lower Upper

152 100

115 53.4 28.2 84.7

150 172.2 0.0 345.6

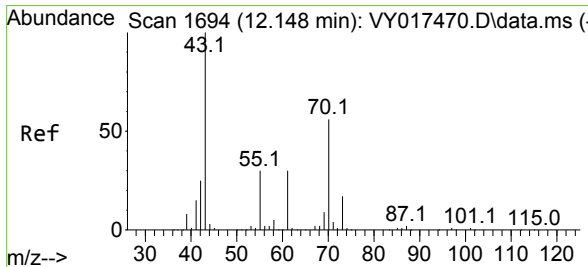
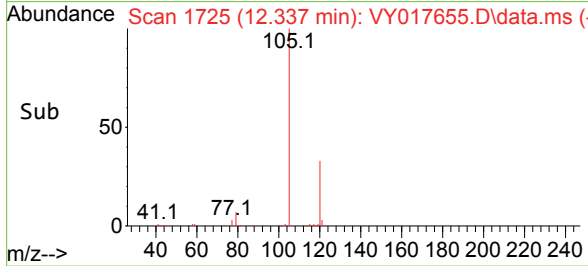
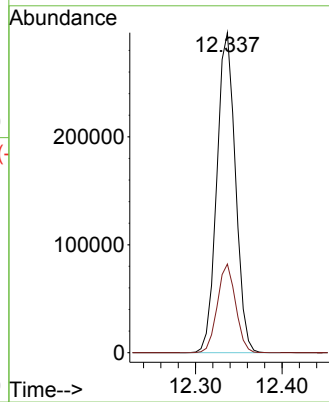
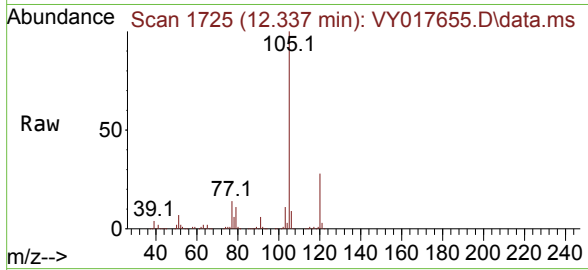




#73
Isopropylbenzene
Concen: 52.373 ug/l
RT: 12.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

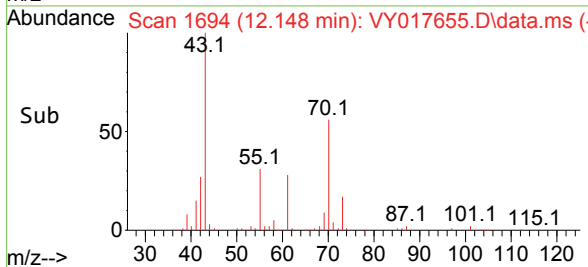
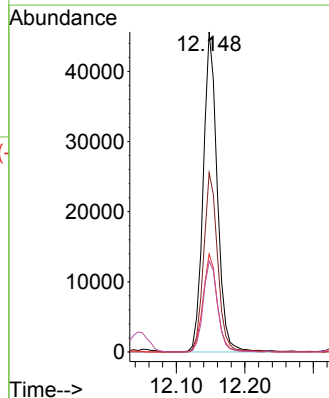
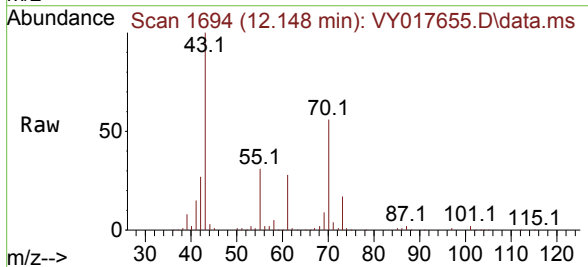
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

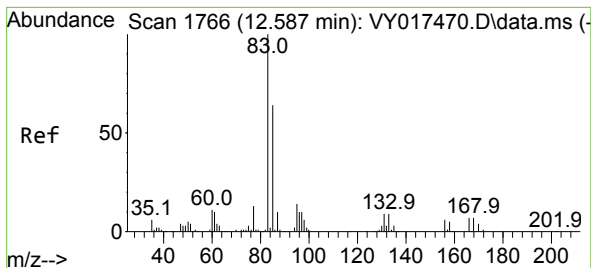
Tgt Ion:105 Resp: 441931
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.1



#74
N-ethyl acetate
Concen: 43.796 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 43 Resp: 65180
Ion Ratio Lower Upper
43 100
70 55.7 41.4 62.2
55 31.1 23.3 34.9
61 29.0 22.6 33.8

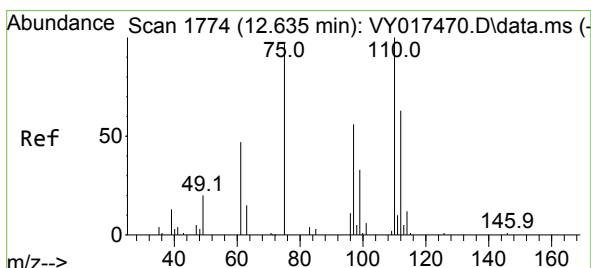
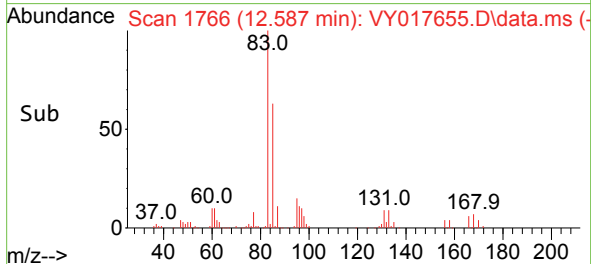
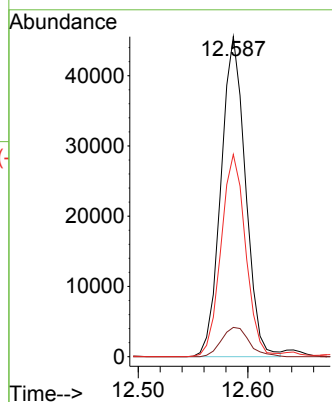
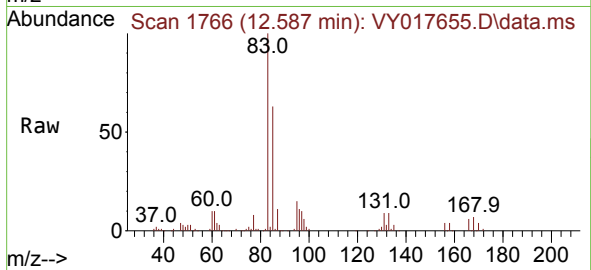




