

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017823.D
 Acq On : 03 Apr 2024 09:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 04 01:06:36 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	7.801	168	254415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	382537	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	340150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	156746	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	113259	51.445	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.900%	
35) Dibromofluoromethane	7.728	113	126429	57.196	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.400%	
50) Toluene-d8	10.191	98	475811	57.625	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 115.240%	
62) 4-Bromofluorobenzene	12.495	95	144202	57.401	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	78910	46.378	ug/l	100
3) Chloromethane	2.119	50	144304	43.455	ug/l	99
4) Vinyl Chloride	2.259	62	191171	44.050	ug/l	98
5) Bromomethane	2.662	94	145936	41.589	ug/l	99
6) Chloroethane	2.802	64	127801	45.135	ug/l	99
7) Trichlorofluoromethane	3.131	101	196233	46.367	ug/l	95
8) Diethyl Ether	3.534	74	56284	45.274	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.906	101	120790	47.591	ug/l	100
10) Methyl Iodide	4.101	142	141866	51.398	ug/l	99
11) Tert butyl alcohol	4.960	59	34178	209.112	ug/l #	83
12) 1,1-Dichloroethene	3.881	96	112075	47.188	ug/l	96
13) Acrolein	3.735	56	36562	237.045	ug/l	98
14) Allyl chloride	4.491	41	138417	47.504	ug/l	100
15) Acrylonitrile	5.174	53	117362	223.644	ug/l	100
16) Acetone	3.954	43	114052	250.622	ug/l	93
17) Carbon Disulfide	4.204	76	315872	46.996	ug/l	98
18) Methyl Acetate	4.491	43	44100	43.751	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	249806	45.936	ug/l	100
20) Methylene Chloride	4.735	84	126153	44.971	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	122553	48.220	ug/l	96
22) Diisopropyl ether	6.137	45	328011	48.705	ug/l	98
23) Vinyl Acetate	6.070	43	965973	234.922	ug/l	98
24) 1,1-Dichloroethane	6.033	63	217318	48.618	ug/l	98
25) 2-Butanone	7.003	43	152353	235.008	ug/l	95
26) 2,2-Dichloropropane	6.996	77	185930	48.159	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	146658	48.826	ug/l	98
28) Bromochloromethane	7.350	49	90151	49.595	ug/l	95
29) Tetrahydrofuran	7.362	42	86037	221.179	ug/l	99
30) Chloroform	7.521	83	224067	48.313	ug/l	97
31) Cyclohexane	7.801	56	178384	45.995	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	191618	48.544	ug/l	97
36) 1,1-Dichloropropene	7.929	75	166057	51.487	ug/l	98
37) Ethyl Acetate	7.088	43	61671	44.309	ug/l	98
38) Carbon Tetrachloride	7.917	117	173585	51.844	ug/l	100
39) Methylcyclohexane	9.197	83	207923	51.611	ug/l	96
40) Benzene	8.173	78	501720	50.477	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	29678	38.921	ug/l	91
42) 1,2-Dichloroethane	8.252	62	120185	49.126	ug/l	99
43) Isopropyl Acetate	8.283	43	117363	46.464	ug/l	99
44) Trichloroethene	8.953	130	130952	50.639	ug/l	96
45) 1,2-Dichloropropane	9.228	63	116310	50.358	ug/l	98
46) Dibromomethane	9.319	93	65672	50.048	ug/l	99
47) Bromodichloromethane	9.508	83	167703	50.580	ug/l	99
48) Methyl methacrylate	9.307	41	53442	49.892	ug/l	98
49) 1,4-Dioxane	9.313	88	14057	954.265	ug/l #	98
51) 4-Methyl-2-Pentanone	10.081	43	323934	257.799	ug/l	100
52) Toluene	10.258	92	314468	52.159	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	149551	50.800	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	181357	50.475	ug/l	99
55) 1,1,2-Trichloroethane	10.654	97	86728	49.603	ug/l	98
56) Ethyl methacrylate	10.520	69	113544	52.477	ug/l	99
57) 1,3-Dichloropropane	10.801	76	148070	50.071	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	272441	250.968	ug/l	99
59) 2-Hexanone	10.843	43	235947	262.882	ug/l	99
60) Dibromochloromethane	10.996	129	112723	51.116	ug/l	99
61) 1,2-Dibromoethane	11.105	107	79327	49.756	ug/l	99
64) Tetrachloroethene	10.734	164	147083	49.576	ug/l	99
65) Chlorobenzene	11.532	112	344892	49.428	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	117804	49.723	ug/l	99
67) Ethyl Benzene	11.605	91	609440	50.808	ug/l	99
68) m/p-Xylenes	11.715	106	463769	101.949	ug/l	98
69) o-Xylene	12.044	106	216006	56.110	ug/l	99
70) Styrene	12.057	104	369877	55.804	ug/l	99
71) Bromoform	12.221	173	64972	49.473	ug/l #	98
73) Isopropylbenzene	12.343	105	572112	52.082	ug/l	100
74) N-amyl acetate	12.154	43	103621	50.006	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	91746	48.283	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	119779	83.858	ug/l #	100
77) Bromobenzene	12.623	156	130496	49.880	ug/l	99
78) n-propylbenzene	12.684	91	705803	52.658	ug/l	100
79) 2-Chlorotoluene	12.770	91	376533	51.285	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	445728	51.993	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	30742	50.154	ug/l	98
82) 4-Chlorotoluene	12.867	91	387829	51.015	ug/l	100
83) tert-Butylbenzene	13.087	119	403156	51.726	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	441424	51.701	ug/l	100
85) sec-Butylbenzene	13.270	105	619897	52.991	ug/l	100
86) p-Isopropyltoluene	13.379	119	507310	51.882	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	254509	49.027	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	247103	49.731	ug/l	99
89) n-Butylbenzene	13.709	91	474414	52.735	ug/l	99
90) Hexachloroethane	13.977	117	98832	50.830	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	217542	50.555	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	11619	45.250	ug/l	96
93) 1,2,4-Trichlorobenzene	15.019	180	116056	49.241	ug/l	99
94) Hexachlorobutadiene	15.123	225	70785	49.542	ug/l	98
95) Naphthalene	15.251	128	182783	47.973	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	93797	47.113	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
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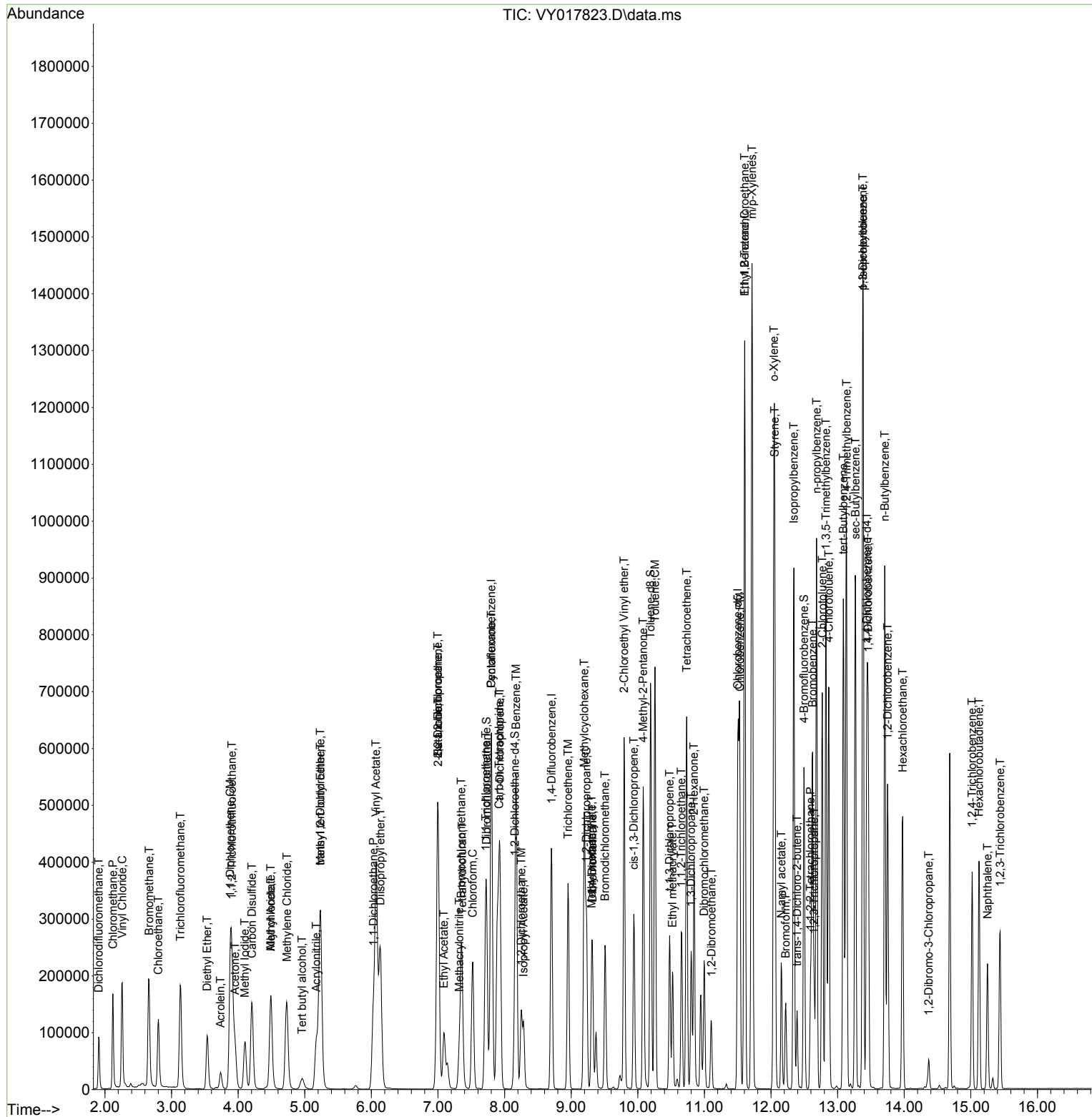
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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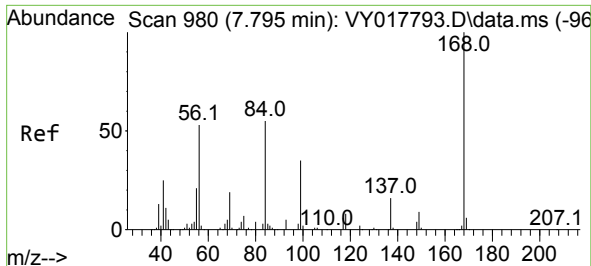
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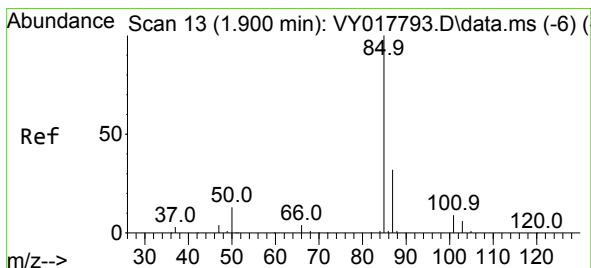
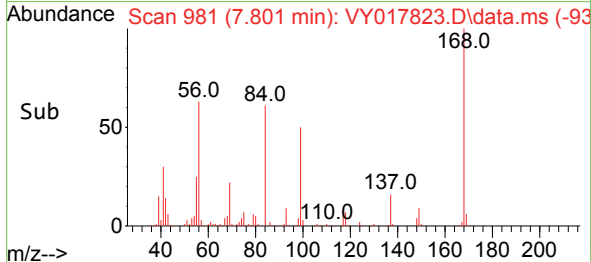
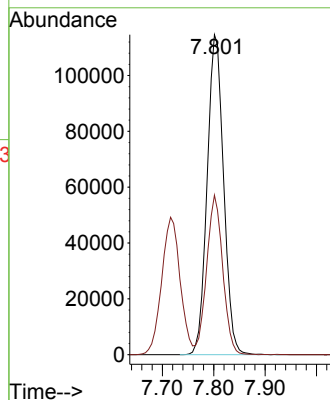
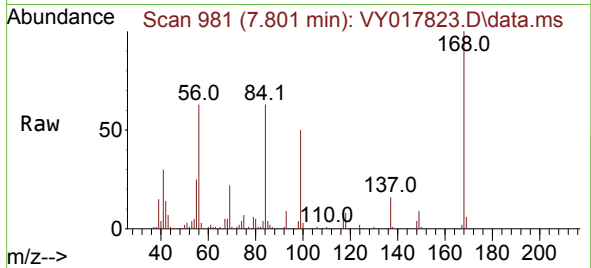




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

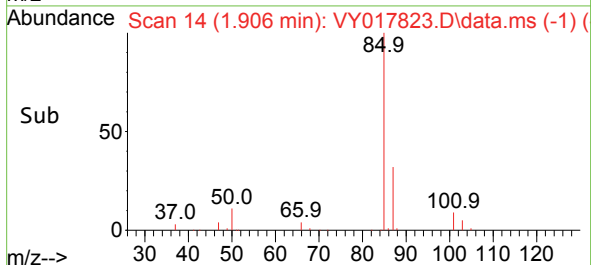
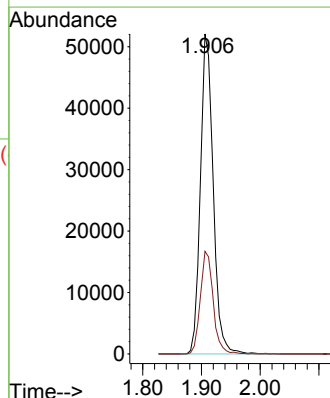
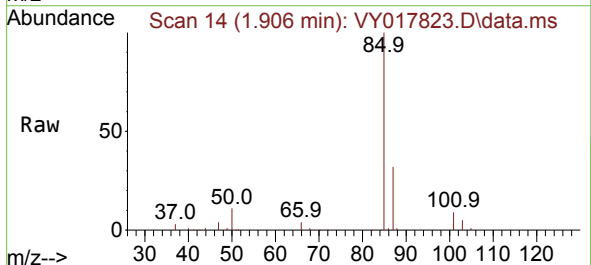
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

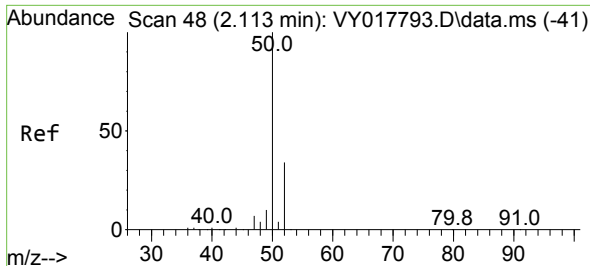
Tgt Ion:168 Resp: 254415
Ion Ratio Lower Upper
168 100
99 49.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.378 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 85 Resp: 78910
Ion Ratio Lower Upper
85 100
87 32.1 16.0 48.0

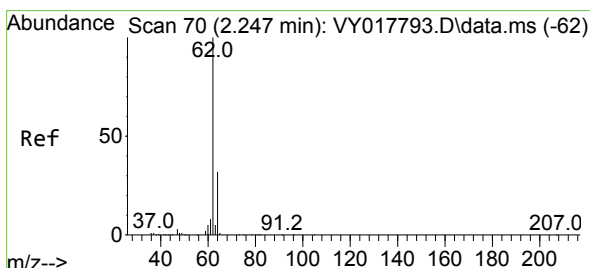
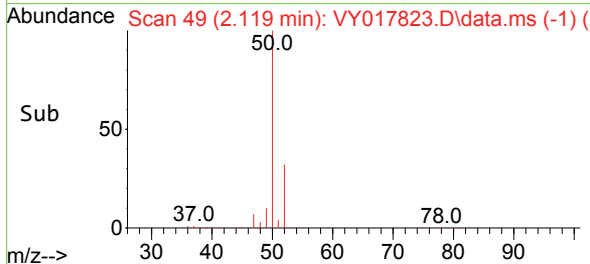
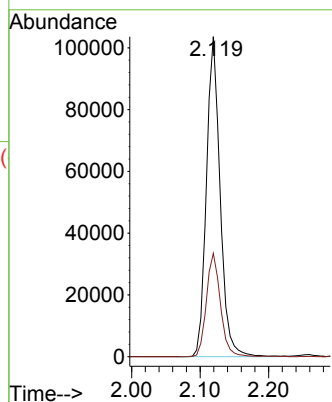
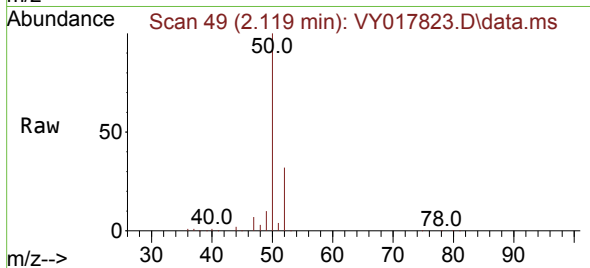




