

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032524\
 Data File : VY017756.D
 Acq On : 25 Mar 2024 17:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 26 04:26:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	161673	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	256587	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	229791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	111348	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76759	54.498	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.000%	
35) Dibromofluoromethane	7.722	113	83029	54.134	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.260%	
50) Toluene-d8	10.185	98	314006	53.493	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.980%	
62) 4-Bromofluorobenzene	12.489	95	100335	56.922	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.840%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	66301	47.502	ug/l	97
3) Chloromethane	2.113	50	100046	55.331	ug/l	97
4) Vinyl Chloride	2.253	62	122262	55.924	ug/l	99
5) Bromomethane	2.656	94	98052	57.441	ug/l	98
6) Chloroethane	2.796	64	83034	56.829	ug/l	99
7) Trichlorofluoromethane	3.131	101	127070	55.145	ug/l	99
8) Diethyl Ether	3.527	74	43828	57.691	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	80948	49.348	ug/l	98
10) Methyl Iodide	4.100	142	104833	52.281	ug/l	97
11) Tert butyl alcohol	4.954	59	27923	298.058	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	79620	51.602	ug/l	99
13) Acrolein	3.729	56	35062	310.484	ug/l	100
14) Allyl chloride	4.491	41	105657	50.528	ug/l	98
15) Acrylonitrile	5.161	53	92459	293.792	ug/l	100
16) Acetone	3.948	43	70336	285.508	ug/l	94
17) Carbon Disulfide	4.198	76	258029	49.978	ug/l	99
18) Methyl Acetate	4.478	43	36967	59.599	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	194890	58.581	ug/l	100
20) Methylene Chloride	4.722	84	90955	50.766	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	91456	51.993	ug/l	99
22) Diisopropyl ether	6.125	45	244584	53.720	ug/l	96
23) Vinyl Acetate	6.064	43	759891	284.164	ug/l	97
24) 1,1-Dichloroethane	6.021	63	155049	51.812	ug/l	99
25) 2-Butanone	6.990	43	111850	266.726	ug/l	94
26) 2,2-Dichloropropane	6.984	77	123280	48.464	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	106294	53.423	ug/l	98
28) Bromochloromethane	7.344	49	62950	54.260	ug/l	98
29) Tetrahydrofuran	7.350	42	74301	281.736	ug/l	95
30) Chloroform	7.508	83	164707	53.092	ug/l	100
31) Cyclohexane	7.789	56	126887	45.550	ug/l	99
32) 1,1,1-Trichloroethane	7.710	97	138551	51.281	ug/l	98
36) 1,1-Dichloropropene	7.923	75	116576	49.198	ug/l	99
37) Ethyl Acetate	7.076	43	51747	56.833	ug/l	99
38) Carbon Tetrachloride	7.911	117	126033	50.798	ug/l	100
39) Methylcyclohexane	9.191	83	149952	49.298	ug/l	99
40) Benzene	8.167	78	369003	52.025	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	68891	153.173	ug/l #	15
42) 1,2-Dichloroethane	8.240	62	92061	54.189	ug/l	99
43) Isopropyl Acetate	8.277	43	96006	53.250	ug/l	97
44) Trichloroethene	8.947	130	99427	53.592	ug/l	97
45) 1,2-Dichloropropane	9.222	63	85115	52.667	ug/l	99
46) Dibromomethane	9.313	93	49856	55.361	ug/l	97
47) Bromodichloromethane	9.502	83	126081	54.753	ug/l	100
48) Methyl methacrylate	9.295	41	43732	52.134	ug/l	97
49) 1,4-Dioxane	9.307	88	11493	1311.599	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	263818	272.004	ug/l	97
52) Toluene	10.252	92	232792	53.114	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	111609	55.421	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	135223	54.967	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	65983	57.275	ug/l	96
56) Ethyl methacrylate	10.514	69	88819	54.708	ug/l	97
57) 1,3-Dichloropropane	10.794	76	113237	57.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	211586	259.662	ug/l	100
59) 2-Hexanone	10.837	43	182551	267.385	ug/l	96
60) Dibromochloromethane	10.990	129	89656	58.182	ug/l	98
61) 1,2-Dibromoethane	11.093	107	62904	58.160	ug/l	100
64) Tetrachloroethene	10.727	164	116330	54.741	ug/l	96
65) Chlorobenzene	11.520	112	259410	52.443	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	89410	54.127	ug/l	98
67) Ethyl Benzene	11.599	91	443931	52.256	ug/l	98
68) m/p-Xylenes	11.709	106	351700	106.721	ug/l	98
69) o-Xylene	12.032	106	162527	54.018	ug/l	100
70) Styrene	12.050	104	279750	55.866	ug/l	99
71) Bromoform	12.215	173	52012	59.788	ug/l #	99
73) Isopropylbenzene	12.337	105	417780	49.689	ug/l	98
74) N-amyl acetate	12.148	43	85197	49.329	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	68612	52.999	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	93720	91.147	ug/l #	100
77) Bromobenzene	12.617	156	102945	53.778	ug/l	95
78) n-propylbenzene	12.678	91	504093	49.528	ug/l	99
79) 2-Chlorotoluene	12.764	91	281131	50.369	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	339075	51.517	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	25147	56.512	ug/l	98
82) 4-Chlorotoluene	12.861	91	286862	50.092	ug/l	98
83) tert-Butylbenzene	13.081	119	306982	51.540	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	334632	51.861	ug/l	98
85) sec-Butylbenzene	13.257	105	450164	50.428	ug/l	99
86) p-Isopropyltoluene	13.373	119	385425	51.999	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	202053	52.088	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	195142	52.403	ug/l	98
89) n-Butylbenzene	13.702	91	340119	50.720	ug/l	99
90) Hexachloroethane	13.965	117	75759	50.121	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	173210	53.903	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10028	58.703	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	91949	59.069	ug/l	98
94) Hexachlorobutadiene	15.117	225	53608	53.651	ug/l	98
95) Naphthalene	15.239	128	160383	55.421	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	78561	61.126	ug/l	98

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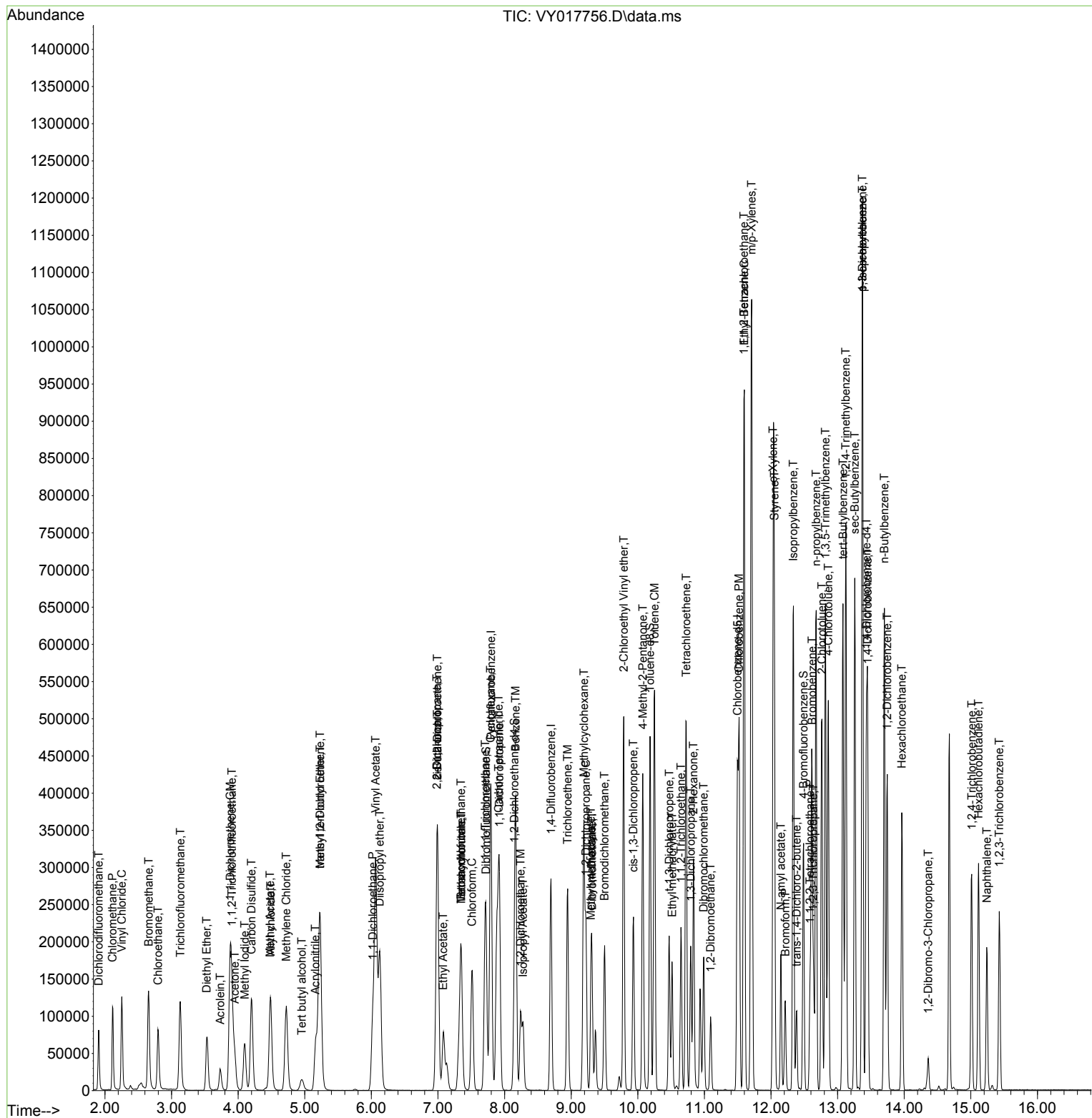
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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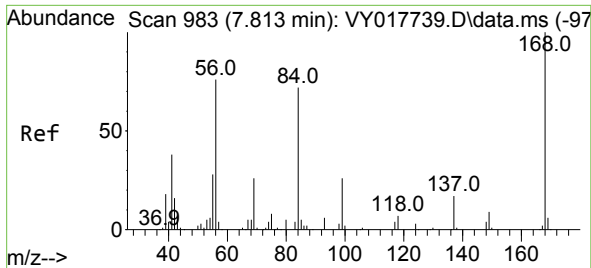
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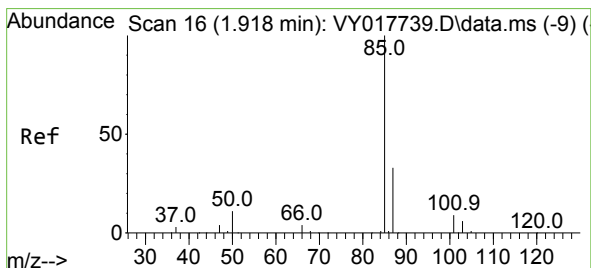
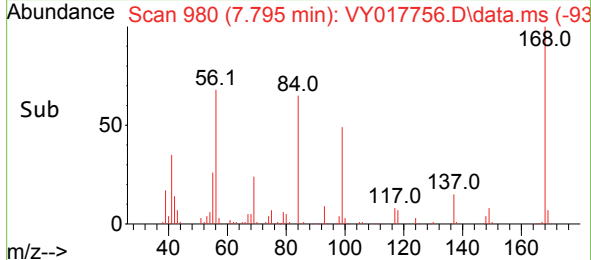
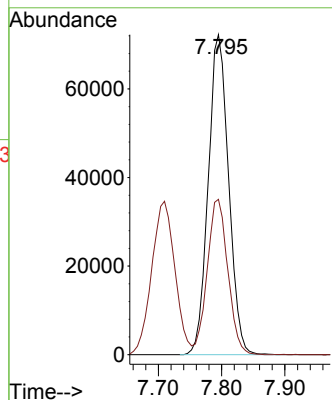
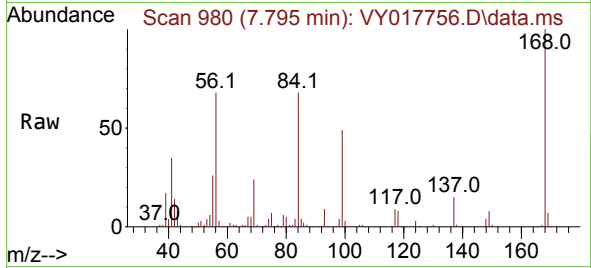




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.018 min
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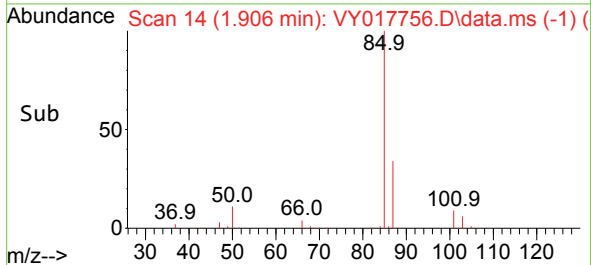
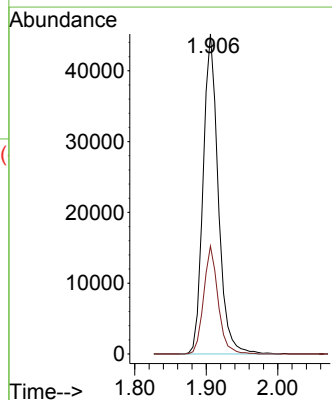
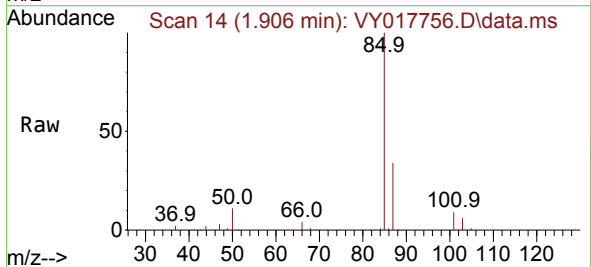
Instrument :
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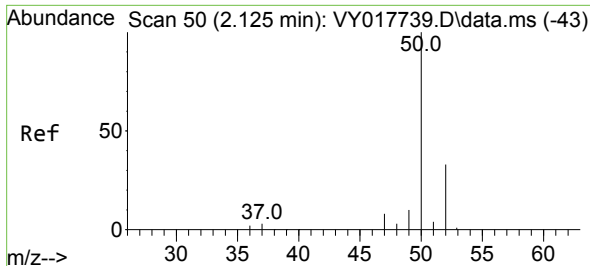
Tgt Ion:168 Resp: 161673
Ion Ratio Lower Upper
168 100
99 48.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 47.502 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 85 Resp: 66301
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0

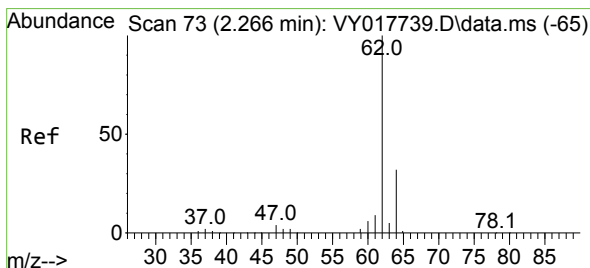
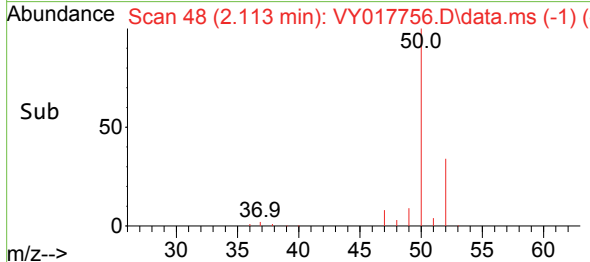
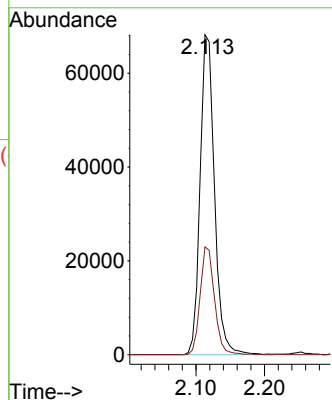
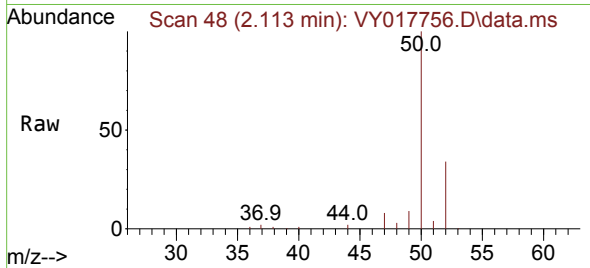




#3
Chloromethane
Concen: 55.331 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

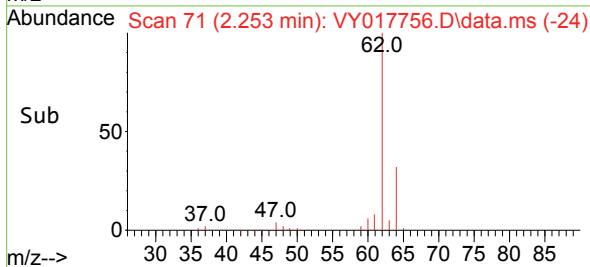
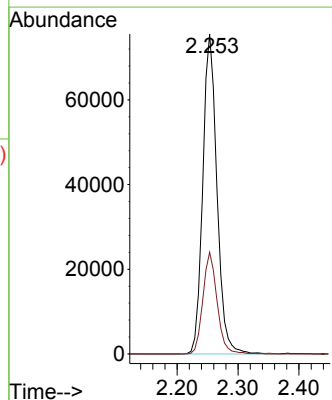
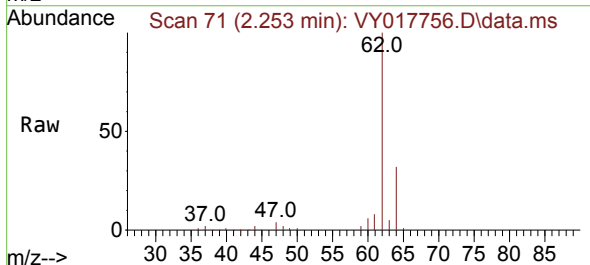
Instrument :
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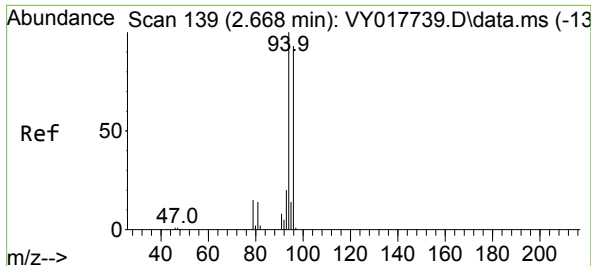
Tgt Ion: 50 Resp: 100046
Ion Ratio Lower Upper
50 100
52 33.7 25.6 38.4



#4
Vinyl Chloride
Concen: 55.924 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.012 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 62 Resp: 122262
Ion Ratio Lower Upper
62 100
64 31.8 26.1 39.1

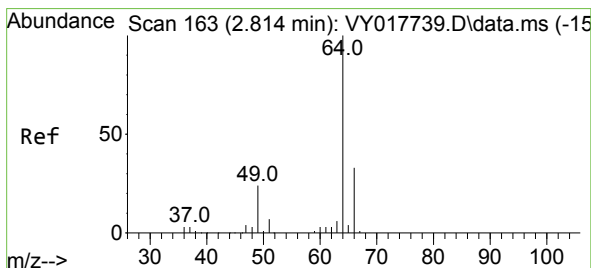
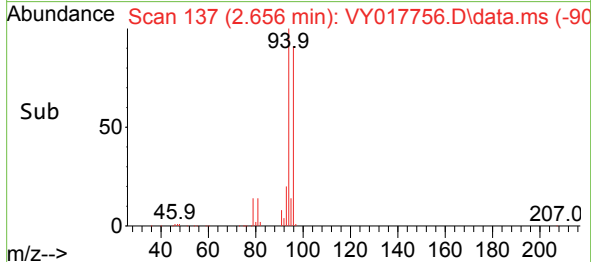
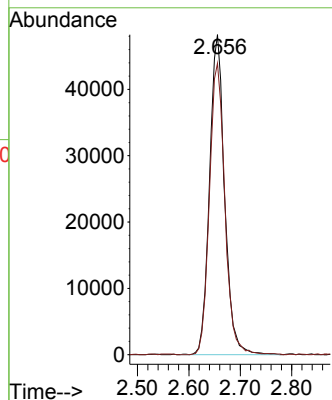
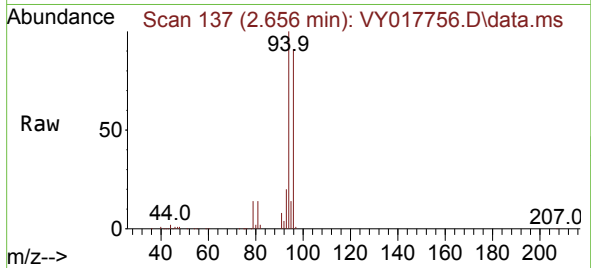




#5
Bromomethane
Concen: 57.441 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017756.D
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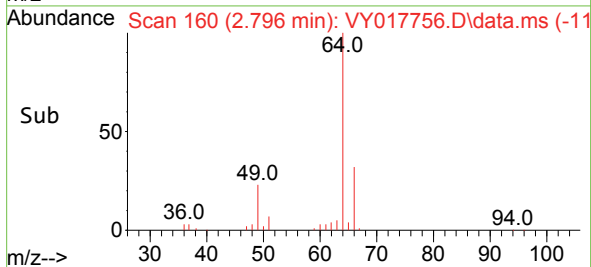
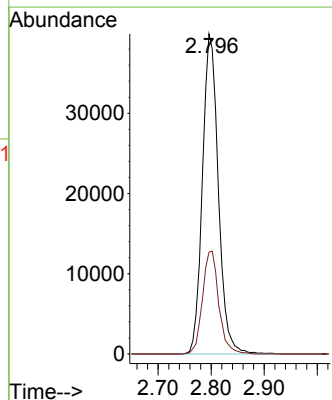
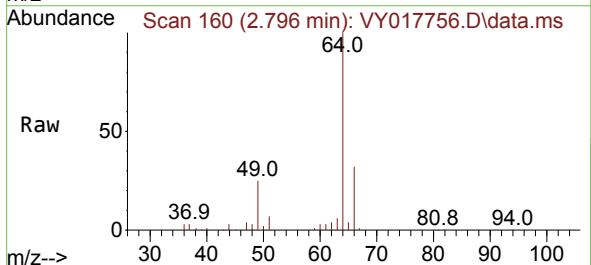
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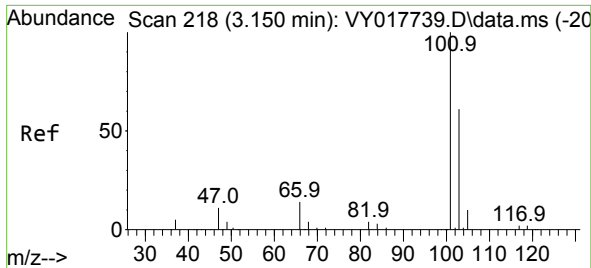
Tgt Ion: 94 Resp: 98052
Ion Ratio Lower Upper
94 100
96 91.0 74.1 111.1



#6
Chloroethane
Concen: 56.829 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.018 min
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Tgt Ion: 64 Resp: 83034
Ion Ratio Lower Upper
64 100
66 31.8 26.1 39.1

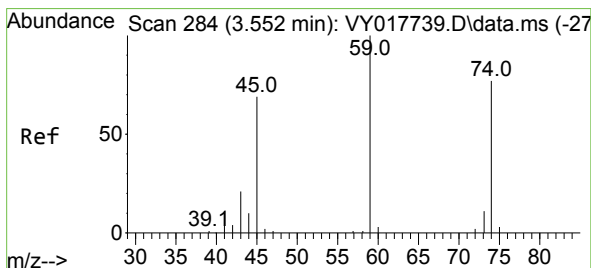
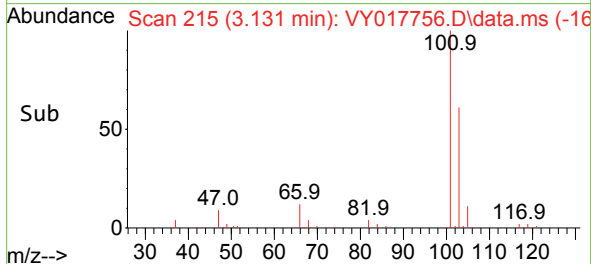
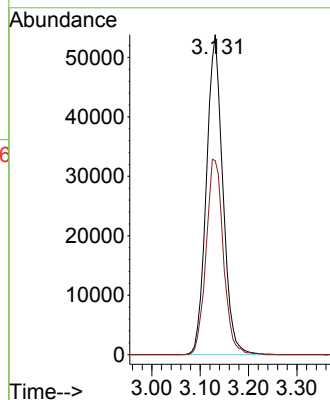
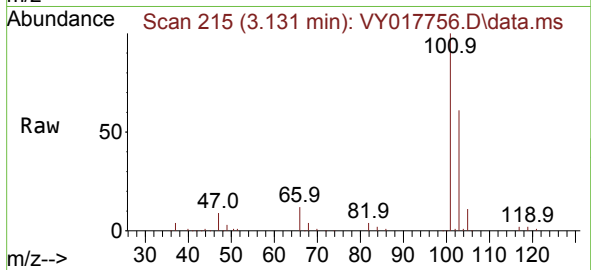




#7
Trichlorofluoromethane
Concen: 55.145 ug/l
RT: 3.131 min Scan# 218
Delta R.T. -0.018 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

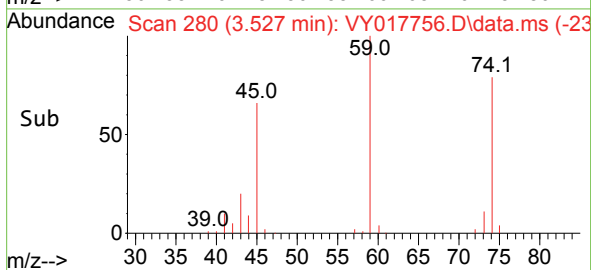
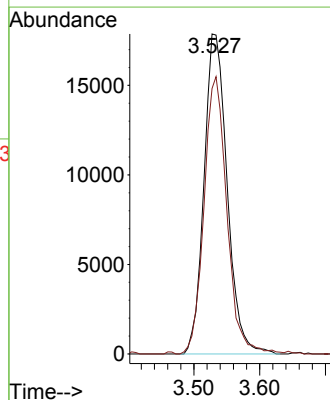
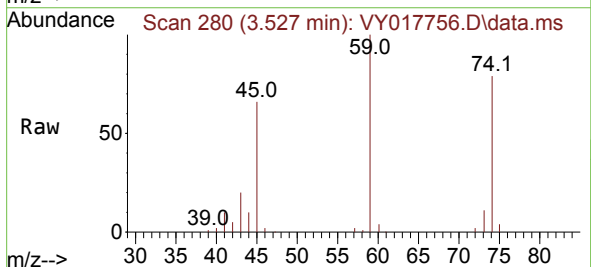
Instrument :
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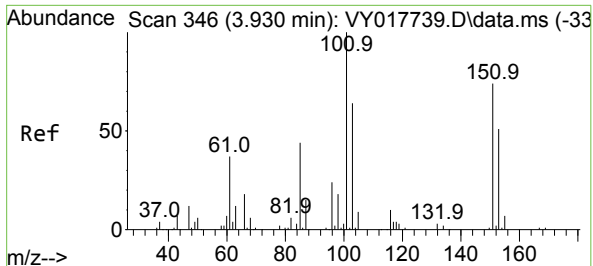
Tgt Ion:101 Resp: 127070
Ion Ratio Lower Upper
101 100
103 60.7 49.3 73.9



