

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040924\
 Data File : VY017883.D
 Acq On : 09 Apr 2024 10:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 10 04:21:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	176943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	276098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	238319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78665	51.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.760%	
35) Dibromofluoromethane	7.716	113	85933	53.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.720%	
50) Toluene-d8	10.179	98	320994	53.862	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.720%	
62) 4-Bromofluorobenzene	12.483	95	95834	52.854	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	62880	53.138	ug/l	98
3) Chloromethane	2.113	50	132226	57.252	ug/l	99
4) Vinyl Chloride	2.247	62	205460	68.071	ug/l	99
5) Bromomethane	2.650	94	169290	69.367	ug/l	97
6) Chloroethane	2.790	64	146160	74.219	ug/l	99
7) Trichlorofluoromethane	3.119	101	159907	54.326	ug/l	99
8) Diethyl Ether	3.528	74	42679	49.361	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	88107	49.913	ug/l	98
10) Methyl Iodide	4.089	142	103841	54.094	ug/l	98
11) Tert butyl alcohol	4.948	59	27357	242.433	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	83289	50.422	ug/l	98
13) Acrolein	3.729	56	18576	173.166	ug/l	98
14) Allyl chloride	4.473	41	93976	46.374	ug/l	88
15) Acrylonitrile	5.155	53	85392	233.968	ug/l	99
16) Acetone	3.942	43	85256	269.370	ug/l	94
17) Carbon Disulfide	4.192	76	215136	46.023	ug/l	97
18) Methyl Acetate	4.473	43	31904	45.510	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	202925	53.654	ug/l	97
20) Methylene Chloride	4.710	84	90058	46.234	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	91761	51.912	ug/l	97
22) Diisopropyl ether	6.119	45	230739	49.262	ug/l	95
23) Vinyl Acetate	6.058	43	715012	250.024	ug/l	99
24) 1,1-Dichloroethane	6.015	63	157771	50.750	ug/l	99
25) 2-Butanone	6.984	43	112175	248.792	ug/l	99
26) 2,2-Dichloropropane	6.978	77	145113	54.044	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	110459	52.876	ug/l	99
28) Bromochloromethane	7.332	49	62147	49.158	ug/l	96
29) Tetrahydrofuran	7.344	42	62805	232.146	ug/l	97
30) Chloroform	7.503	83	170678	52.914	ug/l	98
31) Cyclohexane	7.789	56	123276	45.703	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	148504	54.093	ug/l	97
36) 1,1-Dichloropropene	7.917	75	121165	52.051	ug/l	97
37) Ethyl Acetate	7.070	43	46936	46.723	ug/l	96
38) Carbon Tetrachloride	7.899	117	130948	54.187	ug/l	99
39) Methylcyclohexane	9.185	83	148556	51.090	ug/l	98
40) Benzene	8.161	78	373574	52.074	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	20379	37.268	ug/l	86
42) 1,2-Dichloroethane	8.234	62	92031	52.121	ug/l	99
43) Isopropyl Acetate	8.271	43	91867	50.392	ug/l	97
44) Trichloroethene	8.941	130	97945	52.477	ug/l	98
45) 1,2-Dichloropropane	9.216	63	83470	50.072	ug/l	98
46) Dibromomethane	9.307	93	49313	52.069	ug/l	98
47) Bromodichloromethane	9.496	83	127723	53.373	ug/l	95
48) Methyl methacrylate	9.295	41	38477	49.786	ug/l #	89
49) 1,4-Dioxane	9.301	88	11558	1087.099	ug/l #	99
51) 4-Methyl-2-Pentanone	10.069	43	243249	266.679	ug/l	100
52) Toluene	10.246	92	232412	53.410	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	113375	53.358	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	135537	52.265	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	66165	52.431	ug/l	96
56) Ethyl methacrylate	10.508	69	84399	53.790	ug/l #	95
57) 1,3-Dichloropropane	10.789	76	110528	51.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	204668	259.527	ug/l	99
59) 2-Hexanone	10.831	43	178265	273.246	ug/l	99
60) Dibromochloromethane	10.984	129	84725	53.231	ug/l	99
61) 1,2-Dibromoethane	11.087	107	59502	51.709	ug/l	98
64) Tetrachloroethene	10.721	164	107040	51.495	ug/l	98
65) Chlorobenzene	11.514	112	254667	52.093	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	89697	54.036	ug/l	99
67) Ethyl Benzene	11.593	91	457107	54.391	ug/l	99
68) m/p-Xylenes	11.703	106	352306	110.539	ug/l	100
69) o-Xylene	12.032	106	165717	60.446	ug/l	100
70) Styrene	12.044	104	279177	59.326	ug/l	100
71) Bromoform	12.209	173	47698	51.839	ug/l #	98
73) Isopropylbenzene	12.331	105	435544	55.582	ug/l	99
74) N-amyl acetate	12.142	43	80890	53.923	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	68372	50.440	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	91872	90.164	ug/l #	100
77) Bromobenzene	12.611	156	97444	52.213	ug/l	98
78) n-propylbenzene	12.672	91	526525	55.066	ug/l	100
79) 2-Chlorotoluene	12.758	91	275198	52.544	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	337238	55.145	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	23548	53.294	ug/l	98
82) 4-Chlorotoluene	12.855	91	280621	51.745	ug/l	97
83) tert-Butylbenzene	13.075	119	309349	55.638	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	338537	55.582	ug/l	100
85) sec-Butylbenzene	13.252	105	475907	57.028	ug/l	100
86) p-Isopropyltoluene	13.373	119	397415	56.974	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	195851	52.886	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	185063	52.210	ug/l	99
89) n-Butylbenzene	13.697	91	373899	58.261	ug/l	98
90) Hexachloroethane	13.959	117	74679	53.841	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	160679	52.344	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9522	51.983	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	92999	55.312	ug/l	100
94) Hexachlorobutadiene	15.111	225	53820	52.804	ug/l	99
95) Naphthalene	15.239	128	164727	58.137	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	76862	54.119	ug/l	97

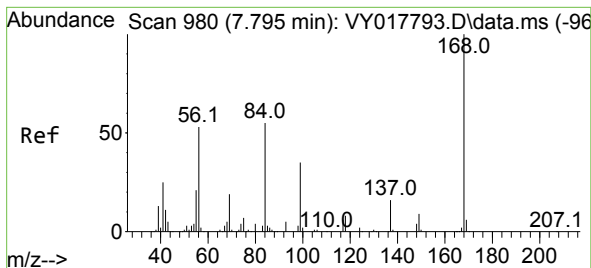
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Response via : Initial Calibration

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: 7.789 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

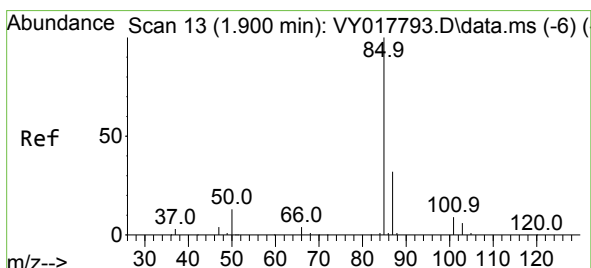
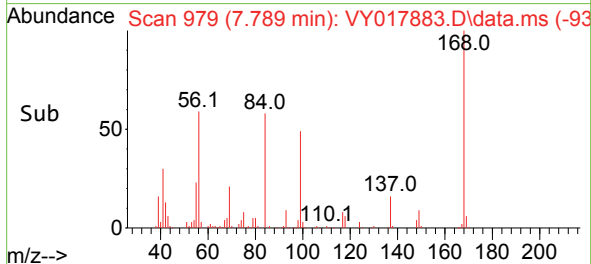
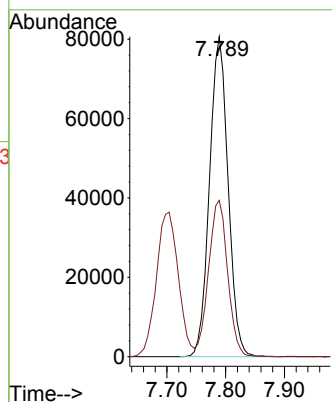
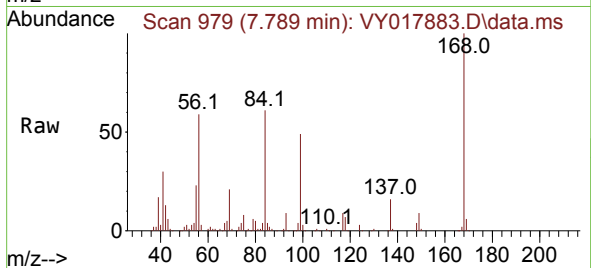
VSTDCCC050

Tgt Ion:168 Resp: 176943

Ion Ratio Lower Upper

168 100

99 48.8 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 53.138 ug/l

RT: 1.900 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY017883.D

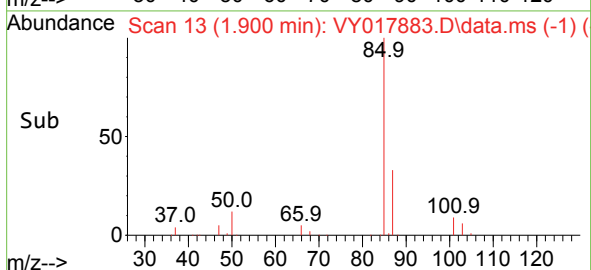
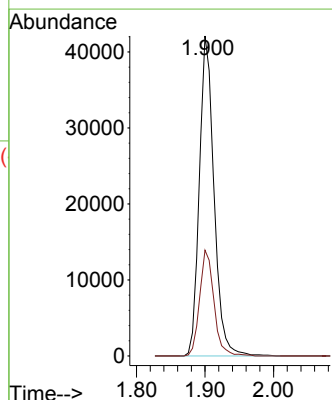
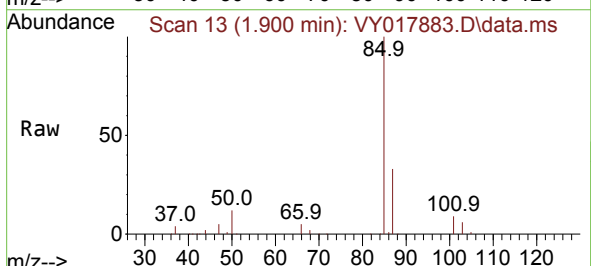
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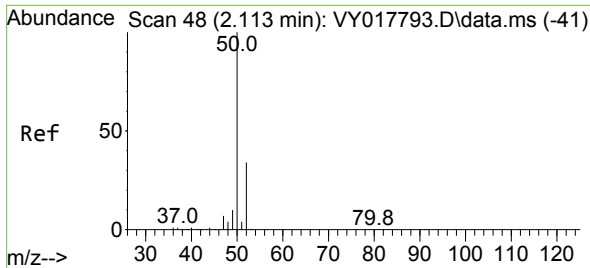
Tgt Ion: 85 Resp: 62880

Ion Ratio Lower Upper

85 100

87 33.1 16.0 48.0

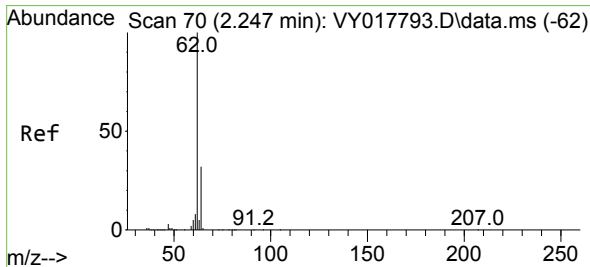
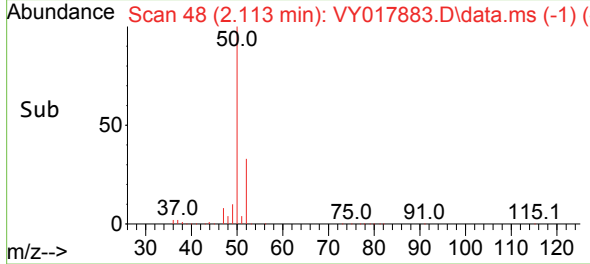
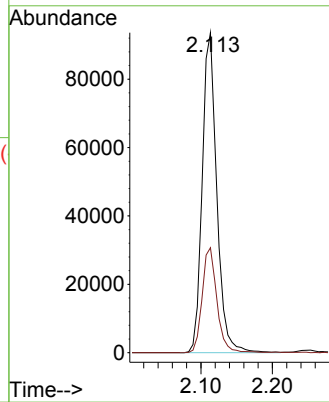
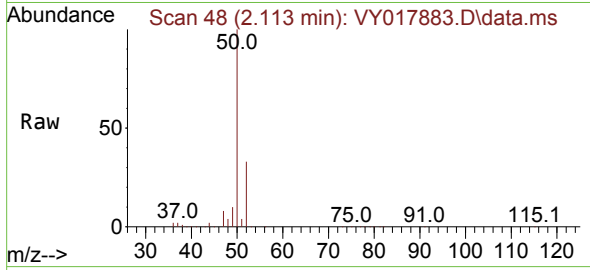




#3
Chloromethane
Concen: 57.252 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

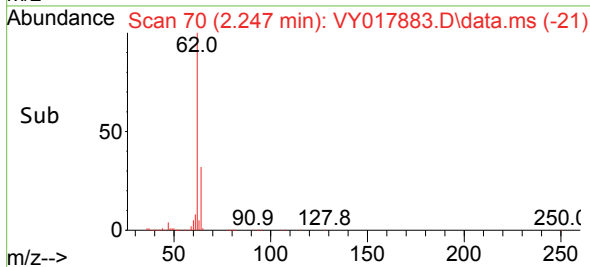
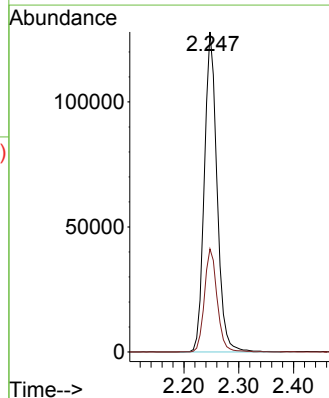
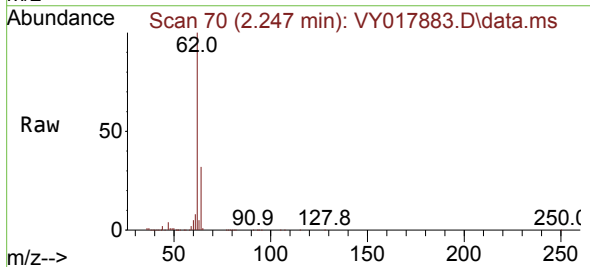
Instrument :
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ClientSampleId :
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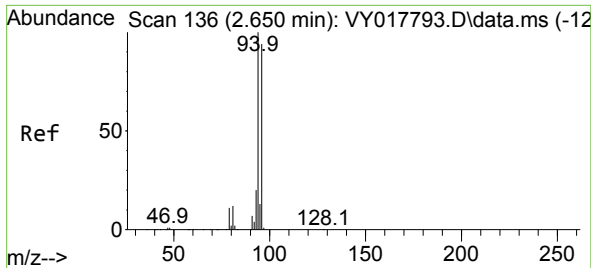
Tgt Ion: 50 Resp: 132226
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 68.071 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 62 Resp: 205460
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

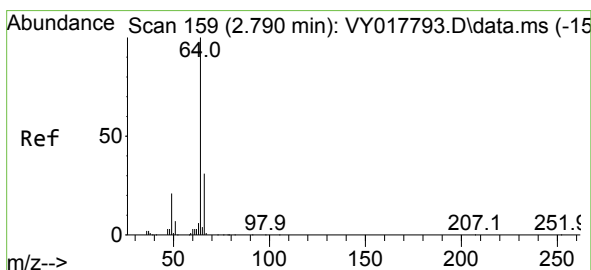
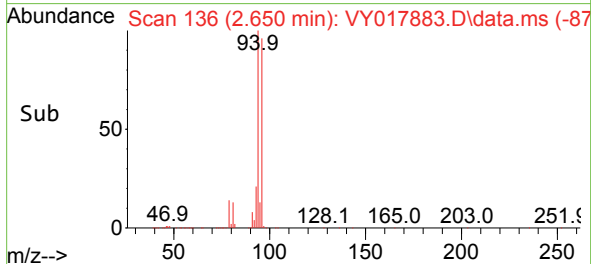
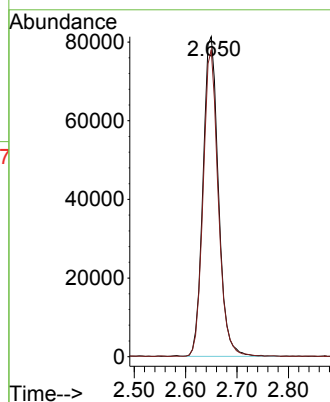
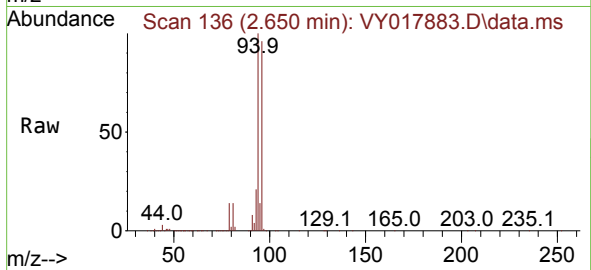




#5
Bromomethane
Concen: 69.367 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

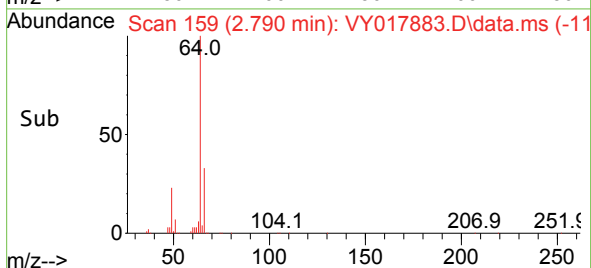
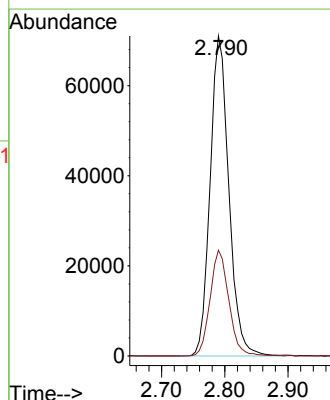
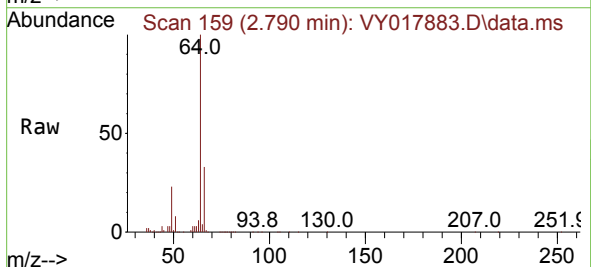
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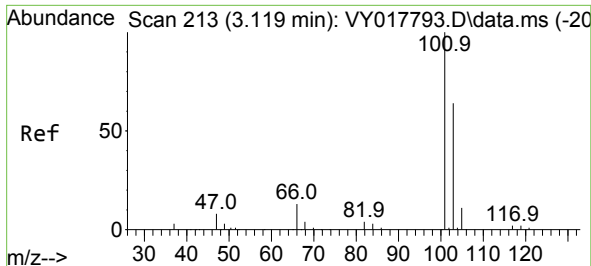
Tgt Ion: 94 Resp: 169290
Ion Ratio Lower Upper
94 100
96 95.8 74.1 111.1



#6
Chloroethane
Concen: 74.219 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 64 Resp: 146160
Ion Ratio Lower Upper
64 100
66 33.0 26.1 39.1

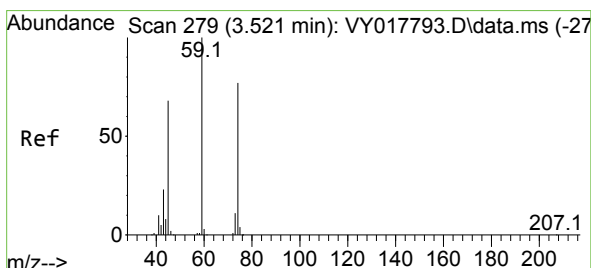
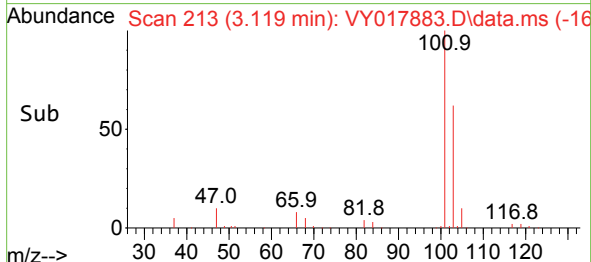
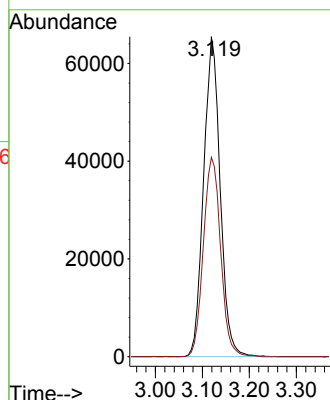
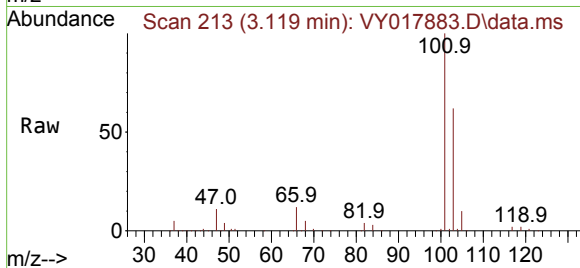




#7
Trichlorofluoromethane
Concen: 54.326 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY017883.D
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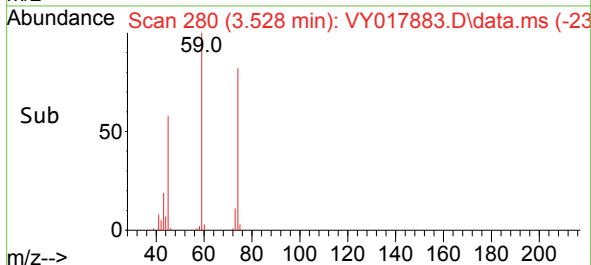
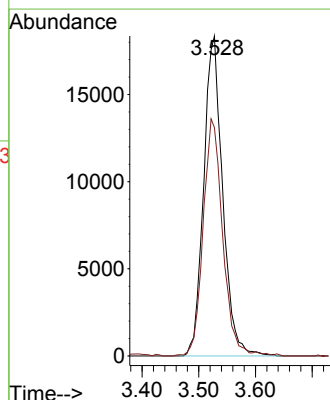
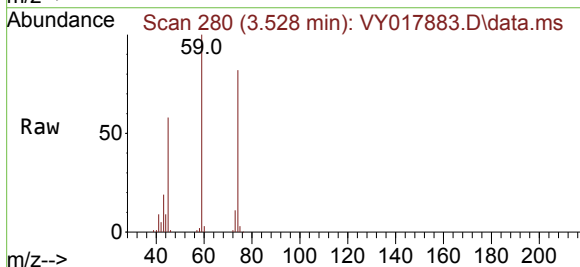
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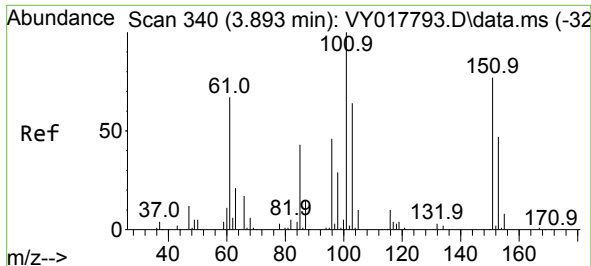
Tgt Ion:101 Resp: 159907
Ion Ratio Lower Upper
101 100
103 62.3 49.3 73.9



#8
Diethyl Ether
Concen: 49.361 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 74 Resp: 42679
Ion Ratio Lower Upper
74 100
45 75.7 41.3 124.1

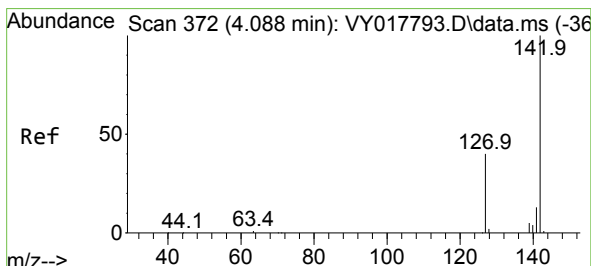
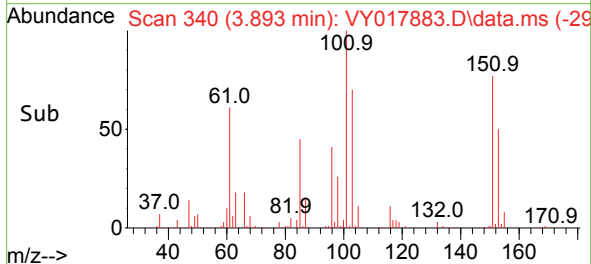
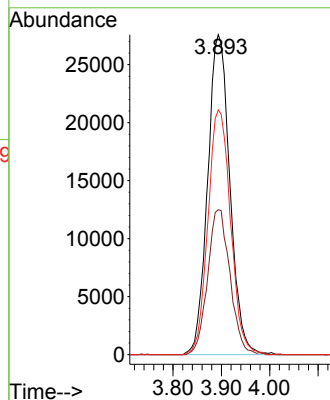
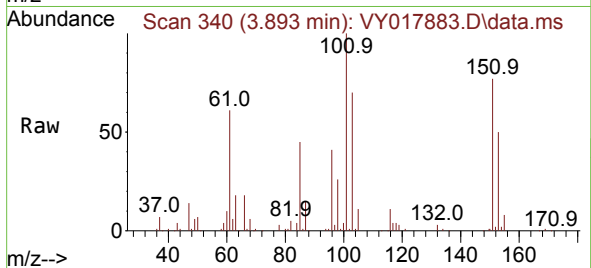




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.913 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
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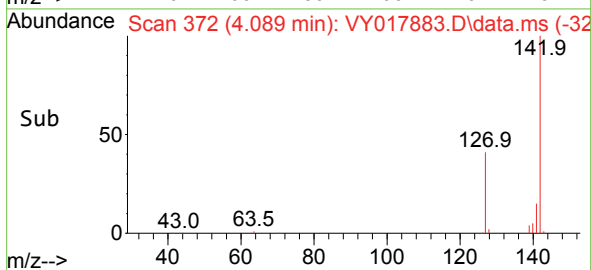
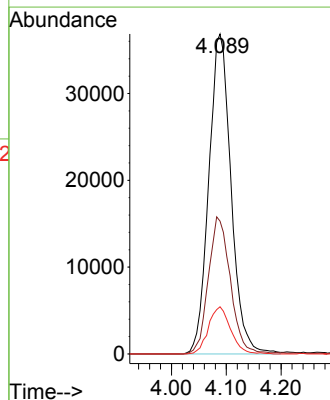
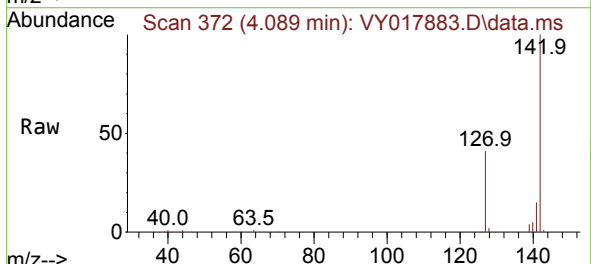
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ClientSampleId :
VSTDCCC050