#3
Chloromethane
Concen: 43.455 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

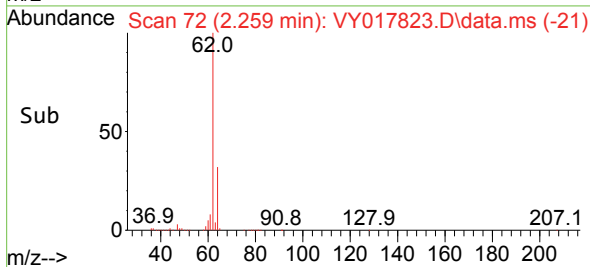
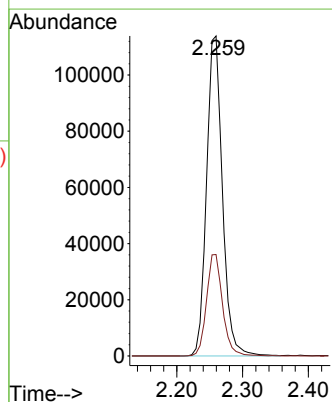
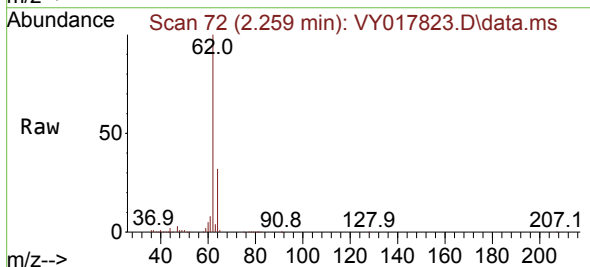
Instrument :
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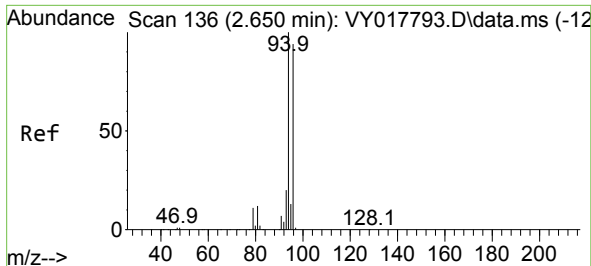
Tgt Ion: 50 Resp: 144304
Ion Ratio Lower Upper
50 100
52 32.3 25.6 38.4



#4
Vinyl Chloride
Concen: 44.050 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 62 Resp: 191171
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1





#5

Bromomethane

Concen: 41.589 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

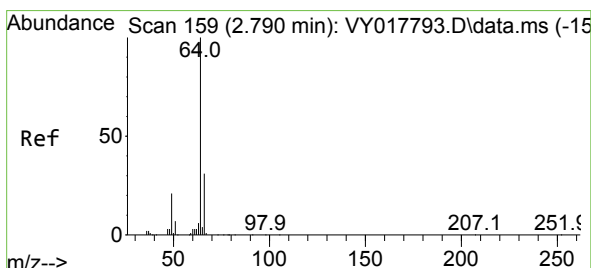
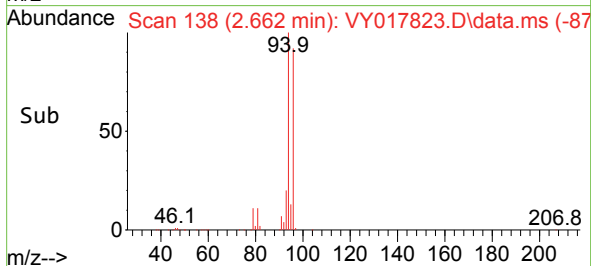
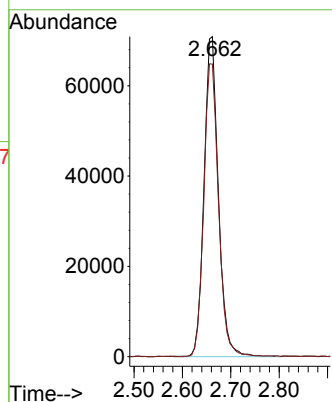
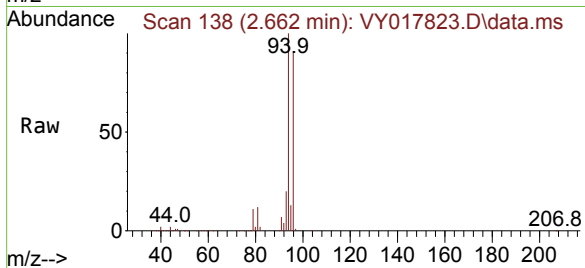
VSTDCCC050

Tgt Ion: 94 Resp: 145936

Ion Ratio Lower Upper

94 100

96 91.5 74.1 111.1



#6

Chloroethane

Concen: 45.135 ug/l

RT: 2.802 min Scan# 161

Delta R.T. 0.012 min

Lab File: VY017823.D

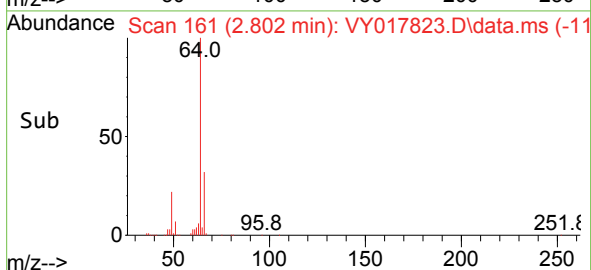
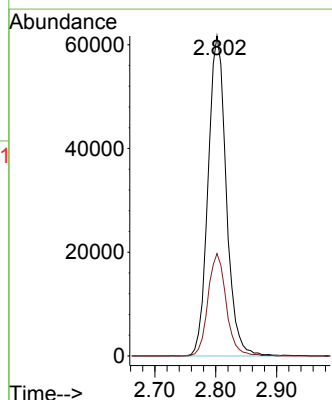
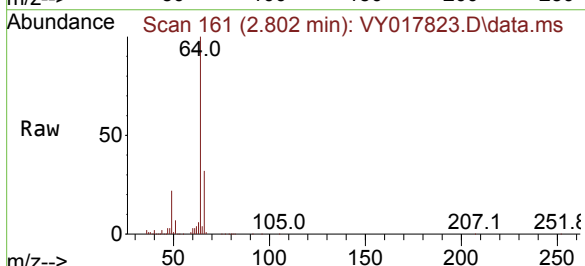
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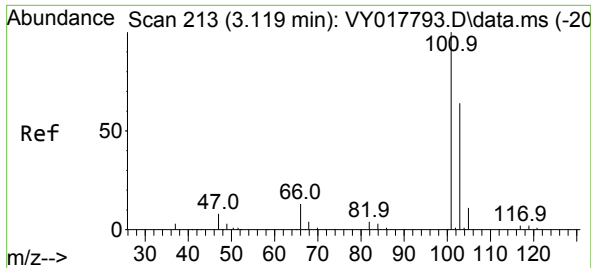
Tgt Ion: 64 Resp: 127801

Ion Ratio Lower Upper

64 100

66 32.0 26.1 39.1

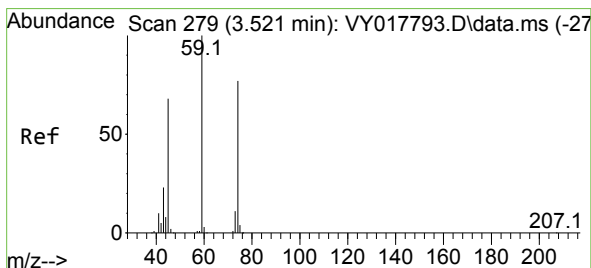
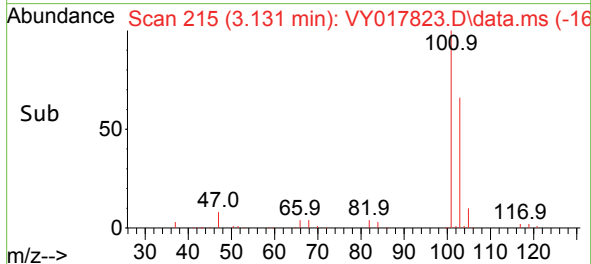
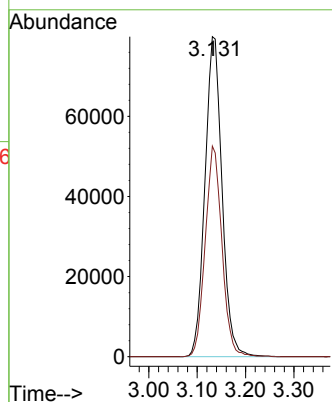
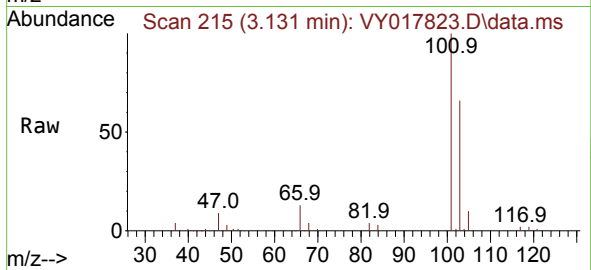




#7
Trichlorofluoromethane
Concen: 46.367 ug/l
RT: 3.131 min Scan# 213
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

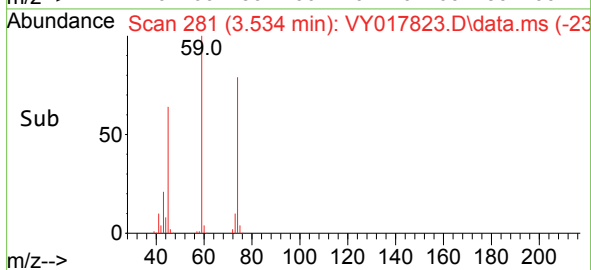
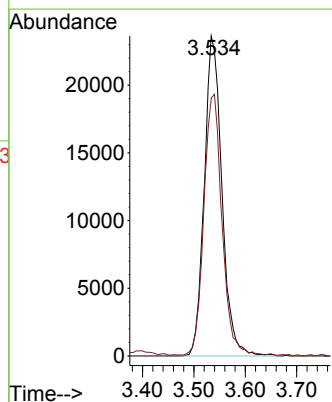
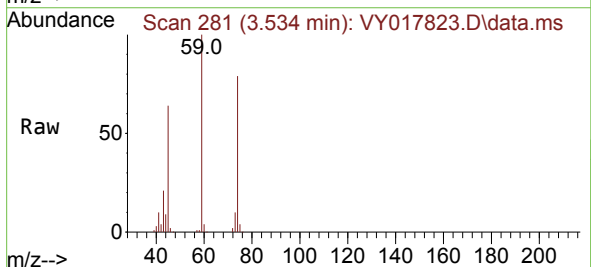
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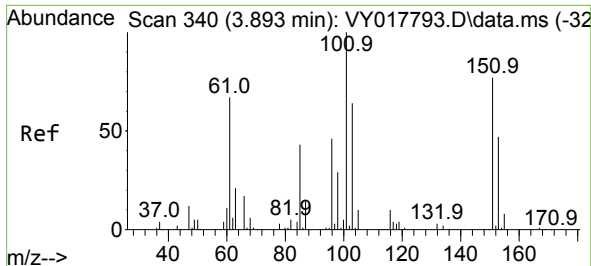
Tgt Ion:101 Resp: 196233
Ion Ratio Lower Upper
101 100
103 65.8 49.3 73.9



#8
Diethyl Ether
Concen: 45.274 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 74 Resp: 56284
Ion Ratio Lower Upper
74 100
45 83.9 41.3 124.1

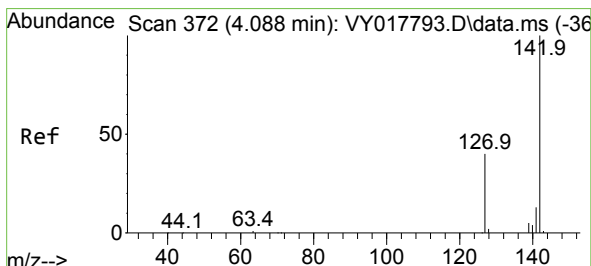
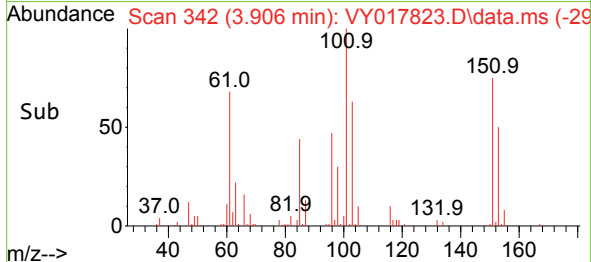
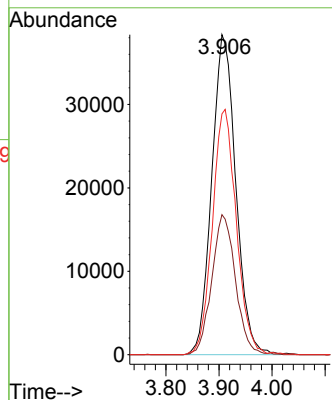
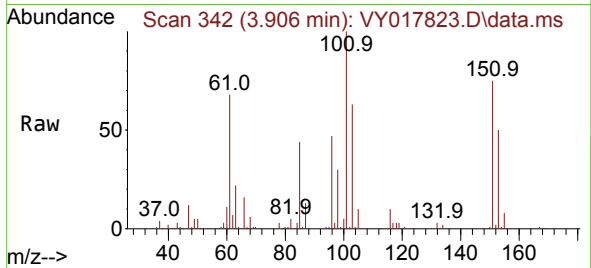




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.591 ug/l
RT: 3.906 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

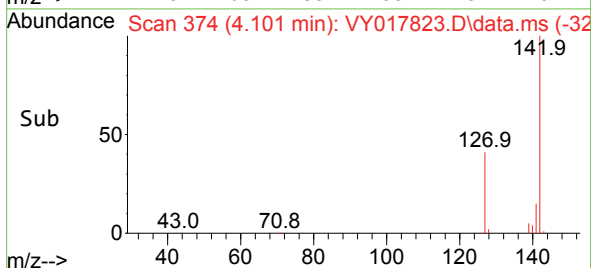
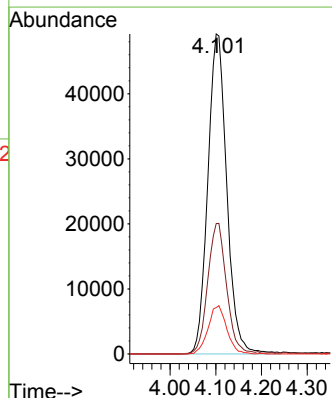
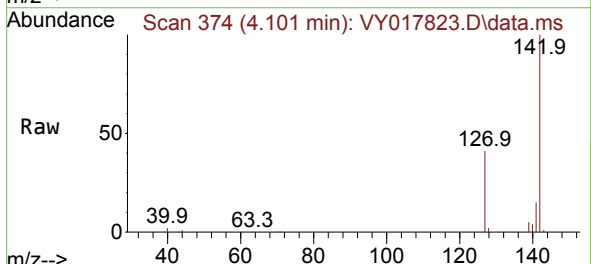
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

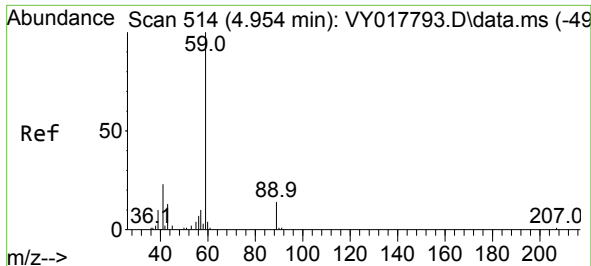
Tgt Ion:101 Resp: 120790
Ion Ratio Lower Upper
101 100
85 43.2 34.5 51.7
151 76.7 61.7 92.5



#10
Methyl Iodide
Concen: 51.398 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion:142 Resp: 141866
Ion Ratio Lower Upper
142 100
127 40.6 32.8 49.2
141 14.8 11.4 17.2