#8
Diethyl Ether
Concen: 57.691 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.025 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 74 Resp: 43828
Ion Ratio Lower Upper
74 100
45 85.5 41.3 124.1

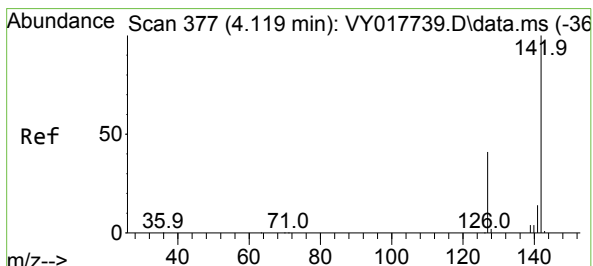
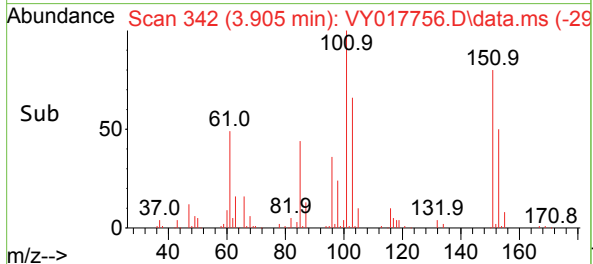
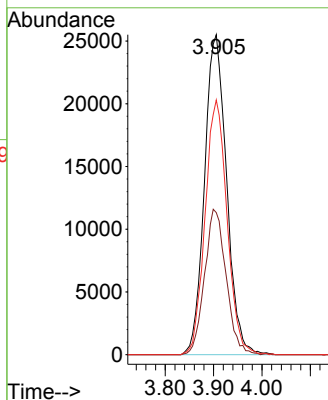
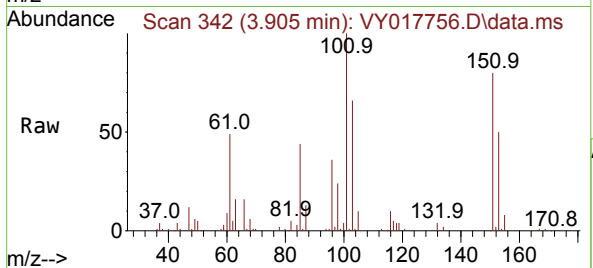




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.348 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.025 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

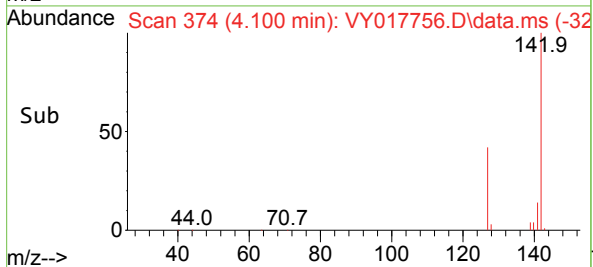
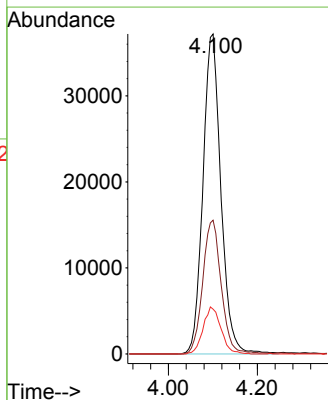
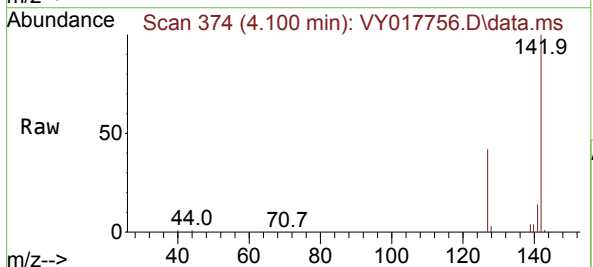
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

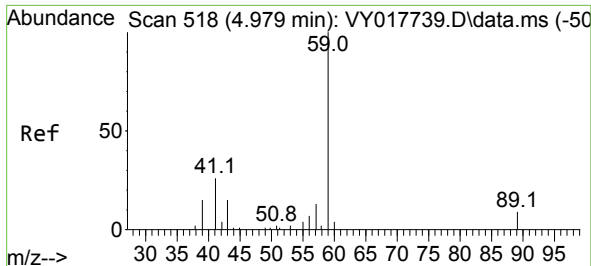
Tgt Ion:101 Resp: 80948
Ion Ratio Lower Upper
101 100
85 44.3 34.5 51.7
151 79.3 61.7 92.5



#10
Methyl Iodide
Concen: 52.281 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.018 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion:142 Resp: 104833
Ion Ratio Lower Upper
142 100
127 43.0 32.8 49.2
141 14.6 11.4 17.2

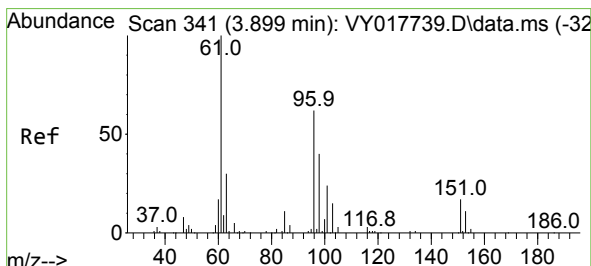
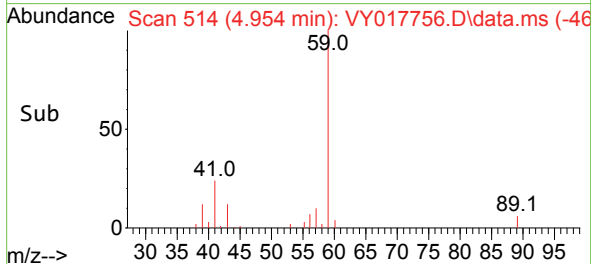
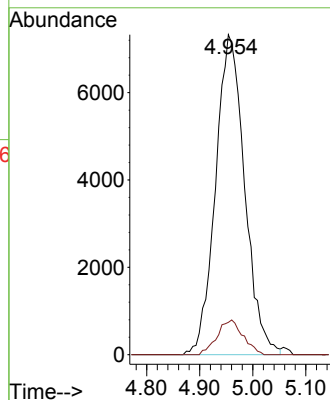
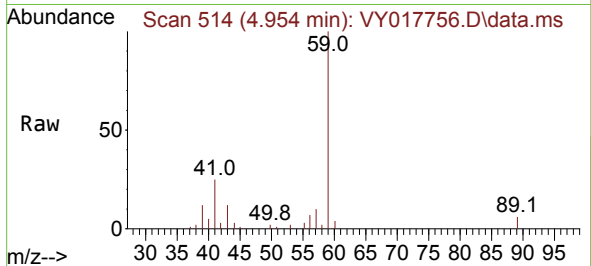




#11
Tert butyl alcohol
Concen: 298.058 ug/l
RT: 4.954 min Scan# 518
Delta R.T. -0.025 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

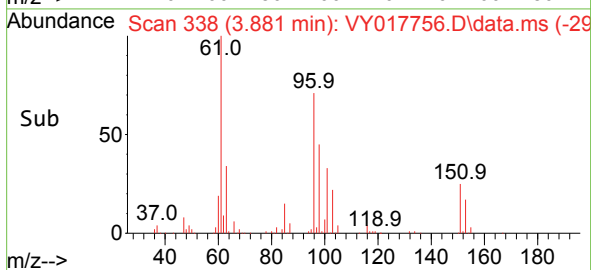
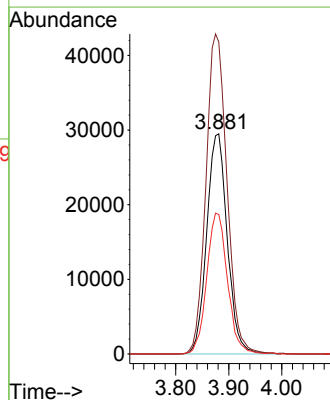
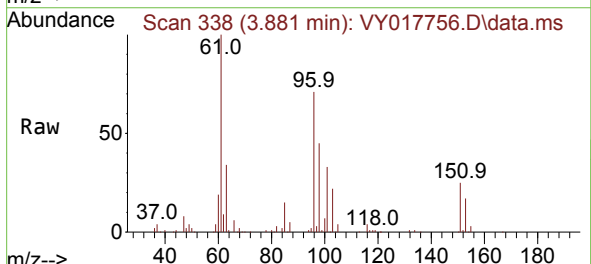
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

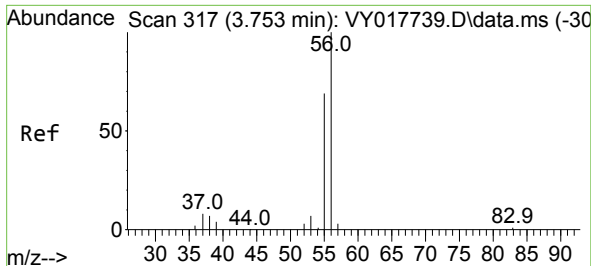
Tgt Ion: 59 Resp: 27923
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 51.602 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.018 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 96 Resp: 79620
Ion Ratio Lower Upper
96 100
61 141.7 114.6 171.8
98 63.4 50.8 76.2





#13

Acrolein

Concen: 310.484 ug/l

RT: 3.729 min Scan# 317

Delta R.T. -0.025 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

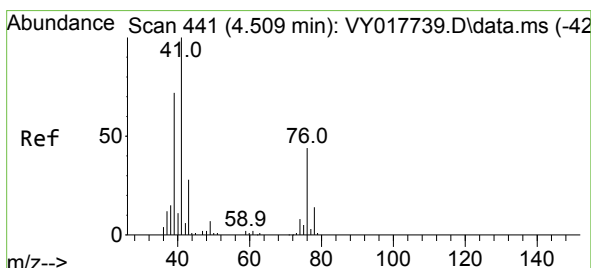
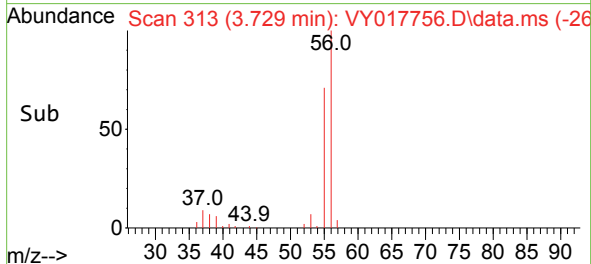
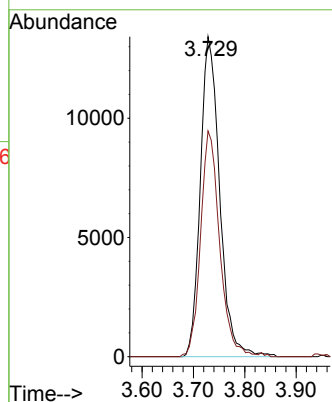
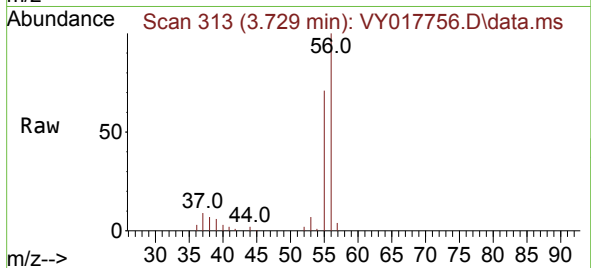
VSTDCCC050EC

Tgt Ion: 56 Resp: 35062

Ion Ratio Lower Upper

56 100

55 69.5 55.7 83.5



#14

Allyl chloride

Concen: 50.528 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.018 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

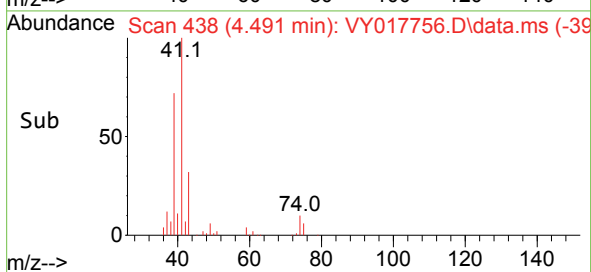
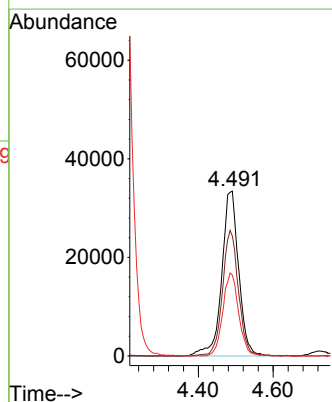
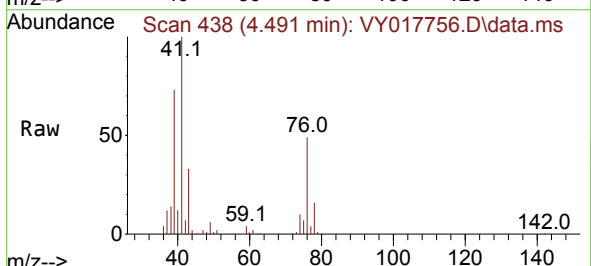
Tgt Ion: 41 Resp: 105657

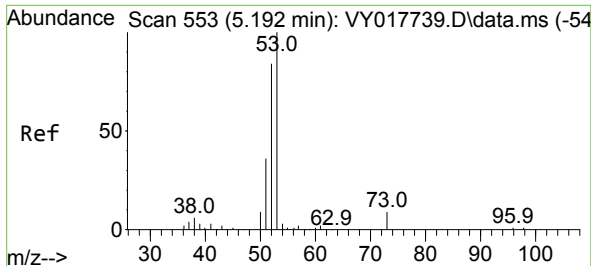
Ion Ratio Lower Upper

41 100

39 71.6 58.3 87.5

76 46.9 39.0 58.6

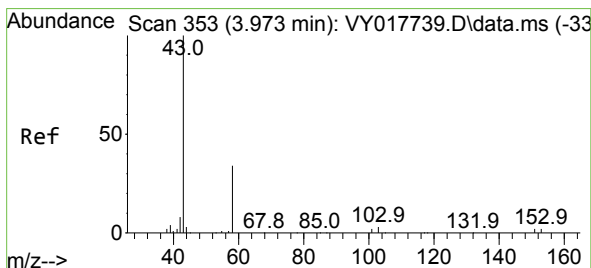
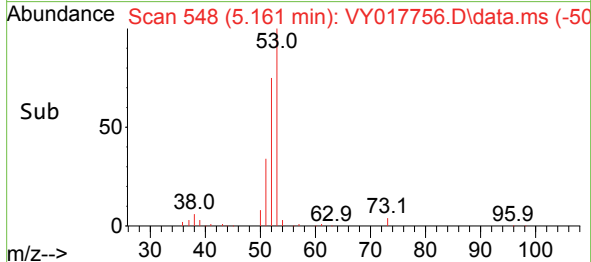
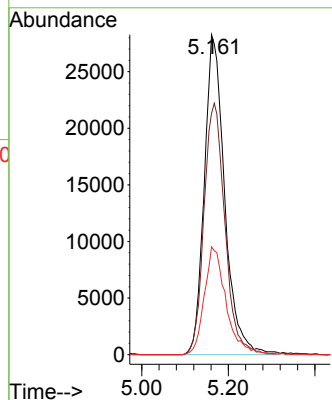
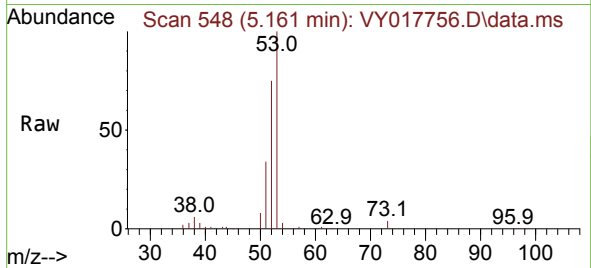




#15
Acrylonitrile
Concen: 293.792 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.031 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

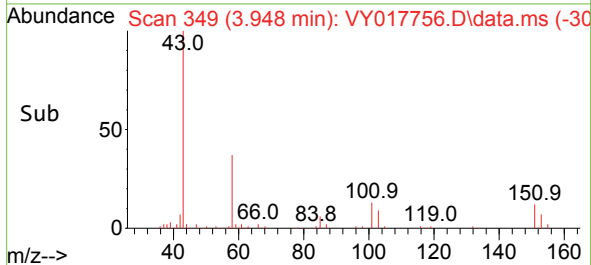
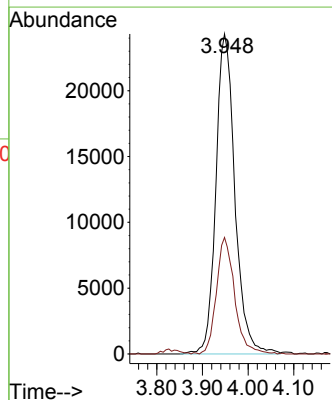
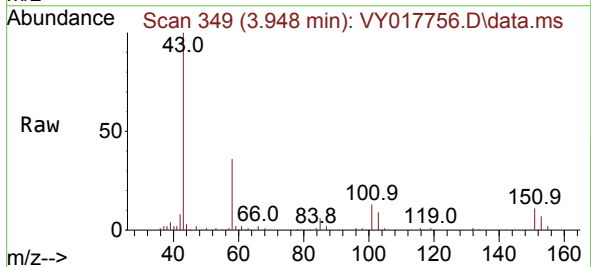
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

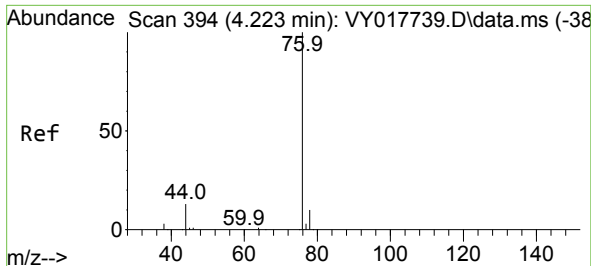
Tgt Ion: 53 Resp: 92459
Ion Ratio Lower Upper
53 100
52 80.7 64.7 97.1
51 35.8 28.4 42.6



#16
Acetone
Concen: 285.508 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.025 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 43 Resp: 70336
Ion Ratio Lower Upper
43 100
58 36.2 31.7 47.5





#17

Carbon Disulfide

Concen: 49.978 ug/l

RT: 4.198 min Scan# 394

Delta R.T. -0.025 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

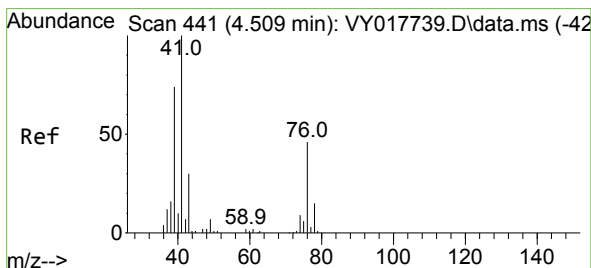
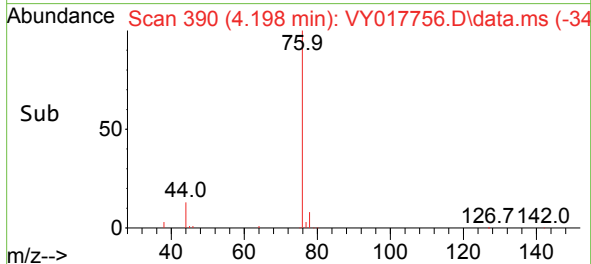
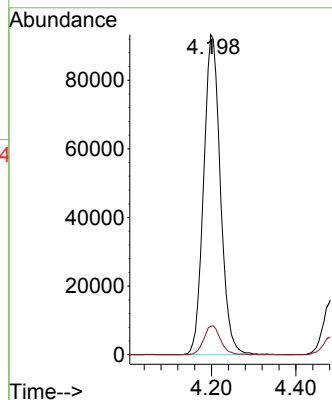
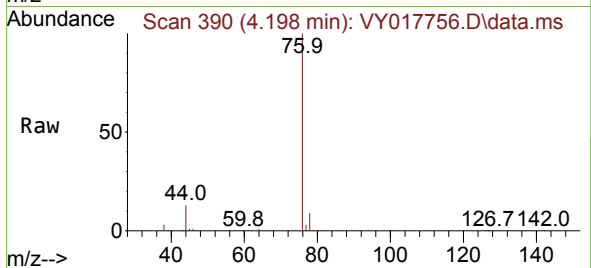
VSTDCCC050EC

Tgt Ion: 76 Resp: 258029

Ion Ratio Lower Upper

76 100

78 8.9 6.8 10.2



#18

Methyl Acetate

Concen: 59.599 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.031 min

Lab File: VY017756.D

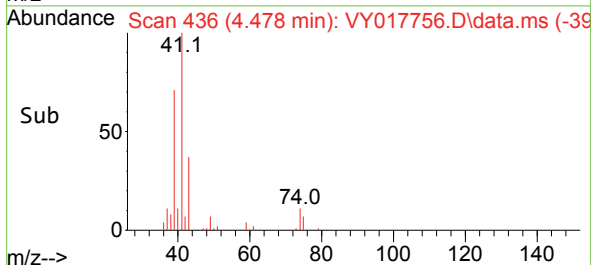
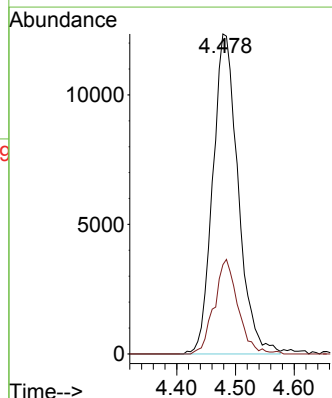
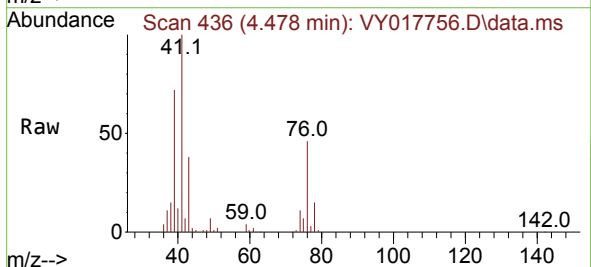
Acq: 25 Mar 2024 17:34

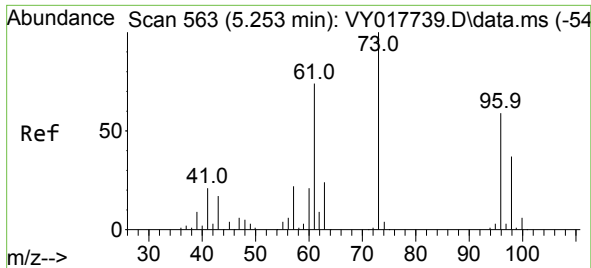
Tgt Ion: 43 Resp: 36967

Ion Ratio Lower Upper

43 100

74 27.8 23.3 34.9

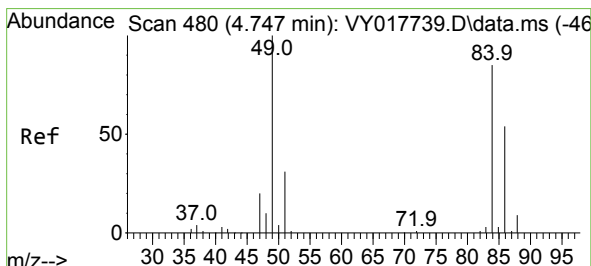
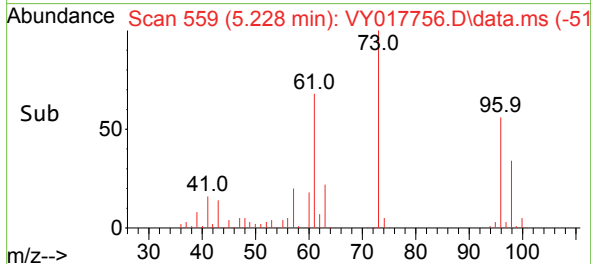
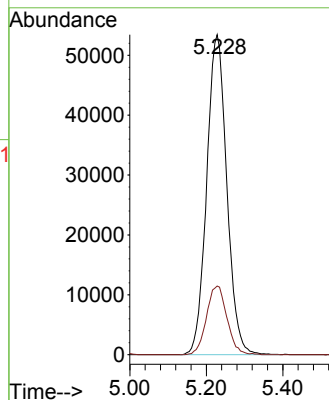
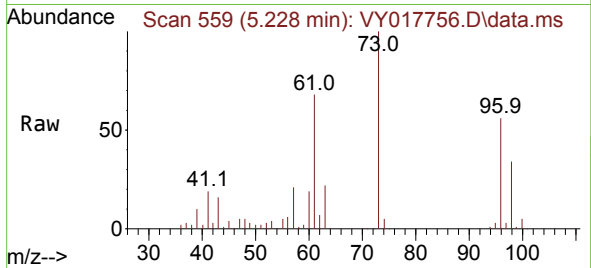




#19
Methyl tert-butyl Ether
Concen: 58.581 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

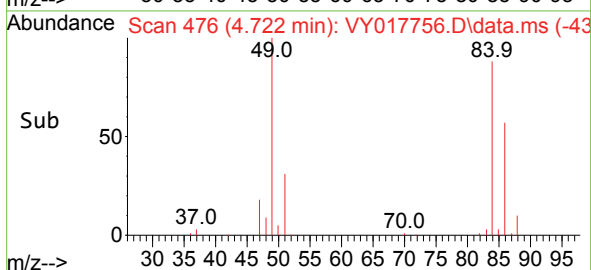
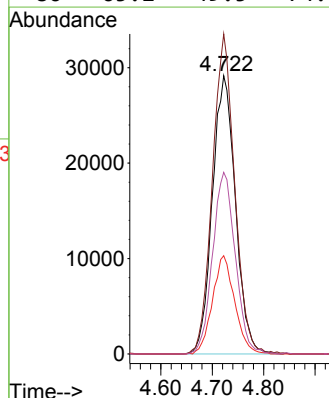
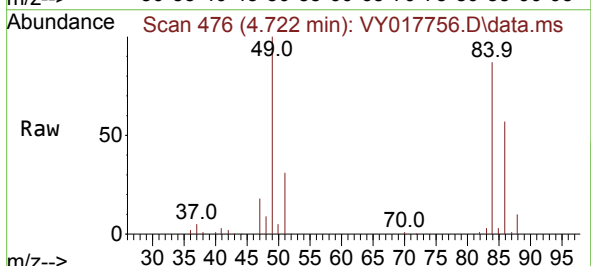
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

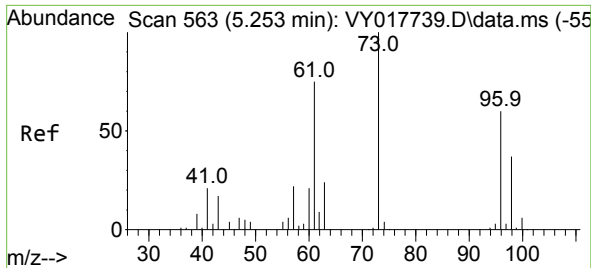
Tgt Ion: 73 Resp: 194890
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 50.766 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.025 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 84 Resp: 90955
Ion Ratio Lower Upper
84 100
49 115.0 84.4 126.6
51 35.3 26.0 39.0
86 65.2 49.5 74.3

