

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017702.D
 Acq On : 19 Mar 2024 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 20 03:00:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	141563	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	219588	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.507	117	194694	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	89864	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.160	65	69811	52.034	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.060%	
35) Dibromofluoromethane	7.734	113	88176	57.625	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.260%	
50) Toluene-d8	10.197	98	323725	60.509	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 121.020%	
62) 4-Bromofluorobenzene	12.495	95	97729	58.125	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 116.240%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	47963	45.931	ug/l	100
3) Chloromethane	2.125	50	83446	43.735	ug/l	99
4) Vinyl Chloride	2.265	62	107543	43.936	ug/l	98
5) Bromomethane	2.668	94	89621	44.929	ug/l	98
6) Chloroethane	2.808	64	73187	47.397	ug/l	99
7) Trichlorofluoromethane	3.143	101	111643	44.752	ug/l	92
8) Diethyl Ether	3.545	74	35403	48.385	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.917	101	70100	48.852	ug/l	97
10) Methyl Iodide	4.112	142	95858	59.525	ug/l	99
11) Tert butyl alcohol	4.978	59	15221	133.560	ug/l #	82
12) 1,1-Dichloroethene	3.893	96	69585	52.034	ug/l	99
13) Acrolein	3.747	56	28062	186.618	ug/l	100
14) Allyl chloride	4.503	41	82328	50.950	ug/l	96
15) Acrylonitrile	5.185	53	65904	219.105	ug/l	100
16) Acetone	3.960	43	68488	263.190	ug/l	96
17) Carbon Disulfide	4.216	76	211973	52.809	ug/l	98
18) Methyl Acetate	4.497	43	29635	46.941	ug/l	98
19) Methyl tert-butyl Ether	5.246	73	148275	47.570	ug/l	96
20) Methylene Chloride	4.740	84	79060	51.922	ug/l	95
21) trans-1,2-Dichloroethene	5.246	96	84373	53.886	ug/l	94
22) Diisopropyl ether	6.143	45	192519	51.632	ug/l	97
23) Vinyl Acetate	6.082	43	528175	237.713	ug/l	96
24) 1,1-Dichloroethane	6.039	63	132999	52.210	ug/l	100
25) 2-Butanone	7.008	43	86928	234.402	ug/l	99
26) 2,2-Dichloropropane	7.002	77	110869	51.766	ug/l	98
27) cis-1,2-Dichloroethene	7.008	96	95184	54.142	ug/l	96
28) Bromochloromethane	7.356	49	52424	52.254	ug/l	89
29) Tetrahydrofuran	7.368	42	46939	209.969	ug/l	97
30) Chloroform	7.526	83	145290	53.571	ug/l	99
31) Cyclohexane	7.807	56	106407	48.735	ug/l	96
32) 1,1,1-Trichloroethane	7.722	97	122761	52.136	ug/l	99
36) 1,1-Dichloropropene	7.935	75	107695	52.165	ug/l	98
37) Ethyl Acetate	7.094	43	34505	42.316	ug/l	98
38) Carbon Tetrachloride	7.917	117	110519	53.414	ug/l	97
39) Methylcyclohexane	9.203	83	129843	52.333	ug/l	99
40) Benzene	8.179	78	331760	54.111	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	16800	41.057	ug/l	89
42) 1,2-Dichloroethane	8.252	62	74830	50.024	ug/l	98
43) Isopropyl Acetate	8.289	43	61835	43.154	ug/l	95
44) Trichloroethene	8.959	130	94125	53.263	ug/l	96
45) 1,2-Dichloropropane	9.233	63	74798	51.278	ug/l	99
46) Dibromomethane	9.319	93	41911	50.205	ug/l	94
47) Bromodichloromethane	9.514	83	108349	53.454	ug/l	98
48) Methyl methacrylate	9.307	41	28961	43.665	ug/l	92
49) 1,4-Dioxane	9.313	88	7556	799.781	ug/l #	94
51) 4-Methyl-2-Pentanone	10.087	43	170201	213.127	ug/l	98
52) Toluene	10.258	92	212418	54.958	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	96179	51.122	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	119977	52.482	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	59738	50.401	ug/l	97
56) Ethyl methacrylate	10.526	69	64314	44.406	ug/l	98
57) 1,3-Dichloropropane	10.806	76	95450	49.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	141318	206.619	ug/l	96
59) 2-Hexanone	10.843	43	129902	236.817	ug/l	98
60) Dibromochloromethane	11.001	129	73286	52.266	ug/l	99
61) 1,2-Dibromoethane	11.105	107	54609	49.996	ug/l	100
64) Tetrachloroethene	10.733	164	95448	51.077	ug/l	98
65) Chlorobenzene	11.532	112	224585	54.346	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.605	131	83872	54.175	ug/l	99
67) Ethyl Benzene	11.605	91	400544	55.267	ug/l	98
68) m/p-Xylenes	11.715	106	318679	111.903	ug/l	98
69) o-Xylene	12.044	106	147337	55.767	ug/l	97
70) Styrene	12.056	104	243479	55.519	ug/l	98
71) Bromoform	12.221	173	43075	50.208	ug/l #	98
73) Isopropylbenzene	12.343	105	381793	57.186	ug/l	99
74) N-amyl acetate	12.160	43	51992	44.154	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.593	83	58407	50.945	ug/l	99
76) 1,2,3-Trichloropropane	12.647	75	72829	85.295	ug/l #	100
77) Bromobenzene	12.623	156	90452	55.945	ug/l	91
78) n-propylbenzene	12.684	91	453731	56.639	ug/l	98
79) 2-Chlorotoluene	12.769	91	246905	55.050	ug/l	98
80) 1,3,5-Trimethylbenzene	12.824	105	306094	57.227	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.391	75	17661	47.527	ug/l	95
82) 4-Chlorotoluene	12.867	91	252733	55.092	ug/l	97
83) tert-Butylbenzene	13.086	119	275207	58.593	ug/l	96
84) 1,2,4-Trimethylbenzene	13.135	105	301986	57.188	ug/l	98
85) sec-Butylbenzene	13.269	105	400725	55.803	ug/l	98
86) p-Isopropyltoluene	13.385	119	331787	56.441	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	179056	55.175	ug/l	98
88) 1,4-Dichlorobenzene	13.458	146	170106	53.915	ug/l	99
89) n-Butylbenzene	13.708	91	297579	55.484	ug/l	99
90) Hexachloroethane	13.977	117	65843	55.869	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	148454	54.081	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	6665	41.353	ug/l	92
93) 1,2,4-Trichlorobenzene	15.019	180	76477	52.745	ug/l	98
94) Hexachlorobutadiene	15.123	225	48541	54.224	ug/l	98
95) Naphthalene	15.251	128	114065	41.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	62395	50.162	ug/l	99

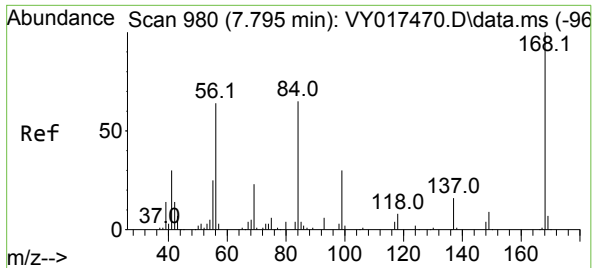
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Response via : Initial Calibration

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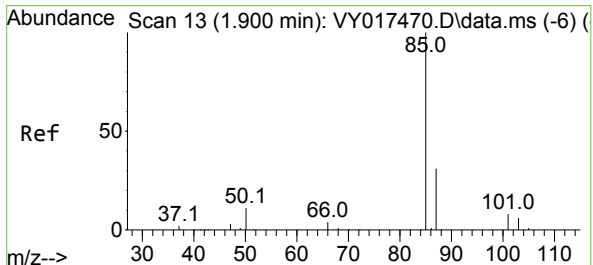
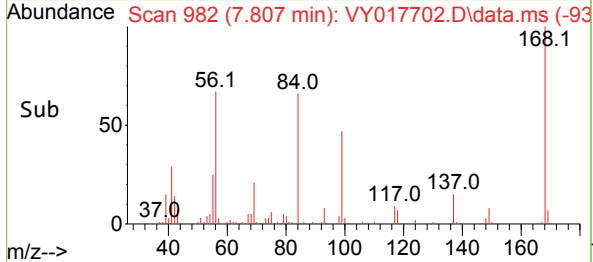
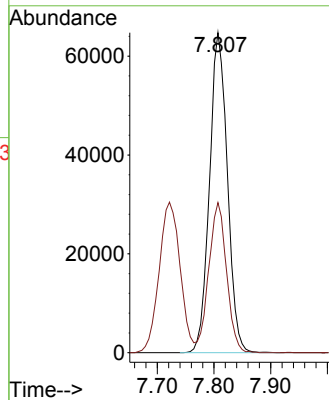
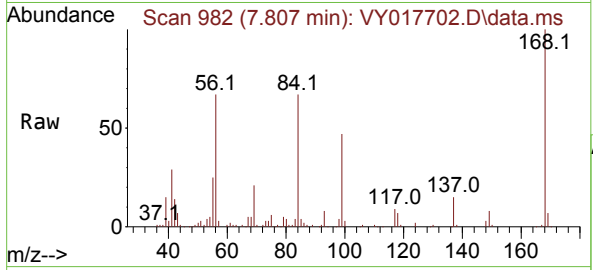
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

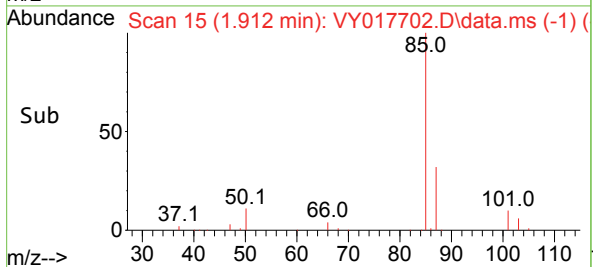
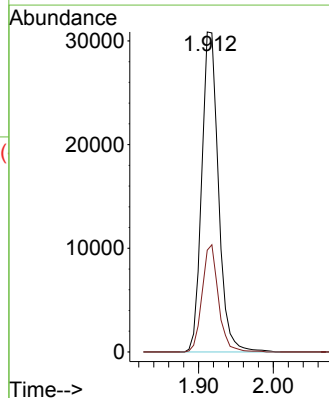
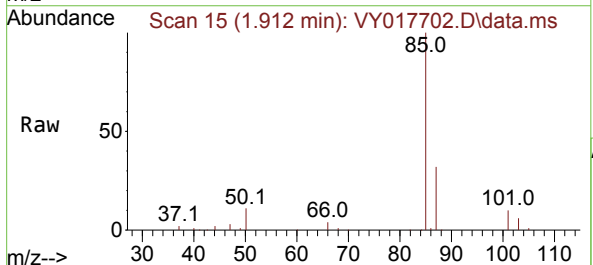
Instrument :
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ClientSampleId :
VSTDCCC050

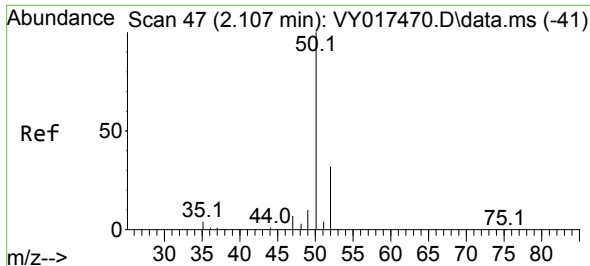
Tgt Ion:168 Resp: 141563
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 45.931 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 85 Resp: 47963
Ion Ratio Lower Upper
85 100
87 31.8 16.0 48.0

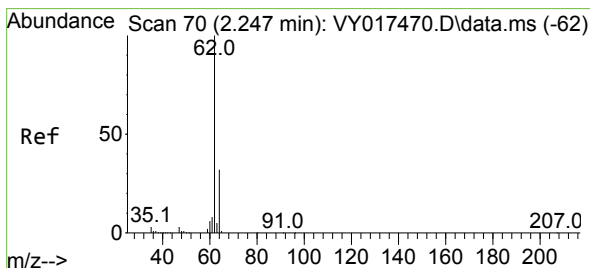
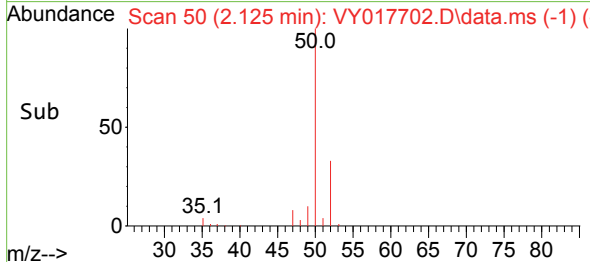
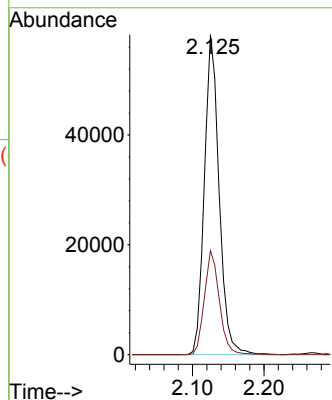
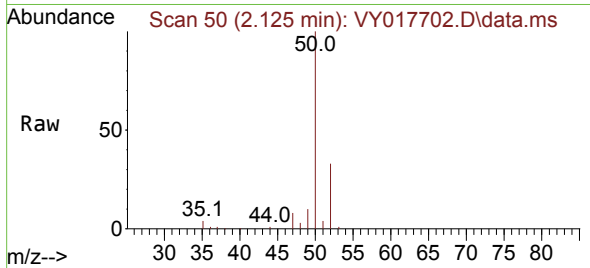




#3
Chloromethane
Concen: 43.735 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

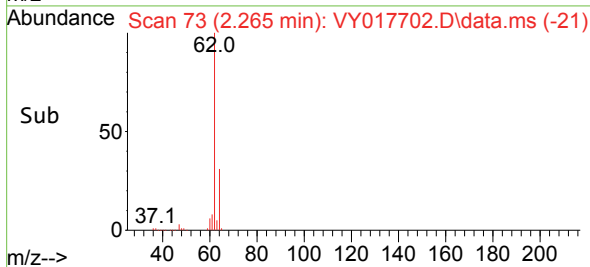
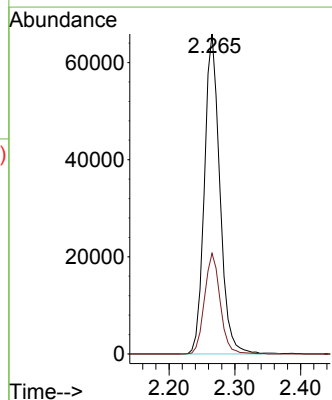
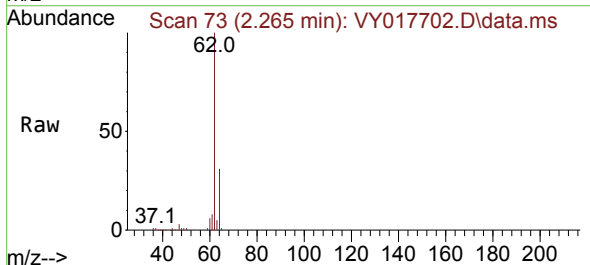
Instrument :
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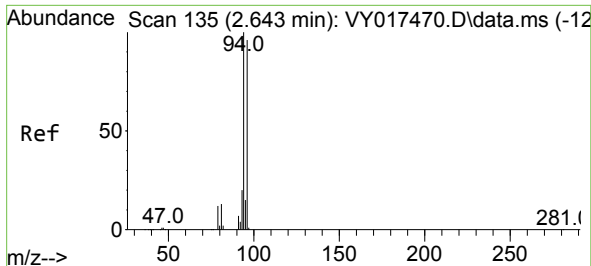
Tgt Ion: 50 Resp: 83446
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4



#4
Vinyl Chloride
Concen: 43.936 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 62 Resp: 107543
Ion Ratio Lower Upper
62 100
64 31.5 26.1 39.1

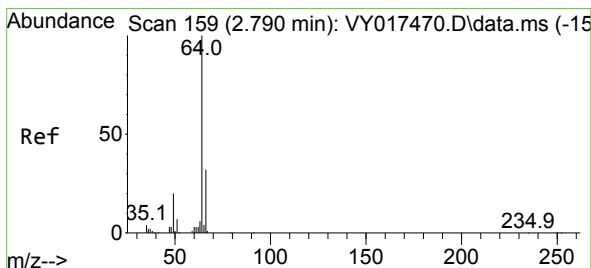
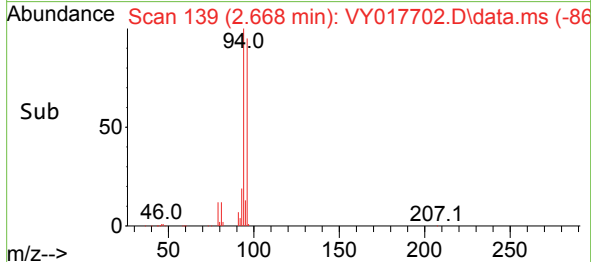
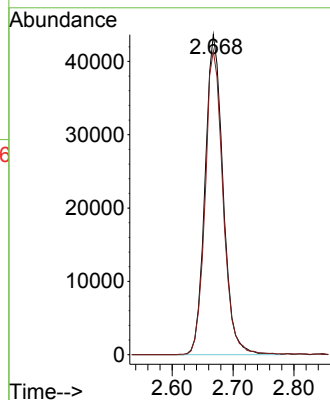
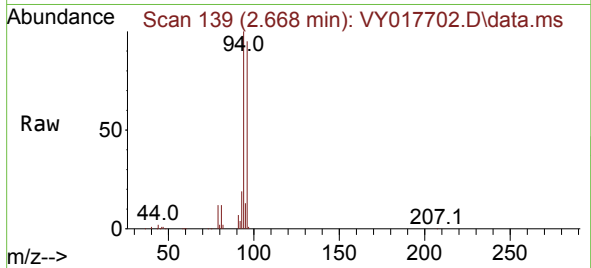




#5
Bromomethane
Concen: 44.929 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

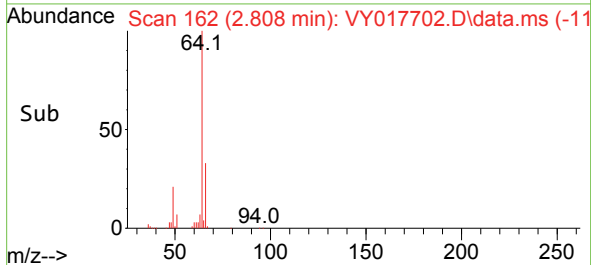
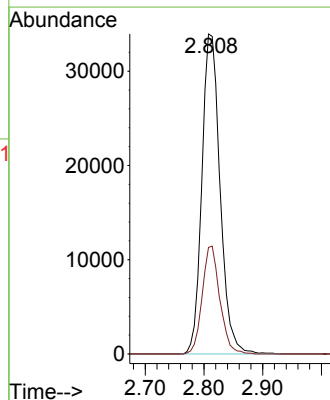
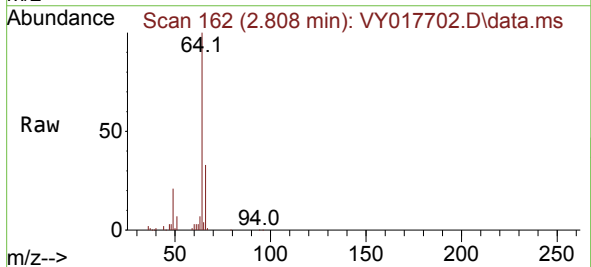
Instrument :
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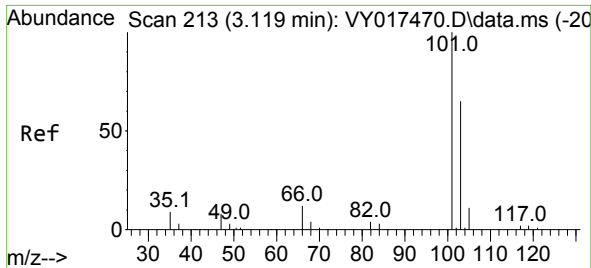
Tgt Ion: 94 Resp: 89621
Ion Ratio Lower Upper
94 100
96 94.8 74.1 111.1



#6
Chloroethane
Concen: 47.397 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 64 Resp: 73187
Ion Ratio Lower Upper
64 100
66 33.3 26.1 39.1

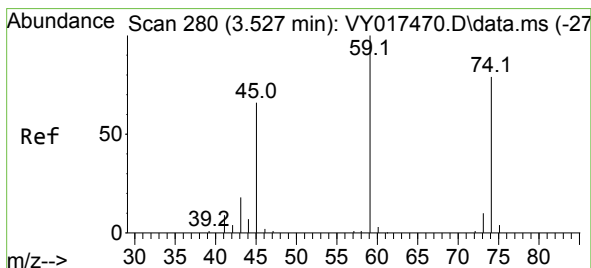
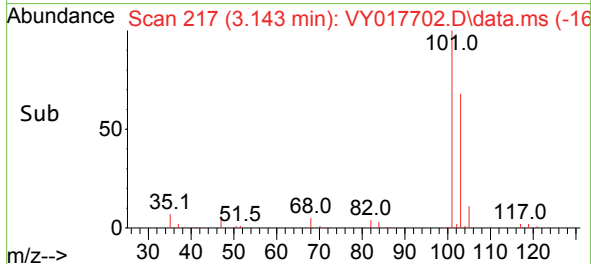
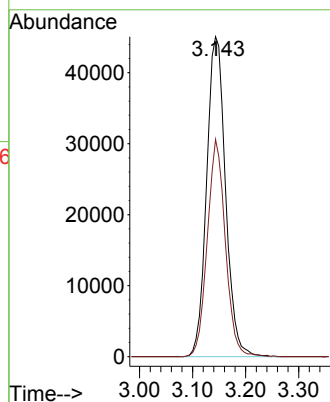
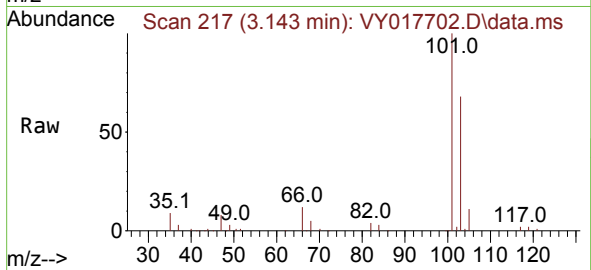




#7
Trichlorofluoromethane
Concen: 44.752 ug/l
RT: 3.143 min Scan# 213
Delta R.T. 0.024 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

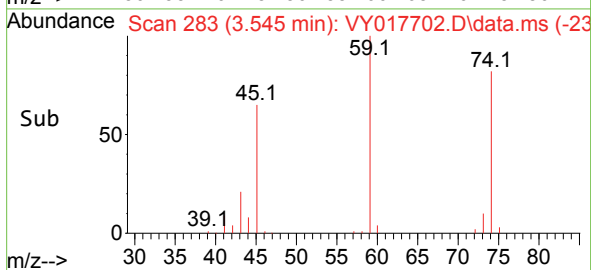
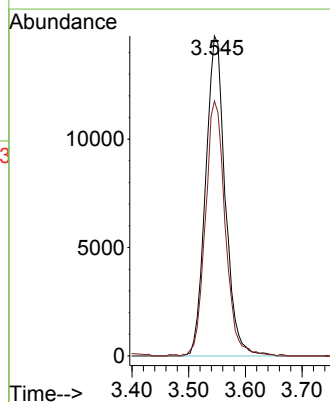
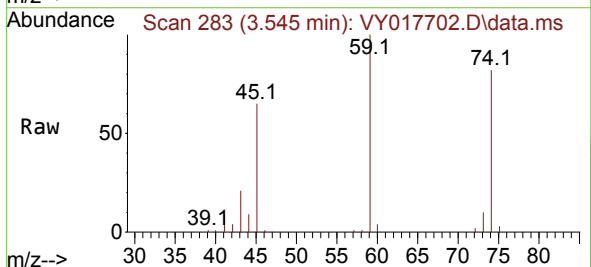
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

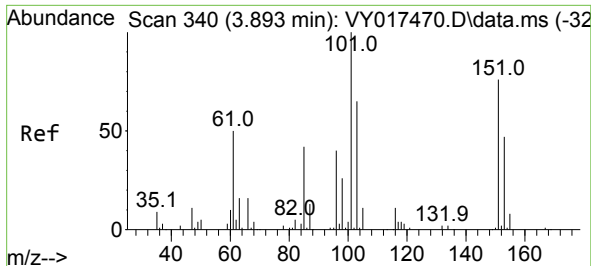
Tgt Ion:101 Resp: 111643
Ion Ratio Lower Upper
101 100
103 67.9 49.3 73.9



#8
Diethyl Ether
Concen: 48.385 ug/l
RT: 3.545 min Scan# 283
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

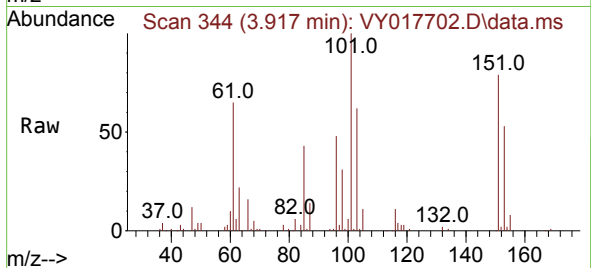
Tgt Ion: 74 Resp: 35403
Ion Ratio Lower Upper
74 100
45 81.0 41.3 124.1



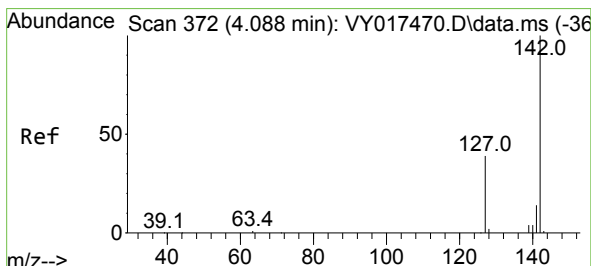
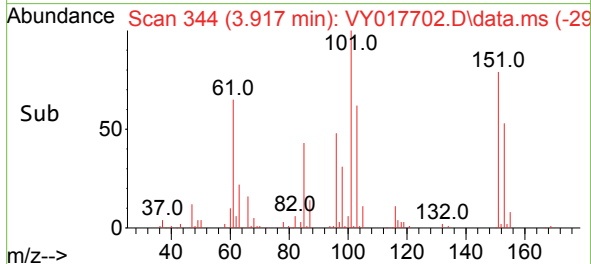
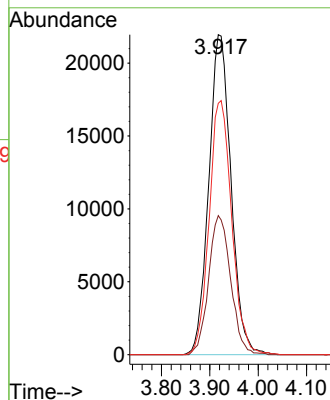


#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.852 ug/l
RT: 3.917 min Scan# 344
Delta R.T. 0.024 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Instrument :
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VSTDC050