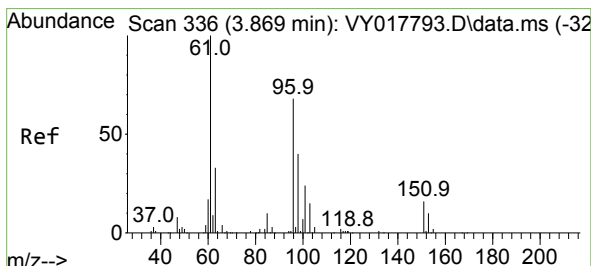
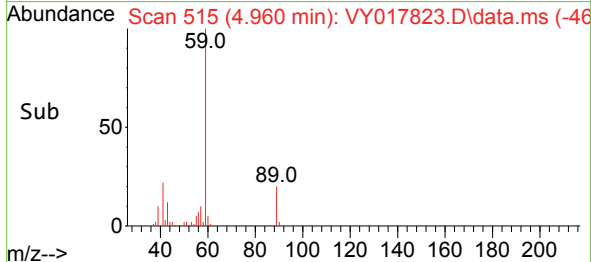
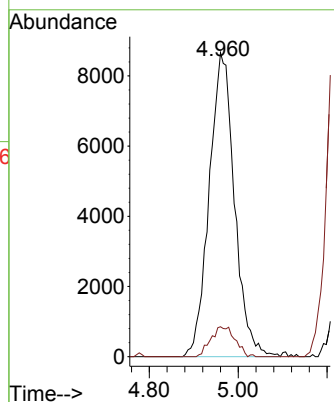
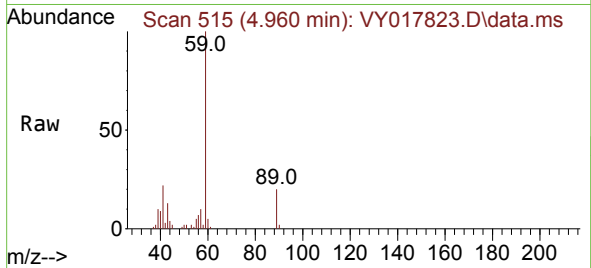




#11
Tert butyl alcohol
Concen: 209.112 ug/l
RT: 4.960 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

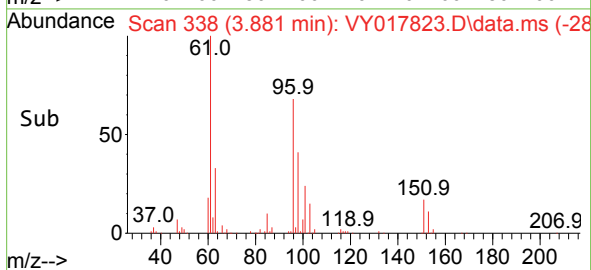
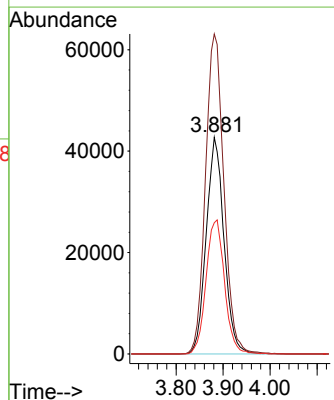
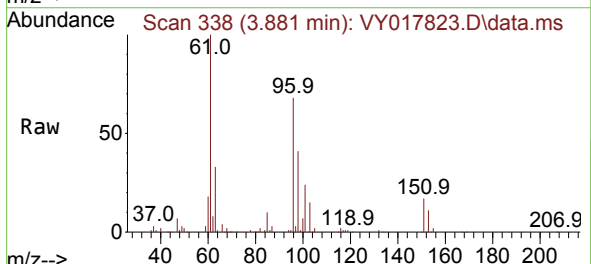
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

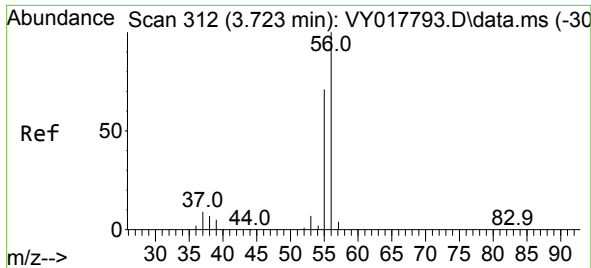
Tgt Ion: 59 Resp: 34178
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 47.188 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 96 Resp: 112075
Ion Ratio Lower Upper
96 100
61 147.7 114.6 171.8
98 60.6 50.8 76.2





#13

Acrolein

Concen: 237.045 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

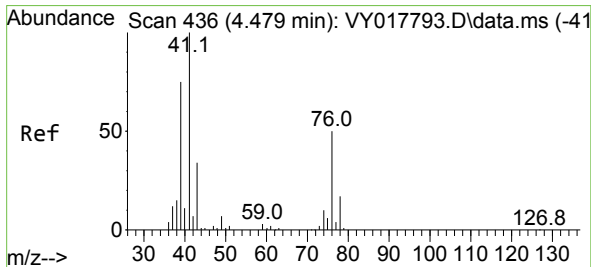
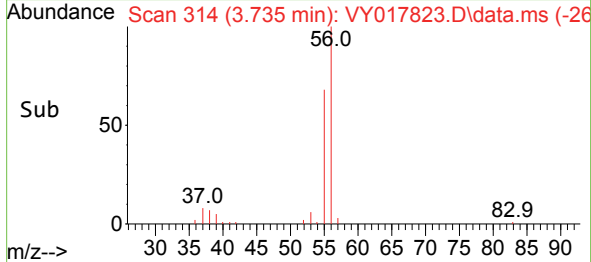
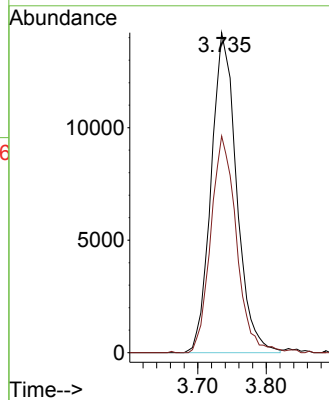
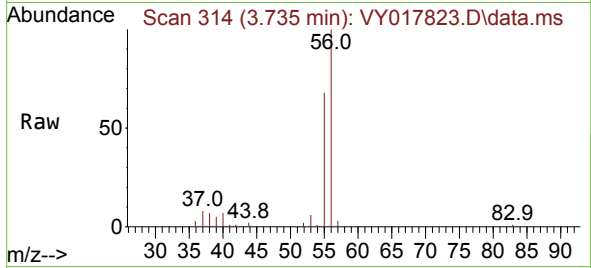
VSTDCCC050

Tgt Ion: 56 Resp: 36562

Ion Ratio Lower Upper

56 100

55 68.3 55.7 83.5



#14

Allyl chloride

Concen: 47.504 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.012 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

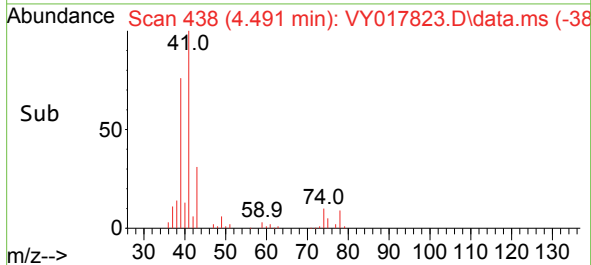
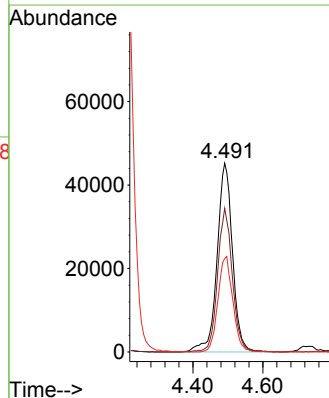
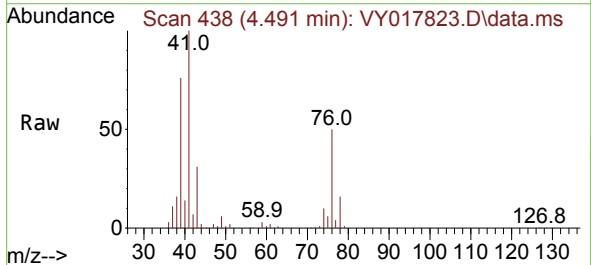
Tgt Ion: 41 Resp: 138417

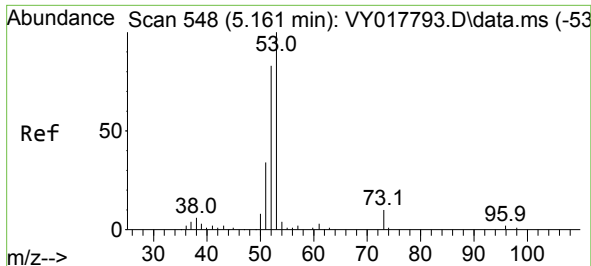
Ion Ratio Lower Upper

41 100

39 73.0 58.3 87.5

76 48.7 39.0 58.6

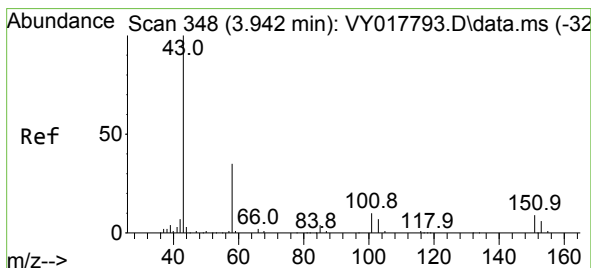
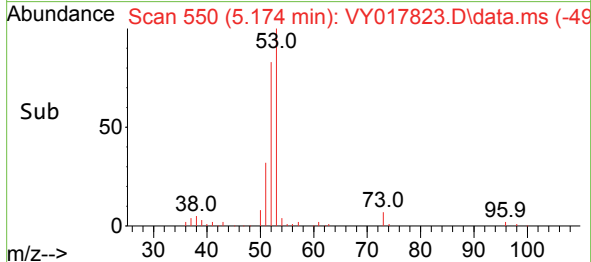
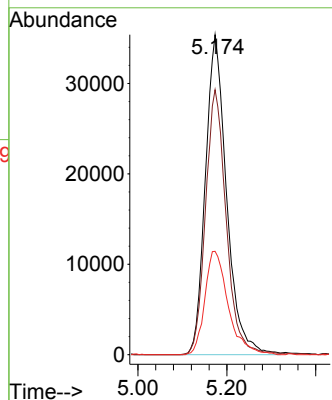
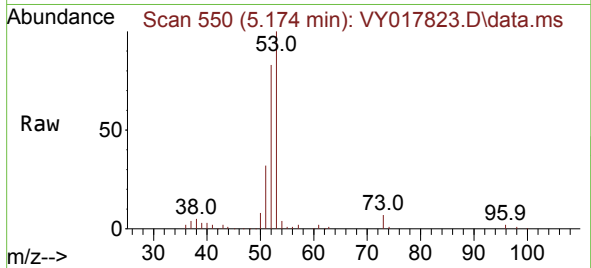




#15
Acrylonitrile
Concen: 223.644 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

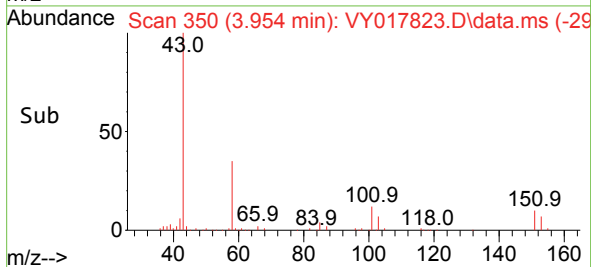
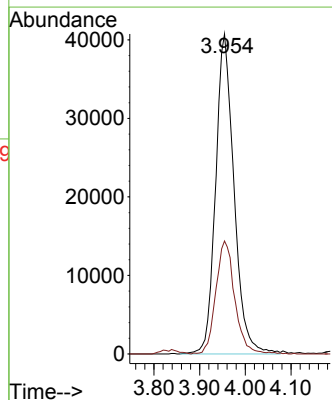
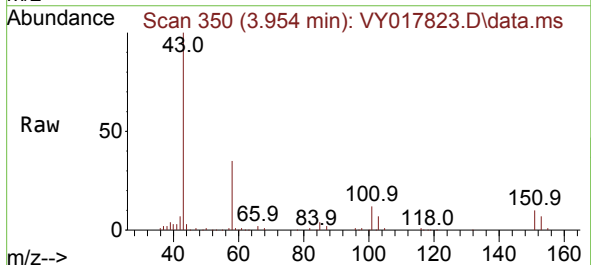
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

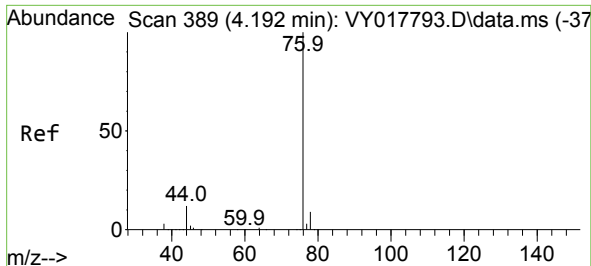
Tgt Ion: 53 Resp: 117362
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 35.7 28.4 42.6



#16
Acetone
Concen: 250.622 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 43 Resp: 114052
Ion Ratio Lower Upper
43 100
58 35.0 31.7 47.5

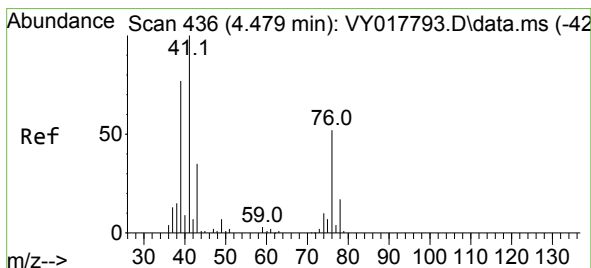
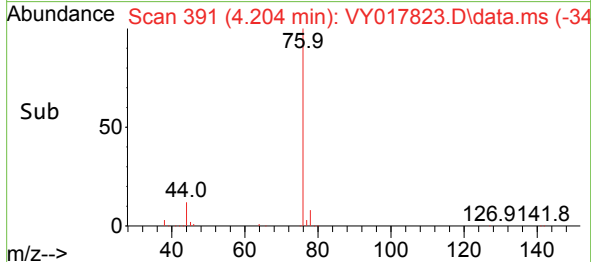
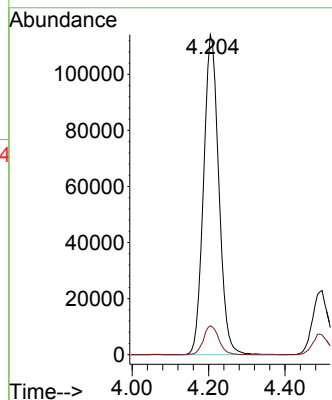
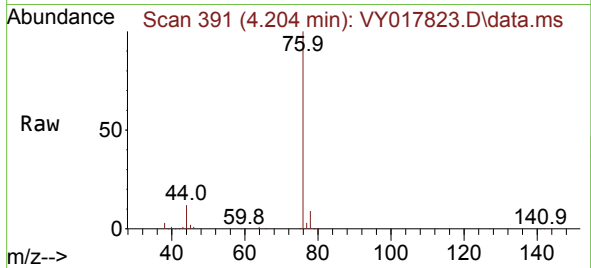




#17
Carbon Disulfide
Concen: 46.996 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

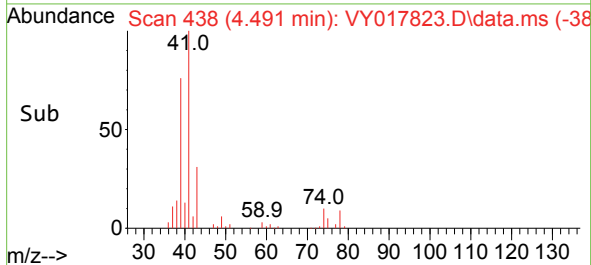
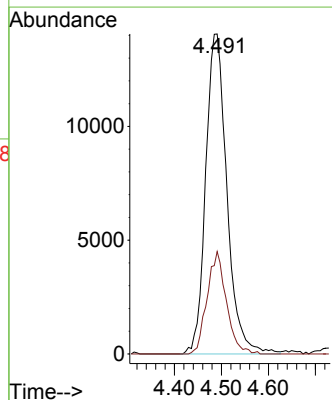
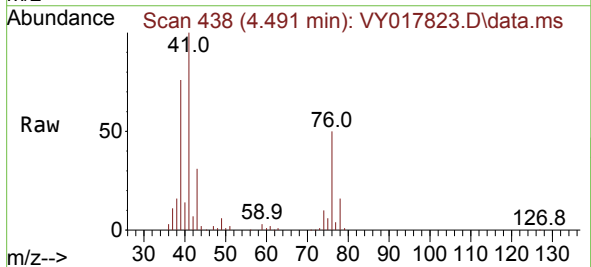
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