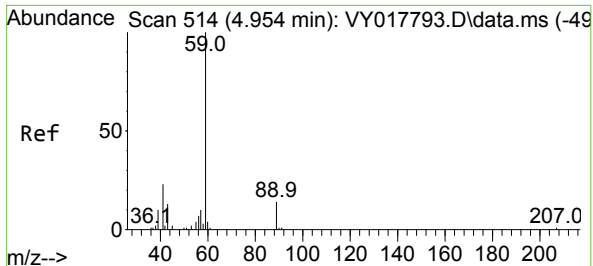
Tgt Ion:101 Resp: 88107
Ion Ratio Lower Upper
101 100
85 45.6 34.5 51.7
151 77.9 61.7 92.5



#10
Methyl Iodide
Concen: 54.094 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.001 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion:142 Resp: 103841
Ion Ratio Lower Upper
142 100
127 42.4 32.8 49.2
141 14.7 11.4 17.2

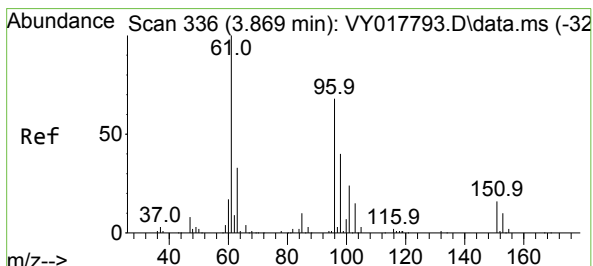
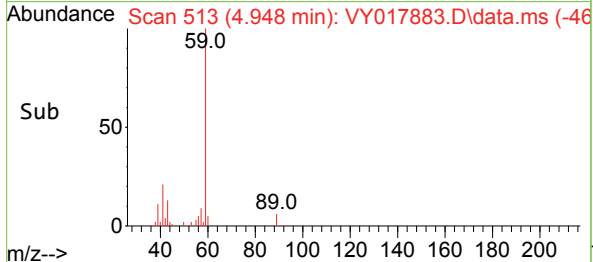
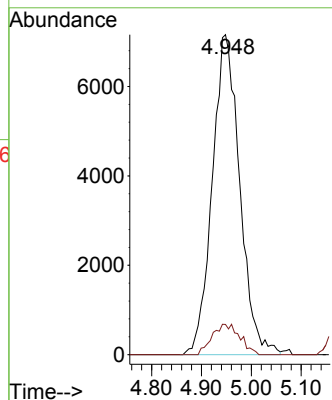
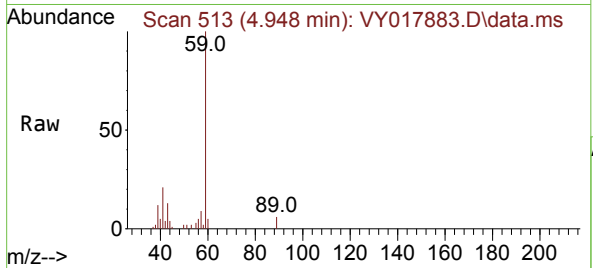




#11
Tert butyl alcohol
Concen: 242.433 ug/l
RT: 4.948 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

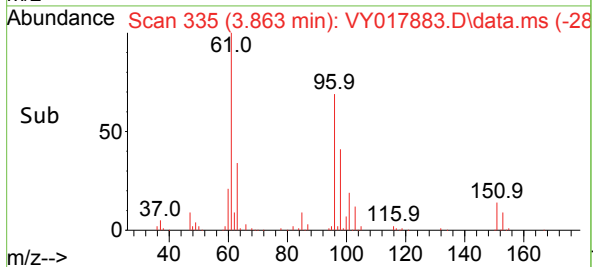
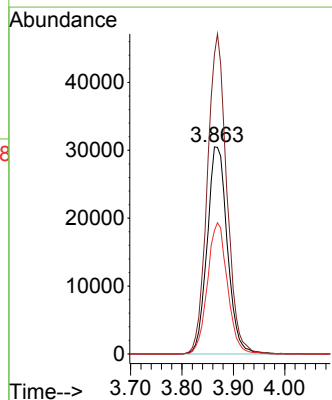
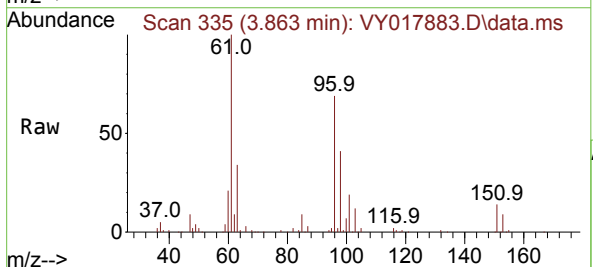
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

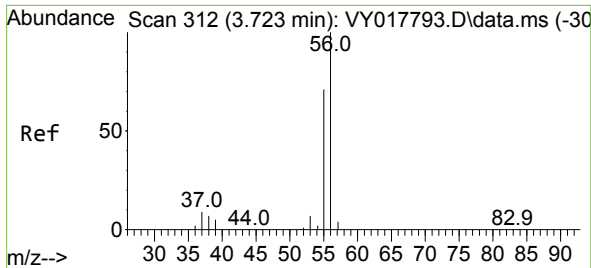
Tgt Ion: 59 Resp: 27357
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.422 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 96 Resp: 83289
Ion Ratio Lower Upper
96 100
61 144.6 114.6 171.8
98 59.6 50.8 76.2





#13

Acrolein

Concen: 173.166 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

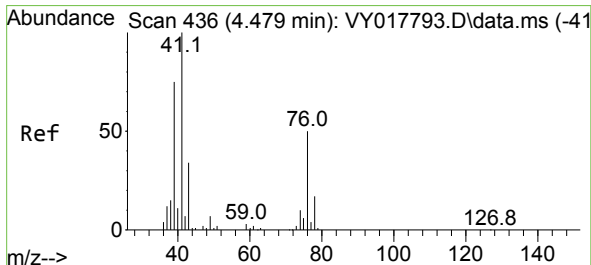
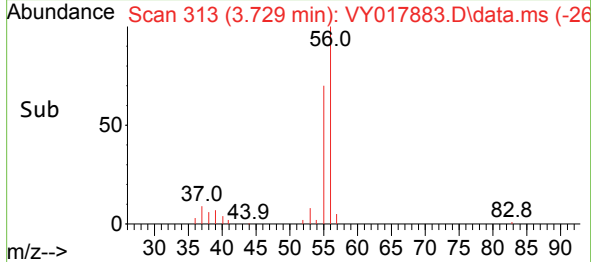
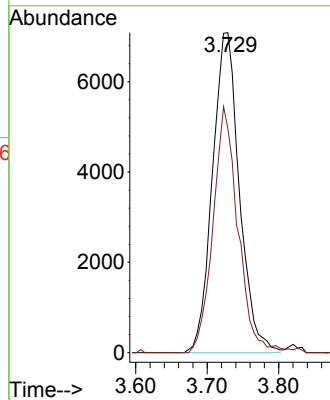
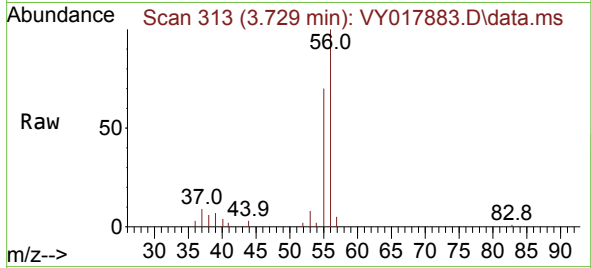
VSTDCCC050

Tgt Ion: 56 Resp: 18576

Ion Ratio Lower Upper

56 100

55 71.5 55.7 83.5



#14

Allyl chloride

Concen: 46.374 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

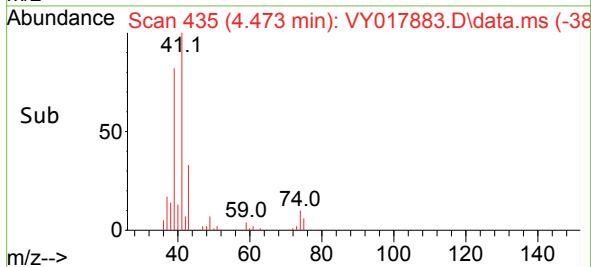
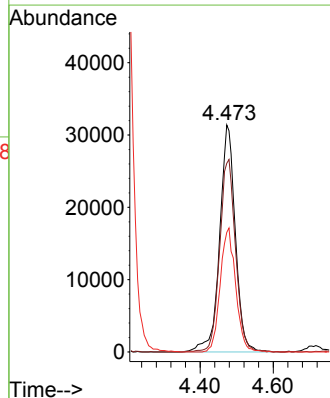
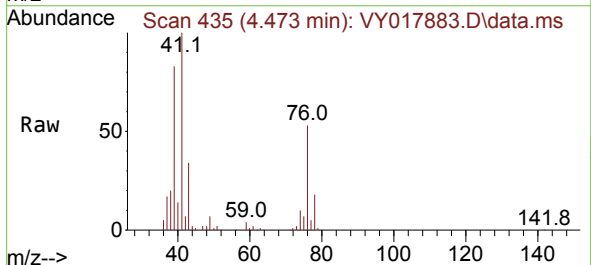
Tgt Ion: 41 Resp: 93976

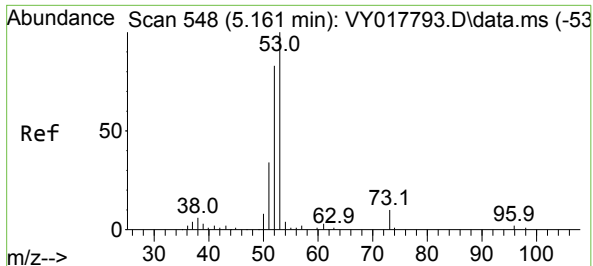
Ion Ratio Lower Upper

41 100

39 86.1 58.3 87.5

76 53.6 39.0 58.6

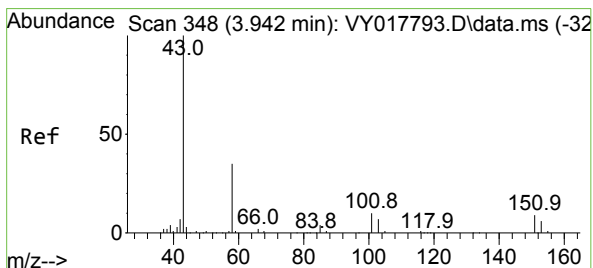
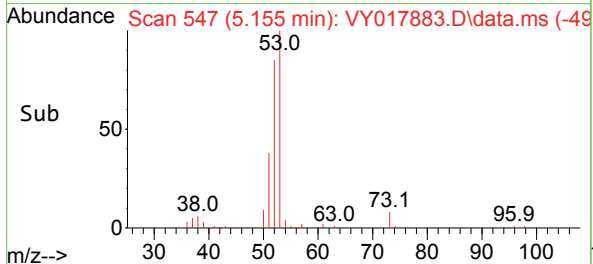
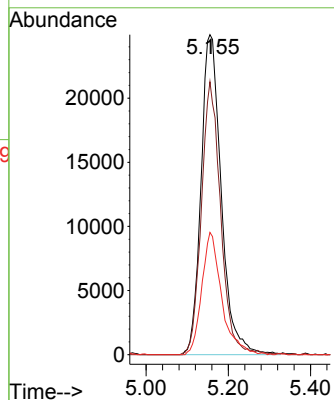
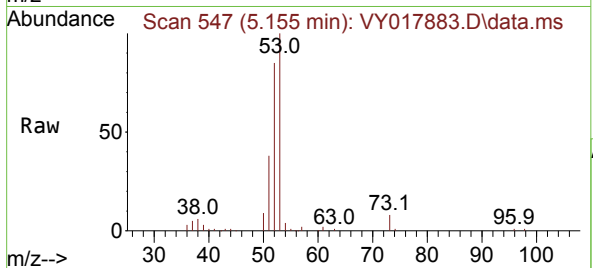




#15
Acrylonitrile
Concen: 233.968 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

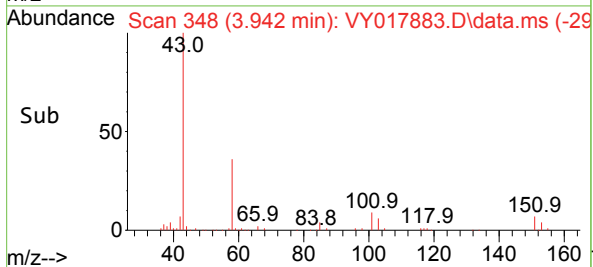
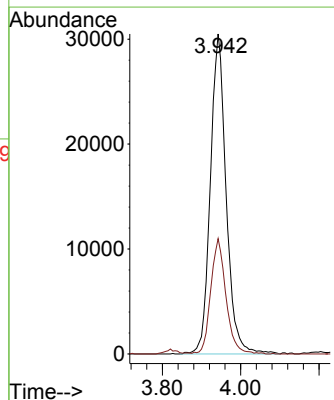
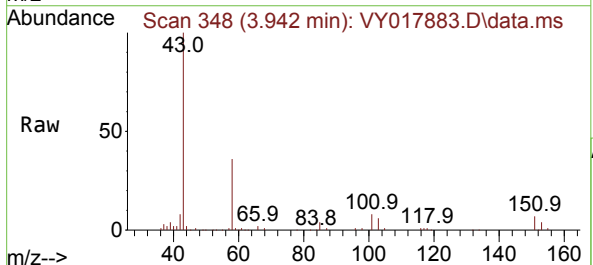
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

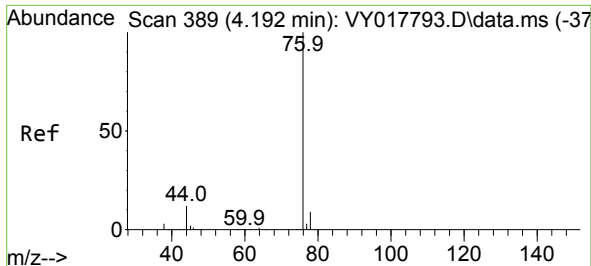
Tgt Ion: 53	Resp: 85392
Ion Ratio	Lower Upper
53 100	
52 81.1	64.7 97.1
51 37.7	28.4 42.6



#16
Acetone
Concen: 269.370 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 43	Resp: 85256
Ion Ratio	Lower Upper
43 100	
58 36.1	31.7 47.5

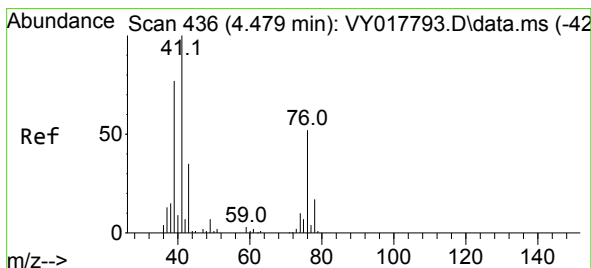
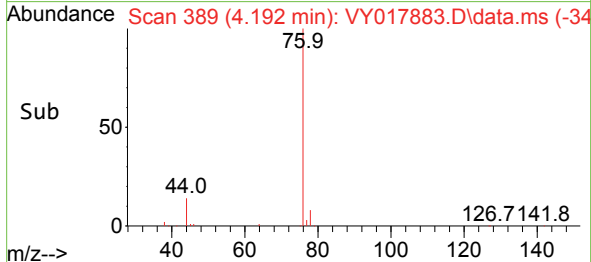
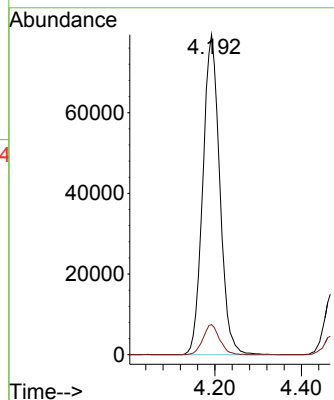
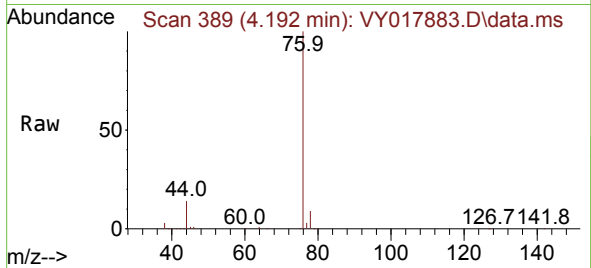




#17
Carbon Disulfide
Concen: 46.023 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

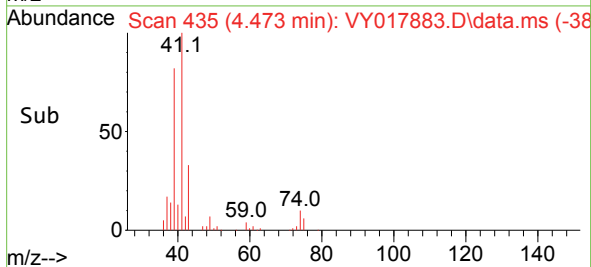
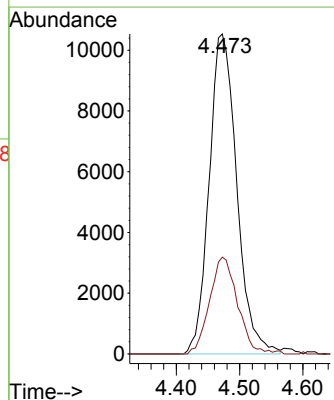
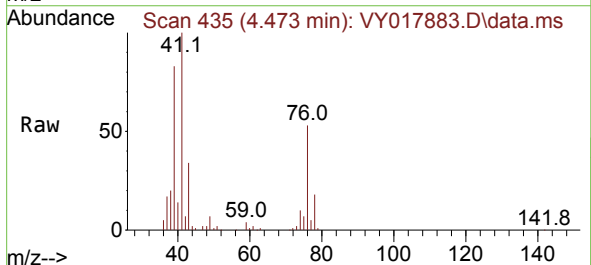
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

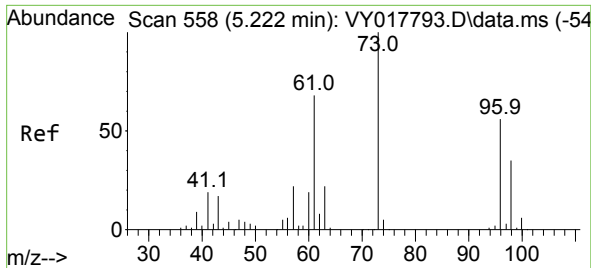
Tgt Ion: 76 Resp: 215136
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 45.510 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 43 Resp: 31904
Ion Ratio Lower Upper
43 100
74 30.8 23.3 34.9

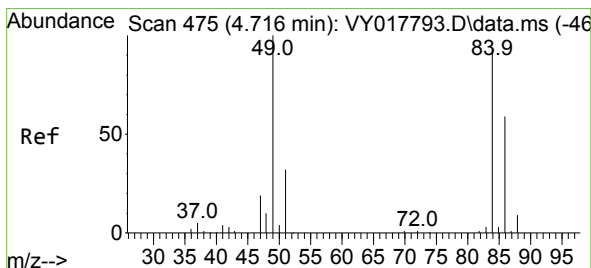
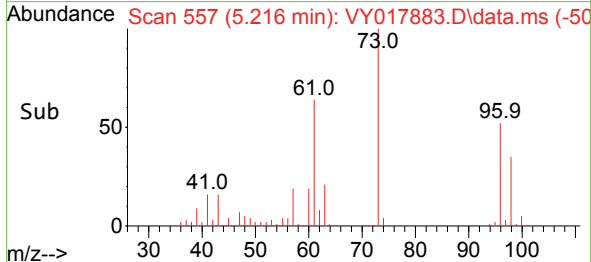
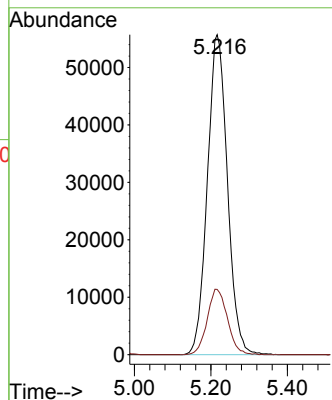
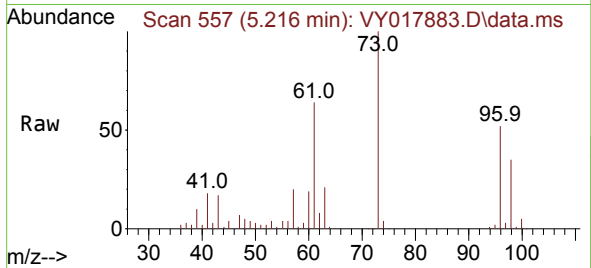




#19
Methyl tert-butyl Ether
Concen: 53.654 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

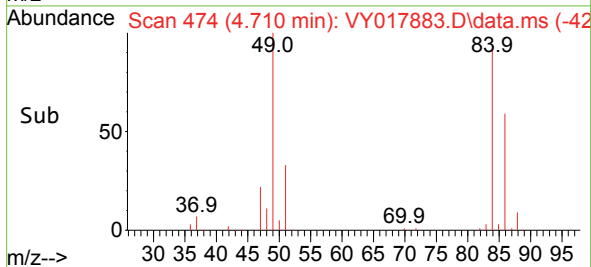
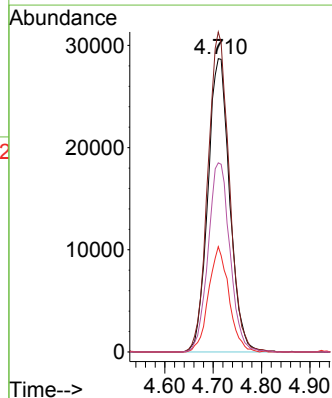
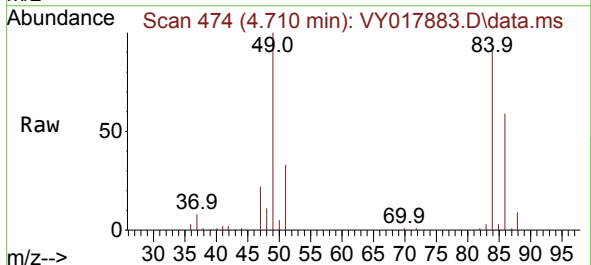
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

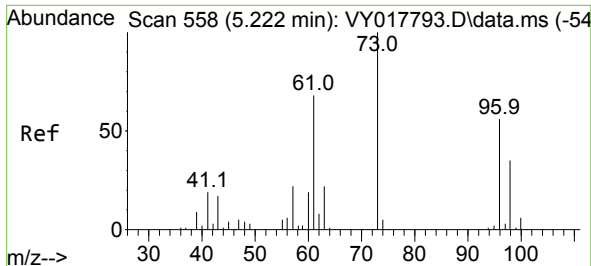
Tgt Ion: 73 Resp: 202925
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 46.234 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 84 Resp: 90058
Ion Ratio Lower Upper
84 100
49 109.1 84.4 126.6
51 35.9 26.0 39.0
86 64.4 49.5 74.3

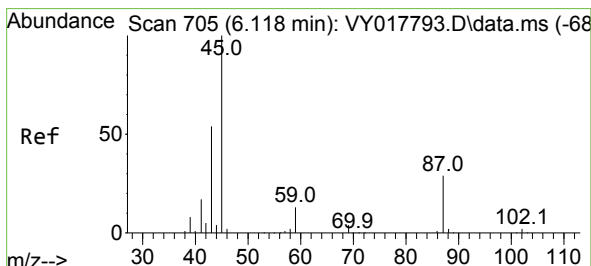
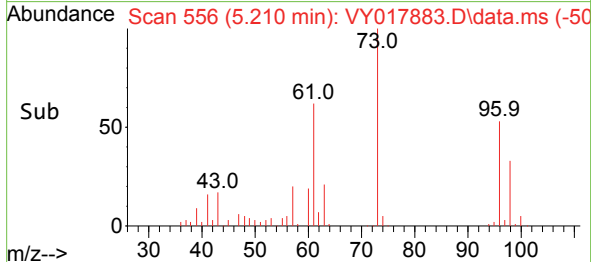
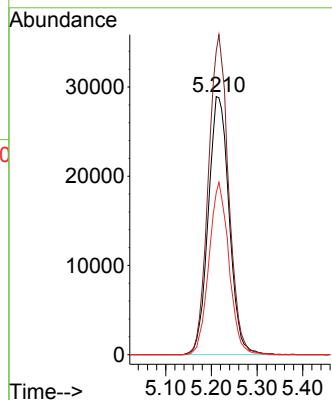
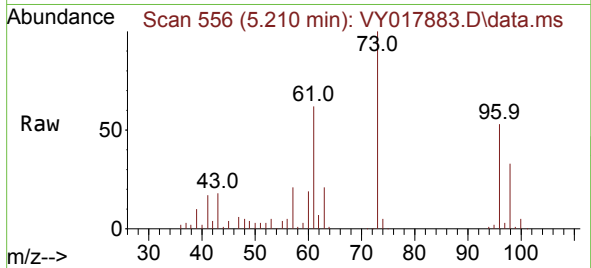




#21
trans-1,2-Dichloroethene
Concen: 51.912 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

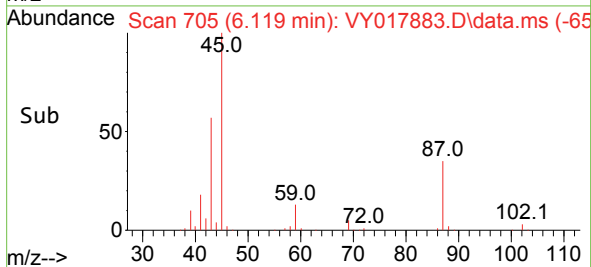
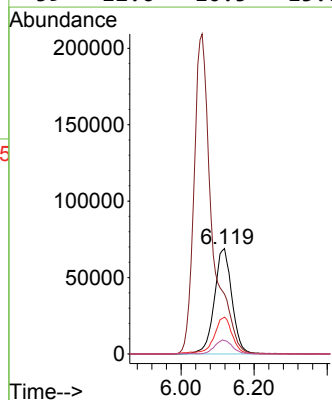
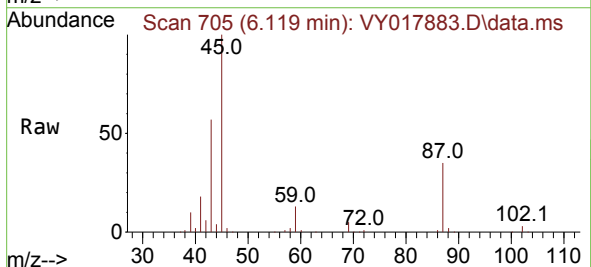
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