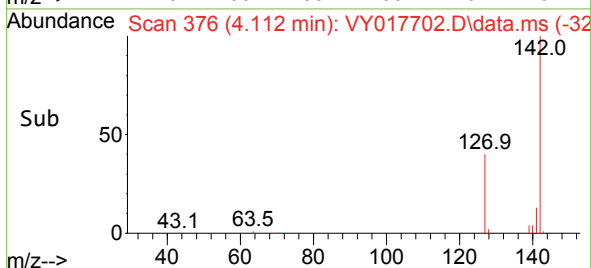
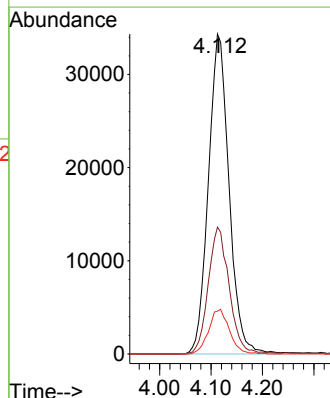
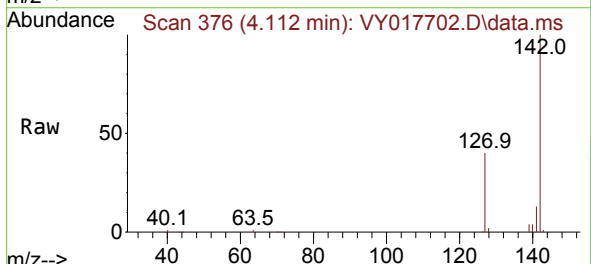


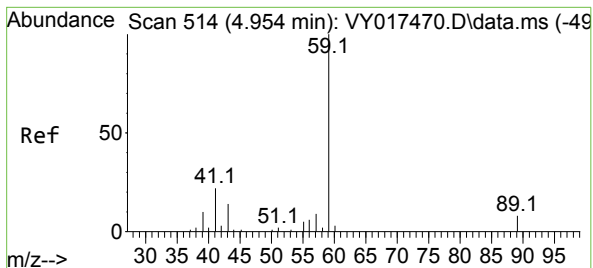
Tgt Ion:101 Resp: 70100
Ion Ratio Lower Upper
101 100
85 43.1 34.5 51.7
151 80.8 61.7 92.5



#10
Methyl Iodide
Concen: 59.525 ug/l
RT: 4.112 min Scan# 376
Delta R.T. 0.024 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion:142 Resp: 95858
Ion Ratio Lower Upper
142 100
127 40.3 32.8 49.2
141 14.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 133.560 ug/l

RT: 4.978 min Scan# 51

Delta R.T. 0.024 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

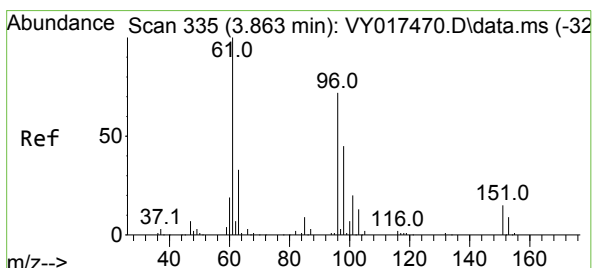
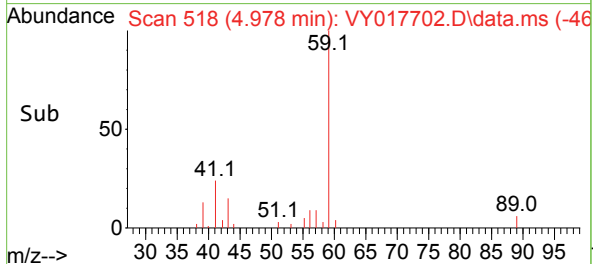
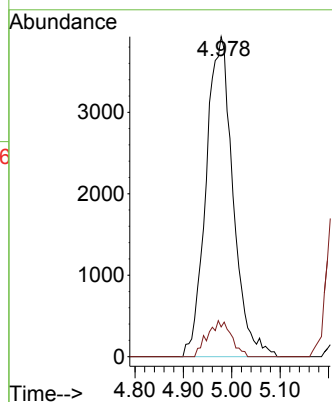
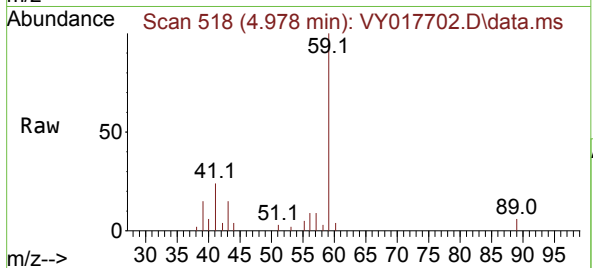
VSTDCCC050

Tgt Ion: 59 Resp: 15221

Ion Ratio Lower Upper

59 100

57 9.8 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 52.034 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.030 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

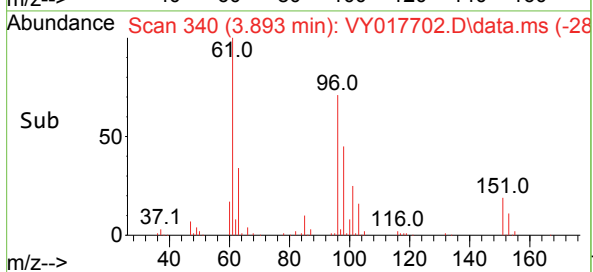
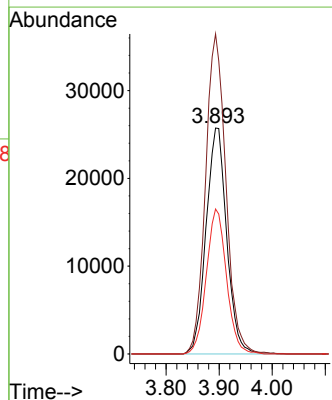
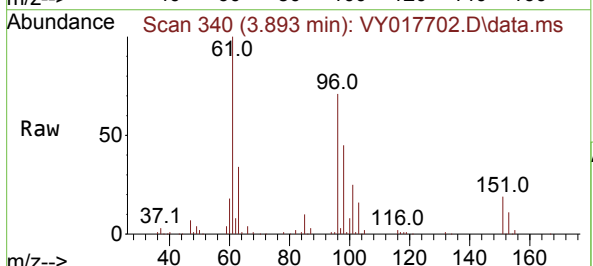
Tgt Ion: 96 Resp: 69585

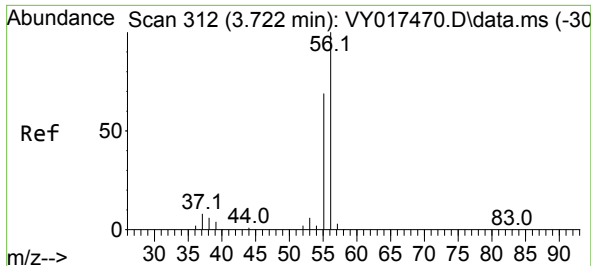
Ion Ratio Lower Upper

96 100

61 141.6 114.6 171.8

98 64.1 50.8 76.2

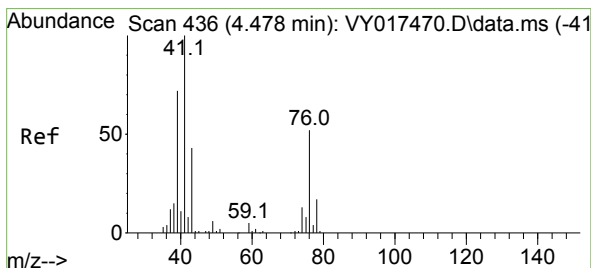
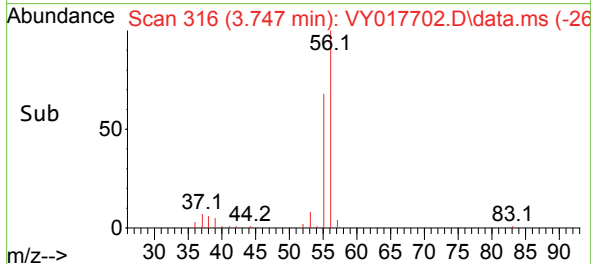
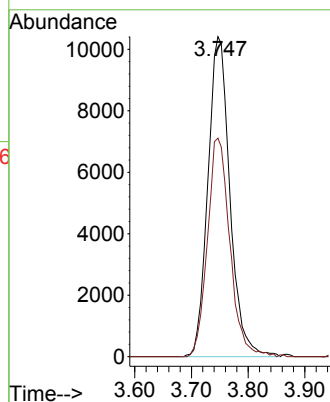
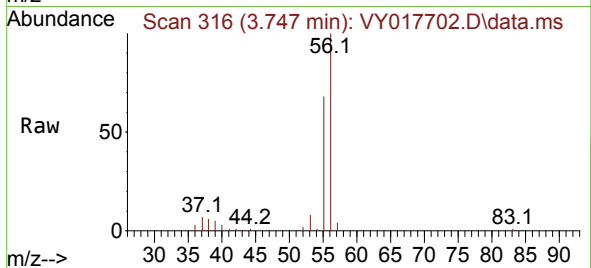




#13
Acrolein
Concen: 186.618 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.024 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

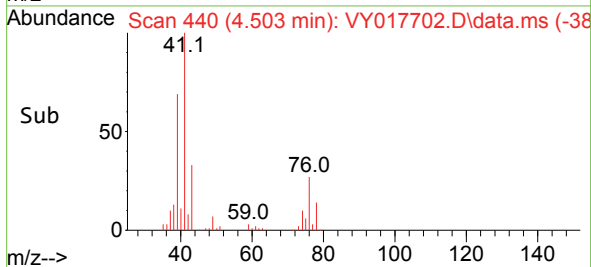
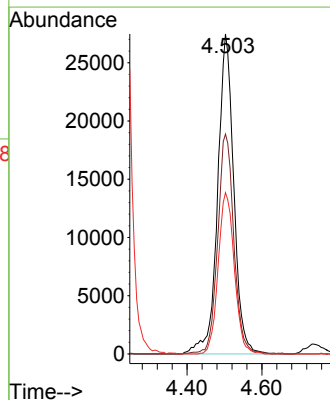
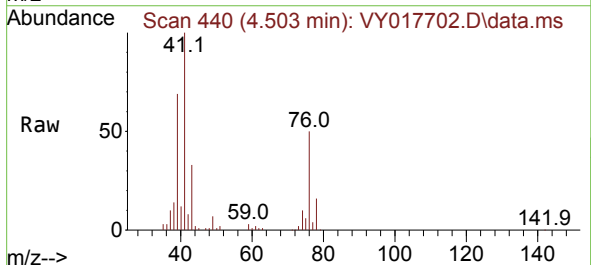
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

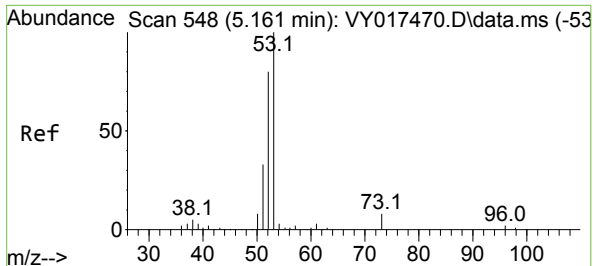
Tgt Ion: 56 Resp: 28062
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5



#14
Allyl chloride
Concen: 50.950 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.024 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 41 Resp: 82328
Ion Ratio Lower Upper
41 100
39 68.8 58.3 87.5
76 50.5 39.0 58.6

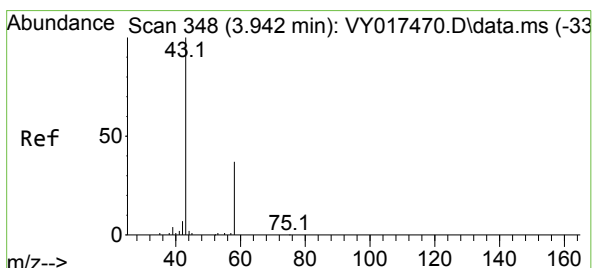
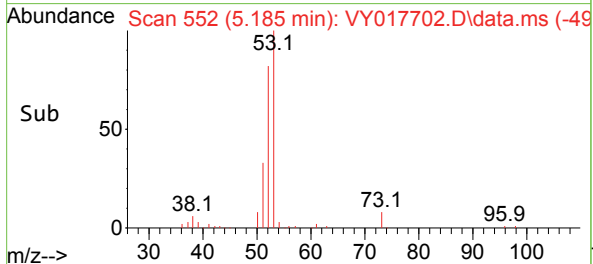
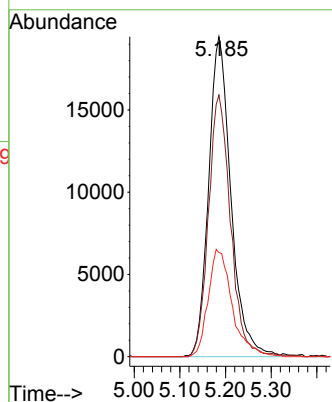
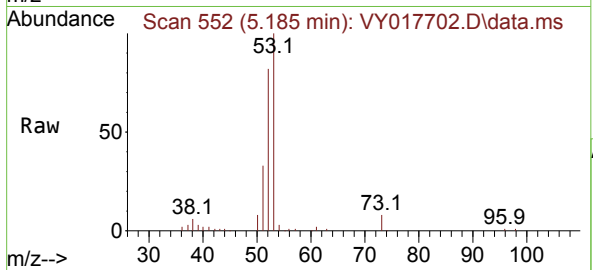




#15
Acrylonitrile
Concen: 219.105 ug/l
RT: 5.185 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

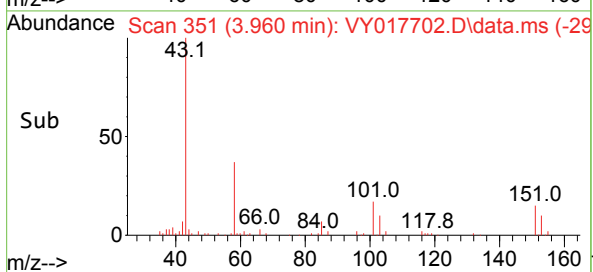
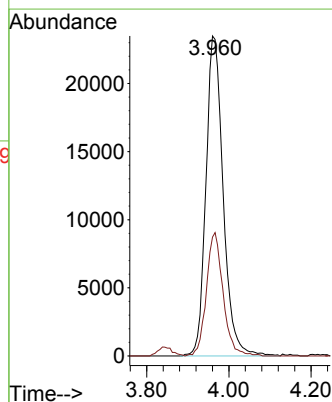
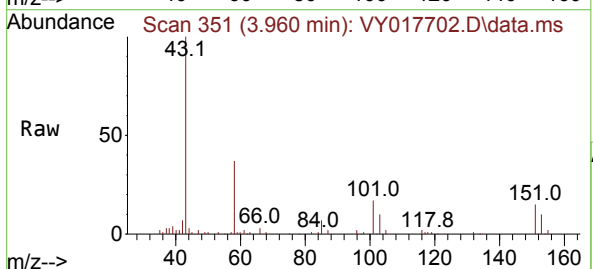
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

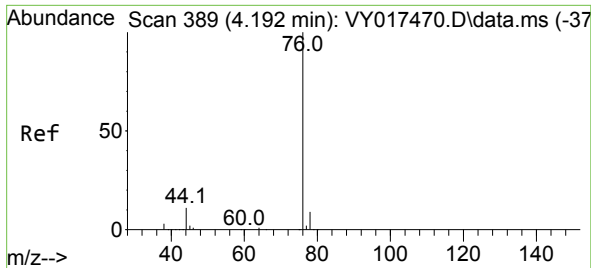
Tgt Ion: 53	Resp: 65904
Ion Ratio	Lower Upper
53 100	
52 81.0	64.7 97.1
51 36.2	28.4 42.6



#16
Acetone
Concen: 263.190 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 43	Resp: 68488
Ion Ratio	Lower Upper
43 100	
58 37.2	31.7 47.5

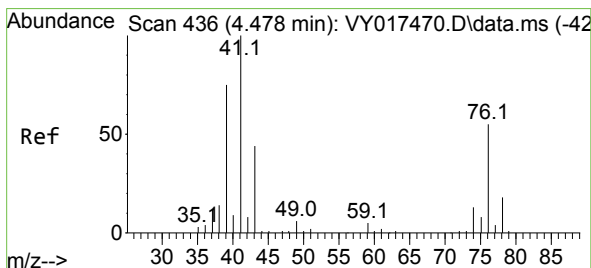
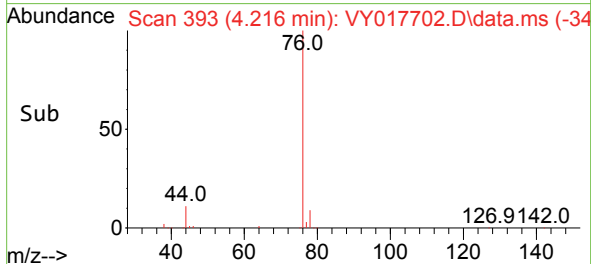
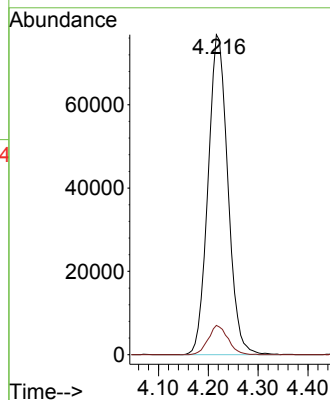
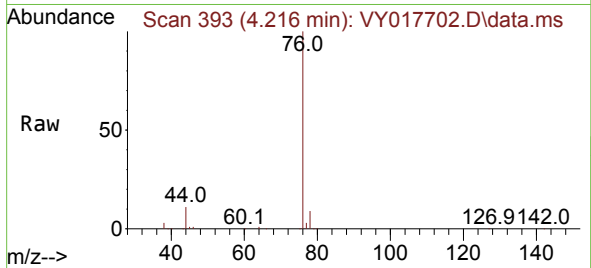




#17
Carbon Disulfide
Concen: 52.809 ug/l
RT: 4.216 min Scan# 393
Delta R.T. 0.024 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

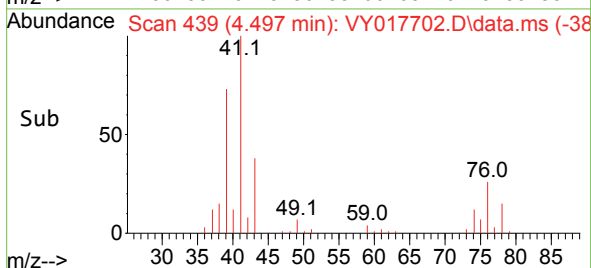
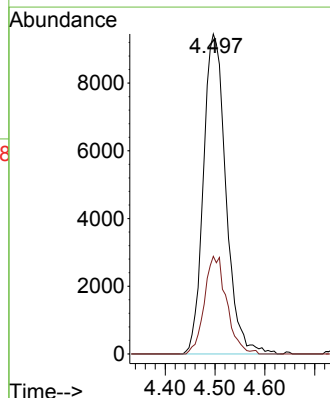
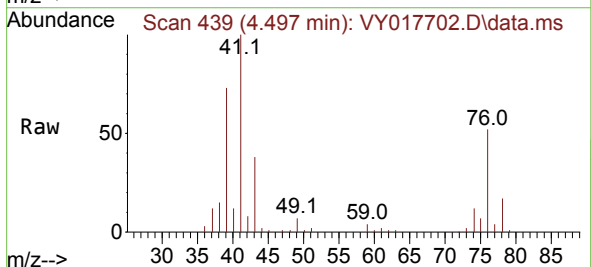
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

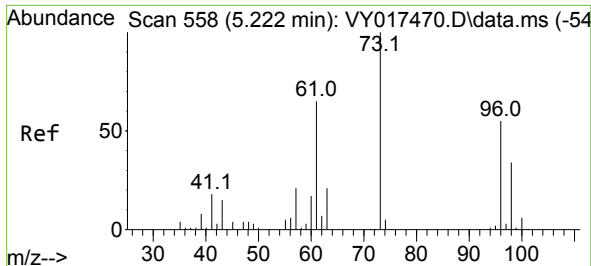
Tgt Ion: 76 Resp: 211973
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 46.941 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 43 Resp: 29635
Ion Ratio Lower Upper
43 100
74 30.2 23.3 34.9

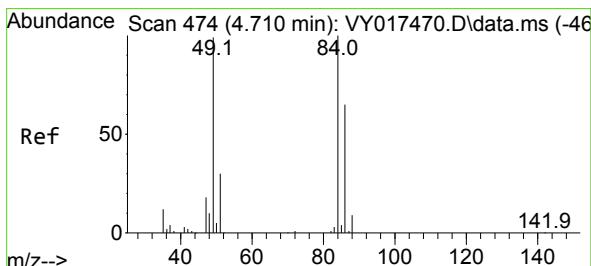
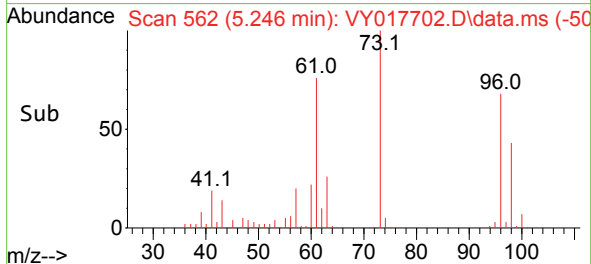
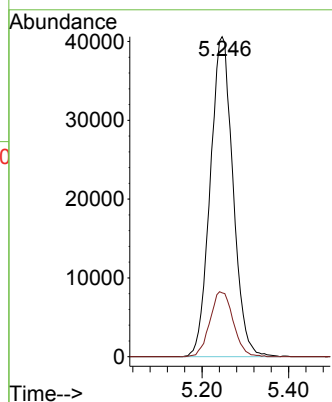
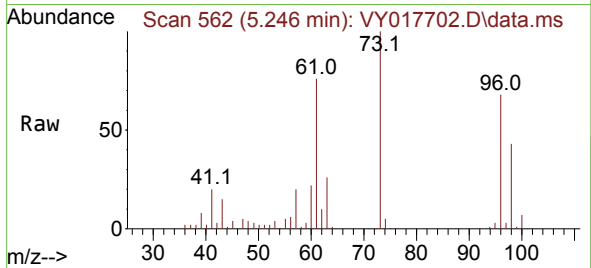




#19
Methyl tert-butyl Ether
Concen: 47.570 ug/l
RT: 5.246 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

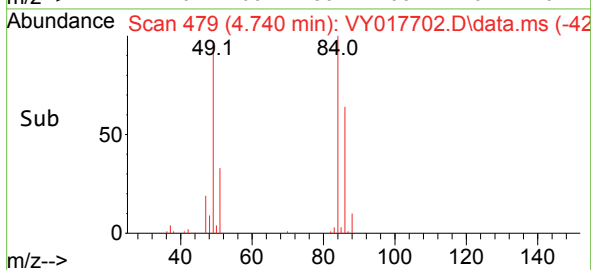
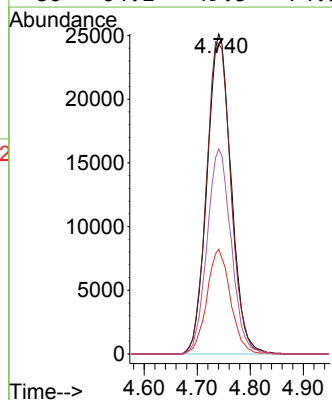
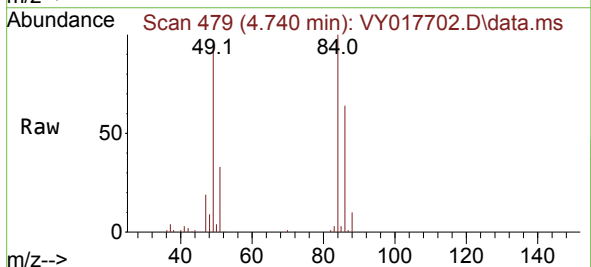
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

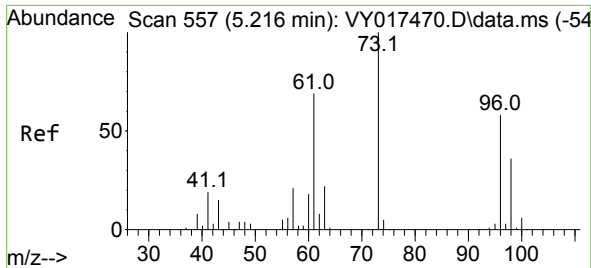
Tgt Ion: 73 Resp: 148275
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9



#20
Methylene Chloride
Concen: 51.922 ug/l
RT: 4.740 min Scan# 479
Delta R.T. 0.030 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 84 Resp: 79060
Ion Ratio Lower Upper
84 100
49 96.9 84.4 126.6
51 32.8 26.0 39.0
86 64.1 49.5 74.3

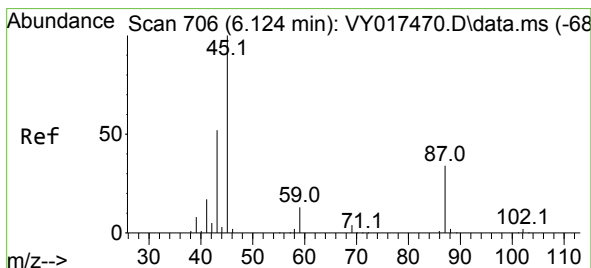
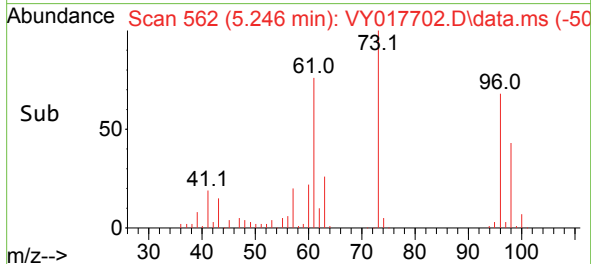
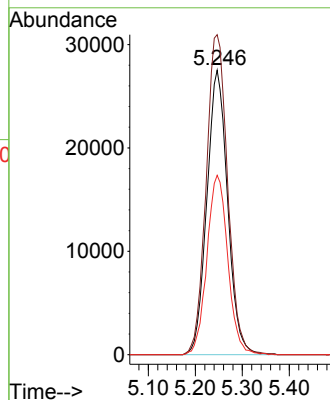
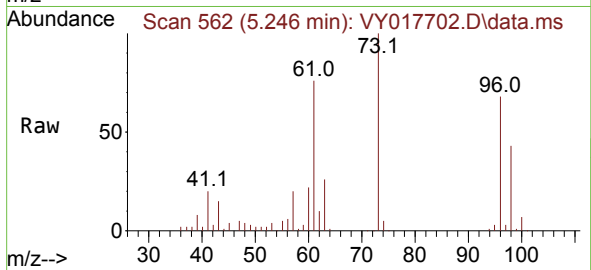




#21
trans-1,2-Dichloroethene
Concen: 53.886 ug/l
RT: 5.246 min Scan# 509
Delta R.T. 0.030 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