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.850 ug/l
 RT: 12.587 min Scan# 1766
 Delta R.T. 0.000 min
 Lab File: VY017655.D
 Acq: 14 Mar 2024 09:52

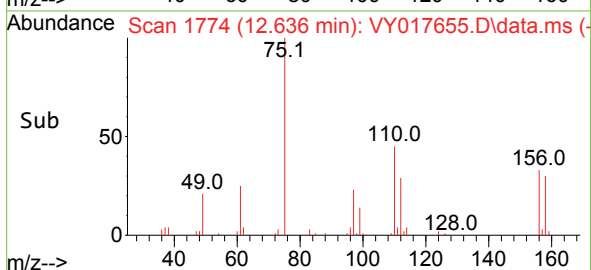
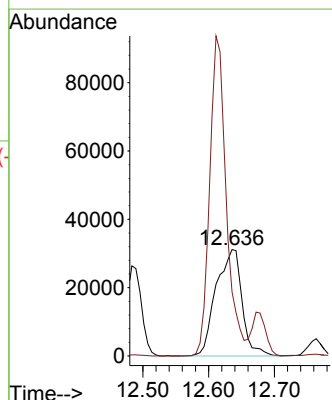
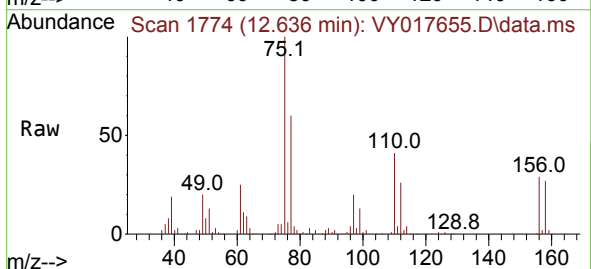
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

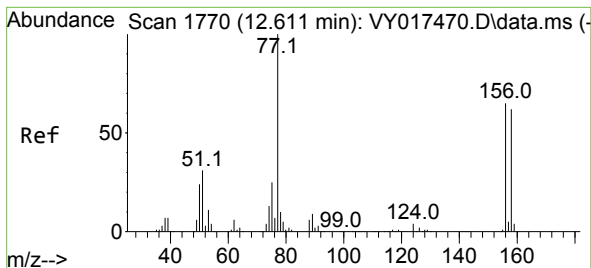
Tgt Ion: 83 Resp: 70784
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.0 14.9
 85 63.6 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 79.263 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.000 min
 Lab File: VY017655.D
 Acq: 14 Mar 2024 09:52

Tgt Ion: 75 Resp: 85538
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.325 ug/l

RT: 12.617 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

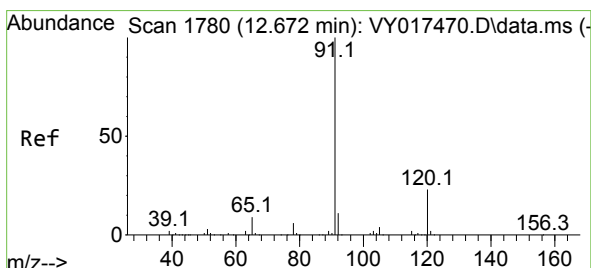
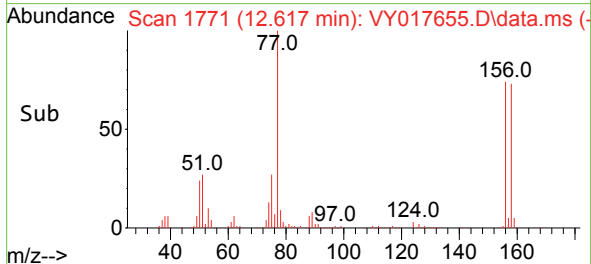
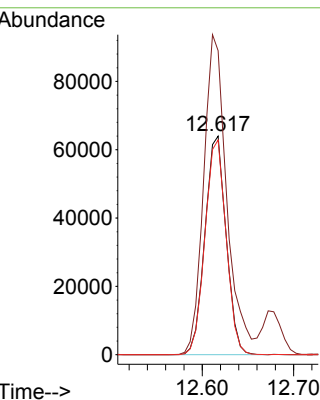
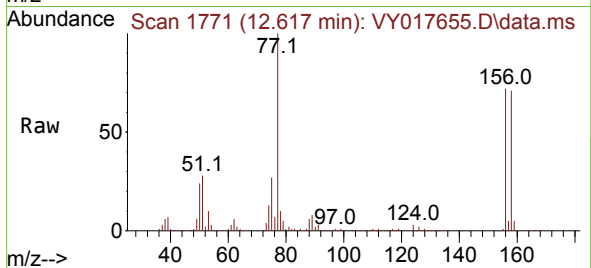
Tgt Ion:156 Resp: 102837

Ion Ratio Lower Upper

156 100

77 159.7 87.1 261.3

158 98.3 48.6 145.9



#78

n-propylbenzene

Concen: 52.205 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY017655.D

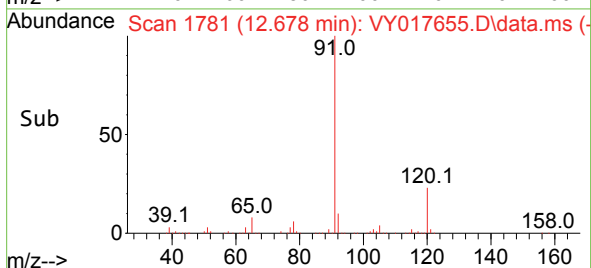
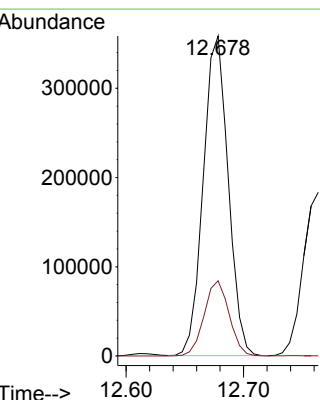
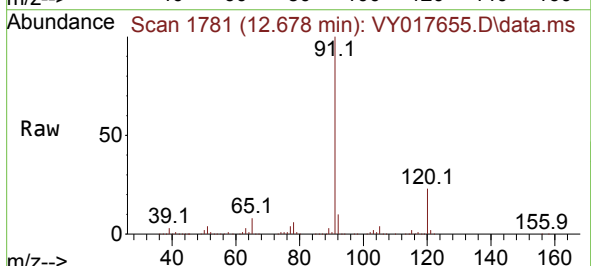
Acq: 14 Mar 2024 09:52