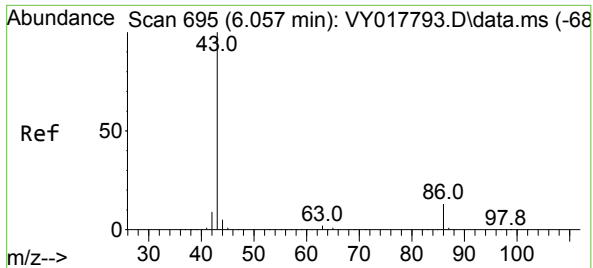
Tgt Ion: 96 Resp: 91761
Ion Ratio Lower Upper
96 100
61 117.6 97.5 146.3
98 62.7 50.5 75.7



#22
Diisopropyl ether
Concen: 49.262 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 45 Resp: 230739
Ion Ratio Lower Upper
45 100
43 56.4 42.2 63.2
87 34.8 25.0 37.6
59 12.6 10.5 15.7

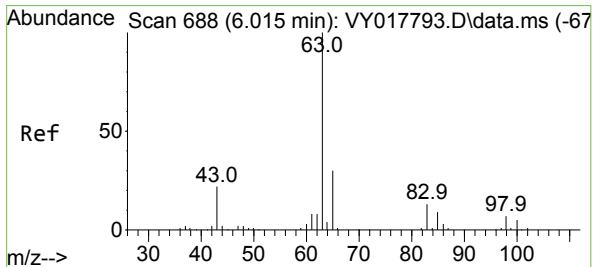
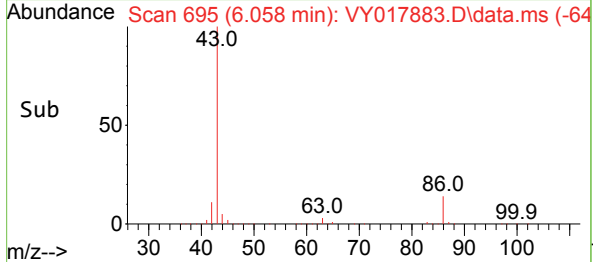
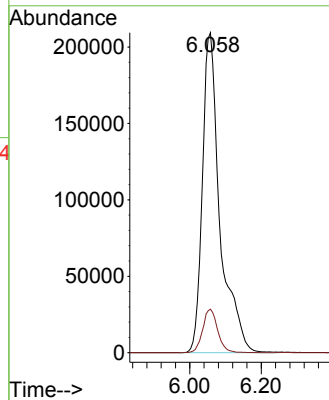
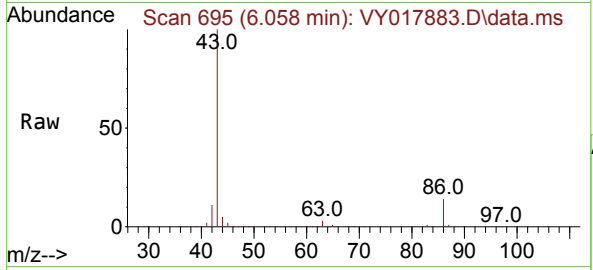




#23
 Vinyl Acetate
 Concen: 250.024 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY017883.D
 Acq: 09 Apr 2024 10:07

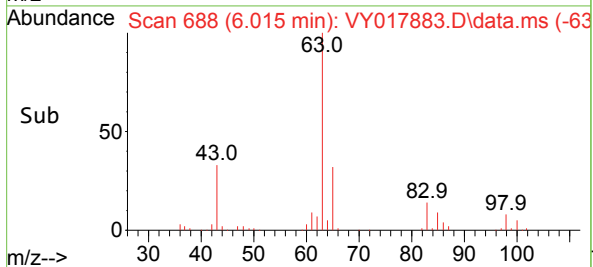
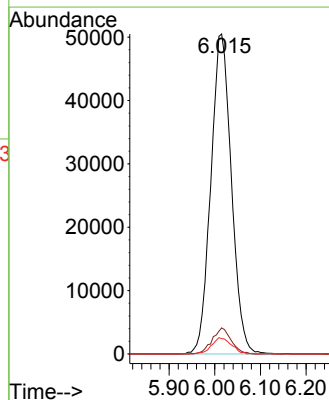
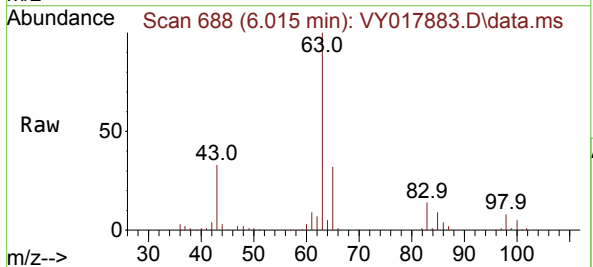
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

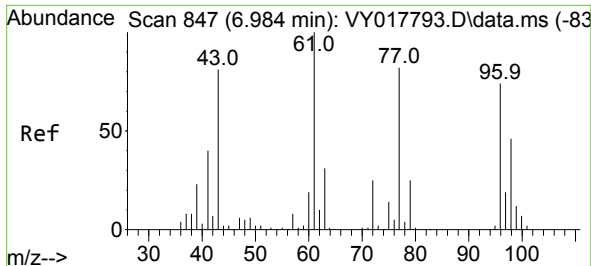
Tgt Ion: 43 Resp: 715012
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 50.750 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY017883.D
 Acq: 09 Apr 2024 10:07

Tgt Ion: 63 Resp: 157771
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 4.8 2.6 8.0





#25

2-Butanone

Concen: 248.792 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

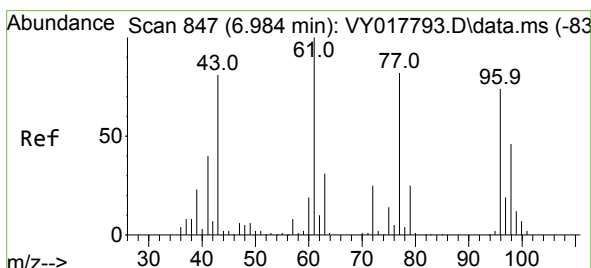
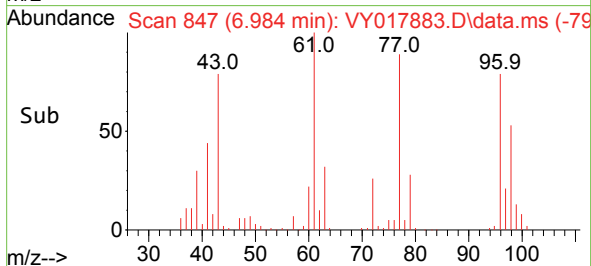
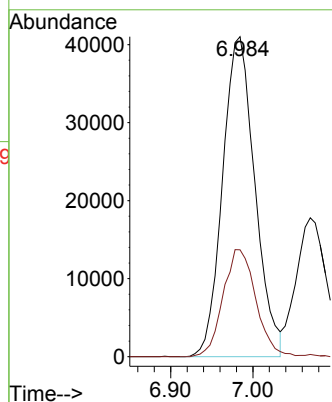
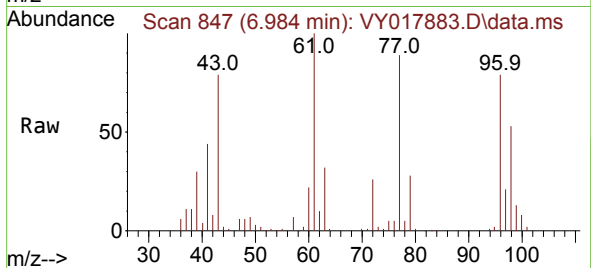
VSTDCCC050

Tgt Ion: 43 Resp: 112175

Ion Ratio Lower Upper

43 100

72 33.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 54.044 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY017883.D

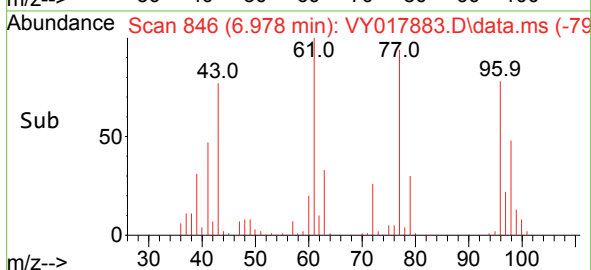
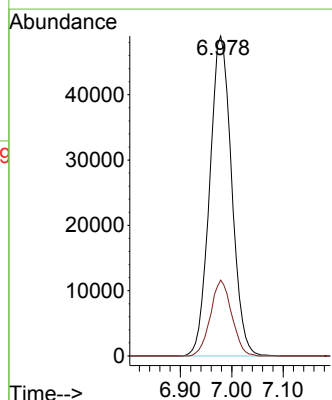
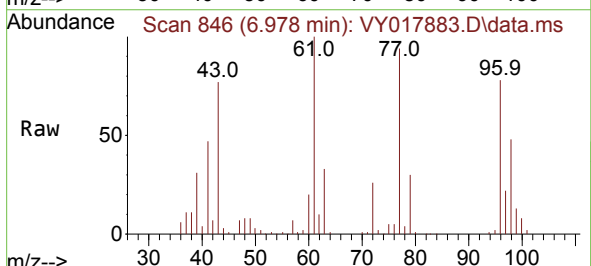
Acq: 09 Apr 2024 10:07

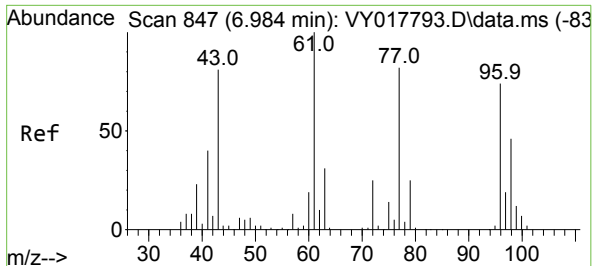
Tgt Ion: 77 Resp: 145113

Ion Ratio Lower Upper

77 100

97 23.0 12.0 36.1



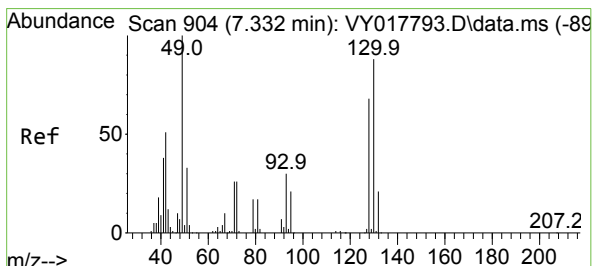
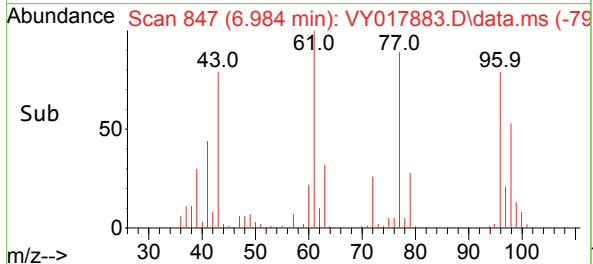
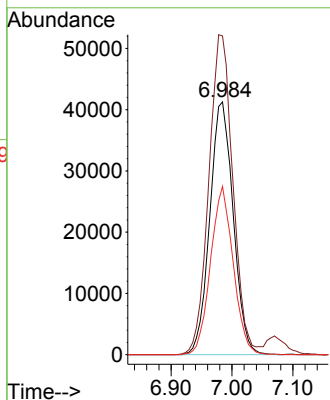
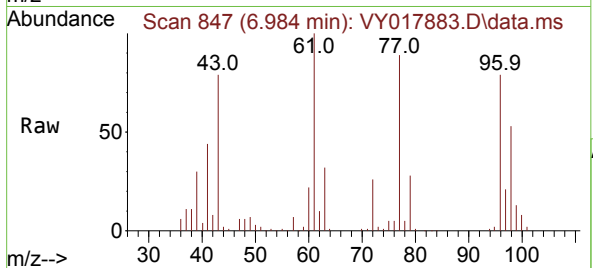


#27
 cis-1,2-Dichloroethene
 Concen: 52.876 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY017883.D
 Acq: 09 Apr 2024 10:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 110459

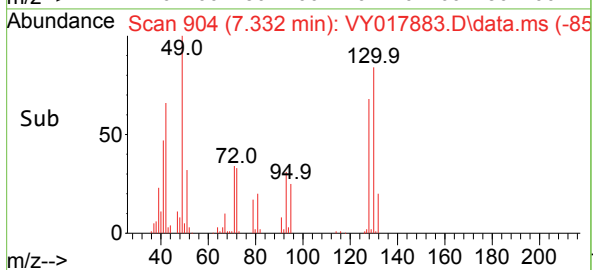
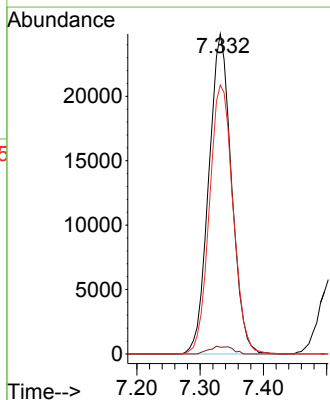
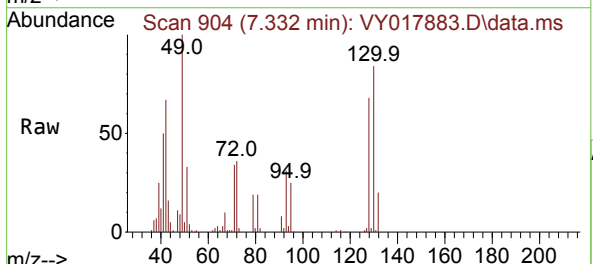
Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	256.2
98	64.3	0.0	130.0

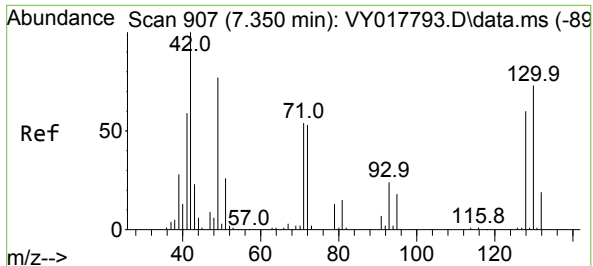


#28
 Bromochloromethane
 Concen: 49.158 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY017883.D
 Acq: 09 Apr 2024 10:07

Tgt Ion: 49 Resp: 62147

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	87.0	72.7	109.1





#29

Tetrahydrofuran

Concen: 232.146 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

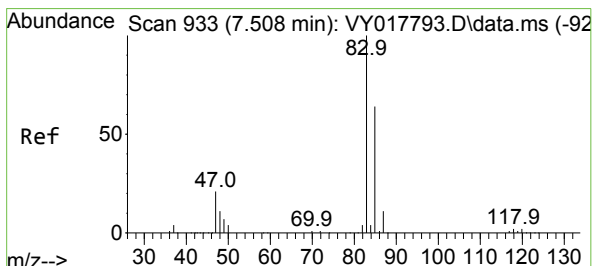
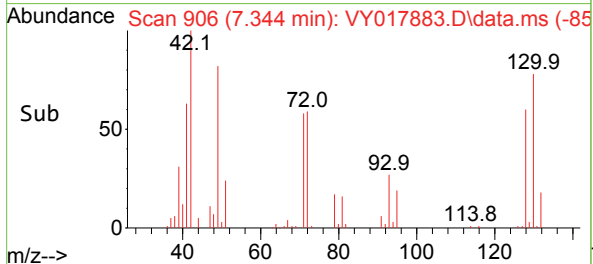
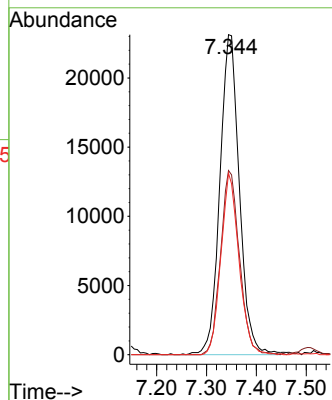
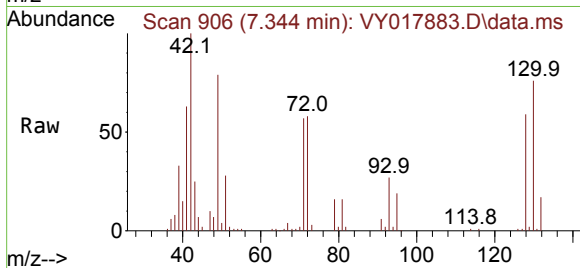
Tgt Ion: 42 Resp: 62805

Ion Ratio Lower Upper

42 100

72 55.8 43.0 64.4

71 52.6 40.8 61.2



#30

Chloroform

Concen: 52.914 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY017883.D

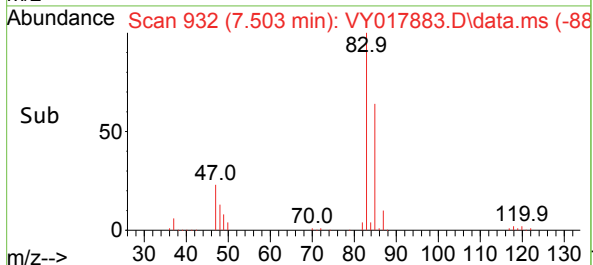
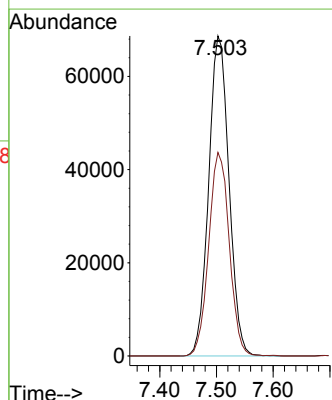
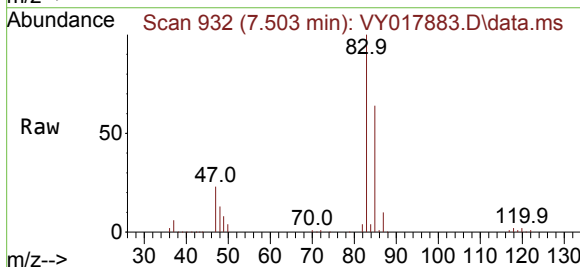
Acq: 09 Apr 2024 10:07

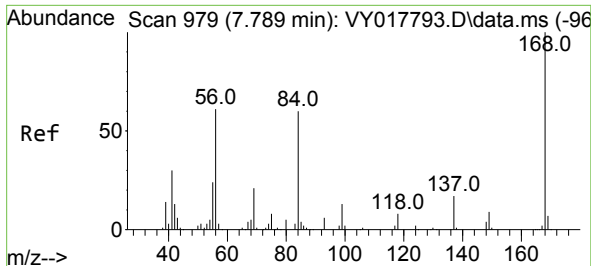
Tgt Ion: 83 Resp: 170678

Ion Ratio Lower Upper

83 100

85 63.6 52.2 78.4

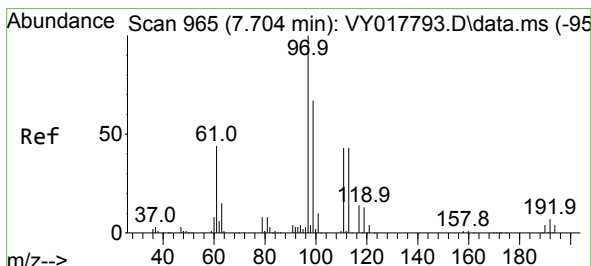
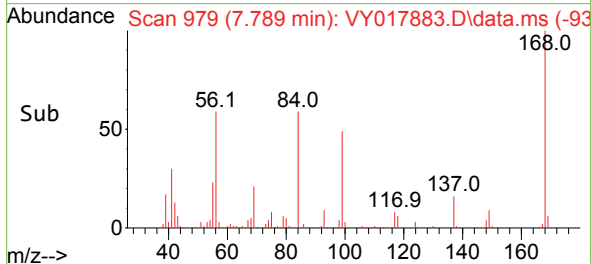
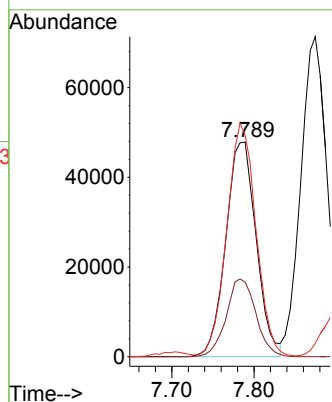
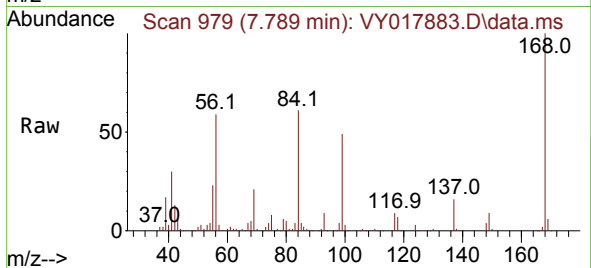




#31
Cyclohexane
Concen: 45.703 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

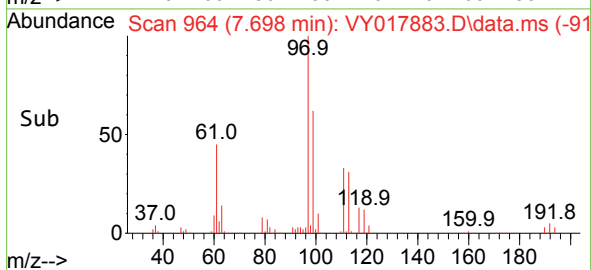
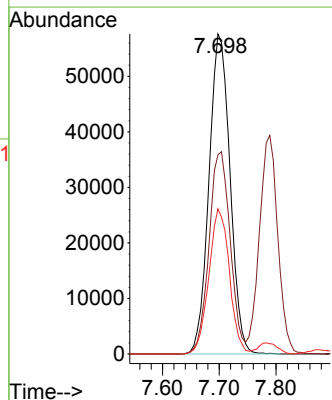
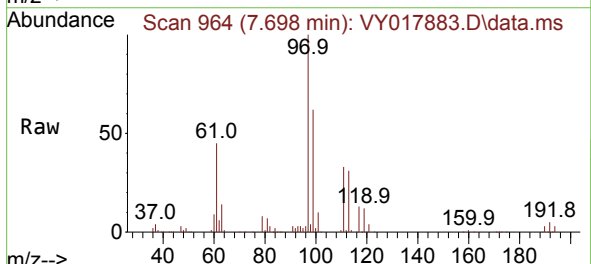
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

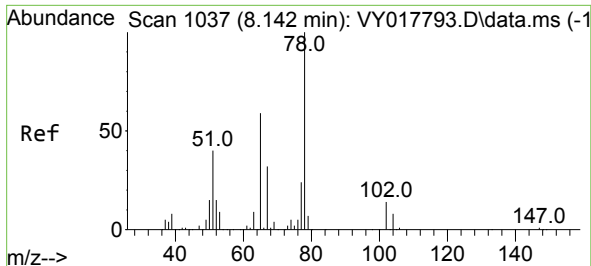
Tgt Ion: 56 Resp: 123276
Ion Ratio Lower Upper
56 100
69 34.7 28.7 43.1
84 101.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.093 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 97 Resp: 148504
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 44.4 32.6 48.8

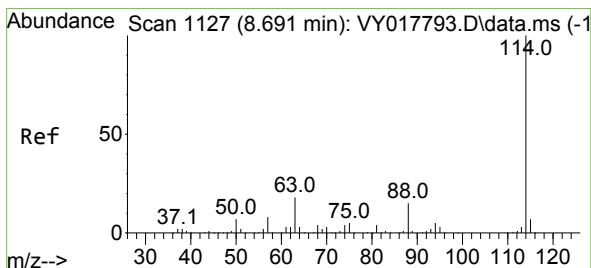
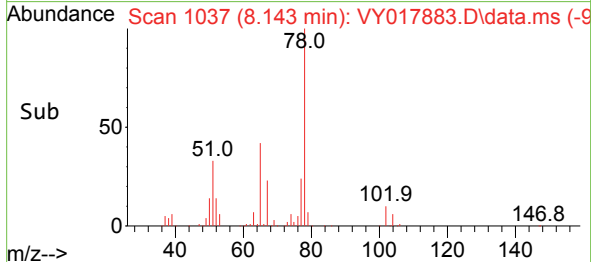
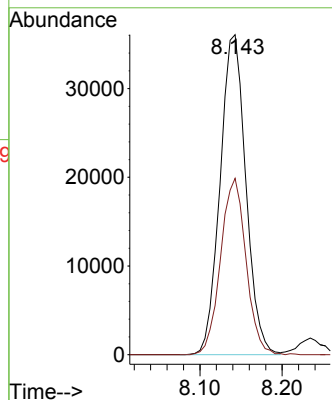
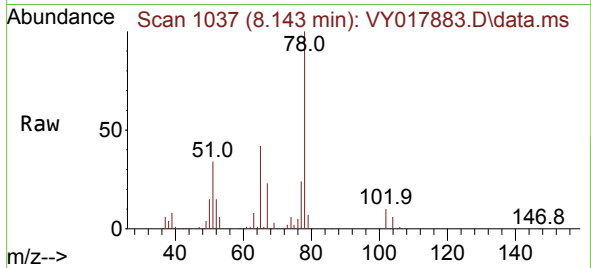




#33
 1,2-Dichloroethane-d4
 Concen: 51.376 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY017883.D
 Acq: 09 Apr 2024 10:07

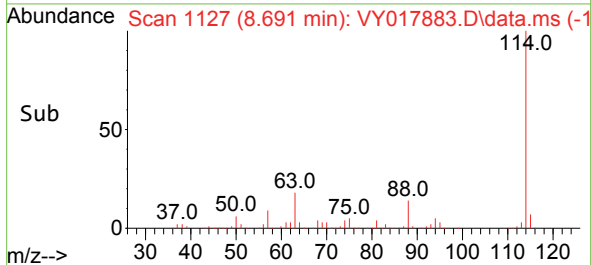
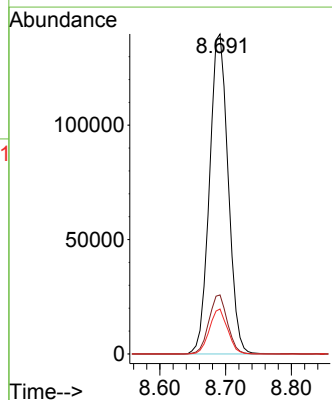
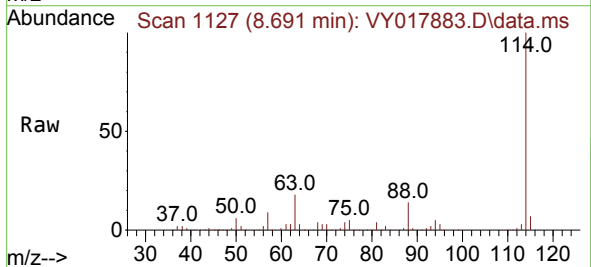
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