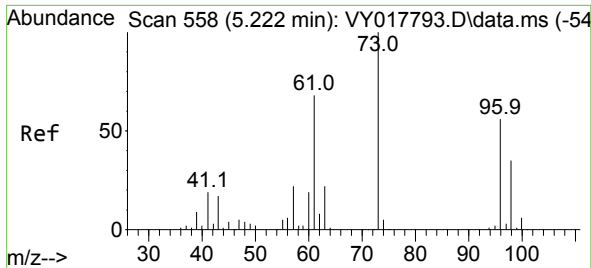
Tgt Ion: 76 Resp: 315872
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 43.751 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 43 Resp: 44100
Ion Ratio Lower Upper
43 100
74 29.0 23.3 34.9

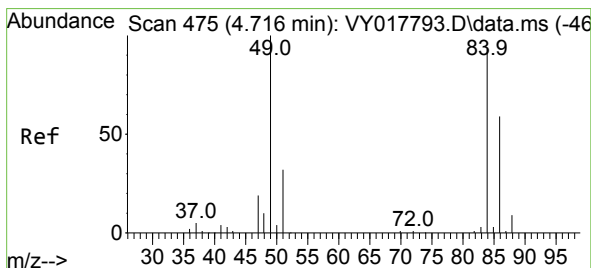
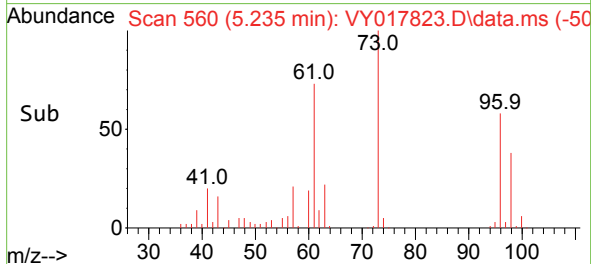
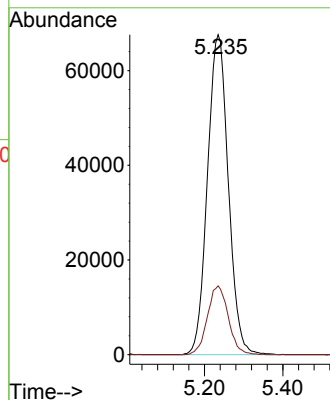
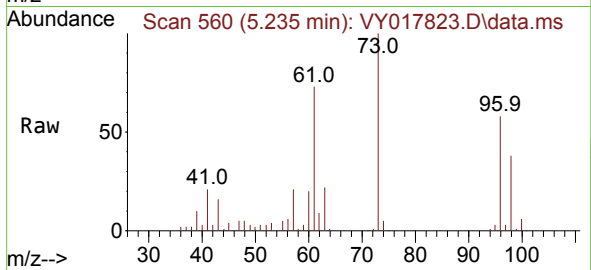




#19
Methyl tert-butyl Ether
Concen: 45.936 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

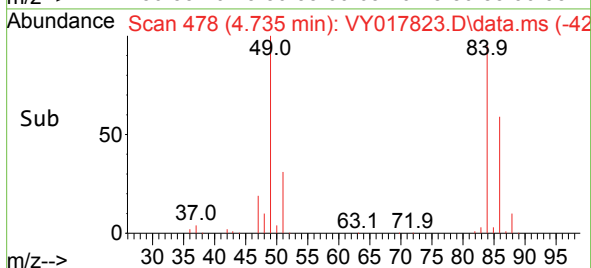
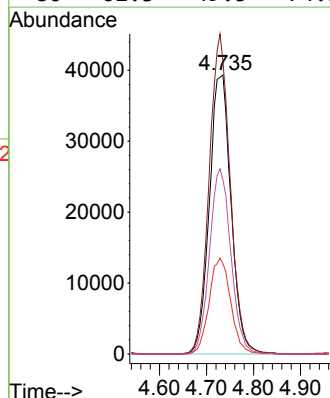
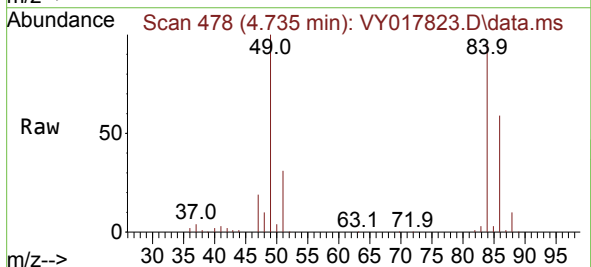
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

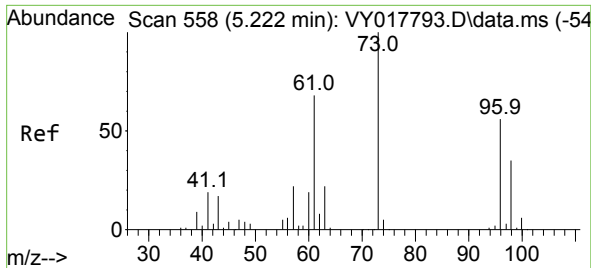
Tgt Ion: 73 Resp: 249806
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 44.971 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.019 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 84 Resp: 126153
Ion Ratio Lower Upper
84 100
49 104.8 84.4 126.6
51 32.4 26.0 39.0
86 62.3 49.5 74.3

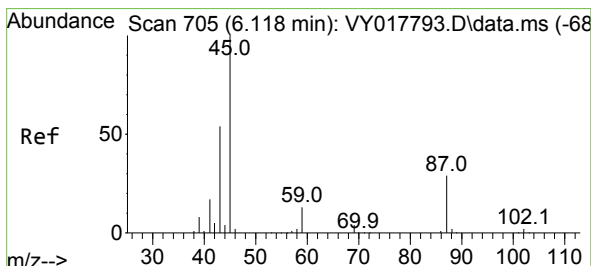
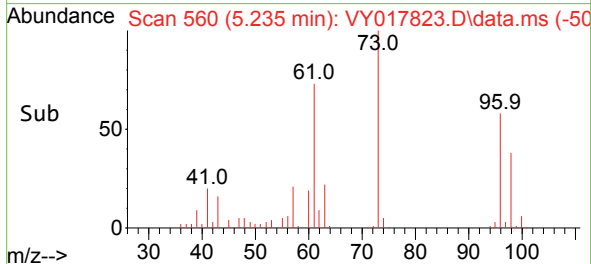
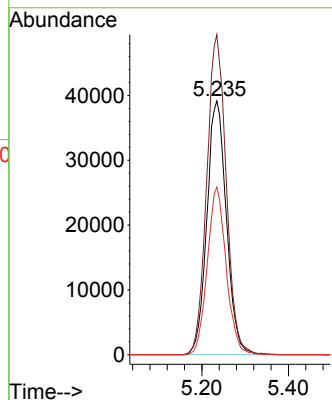
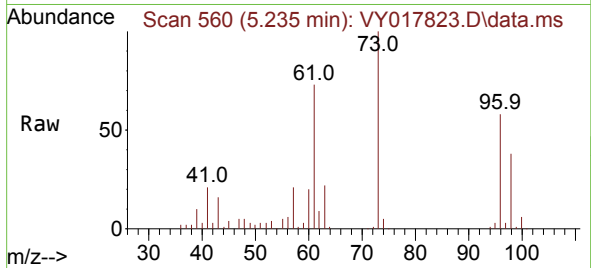




#21
trans-1,2-Dichloroethene
Concen: 48.220 ug/l
RT: 5.235 min Scan# 509
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

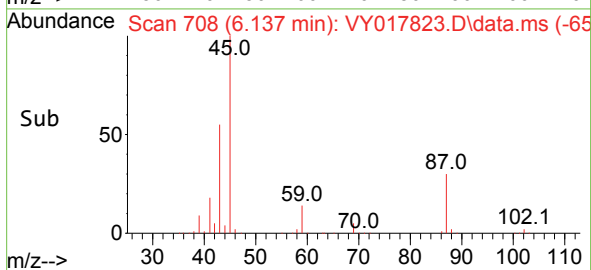
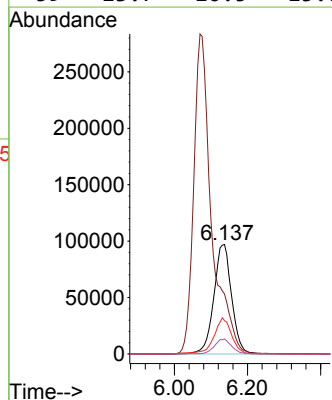
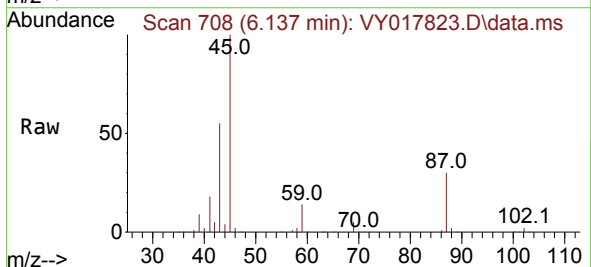
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

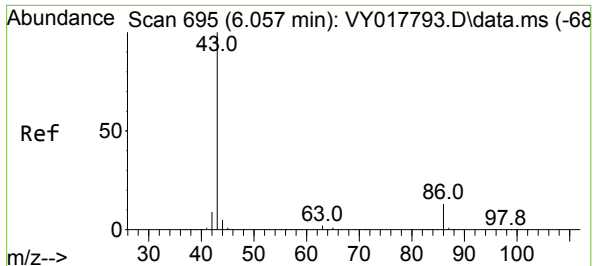
Tgt Ion: 96 Resp: 122553
Ion Ratio Lower Upper
96 100
61 126.1 97.5 146.3
98 66.0 50.5 75.7



#22
Diisopropyl ether
Concen: 48.705 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.018 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 45 Resp: 328011
Ion Ratio Lower Upper
45 100
43 54.6 42.2 63.2
87 30.5 25.0 37.6
59 13.7 10.5 15.7

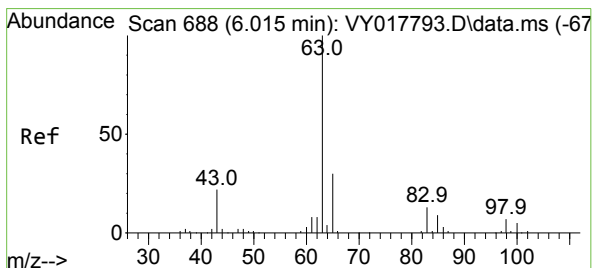
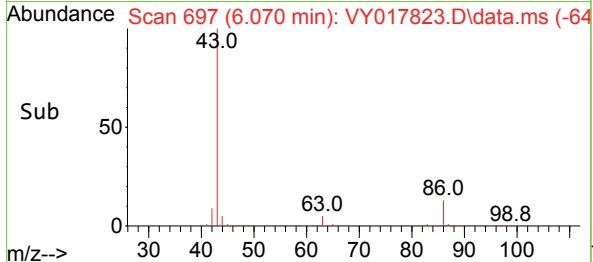
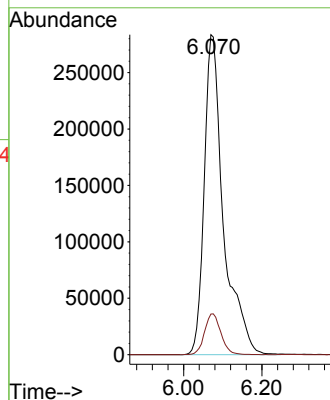
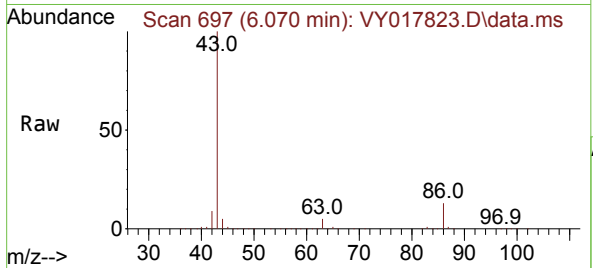




#23
 Vinyl Acetate
 Concen: 234.922 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY017823.D
 Acq: 03 Apr 2024 09:34

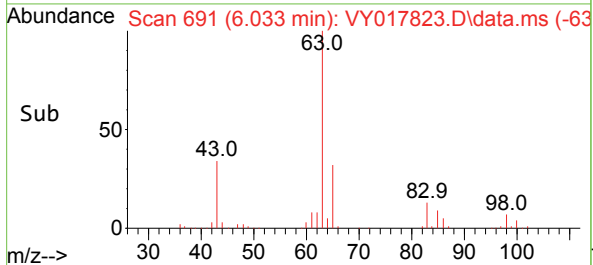
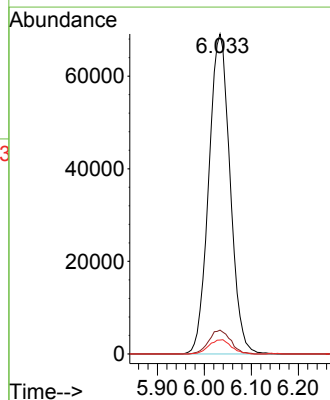
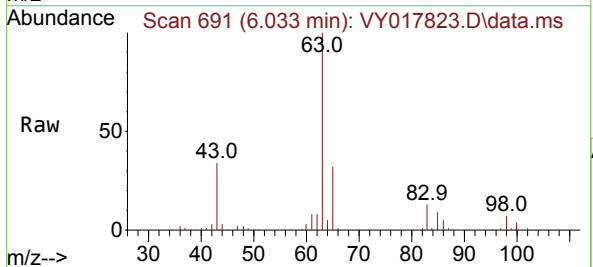
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

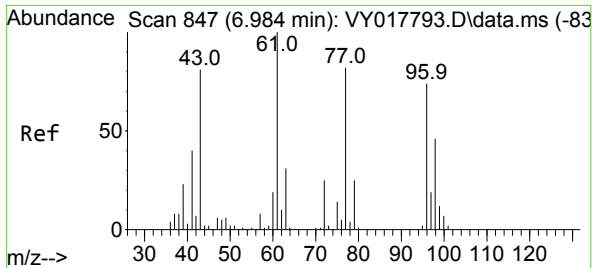
Tgt Ion: 43 Resp: 965973
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 48.618 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.018 min
 Lab File: VY017823.D
 Acq: 03 Apr 2024 09:34

Tgt Ion: 63 Resp: 217318
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 4.4 2.6 8.0





#25

2-Butanone

Concen: 235.008 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

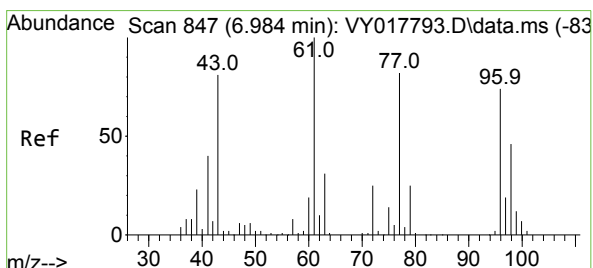
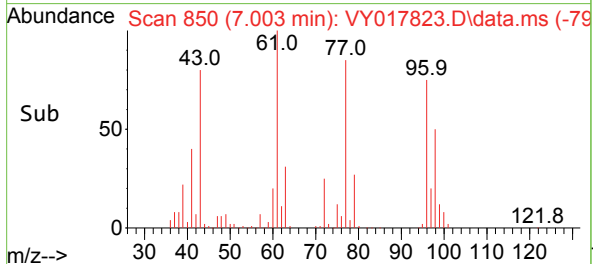
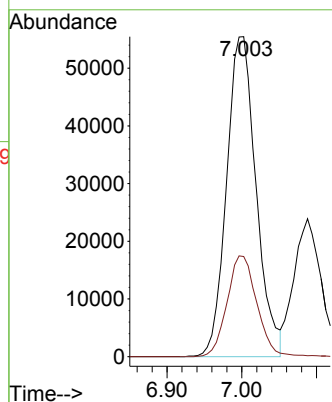
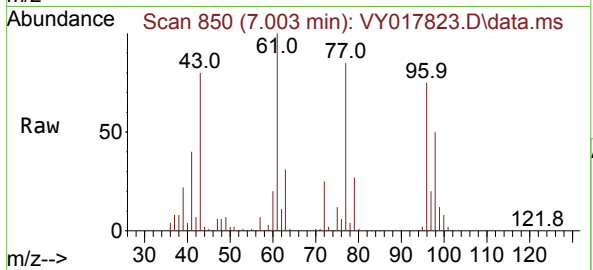
VSTDCCC050

Tgt Ion: 43 Resp: 152353

Ion Ratio Lower Upper

43 100

72 31.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 48.159 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.012 min