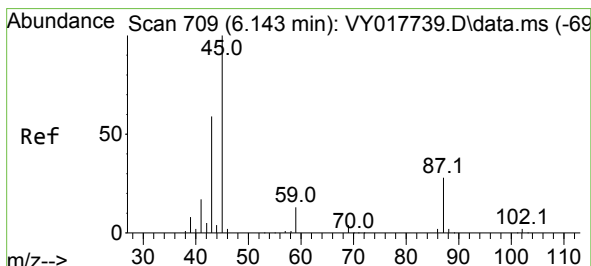
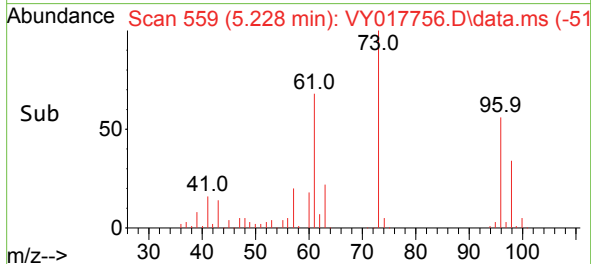
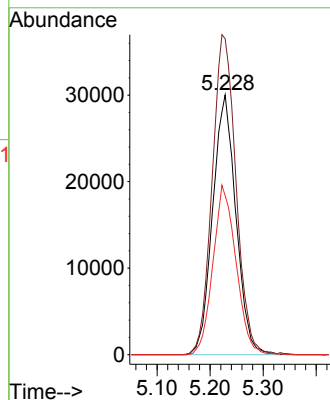
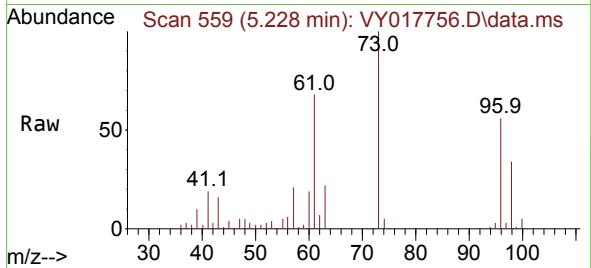




#21
trans-1,2-Dichloroethene
Concen: 51.993 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.025 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

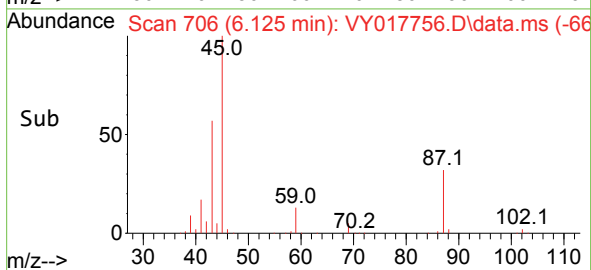
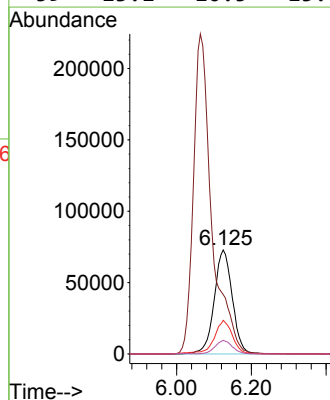
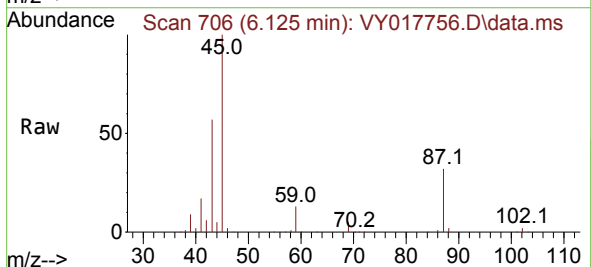
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

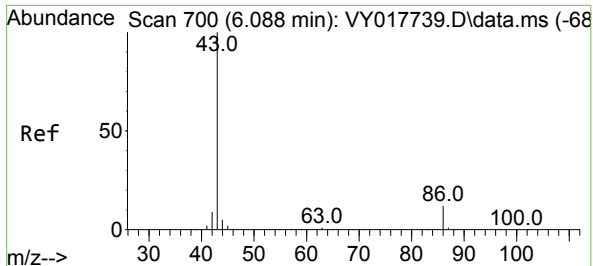
Tgt Ion: 96 Resp: 91456
Ion Ratio Lower Upper
96 100
61 121.6 97.5 146.3
98 61.2 50.5 75.7



#22
Diisopropyl ether
Concen: 53.720 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.018 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 45 Resp: 244584
Ion Ratio Lower Upper
45 100
43 56.8 42.2 63.2
87 32.4 25.0 37.6
59 13.1 10.5 15.7

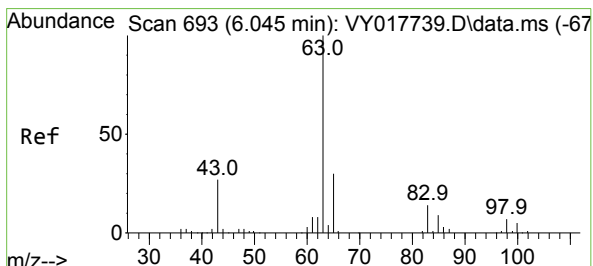
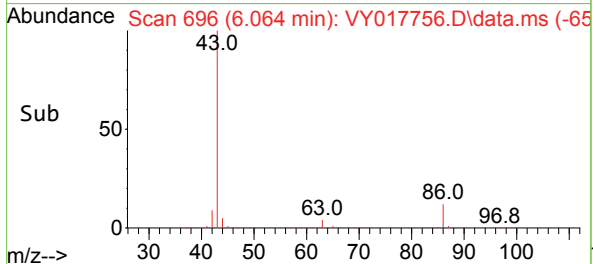
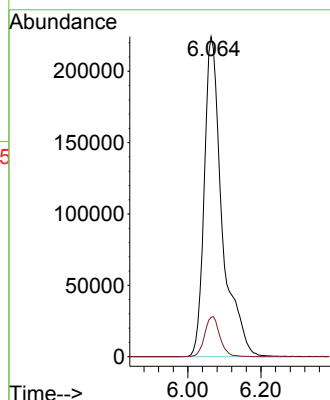
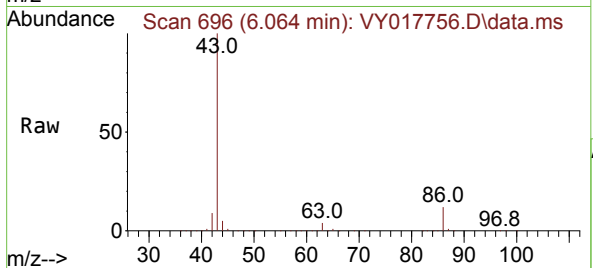




#23
Vinyl Acetate
Concen: 284.164 ug/l
RT: 6.064 min Scan# 61
Delta R.T. -0.025 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

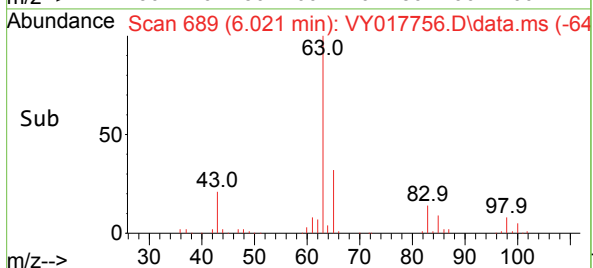
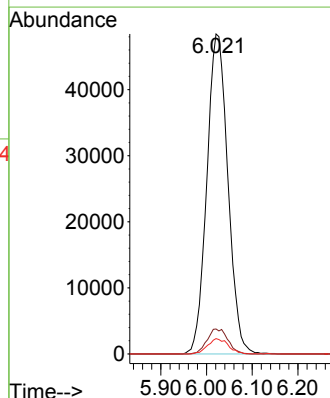
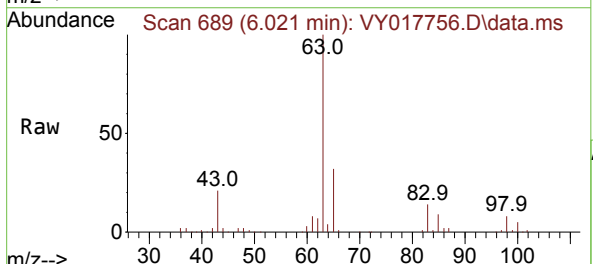
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

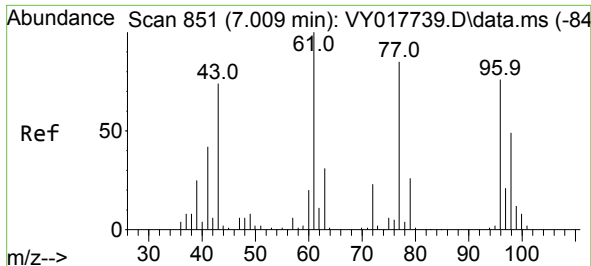
Tgt Ion: 43 Resp: 759891
Ion Ratio Lower Upper
43 100
86 12.3 10.6 16.0



#24
1,1-Dichloroethane
Concen: 51.812 ug/l
RT: 6.021 min Scan# 689
Delta R.T. -0.025 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 63 Resp: 155049
Ion Ratio Lower Upper
63 100
98 7.8 4.0 12.2
100 4.8 2.6 8.0

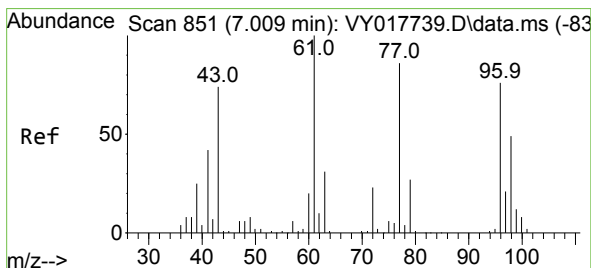
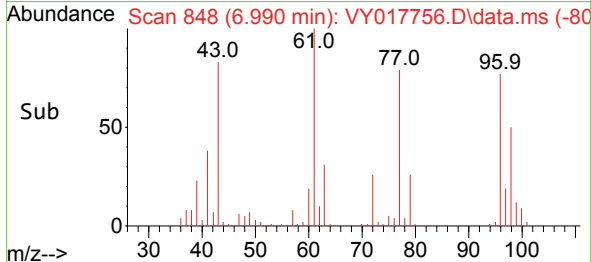
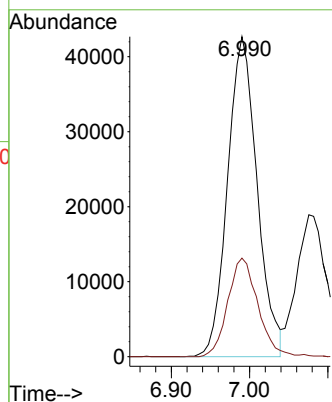
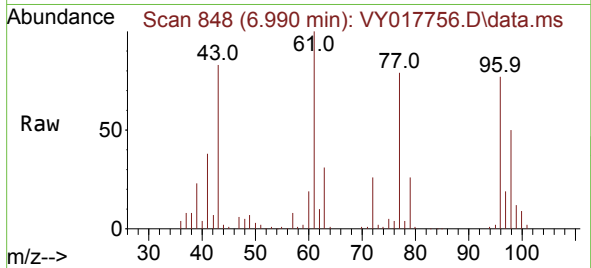




#25
2-Butanone
Concen: 266.726 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.019 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

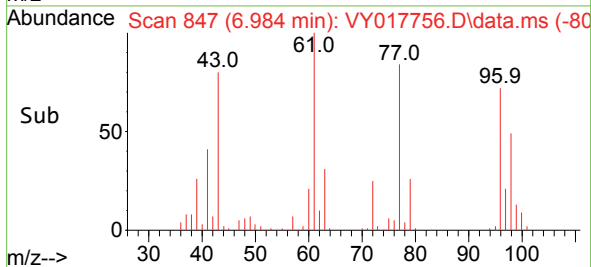
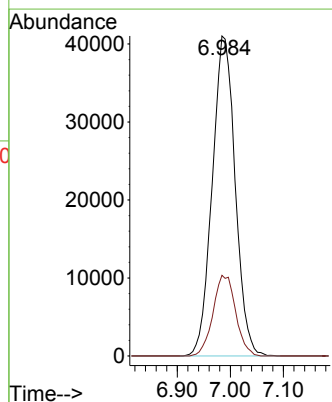
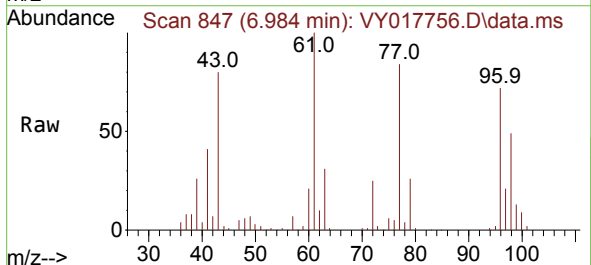
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

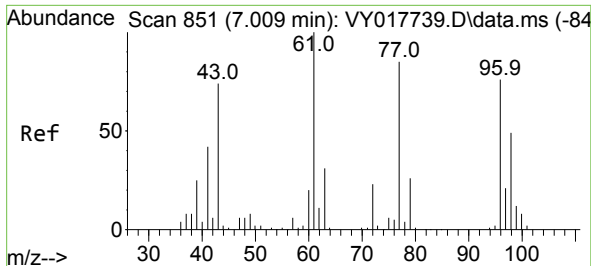
Tgt Ion: 43 Resp: 111850
Ion Ratio Lower Upper
43 100
72 30.8 27.3 40.9



#26
2,2-Dichloropropane
Concen: 48.464 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.025 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 77 Resp: 123280
Ion Ratio Lower Upper
77 100
97 24.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 53.423 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

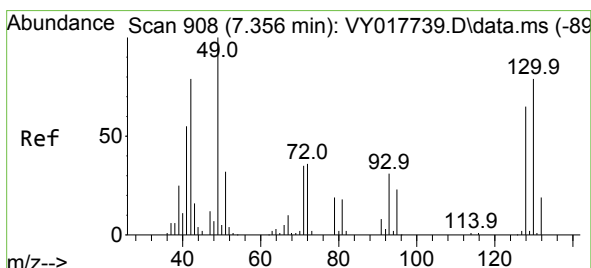
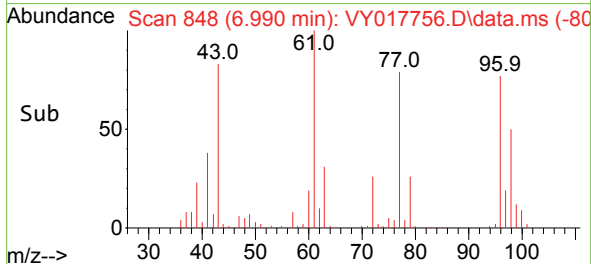
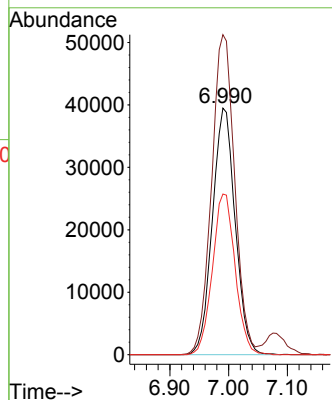
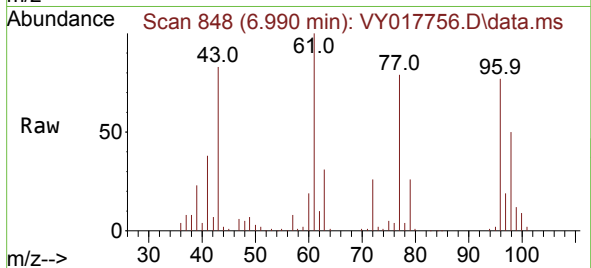
Tgt Ion: 96 Resp: 106294

Ion Ratio Lower Upper

96 100

61 131.5 0.0 256.2

98 65.1 0.0 130.0



#28

Bromochloromethane

Concen: 54.260 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.012 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

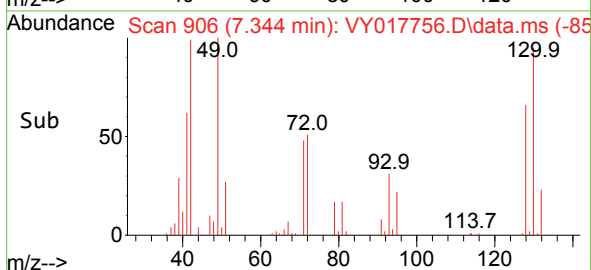
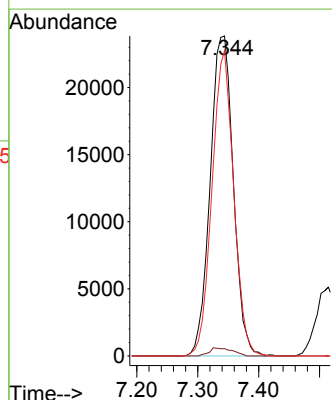
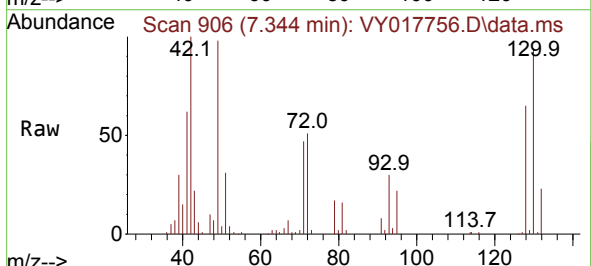
Tgt Ion: 49 Resp: 62950

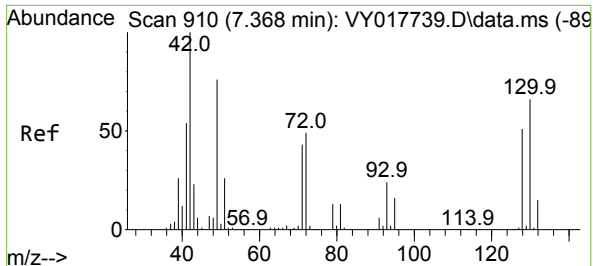
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 89.2 72.7 109.1

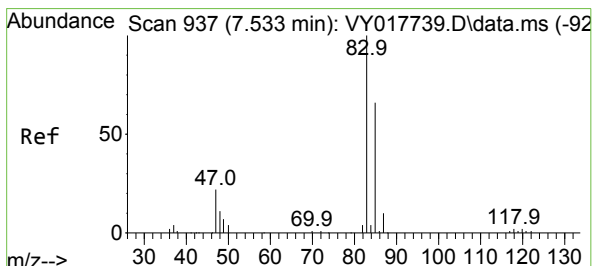
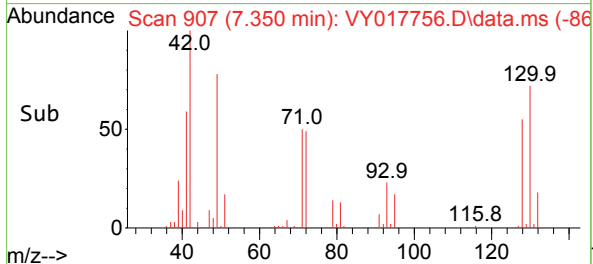
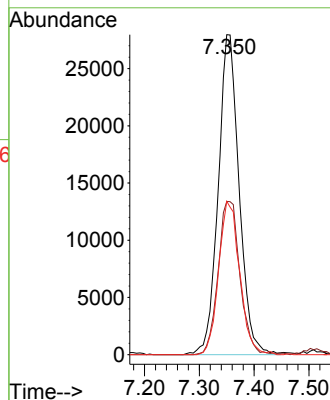
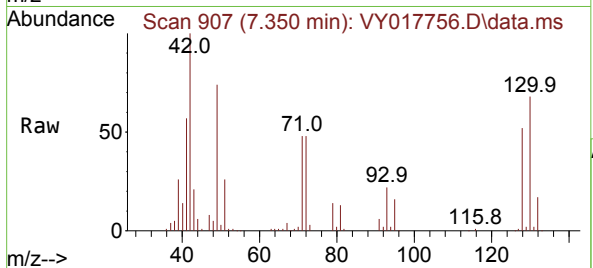




#29
Tetrahydrofuran
Concen: 281.736 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.018 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

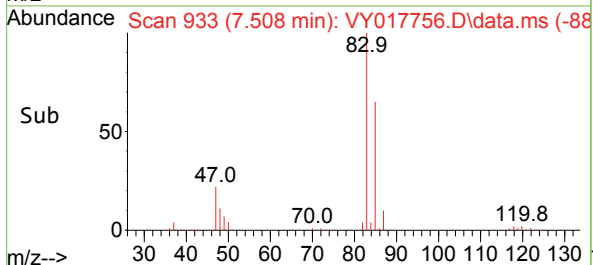
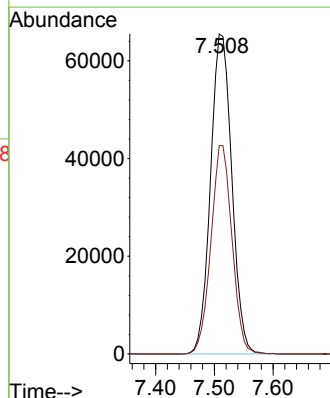
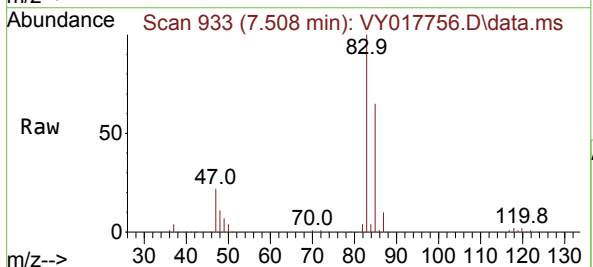
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

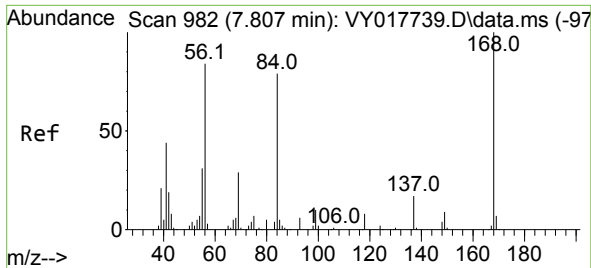
Tgt Ion: 42 Resp: 74301
Ion Ratio Lower Upper
42 100
72 50.1 43.0 64.4
71 48.0 40.8 61.2



#30
Chloroform
Concen: 53.092 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.025 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 83 Resp: 164707
Ion Ratio Lower Upper
83 100
85 65.1 52.2 78.4

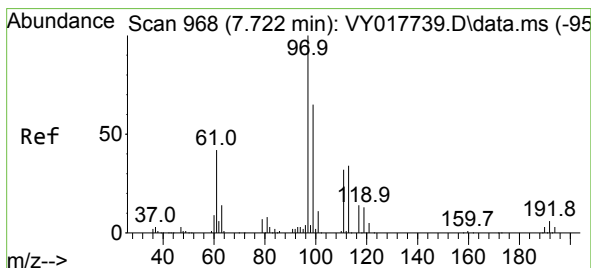
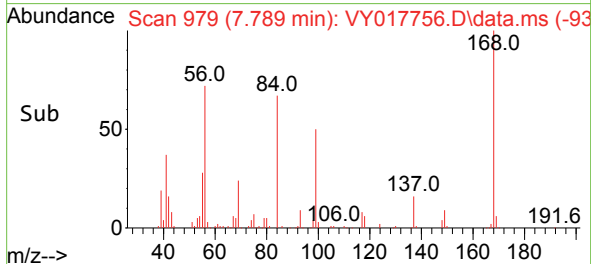
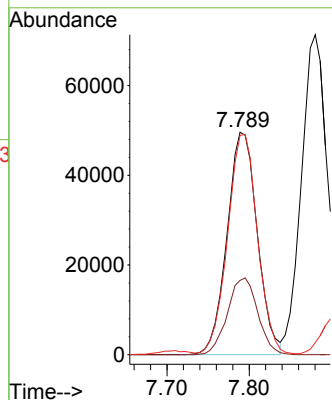
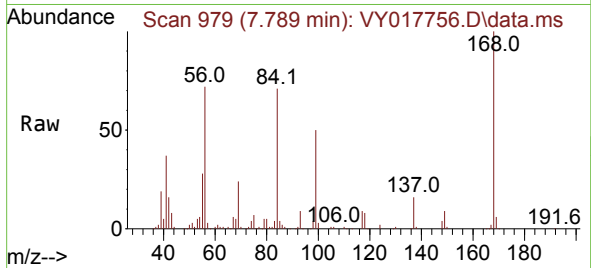




#31
Cyclohexane
Concen: 45.550 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

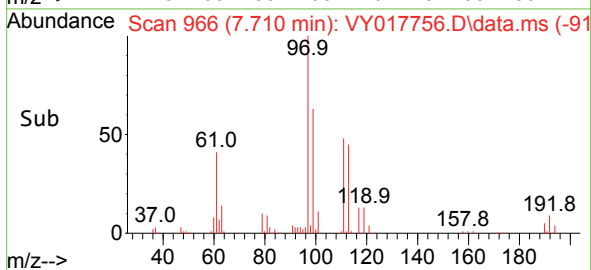
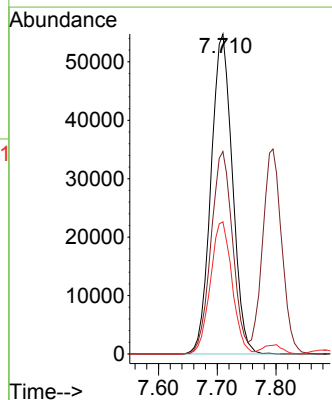
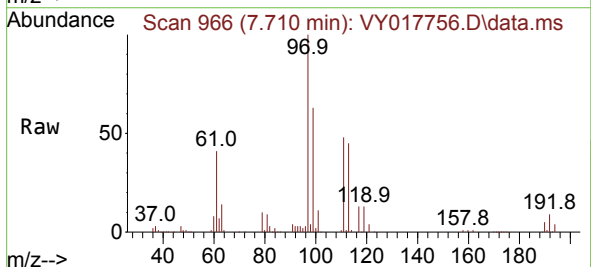
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

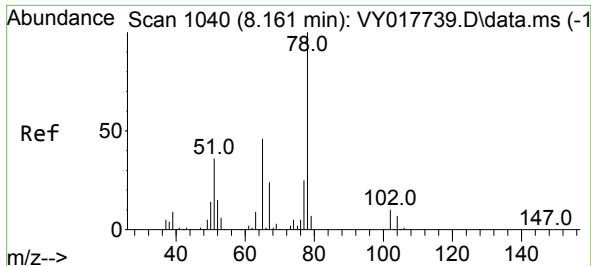
Tgt Ion: 56 Resp: 126887
Ion Ratio Lower Upper
56 100
69 33.4 28.7 43.1
84 97.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 51.281 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 97 Resp: 138551
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 42.0 32.6 48.8

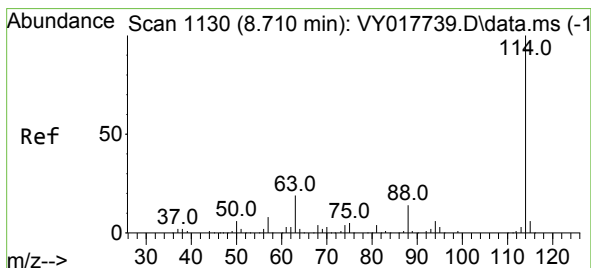
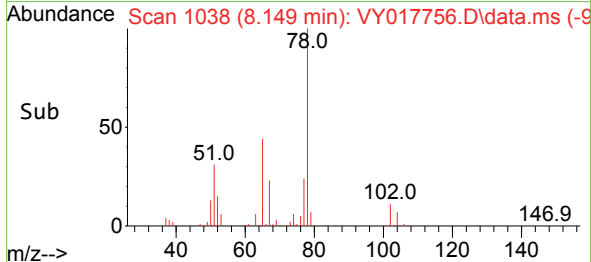
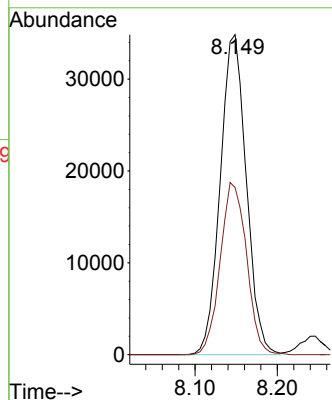
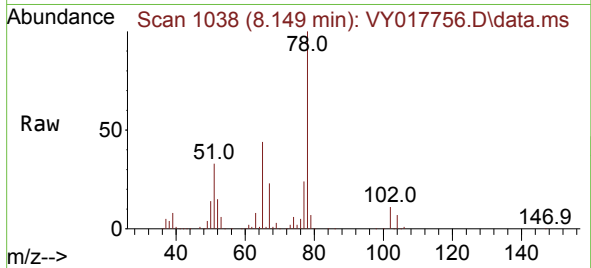