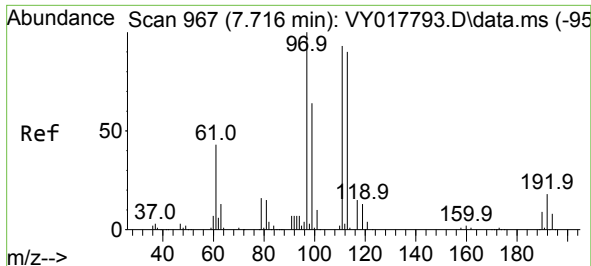
Tgt Ion: 65 Resp: 78665
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY017883.D
 Acq: 09 Apr 2024 10:07

Tgt Ion: 114 Resp: 276098
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.0
 88 14.1 0.0 27.2

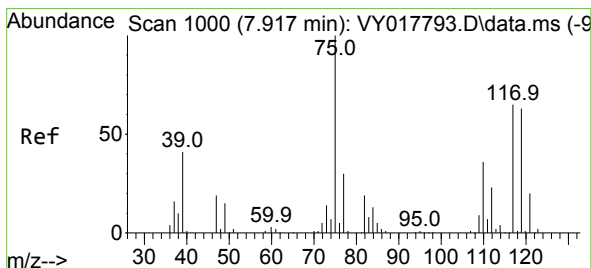
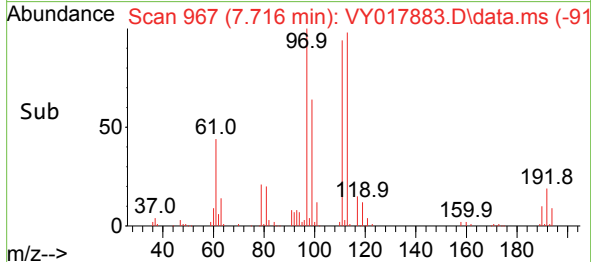
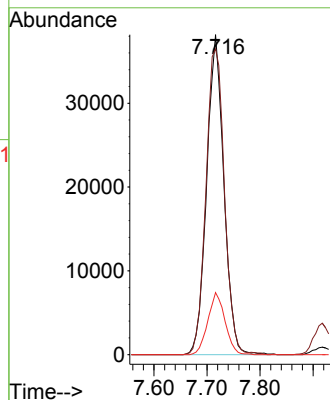
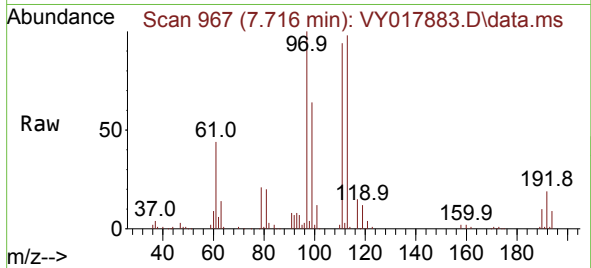




#35
Dibromofluoromethane
Concen: 53.862 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

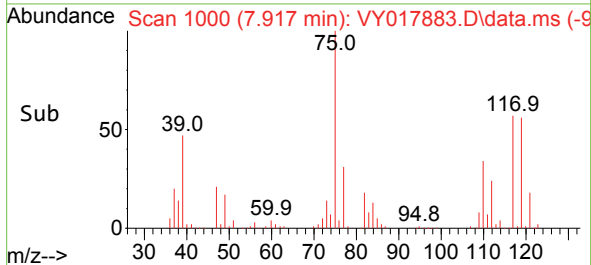
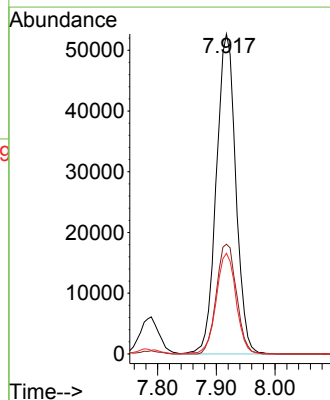
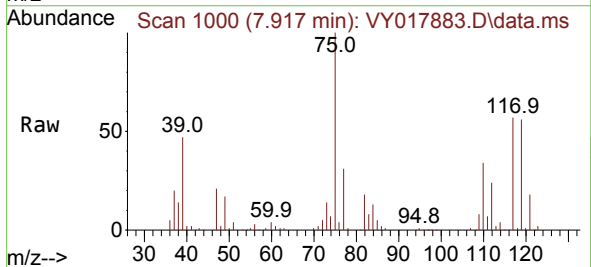
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

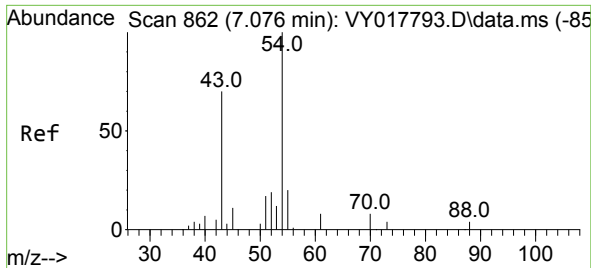
Tgt Ion:113 Resp: 85933
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 19.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.051 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 75 Resp: 121165
Ion Ratio Lower Upper
75 100
110 35.4 19.0 57.0
77 32.1 25.3 37.9

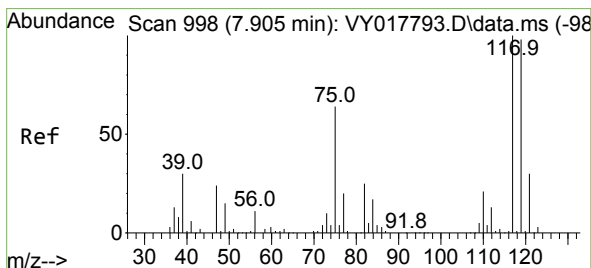
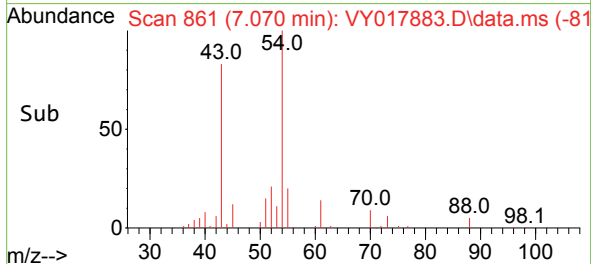
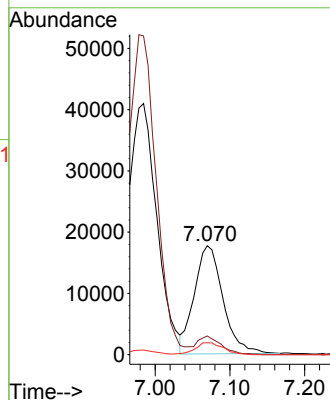
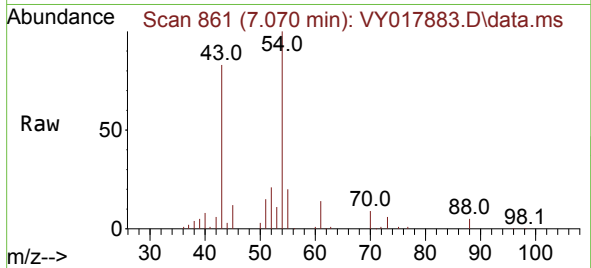




#37
Ethyl Acetate
Concen: 46.723 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

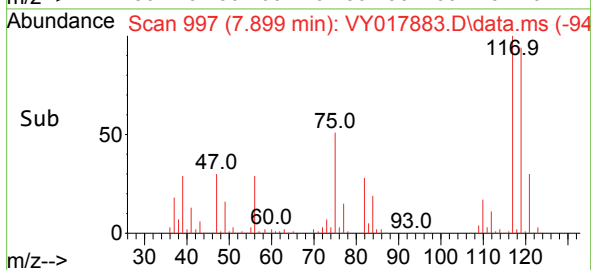
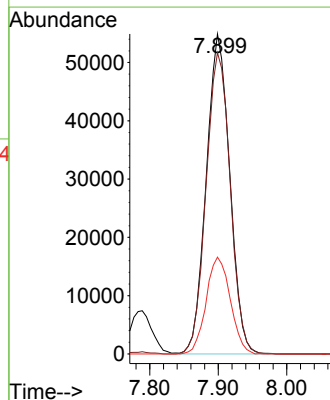
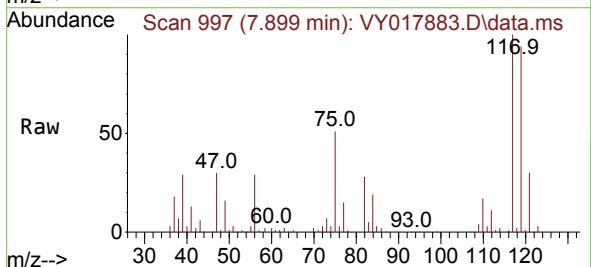
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

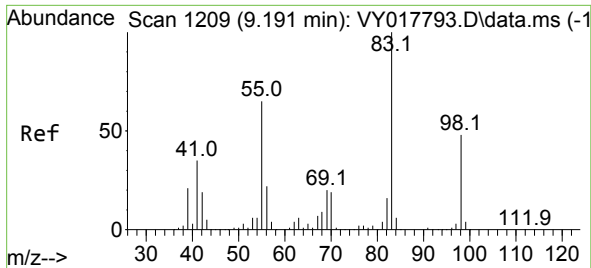
Tgt Ion: 43 Resp: 46936
Ion Ratio Lower Upper
43 100
61 13.8 12.6 19.0
70 10.9 7.8 11.8



#38
Carbon Tetrachloride
Concen: 54.187 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 117 Resp: 130948
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.6
121 30.3 24.0 36.0





#39

Methylcyclohexane

Concen: 51.090 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

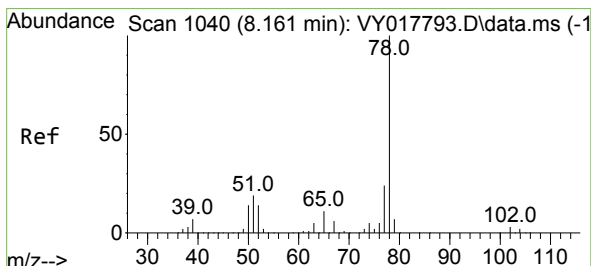
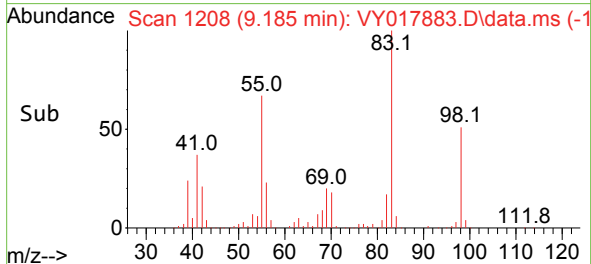
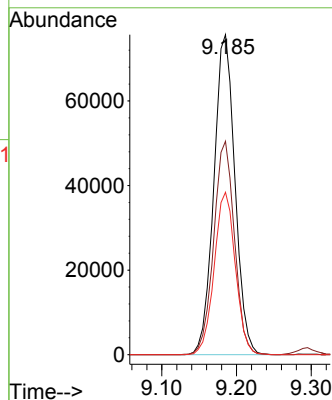
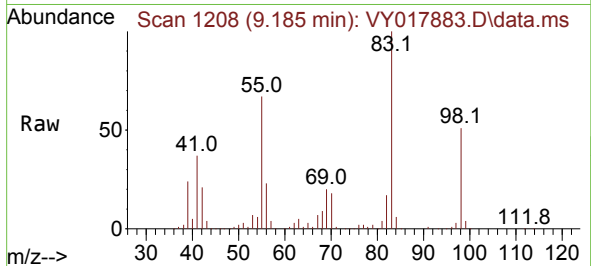
Tgt Ion: 83 Resp: 148556

Ion Ratio Lower Upper

83 100

55 66.7 51.5 77.3

98 50.8 40.5 60.7



#40

Benzene

Concen: 52.074 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY017883.D

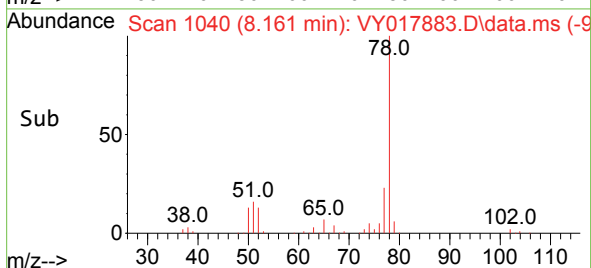
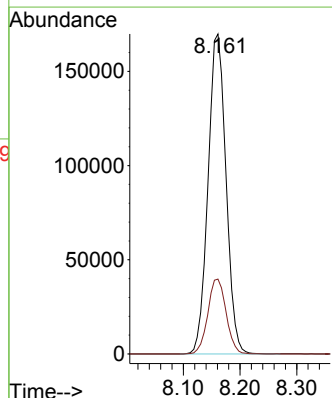
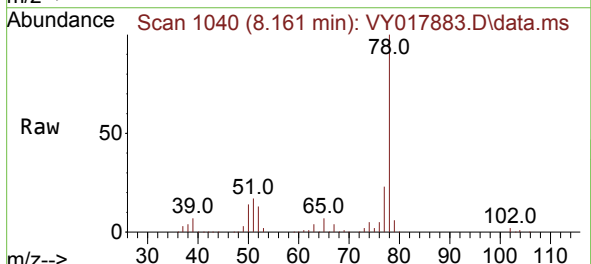
Acq: 09 Apr 2024 10:07

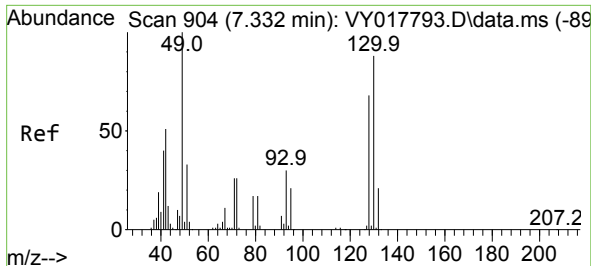
Tgt Ion: 78 Resp: 373574

Ion Ratio Lower Upper

78 100

77 23.4 19.5 29.3



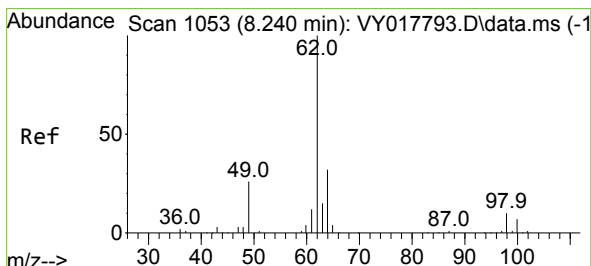
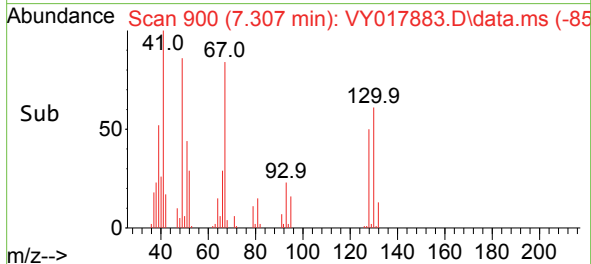
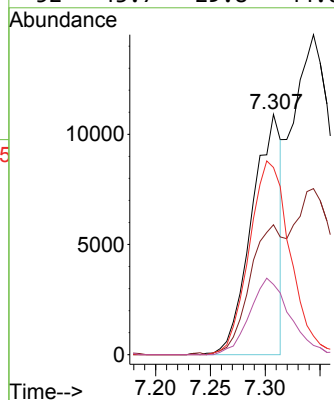
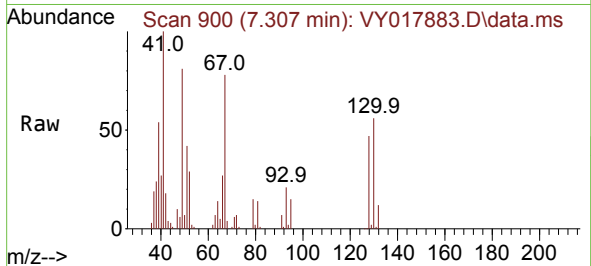


#41
Methacrylonitrile
Concen: 37.268 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.025 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 20379

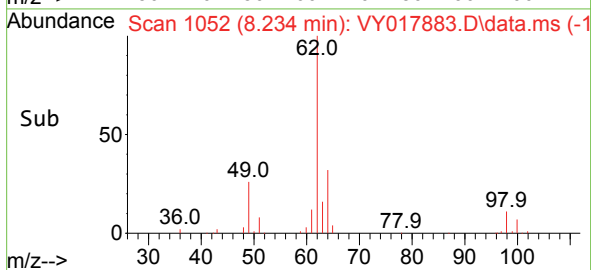
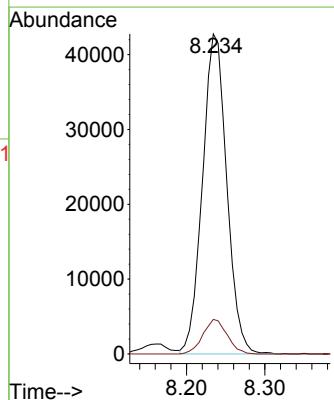
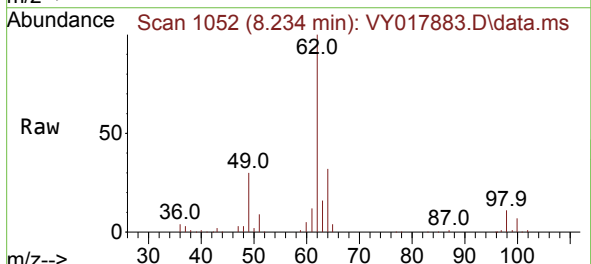
Ion	Ratio	Lower	Upper
41	100		
39	66.8	48.0	72.0
67	112.3	75.1	112.7
52	43.7	29.8	44.6

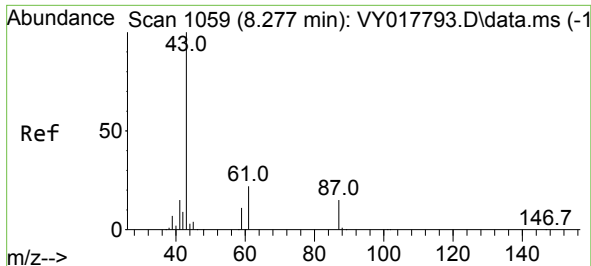


#42
1,2-Dichloroethane
Concen: 52.121 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 62 Resp: 92031

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	22.0

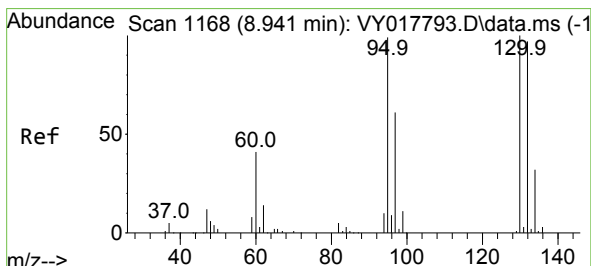
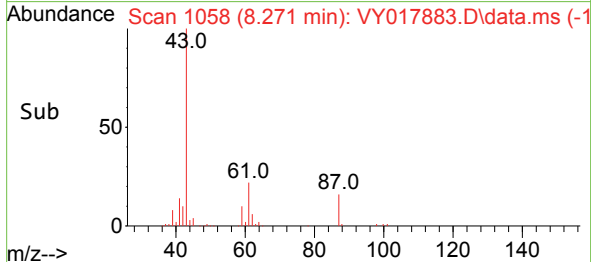
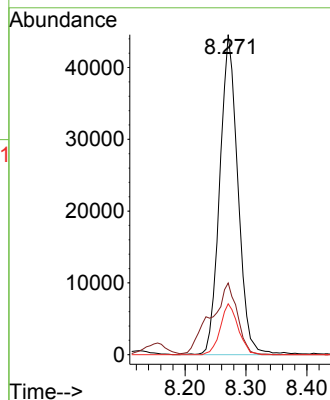
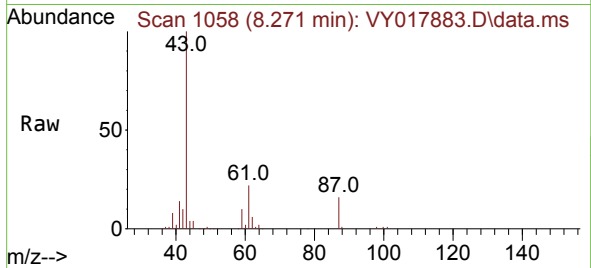




#43
Isopropyl Acetate
Concen: 50.392 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

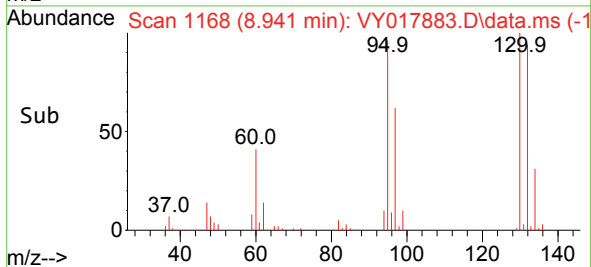
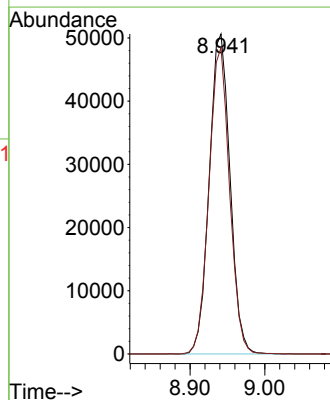
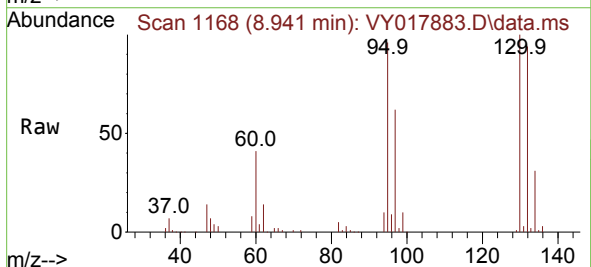
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

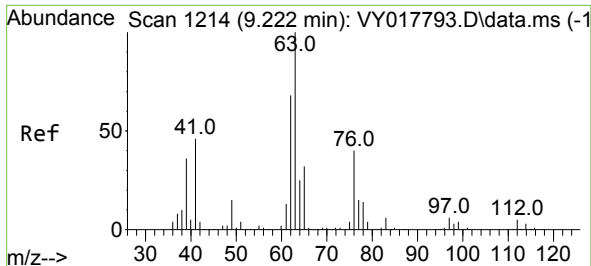
Tgt Ion: 43 Resp: 91867
Ion Ratio Lower Upper
43 100
61 32.8 27.9 41.9
87 15.7 13.1 19.7



#44
Trichloroethene
Concen: 52.477 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion:130 Resp: 97945
Ion Ratio Lower Upper
130 100
95 95.7 0.0 188.0

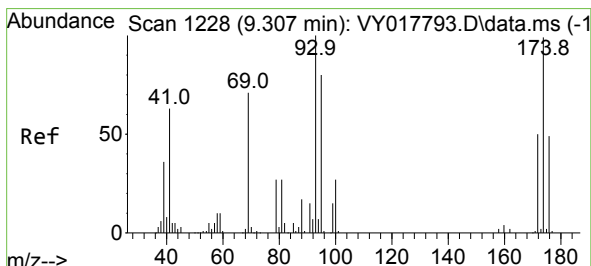
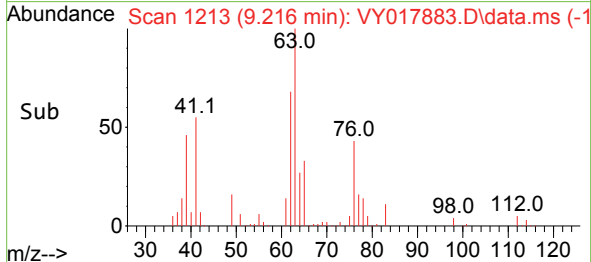
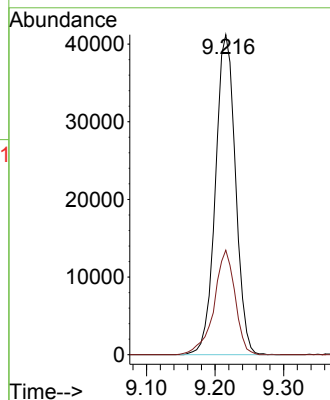
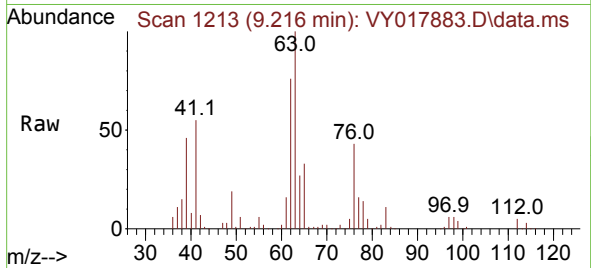




#45
1,2-Dichloropropane
Concen: 50.072 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

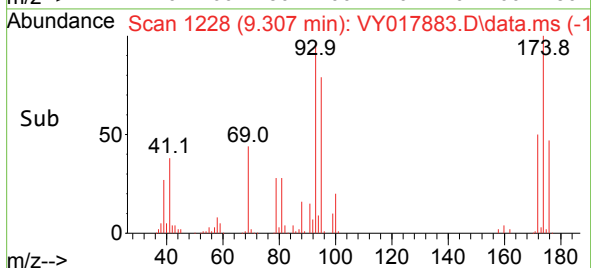
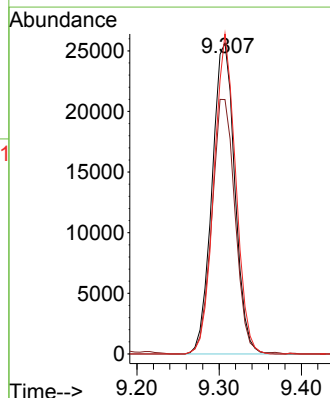
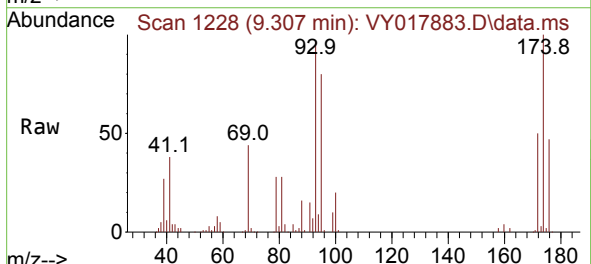
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

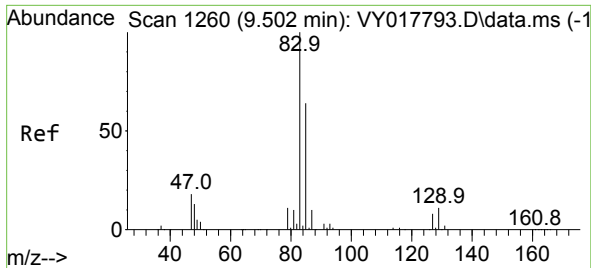
Tgt Ion: 63 Resp: 83470
Ion Ratio Lower Upper
63 100
65 32.7 25.4 38.2