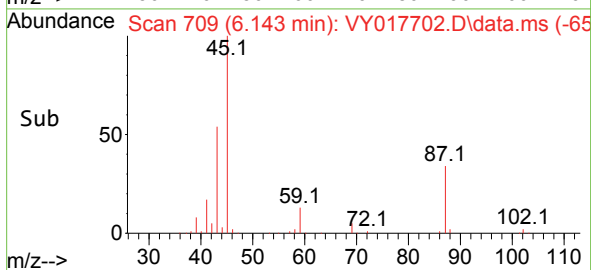
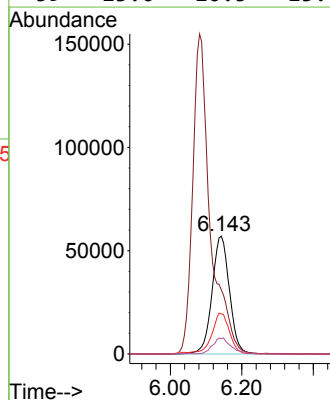
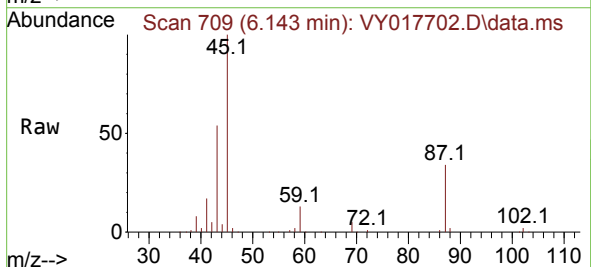
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

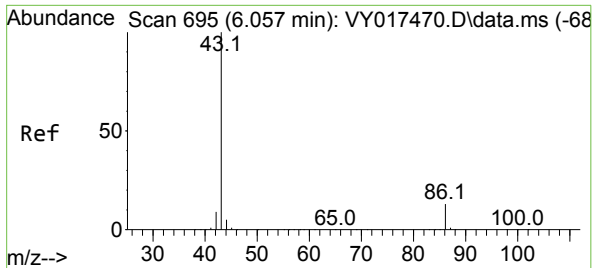
Tgt Ion: 96 Resp: 84373
Ion Ratio Lower Upper
96 100
61 112.5 97.5 146.3
98 63.0 50.5 75.7



#22
Diisopropyl ether
Concen: 51.632 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 45 Resp: 192519
Ion Ratio Lower Upper
45 100
43 54.1 42.2 63.2
87 34.1 25.0 37.6
59 13.0 10.5 15.7

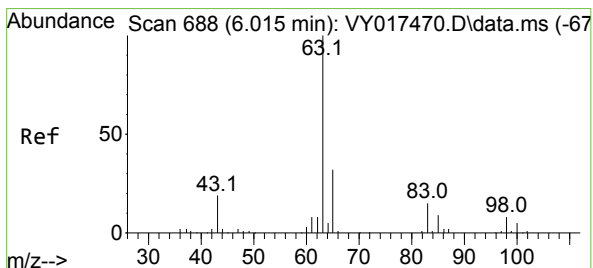
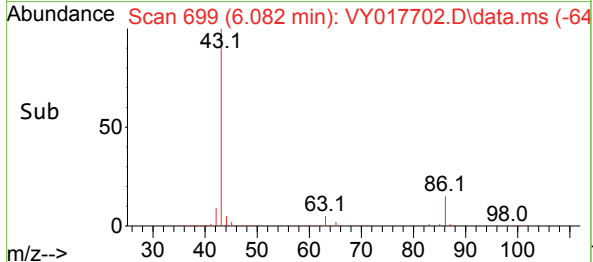
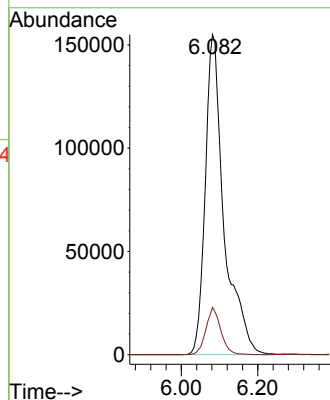
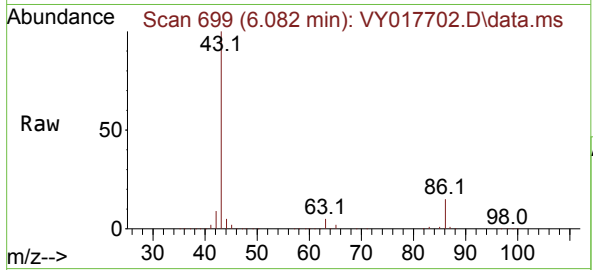




#23
 Vinyl Acetate
 Concen: 237.713 ug/l
 RT: 6.082 min Scan# 695
 Delta R.T. 0.024 min
 Lab File: VY017702.D
 Acq: 19 Mar 2024 10:35

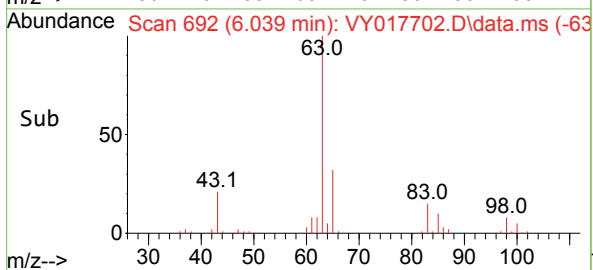
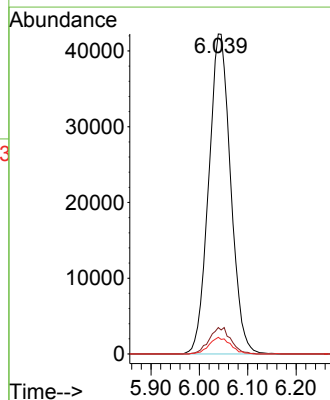
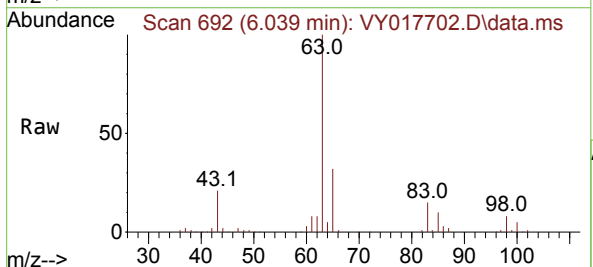
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

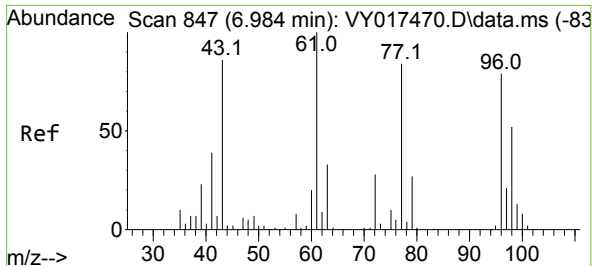
Tgt Ion: 43 Resp: 528175
 Ion Ratio Lower Upper
 43 100
 86 14.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 52.210 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.024 min
 Lab File: VY017702.D
 Acq: 19 Mar 2024 10:35

Tgt Ion: 63 Resp: 132999
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 5.2 2.6 8.0





#25

2-Butanone

Concen: 234.402 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.024 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

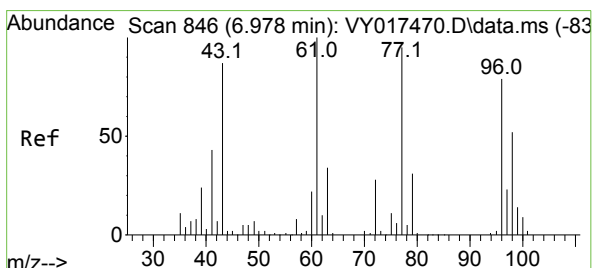
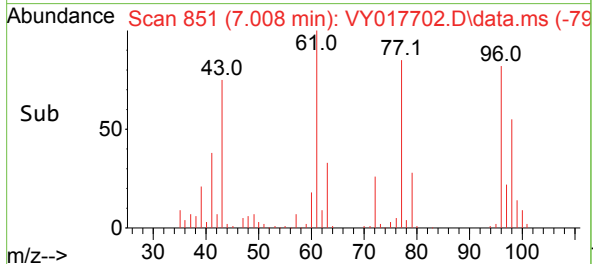
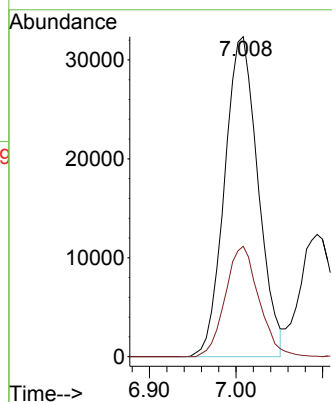
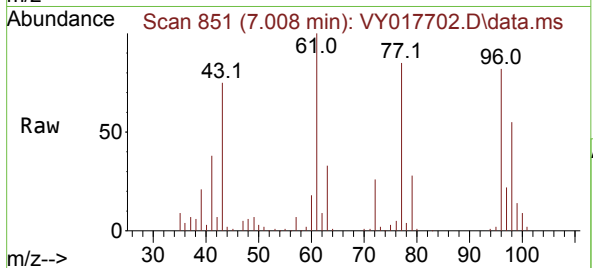
VSTDCCC050

Tgt Ion: 43 Resp: 86928

Ion Ratio Lower Upper

43 100

72 34.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 51.766 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.024 min

Lab File: VY017702.D

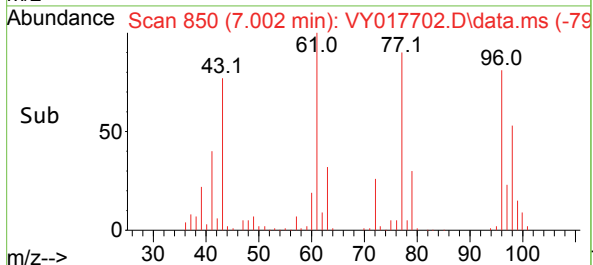
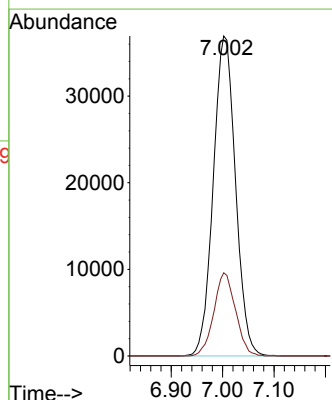
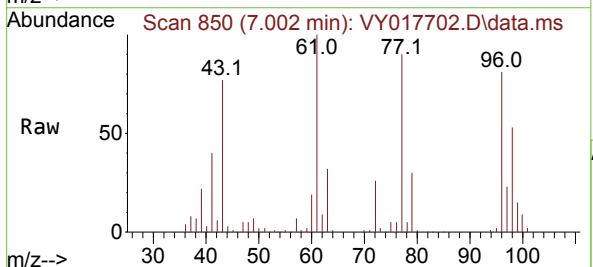
Acq: 19 Mar 2024 10:35

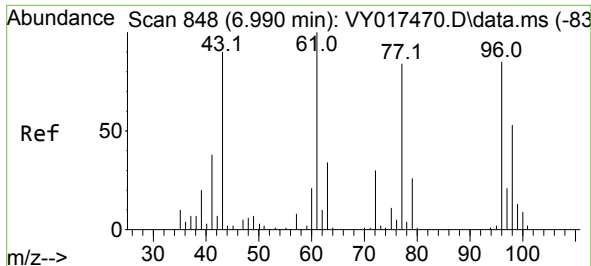
Tgt Ion: 77 Resp: 110869

Ion Ratio Lower Upper

77 100

97 25.3 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 54.142 ug/l

RT: 7.008 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

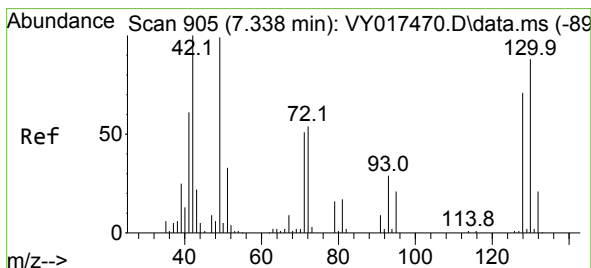
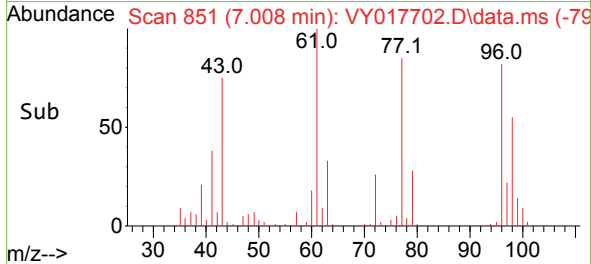
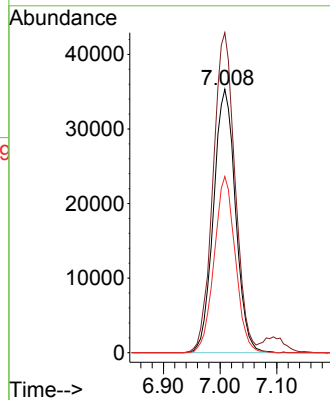
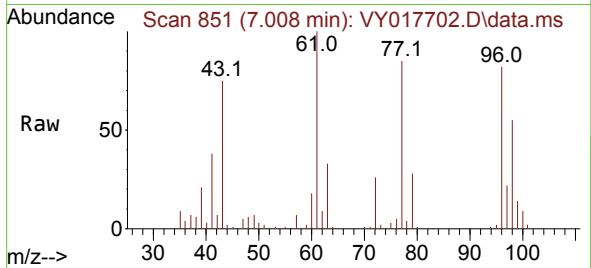
Tgt Ion: 96 Resp: 95184

Ion Ratio Lower Upper

96 100

61 121.4 0.0 256.2

98 64.3 0.0 130.0



#28

Bromochloromethane

Concen: 52.254 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.018 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

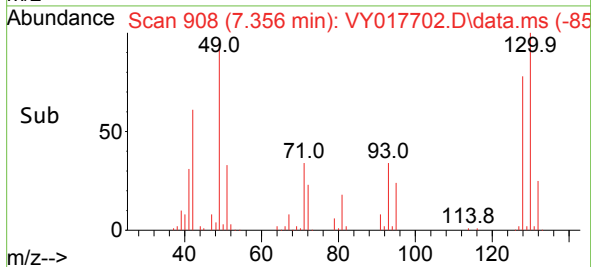
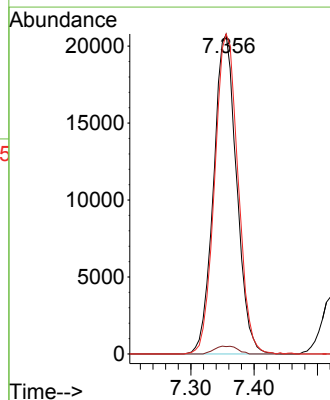
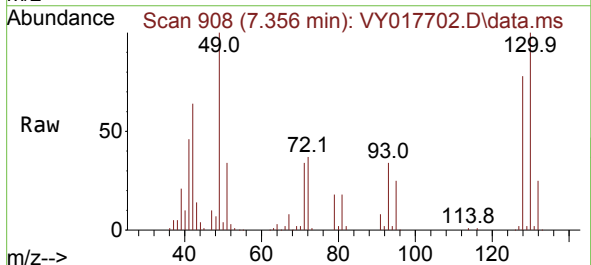
Tgt Ion: 49 Resp: 52424

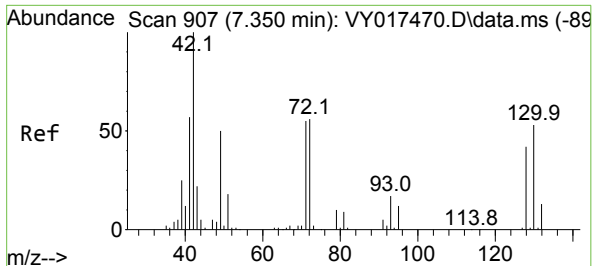
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 101.5 72.7 109.1





#29

Tetrahydrofuran

Concen: 209.969 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

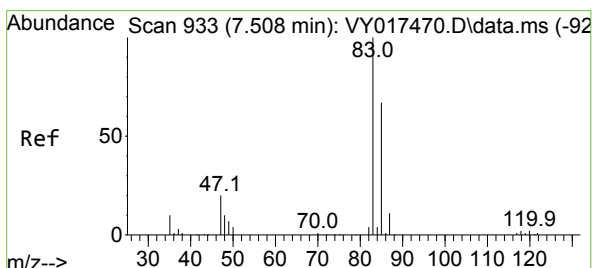
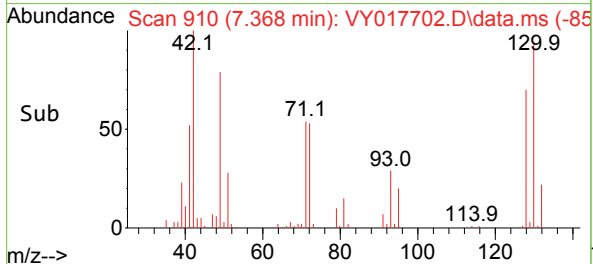
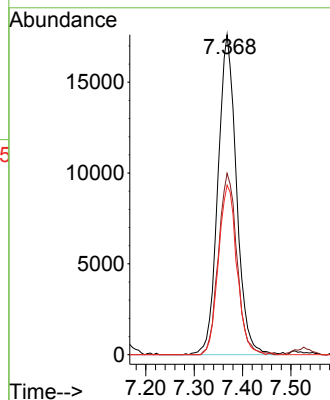
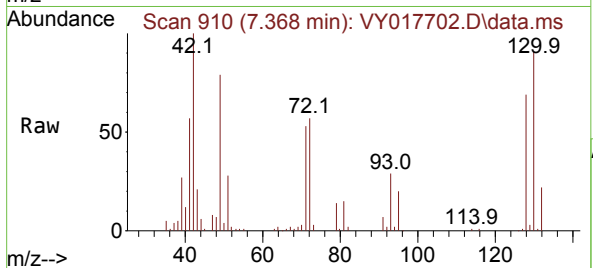
Tgt Ion: 42 Resp: 46939

Ion Ratio Lower Upper

42 100

72 56.8 43.0 64.4

71 52.7 40.8 61.2



#30

Chloroform

Concen: 53.571 ug/l

RT: 7.526 min Scan# 936

Delta R.T. 0.018 min

Lab File: VY017702.D

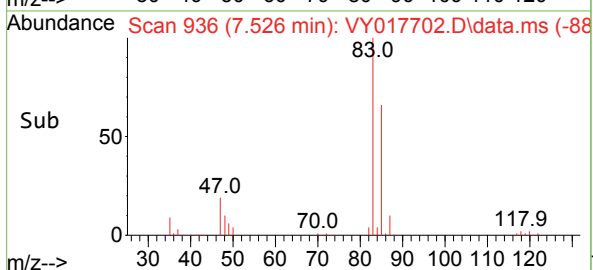
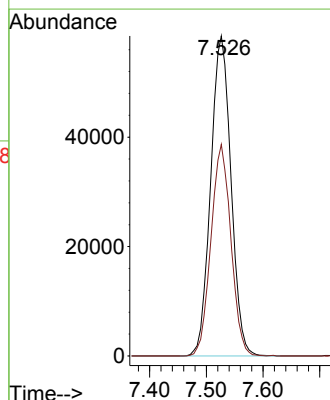
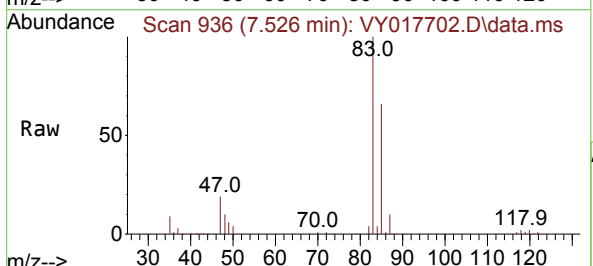
Acq: 19 Mar 2024 10:35

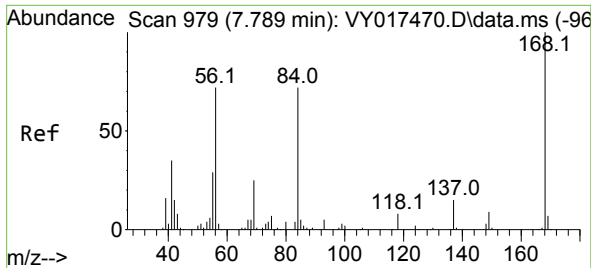
Tgt Ion: 83 Resp: 145290

Ion Ratio Lower Upper

83 100

85 66.1 52.2 78.4

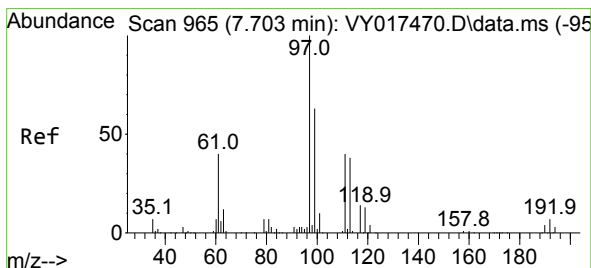
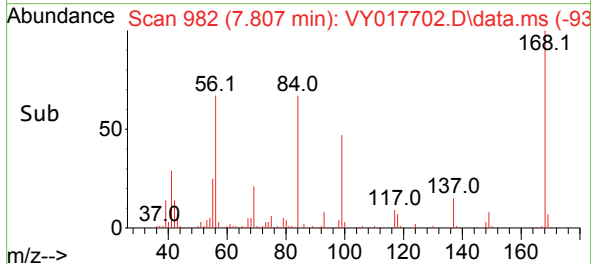
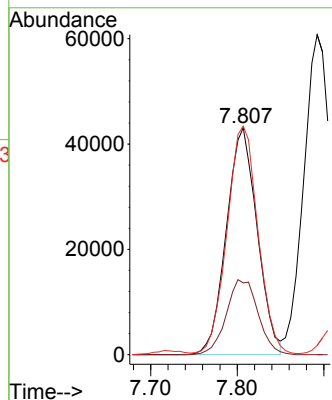
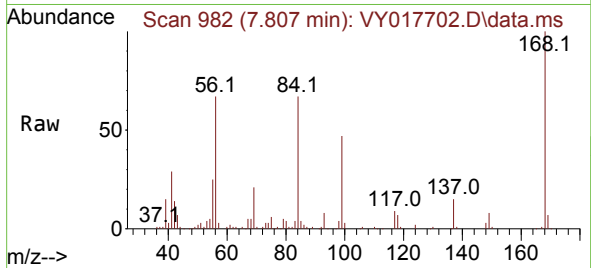




#31
Cyclohexane
Concen: 48.735 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

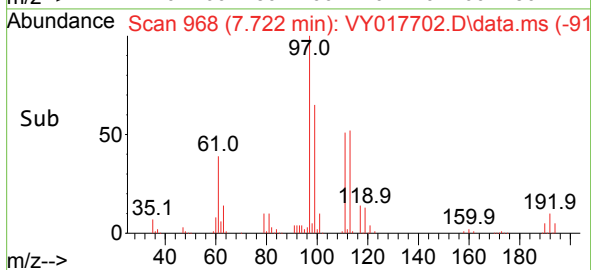
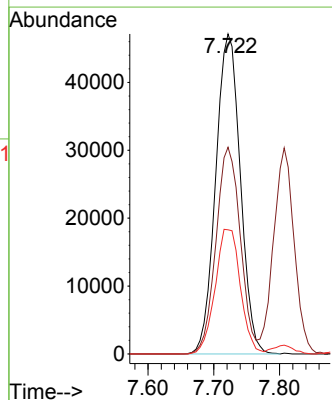
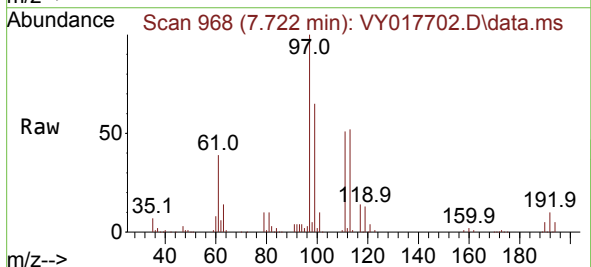
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

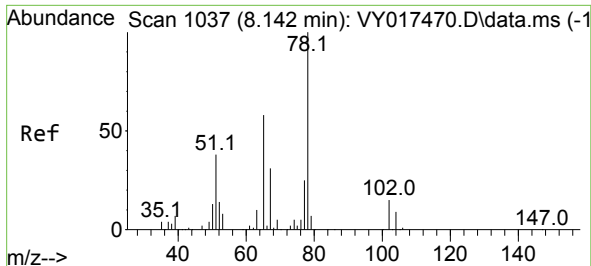
Tgt Ion: 56 Resp: 106407
Ion Ratio Lower Upper
56 100
69 31.7 28.7 43.1
84 99.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 52.136 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 97 Resp: 122761
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 39.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.034 ug/l

RT: 8.160 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

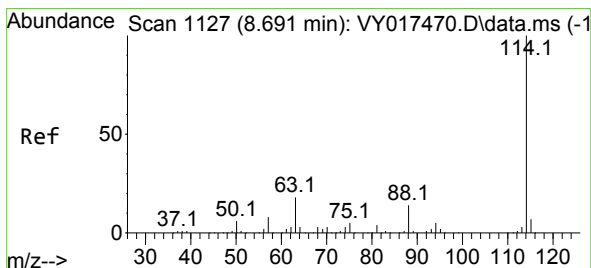
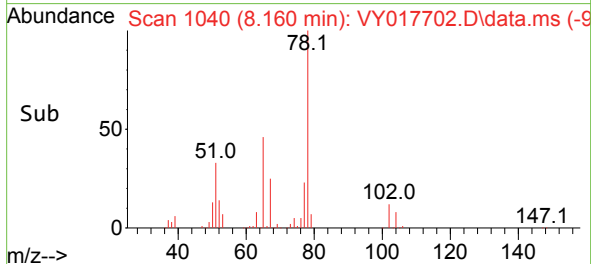
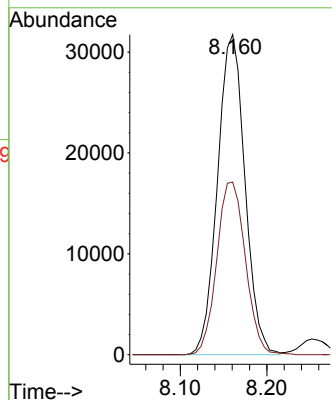
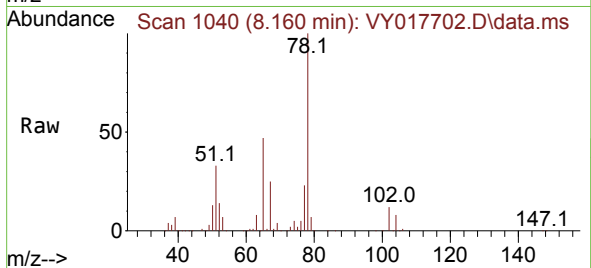
VSTDCCC050