#33
1,2-Dichloroethane-d4
Concen: 54.498 ug/l
RT: 8.149 min Scan# 110
Delta R.T. -0.012 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

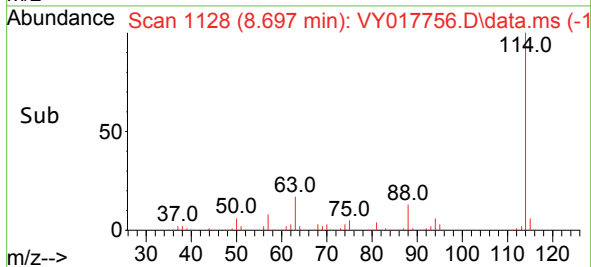
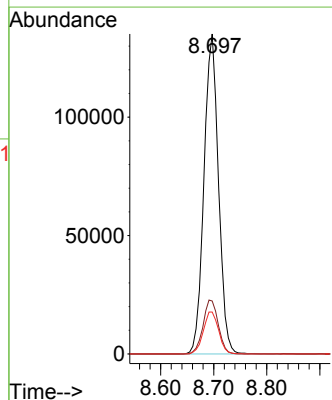
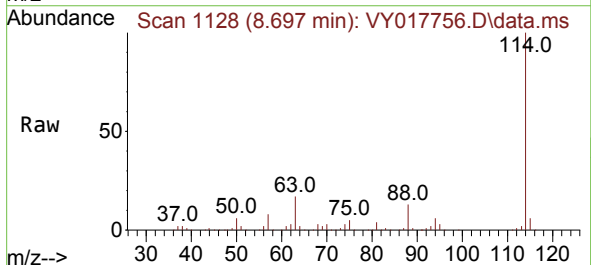
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

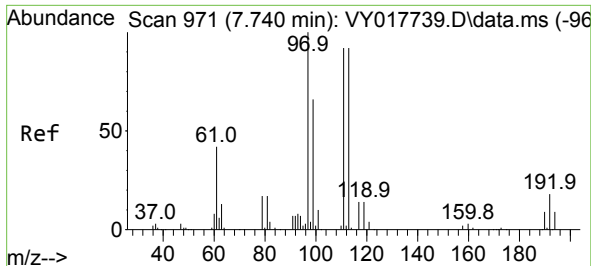
Tgt Ion: 65 Resp: 76759
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

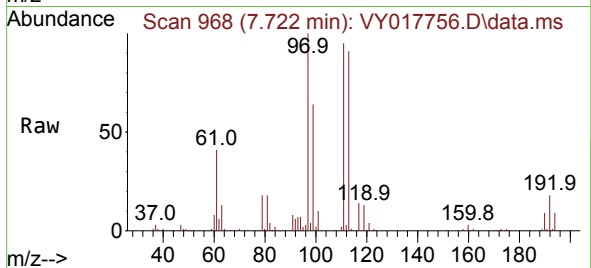
Tgt Ion:114 Resp: 256587
Ion Ratio Lower Upper
114 100
63 16.5 0.0 35.0
88 13.1 0.0 27.2



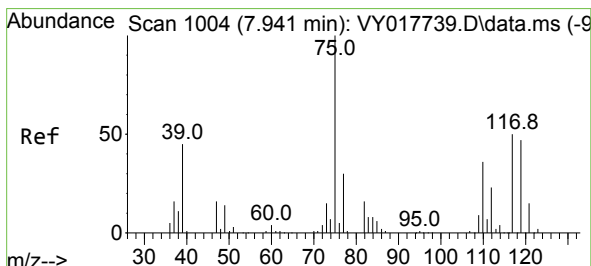
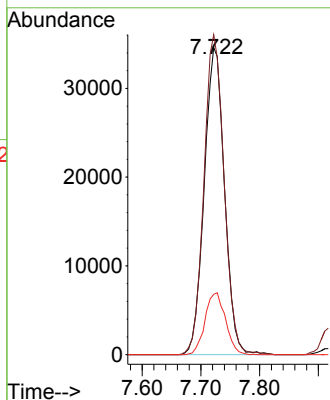
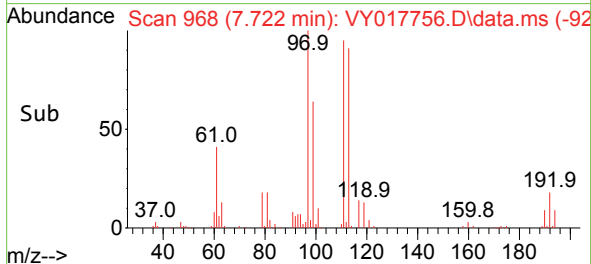


#35
Dibromofluoromethane
Concen: 54.134 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.018 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

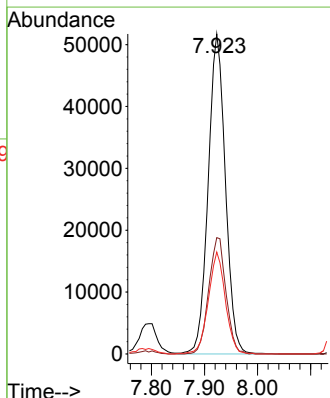
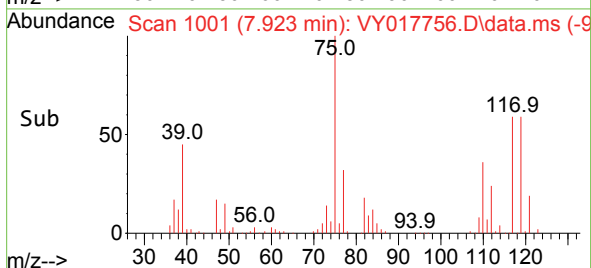
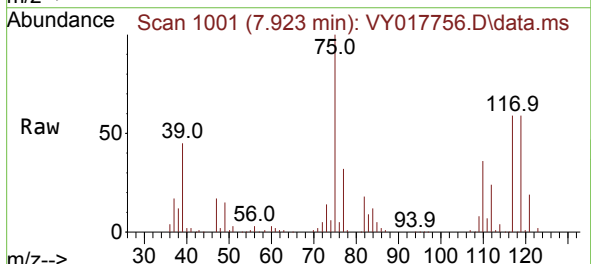


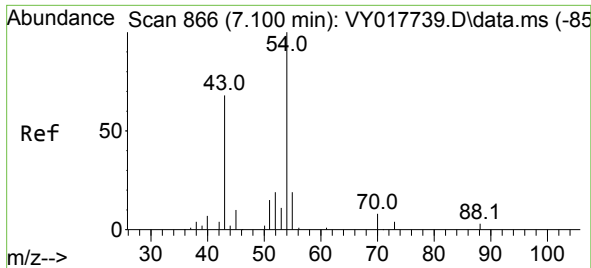
Tgt Ion:113 Resp: 83029
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.198 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.018 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 75 Resp: 116576
Ion Ratio Lower Upper
75 100
110 36.4 19.0 57.0
77 31.5 25.3 37.9





#37

Ethyl Acetate

Concen: 56.833 ug/l

RT: 7.076 min Scan# 8

Delta R.T. -0.025 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

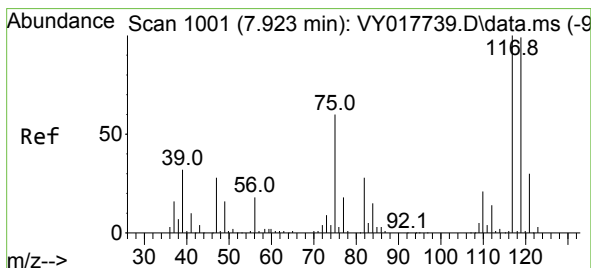
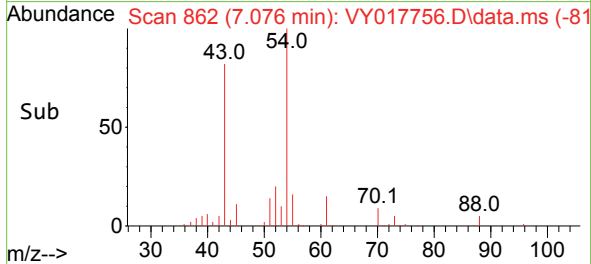
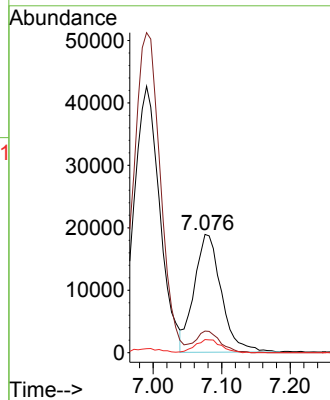
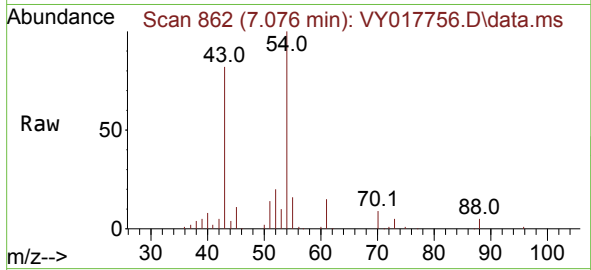
Tgt Ion: 43 Resp: 51747

Ion Ratio Lower Upper

43 100

61 16.2 12.6 19.0

70 10.6 7.8 11.8



#38

Carbon Tetrachloride

Concen: 50.798 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.012 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

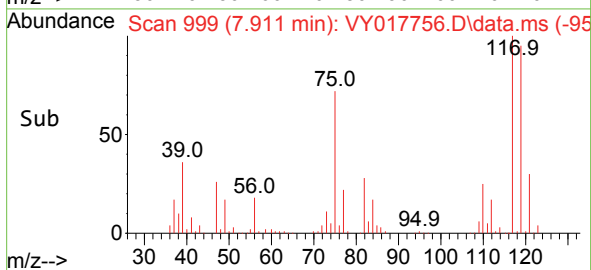
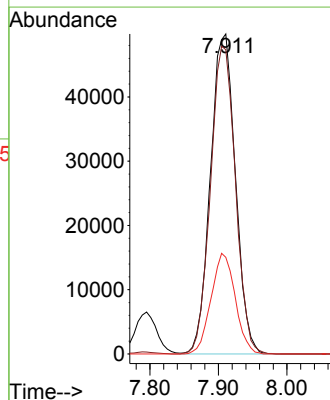
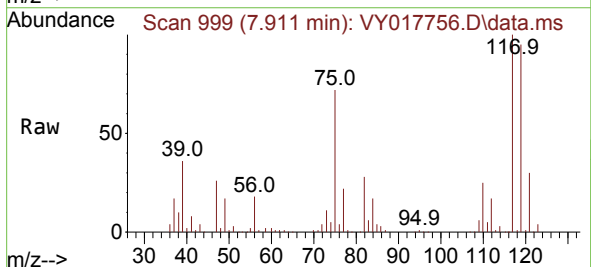
Tgt Ion: 117 Resp: 126033

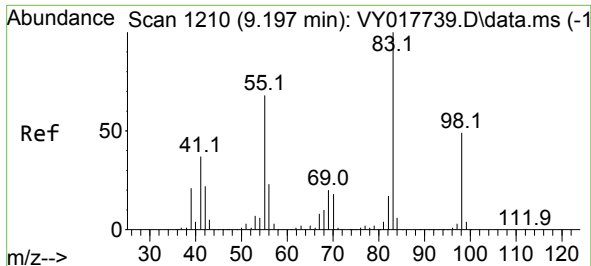
Ion Ratio Lower Upper

117 100

119 95.1 75.8 113.6

121 30.2 24.0 36.0

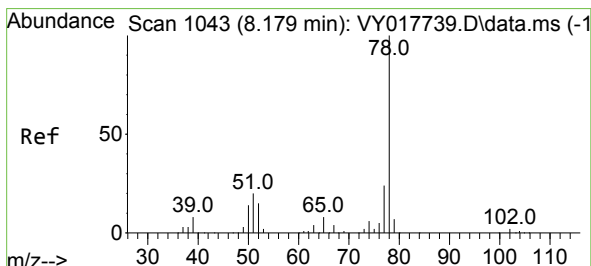
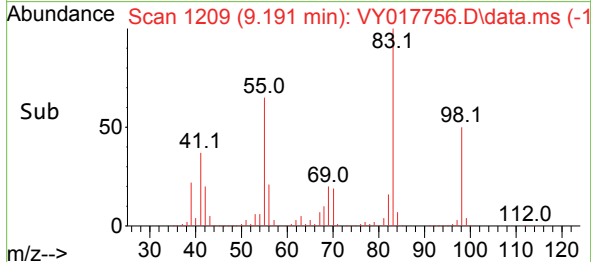
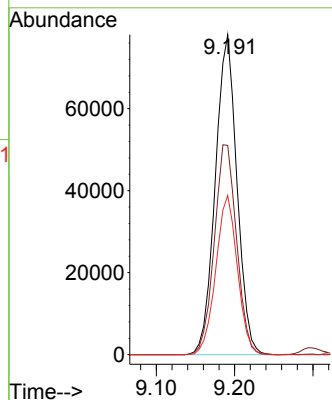
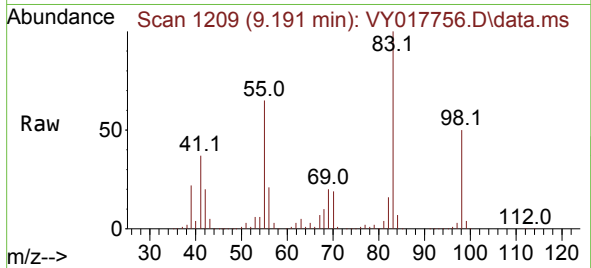




#39
Methylcyclohexane
Concen: 49.298 ug/l
RT: 9.191 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

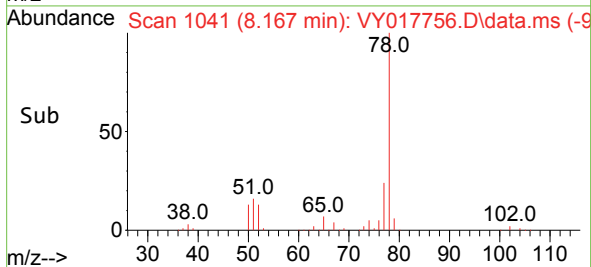
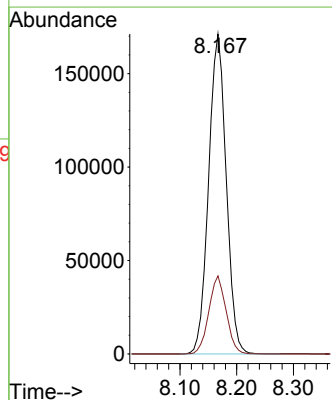
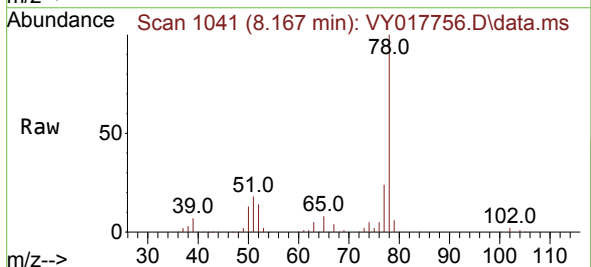
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

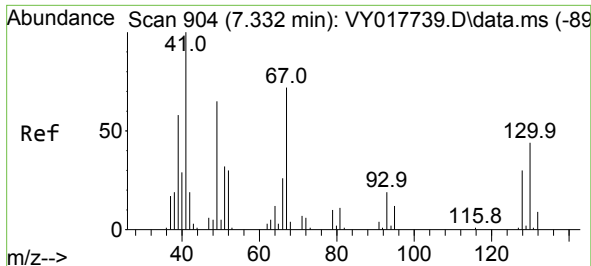
Tgt Ion: 83 Resp: 149952
Ion Ratio Lower Upper
83 100
55 65.4 51.5 77.3
98 49.7 40.5 60.7



#40
Benzene
Concen: 52.025 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 78 Resp: 369003
Ion Ratio Lower Upper
78 100
77 24.4 19.5 29.3

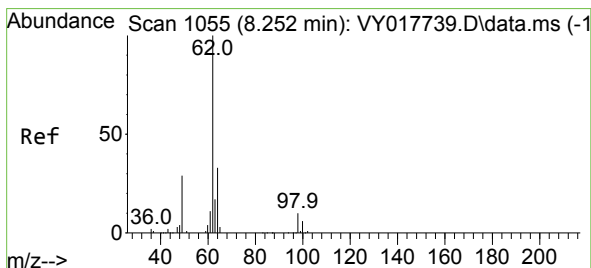
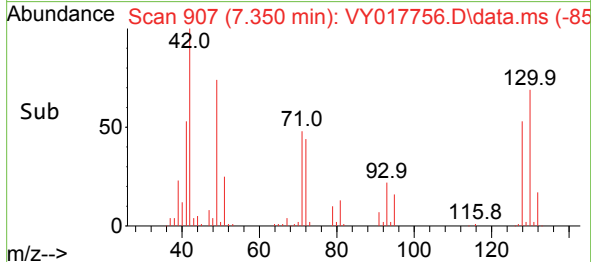
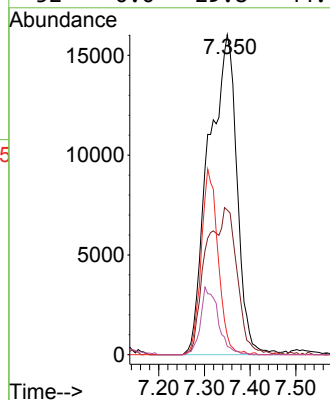
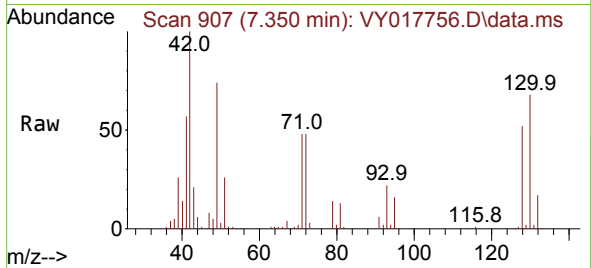




#41
Methacrylonitrile
Concen: 153.173 ug/l
RT: 7.350 min Scan# 904
Delta R.T. 0.018 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

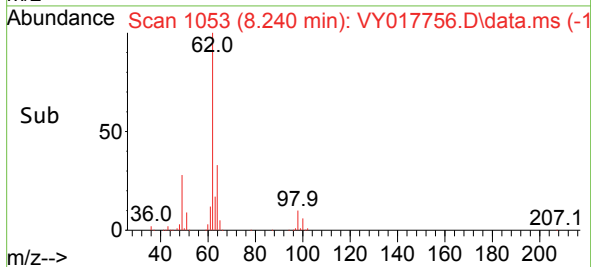
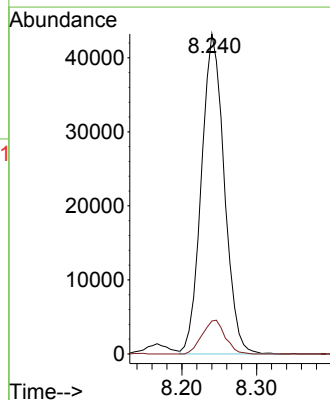
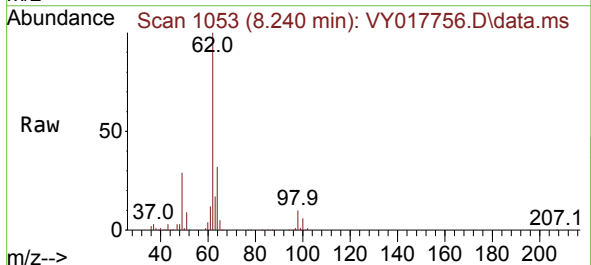
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

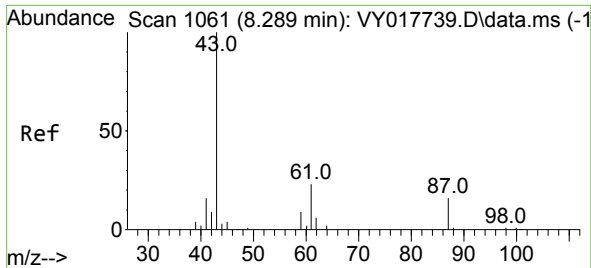
Tgt Ion: 41 Resp: 68891
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 54.189 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.012 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 62 Resp: 92061
Ion Ratio Lower Upper
62 100
98 10.5 0.0 22.0





#43

Isopropyl Acetate

Concen: 53.250 ug/l

RT: 8.277 min Scan# 1109

Delta R.T. -0.012 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

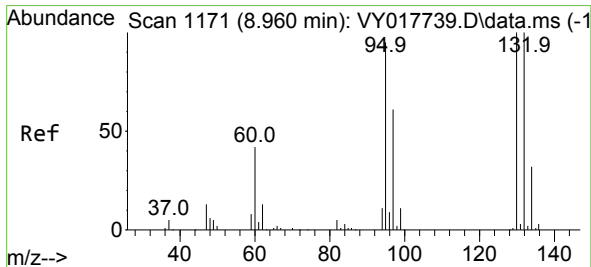
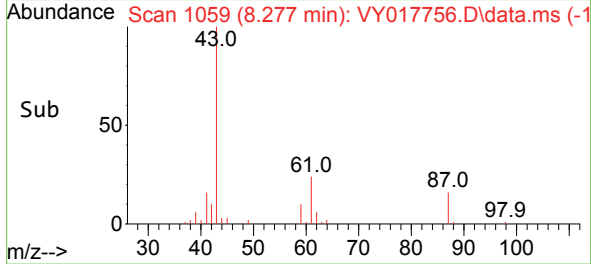
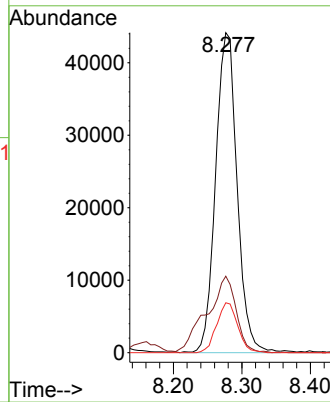
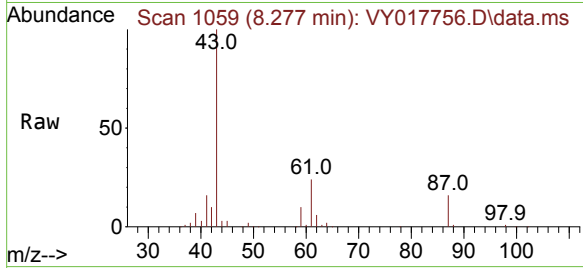
Tgt Ion: 43 Resp: 96006

Ion Ratio Lower Upper

43 100

61 32.8 27.9 41.9

87 15.3 13.1 19.7



#44

Trichloroethene

Concen: 53.592 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. -0.012 min

Lab File: VY017756.D

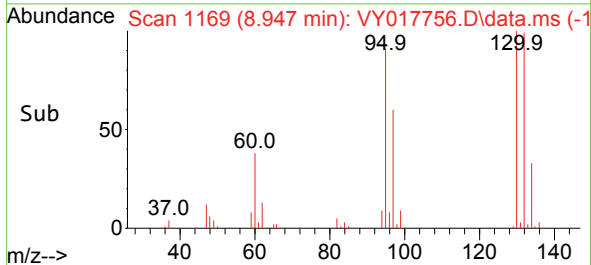
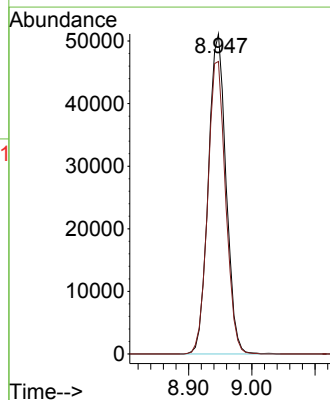
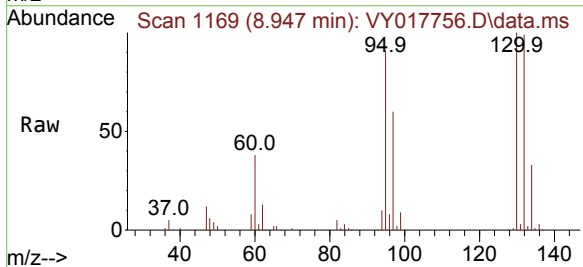
Acq: 25 Mar 2024 17:34

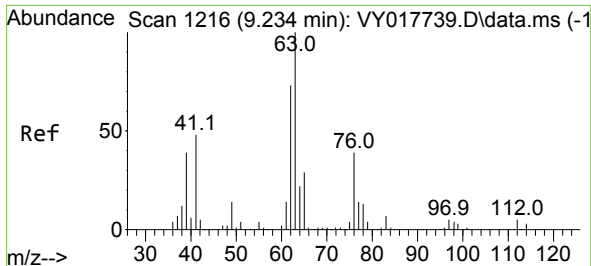
Tgt Ion:130 Resp: 99427

Ion Ratio Lower Upper

130 100

95 91.4 0.0 188.0

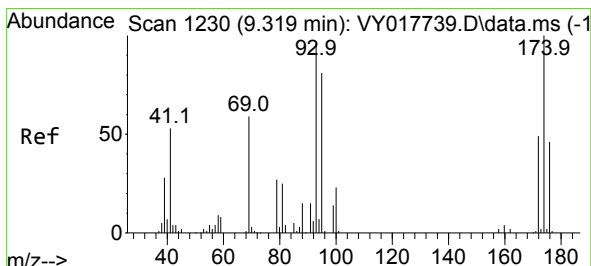
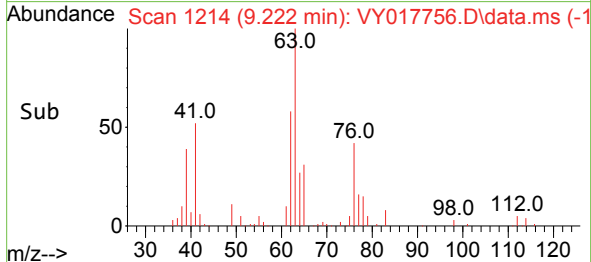
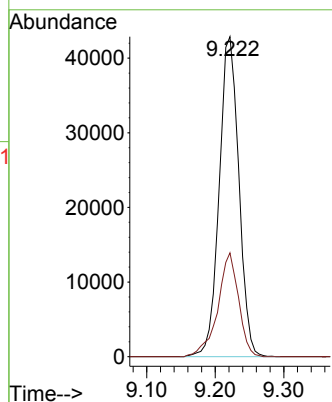
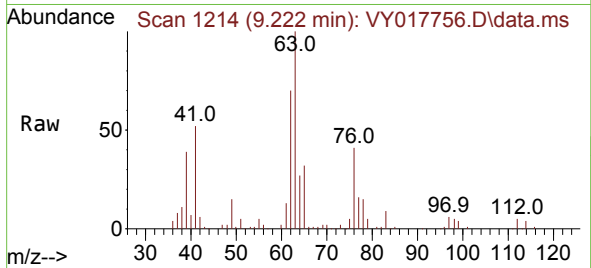