#46
Dibromomethane
Concen: 52.069 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 93 Resp: 49313
Ion Ratio Lower Upper
93 100
95 83.6 66.2 99.4
174 98.0 80.9 121.3

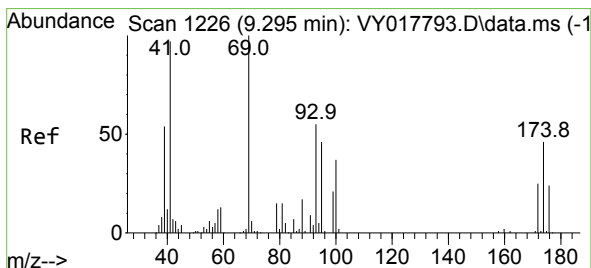
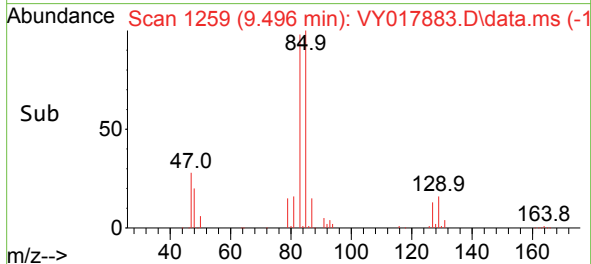
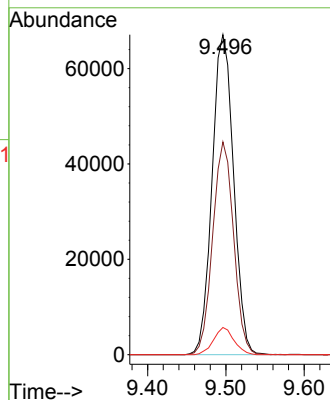
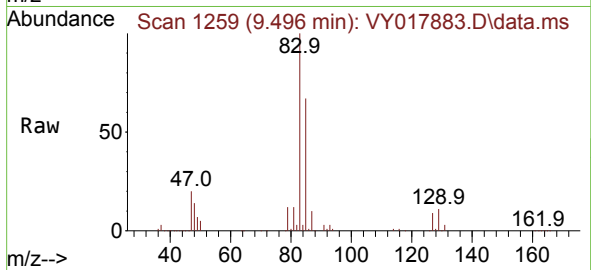




#47
Bromodichloromethane
Concen: 53.373 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

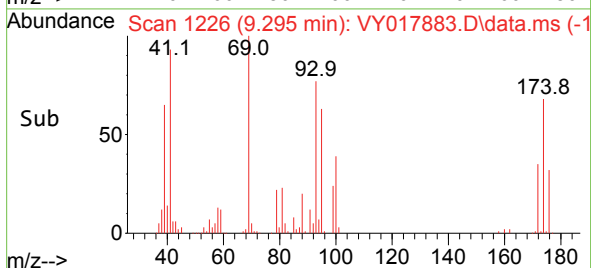
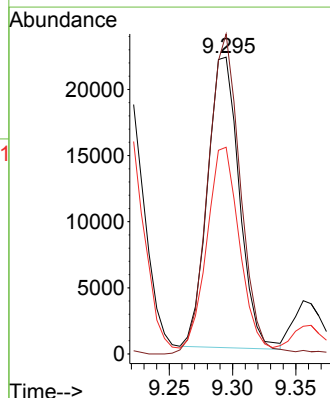
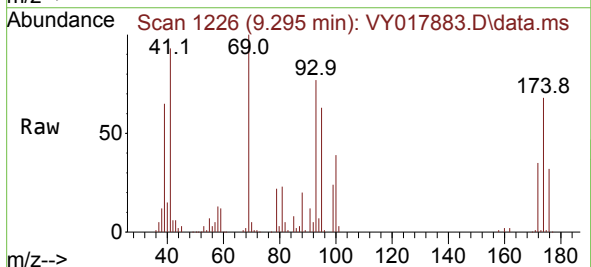
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

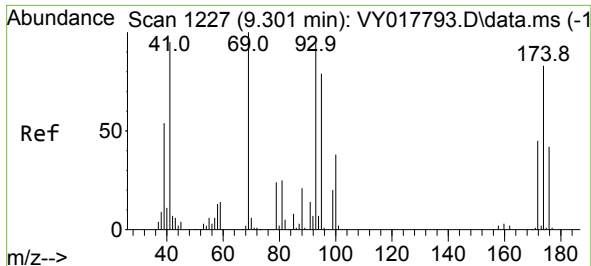
Tgt Ion: 83 Resp: 127723
Ion Ratio Lower Upper
83 100
85 66.5 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 49.786 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 41 Resp: 38477
Ion Ratio Lower Upper
41 100
69 111.5 84.1 126.1
39 69.6 43.6 65.4#





#49

1,4-Dioxane

Concen: 1087.099 ug/l

RT: 9.301 min Scan# 11558

Delta R.T. 0.000 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

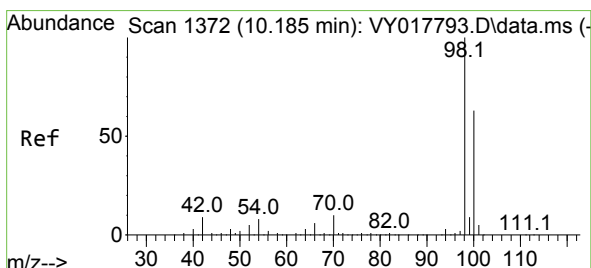
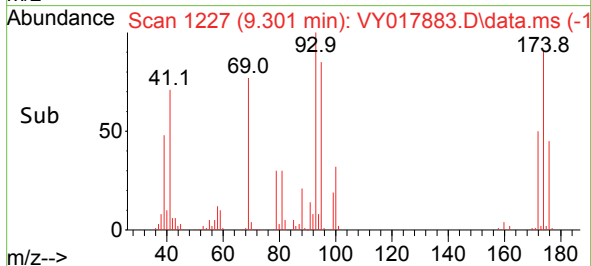
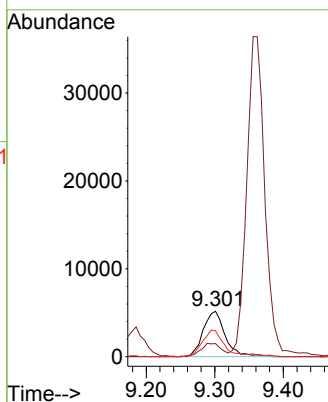
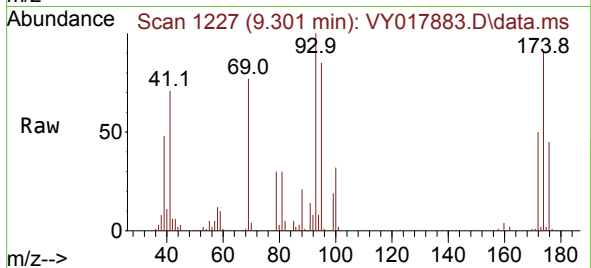
Tgt Ion: 88 Resp: 11558

Ion Ratio Lower Upper

88 100

43 27.4 0.0 0.0#

58 61.0 49.3 73.9



#50

Toluene-d8

Concen: 53.862 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY017883.D

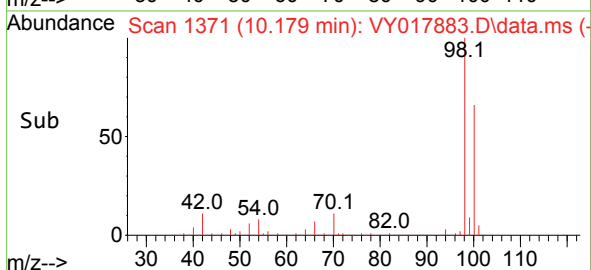
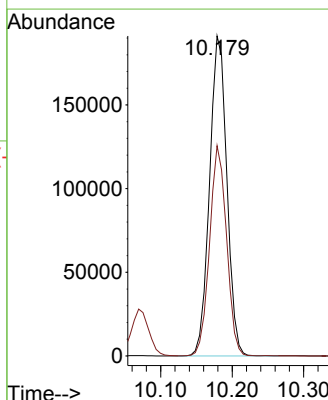
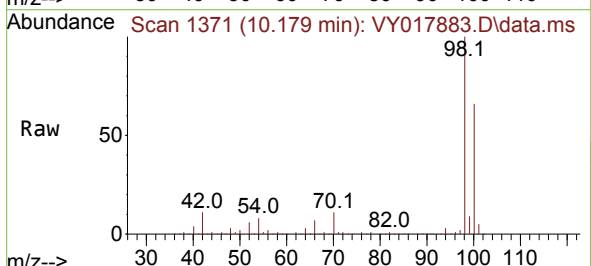
Acq: 09 Apr 2024 10:07

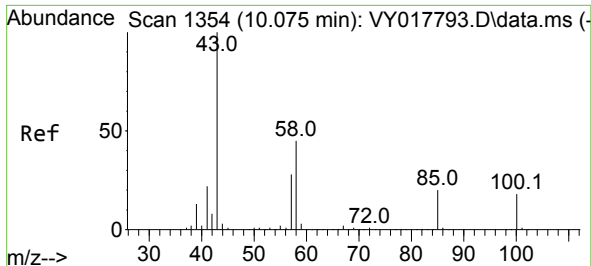
Tgt Ion: 98 Resp: 320994

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

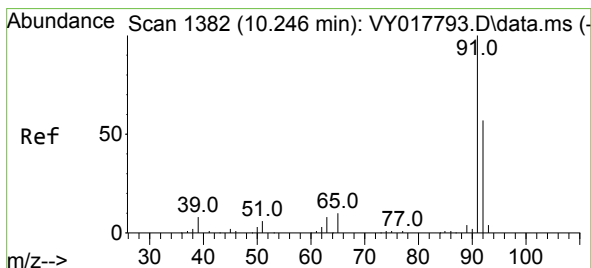
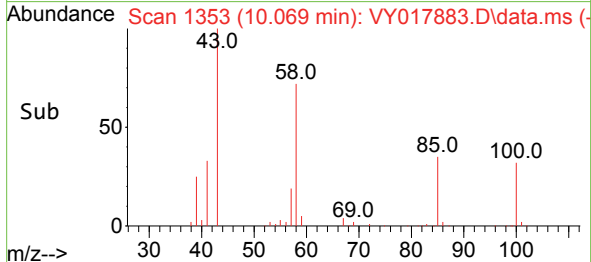
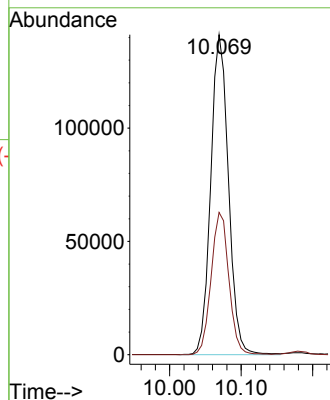
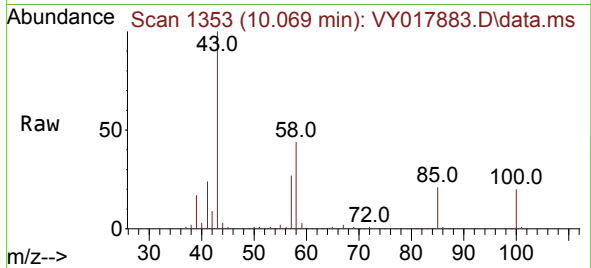




#51
4-Methyl-2-Pentanone
Concen: 266.679 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

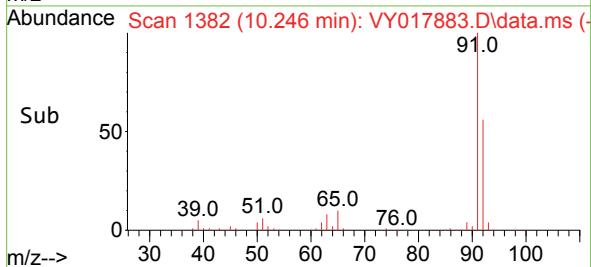
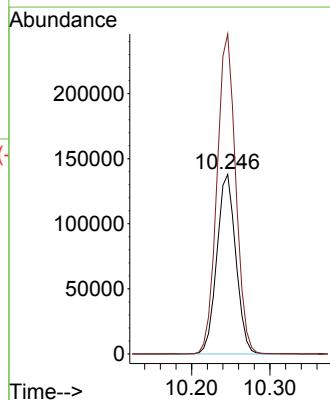
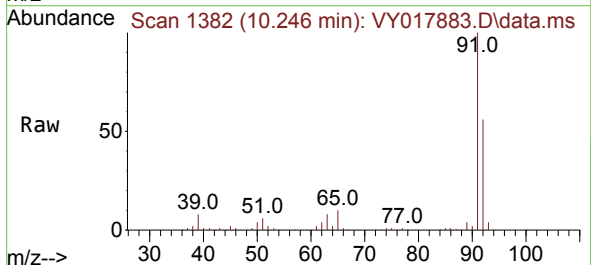
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

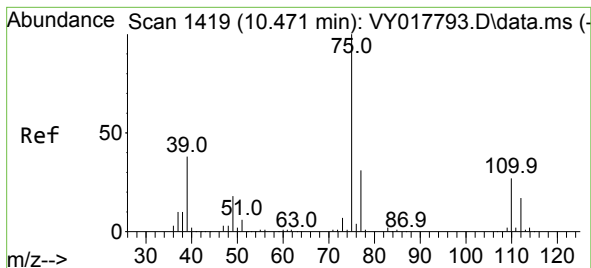
Tgt Ion: 43 Resp: 243249
Ion Ratio Lower Upper
43 100
58 44.5 35.7 53.5



#52
Toluene
Concen: 53.410 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 92 Resp: 232412
Ion Ratio Lower Upper
92 100
91 176.1 139.0 208.6

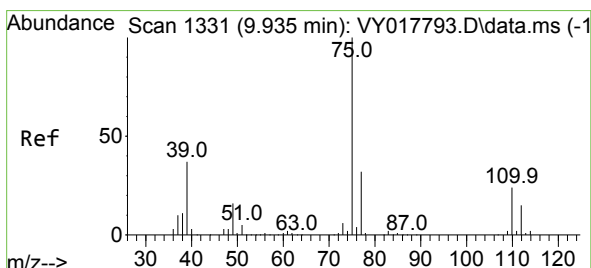
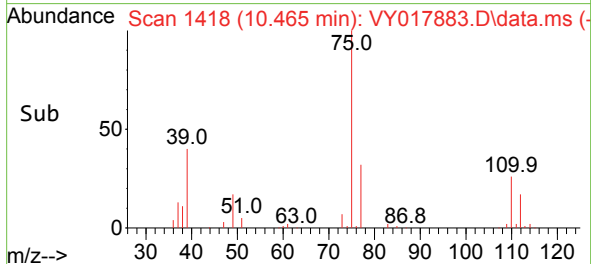
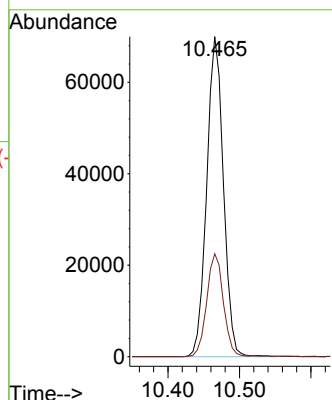
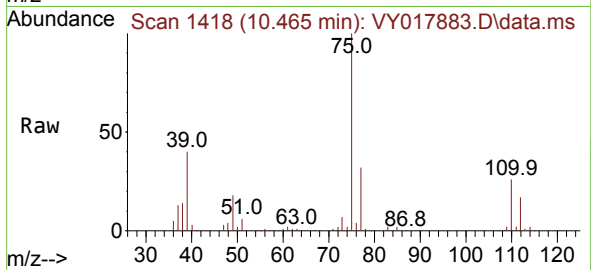




#53
 t-1,3-Dichloropropene
 Concen: 53.358 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY017883.D
 Acq: 09 Apr 2024 10:07

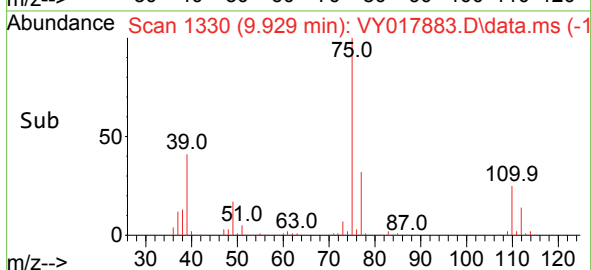
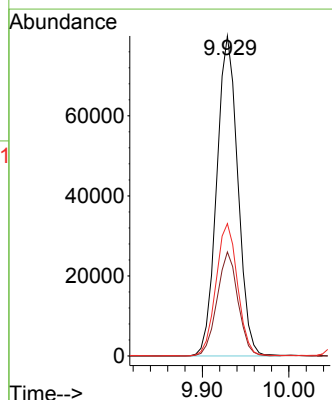
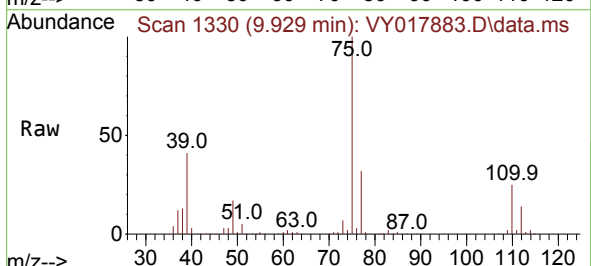
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

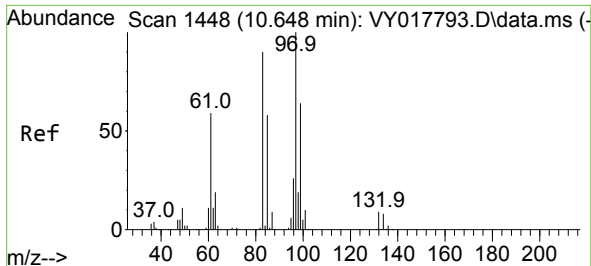
Tgt Ion: 75 Resp: 113375
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 52.265 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY017883.D
 Acq: 09 Apr 2024 10:07

Tgt Ion: 75 Resp: 135537
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 41.3 29.8 44.6



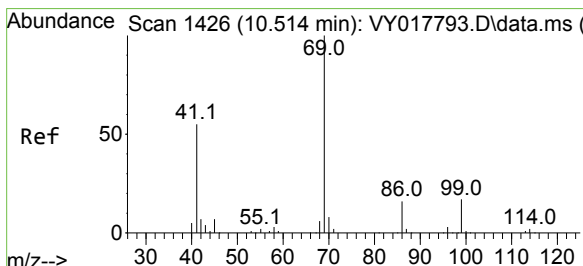
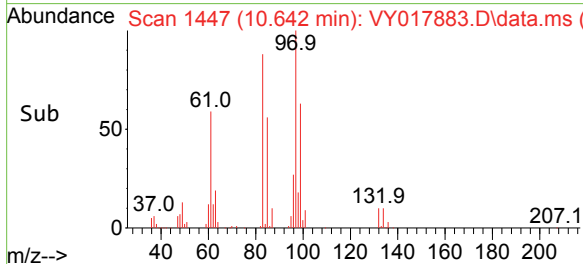
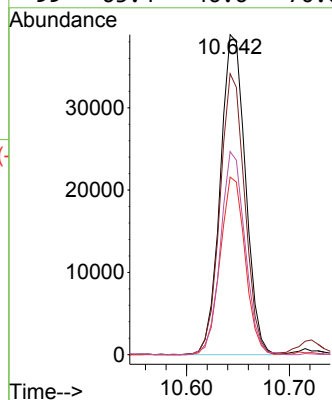
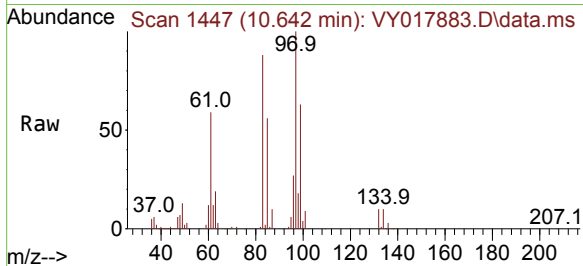


#55
1,1,2-Trichloroethane
Concen: 52.431 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 66165

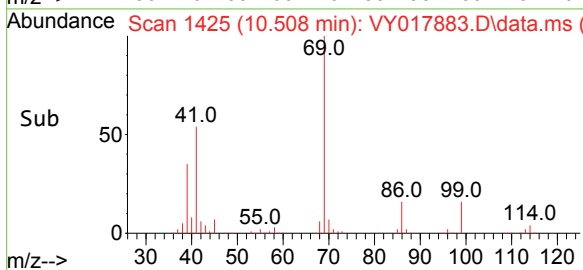
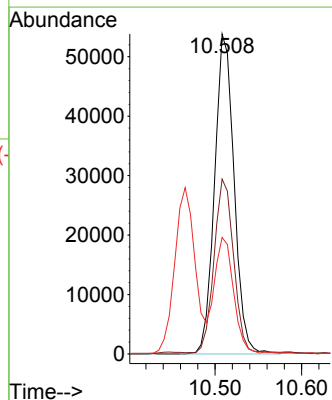
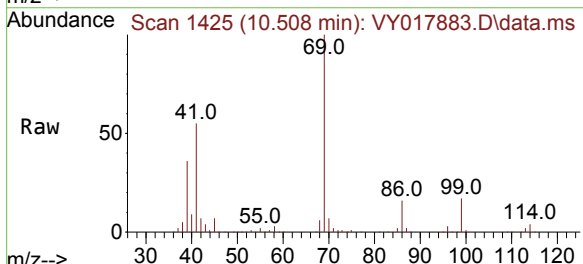
Ion	Ratio	Lower	Upper
97	100		
83	87.8	67.5	101.3
85	55.5	42.9	64.3
99	63.4	46.6	70.0

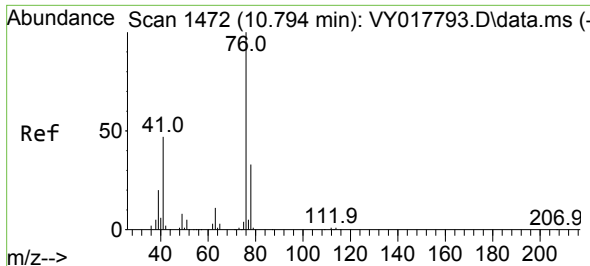


#56
Ethyl methacrylate
Concen: 53.790 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 69 Resp: 84399

Ion	Ratio	Lower	Upper
69	100		
41	54.3	42.3	63.5
39	34.8	22.9	34.3





#57

1,3-Dichloropropane

Concen: 51.785 ug/l

RT: 10.789 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

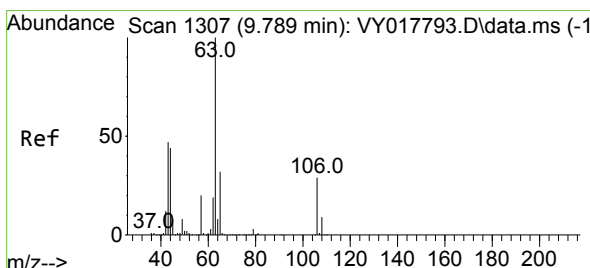
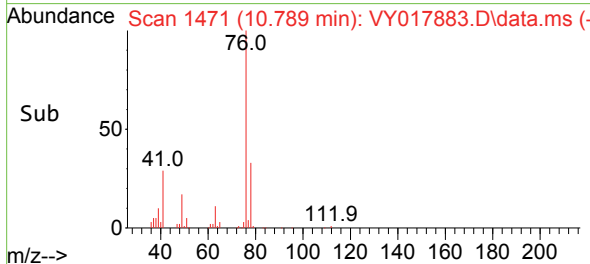
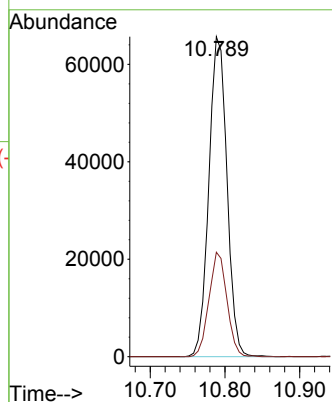
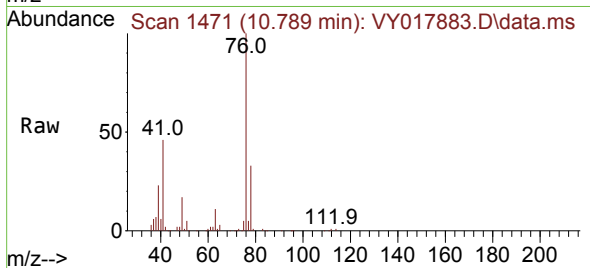
VSTDCCC050

Tgt Ion: 76 Resp: 110528

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 259.527 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY017883.D

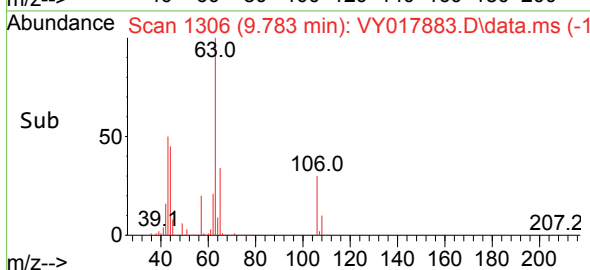
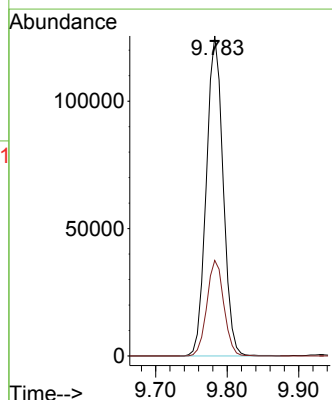
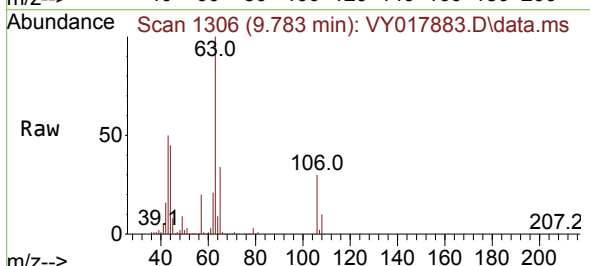
Acq: 09 Apr 2024 10:07