Tgt Ion: 65 Resp: 69811

Ion Ratio Lower Upper

65 100

67 56.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

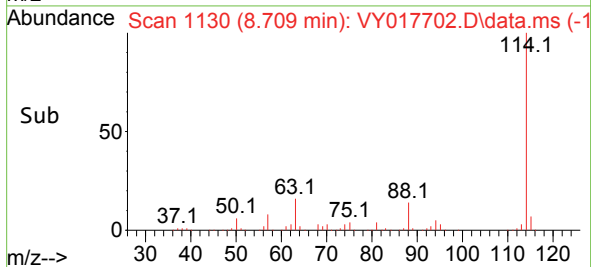
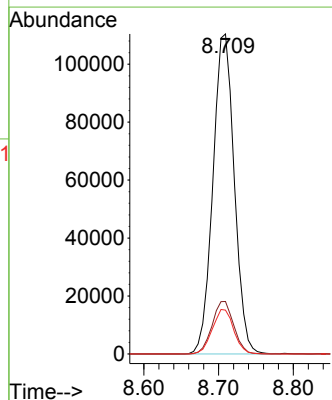
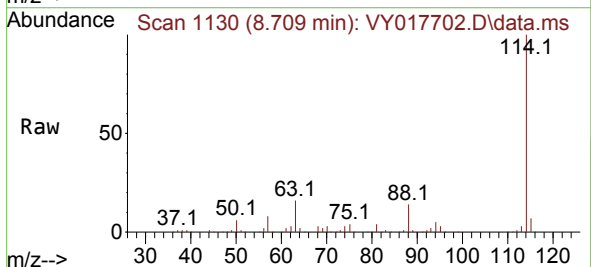
Tgt Ion: 114 Resp: 219588

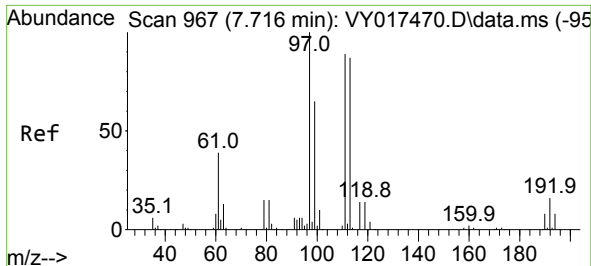
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

88 13.7 0.0 27.2

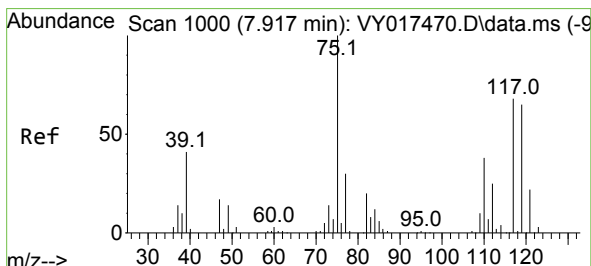
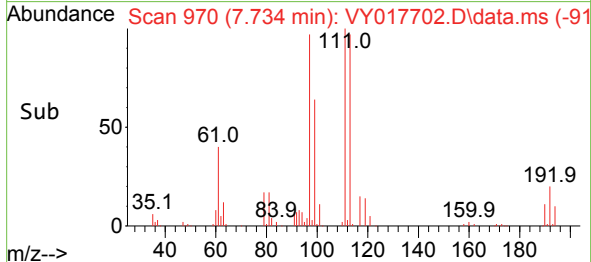
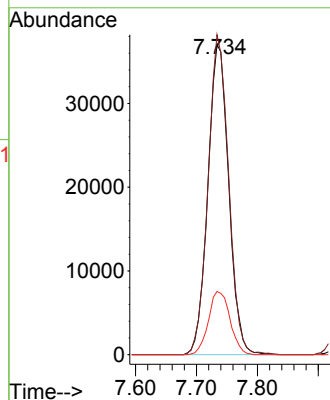
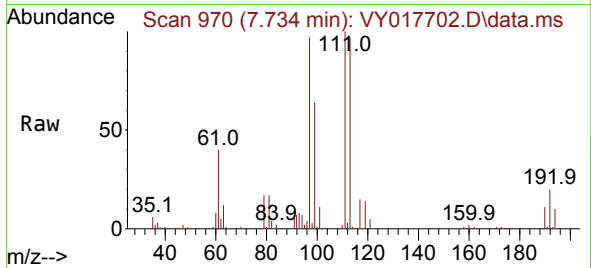




#35
Dibromofluoromethane
Concen: 57.625 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

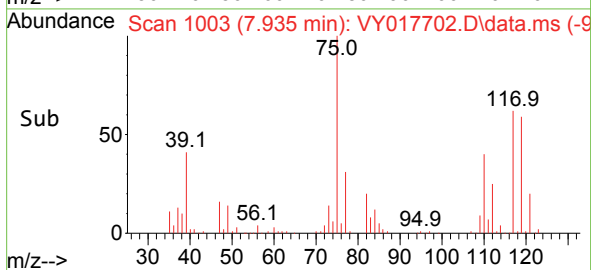
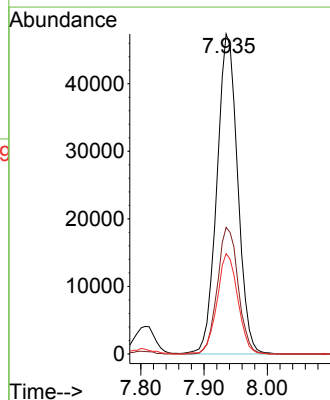
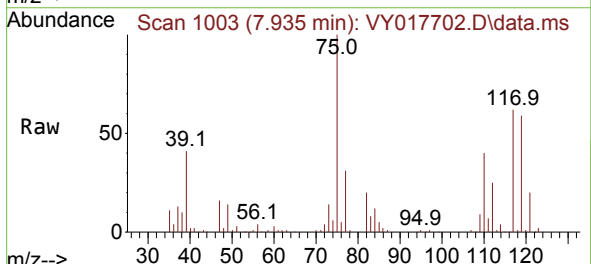
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

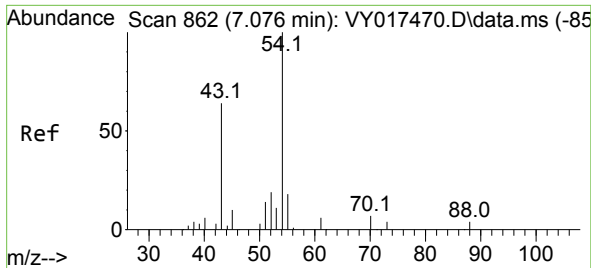
Tgt Ion:113 Resp: 88176
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 21.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.165 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 75 Resp: 107695
Ion Ratio Lower Upper
75 100
110 39.6 19.0 57.0
77 31.4 25.3 37.9

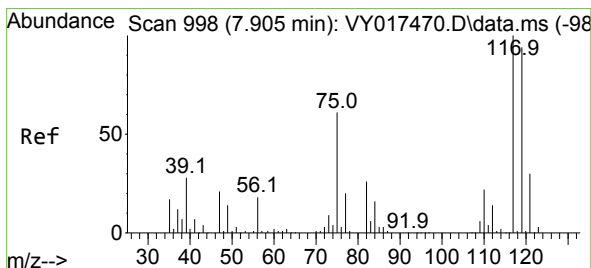
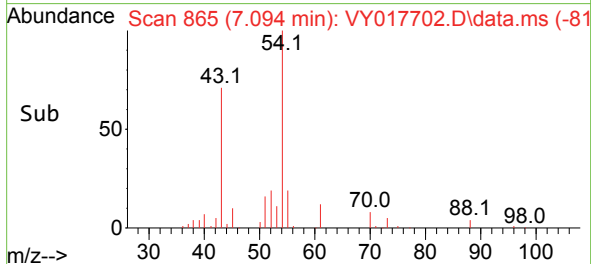
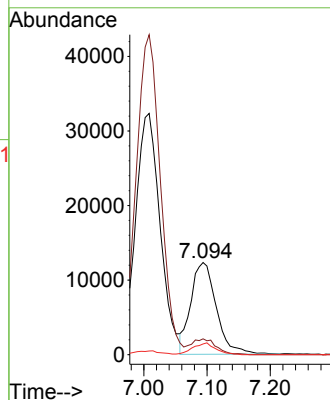
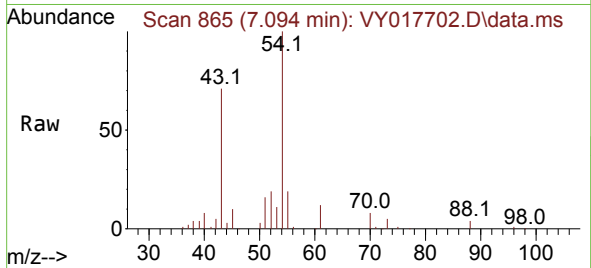




#37
Ethyl Acetate
Concen: 42.316 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

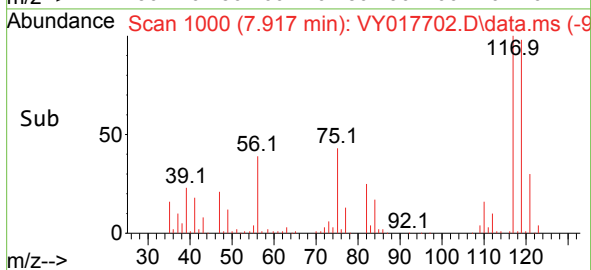
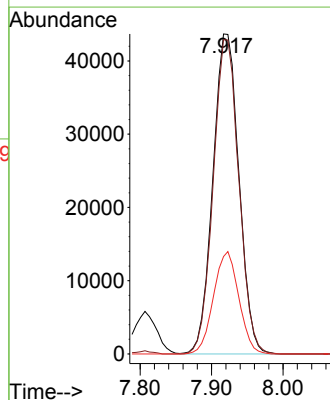
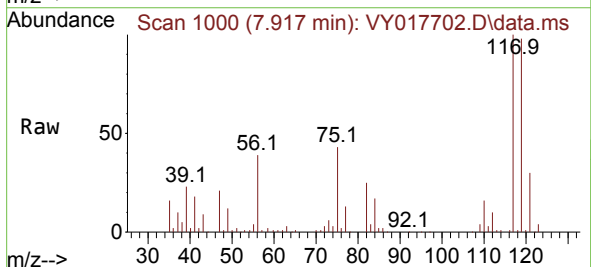
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

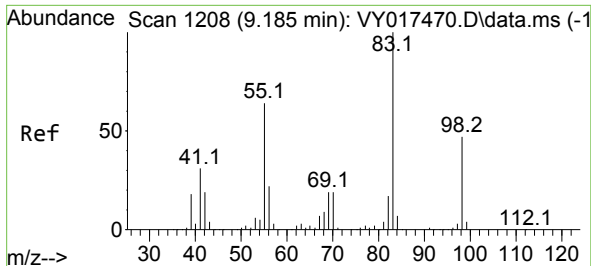
Tgt Ion: 43 Resp: 34505
Ion Ratio Lower Upper
43 100
61 15.8 12.6 19.0
70 11.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 53.414 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 117 Resp: 110519
Ion Ratio Lower Upper
117 100
119 98.2 75.8 113.6
121 30.5 24.0 36.0





#39

Methylcyclohexane

Concen: 52.333 ug/l

RT: 9.203 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

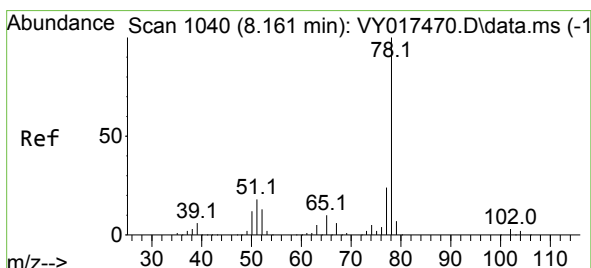
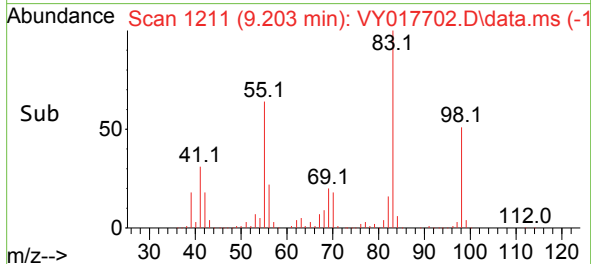
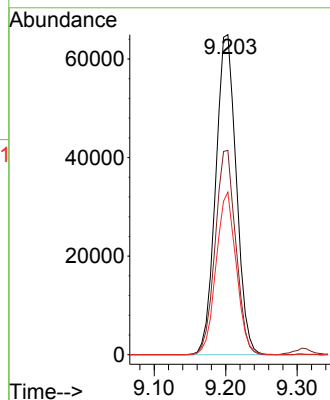
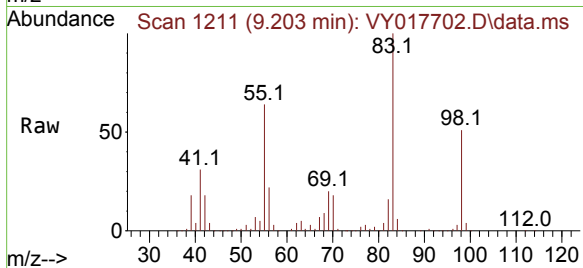
Tgt Ion: 83 Resp: 129843

Ion Ratio Lower Upper

83 100

55 63.9 51.5 77.3

98 50.8 40.5 60.7



#40

Benzene

Concen: 54.111 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.018 min

Lab File: VY017702.D

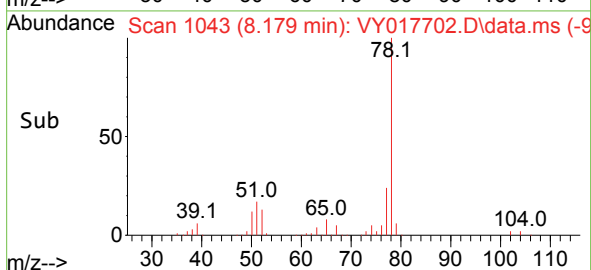
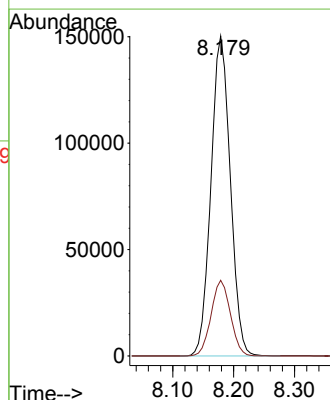
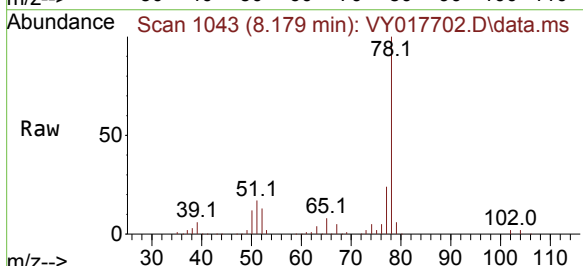
Acq: 19 Mar 2024 10:35

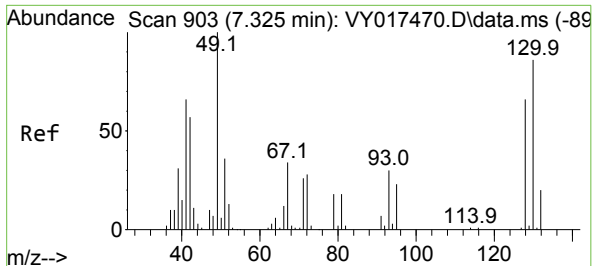
Tgt Ion: 78 Resp: 331760

Ion Ratio Lower Upper

78 100

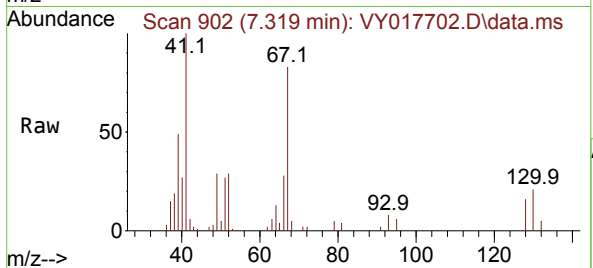
77 23.7 19.5 29.3





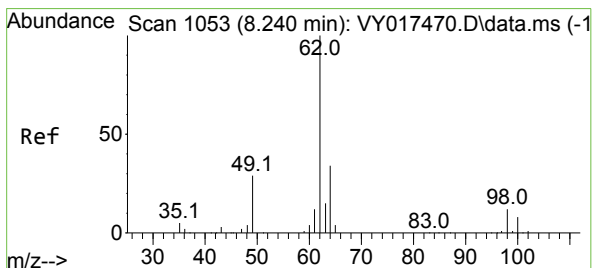
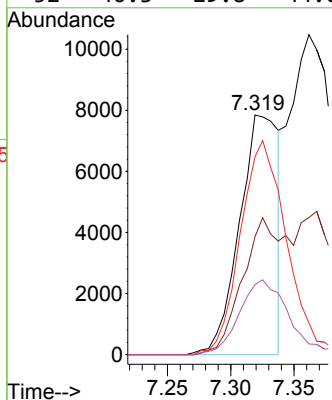
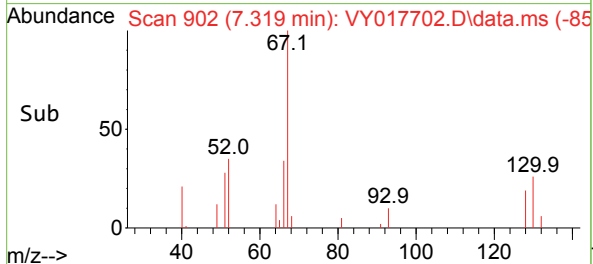
#41
Methacrylonitrile
Concen: 41.057 ug/l
RT: 7.319 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 16800

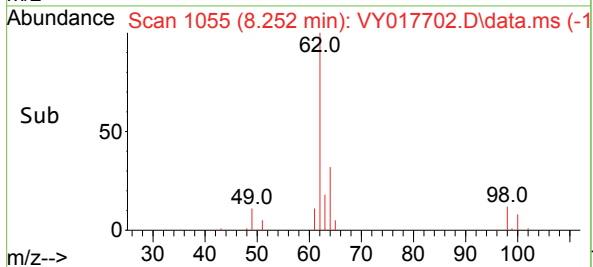
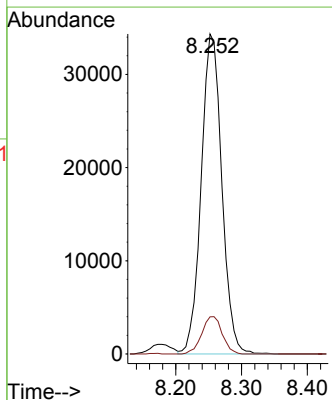
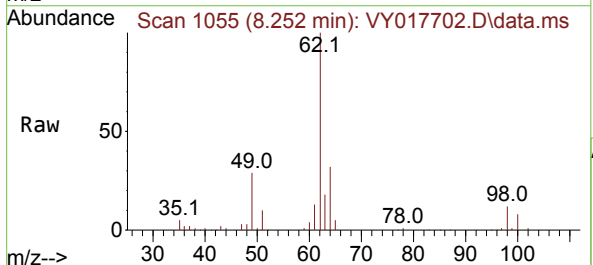
Ion	Ratio	Lower	Upper
41	100		
39	51.5	48.0	72.0
67	106.2	75.1	112.7
52	40.3	29.8	44.6

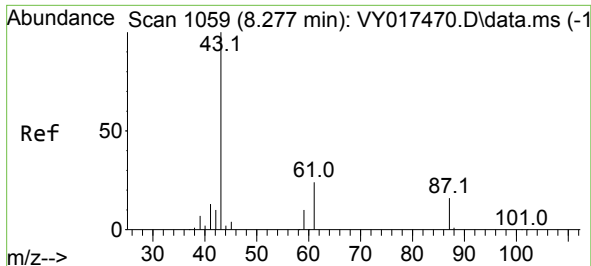


#42
1,2-Dichloroethane
Concen: 50.024 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 62 Resp: 74830

Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	22.0

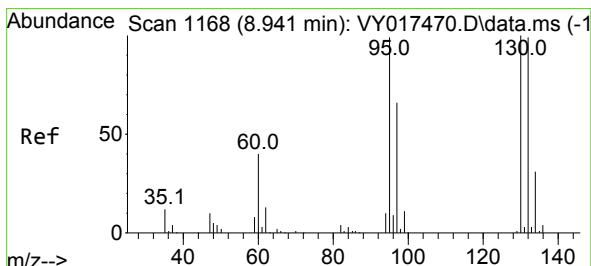
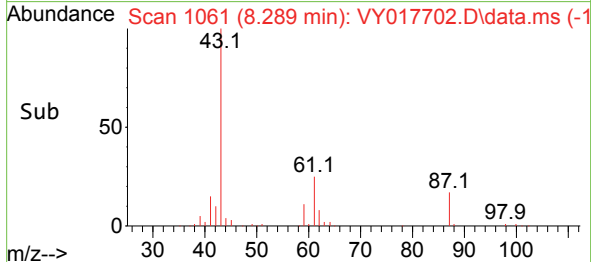
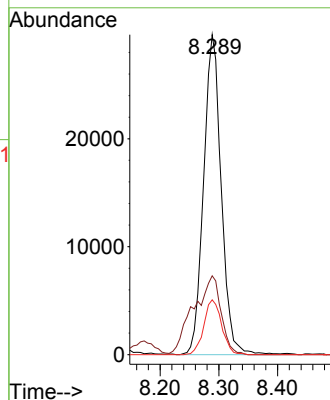
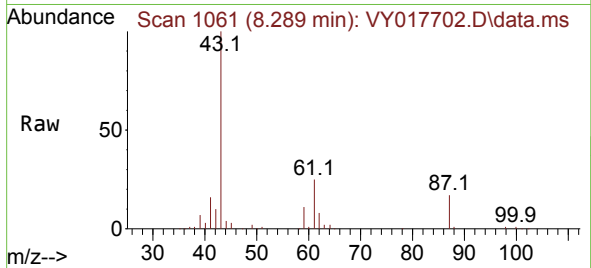




#43
Isopropyl Acetate
Concen: 43.154 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

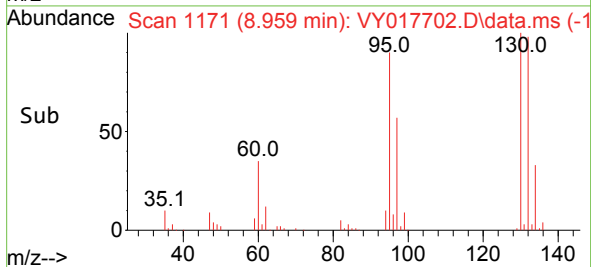
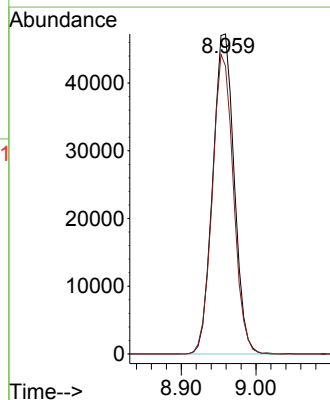
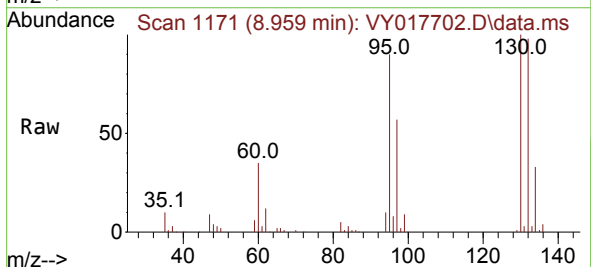
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

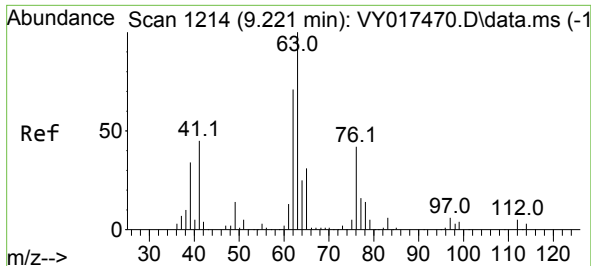
Tgt Ion: 43 Resp: 61835
Ion Ratio Lower Upper
43 100
61 38.3 27.9 41.9
87 17.3 13.1 19.7



#44
Trichloroethene
Concen: 53.263 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.018 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion:130 Resp: 94125
Ion Ratio Lower Upper
130 100
95 90.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 51.278 ug/l

RT: 9.233 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

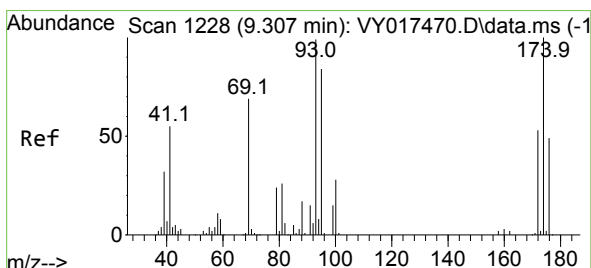
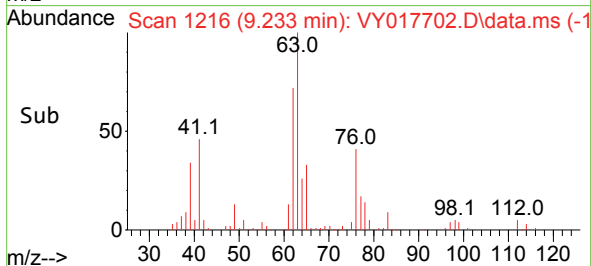
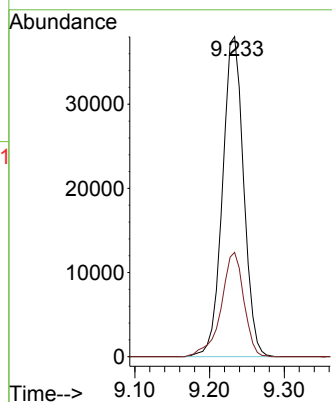
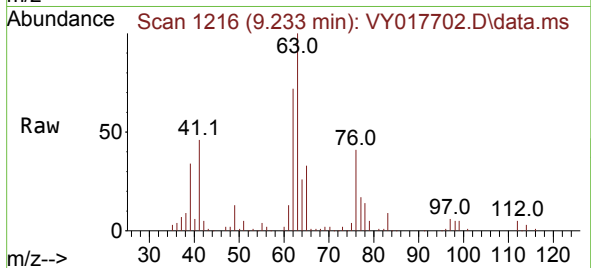
VSTDCCC050

Tgt Ion: 63 Resp: 74798

Ion Ratio Lower Upper

63 100

65 32.6 25.4 38.2



#46

Dibromomethane

Concen: 50.205 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

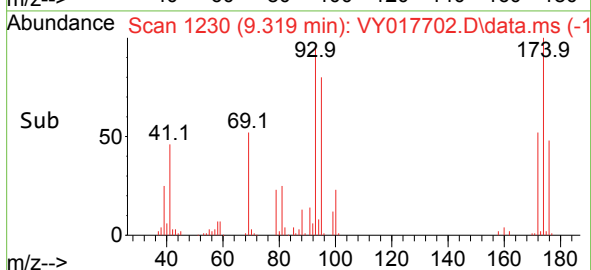
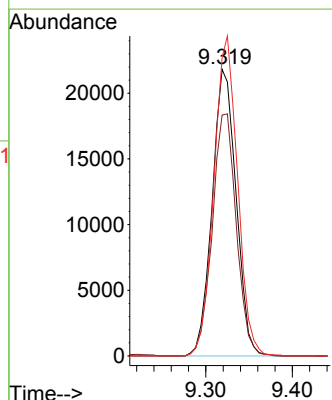
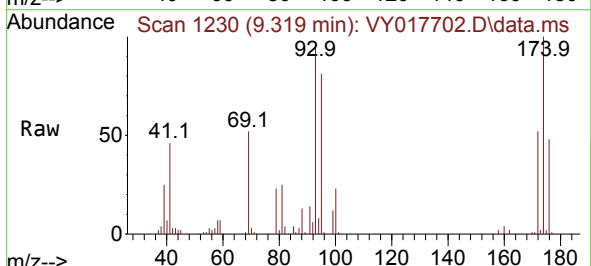
Tgt Ion: 93 Resp: 41911