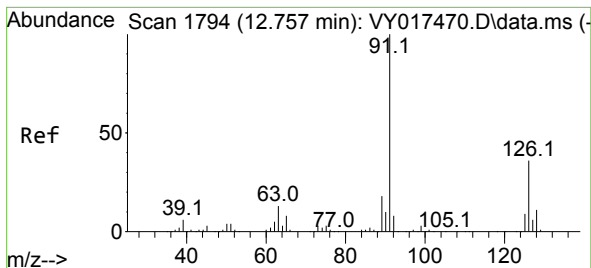
Tgt Ion: 91 Resp: 528572

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

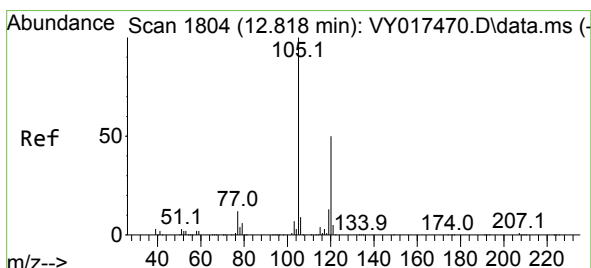
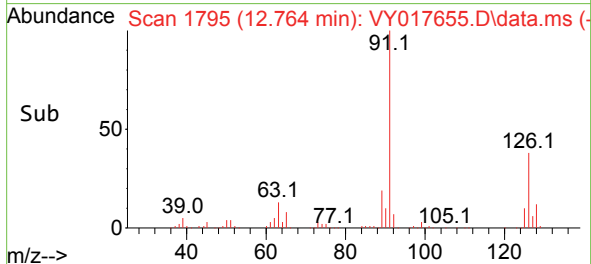
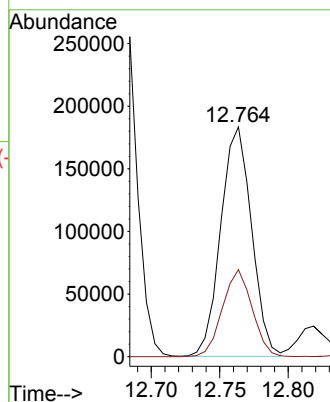
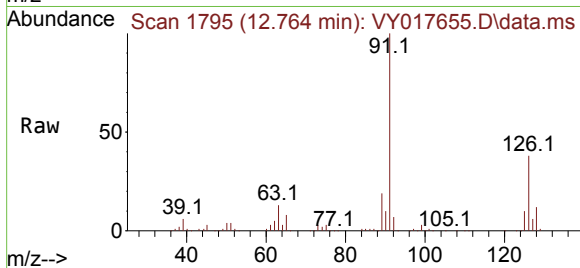




#79
2-Chlorotoluene
Concen: 50.619 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

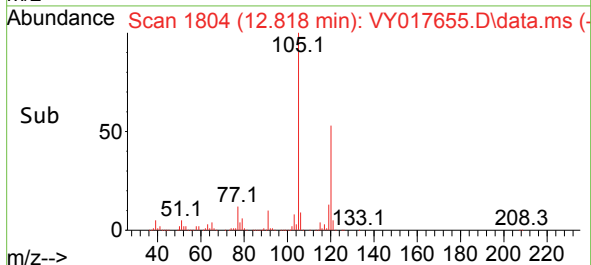
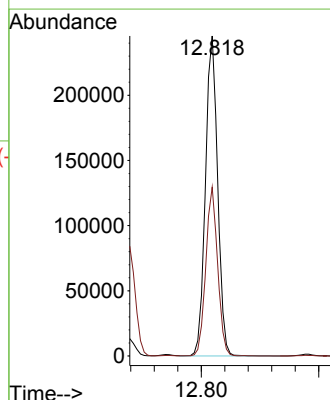
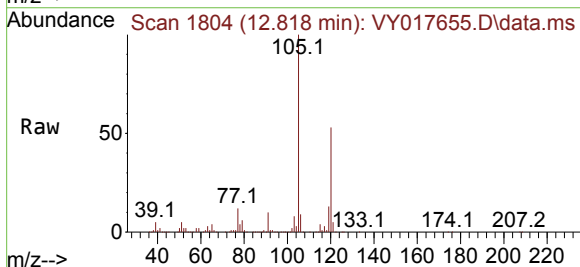
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

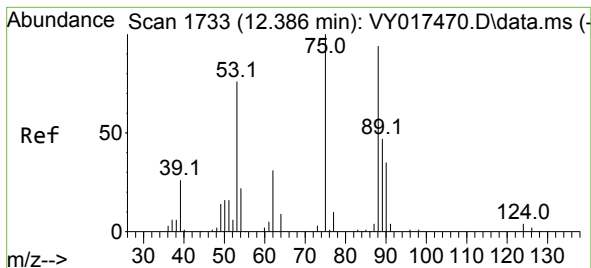
Tgt Ion: 91 Resp: 286941
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 52.426 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 105 Resp: 354418
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.2

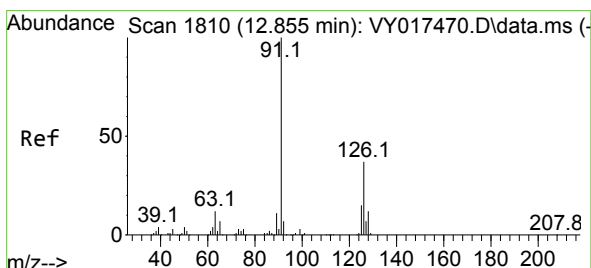
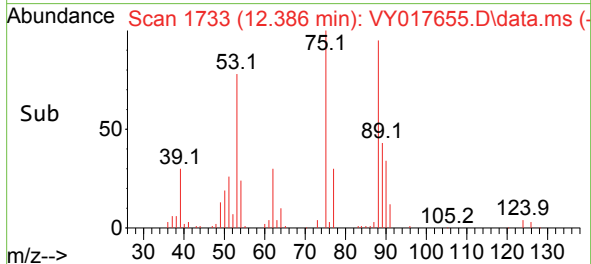
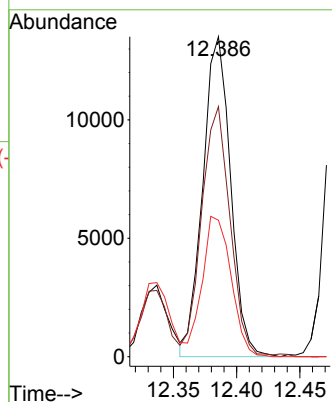
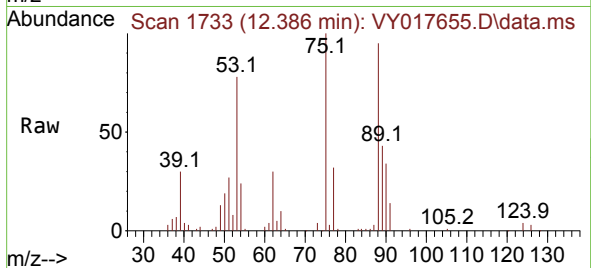