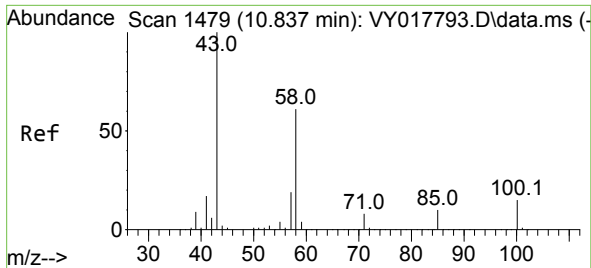
Tgt Ion: 63 Resp: 204668

Ion Ratio Lower Upper

63 100

106 30.1 23.7 35.5

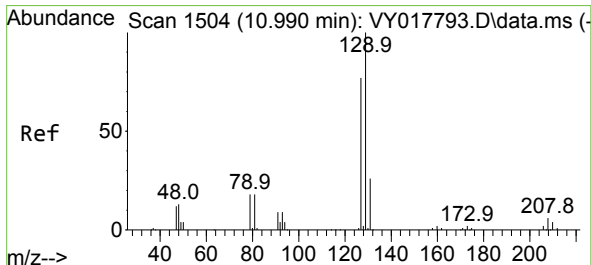
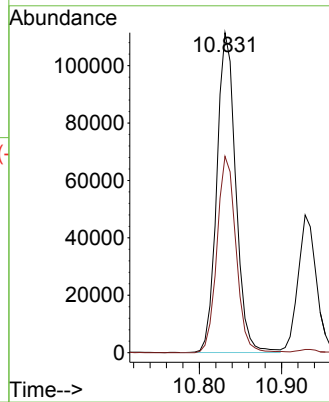
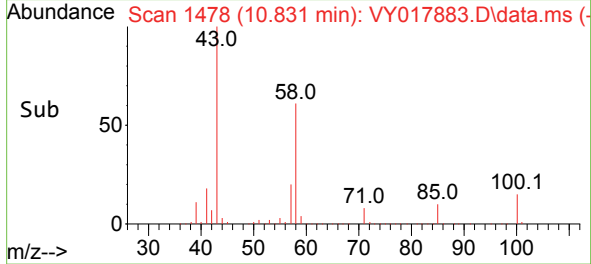
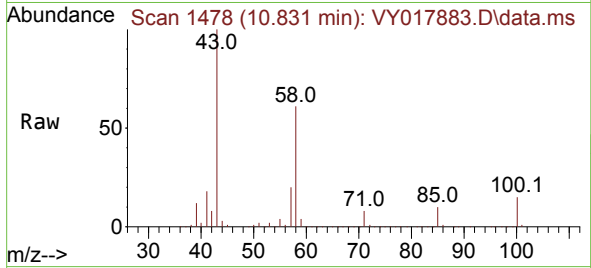




#59
2-Hexanone
Concen: 273.246 ug/l
RT: 10.831 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

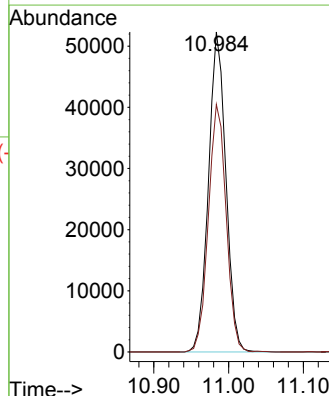
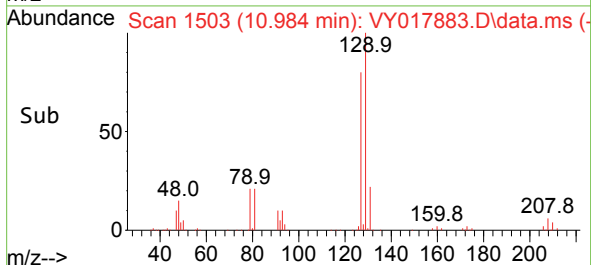
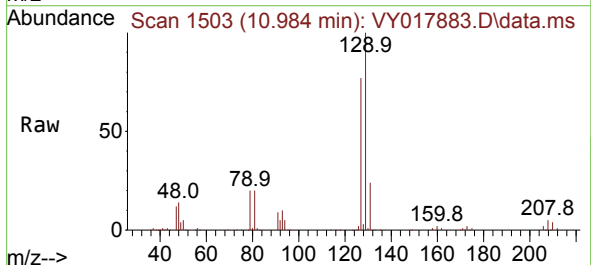
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

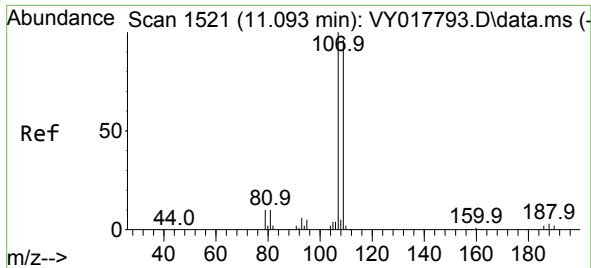
Tgt Ion: 43 Resp: 178265
Ion Ratio Lower Upper
43 100
58 61.8 31.4 94.0



#60
Dibromochloromethane
Concen: 53.231 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 129 Resp: 84725
Ion Ratio Lower Upper
129 100
127 79.0 39.0 117.0

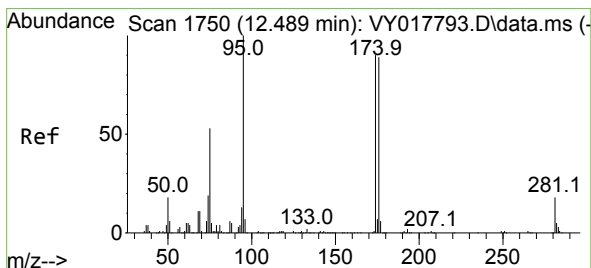
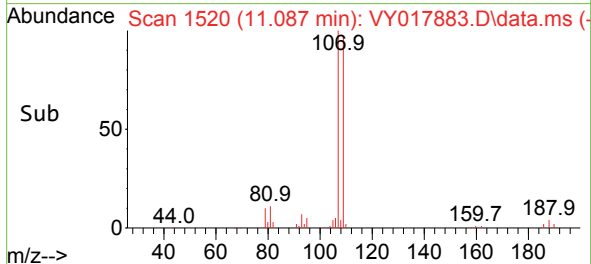
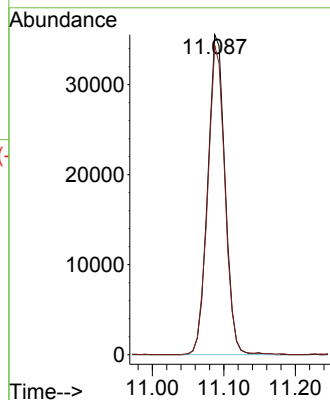
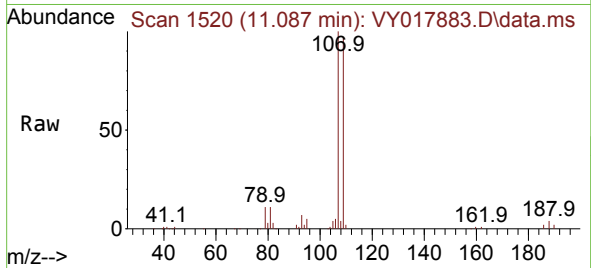




#61
1,2-Dibromoethane
Concen: 51.709 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

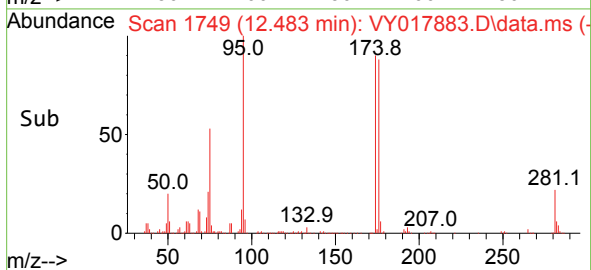
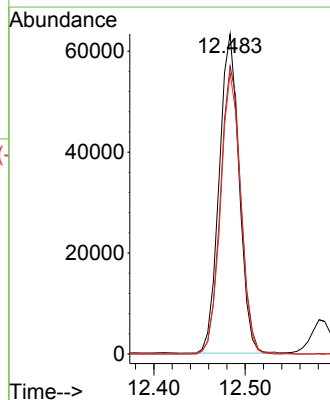
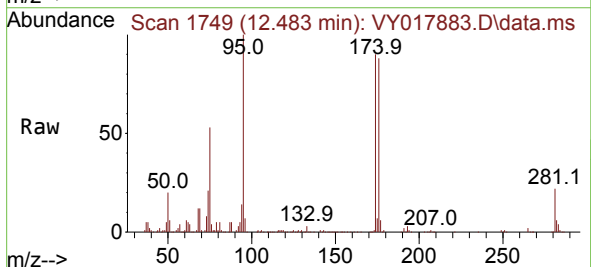
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

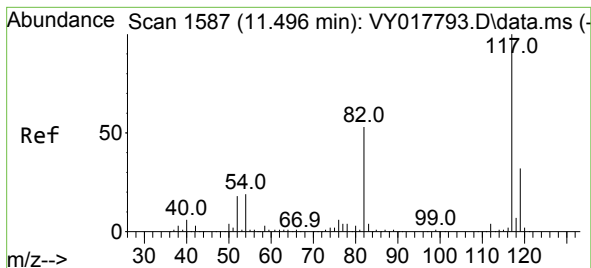
Tgt Ion:107 Resp: 59502
Ion Ratio Lower Upper
107 100
109 96.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.854 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 95 Resp: 95834
Ion Ratio Lower Upper
95 100
174 92.3 0.0 175.6
176 89.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

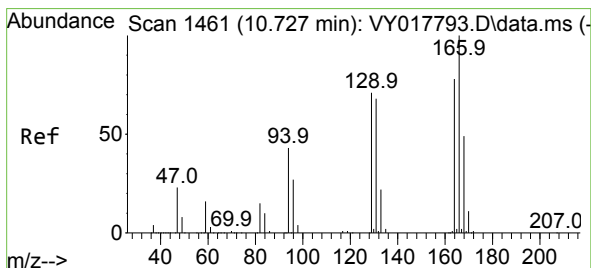
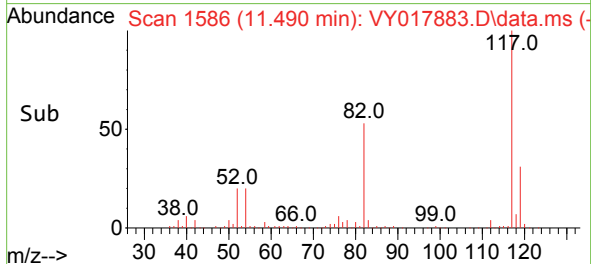
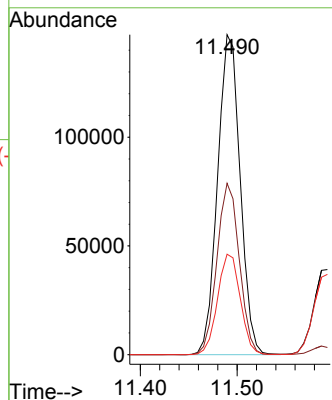
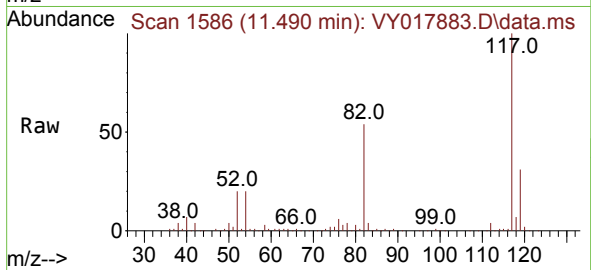
Tgt Ion:117 Resp: 238319

Ion Ratio Lower Upper

117 100

82 53.5 42.4 63.6

119 31.4 25.9 38.9



#64

Tetrachloroethene

Concen: 51.495 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Tgt Ion:164 Resp: 107040

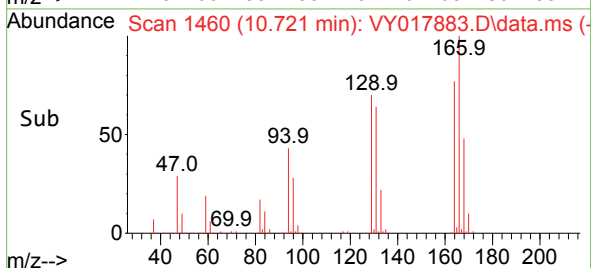
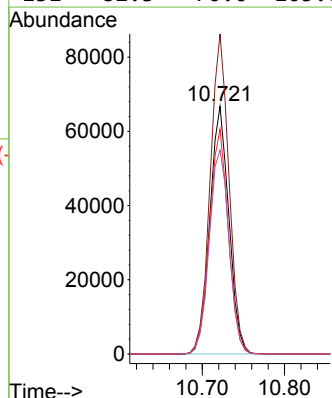
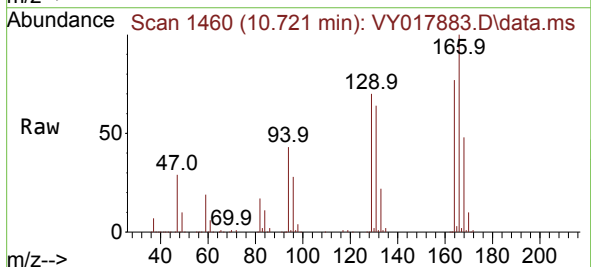
Ion Ratio Lower Upper

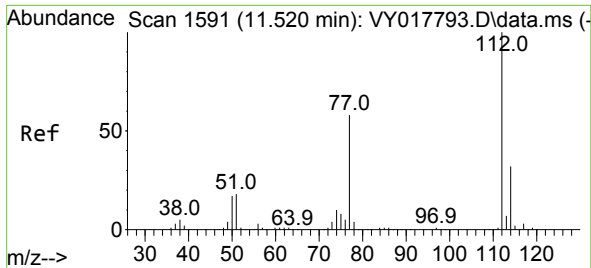
164 100

166 129.2 102.6 154.0

129 90.8 72.0 108.0

131 82.3 70.0 105.0

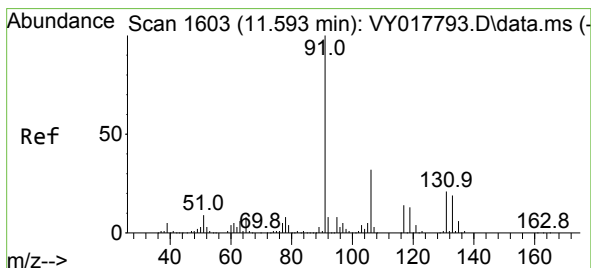
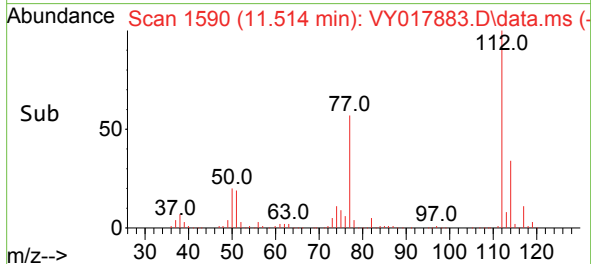
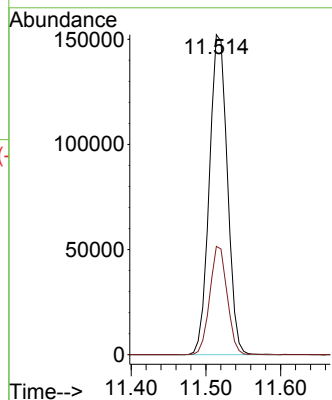
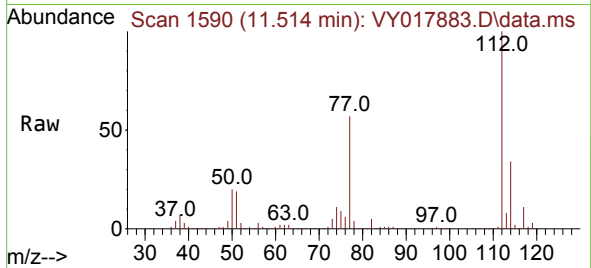




#65
Chlorobenzene
Concen: 52.093 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

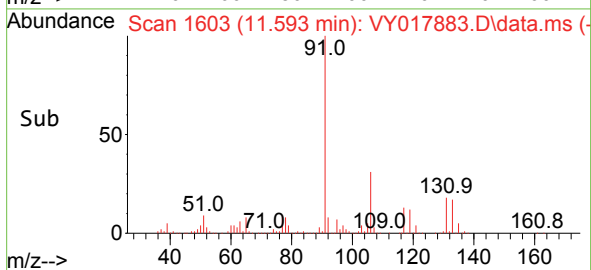
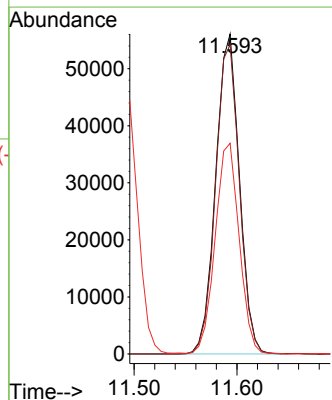
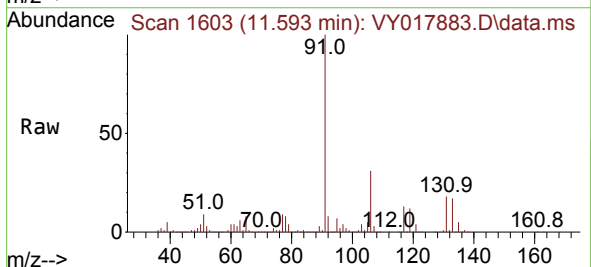
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

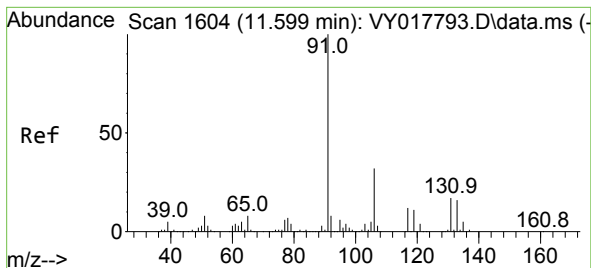
Tgt Ion:112 Resp: 254667
Ion Ratio Lower Upper
112 100
114 33.9 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.036 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion:131 Resp: 89697
Ion Ratio Lower Upper
131 100
133 96.8 47.8 143.3
119 66.9 34.1 102.2





#67

Ethyl Benzene

Concen: 54.391 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

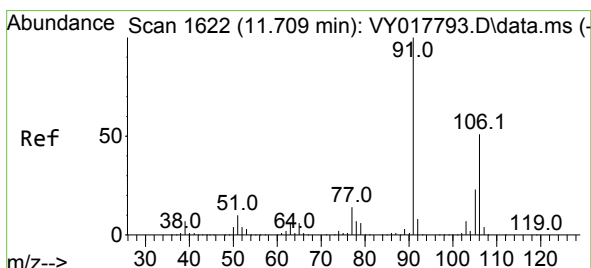
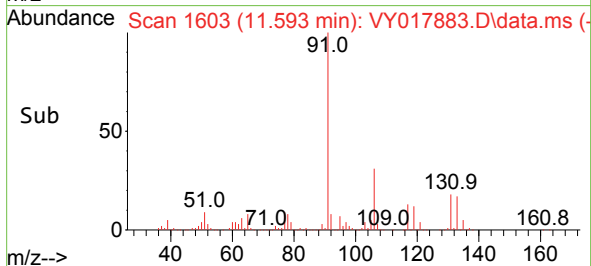
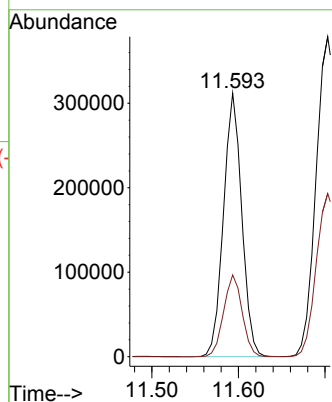
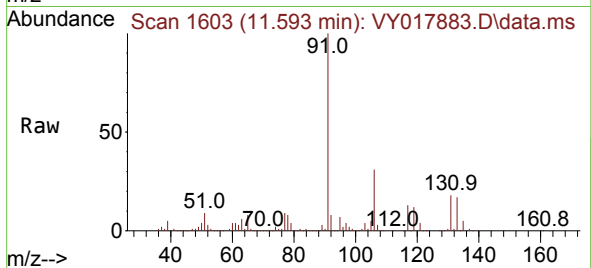
VSTDCCC050

Tgt Ion: 91 Resp: 457107

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 110.539 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.006 min

Lab File: VY017883.D

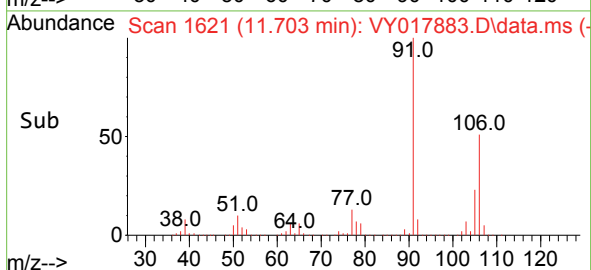
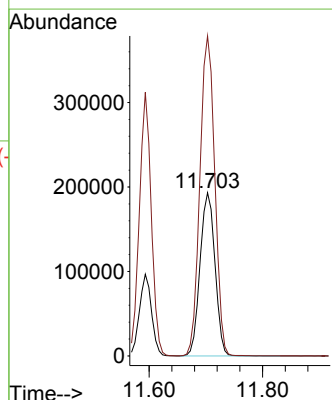
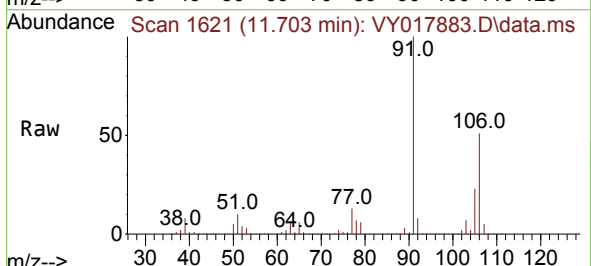
Acq: 09 Apr 2024 10:07

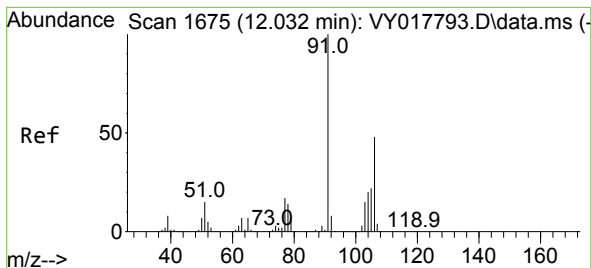
Tgt Ion: 106 Resp: 352306

Ion Ratio Lower Upper

106 100

91 195.3 156.0 234.0





#69

o-Xylene

Concen: 60.446 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

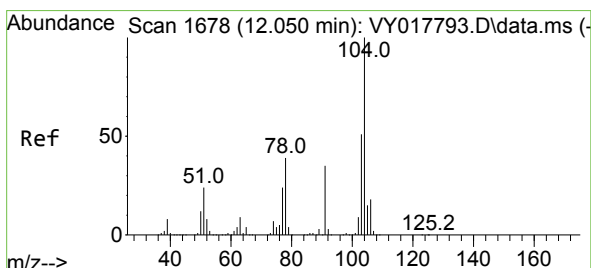
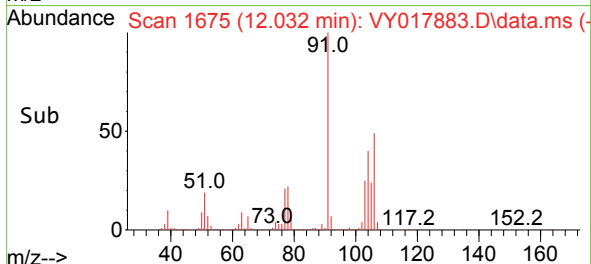
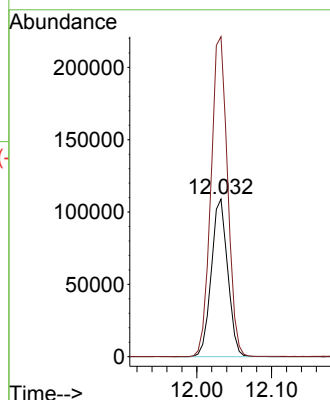
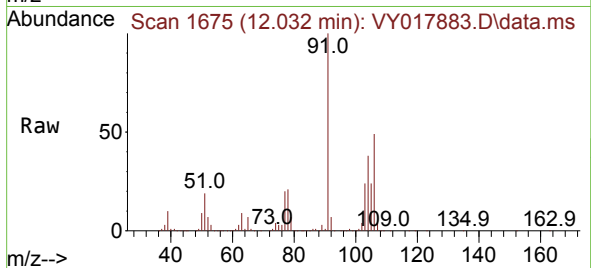
VSTDCCC050

Tgt Ion:106 Resp: 165717

Ion Ratio Lower Upper

106 100

91 206.5 103.6 310.8



#70

Styrene

Concen: 59.326 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

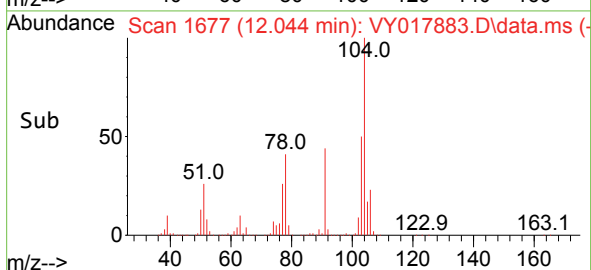
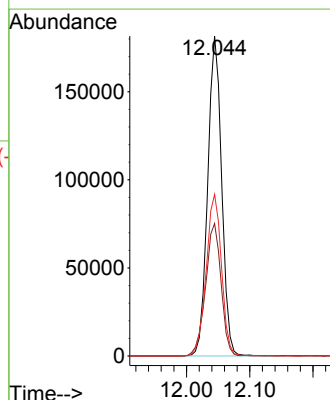
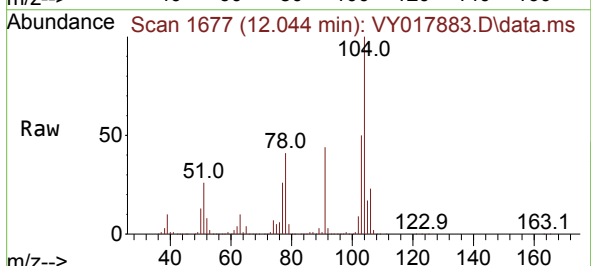
Tgt Ion:104 Resp: 279177