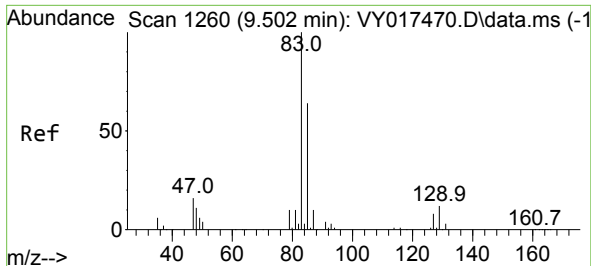
Ion Ratio Lower Upper

93 100

95 85.0 66.2 99.4

174 109.9 80.9 121.3

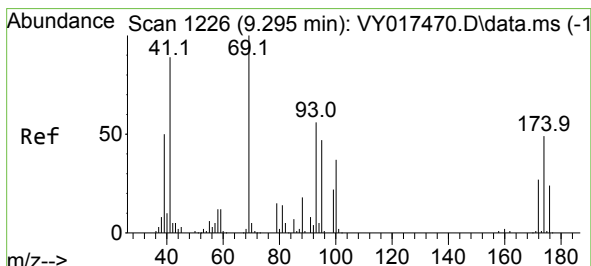
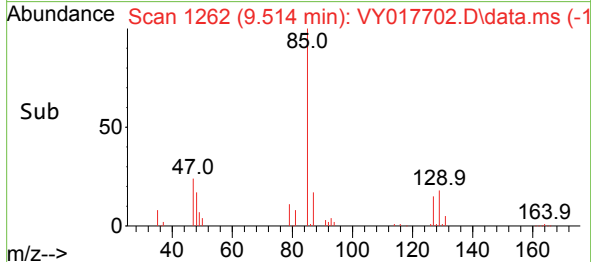
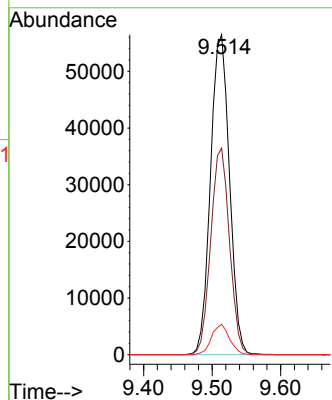
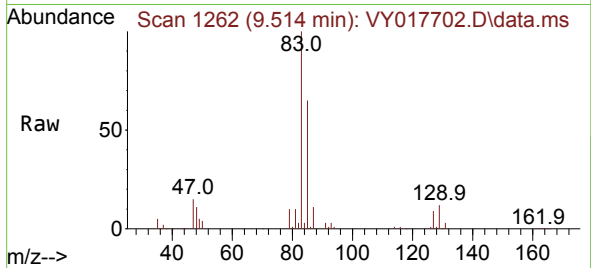




#47
Bromodichloromethane
Concen: 53.454 ug/l
RT: 9.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

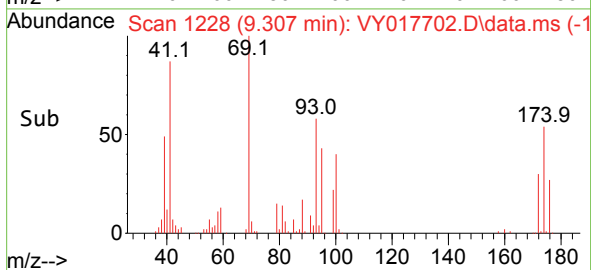
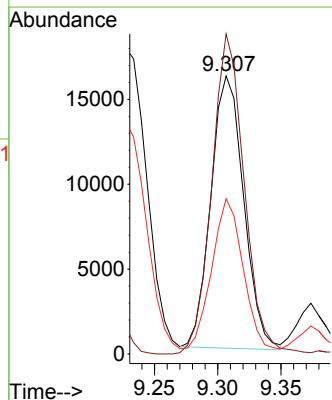
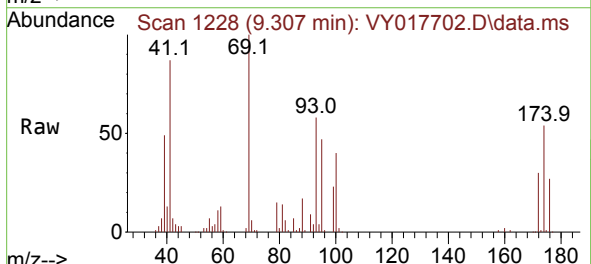
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

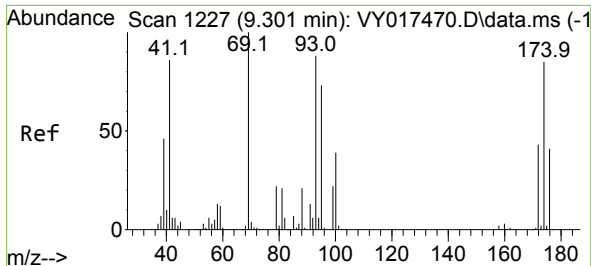
Tgt Ion: 83 Resp: 108349
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 9.5 7.4 11.0



#48
Methyl methacrylate
Concen: 43.665 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 41 Resp: 28961
Ion Ratio Lower Upper
41 100
69 115.8 84.1 126.1
39 52.7 43.6 65.4





#49

1,4-Dioxane

Concen: 799.781 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

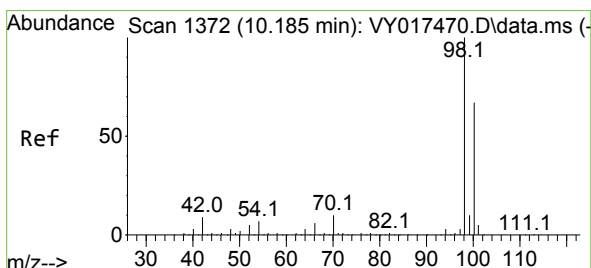
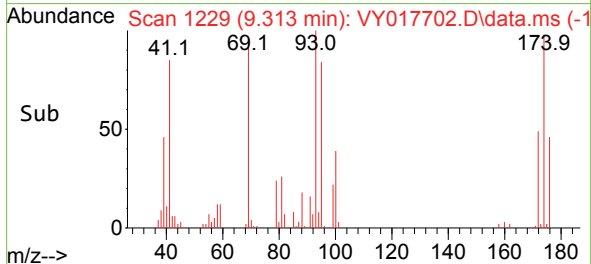
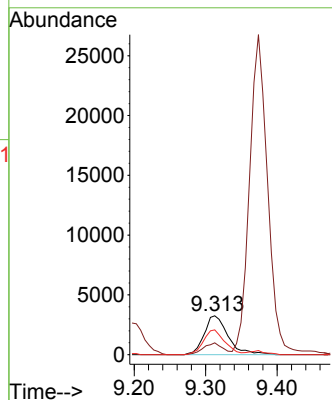
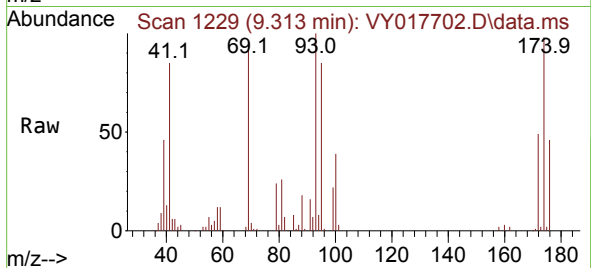
Tgt Ion: 88 Resp: 7556

Ion Ratio Lower Upper

88 100

43 25.2 0.0 0.0#

58 57.1 49.3 73.9



#50

Toluene-d8

Concen: 60.509 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.012 min

Lab File: VY017702.D

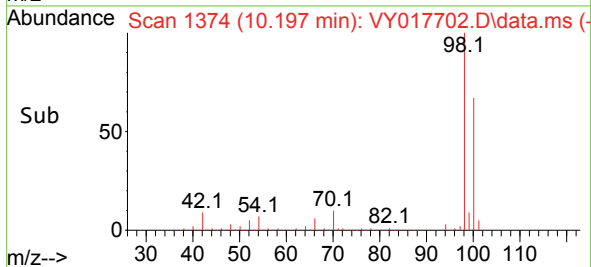
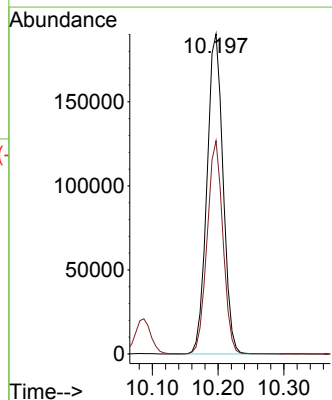
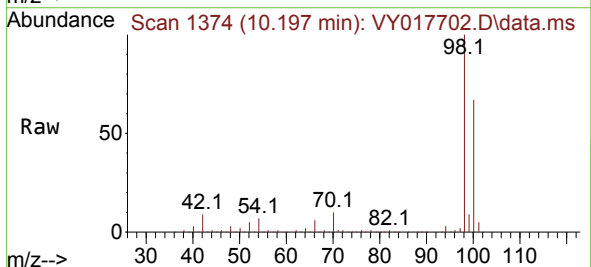
Acq: 19 Mar 2024 10:35

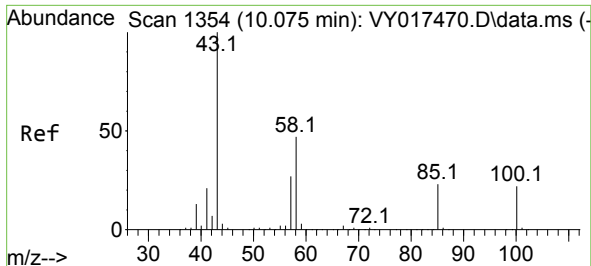
Tgt Ion: 98 Resp: 323725

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 213.127 ug/l

RT: 10.087 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

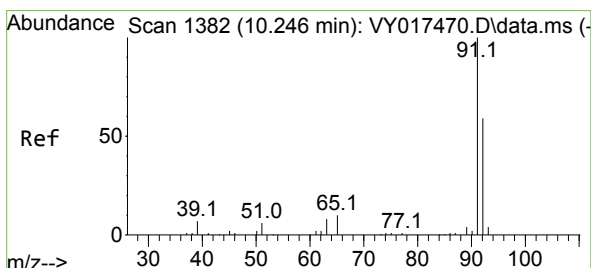
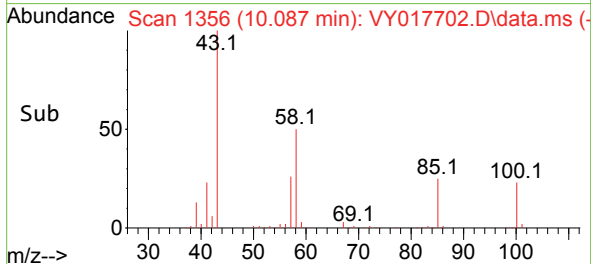
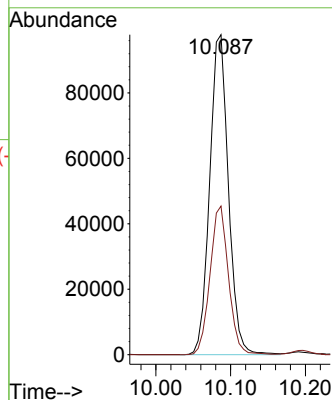
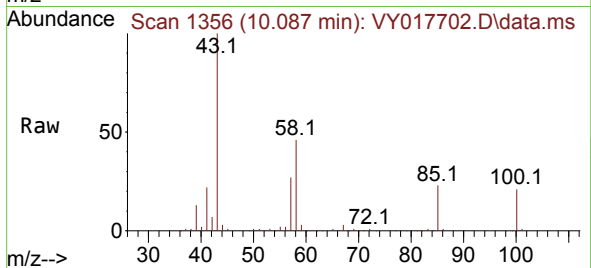
VSTDCCC050

Tgt Ion: 43 Resp: 170201

Ion Ratio Lower Upper

43 100

58 45.9 35.7 53.5



#52

Toluene

Concen: 54.958 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.012 min

Lab File: VY017702.D

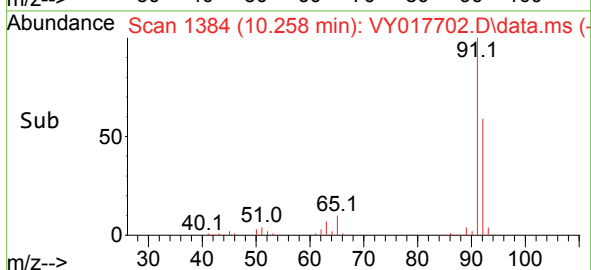
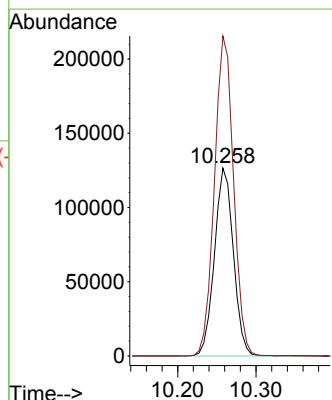
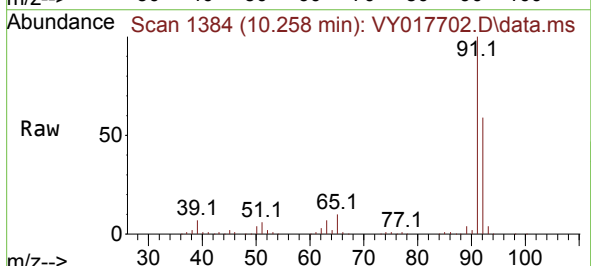
Acq: 19 Mar 2024 10:35

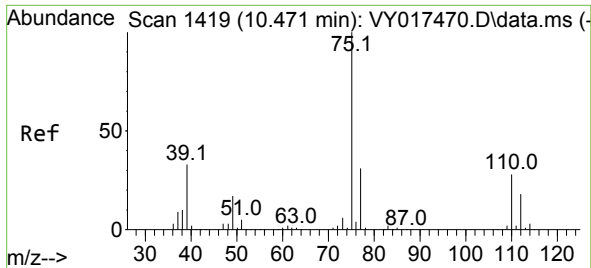
Tgt Ion: 92 Resp: 212418

Ion Ratio Lower Upper

92 100

91 172.2 139.0 208.6

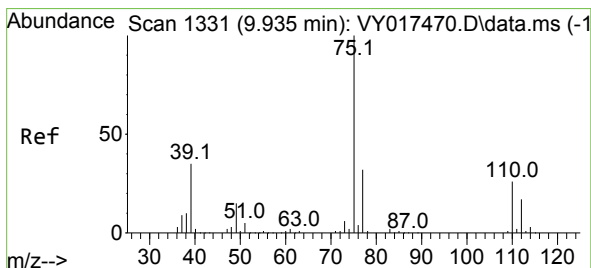
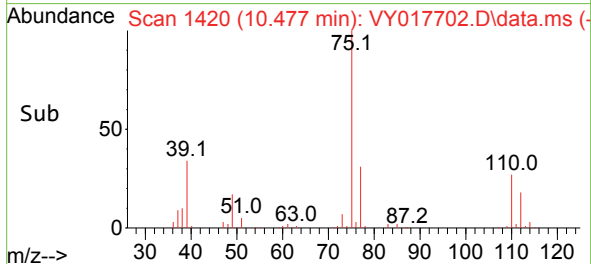
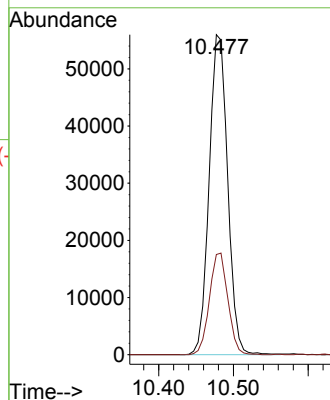
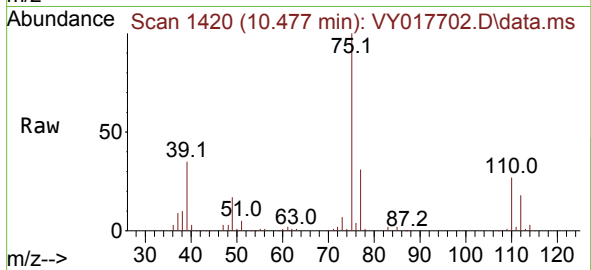




#53
t-1,3-Dichloropropene
Concen: 51.122 ug/l
RT: 10.477 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

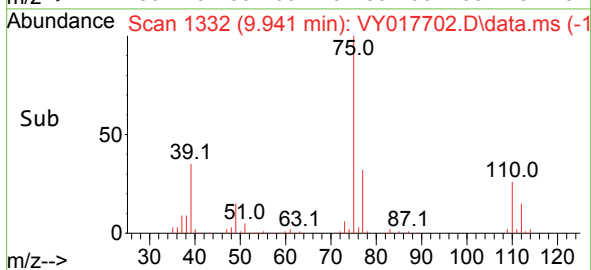
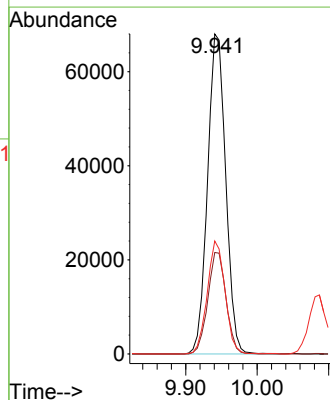
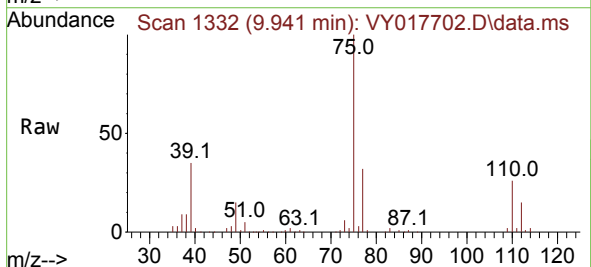
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

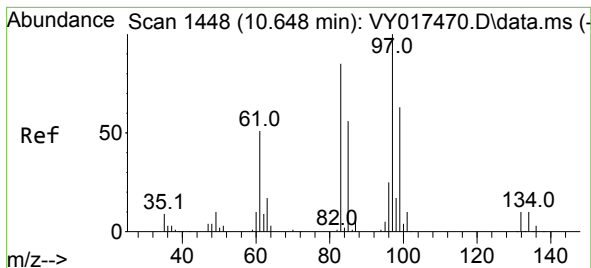
Tgt Ion: 75 Resp: 96179
Ion Ratio Lower Upper
75 100
77 31.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 52.482 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 75 Resp: 119977
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 35.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 50.401 ug/l

RT: 10.660 min Scan# 1448

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 59738

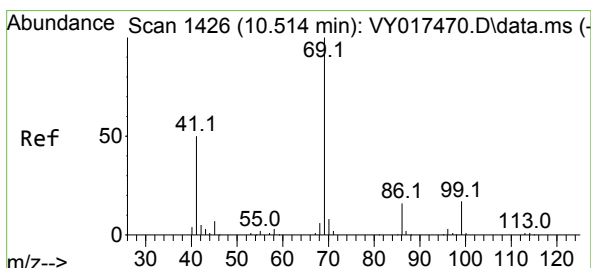
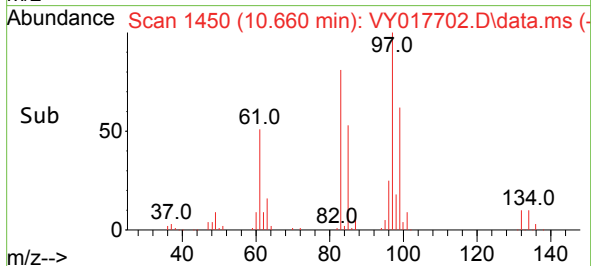
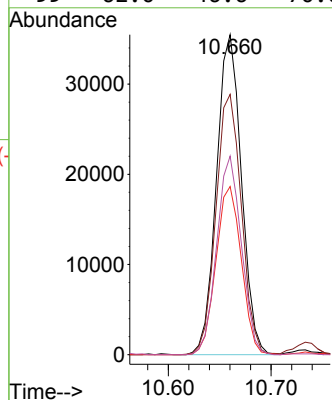
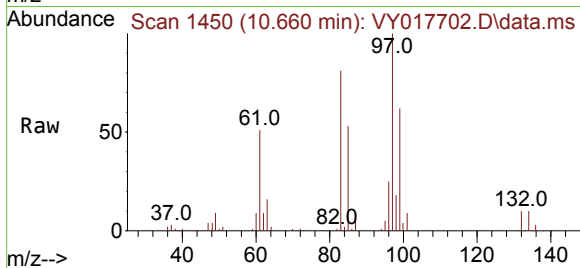
Ion Ratio Lower Upper

97 100

83 81.4 67.5 101.3

85 52.5 42.9 64.3

99 62.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 44.406 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

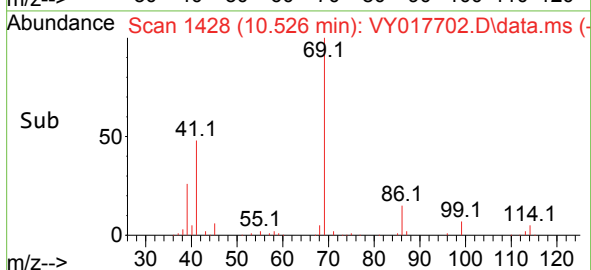
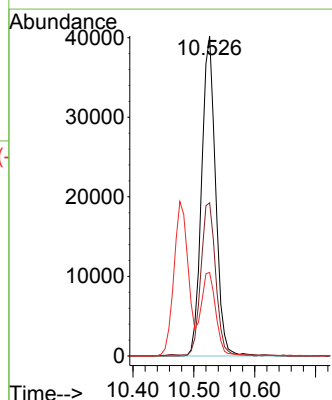
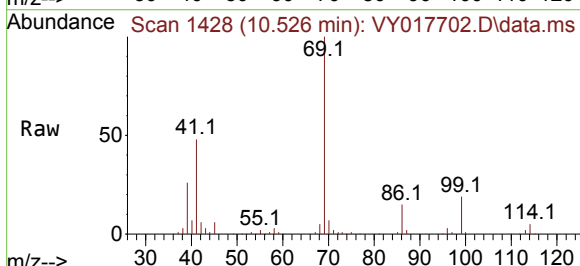
Tgt Ion: 69 Resp: 64314

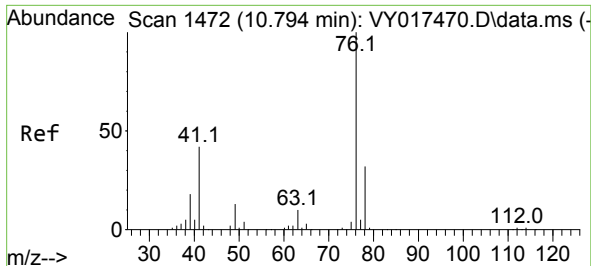
Ion Ratio Lower Upper

69 100

41 51.0 42.3 63.5

39 27.7 22.9 34.3





#57

1,3-Dichloropropane

Concen: 49.531 ug/l

RT: 10.806 min Scan# 1472

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

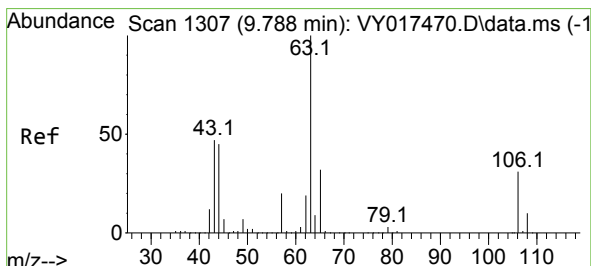
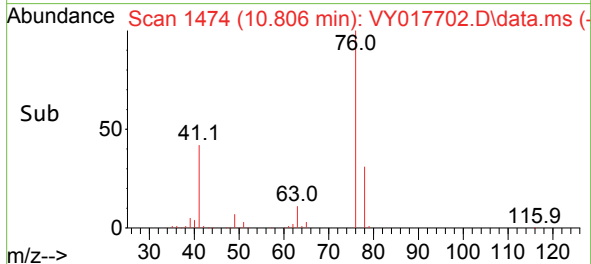
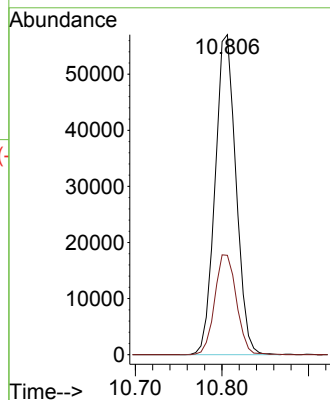
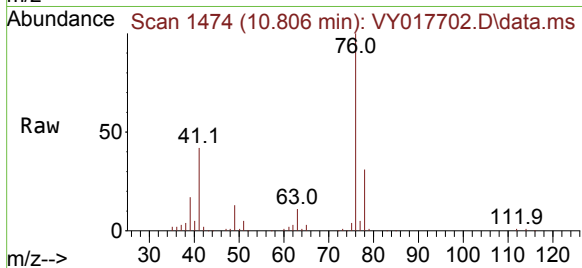
VSTDCCC050

Tgt Ion: 76 Resp: 95450

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 206.619 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017702.D

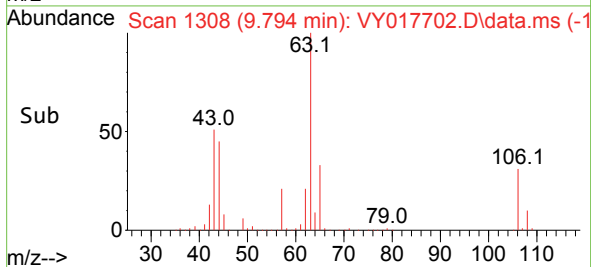
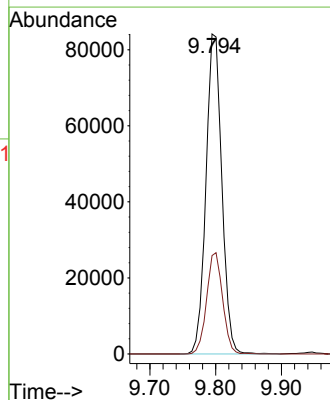
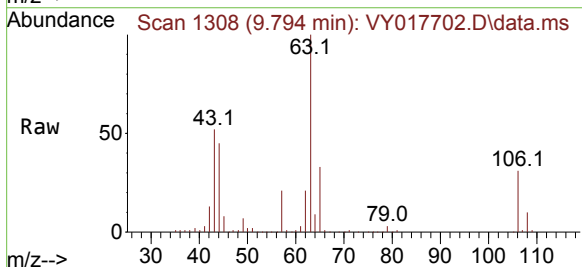
Acq: 19 Mar 2024 10:35