#81
trans-1,4-Dichloro-2-butene
Concen: 44.002 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

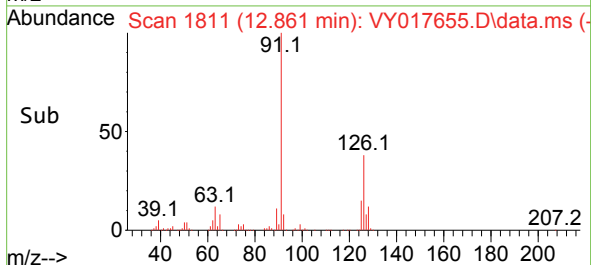
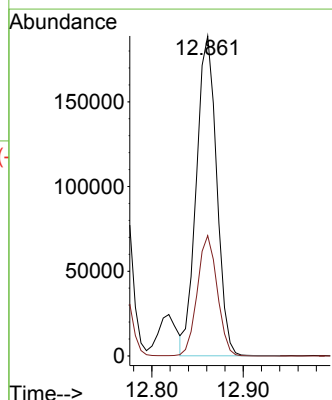
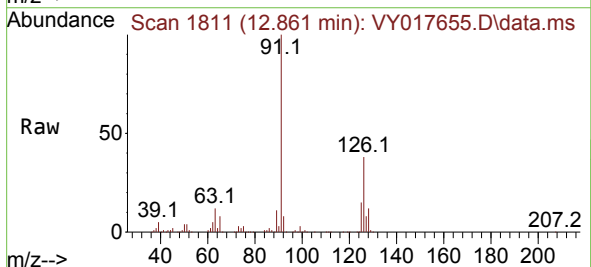
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

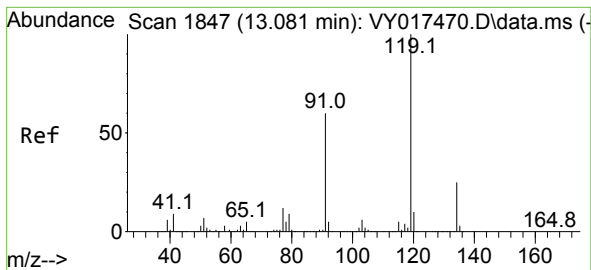
Tgt Ion: 75 Resp: 20666
Ion Ratio Lower Upper
75 100
53 80.2 66.8 100.2
89 45.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 50.177 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 91 Resp: 290925
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 53.205 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

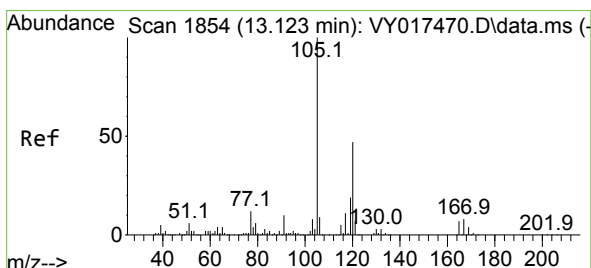
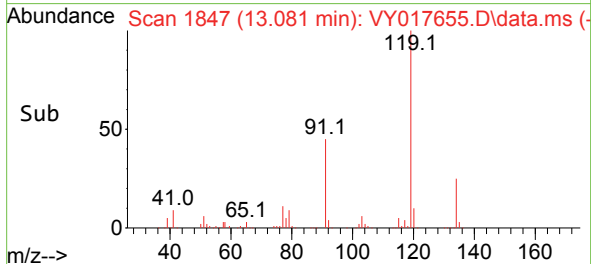
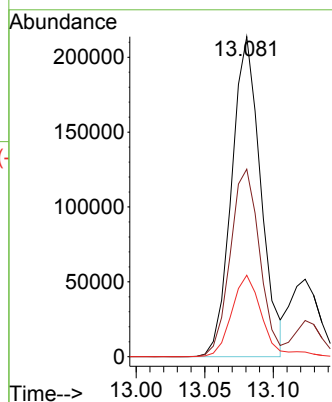
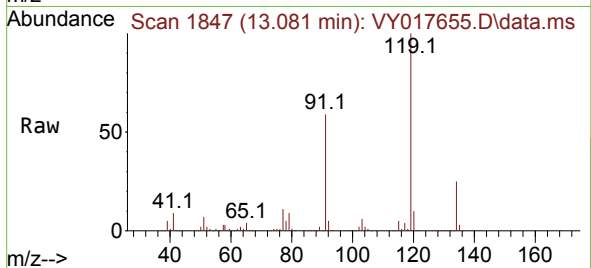
Tgt Ion:119 Resp: 315846

Ion Ratio Lower Upper

119 100

91 59.4 31.3 93.8

134 26.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 52.657 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017655.D

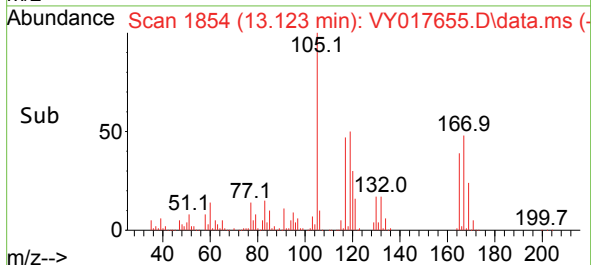
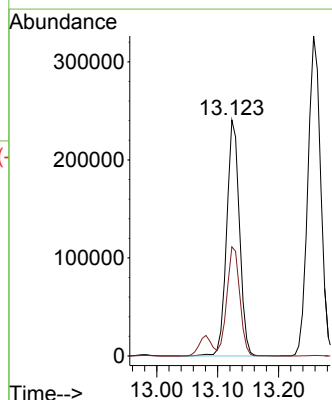
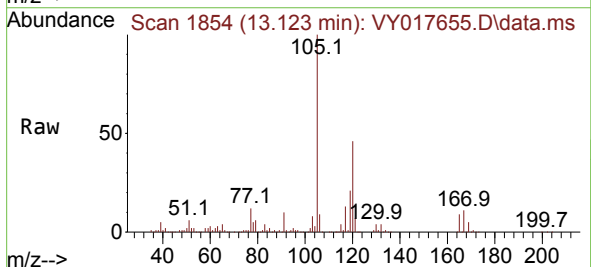
Acq: 14 Mar 2024 09:52