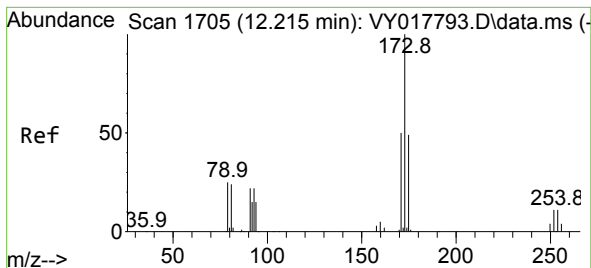
Ion Ratio Lower Upper

104 100

78 46.0 37.0 55.4

103 55.3 44.2 66.2





#71

Bromoform

Concen: 51.839 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

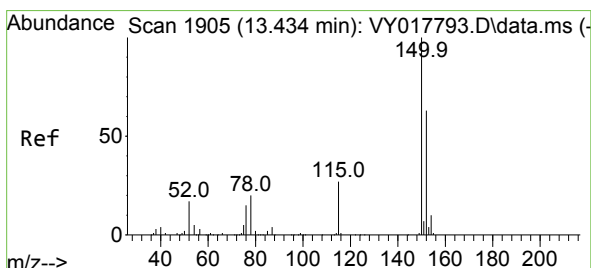
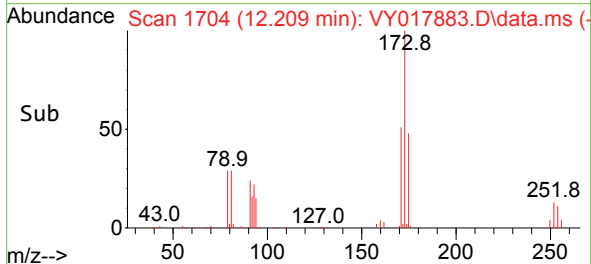
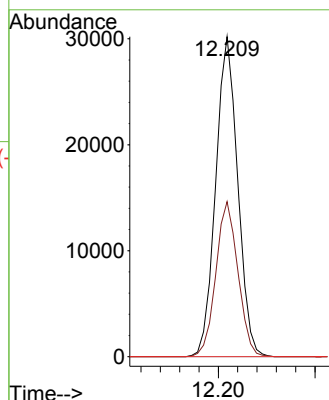
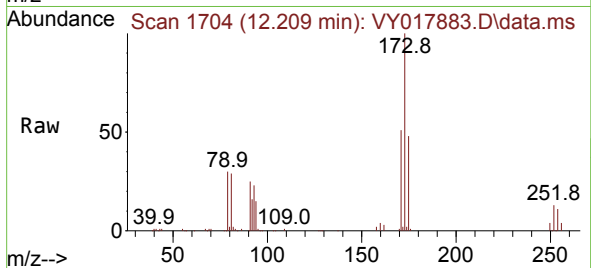
Tgt Ion:173 Resp: 47698

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: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

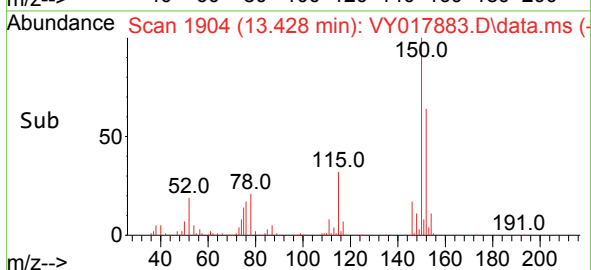
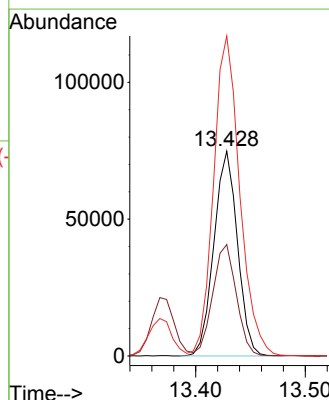
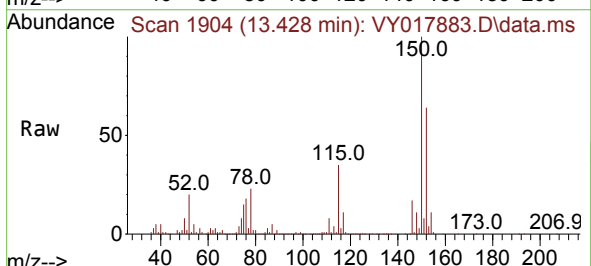
Tgt Ion:152 Resp: 111817

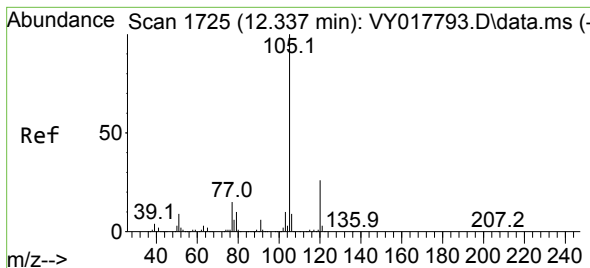
Ion Ratio Lower Upper

152 100

115 54.3 28.2 84.7

150 173.7 0.0 345.6





#73

Isopropylbenzene

Concen: 55.582 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

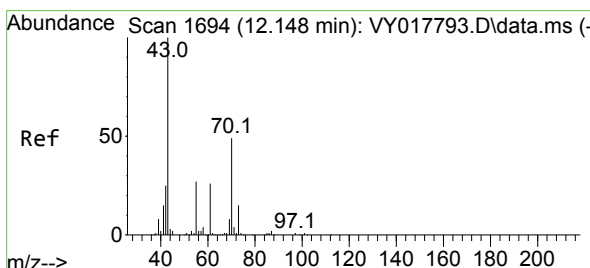
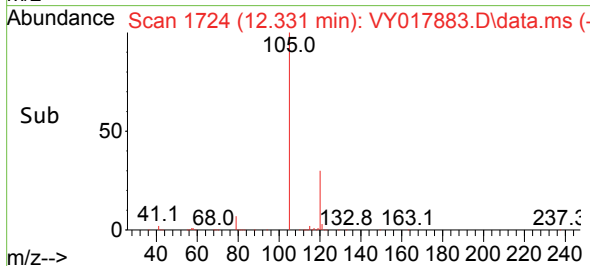
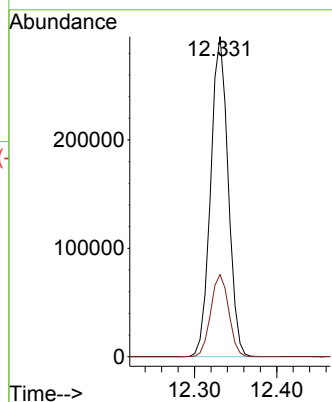
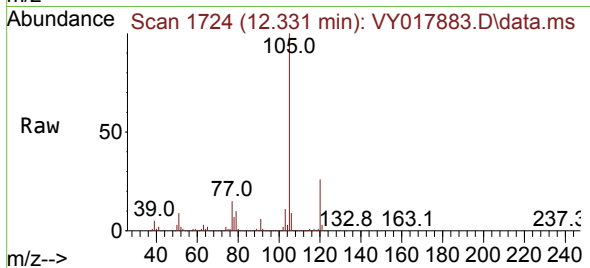
VSTDCCC050

Tgt Ion:105 Resp: 435544

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 53.923 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Tgt Ion: 43 Resp: 80890

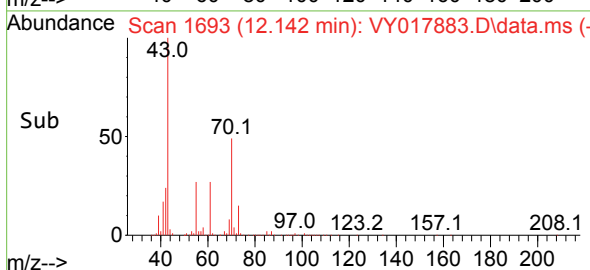
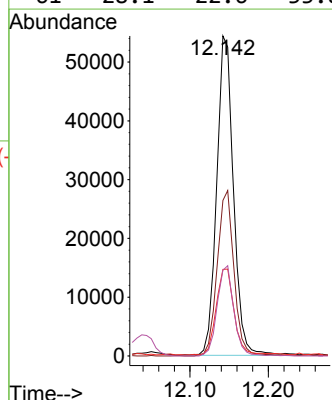
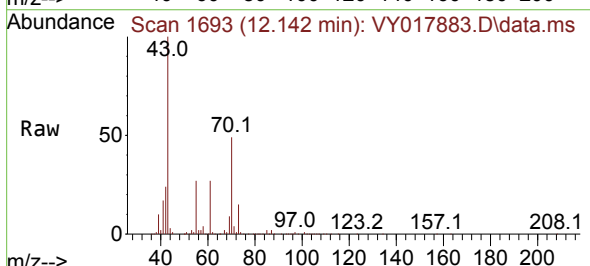
Ion Ratio Lower Upper

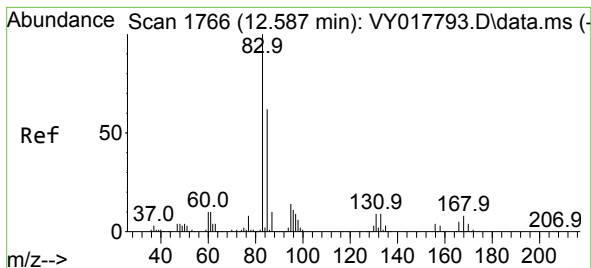
43 100

70 51.9 41.4 62.2

55 28.7 23.3 34.9

61 28.1 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.440 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

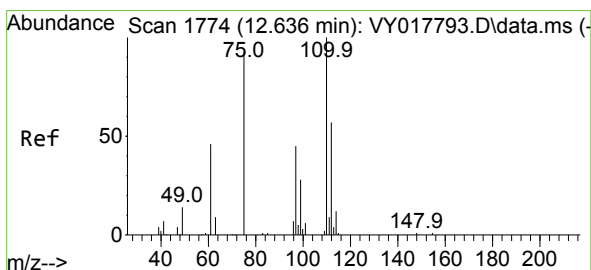
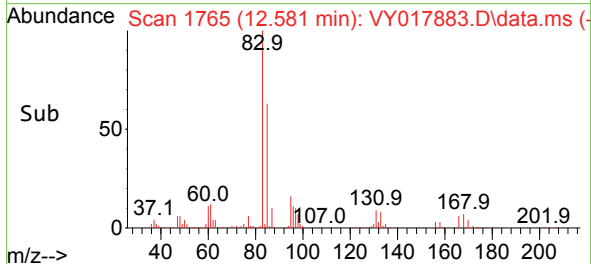
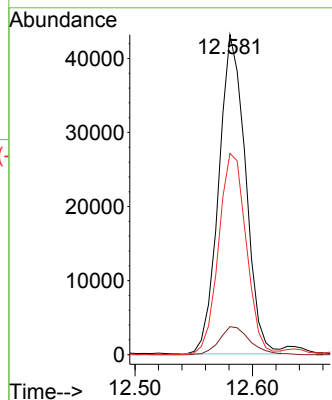
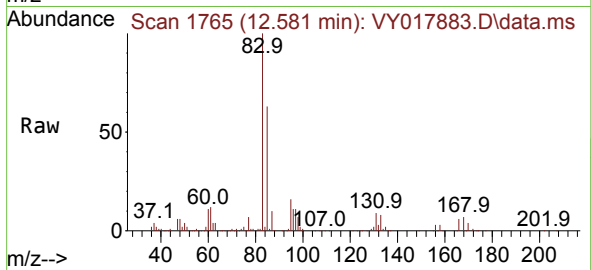
Tgt Ion: 83 Resp: 68372

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

85 65.3 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 90.164 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017883.D

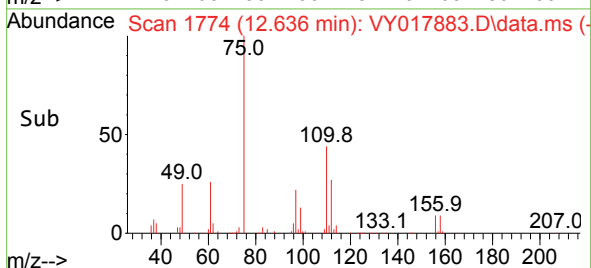
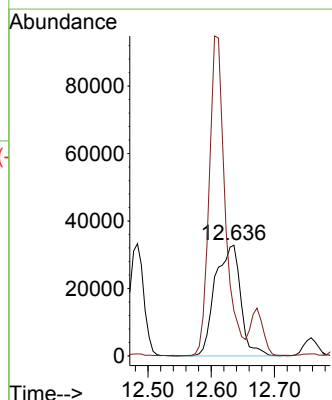
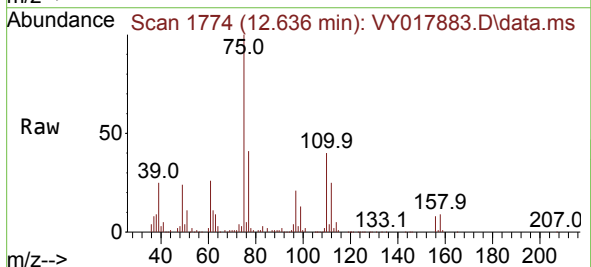
Acq: 09 Apr 2024 10:07

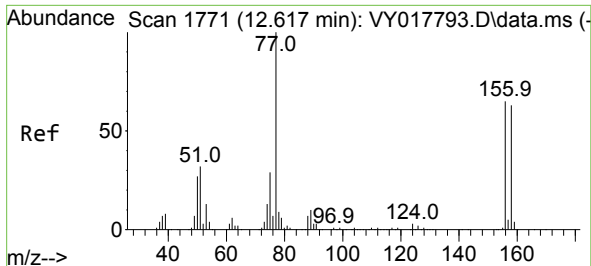
Tgt Ion: 75 Resp: 91872

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

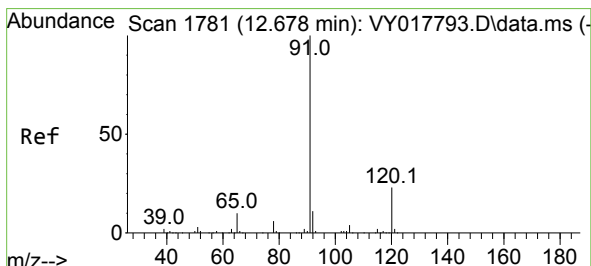
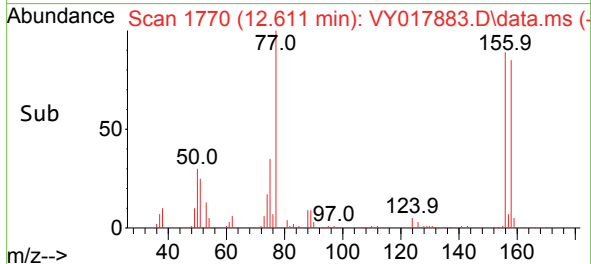
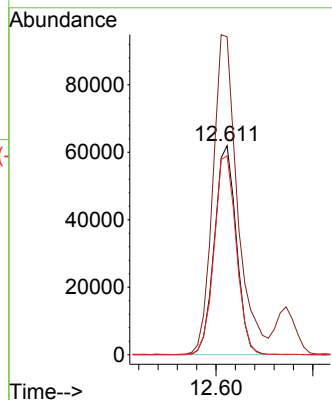
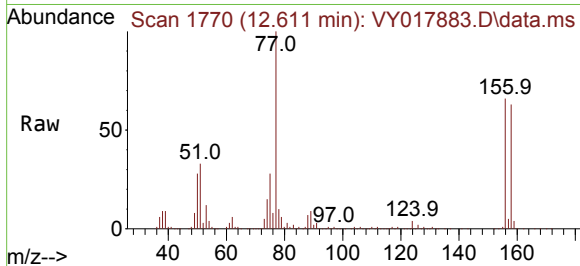




#77
Bromobenzene
Concen: 52.213 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

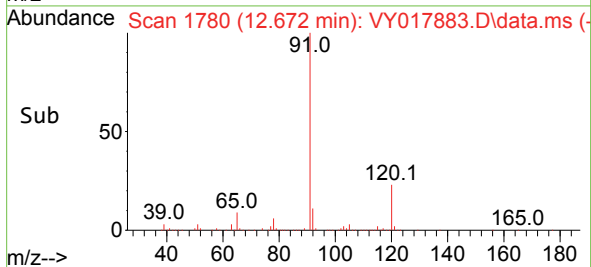
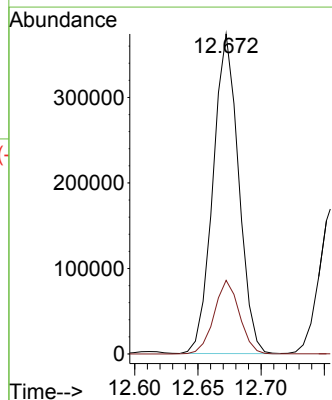
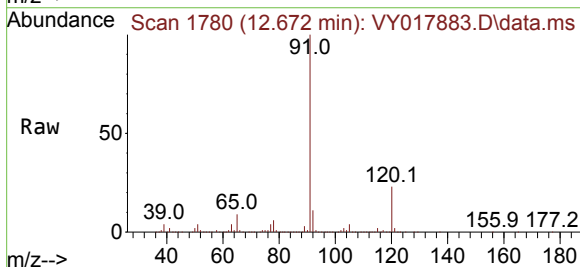
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

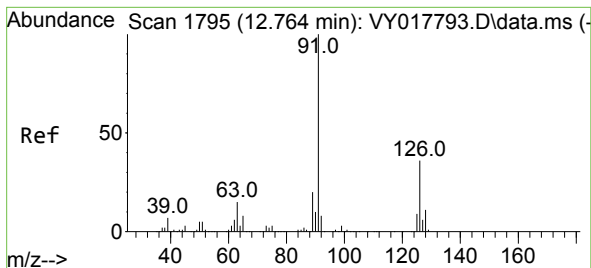
Tgt Ion:156 Resp: 97444
Ion Ratio Lower Upper
156 100
77 171.7 87.1 261.3
158 96.2 48.6 145.9



#78
n-propylbenzene
Concen: 55.066 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 91 Resp: 526525
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.544 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

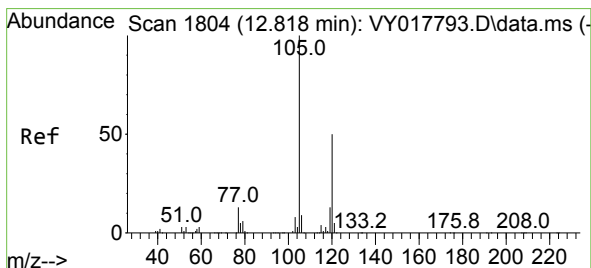
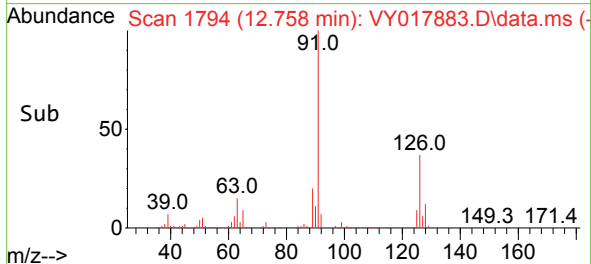
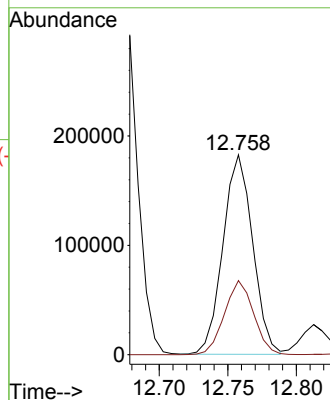
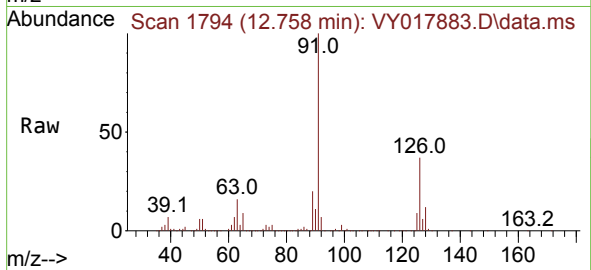
VSTDCCC050

Tgt Ion: 91 Resp: 275198

Ion Ratio Lower Upper

91 100

126 36.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 55.145 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY017883.D

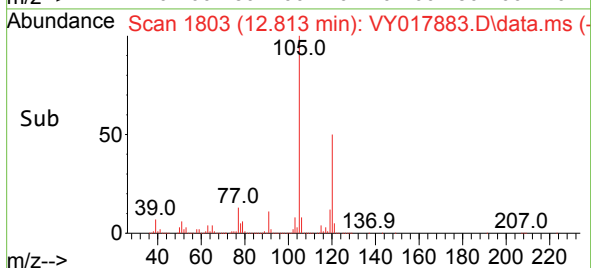
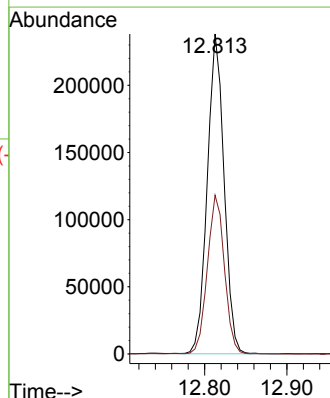
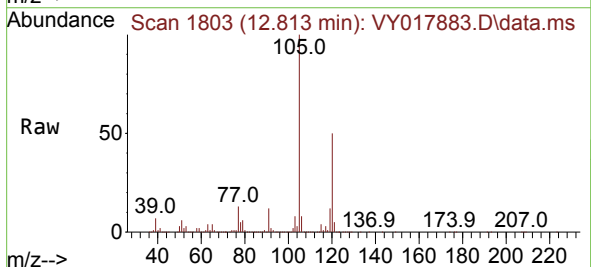
Acq: 09 Apr 2024 10:07

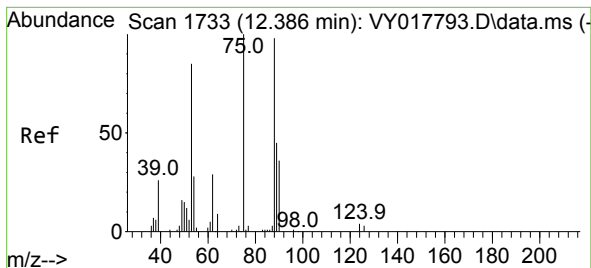
Tgt Ion: 105 Resp: 337238

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.2

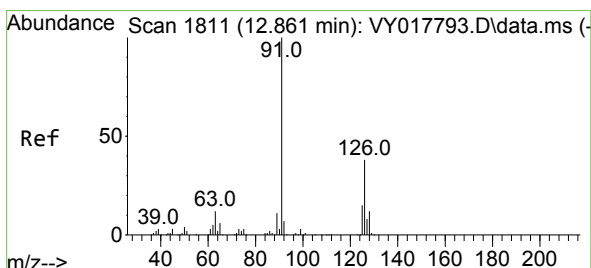
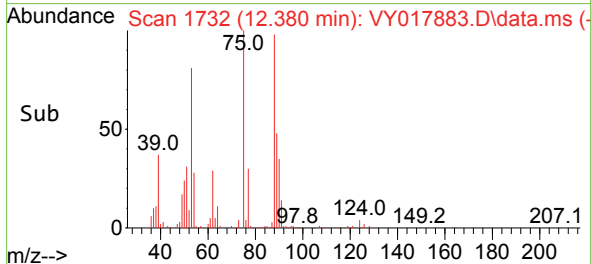
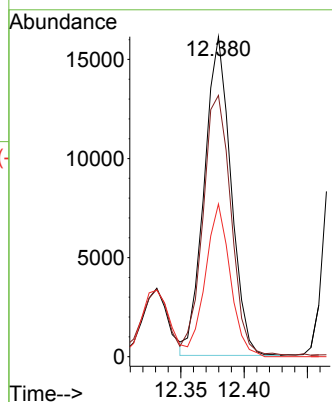
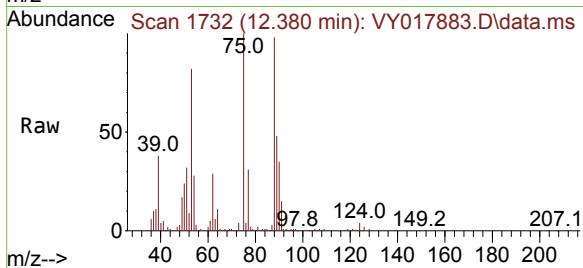




#81
trans-1,4-Dichloro-2-butene
Concen: 53.294 ug/l
RT: 12.380 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

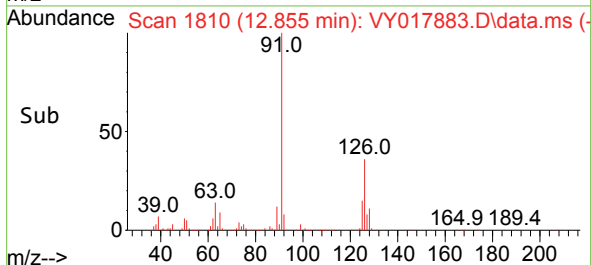
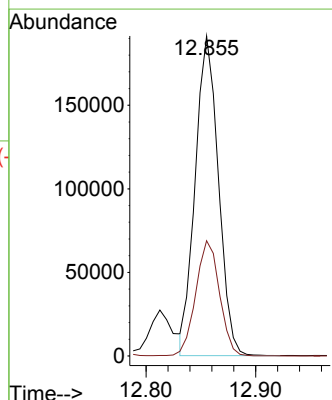
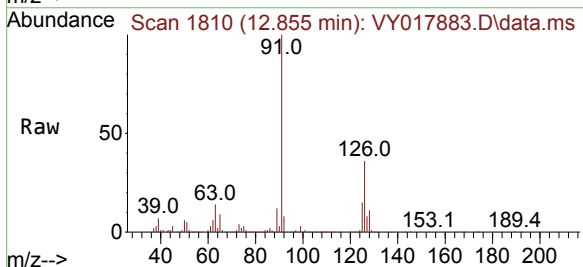
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

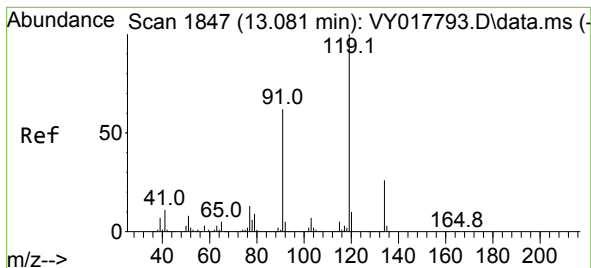
Tgt Ion: 75 Resp: 23548
Ion Ratio Lower Upper
75 100
53 86.2 66.8 100.2
89 44.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.745 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY017883.D
Acq: 09 Apr 2024 10:07

Tgt Ion: 91 Resp: 280621
Ion Ratio Lower Upper
91 100
126 37.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 55.638 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

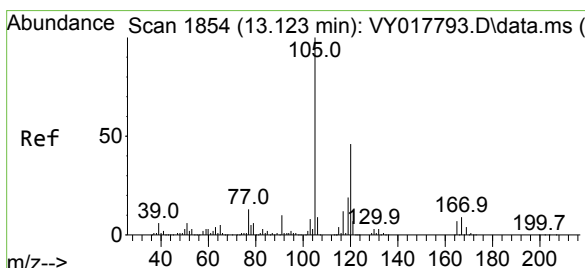
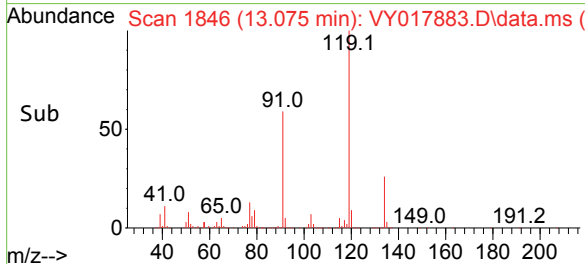
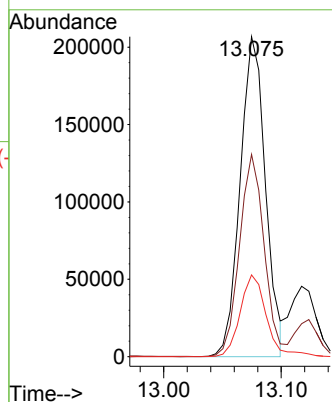
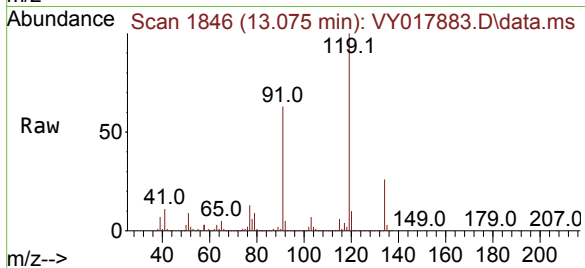
Tgt Ion:119 Resp: 309349