#45
1,2-Dichloropropane
Concen: 52.667 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

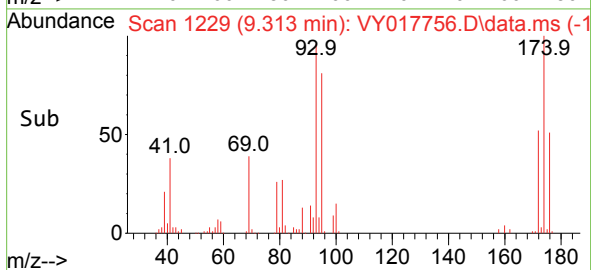
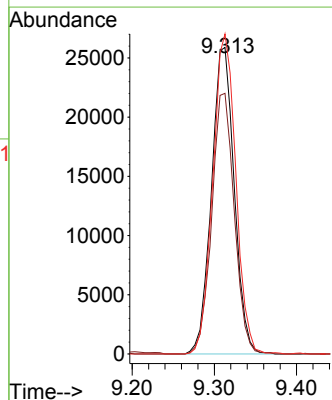
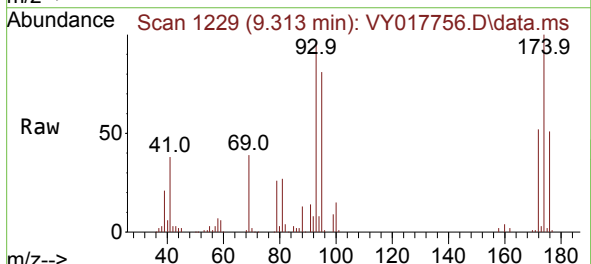
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

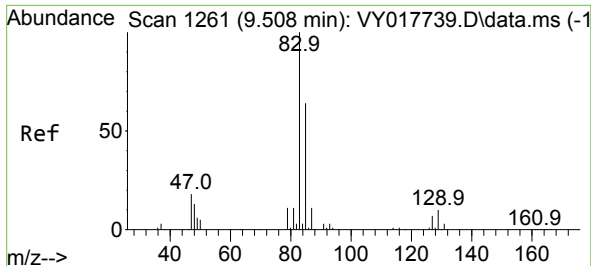
Tgt Ion: 63 Resp: 85115
Ion Ratio Lower Upper
63 100
65 32.4 25.4 38.2



#46
Dibromomethane
Concen: 55.361 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 93 Resp: 49856
Ion Ratio Lower Upper
93 100
95 84.2 66.2 99.4
174 105.4 80.9 121.3

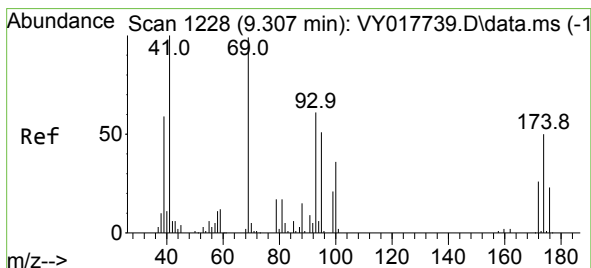
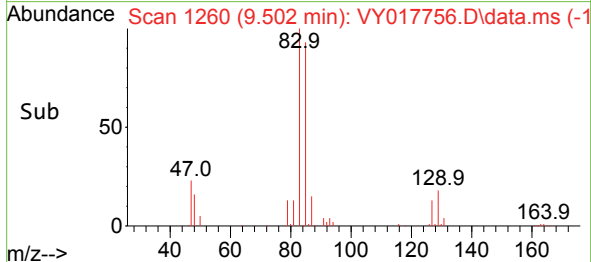
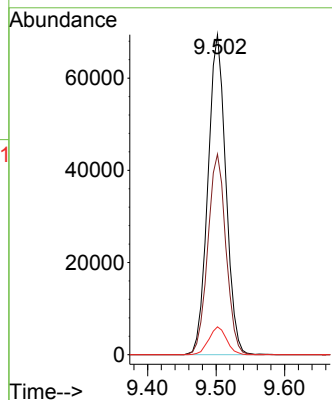
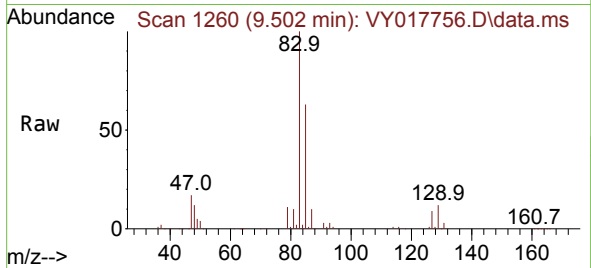




#47
Bromodichloromethane
Concen: 54.753 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

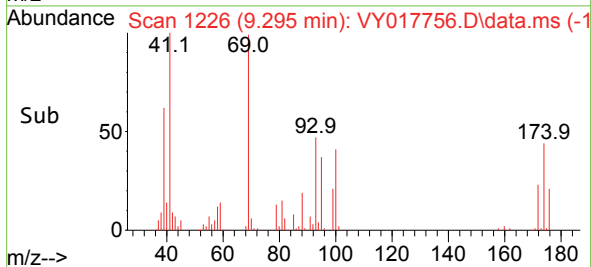
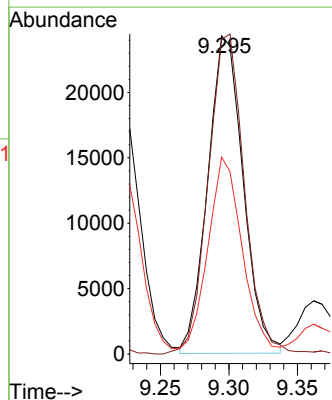
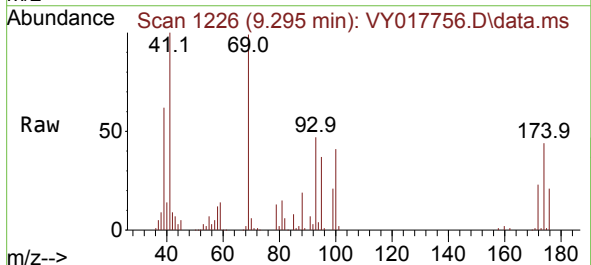
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

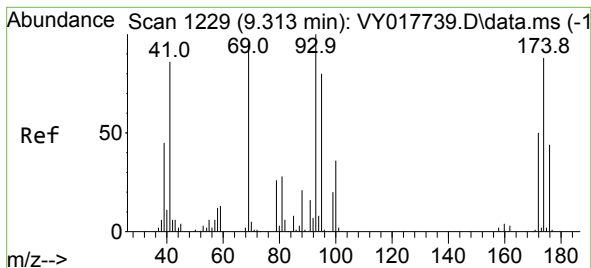
Tgt Ion: 83 Resp: 126081
Ion Ratio Lower Upper
83 100
85 62.7 50.1 75.1
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 52.134 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.012 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 41 Resp: 43732
Ion Ratio Lower Upper
41 100
69 102.9 84.1 126.1
39 57.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1311.599 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

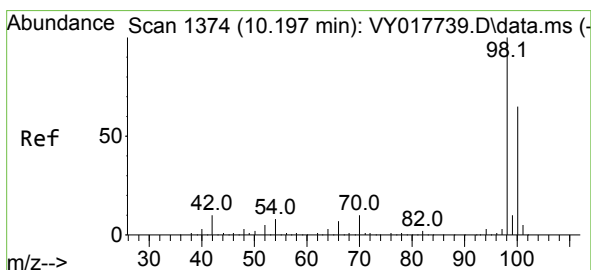
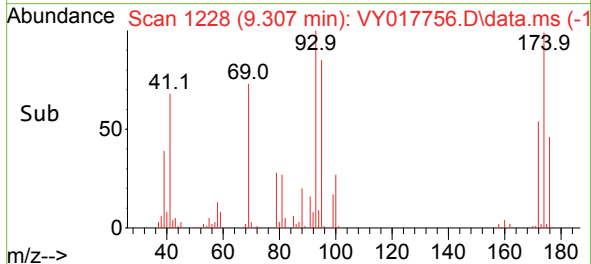
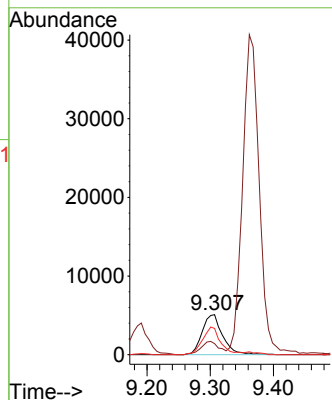
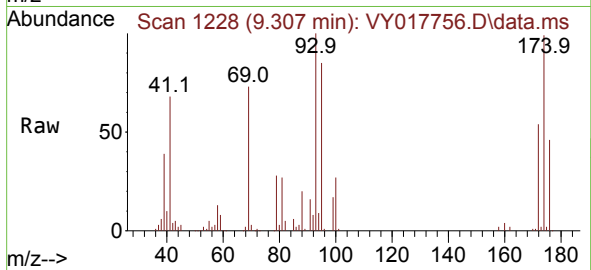
Tgt Ion: 88 Resp: 11493

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 61.0 49.3 73.9



#50

Toluene-d8

Concen: 53.493 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.012 min

Lab File: VY017756.D

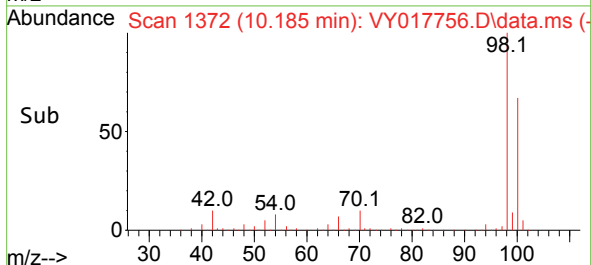
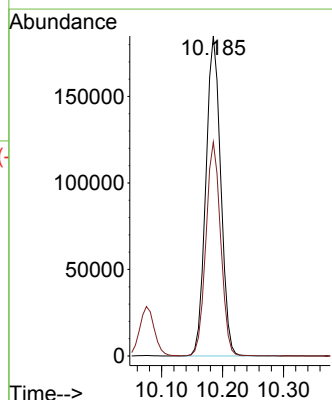
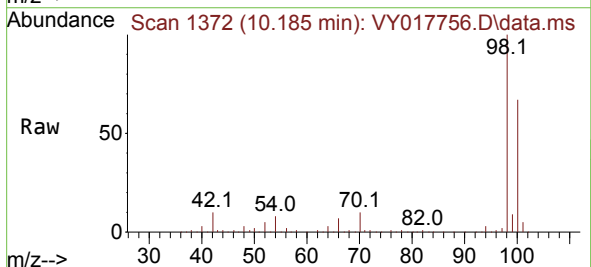
Acq: 25 Mar 2024 17:34

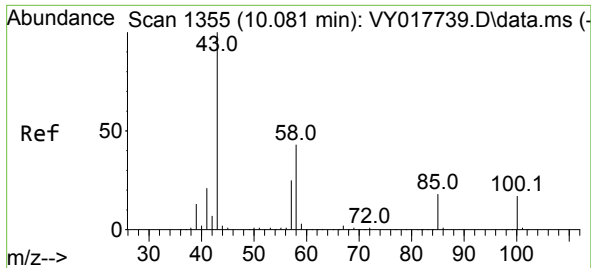
Tgt Ion: 98 Resp: 314006

Ion Ratio Lower Upper

98 100

100 66.1 52.0 78.0

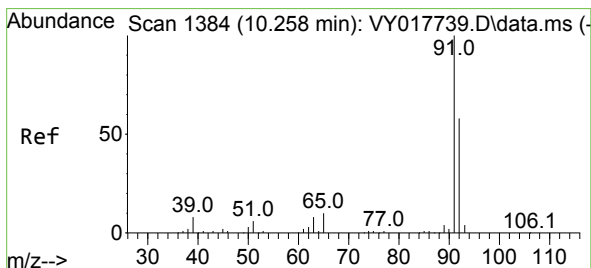
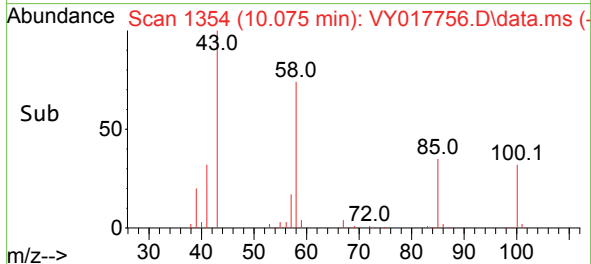
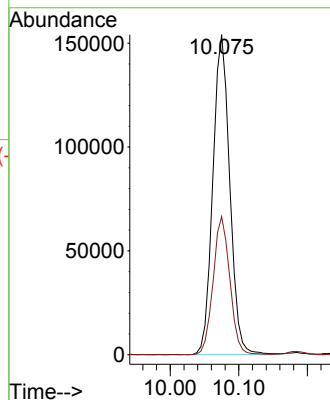
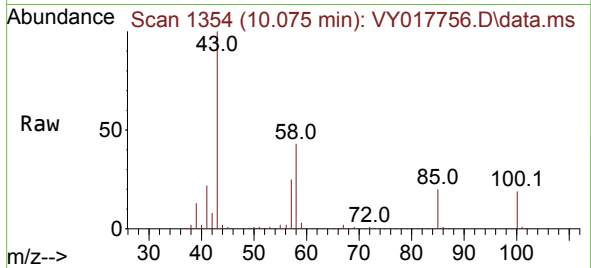




#51
4-Methyl-2-Pentanone
Concen: 272.004 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

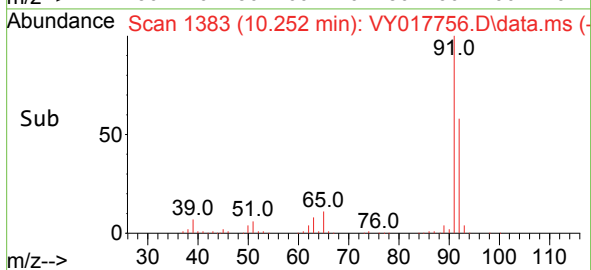
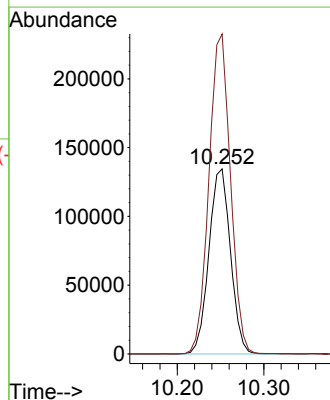
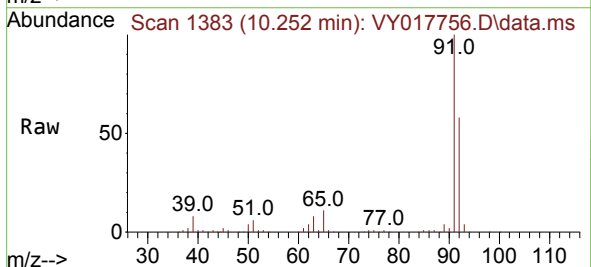
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

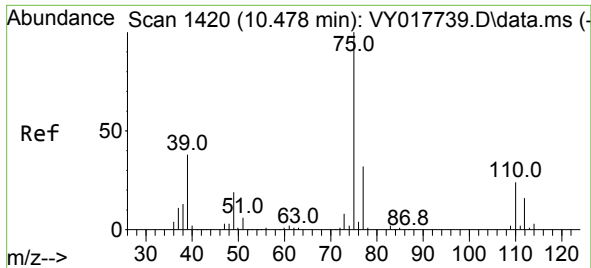
Tgt Ion: 43 Resp: 263818
Ion Ratio Lower Upper
43 100
58 42.7 35.7 53.5



#52
Toluene
Concen: 53.114 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 92 Resp: 232792
Ion Ratio Lower Upper
92 100
91 172.7 139.0 208.6

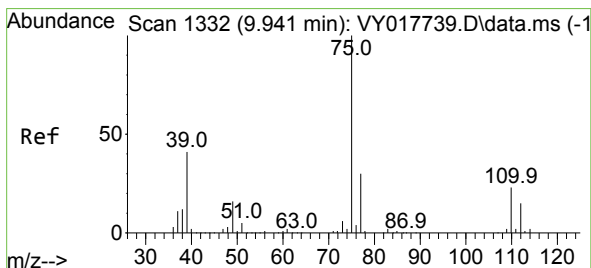
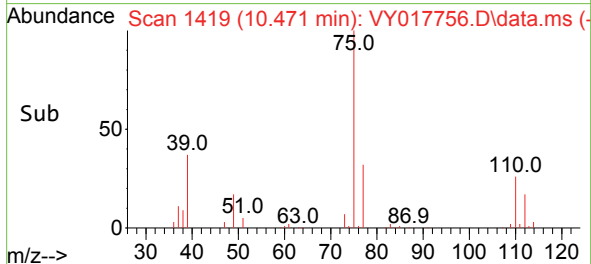
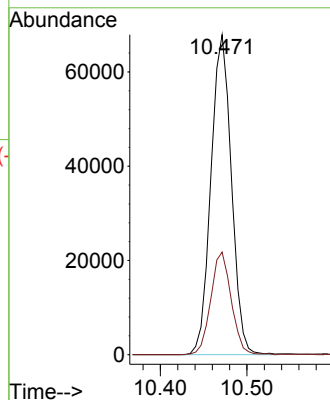
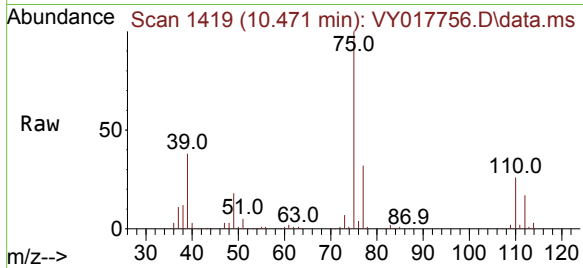




#53
 t-1,3-Dichloropropene
 Concen: 55.421 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017756.D
 Acq: 25 Mar 2024 17:34

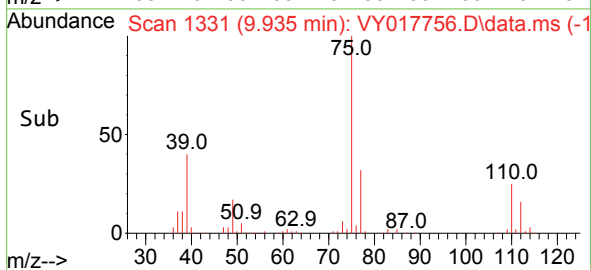
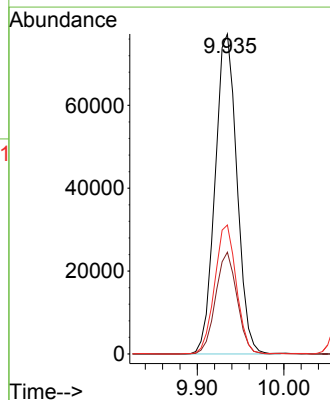
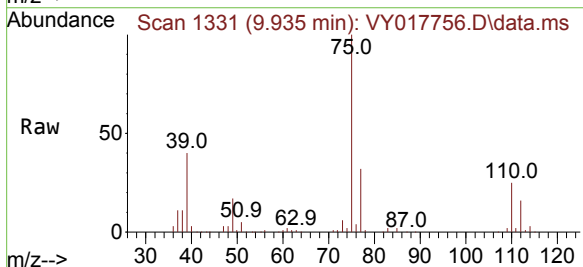
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

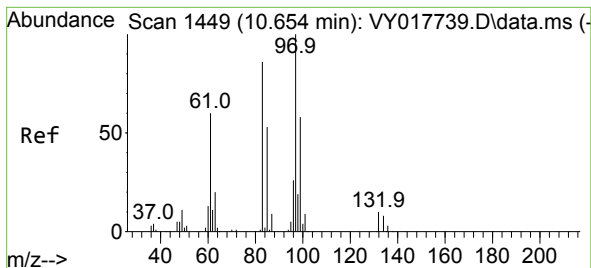
Tgt Ion: 75 Resp: 111609
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 54.967 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY017756.D
 Acq: 25 Mar 2024 17:34

Tgt Ion: 75 Resp: 135223
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.0
 39 40.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 57.275 ug/l

RT: 10.648 min Scan# 1449

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 65983

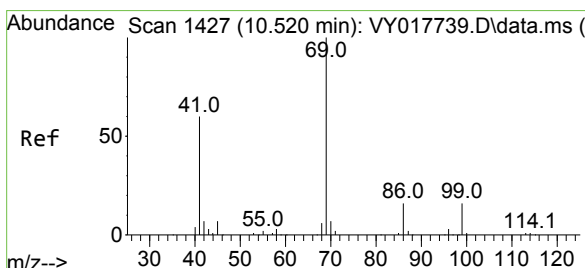
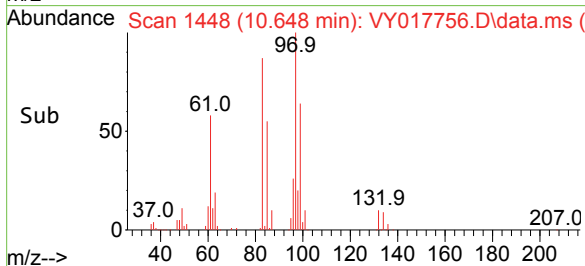
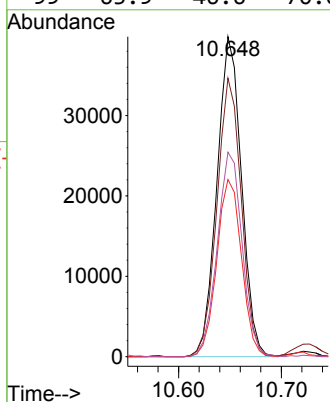
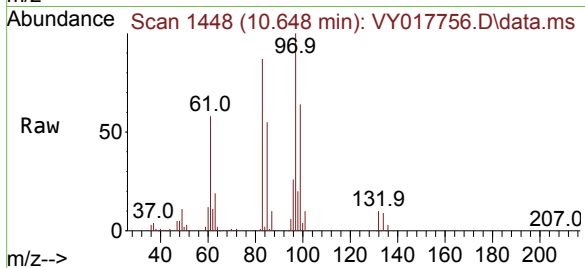
Ion Ratio Lower Upper

97 100

83 87.1 67.5 101.3

85 55.3 42.9 64.3

99 63.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 54.708 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

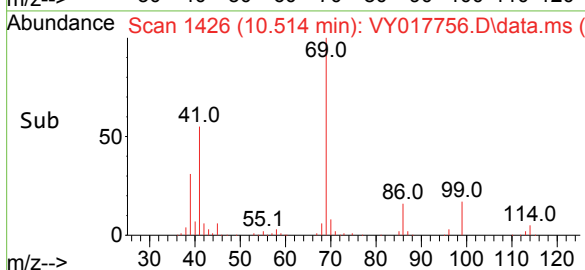
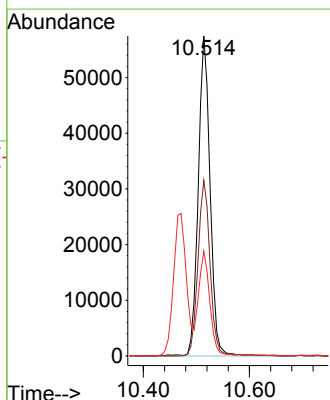
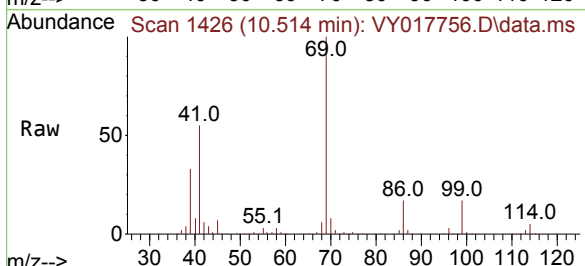
Tgt Ion: 69 Resp: 88819

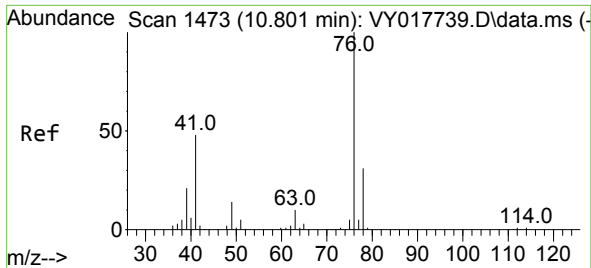
Ion Ratio Lower Upper

69 100

41 55.2 42.3 63.5

39 30.1 22.9 34.3

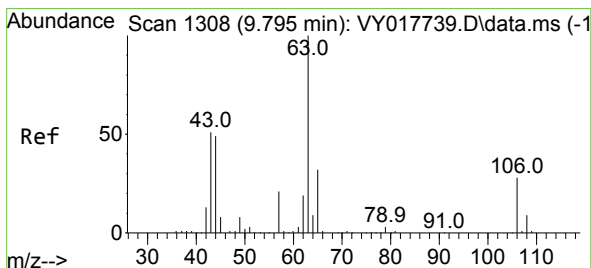
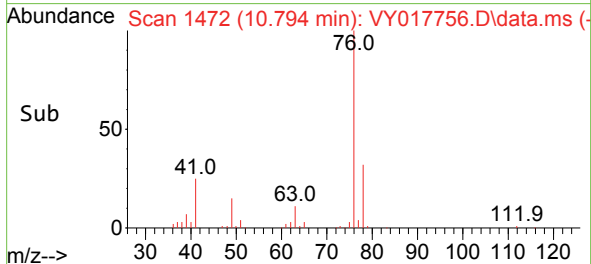
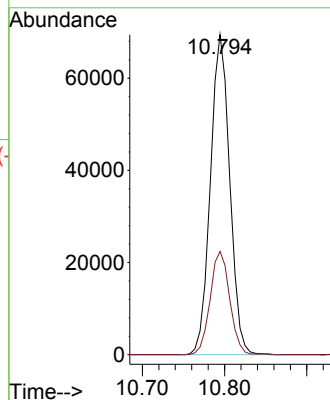
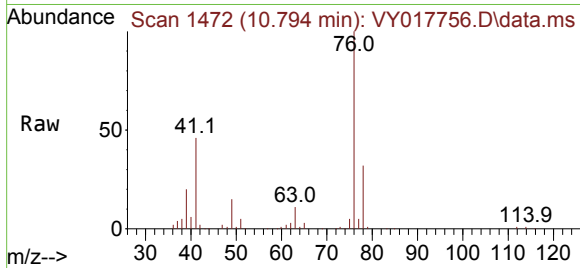




#57
1,3-Dichloropropane
Concen: 57.066 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

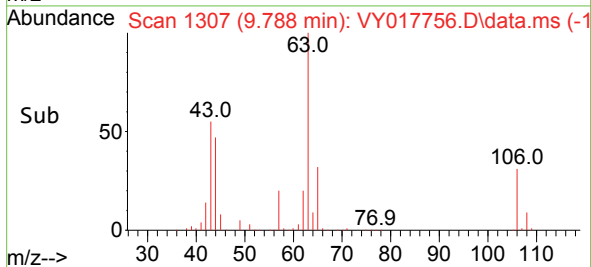
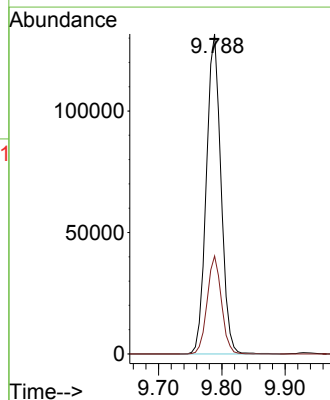
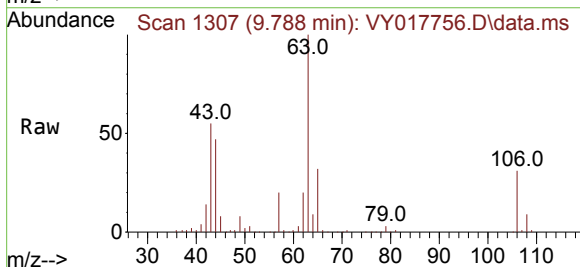
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