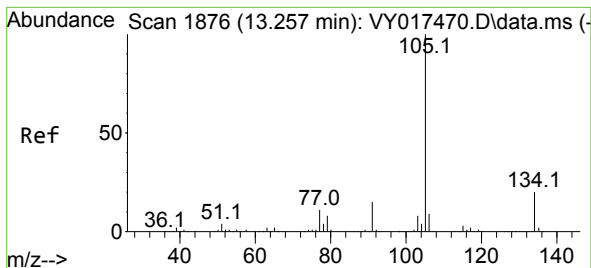
Tgt Ion:105 Resp: 351437

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.450 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

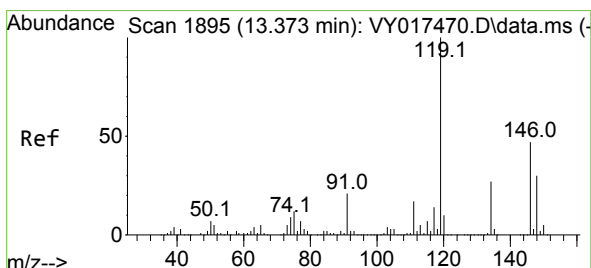
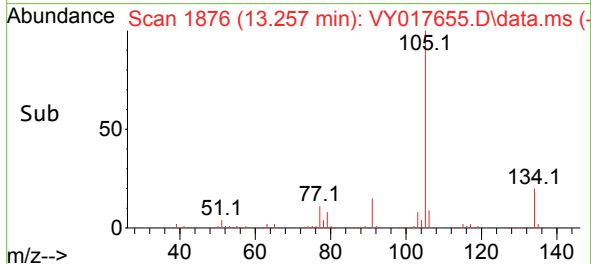
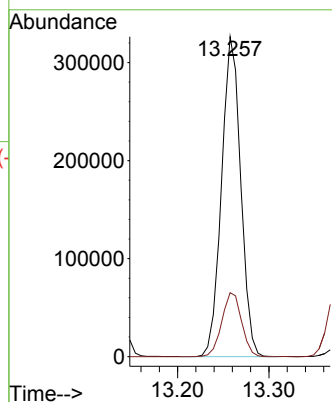
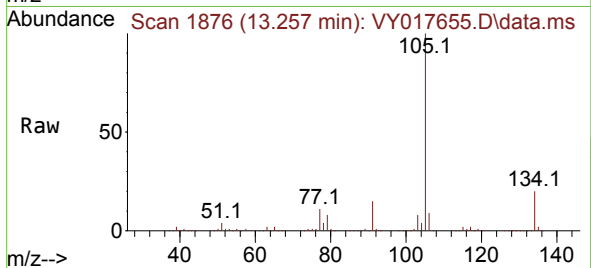
VSTDCCC050

Tgt Ion:105 Resp: 476036

Ion Ratio Lower Upper

105 100

134 20.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 53.480 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

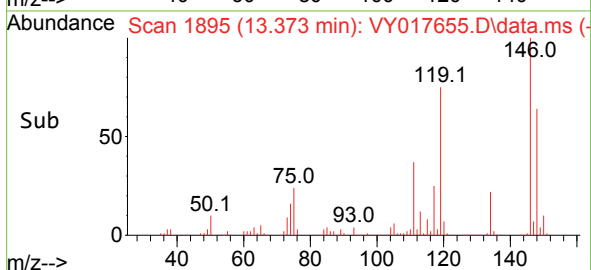
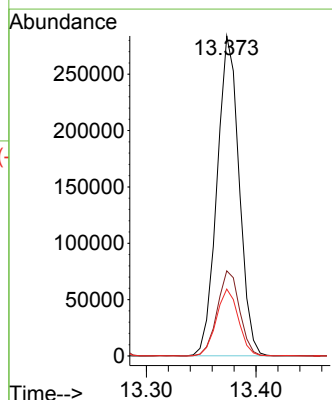
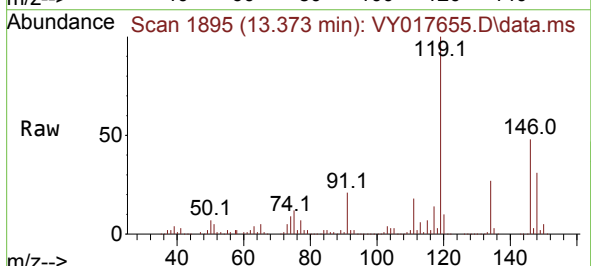
Tgt Ion:119 Resp: 397343

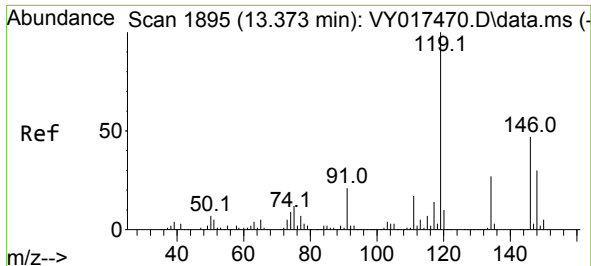
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 20.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 50.684 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