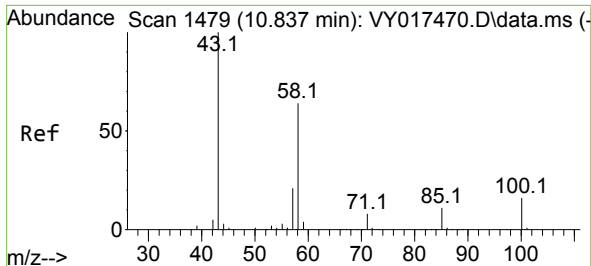
Tgt Ion: 63 Resp: 141318

Ion Ratio Lower Upper

63 100

106 31.8 23.7 35.5

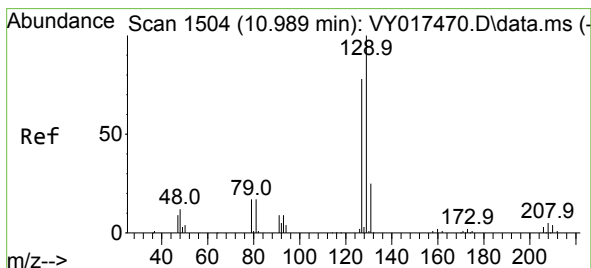
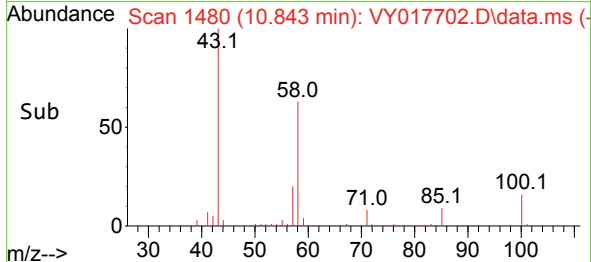
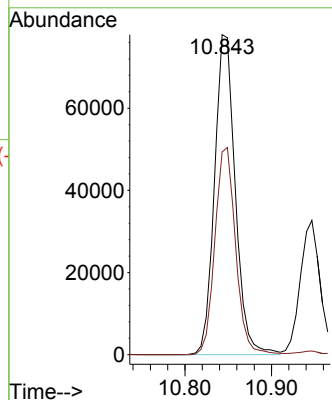
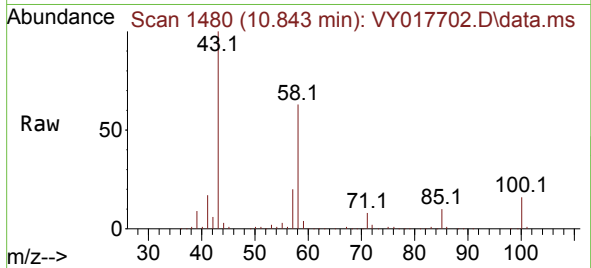




#59
2-Hexanone
Concen: 236.817 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

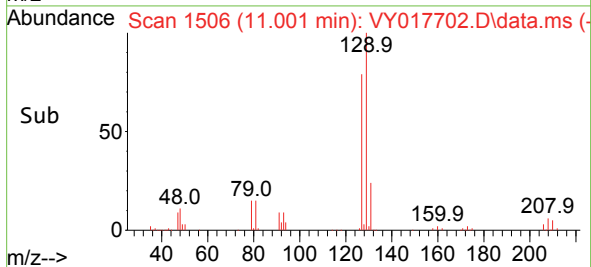
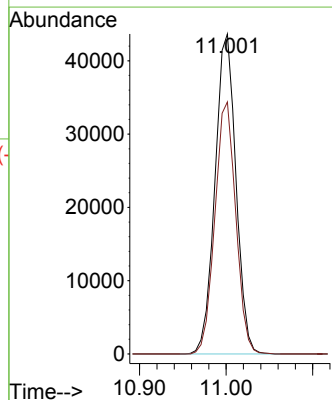
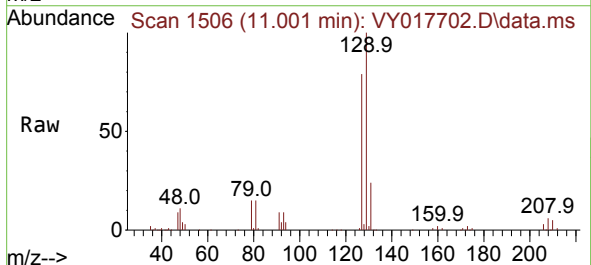
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

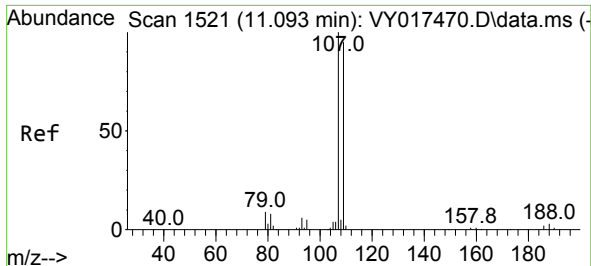
Tgt Ion: 43 Resp: 129902
Ion Ratio Lower Upper
43 100
58 64.6 31.4 94.0



#60
Dibromochloromethane
Concen: 52.266 ug/l
RT: 11.001 min Scan# 1506
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 129 Resp: 73286
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0

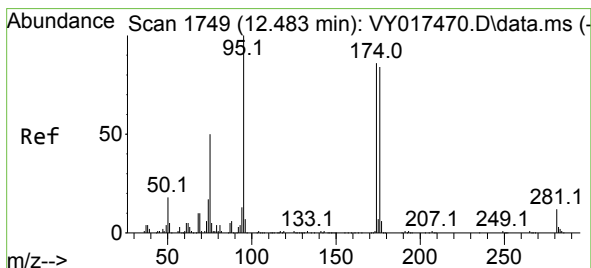
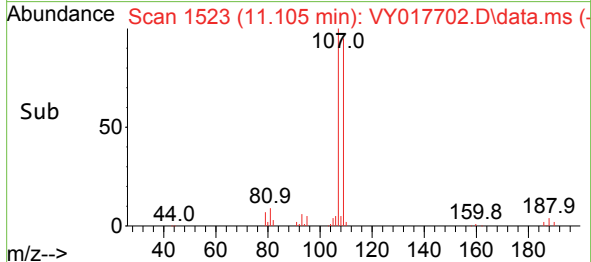
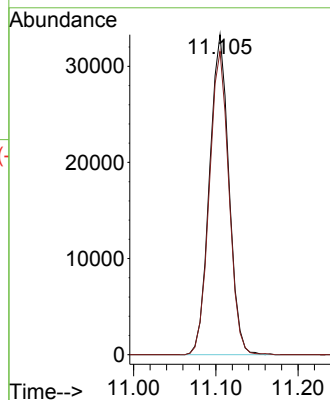
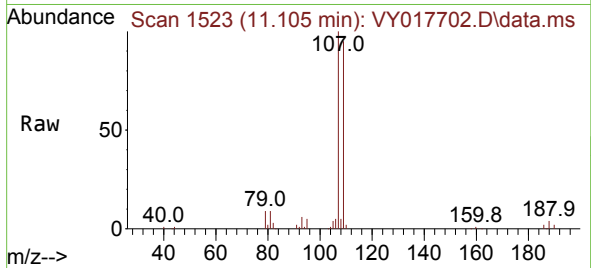




#61
1,2-Dibromoethane
Concen: 49.996 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

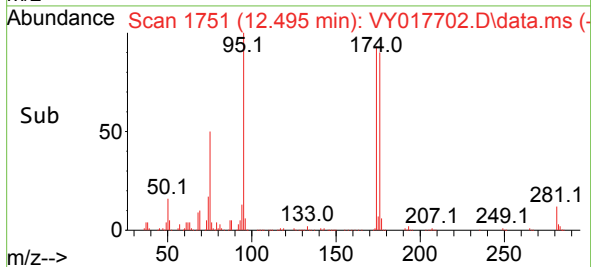
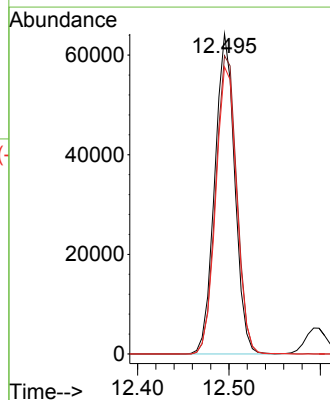
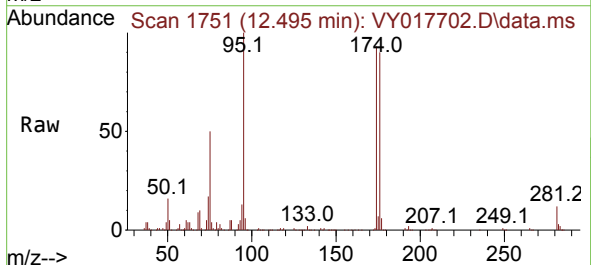
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

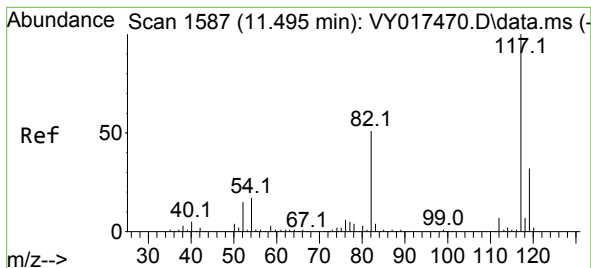
Tgt Ion:107 Resp: 54609
Ion Ratio Lower Upper
107 100
109 95.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 58.125 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 95 Resp: 97729
Ion Ratio Lower Upper
95 100
174 98.5 0.0 175.6
176 94.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.507 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

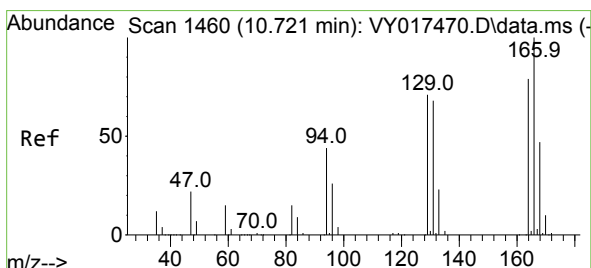
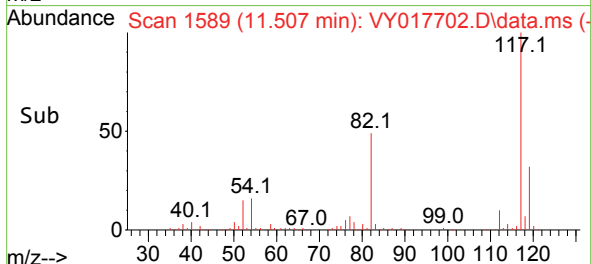
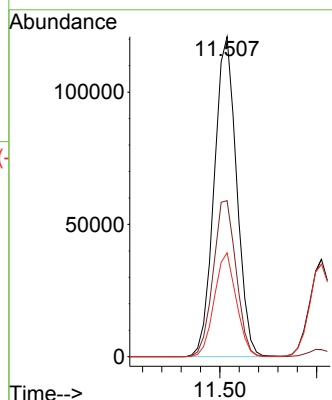
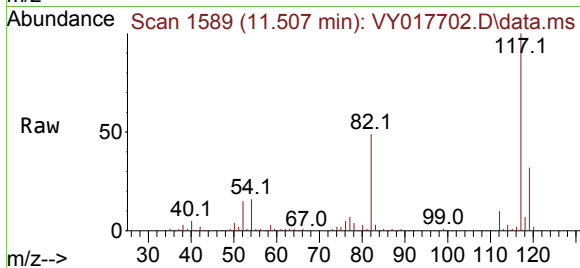
Tgt Ion:117 Resp: 194694

Ion Ratio Lower Upper

117 100

82 48.7 42.4 63.6

119 32.5 25.9 38.9



#64

Tetrachloroethene

Concen: 51.077 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Tgt Ion:164 Resp: 95448

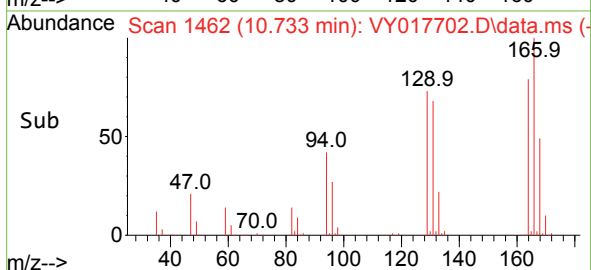
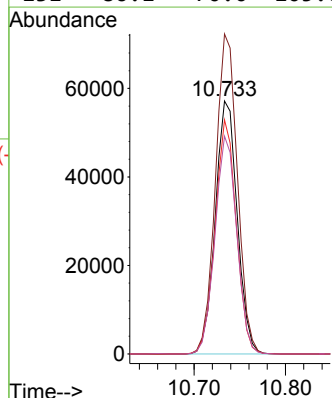
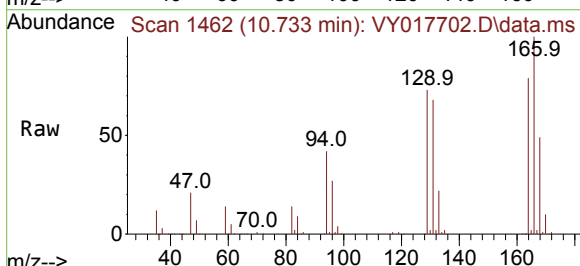
Ion Ratio Lower Upper

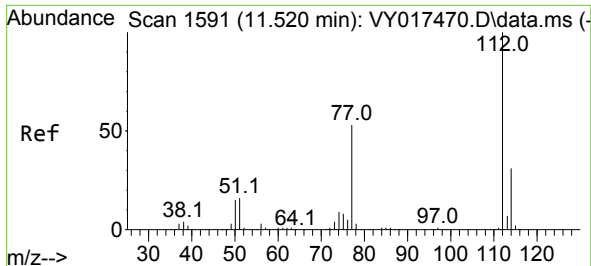
164 100

166 126.5 102.6 154.0

129 92.6 72.0 108.0

131 86.1 70.0 105.0

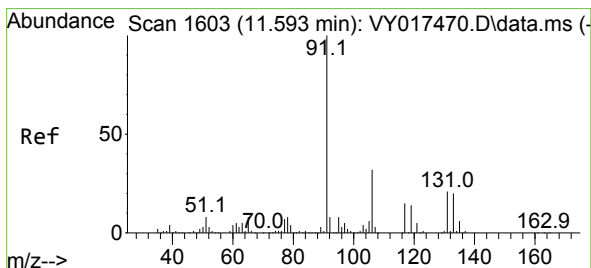
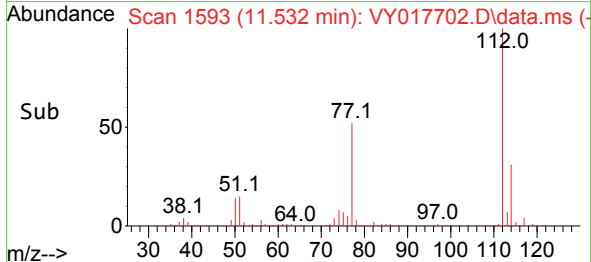
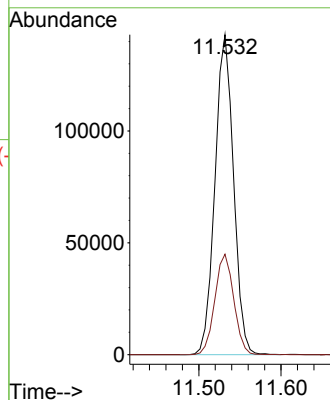
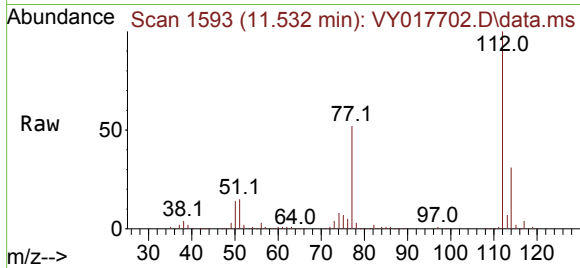




#65
Chlorobenzene
Concen: 54.346 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

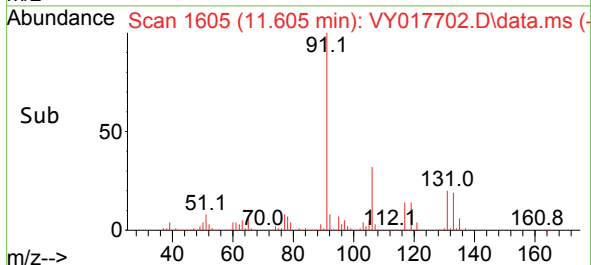
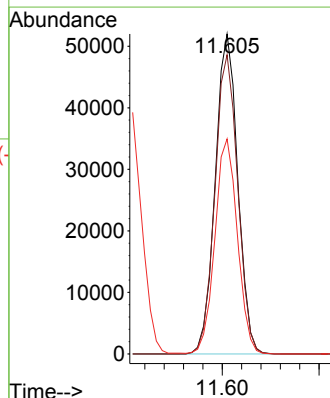
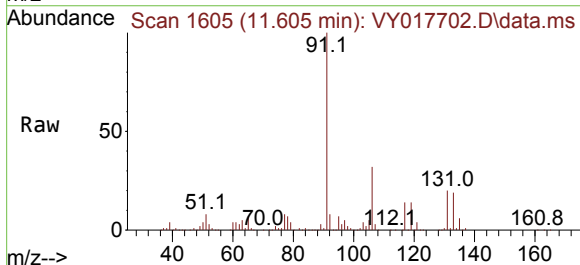
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

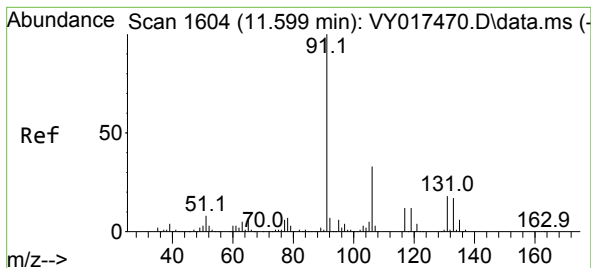
Tgt Ion:112 Resp: 224585
Ion Ratio Lower Upper
112 100
114 31.4 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.175 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion:131 Resp: 83872
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 67.4 34.1 102.2





#67

Ethyl Benzene

Concen: 55.267 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

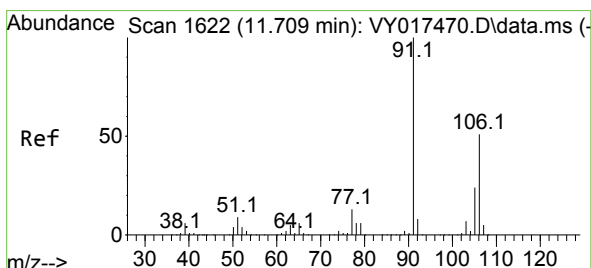
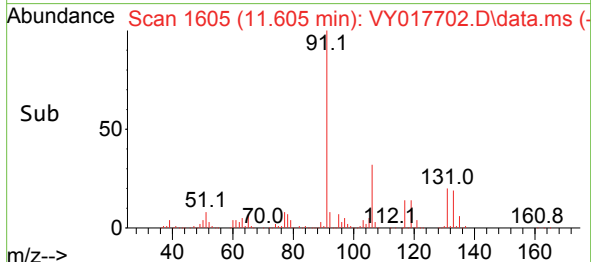
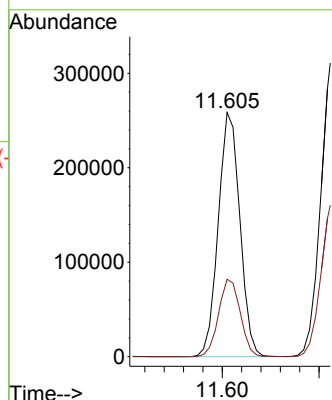
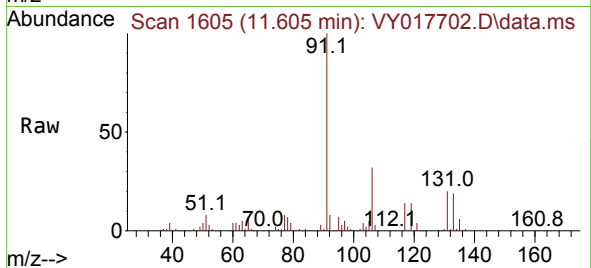
VSTDCCC050

Tgt Ion: 91 Resp: 400544

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 111.903 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017702.D

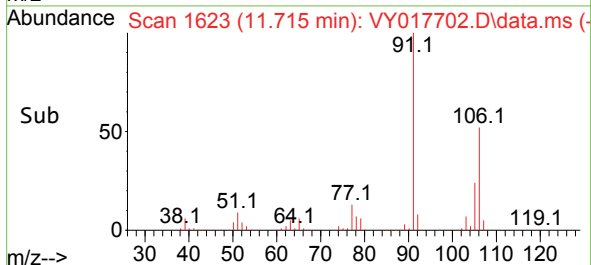
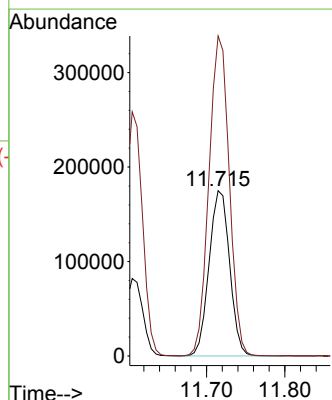
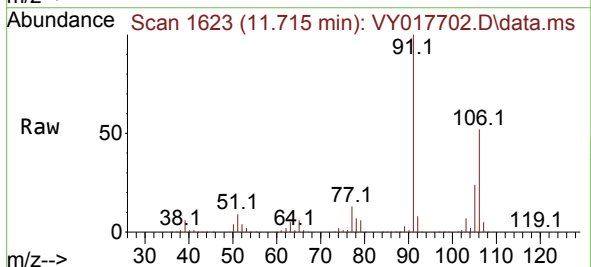
Acq: 19 Mar 2024 10:35

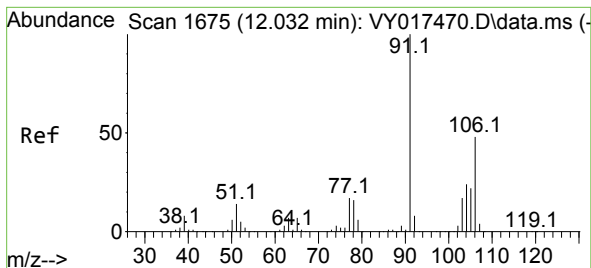
Tgt Ion:106 Resp: 318679

Ion Ratio Lower Upper

106 100

91 191.7 156.0 234.0





#69

o-Xylene

Concen: 55.767 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

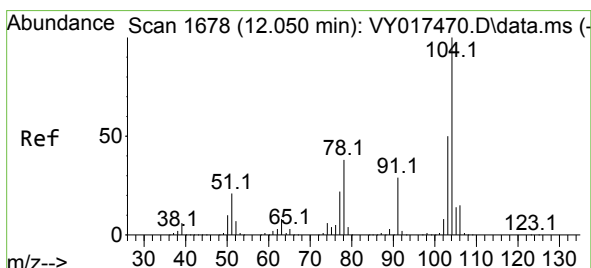
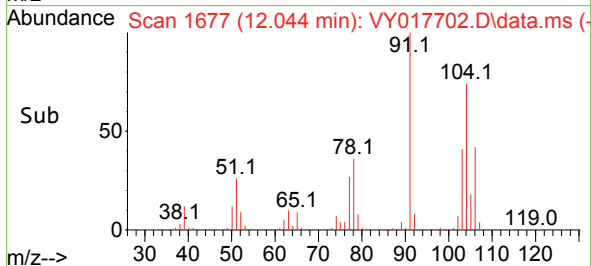
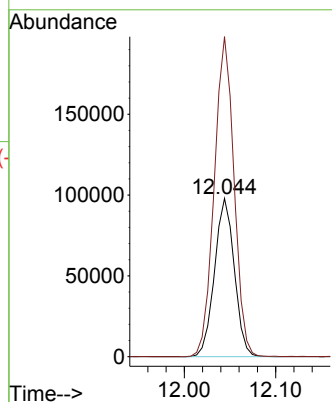
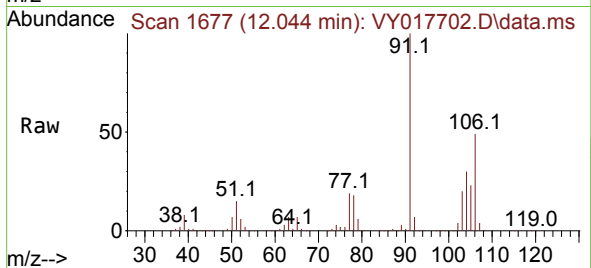
VSTDCCC050

Tgt Ion:106 Resp: 147337

Ion Ratio Lower Upper

106 100

91 202.3 103.6 310.8



#70

Styrene

Concen: 55.519 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

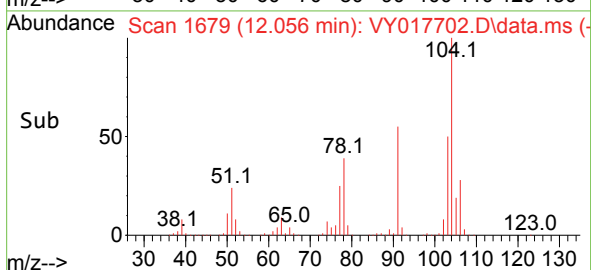
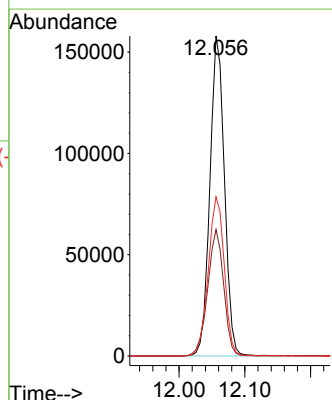
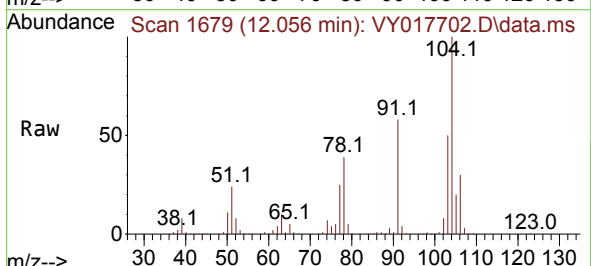
Tgt Ion:104 Resp: 243479