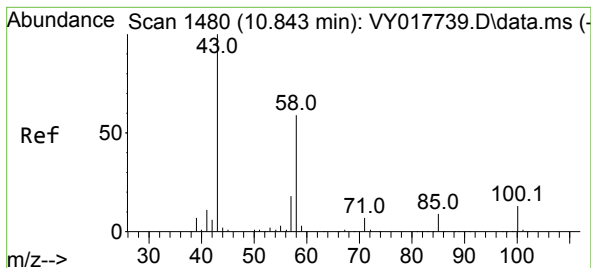
Tgt Ion: 76 Resp: 113237
Ion Ratio Lower Upper
76 100
78 32.6 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 259.662 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.007 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 63 Resp: 211586
Ion Ratio Lower Upper
63 100
106 29.9 23.7 35.5

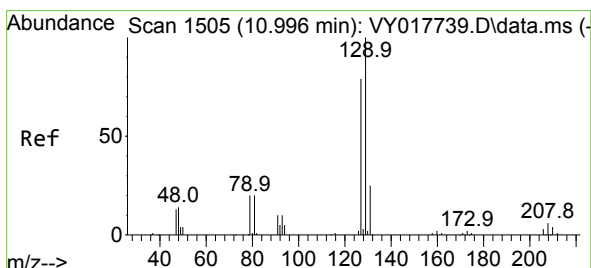
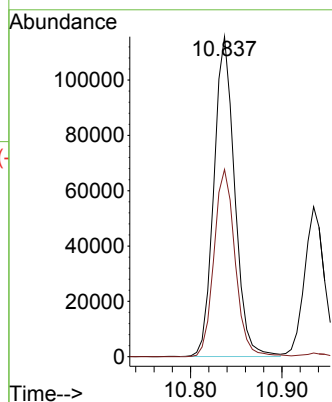
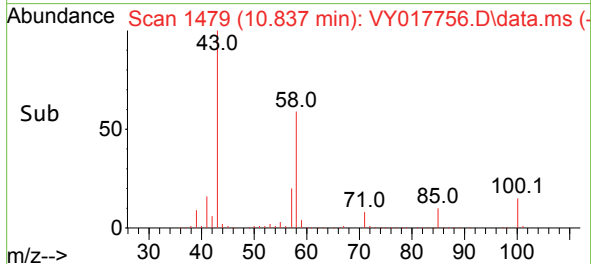
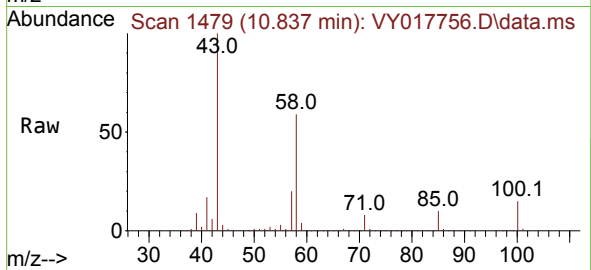




#59
2-Hexanone
Concen: 267.385 ug/l
RT: 10.837 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

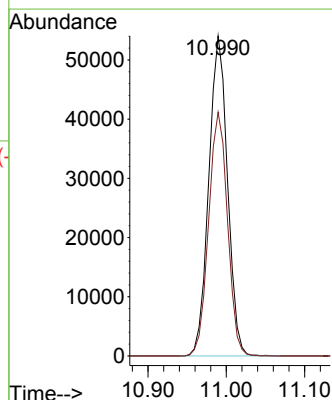
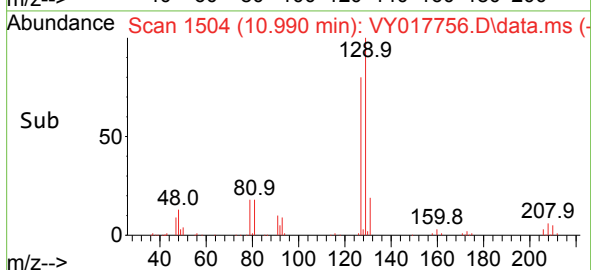
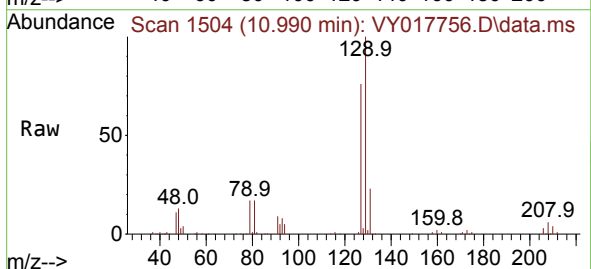
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

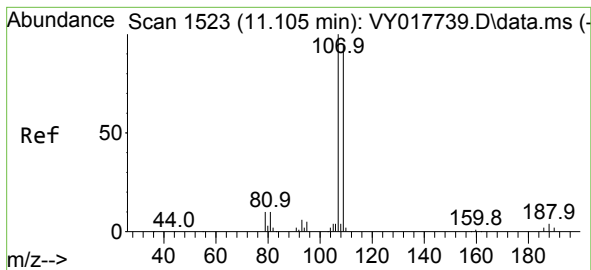
Tgt Ion: 43 Resp: 182551
Ion Ratio Lower Upper
43 100
58 59.6 31.4 94.0



#60
Dibromochloromethane
Concen: 58.182 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion:129 Resp: 89656
Ion Ratio Lower Upper
129 100
127 76.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 58.160 ug/l

RT: 11.093 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

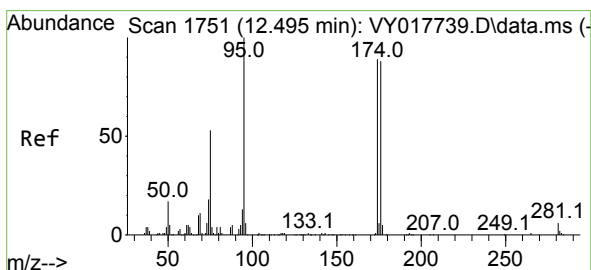
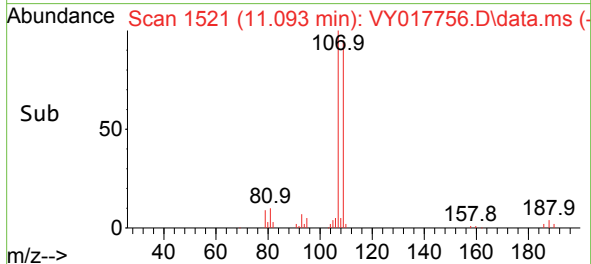
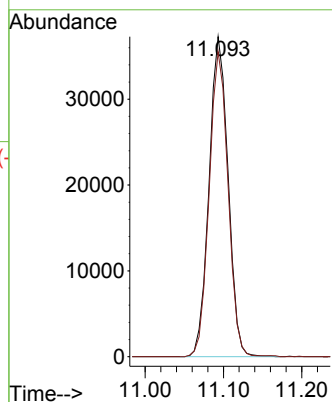
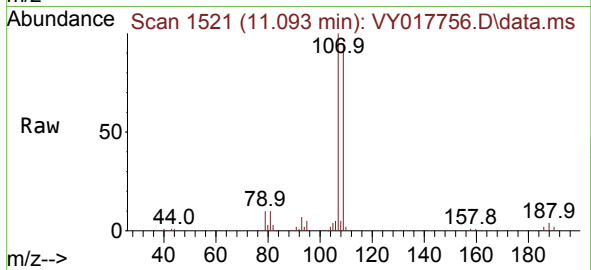
VSTDCCC050EC

Tgt Ion:107 Resp: 62904

Ion Ratio Lower Upper

107 100

109 94.4 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 56.922 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

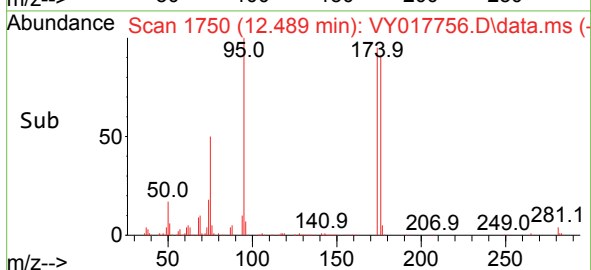
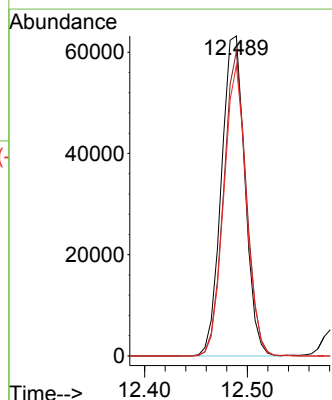
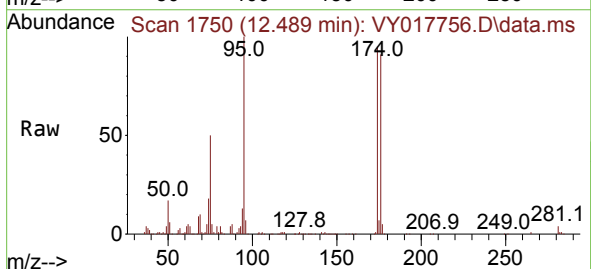
Tgt Ion: 95 Resp: 100335

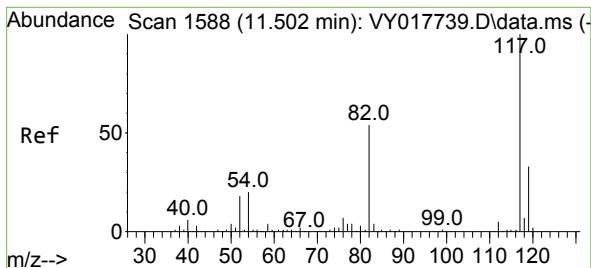
Ion Ratio Lower Upper

95 100

174 91.4 0.0 175.6

176 87.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

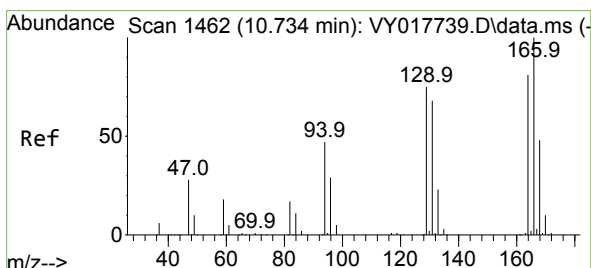
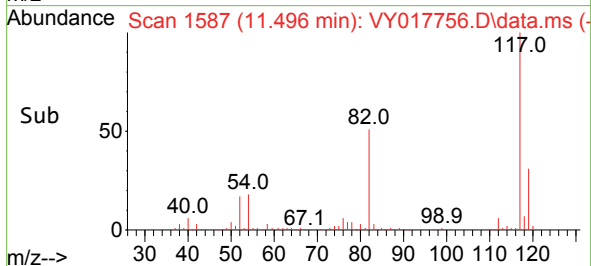
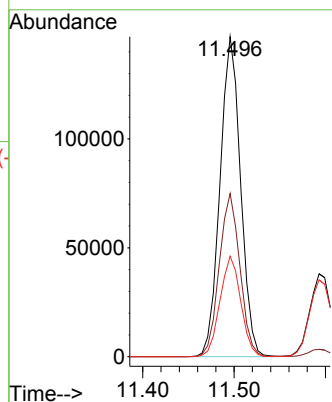
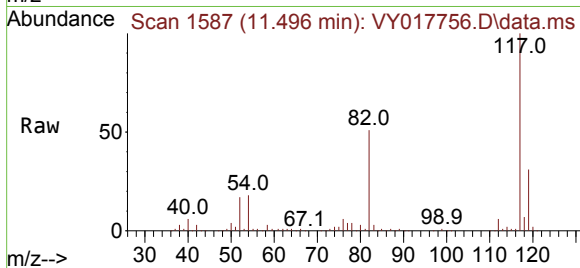
Tgt Ion:117 Resp: 229791

Ion Ratio Lower Upper

117 100

82 51.0 42.4 63.6

119 31.4 25.9 38.9



#64

Tetrachloroethene

Concen: 54.741 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Tgt Ion:164 Resp: 116330

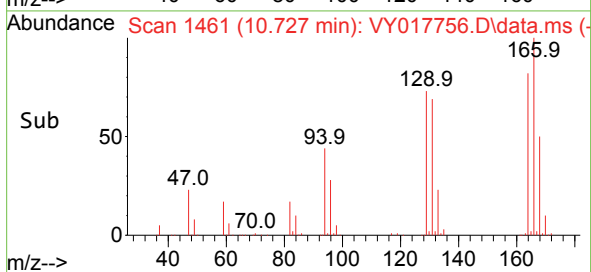
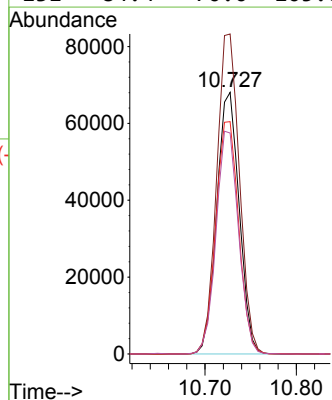
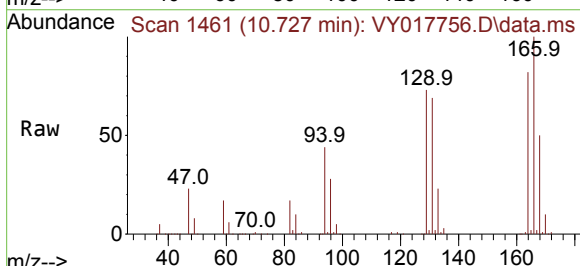
Ion Ratio Lower Upper

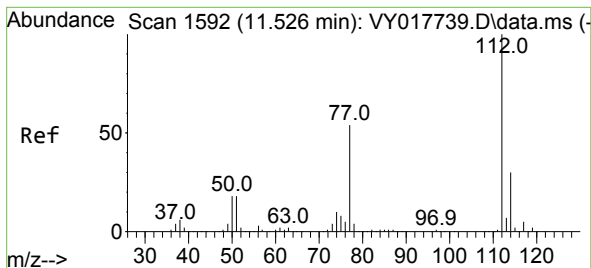
164 100

166 122.3 102.6 154.0

129 88.8 72.0 108.0

131 84.4 70.0 105.0

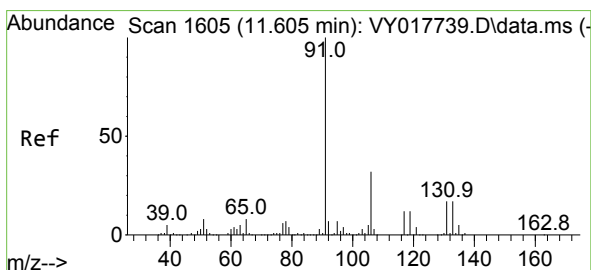
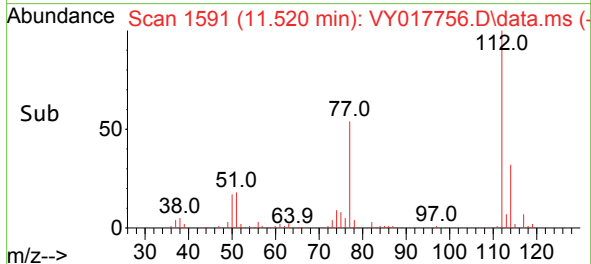
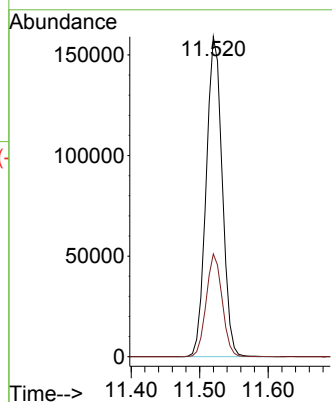
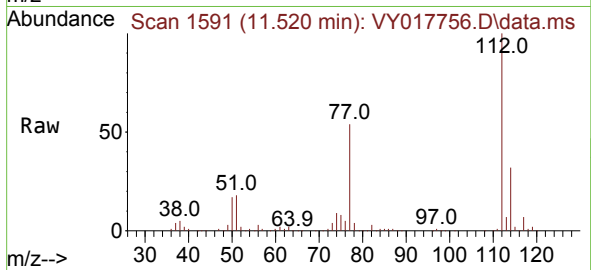




#65
Chlorobenzene
Concen: 52.443 ug/l
RT: 11.520 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

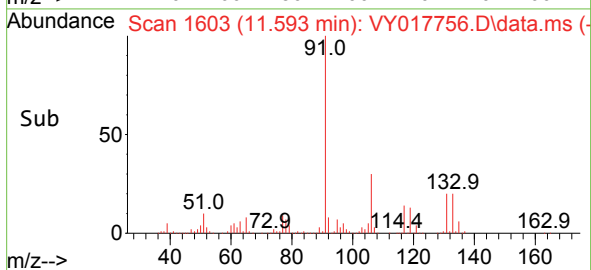
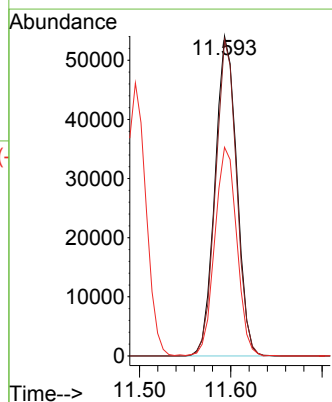
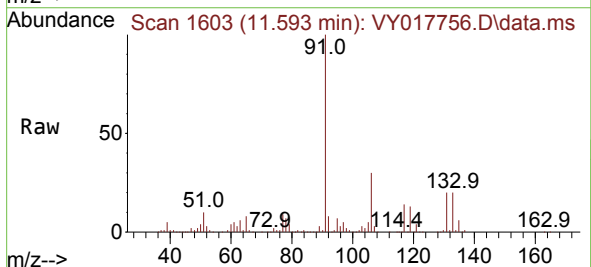
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

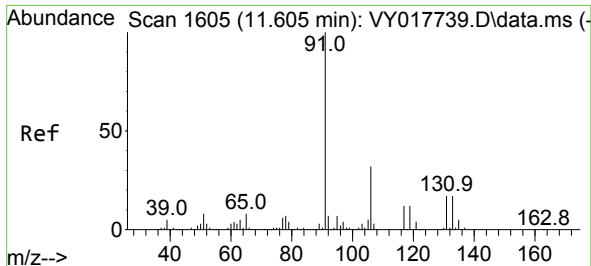
Tgt Ion:112 Resp: 259410
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.127 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.012 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion:131 Resp: 89410
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 65.8 34.1 102.2





#67

Ethyl Benzene

Concen: 52.256 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

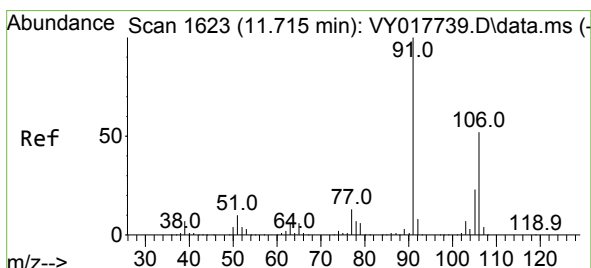
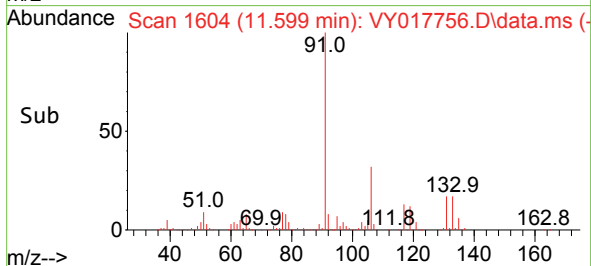
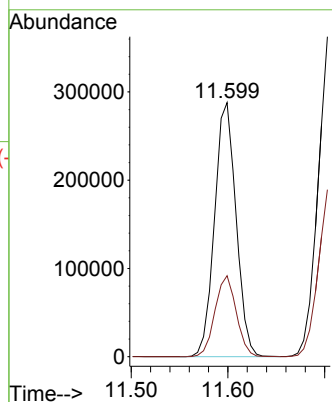
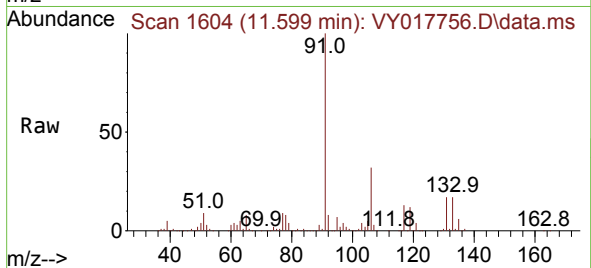
VSTDCCC050EC

Tgt Ion: 91 Resp: 443931

Ion Ratio Lower Upper

91 100

106 31.8 24.5 36.7



#68

m/p-Xylenes

Concen: 106.721 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY017756.D

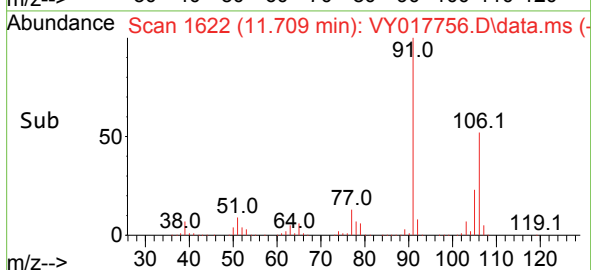
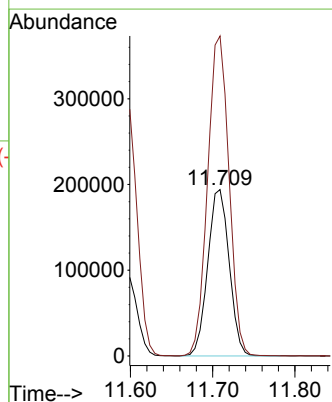
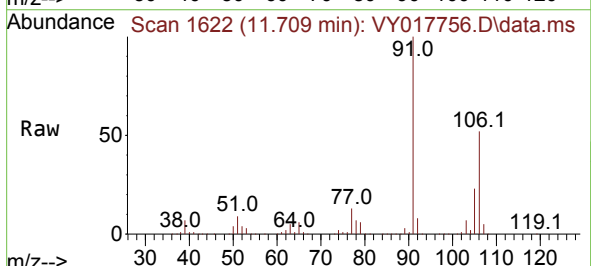
Acq: 25 Mar 2024 17:34

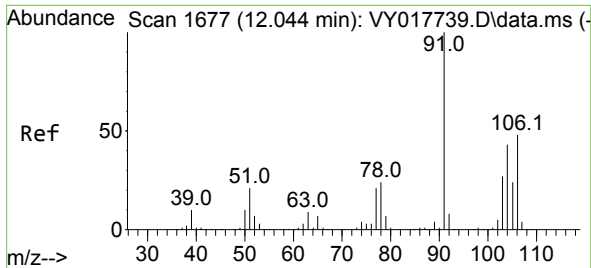
Tgt Ion:106 Resp: 351700

Ion Ratio Lower Upper

106 100

91 191.8 156.0 234.0

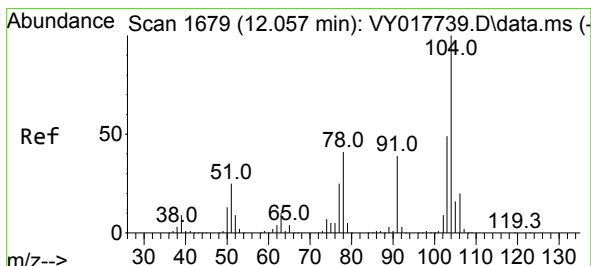
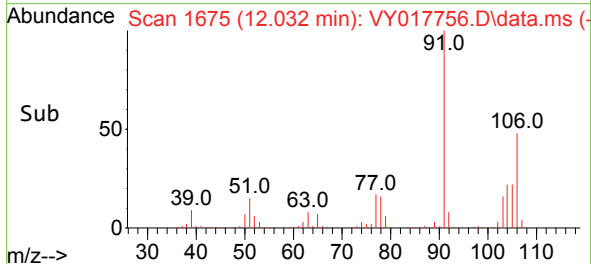
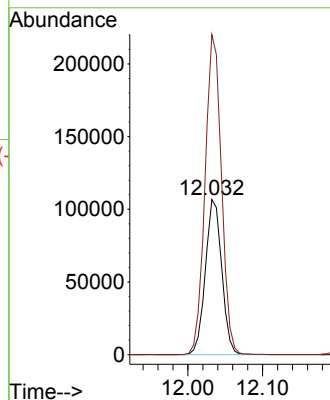
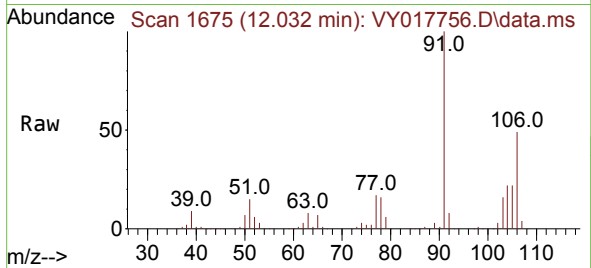




#69
o-Xylene
Concen: 54.018 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.012 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

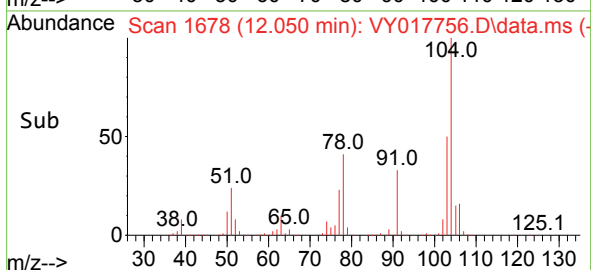
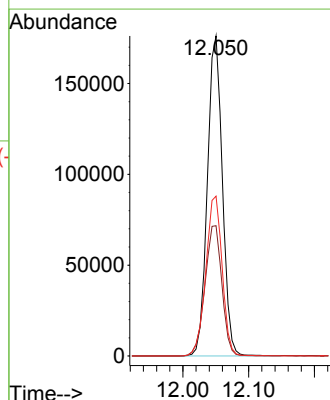
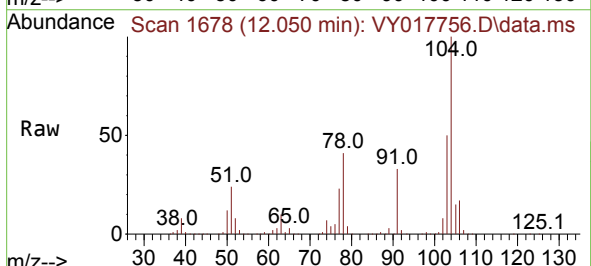
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

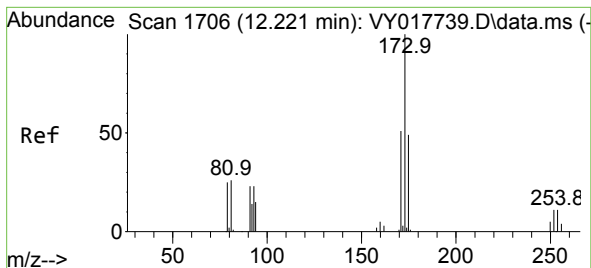
Tgt Ion:106 Resp: 162527
Ion Ratio Lower Upper
106 100
91 206.8 103.6 310.8