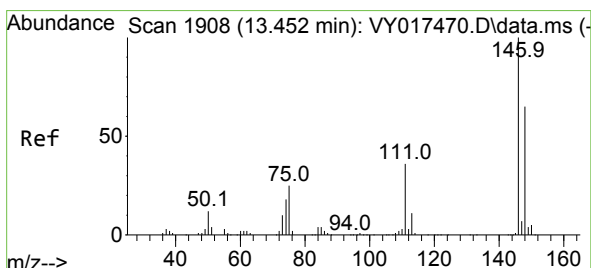
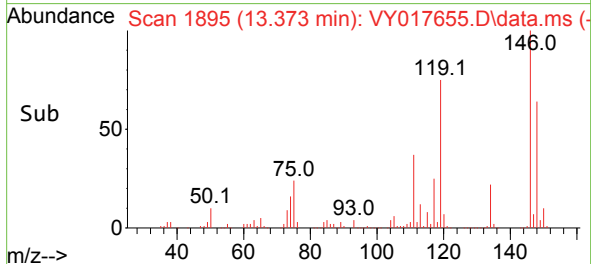
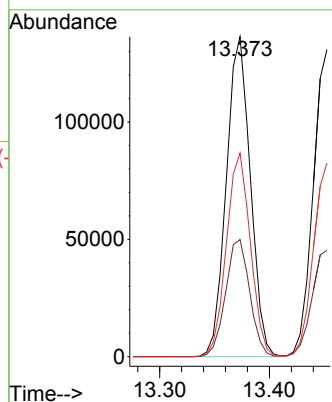
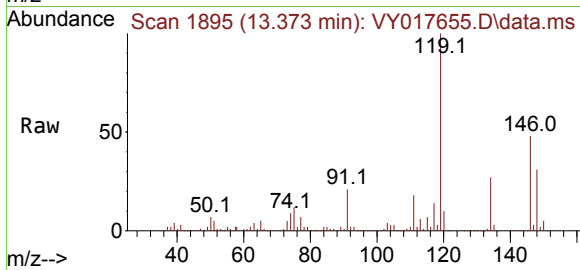
Tgt Ion:146 Resp: 207886

Ion Ratio Lower Upper

146 100

111 36.8 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.657 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

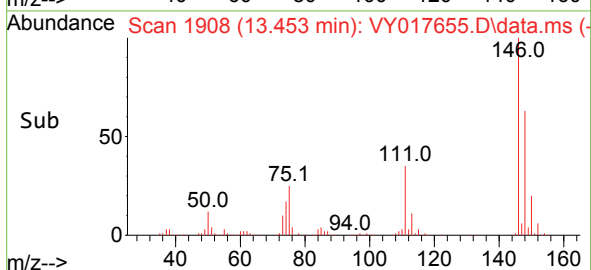
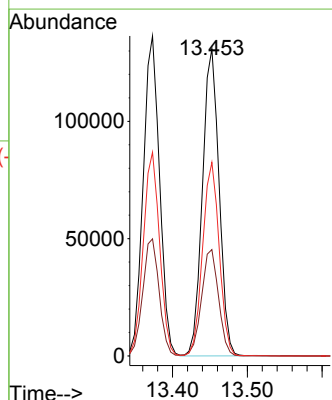
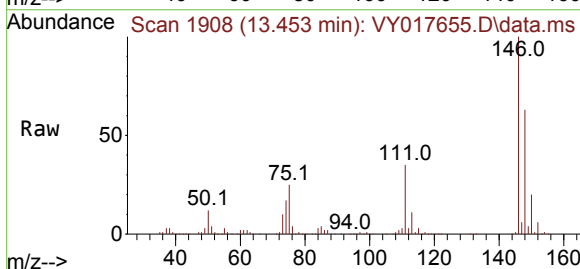
Tgt Ion:146 Resp: 202001

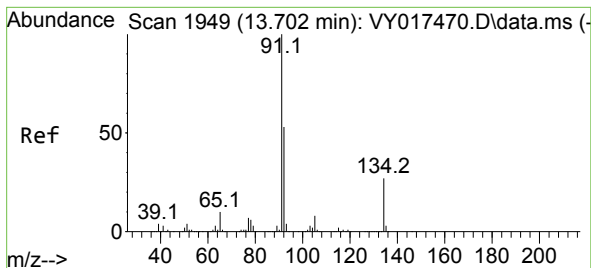
Ion Ratio Lower Upper

146 100

111 35.5 18.4 55.4

148 62.9 32.4 97.2





#89

n-Butylbenzene

Concen: 52.893 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

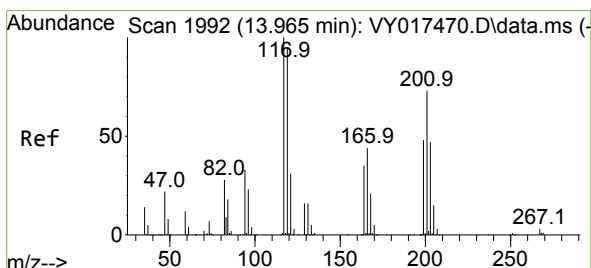
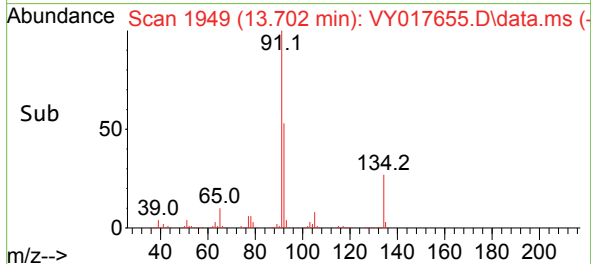
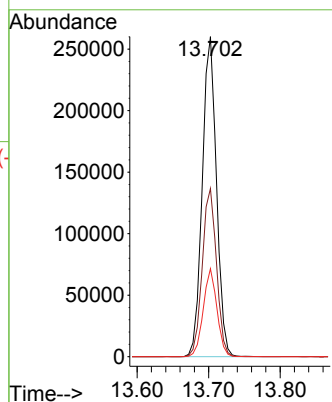
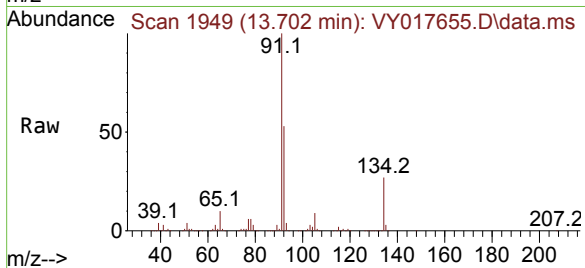
Tgt Ion: 91 Resp: 358543