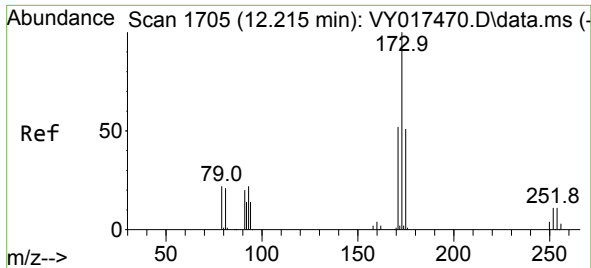
Ion Ratio Lower Upper

104 100

78 43.3 37.0 55.4

103 54.7 44.2 66.2

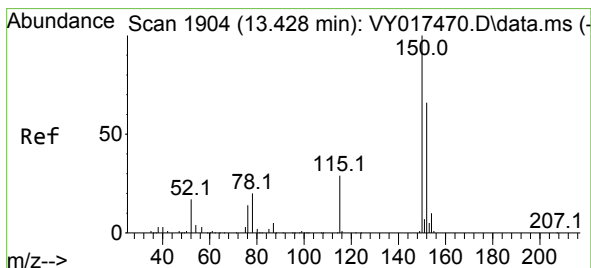
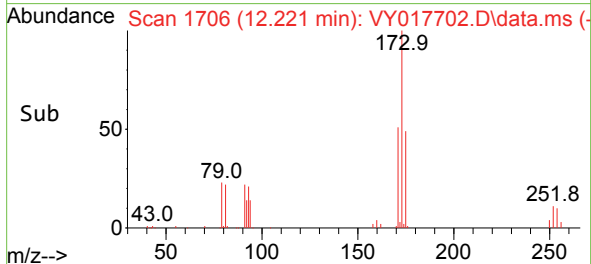
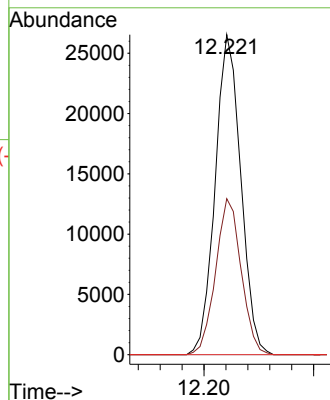
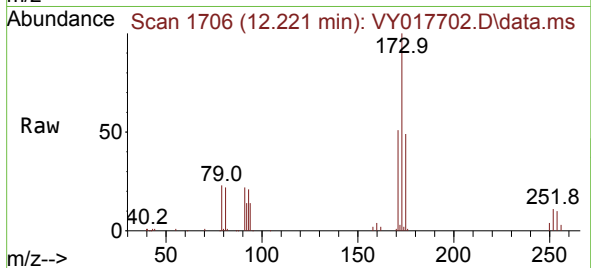




#71
Bromoform
Concen: 50.208 ug/l
RT: 12.221 min Scan# 1706
Delta R.T. 0.006 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

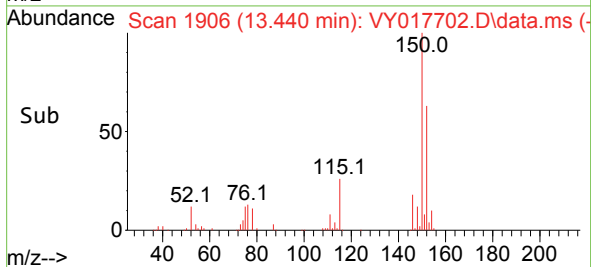
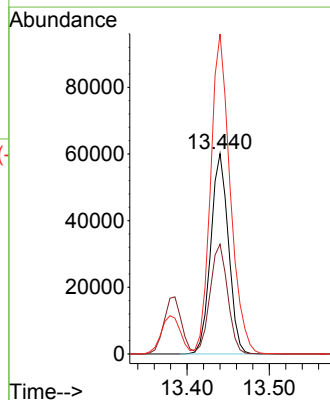
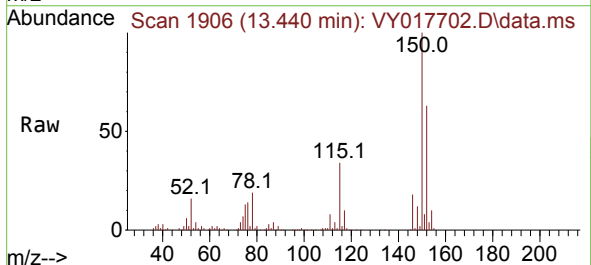
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

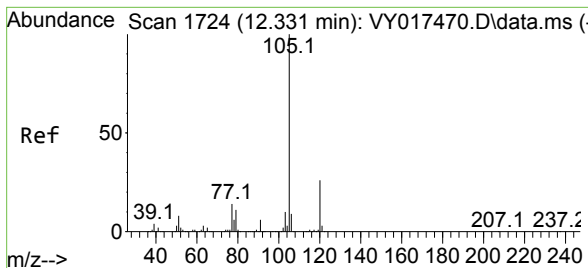
Tgt Ion:173 Resp: 43075
Ion Ratio Lower Upper
173 100
175 48.6 25.1 75.3
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion:152 Resp: 89864
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 177.2 0.0 345.6





#73

Isopropylbenzene

Concen: 57.186 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

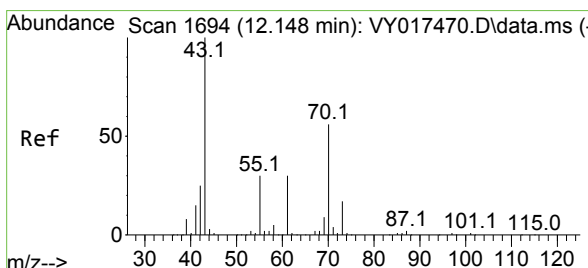
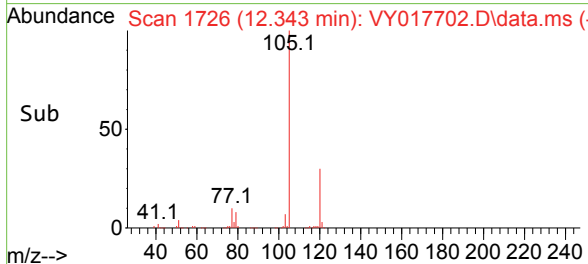
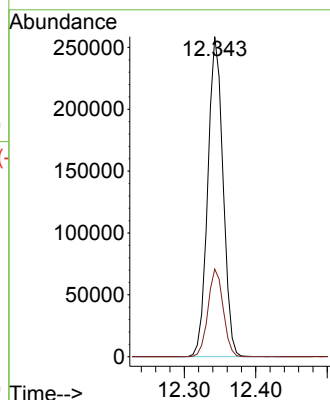
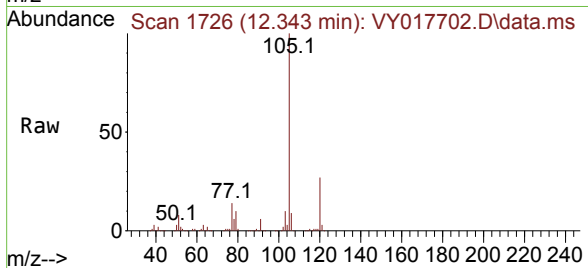
VSTDCCC050

Tgt Ion:105 Resp: 381793

Ion Ratio Lower Upper

105 100

120 27.3 13.4 40.1



#74

N-ethyl acetate

Concen: 44.154 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Tgt Ion: 43 Resp: 51992

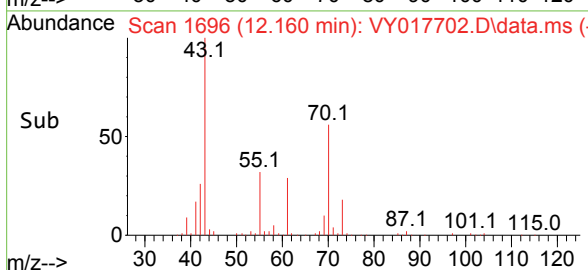
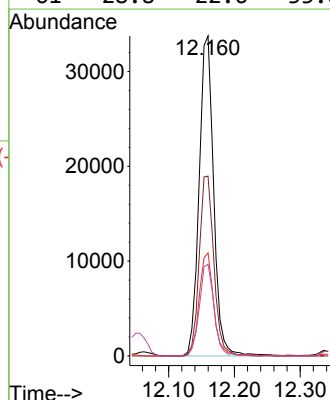
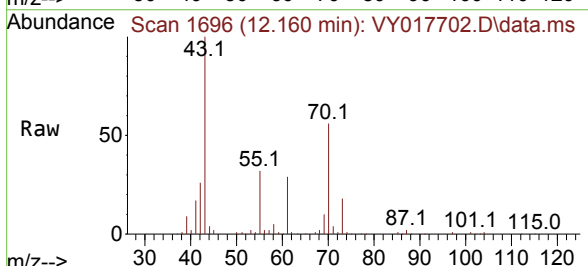
Ion Ratio Lower Upper

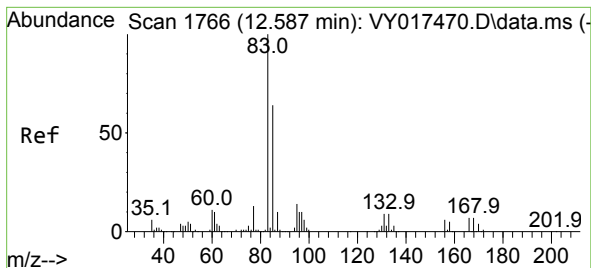
43 100

70 56.3 41.4 62.2

55 32.2 23.3 34.9

61 28.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.945 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

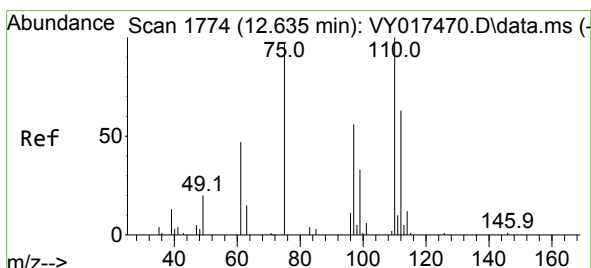
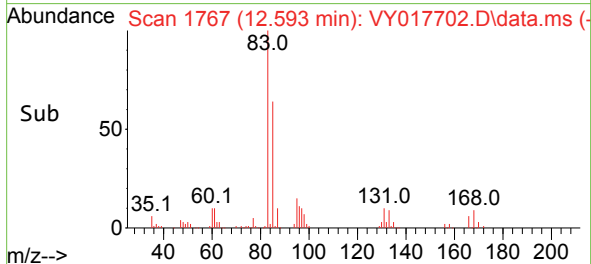
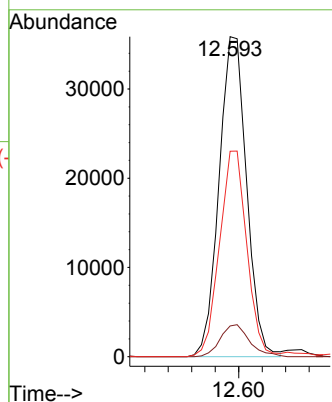
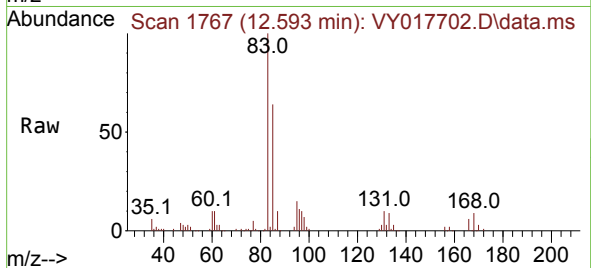
Tgt Ion: 83 Resp: 58407

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 63.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 85.295 ug/l

RT: 12.647 min Scan# 1776

Delta R.T. 0.012 min

Lab File: VY017702.D

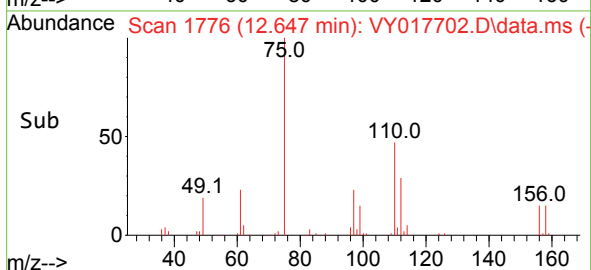
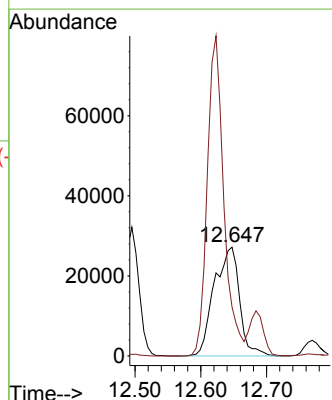
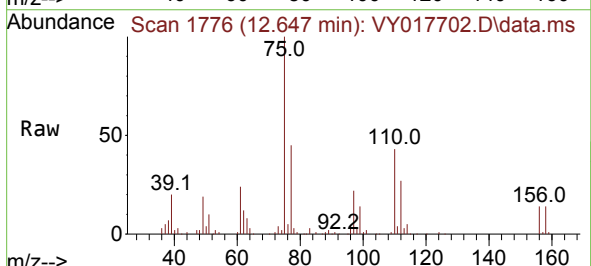
Acq: 19 Mar 2024 10:35

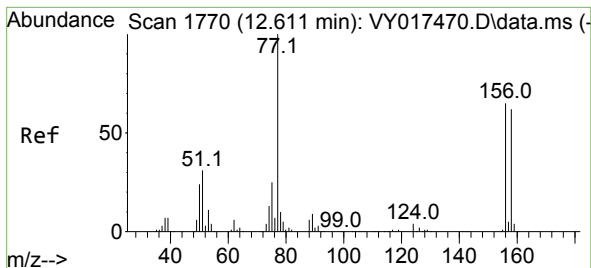
Tgt Ion: 75 Resp: 72829

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.945 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

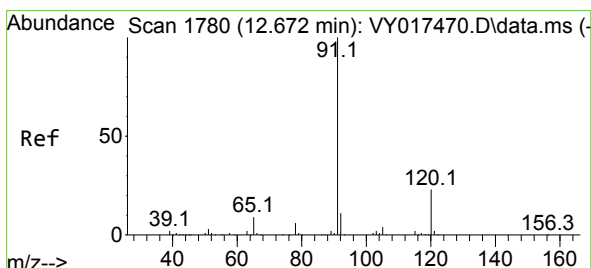
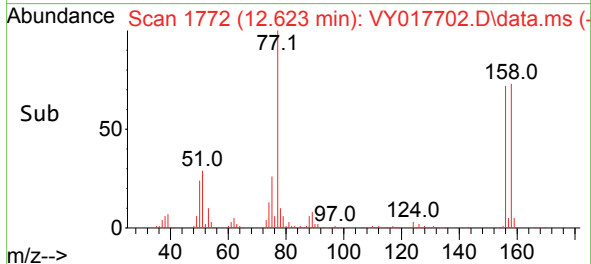
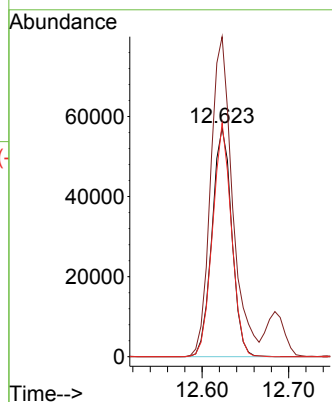
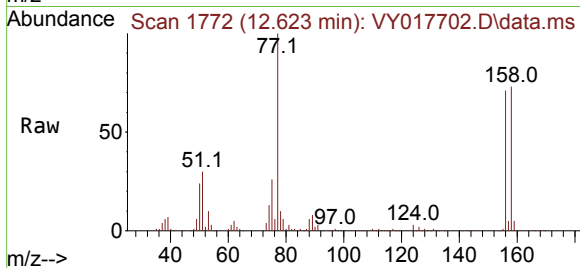
Tgt Ion:156 Resp: 90452

Ion Ratio Lower Upper

156 100

77 155.3 87.1 261.3

158 97.6 48.6 145.9



#78

n-propylbenzene

Concen: 56.639 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY017702.D

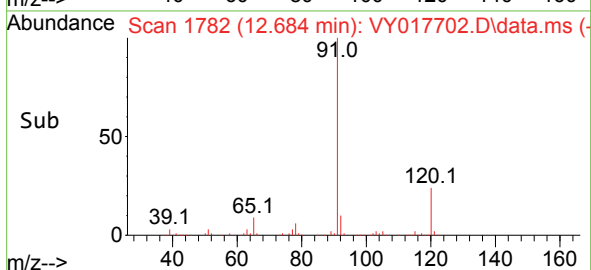
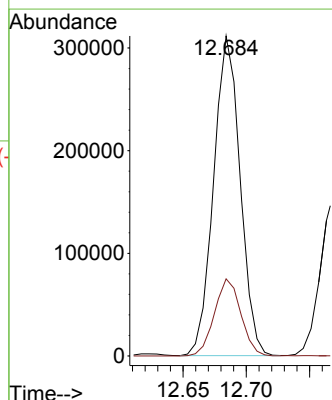
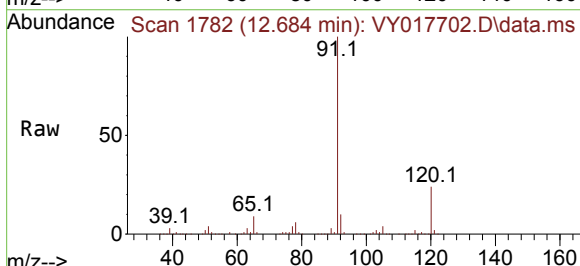
Acq: 19 Mar 2024 10:35

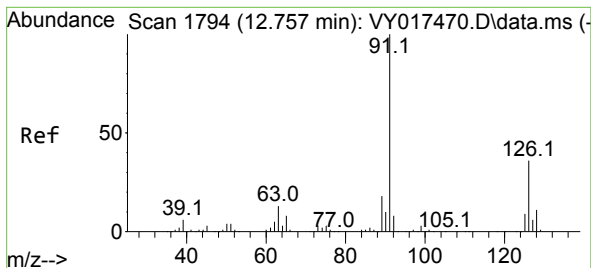
Tgt Ion: 91 Resp: 453731

Ion Ratio Lower Upper

91 100

120 24.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 55.050 ug/l

RT: 12.769 min Scan# 1796

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

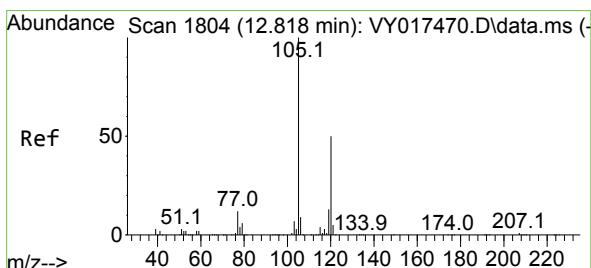
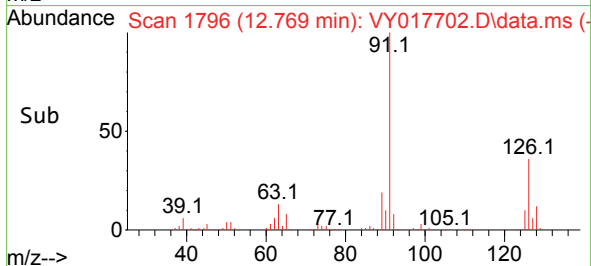
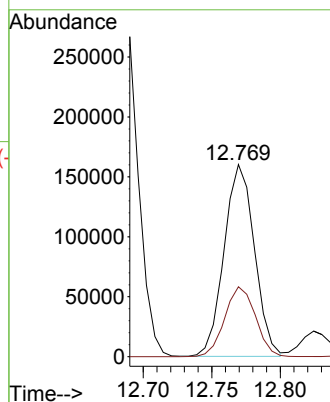
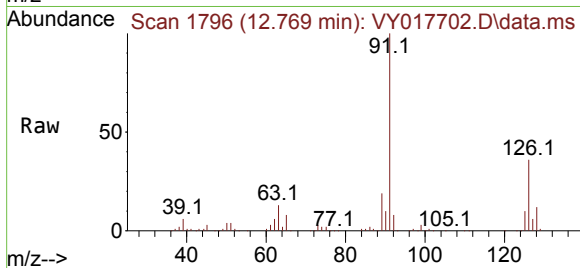
VSTDCCC050

Tgt Ion: 91 Resp: 246905

Ion Ratio Lower Upper

91 100

126 36.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 57.227 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017702.D

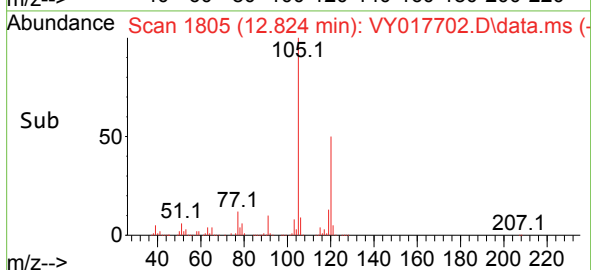
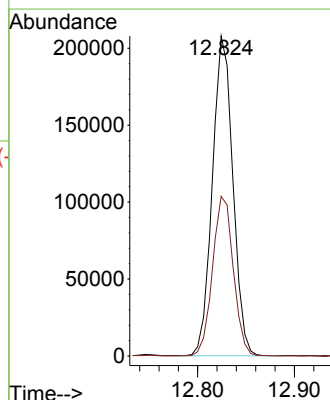
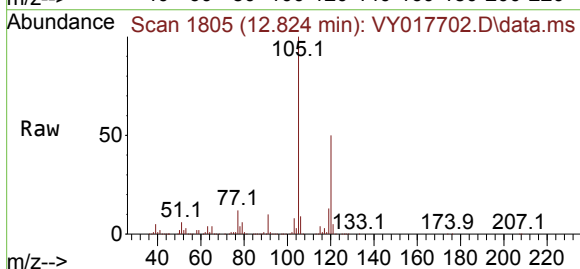
Acq: 19 Mar 2024 10:35

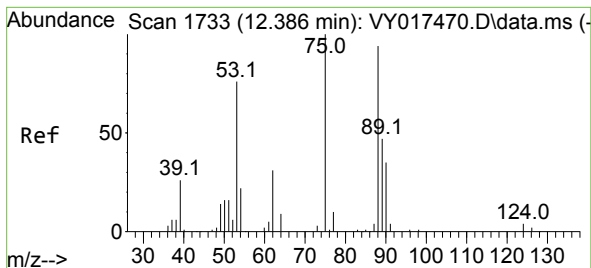
Tgt Ion: 105 Resp: 306094

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.2

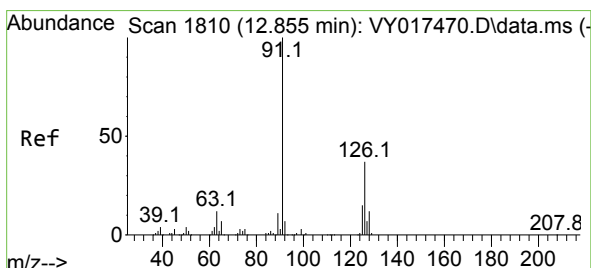
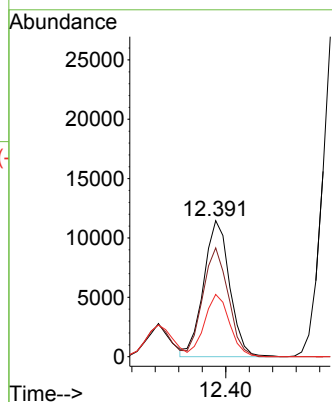
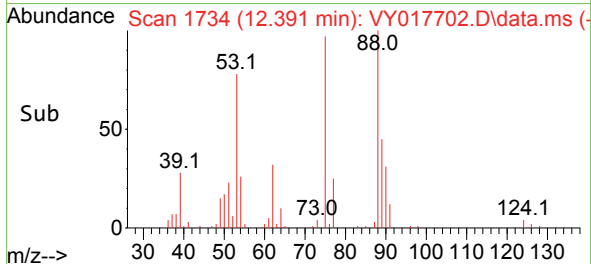
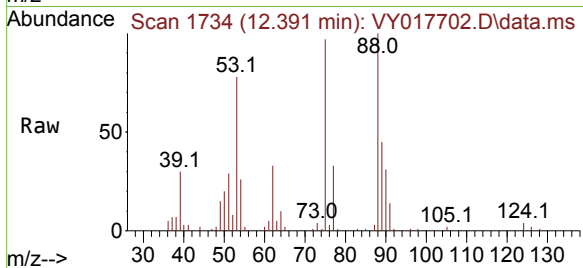




#81
trans-1,4-Dichloro-2-butene
Concen: 47.527 ug/l
RT: 12.391 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

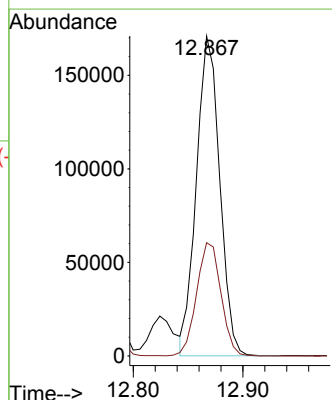
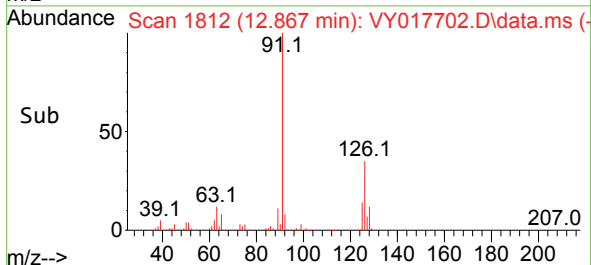
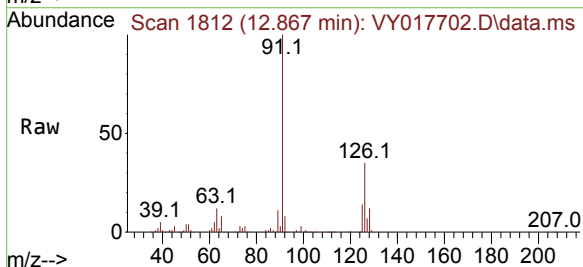
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

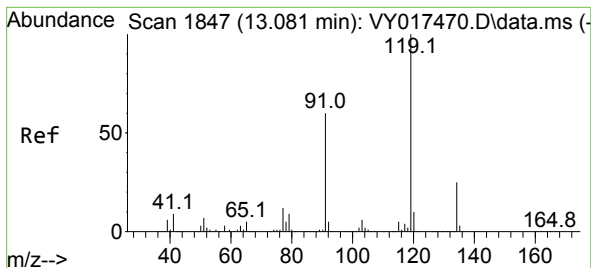
Tgt Ion: 75 Resp: 17661
Ion Ratio Lower Upper
75 100
53 77.6 66.8 100.2
89 44.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 55.092 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.012 min
Lab File: VY017702.D
Acq: 19 Mar 2024 10:35

Tgt Ion: 91 Resp: 252733
Ion Ratio Lower Upper
91 100
126 37.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 58.593 ug/l

RT: 13.086 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

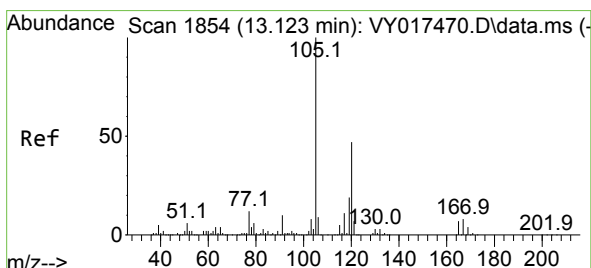
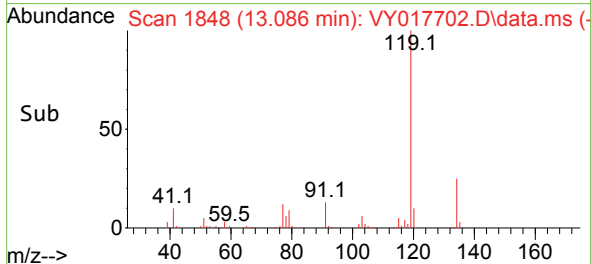
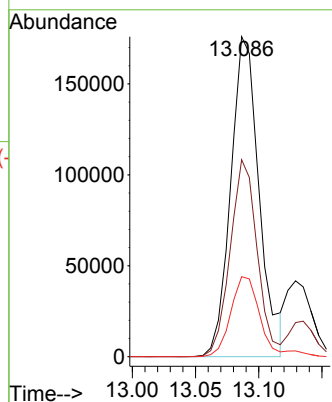
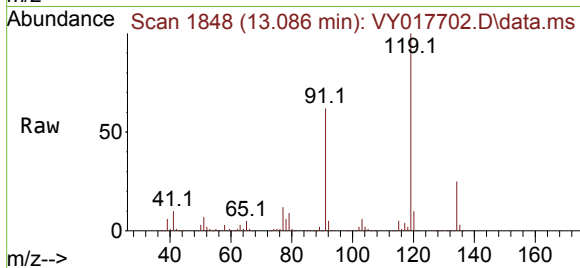
Tgt Ion:119 Resp: 275207