Lab File: VY017823.D

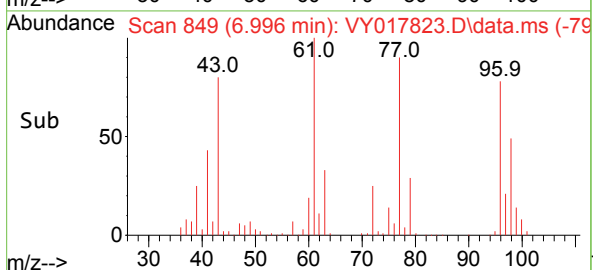
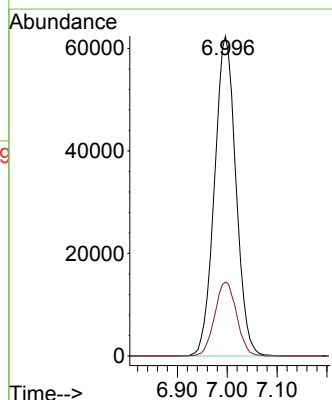
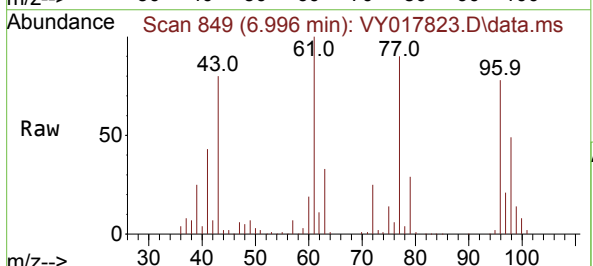
Acq: 03 Apr 2024 09:34

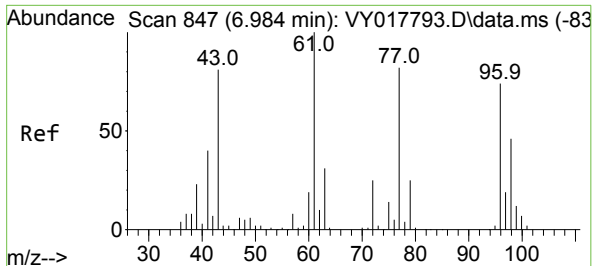
Tgt Ion: 77 Resp: 185930

Ion Ratio Lower Upper

77 100

97 23.7 12.0 36.1

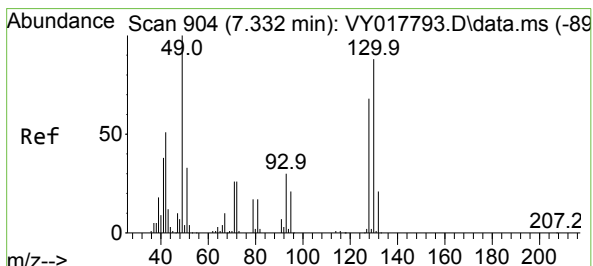
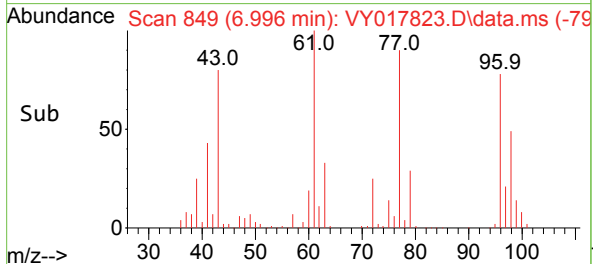
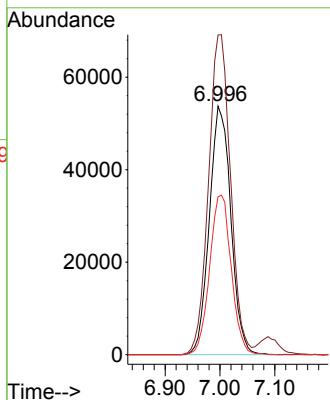
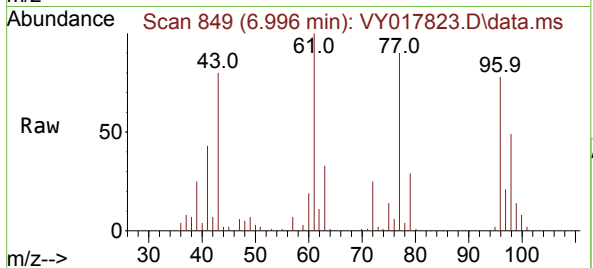




#27
 cis-1,2-Dichloroethene
 Concen: 48.826 ug/l
 RT: 6.996 min Scan# 847
 Delta R.T. 0.012 min
 Lab File: VY017823.D
 Acq: 03 Apr 2024 09:34

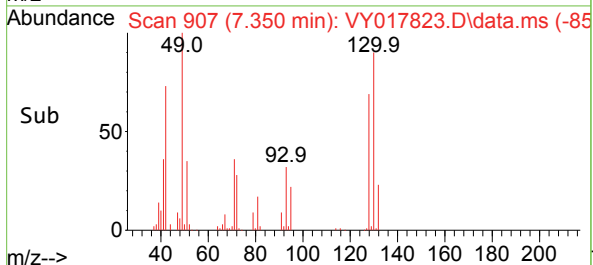
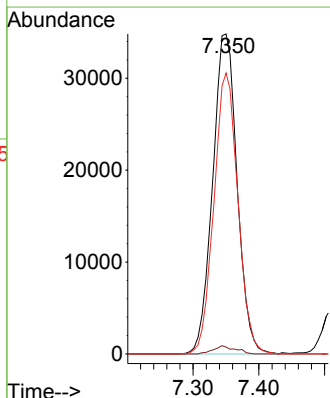
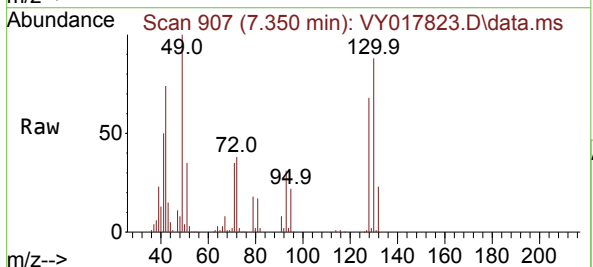
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

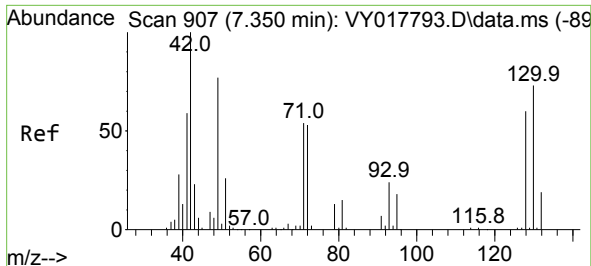
Tgt Ion: 96 Resp: 146658
 Ion Ratio Lower Upper
 96 100
 61 131.2 0.0 256.2
 98 64.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 49.595 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.018 min
 Lab File: VY017823.D
 Acq: 03 Apr 2024 09:34

Tgt Ion: 49 Resp: 90151
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 86.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 221.179 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY017823.D

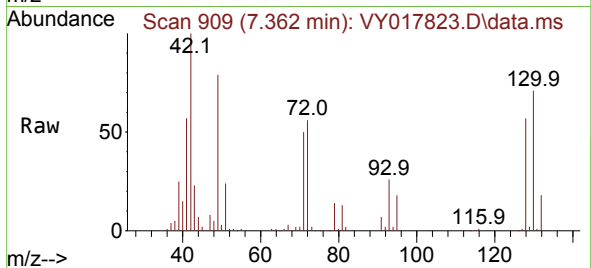
Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



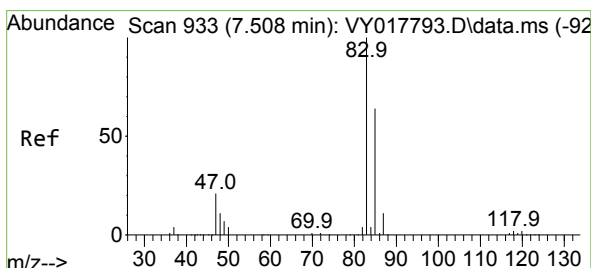
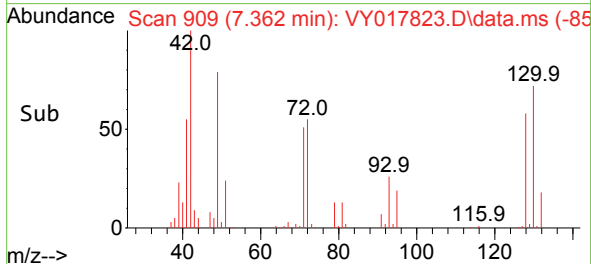
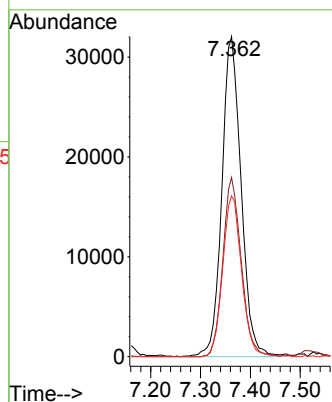
Tgt Ion: 42 Resp: 86037

Ion Ratio Lower Upper

42 100

72 53.5 43.0 64.4

71 49.4 40.8 61.2



#30

Chloroform

Concen: 48.313 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.012 min

Lab File: VY017823.D

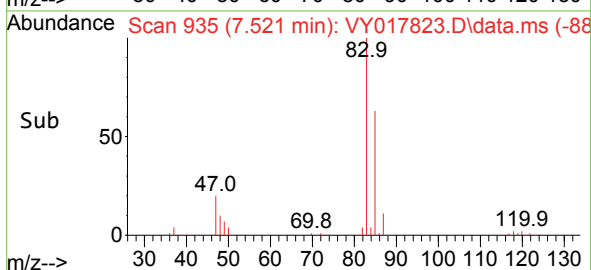
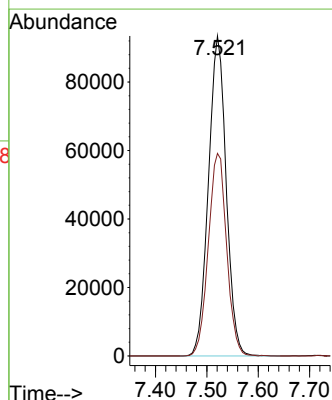
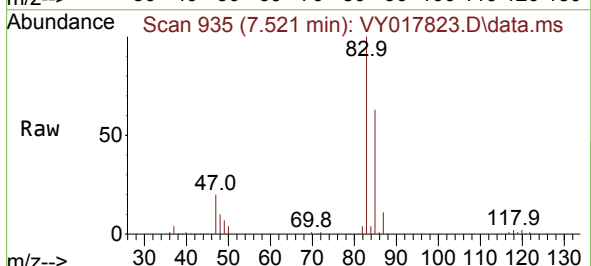
Acq: 03 Apr 2024 09:34

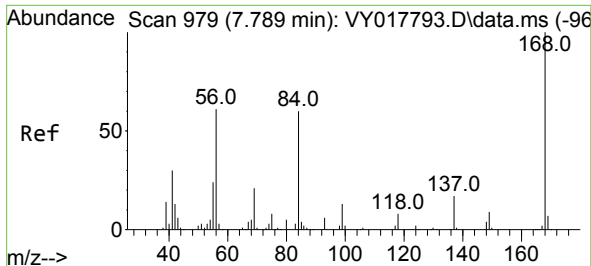
Tgt Ion: 83 Resp: 224067

Ion Ratio Lower Upper

83 100

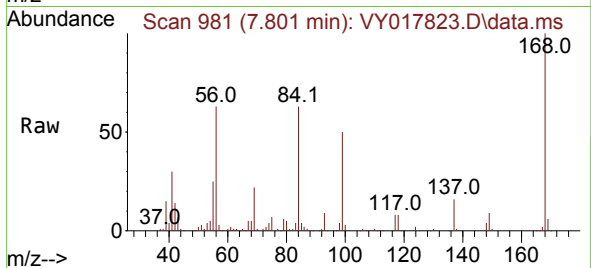
85 63.3 52.2 78.4



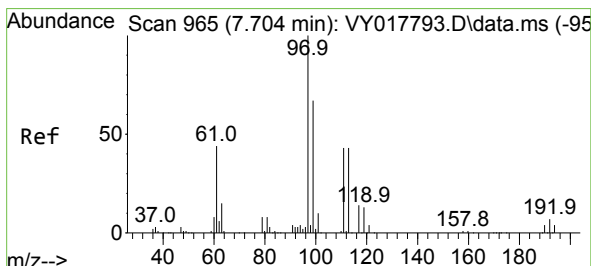
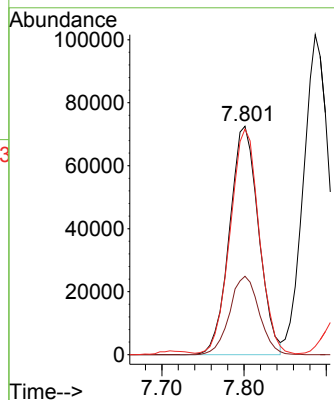
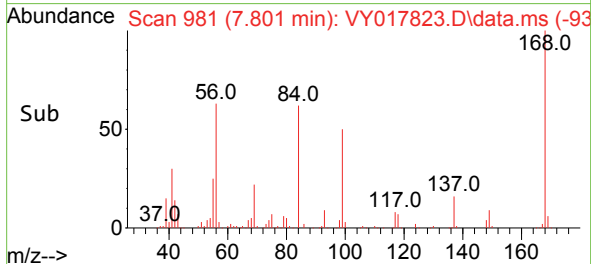


#31
Cyclohexane
Concen: 45.995 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

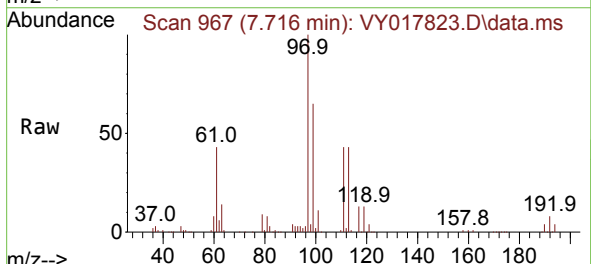
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



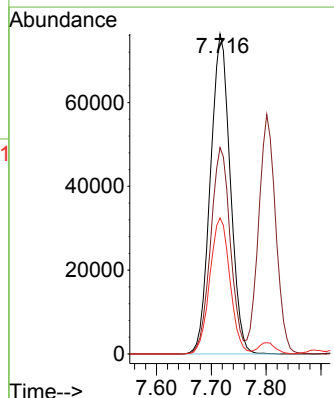
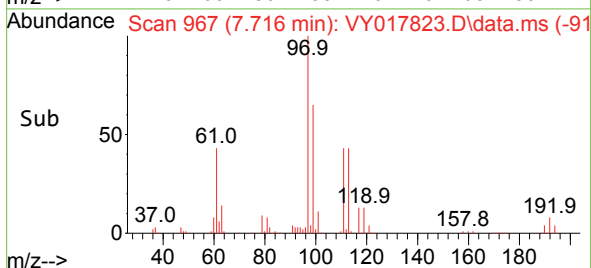
Tgt Ion: 56 Resp: 178384
Ion Ratio Lower Upper
56 100
69 34.3 28.7 43.1
84 97.3 77.7 116.5

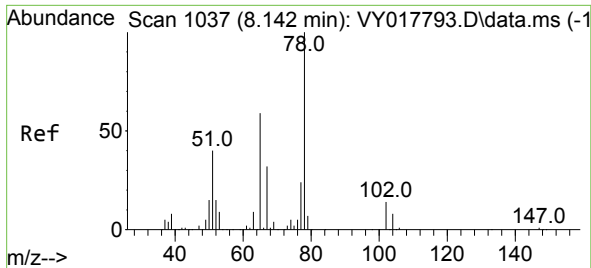


#32
1,1,1-Trichloroethane
Concen: 48.544 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34



Tgt Ion: 97 Resp: 191618
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 43.3 32.6 48.8