#70
Styrene
Concen: 55.866 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion:104 Resp: 279750
Ion Ratio Lower Upper
104 100
78 46.0 37.0 55.4
103 54.5 44.2 66.2





#71

Bromoform

Concen: 59.788 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

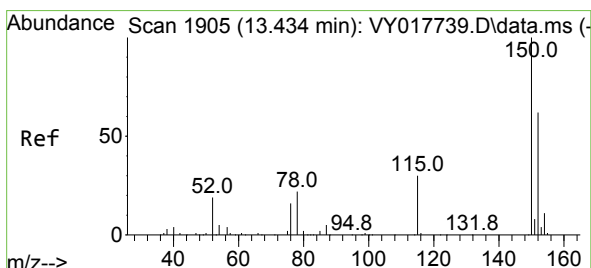
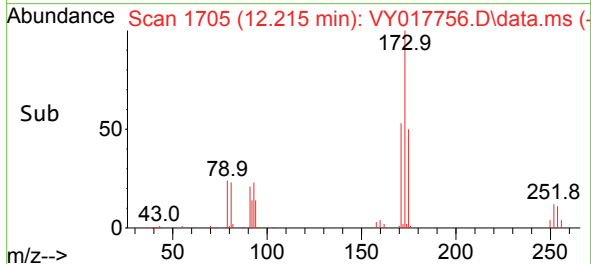
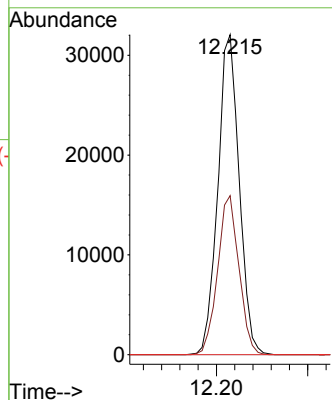
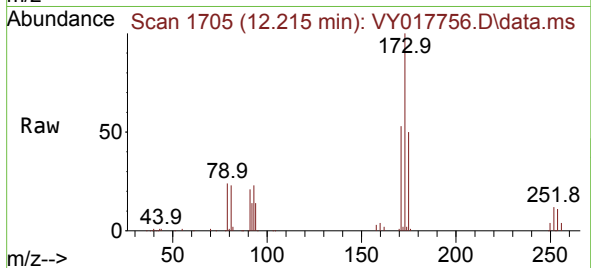
Tgt Ion:173 Resp: 52012

Ion Ratio Lower Upper

173 100

175 49.6 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

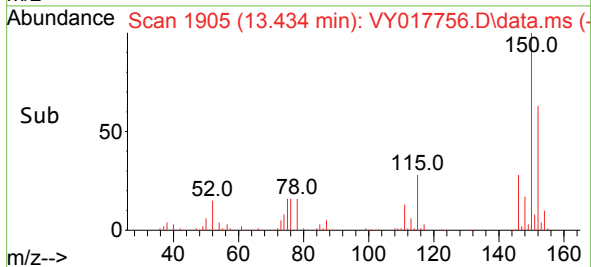
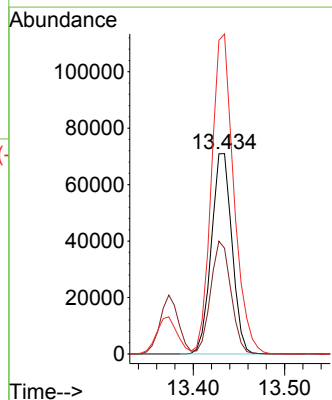
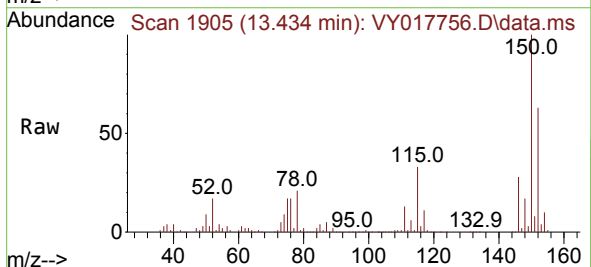
Tgt Ion:152 Resp: 111348

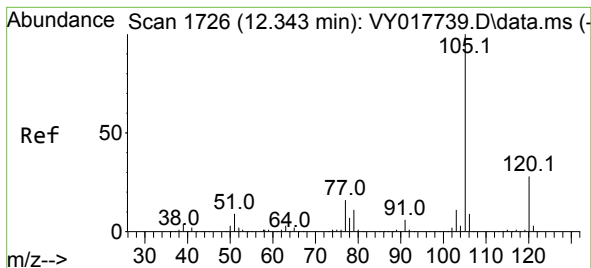
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 172.8 0.0 345.6





#73

Isopropylbenzene

Concen: 49.689 ug/l

RT: 12.337 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

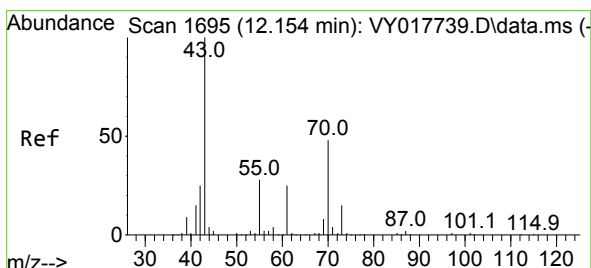
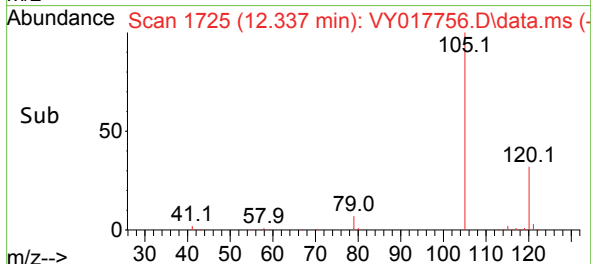
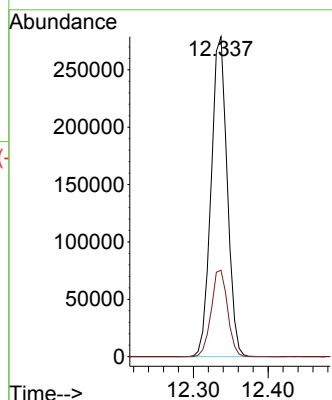
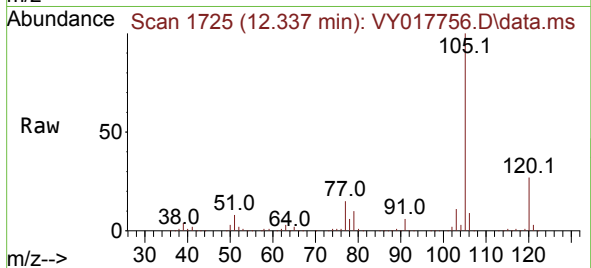
VSTDCCC050EC

Tgt Ion:105 Resp: 417780

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.1



#74

N-ethyl acetate

Concen: 49.329 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Tgt Ion: 43 Resp: 85197

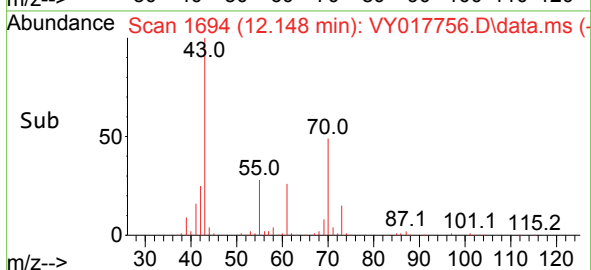
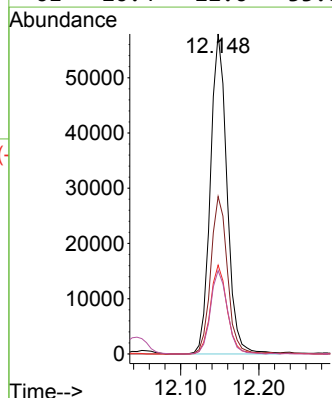
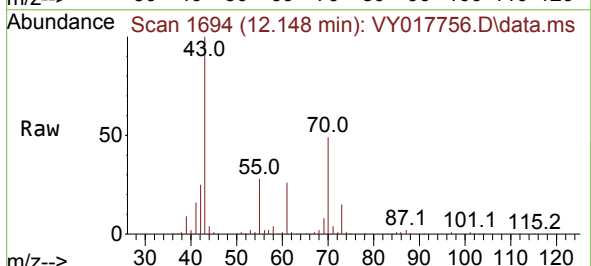
Ion Ratio Lower Upper

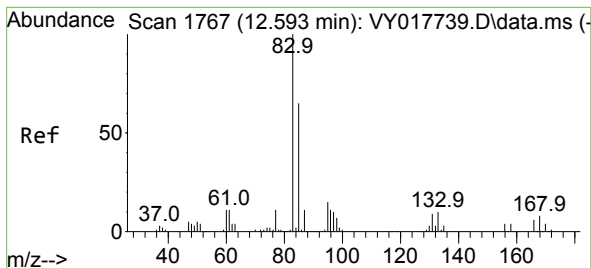
43 100

70 49.2 41.4 62.2

55 27.9 23.3 34.9

61 26.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.999 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

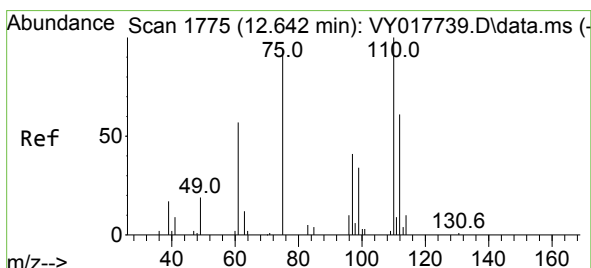
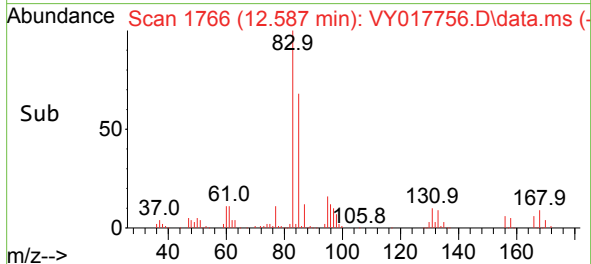
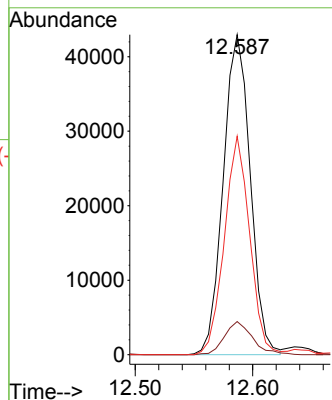
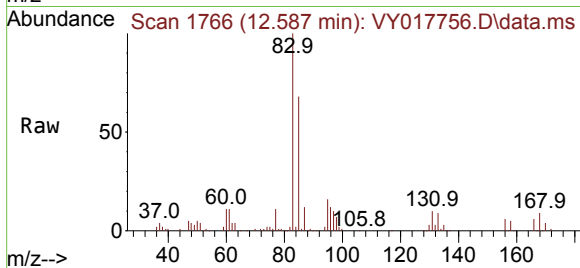
Tgt Ion: 83 Resp: 68612

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 91.147 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY017756.D

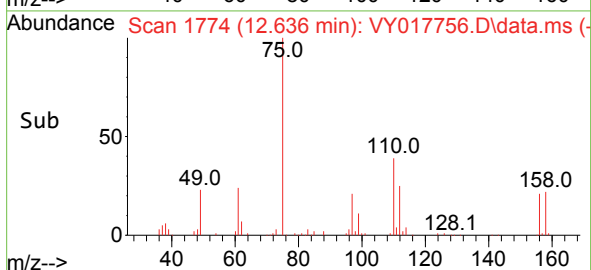
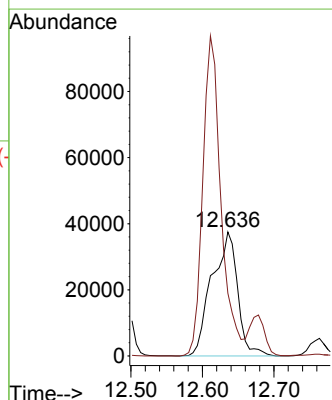
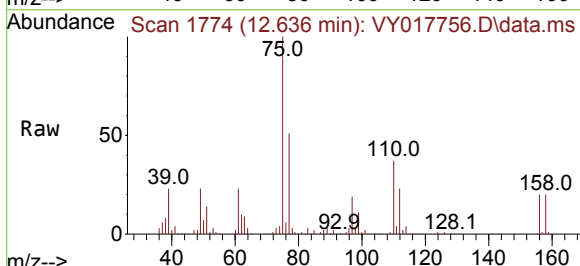
Acq: 25 Mar 2024 17:34

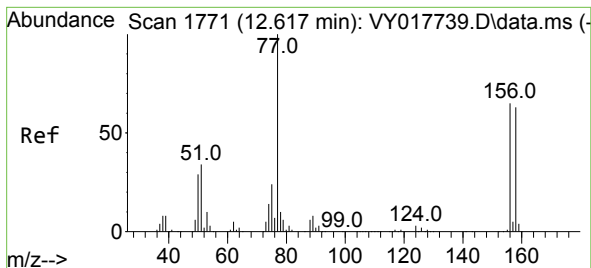
Tgt Ion: 75 Resp: 93720

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.778 ug/l

RT: 12.617 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

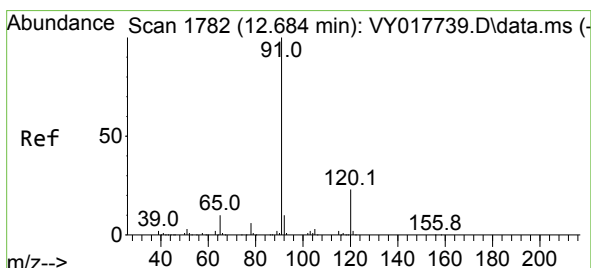
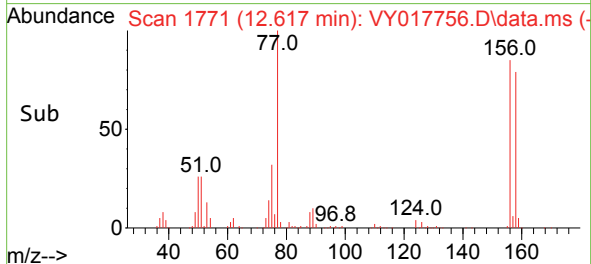
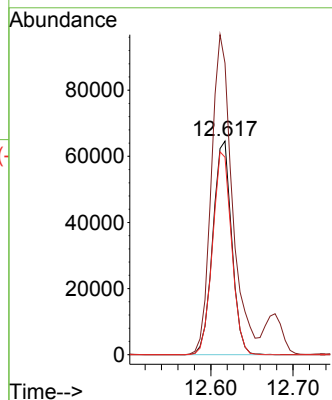
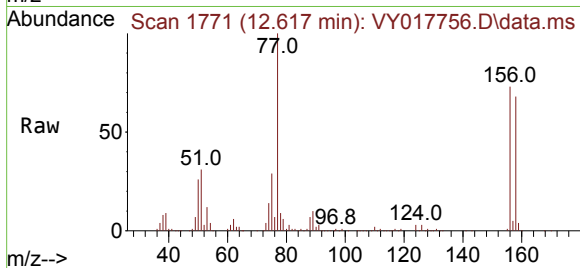
Tgt Ion:156 Resp: 102945

Ion Ratio Lower Upper

156 100

77 165.5 87.1 261.3

158 95.8 48.6 145.9



#78

n-propylbenzene

Concen: 49.528 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VY017756.D

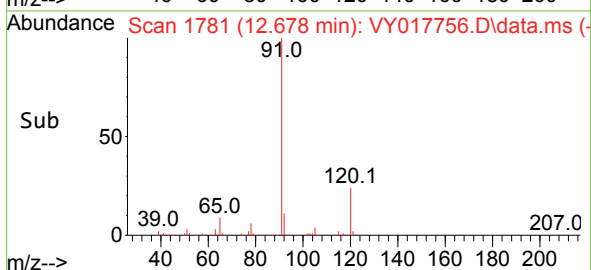
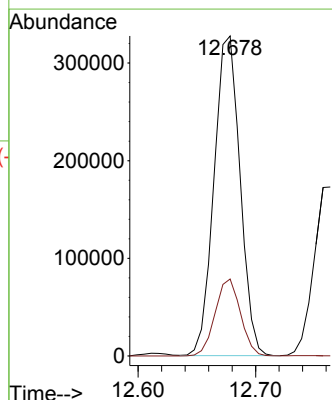
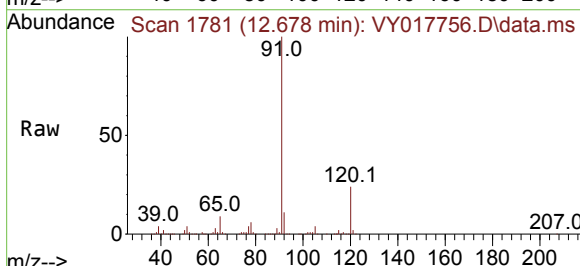
Acq: 25 Mar 2024 17:34

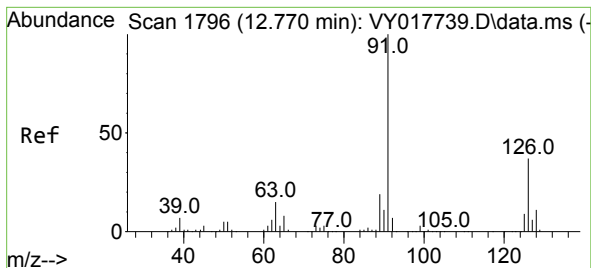
Tgt Ion: 91 Resp: 504093

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.369 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

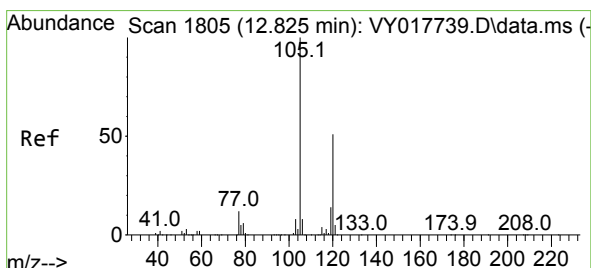
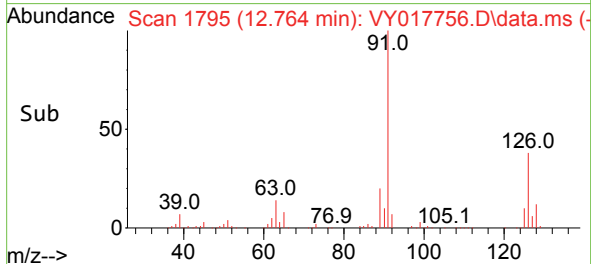
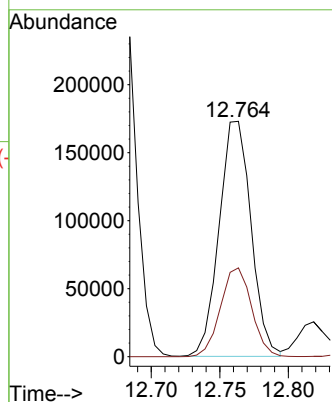
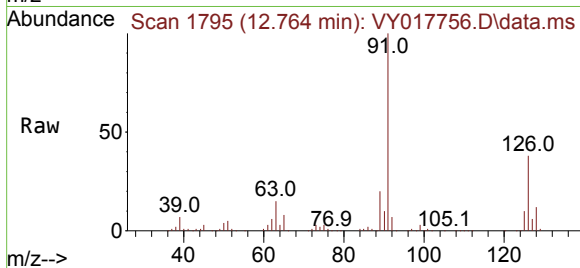
VSTDCCC050EC

Tgt Ion: 91 Resp: 281131

Ion Ratio Lower Upper

91 100

126 36.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 51.517 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VY017756.D

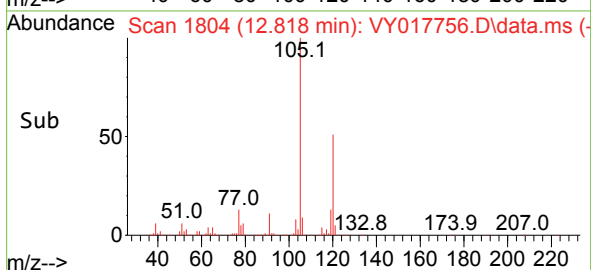
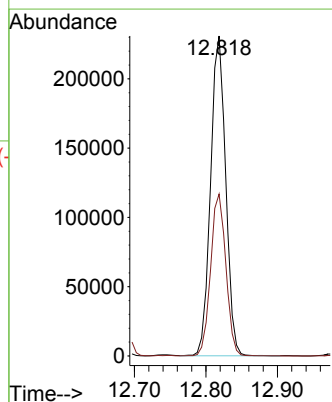
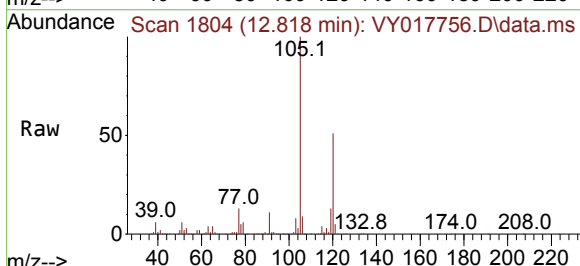
Acq: 25 Mar 2024 17:34

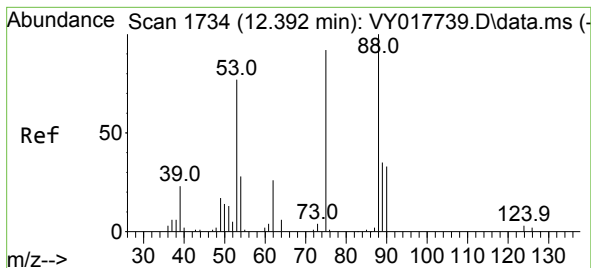
Tgt Ion: 105 Resp: 339075

Ion Ratio Lower Upper

105 100

120 51.2 25.1 75.2

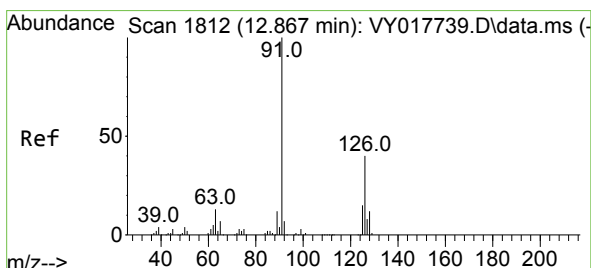
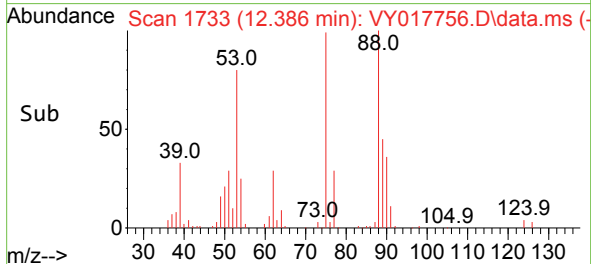
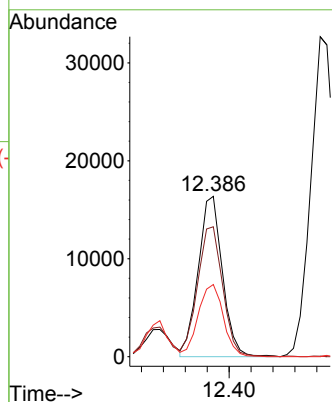
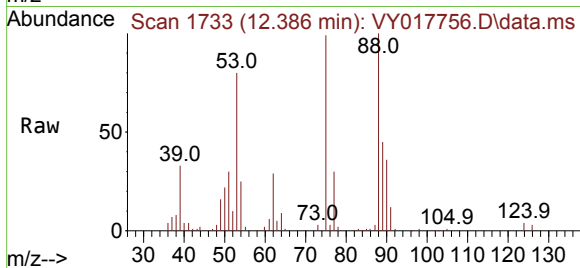




#81
trans-1,4-Dichloro-2-butene
Concen: 56.512 ug/l
RT: 12.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

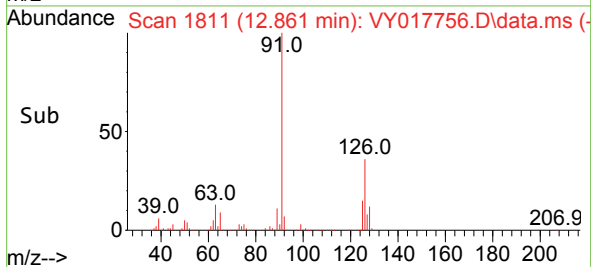
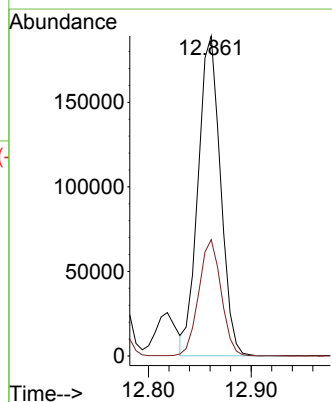
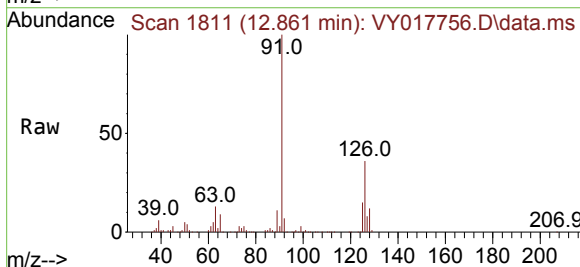
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

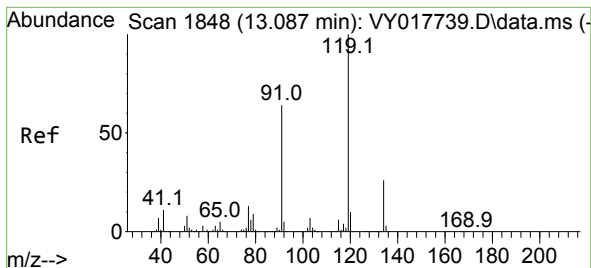
Tgt Ion: 75 Resp: 25147
Ion Ratio Lower Upper
75 100
53 84.2 66.8 100.2
89 46.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 50.092 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 91 Resp: 286862
Ion Ratio Lower Upper
91 100
126 36.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 51.540 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

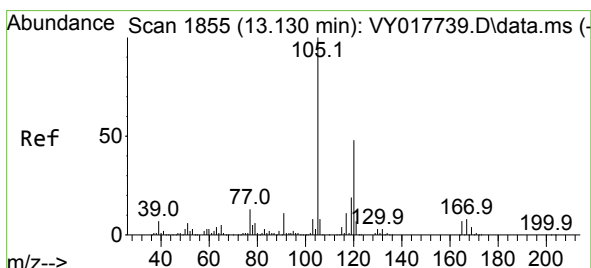
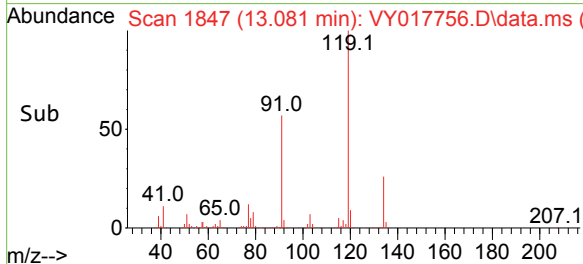
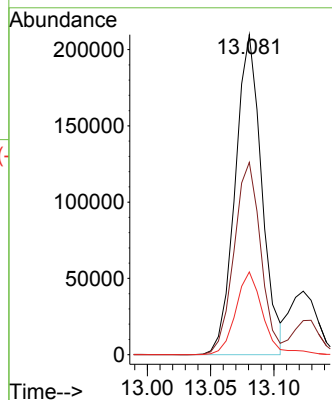
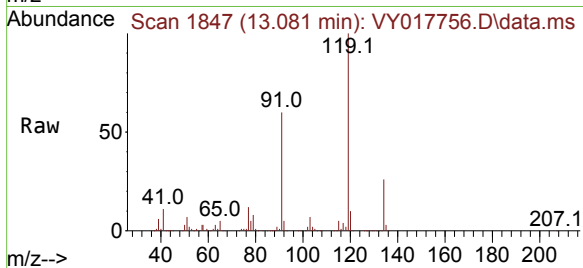
Tgt Ion:119 Resp: 306982