Ion Ratio Lower Upper

91 100

92 52.7 26.6 79.7

134 26.5 12.9 38.7



#90

Hexachloroethane

Concen: 50.724 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017655.D

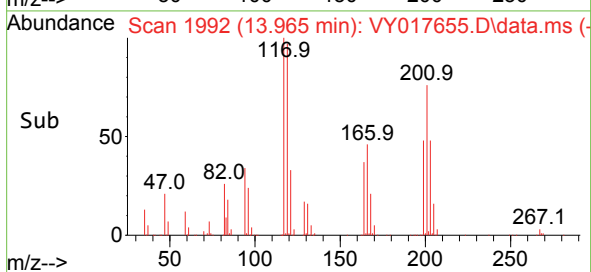
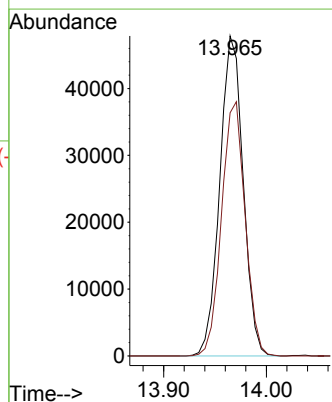
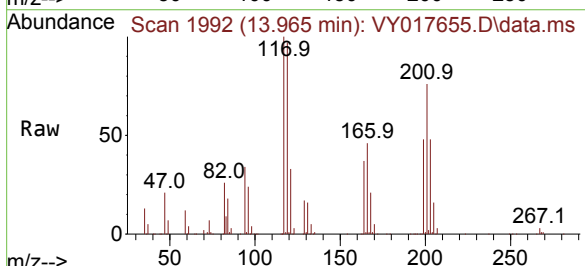
Acq: 14 Mar 2024 09:52

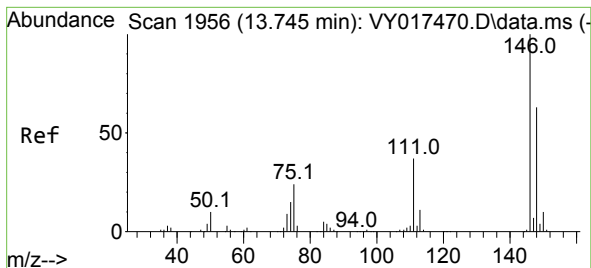
Tgt Ion: 117 Resp: 75554

Ion Ratio Lower Upper

117 100

201 80.1 37.4 112.2

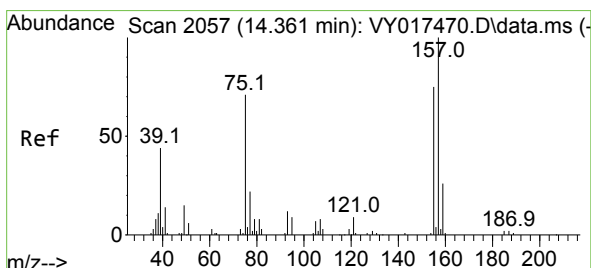
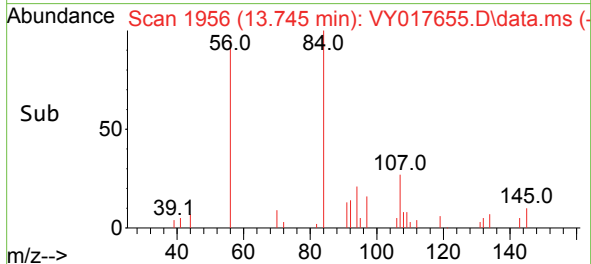
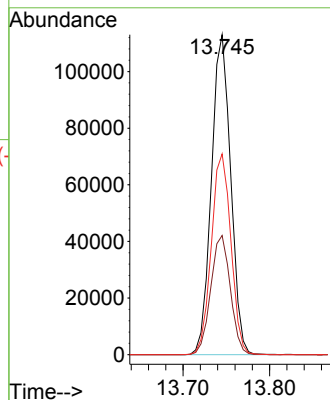
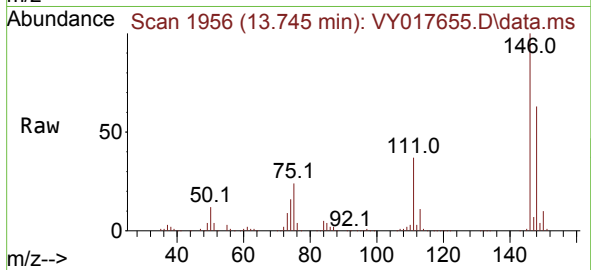




#91
1,2-Dichlorobenzene
Concen: 50.366 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

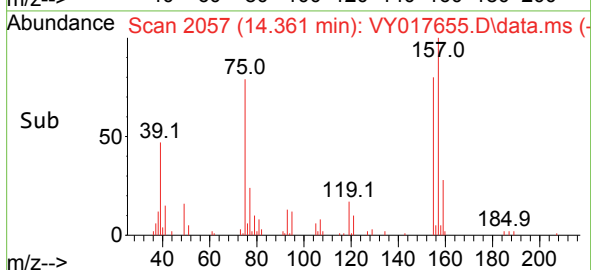
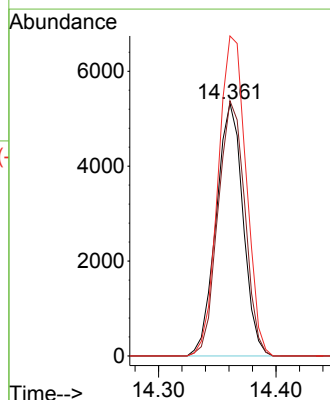
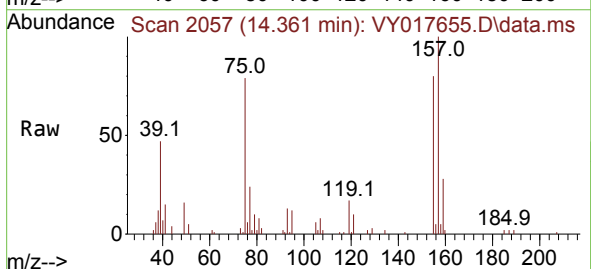
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

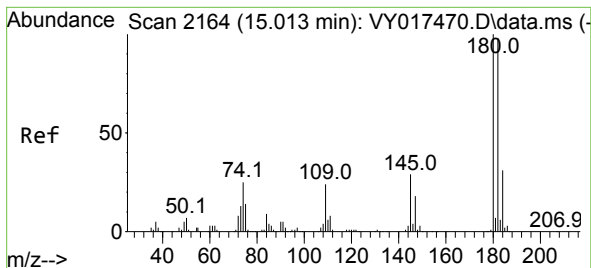
Tgt Ion:146 Resp: 174741
Ion Ratio Lower Upper
146 100
111 37.9 19.9 59.7
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.516 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion: 75 Resp: 8457
Ion Ratio Lower Upper
75 100
155 100.6 48.6 145.8
157 131.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 50.846 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