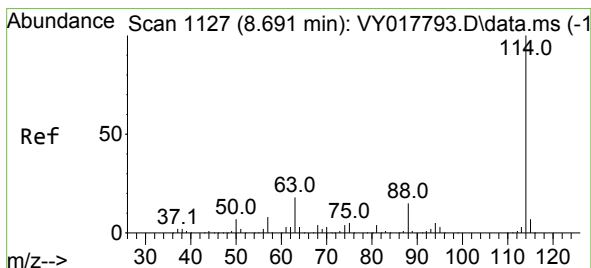
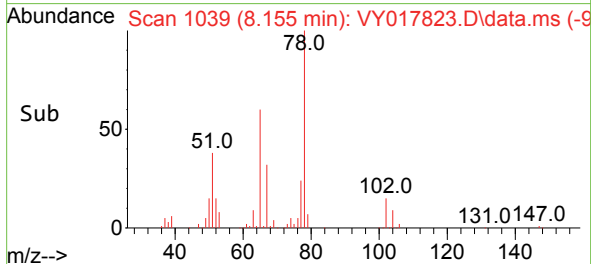
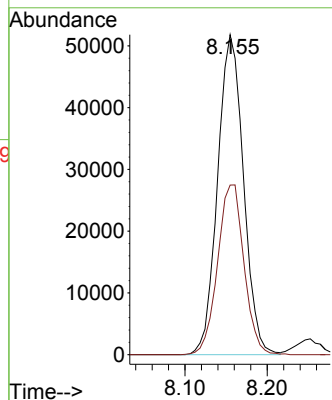
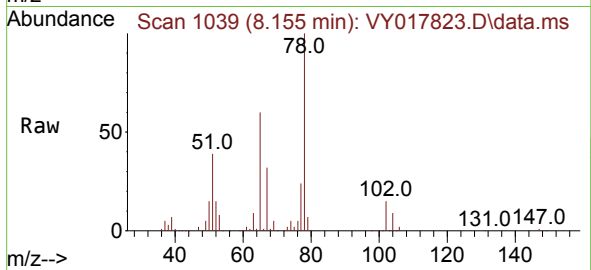




#33
 1,2-Dichloroethane-d4
 Concen: 51.445 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.012 min
 Lab File: VY017823.D
 Acq: 03 Apr 2024 09:34

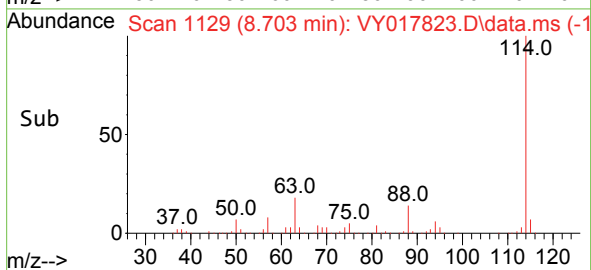
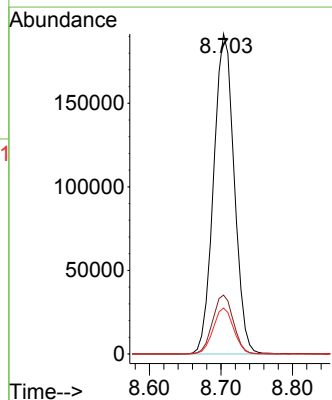
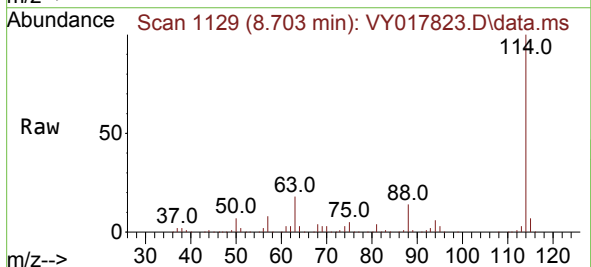
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

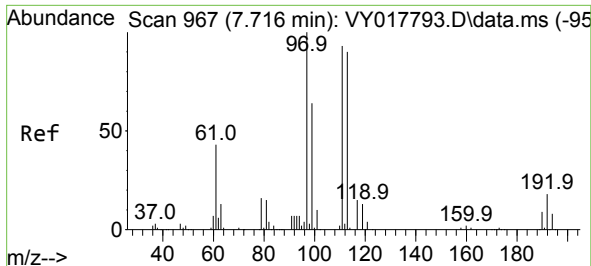
Tgt Ion: 65 Resp: 113259
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.012 min
 Lab File: VY017823.D
 Acq: 03 Apr 2024 09:34

Tgt Ion: 114 Resp: 382537
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 35.0
 88 14.4 0.0 27.2

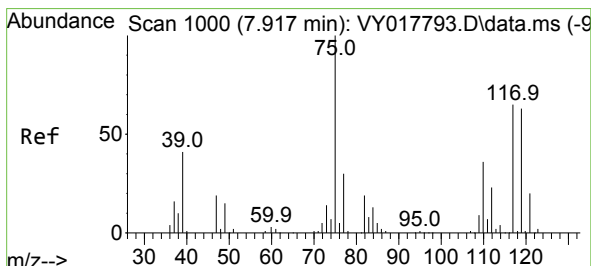
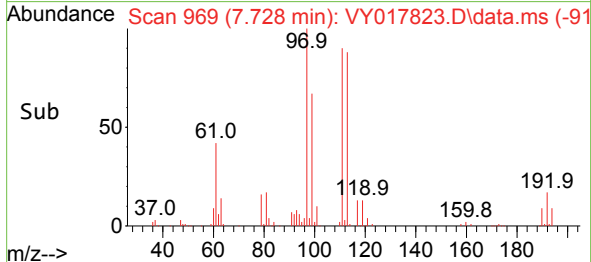
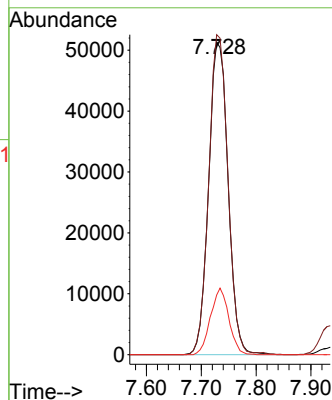
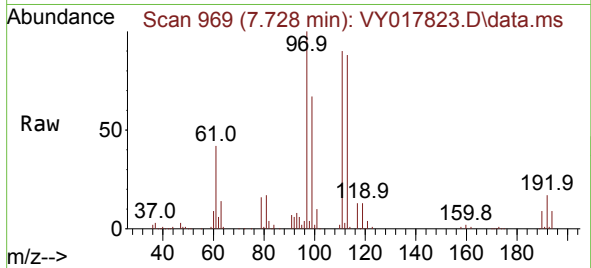




#35
Dibromofluoromethane
Concen: 57.196 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

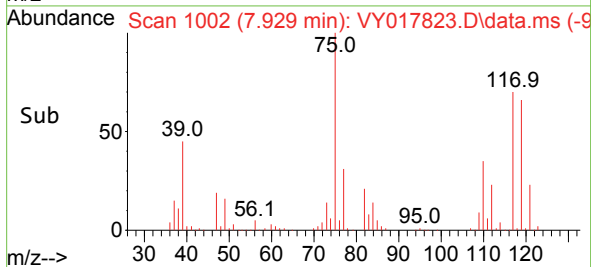
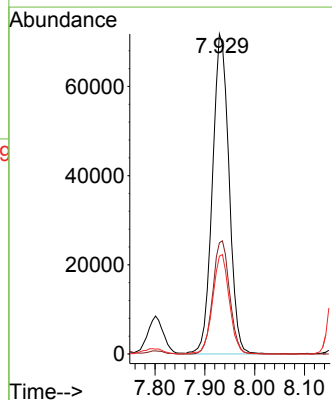
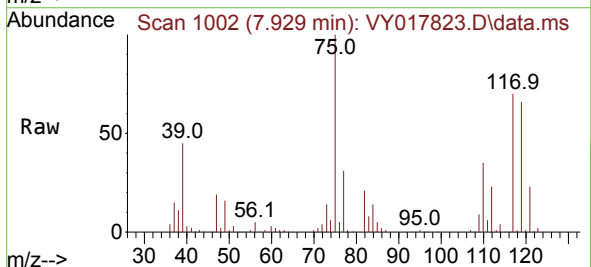
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

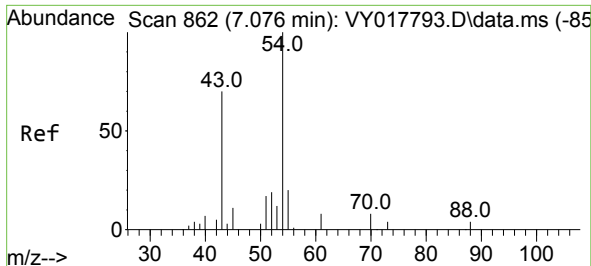
Tgt Ion:113 Resp: 126429
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 51.487 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 75 Resp: 166057
Ion Ratio Lower Upper
75 100
110 35.8 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 44.309 ug/l

RT: 7.088 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

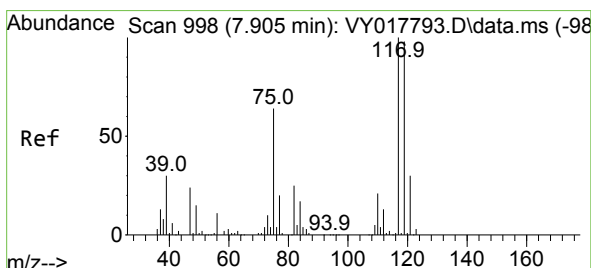
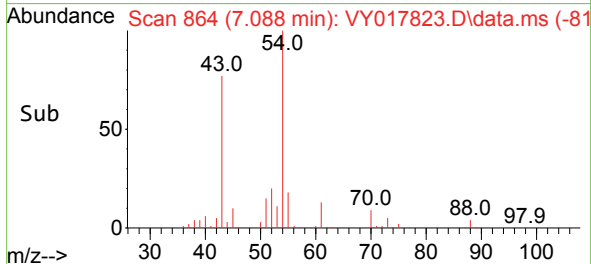
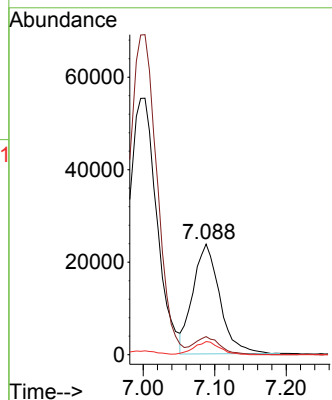
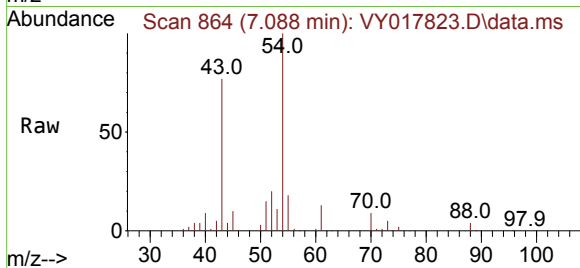
Tgt Ion: 43 Resp: 61671

Ion Ratio Lower Upper

43 100

61 16.2 12.6 19.0

70 11.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 51.844 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.012 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

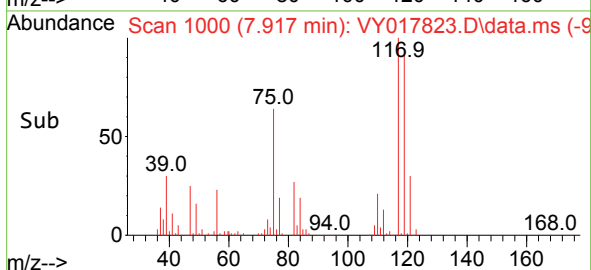
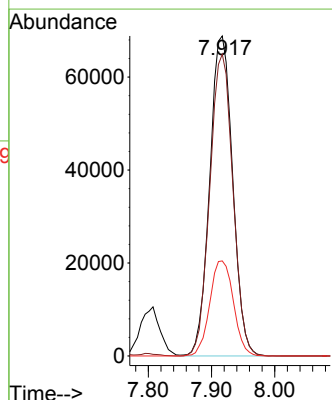
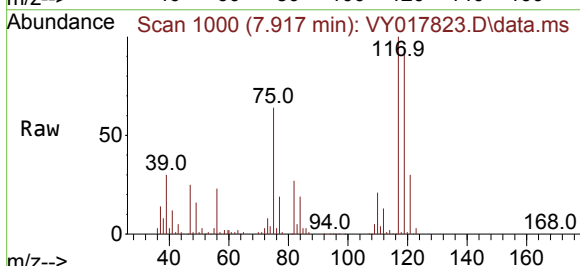
Tgt Ion: 117 Resp: 173585

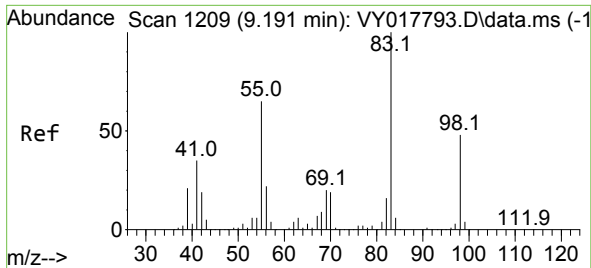
Ion Ratio Lower Upper

117 100

119 94.3 75.8 113.6

121 29.7 24.0 36.0





#39

Methylcyclohexane

Concen: 51.611 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

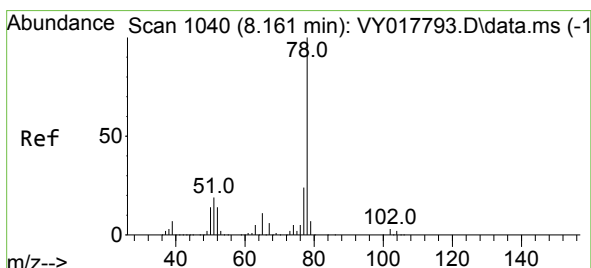
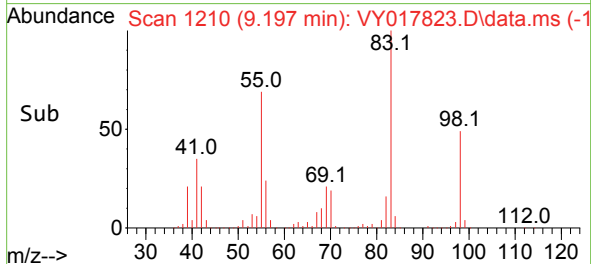
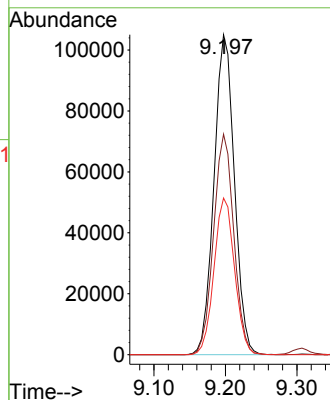
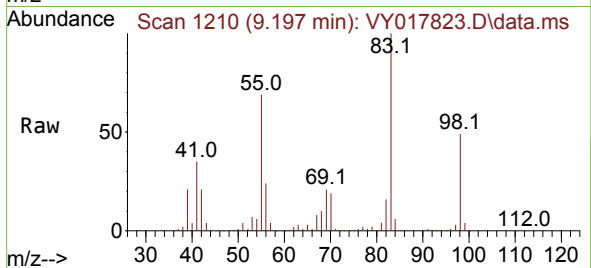
Tgt Ion: 83 Resp: 207923

Ion Ratio Lower Upper

83 100

55 68.9 51.5 77.3

98 49.0 40.5 60.7



#40

Benzene

Concen: 50.477 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VY017823.D

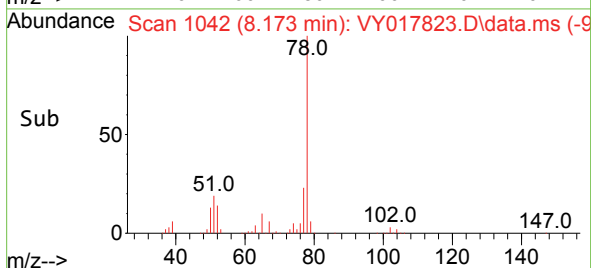
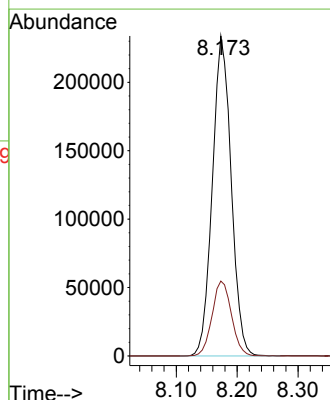
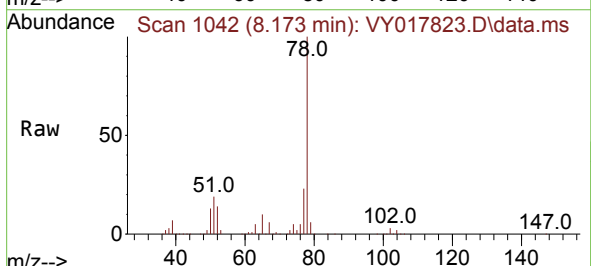
Acq: 03 Apr 2024 09:34