Ion Ratio Lower Upper

119 100

91 60.6 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.861 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.006 min

Lab File: VY017756.D

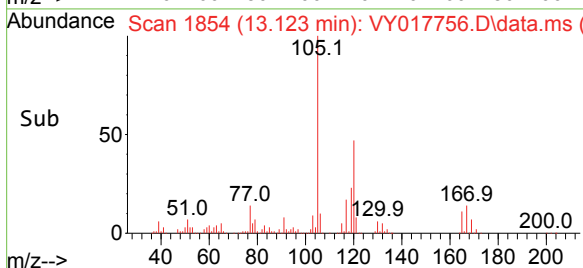
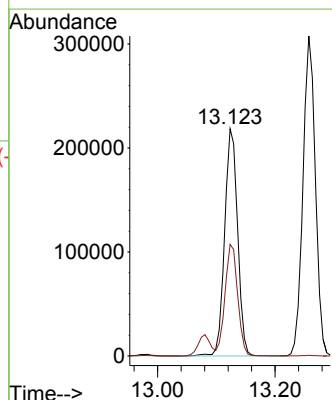
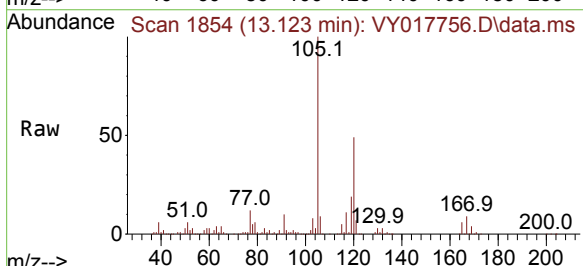
Acq: 25 Mar 2024 17:34

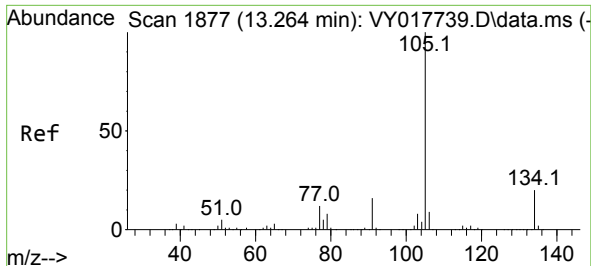
Tgt Ion:105 Resp: 334632

Ion Ratio Lower Upper

105 100

120 47.8 23.2 69.6

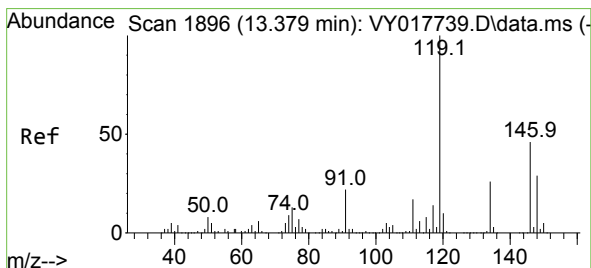
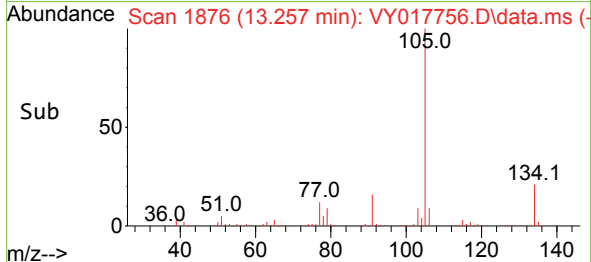
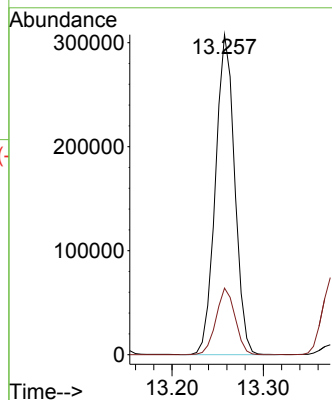
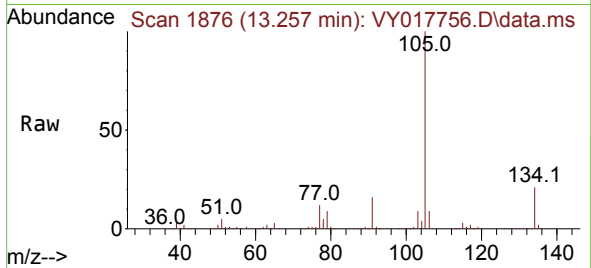




#85
 sec-Butylbenzene
 Concen: 50.428 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.006 min
 Lab File: VY017756.D
 Acq: 25 Mar 2024 17:34

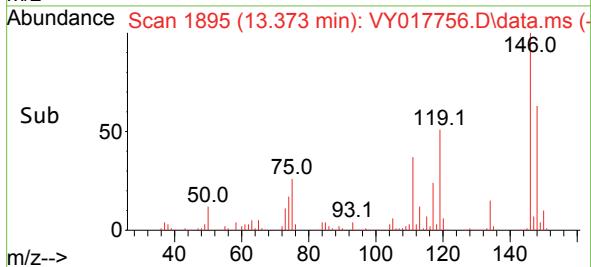
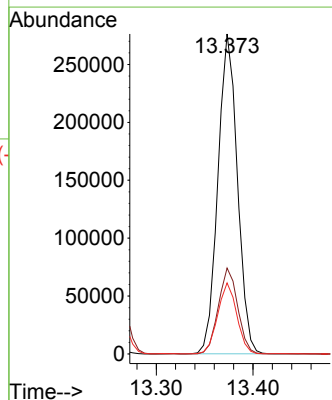
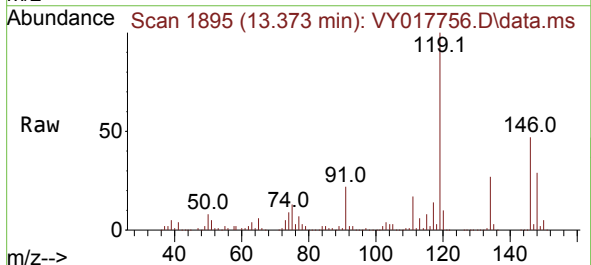
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

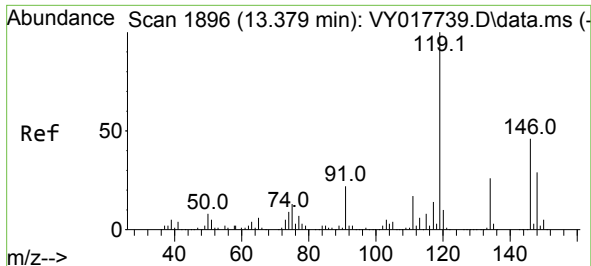
Tgt Ion:105 Resp: 450164
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 51.999 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: VY017756.D
 Acq: 25 Mar 2024 17:34

Tgt Ion:119 Resp: 385425
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.088 ug/l

RT: 13.373 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

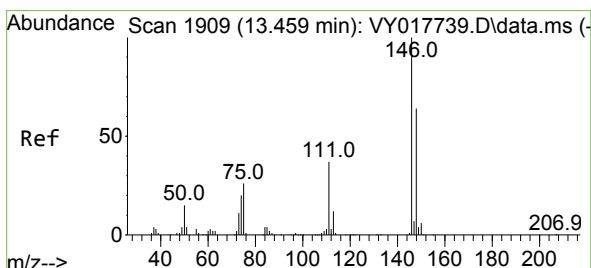
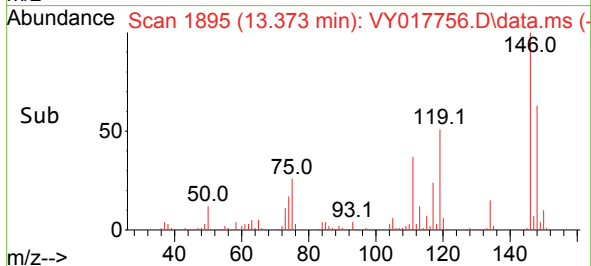
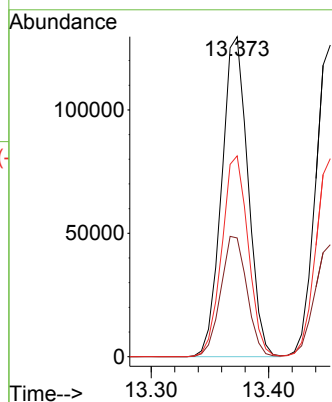
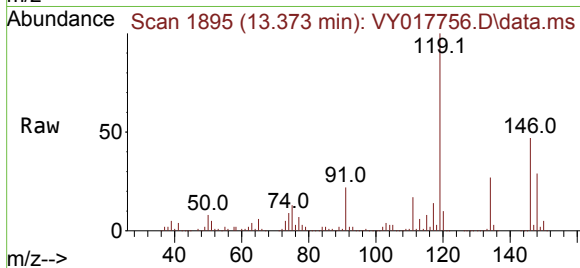
Tgt Ion:146 Resp: 202053

Ion Ratio Lower Upper

146 100

111 37.5 19.0 57.0

148 62.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.403 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

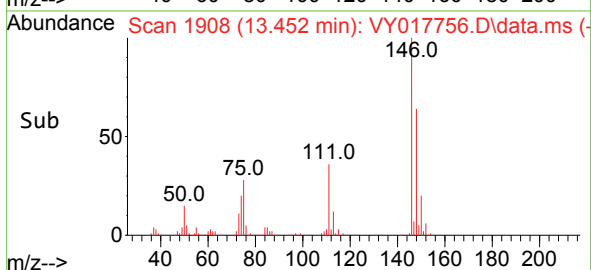
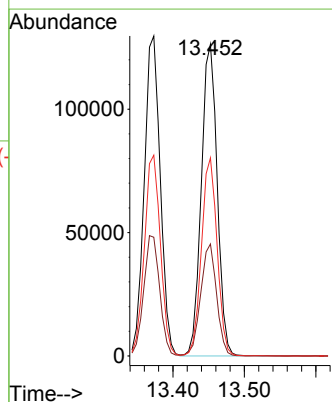
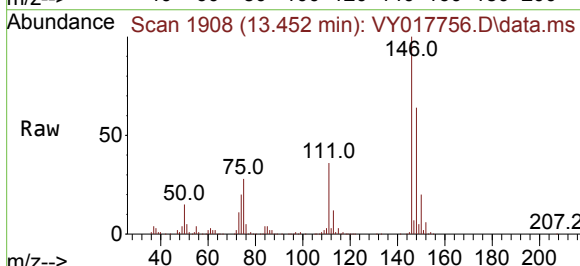
Tgt Ion:146 Resp: 195142

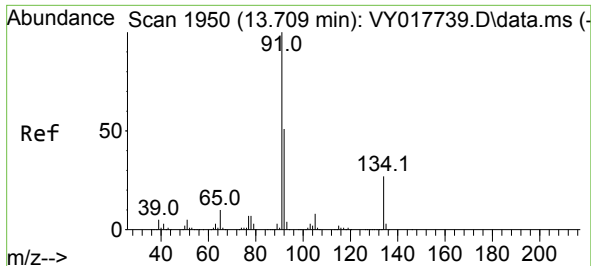
Ion Ratio Lower Upper

146 100

111 35.9 18.4 55.4

148 62.6 32.4 97.2

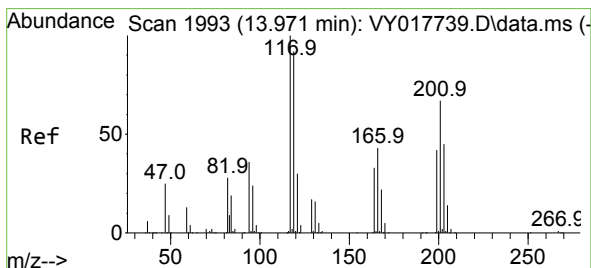
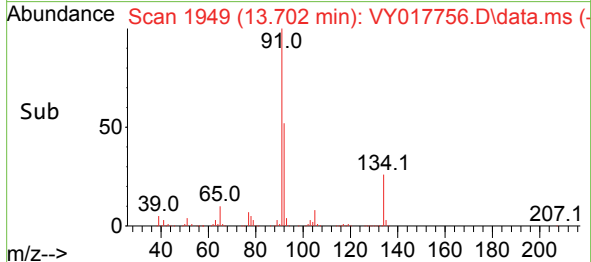
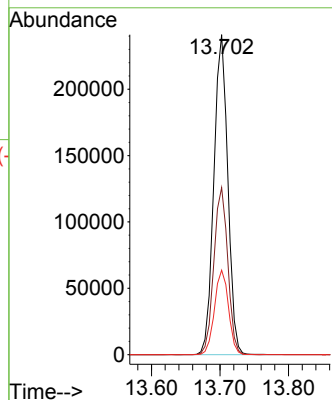
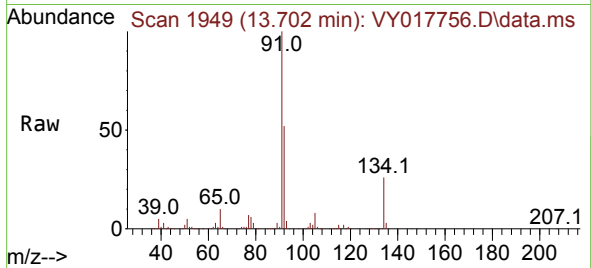




#89
n-Butylbenzene
Concen: 50.720 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

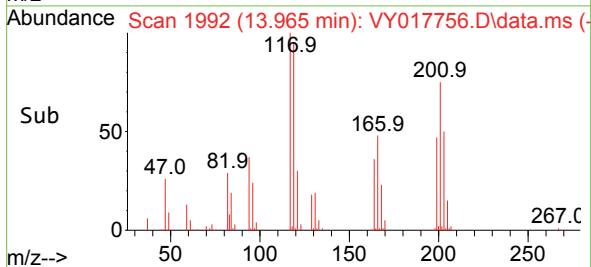
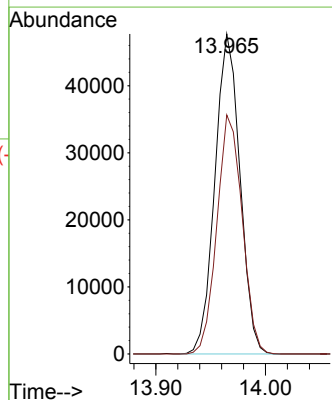
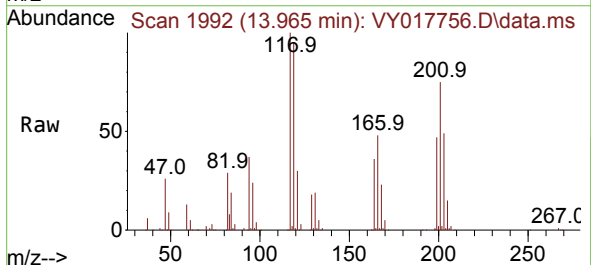
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

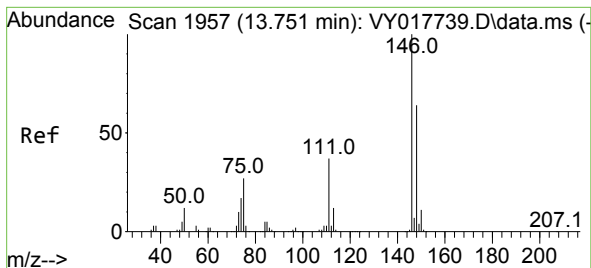
Tgt Ion: 91 Resp: 340119
Ion Ratio Lower Upper
91 100
92 52.3 26.6 79.7
134 26.6 12.9 38.7



#90
Hexachloroethane
Concen: 50.121 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.006 min
Lab File: VY017756.D
Acq: 25 Mar 2024 17:34

Tgt Ion: 117 Resp: 75759
Ion Ratio Lower Upper
117 100
201 75.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 53.903 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

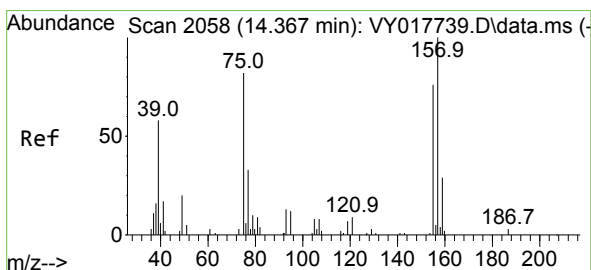
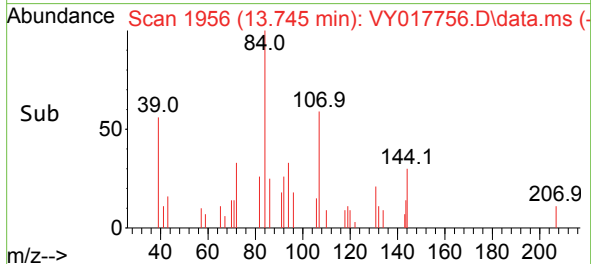
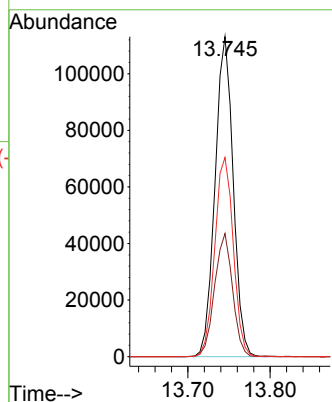
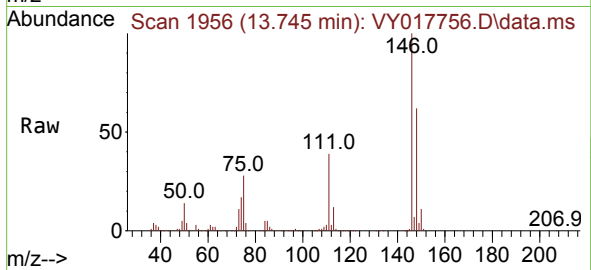
Tgt Ion:146 Resp: 173210

Ion Ratio Lower Upper

146 100

111 38.1 19.9 59.7

148 63.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.703 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

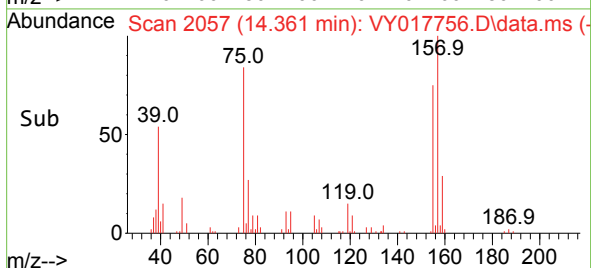
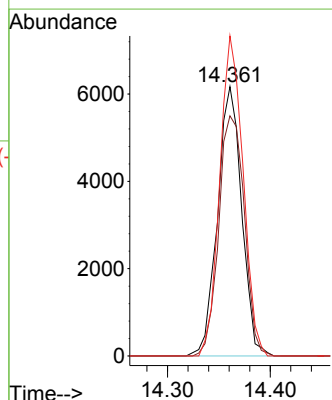
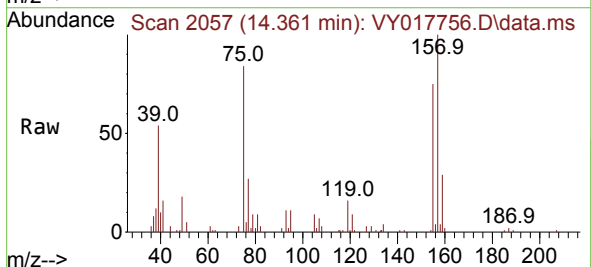
Tgt Ion: 75 Resp: 10028

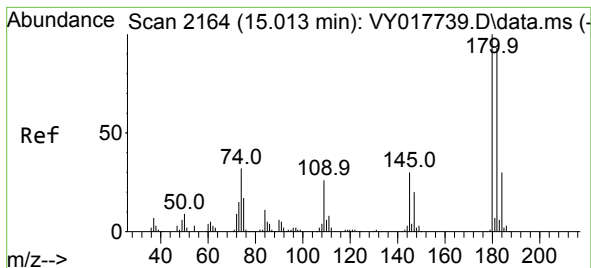
Ion Ratio Lower Upper

75 100

155 94.7 48.6 145.8

157 114.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 59.069 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

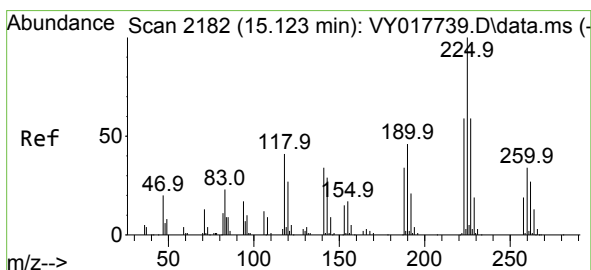
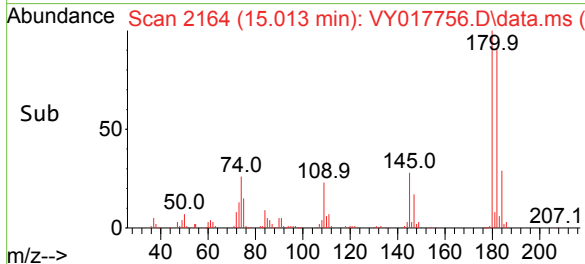
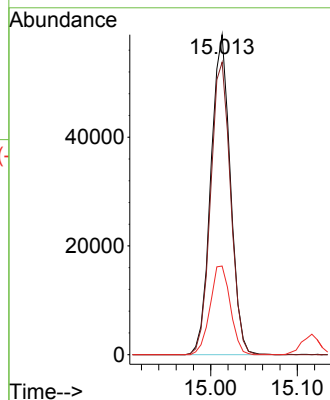
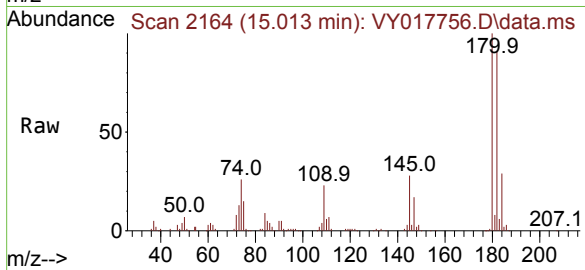
Tgt Ion:180 Resp: 91949

Ion Ratio Lower Upper

180 100

182 93.3 47.9 143.8

145 28.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 53.651 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

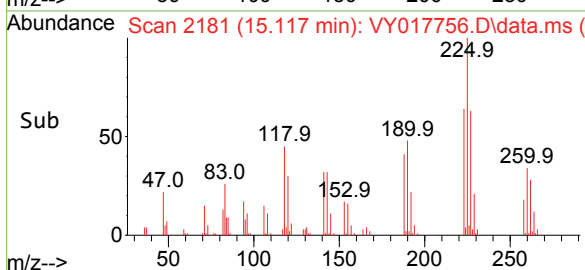
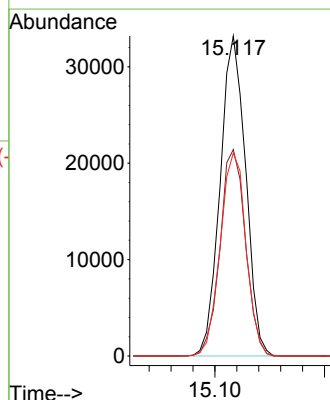
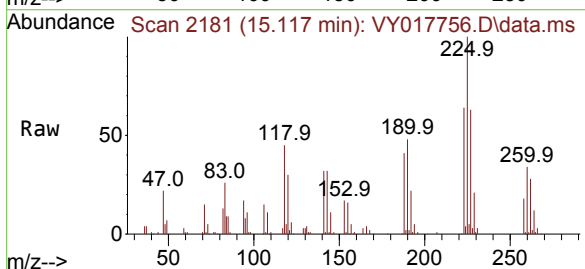
Tgt Ion:225 Resp: 53608

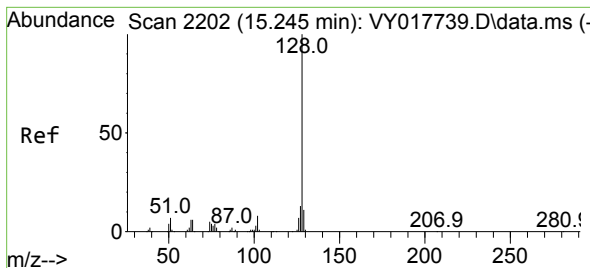
Ion Ratio Lower Upper

225 100

223 64.4 30.4 91.2

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 55.421 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

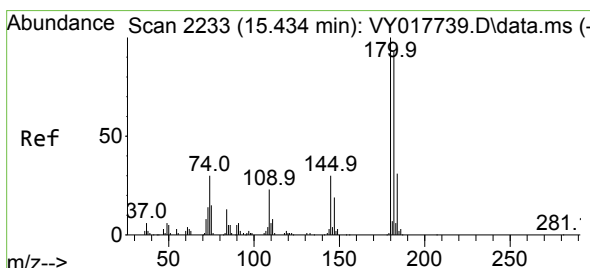
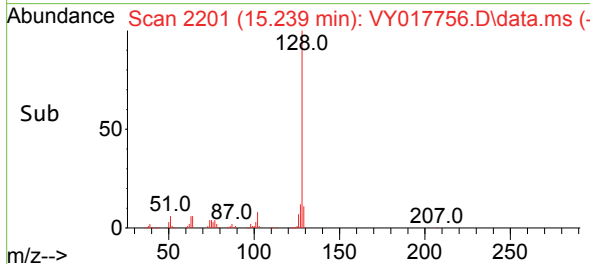
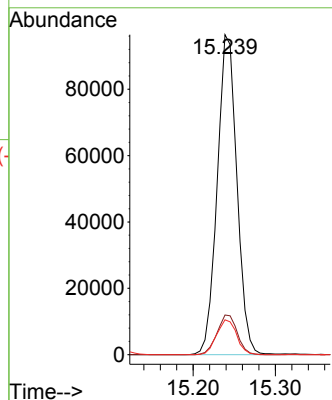
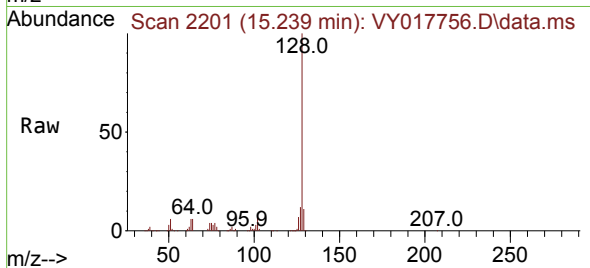
Tgt Ion:128 Resp: 160383

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 61.126 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY017756.D

Acq: 25 Mar 2024 17:34

Tgt Ion:180 Resp: 78561

Ion Ratio Lower Upper

180 100

182 93.4 47.6 142.9

145 30.3 15.4 46.1