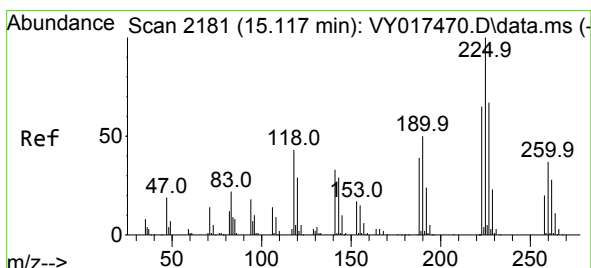
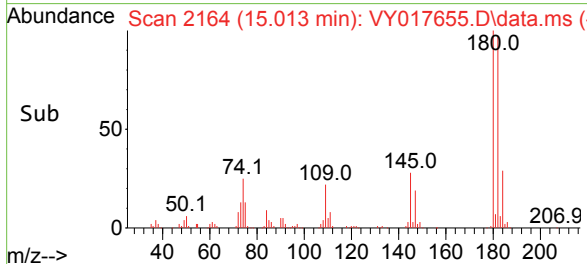
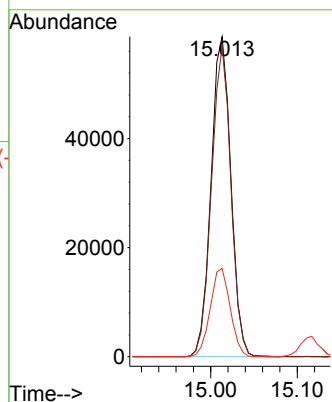
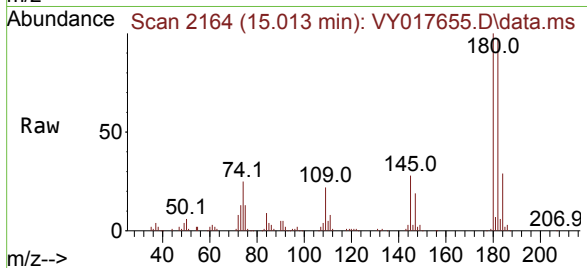
Tgt Ion:180 Resp: 93178

Ion Ratio Lower Upper

180 100

182 94.8 47.9 143.8

145 27.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.161 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017655.D

Acq: 14 Mar 2024 09:52

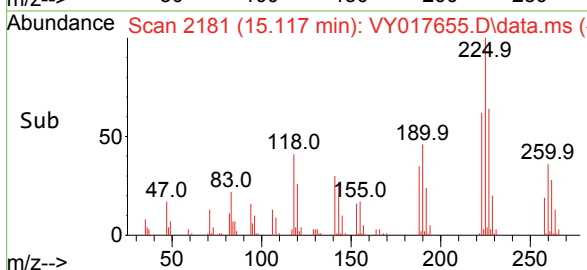
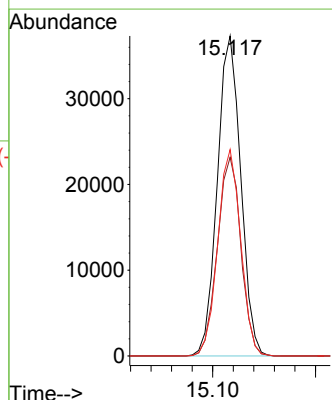
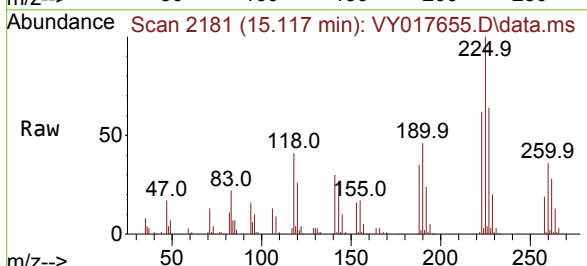
Tgt Ion:225 Resp: 59016

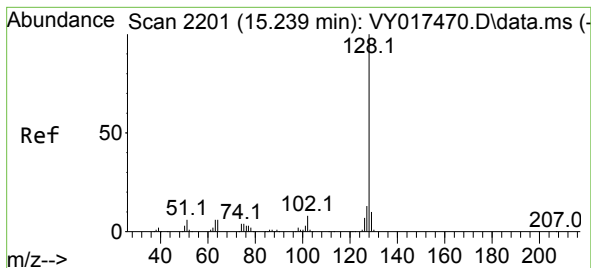
Ion Ratio Lower Upper

225 100

223 62.3 30.4 91.2

227 63.1 31.9 95.9

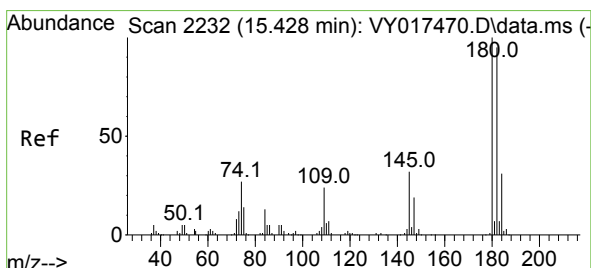
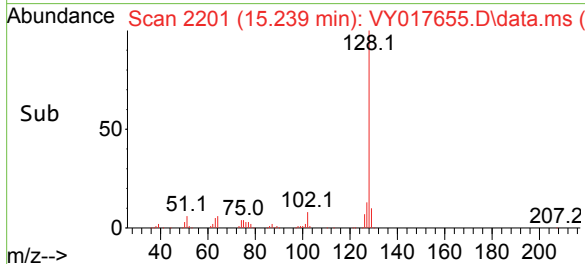
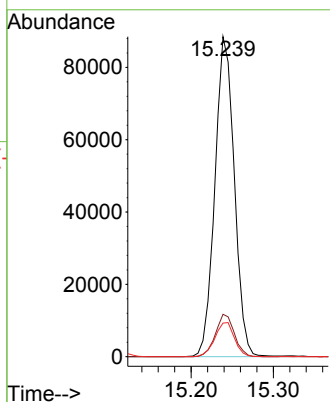
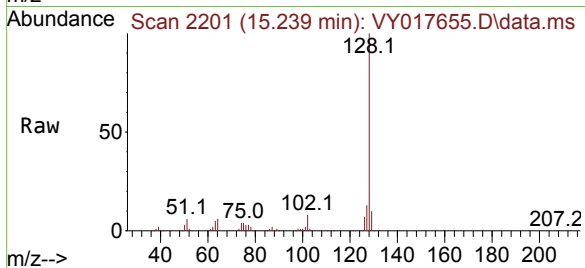




#95
Naphthalene
Concen: 41.624 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 145277
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.898 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY017655.D
Acq: 14 Mar 2024 09:52

Tgt Ion:180 Resp: 75300
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.9
145 30.4 15.4 46.1