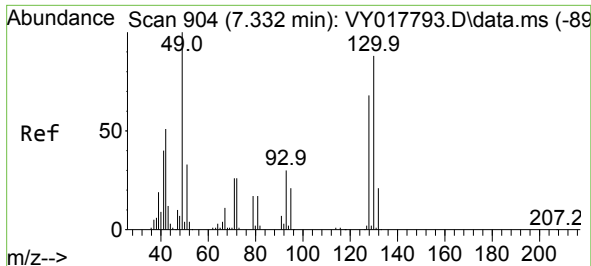
Tgt Ion: 78 Resp: 501720

Ion Ratio Lower Upper

78 100

77 23.4 19.5 29.3

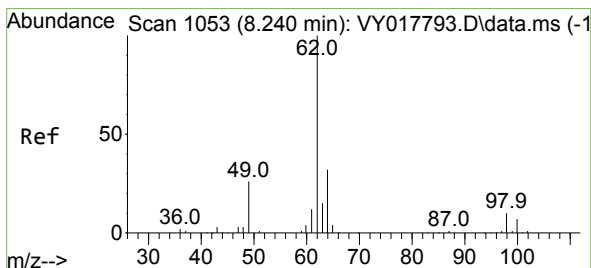
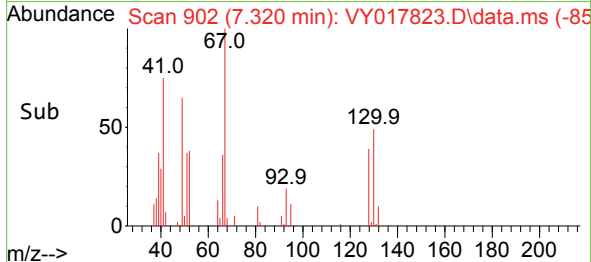
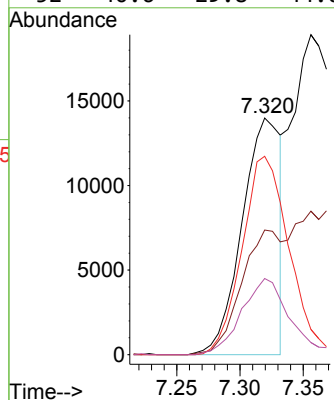
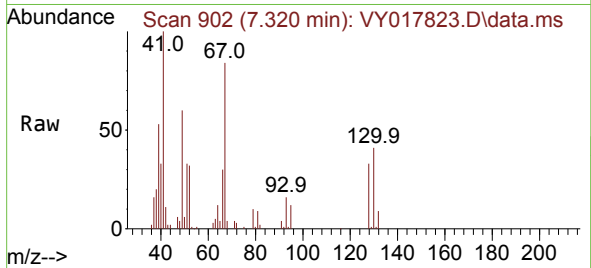




#41
Methacrylonitrile
Concen: 38.921 ug/l
RT: 7.320 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

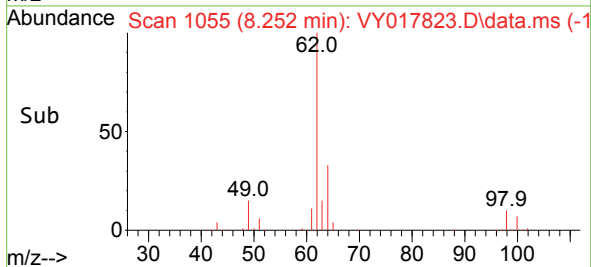
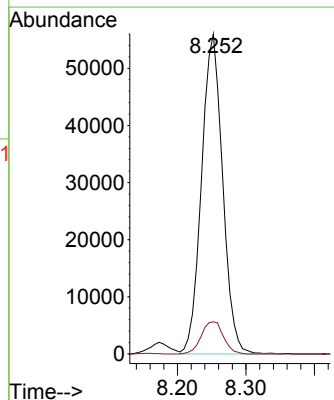
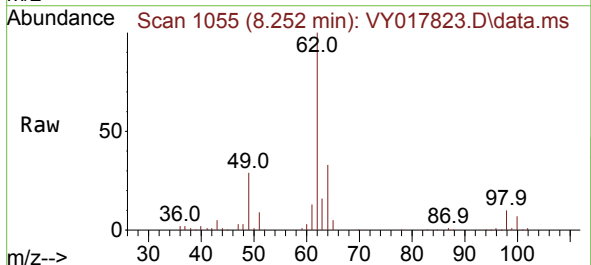
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

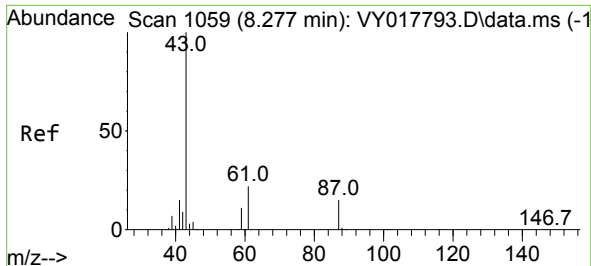
Tgt Ion:	41	Resp:	29678
Ion	Ratio	Lower	Upper
41	100		
39	53.5	48.0	72.0
67	103.5	75.1	112.7
52	40.6	29.8	44.6



#42
1,2-Dichloroethane
Concen: 49.126 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion:	62	Resp:	120185
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	22.0

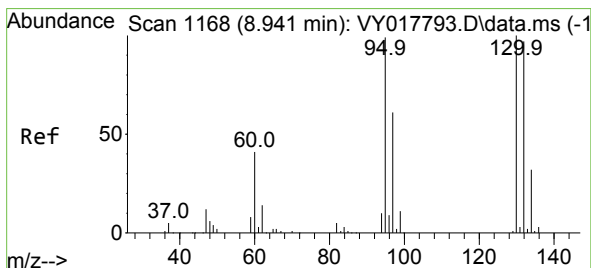
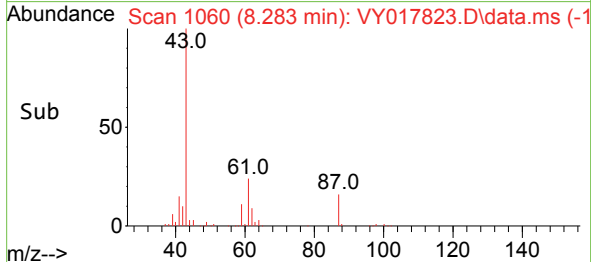
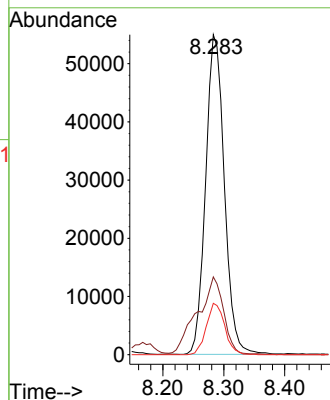
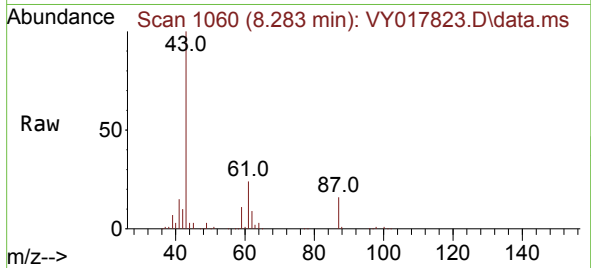




#43
Isopropyl Acetate
Concen: 46.464 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

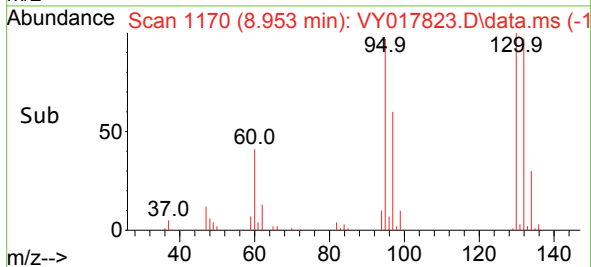
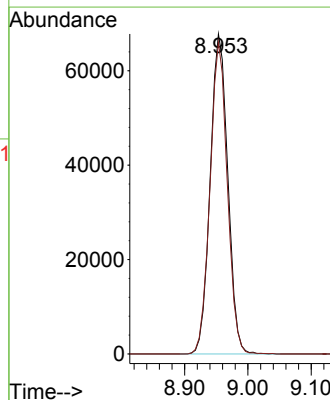
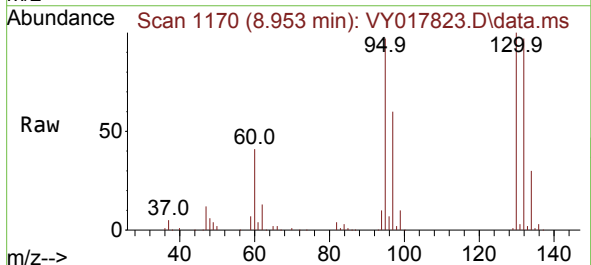
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

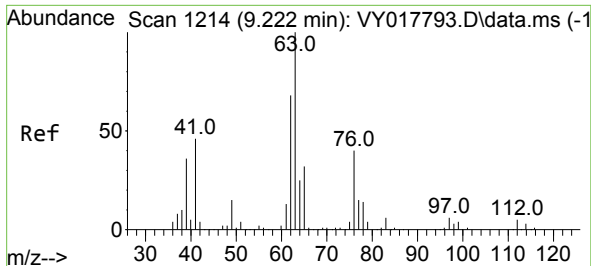
Tgt Ion: 43 Resp: 117363
Ion Ratio Lower Upper
43 100
61 34.3 27.9 41.9
87 15.8 13.1 19.7



#44
Trichloroethene
Concen: 50.639 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 130 Resp: 130952
Ion Ratio Lower Upper
130 100
95 97.4 0.0 188.0

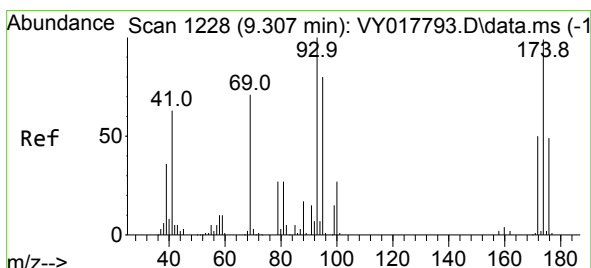
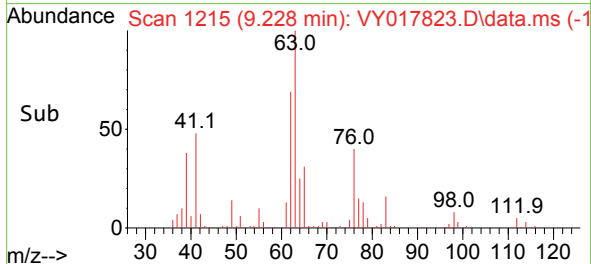
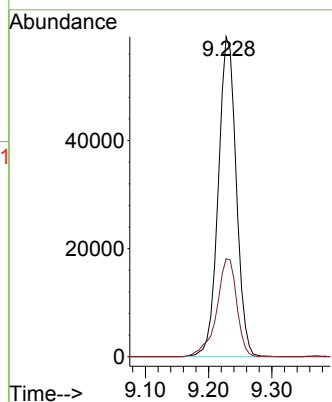
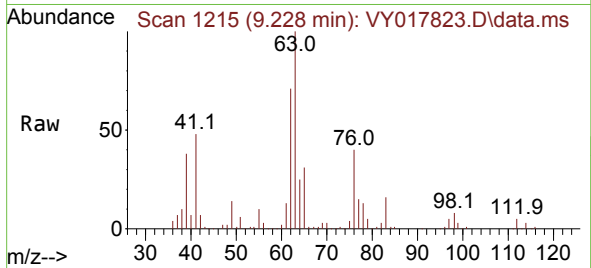




#45
1,2-Dichloropropane
Concen: 50.358 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

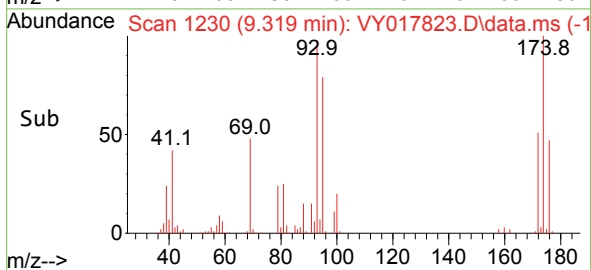
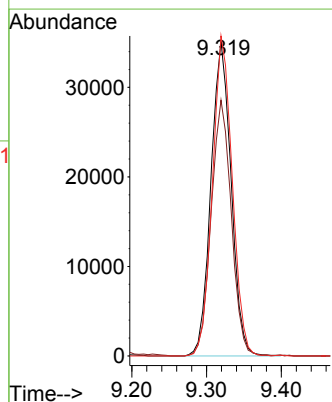
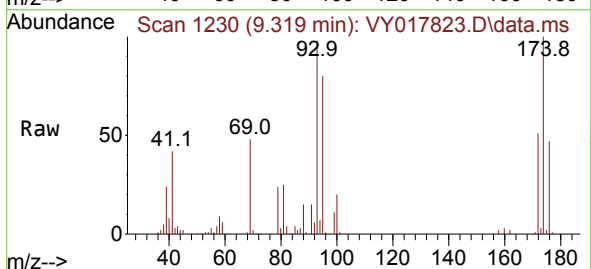
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

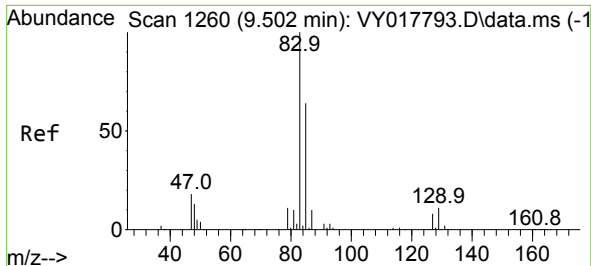
Tgt Ion: 63 Resp: 116310
Ion Ratio Lower Upper
63 100
65 30.6 25.4 38.2



#46
Dibromomethane
Concen: 50.048 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 93 Resp: 65672
Ion Ratio Lower Upper
93 100
95 81.4 66.2 99.4
174 100.3 80.9 121.3

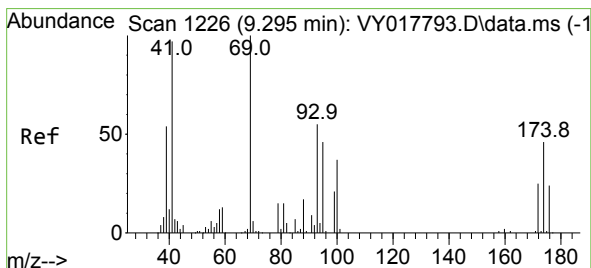
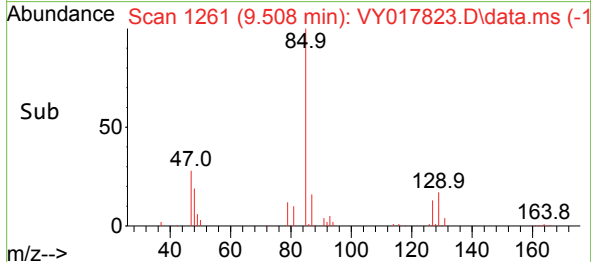
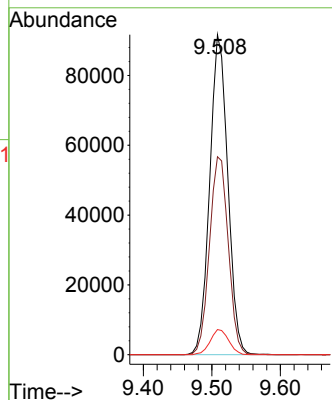
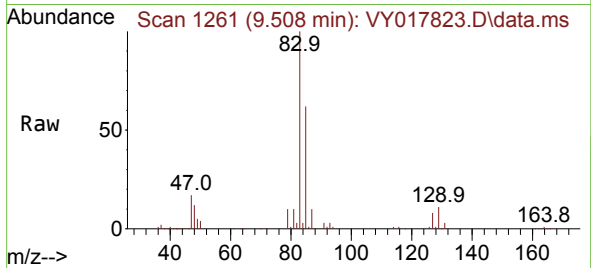




#47
Bromodichloromethane
Concen: 50.580 ug/l
RT: 9.508 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