Ion Ratio Lower Upper

119 100

91 62.1 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 55.582 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY017883.D

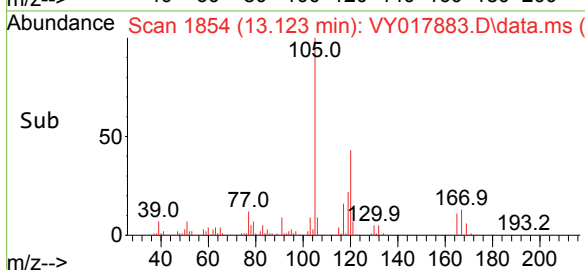
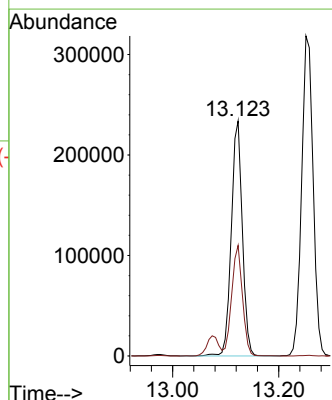
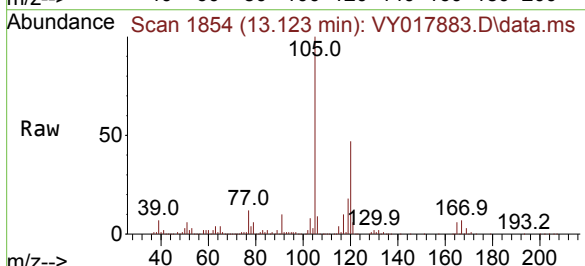
Acq: 09 Apr 2024 10:07

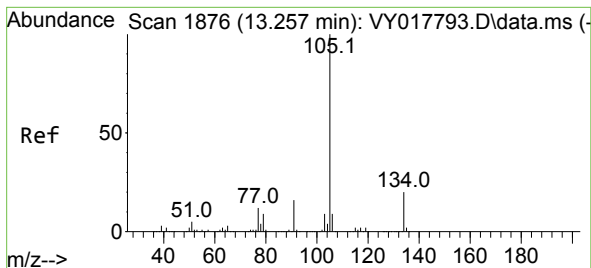
Tgt Ion:105 Resp: 338537

Ion Ratio Lower Upper

105 100

120 46.1 23.2 69.6





#85

sec-Butylbenzene

Concen: 57.028 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

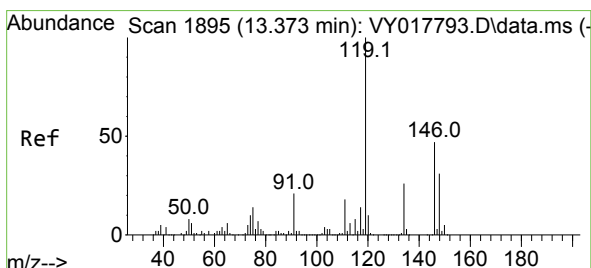
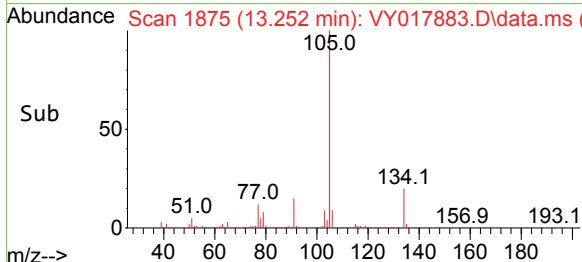
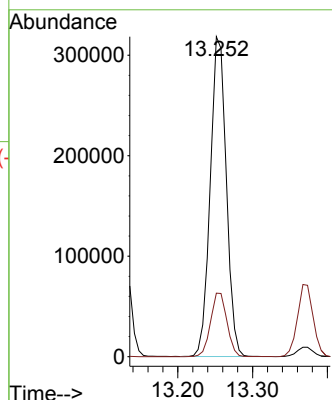
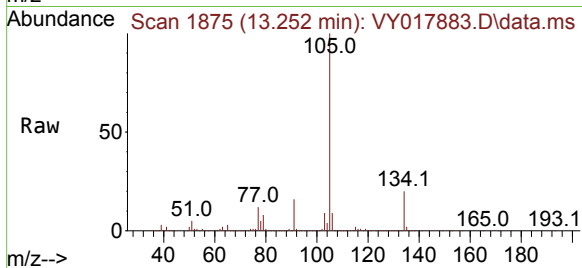
VSTDCCC050

Tgt Ion:105 Resp: 475907

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 56.974 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

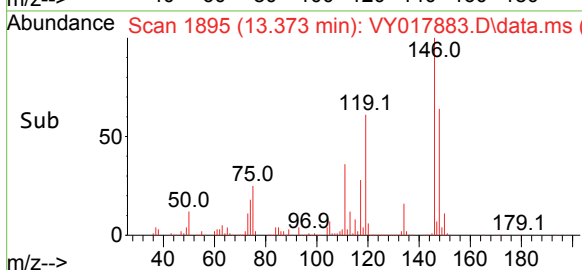
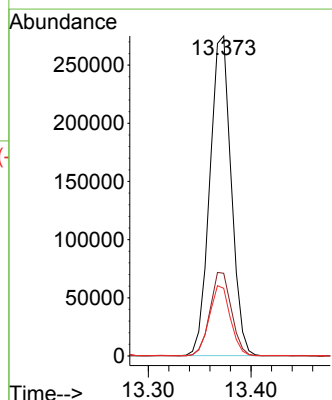
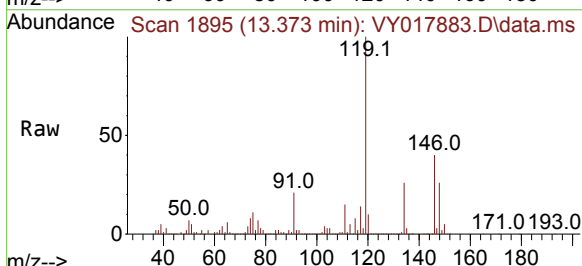
Tgt Ion:119 Resp: 397415

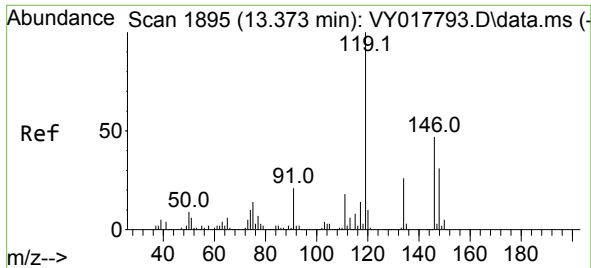
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 21.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.886 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

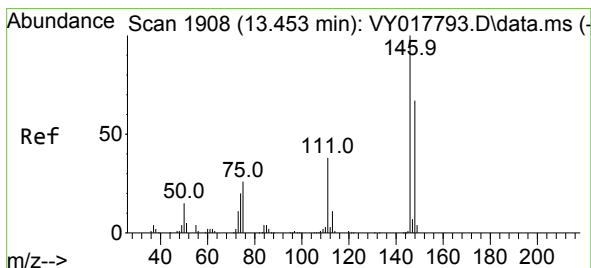
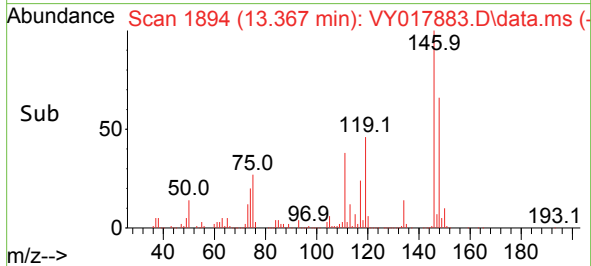
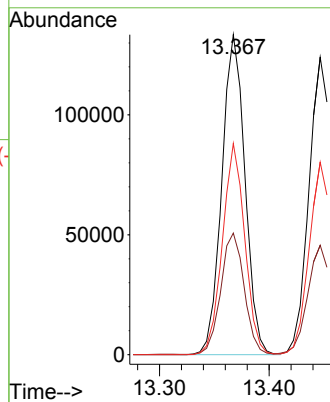
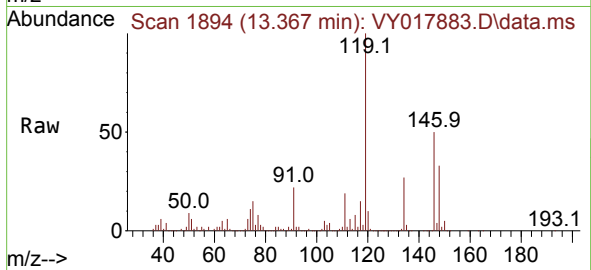
Tgt Ion:146 Resp: 195851

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.210 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

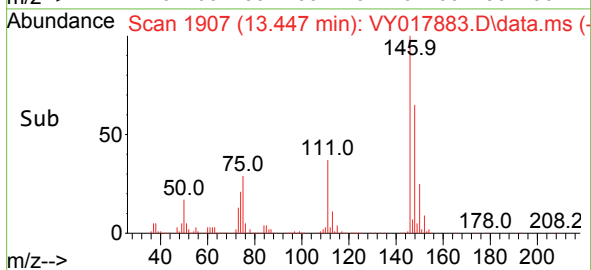
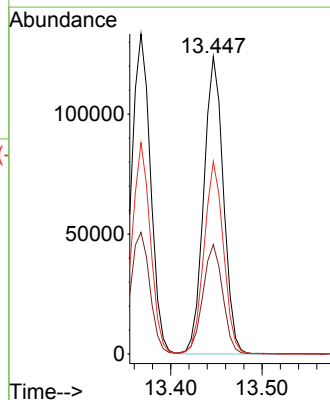
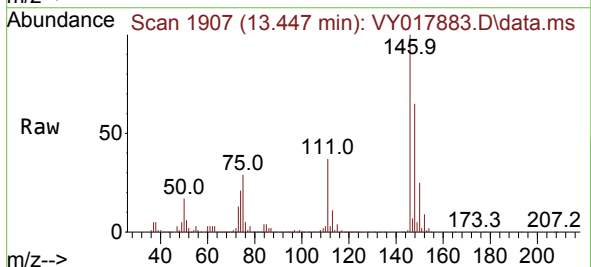
Tgt Ion:146 Resp: 185063

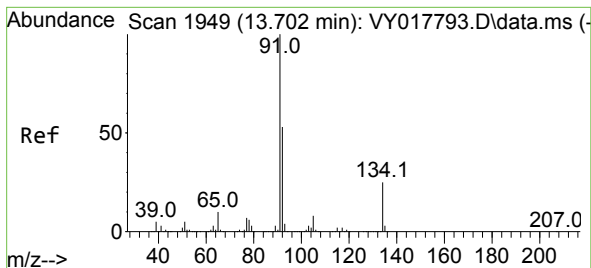
Ion Ratio Lower Upper

146 100

111 37.0 18.4 55.4

148 64.1 32.4 97.2





#89

n-Butylbenzene

Concen: 58.261 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

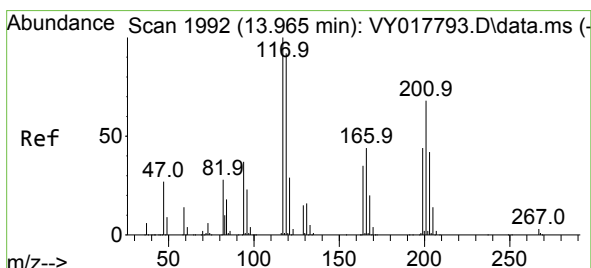
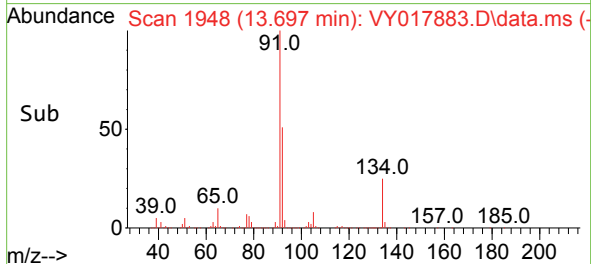
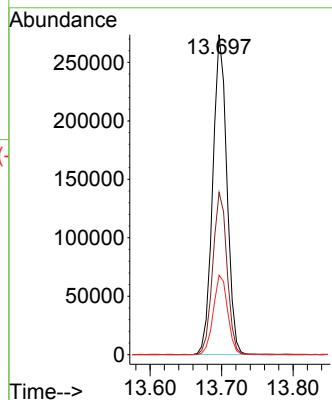
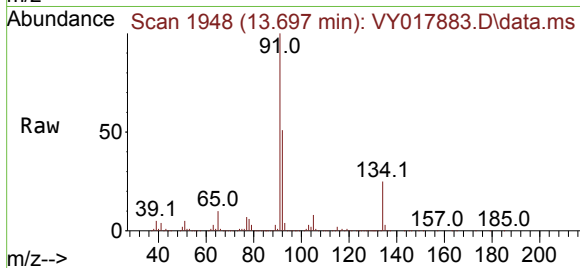
Tgt Ion: 91 Resp: 373899

Ion Ratio Lower Upper

91 100

92 51.5 26.6 79.7

134 25.4 12.9 38.7



#90

Hexachloroethane

Concen: 53.841 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.006 min

Lab File: VY017883.D

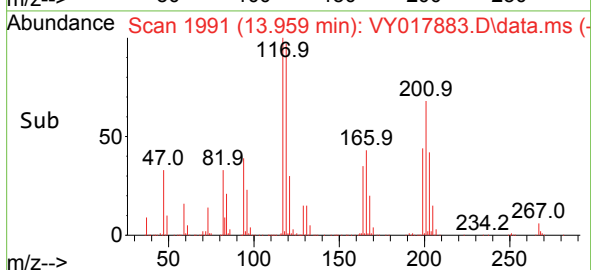
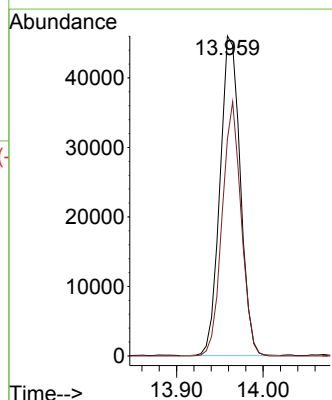
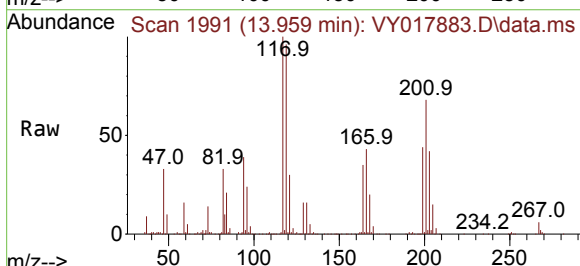
Acq: 09 Apr 2024 10:07

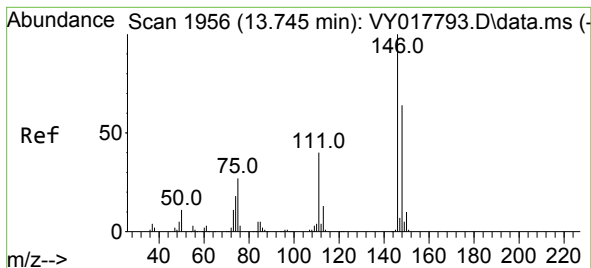
Tgt Ion: 117 Resp: 74679

Ion Ratio Lower Upper

117 100

201 74.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 52.344 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

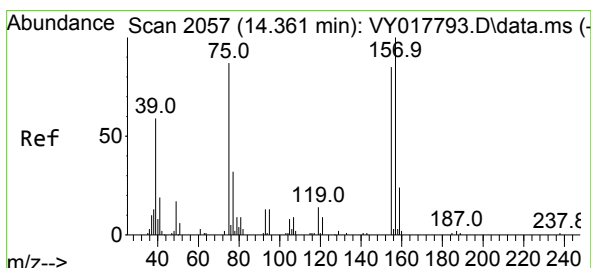
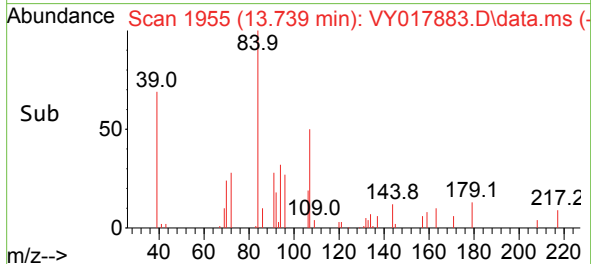
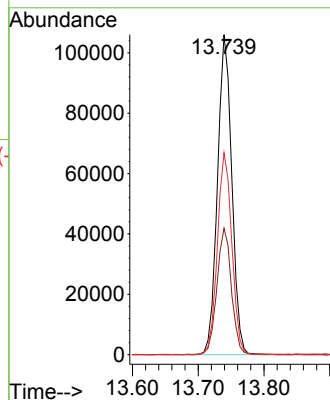
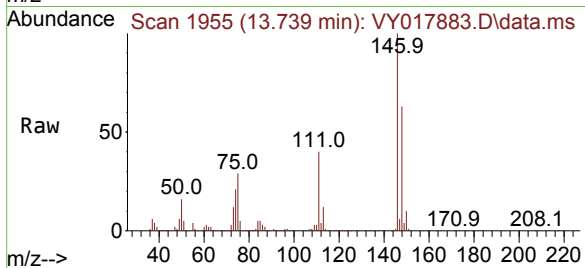
Tgt Ion:146 Resp: 160679

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

148 63.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.983 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

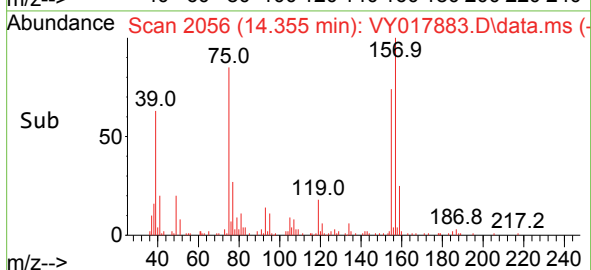
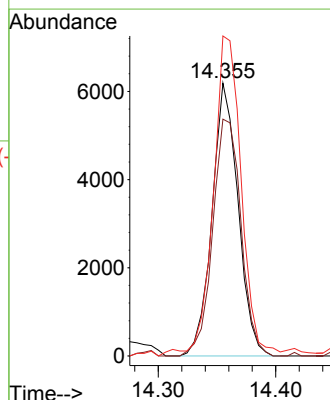
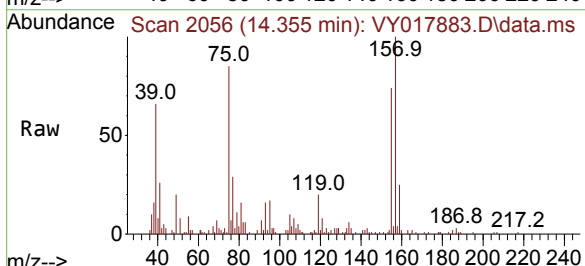
Tgt Ion: 75 Resp: 9522

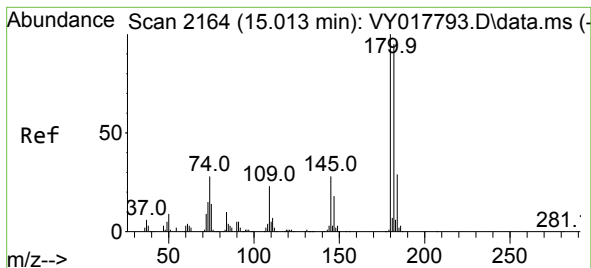
Ion Ratio Lower Upper

75 100

155 94.2 48.6 145.8

157 126.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 55.312 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

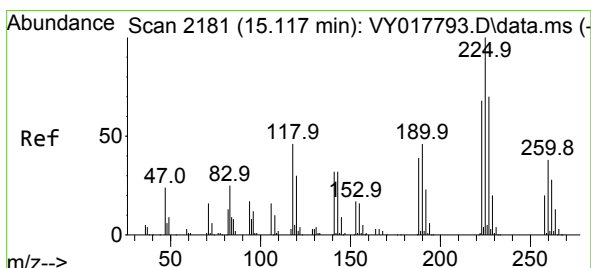
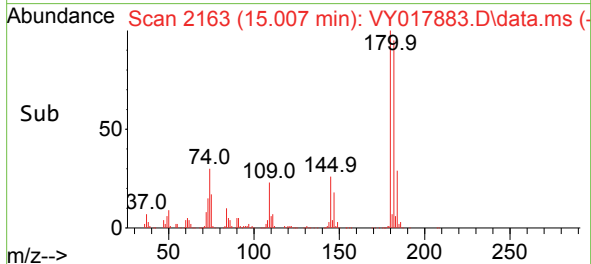
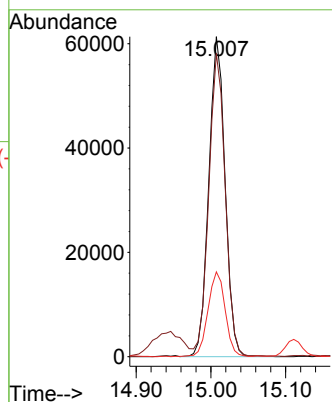
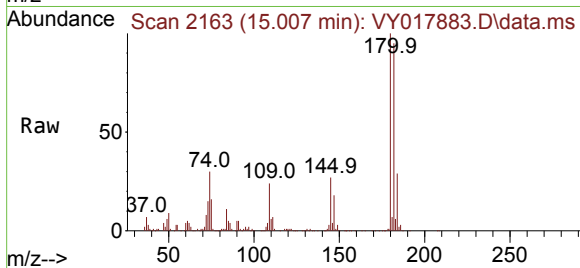
Tgt Ion:180 Resp: 92999

Ion Ratio Lower Upper

180 100

182 95.5 47.9 143.8

145 28.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.804 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

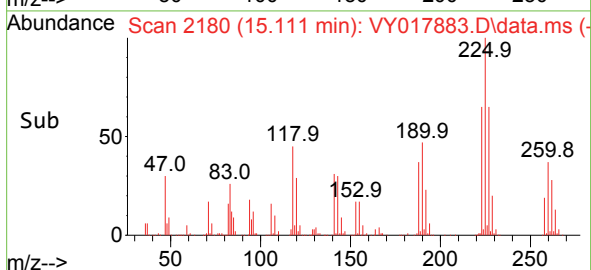
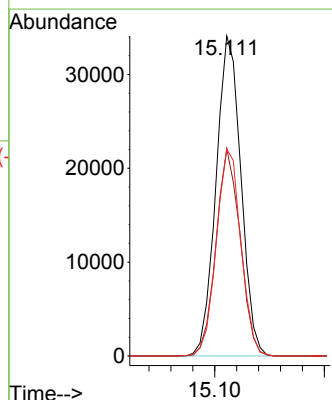
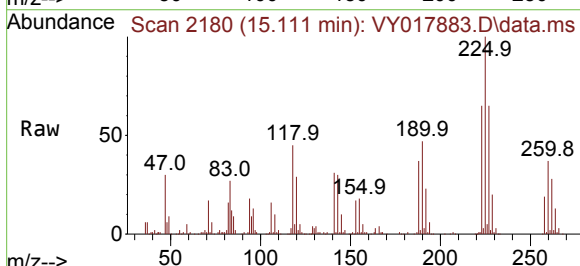
Tgt Ion:225 Resp: 53820

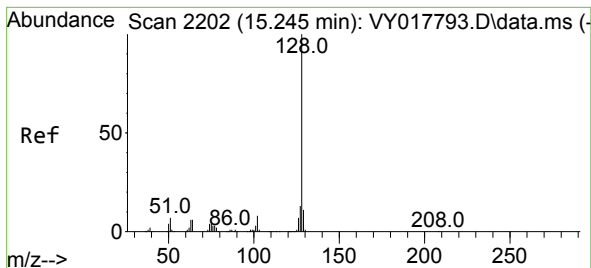
Ion Ratio Lower Upper

225 100

223 62.8 30.4 91.2

227 63.7 31.9 95.9





#95

Naphthalene

Concen: 58.137 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

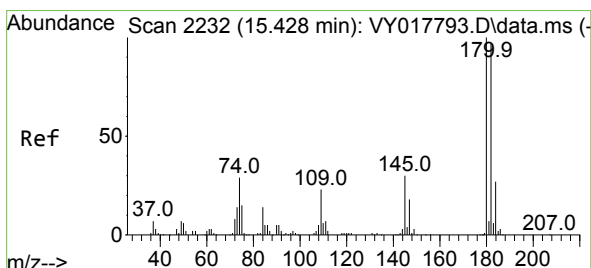
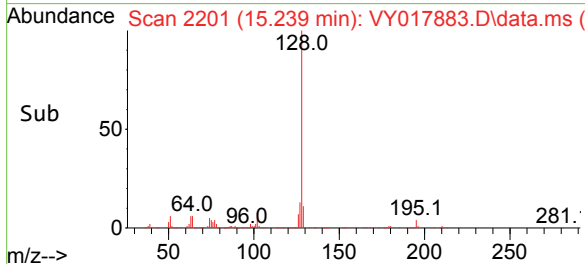
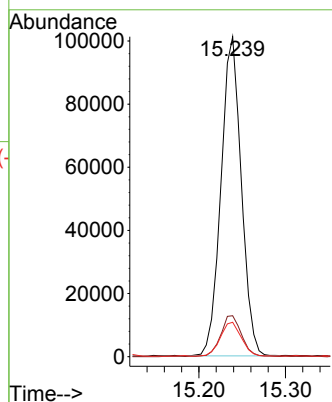
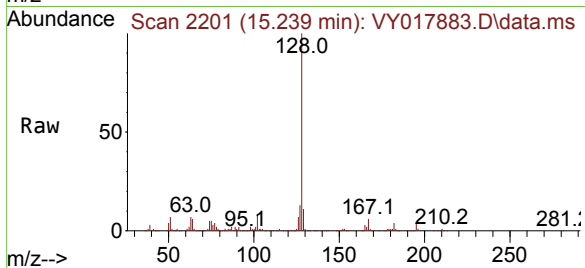
Tgt Ion:128 Resp: 164727

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.119 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY017883.D

Acq: 09 Apr 2024 10:07

Tgt Ion:180 Resp: 76862

Ion Ratio Lower Upper

180 100

182 92.4 47.6 142.9

145 29.3 15.4 46.1