Ion Ratio Lower Upper

119 100

91 58.7 31.3 93.8

134 26.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 57.188 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.012 min

Lab File: VY017702.D

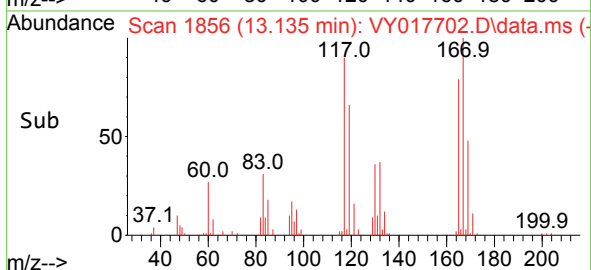
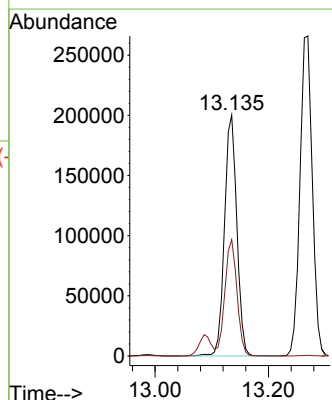
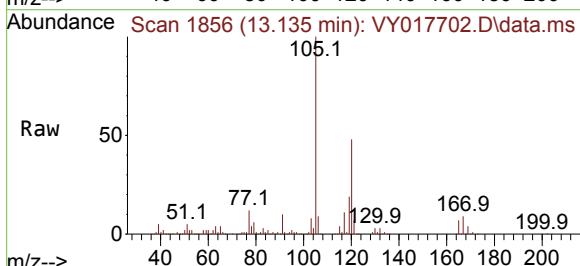
Acq: 19 Mar 2024 10:35

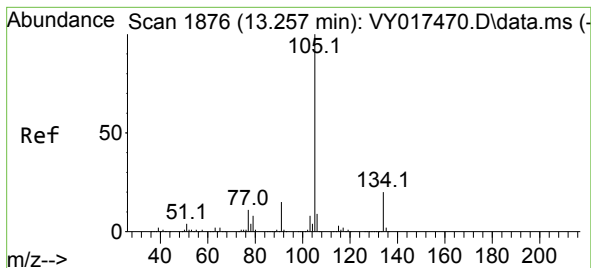
Tgt Ion:105 Resp: 301986

Ion Ratio Lower Upper

105 100

120 47.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.803 ug/l

RT: 13.269 min Scan# 1876

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

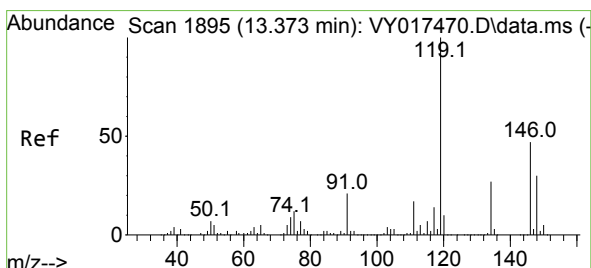
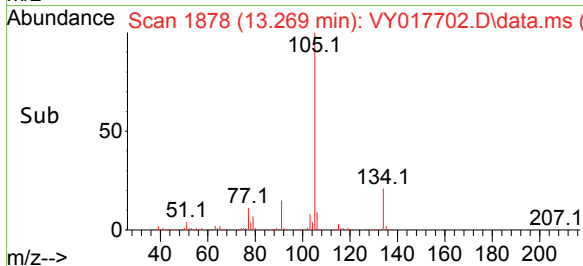
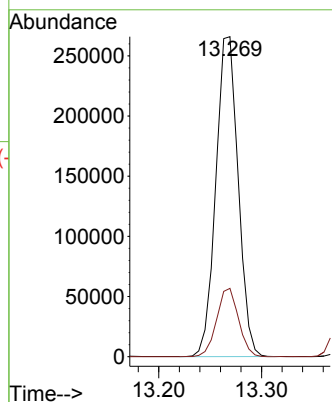
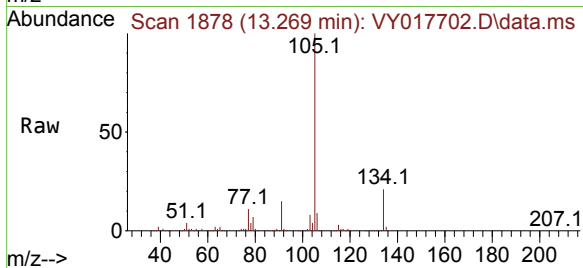
VSTDCCC050

Tgt Ion:105 Resp: 400725

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 56.441 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

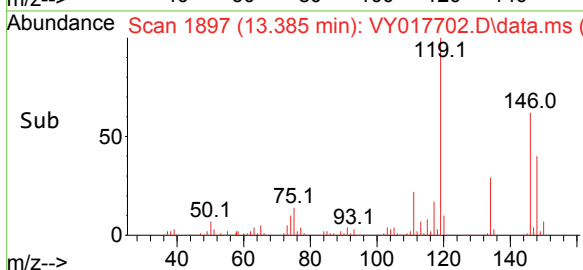
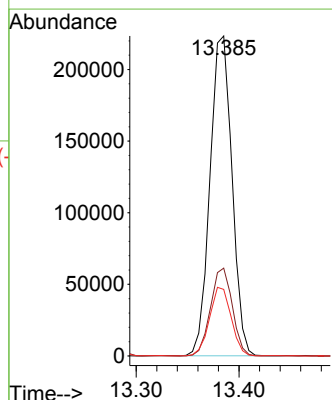
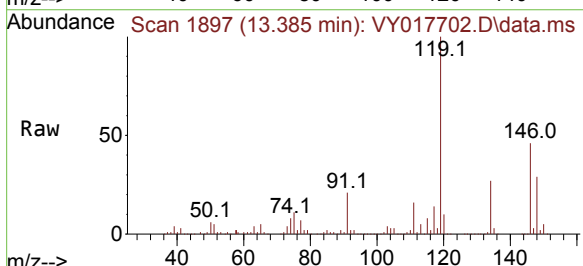
Tgt Ion:119 Resp: 331787

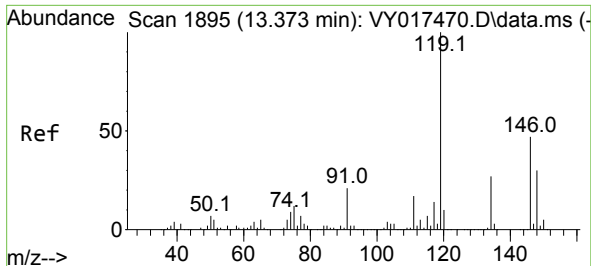
Ion Ratio Lower Upper

119 100

134 27.2 13.1 39.3

91 21.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 55.175 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

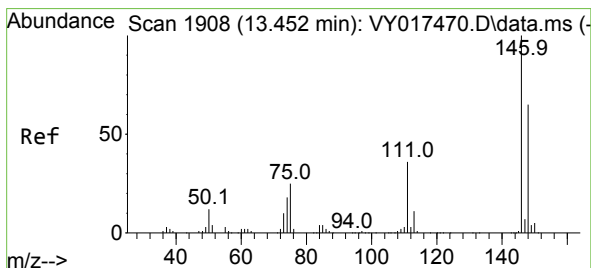
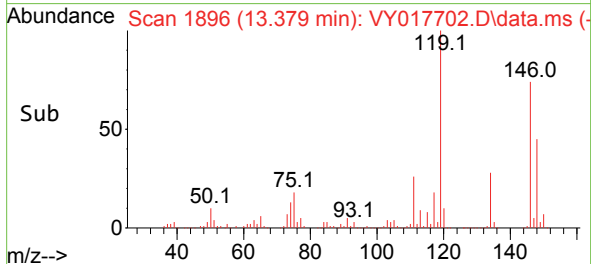
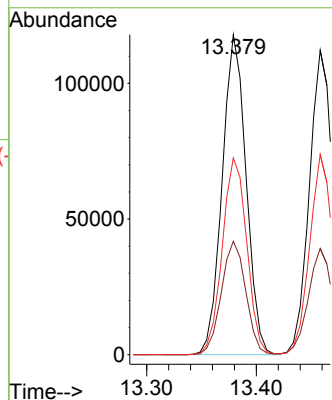
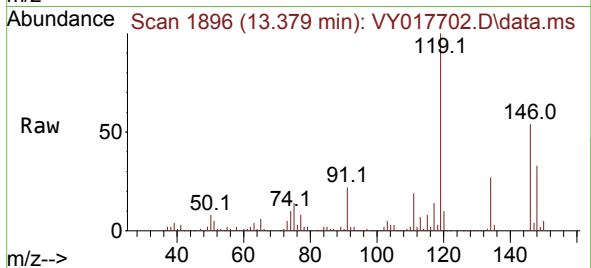
Tgt Ion:146 Resp: 179056

Ion Ratio Lower Upper

146 100

111 36.1 19.0 57.0

148 62.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 53.915 ug/l

RT: 13.458 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

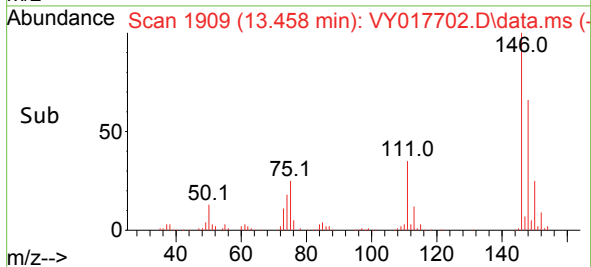
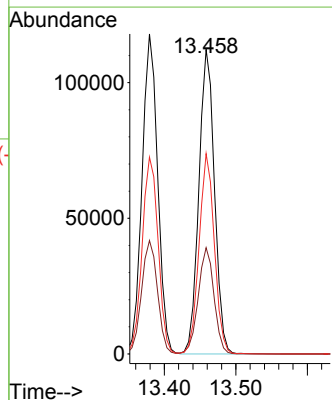
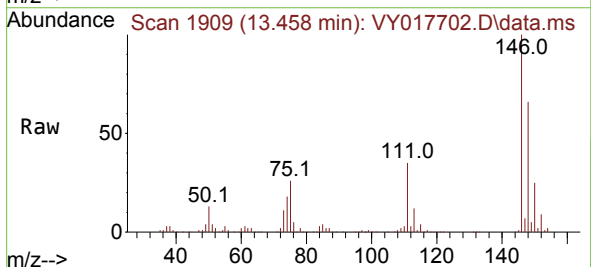
Tgt Ion:146 Resp: 170106

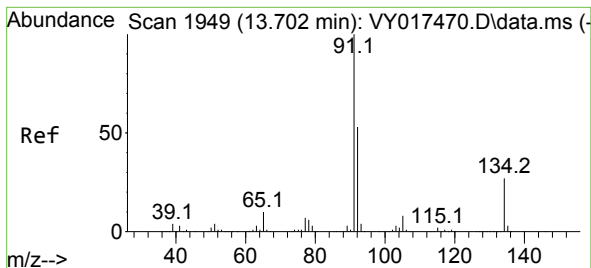
Ion Ratio Lower Upper

146 100

111 35.1 18.4 55.4

148 64.5 32.4 97.2





#89

n-Butylbenzene

Concen: 55.484 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

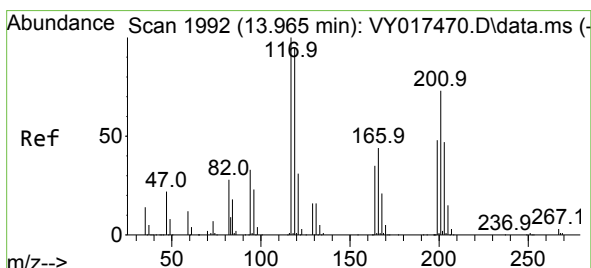
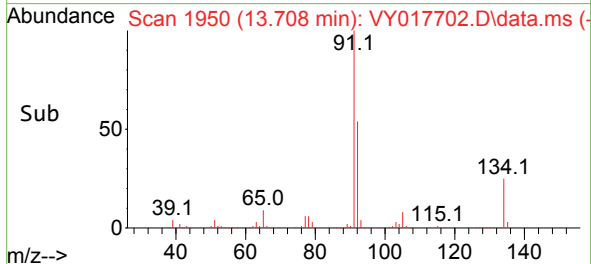
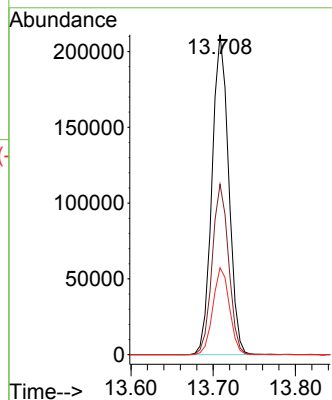
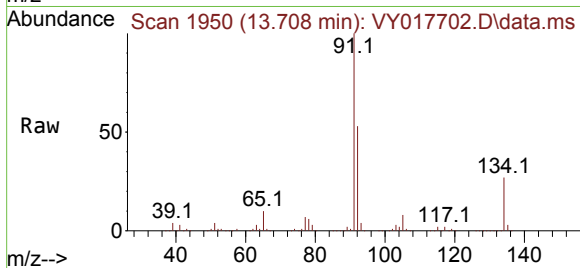
Tgt Ion: 91 Resp: 297579

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 27.0 12.9 38.7



#90

Hexachloroethane

Concen: 55.869 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.012 min

Lab File: VY017702.D

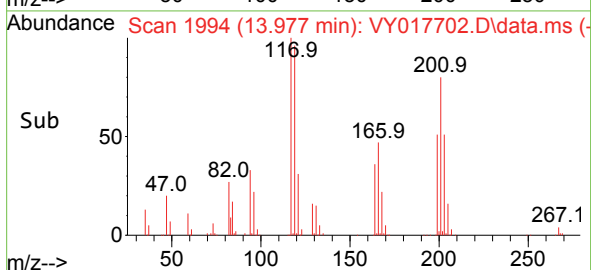
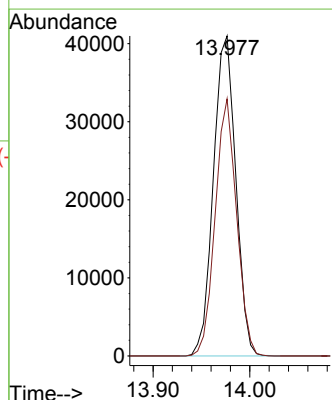
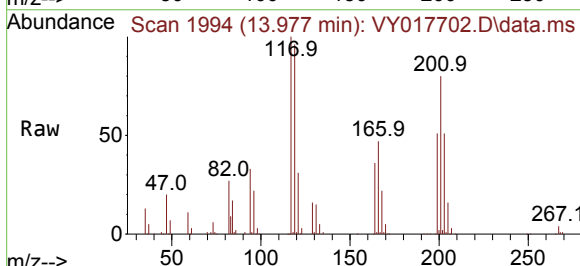
Acq: 19 Mar 2024 10:35

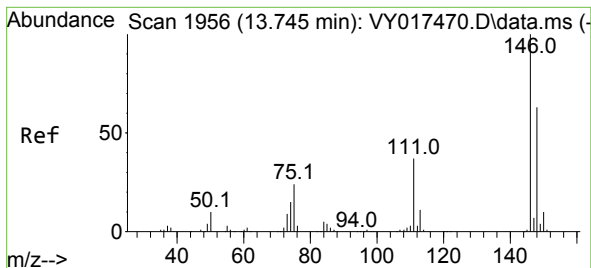
Tgt Ion: 117 Resp: 65843

Ion Ratio Lower Upper

117 100

201 76.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 54.081 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

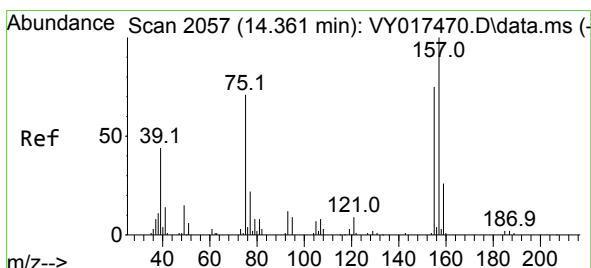
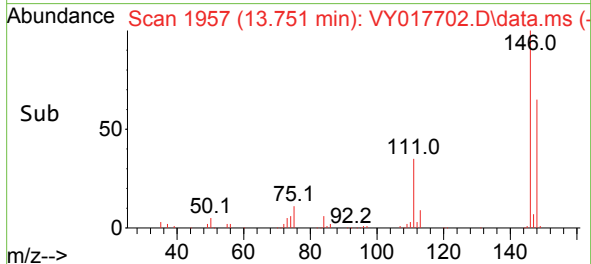
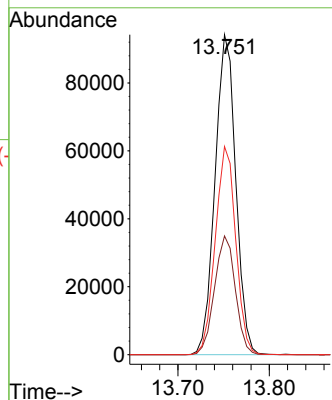
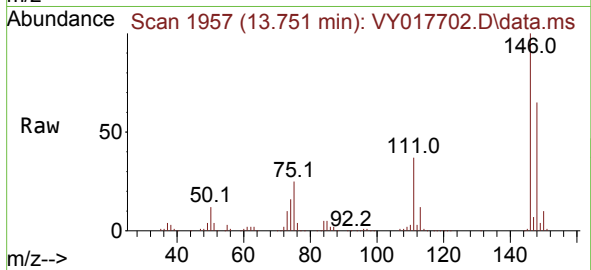
Tgt Ion:146 Resp: 148454

Ion Ratio Lower Upper

146 100

111 37.3 19.9 59.7

148 64.5 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 41.353 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

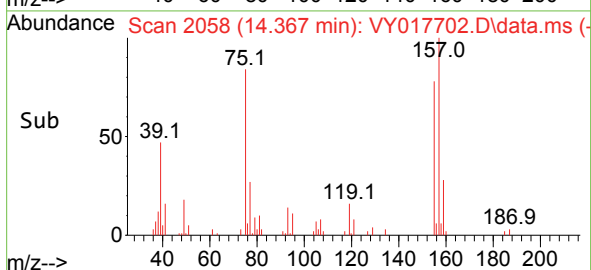
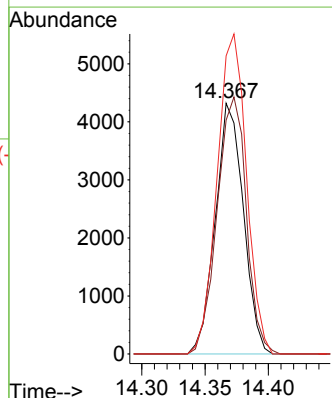
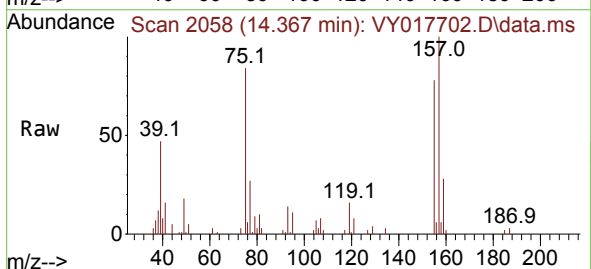
Tgt Ion: 75 Resp: 6665

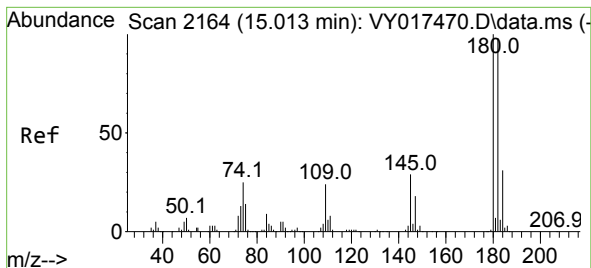
Ion Ratio Lower Upper

75 100

155 106.5 48.6 145.8

157 133.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 52.745 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

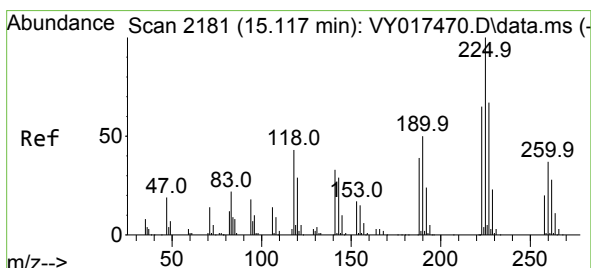
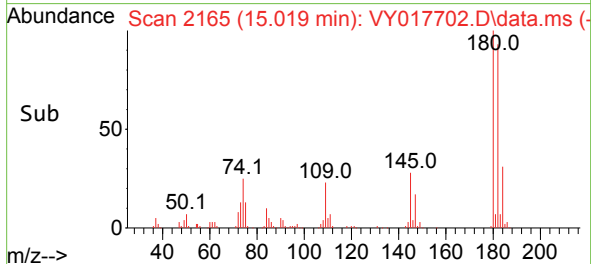
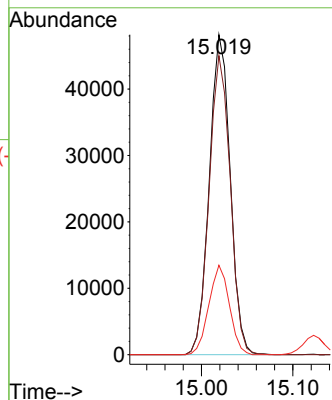
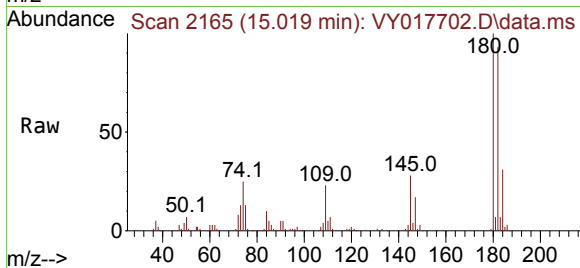
Tgt Ion:180 Resp: 76477

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 27.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.224 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

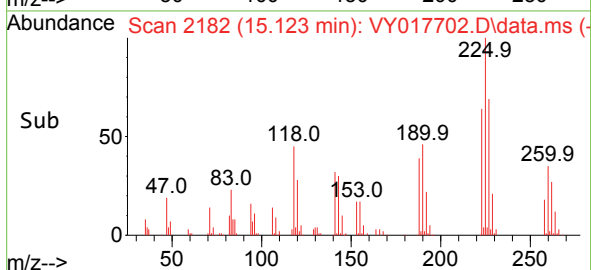
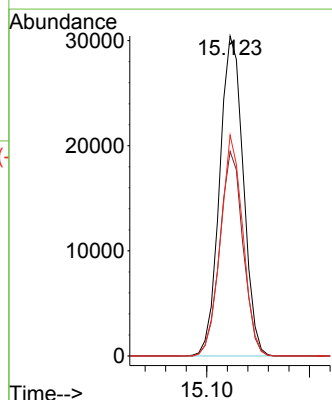
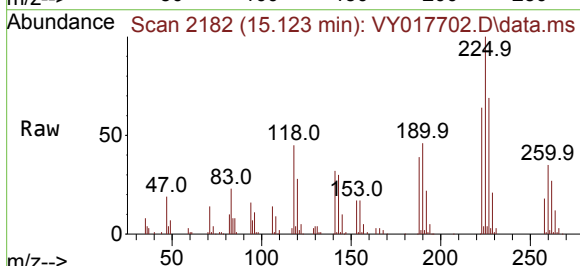
Tgt Ion:225 Resp: 48541

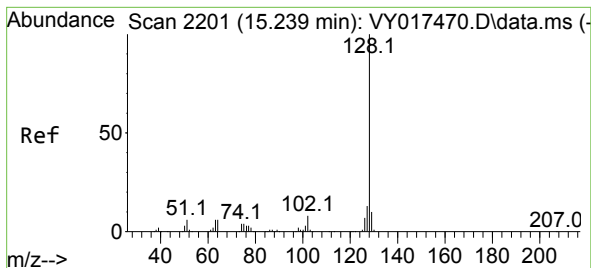
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 65.3 31.9 95.9





#95

Naphthalene

Concen: 41.336 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

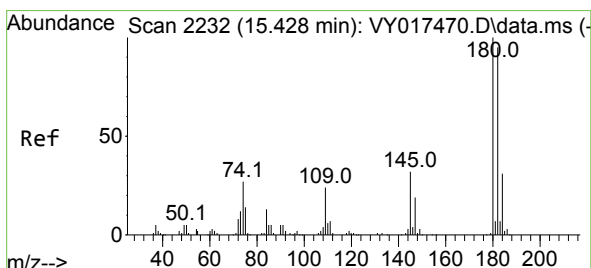
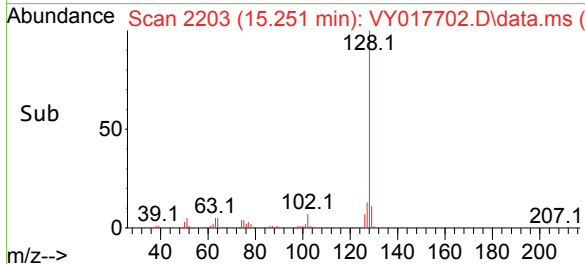
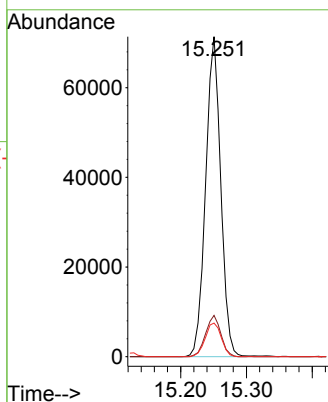
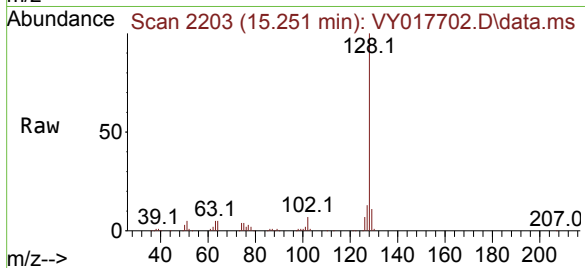
Tgt Ion:128 Resp: 114065

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.162 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY017702.D

Acq: 19 Mar 2024 10:35

Tgt Ion:180 Resp: 62395

Ion Ratio Lower Upper

180 100

182 96.2 47.6 142.9

145 29.8 15.4 46.1