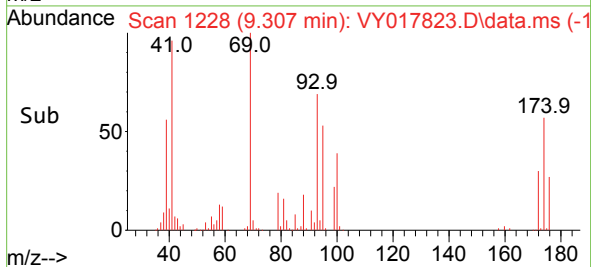
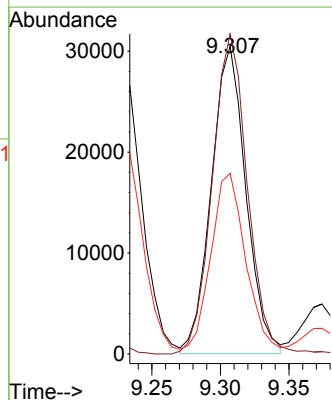
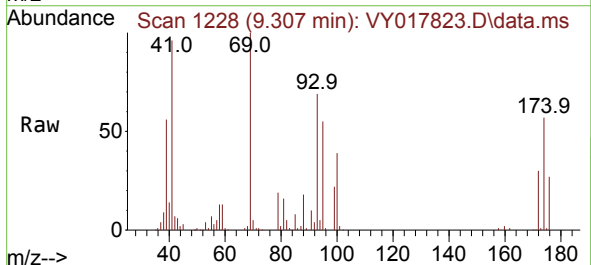
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

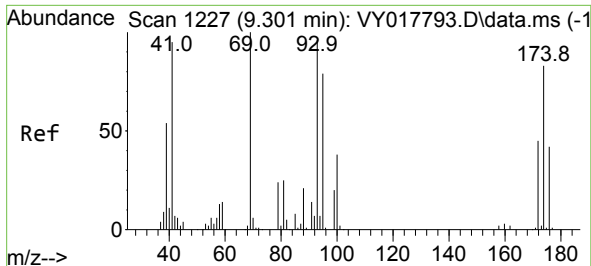
Tgt Ion: 83 Resp: 167703
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 7.8 7.4 11.0



#48
Methyl methacrylate
Concen: 49.892 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 41 Resp: 53442
Ion Ratio Lower Upper
41 100
69 106.1 84.1 126.1
39 56.7 43.6 65.4





#49

1,4-Dioxane

Concen: 954.265 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

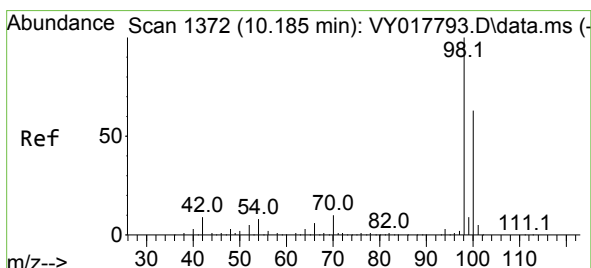
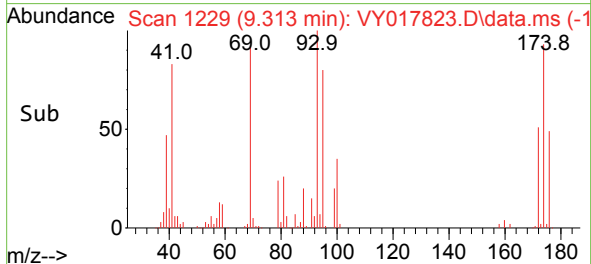
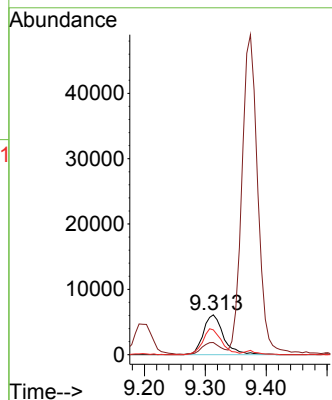
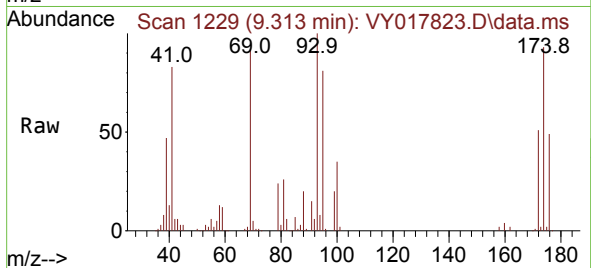
Tgt Ion: 88 Resp: 14057

Ion Ratio Lower Upper

88 100

43 28.3 0.0 0.0#

58 60.4 49.3 73.9



#50

Toluene-d8

Concen: 57.625 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY017823.D

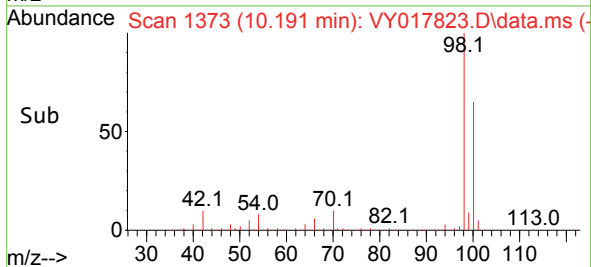
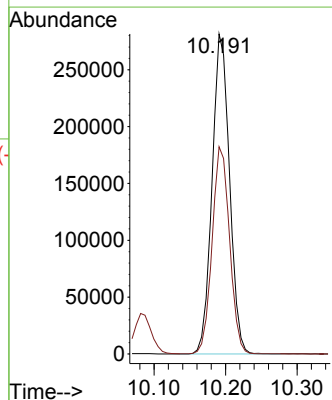
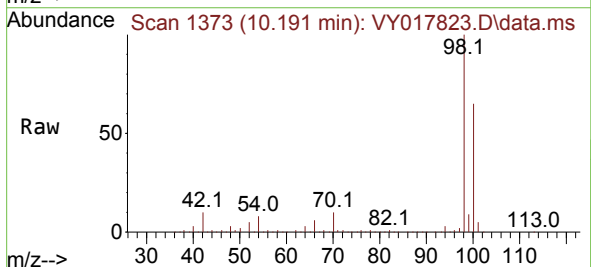
Acq: 03 Apr 2024 09:34

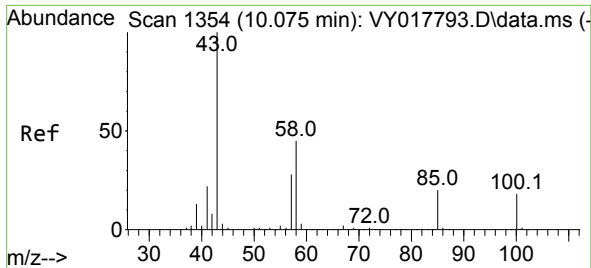
Tgt Ion: 98 Resp: 475811

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

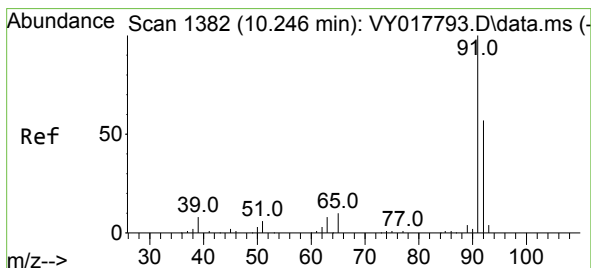
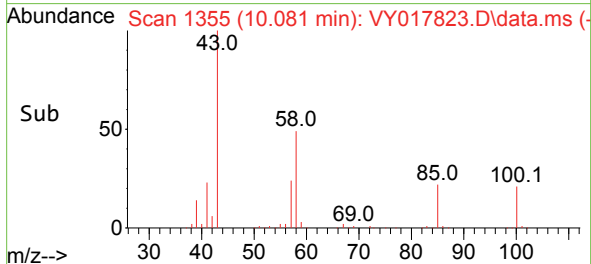
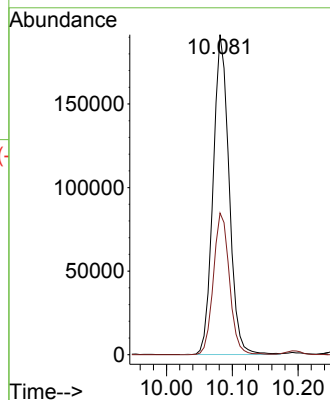
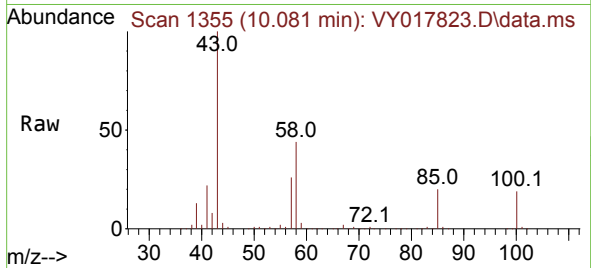




#51
4-Methyl-2-Pentanone
Concen: 257.799 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

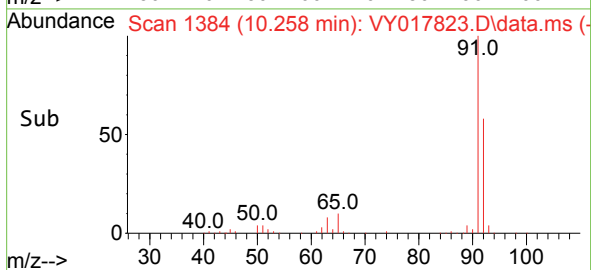
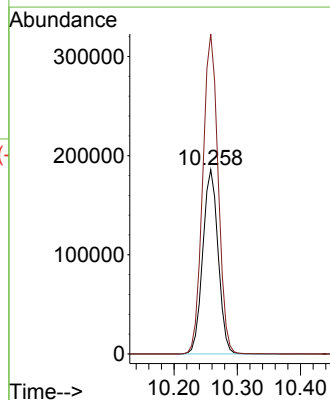
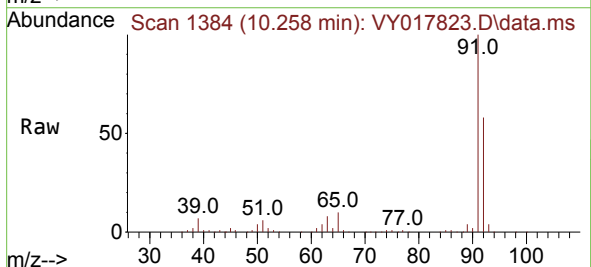
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

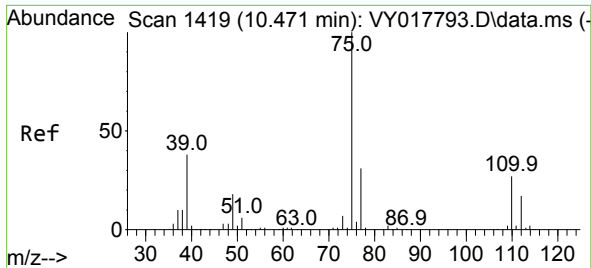
Tgt Ion: 43 Resp: 323934
Ion Ratio Lower Upper
43 100
58 44.5 35.7 53.5



#52
Toluene
Concen: 52.159 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 92 Resp: 314468
Ion Ratio Lower Upper
92 100
91 174.2 139.0 208.6

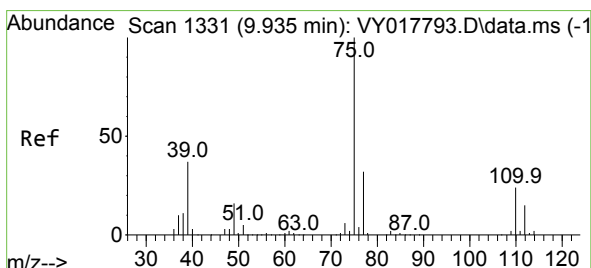
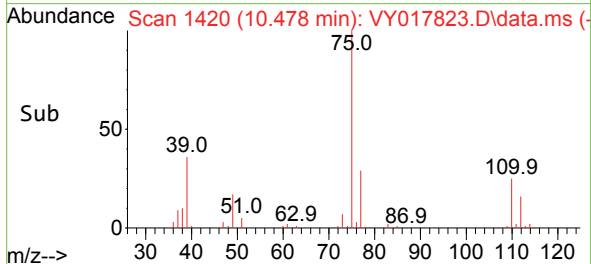
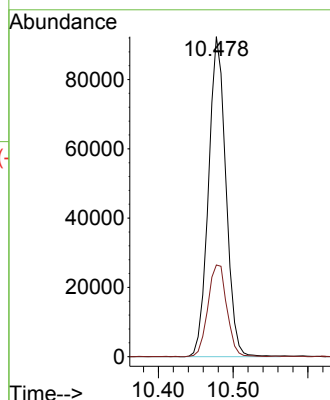
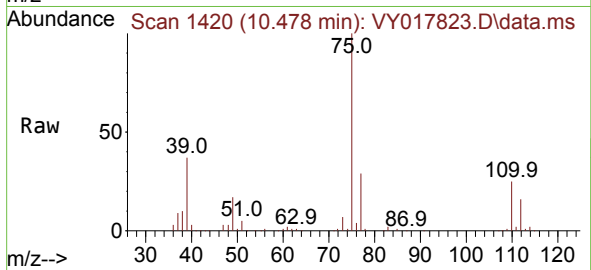




#53
 t-1,3-Dichloropropene
 Concen: 50.800 ug/l
 RT: 10.478 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017823.D
 Acq: 03 Apr 2024 09:34

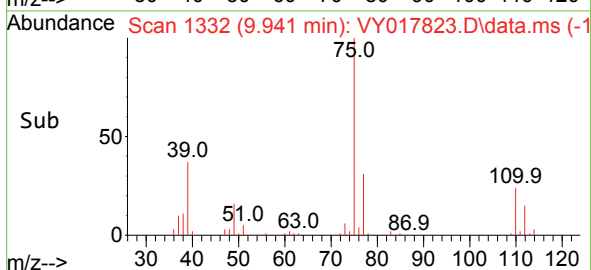
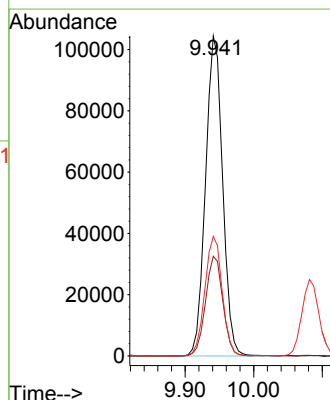
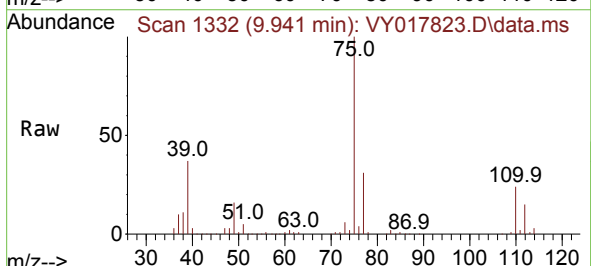
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

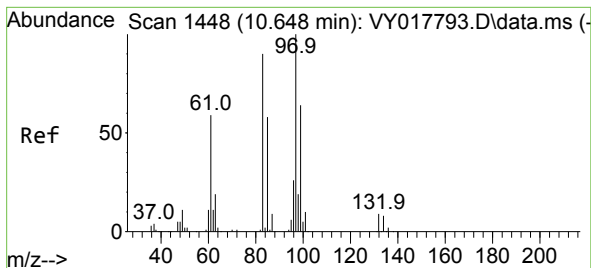
Tgt Ion: 75 Resp: 149551
 Ion Ratio Lower Upper
 75 100
 77 28.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 50.475 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY017823.D
 Acq: 03 Apr 2024 09:34

Tgt Ion: 75 Resp: 181357
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 37.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 49.603 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 86728

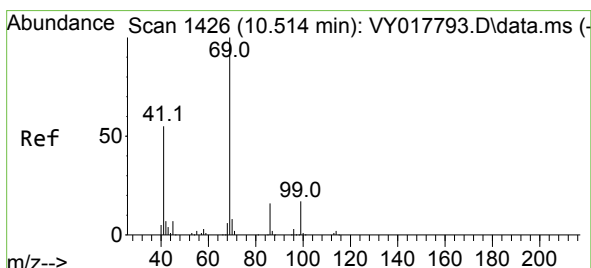
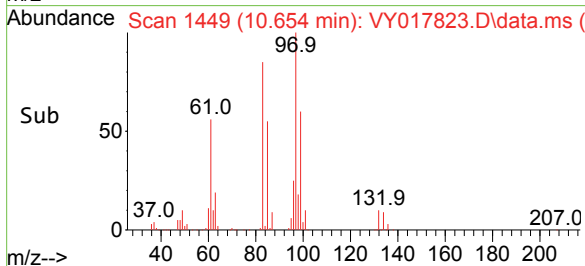
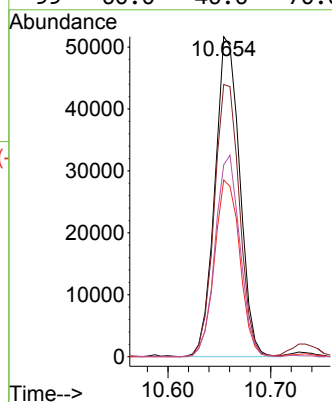
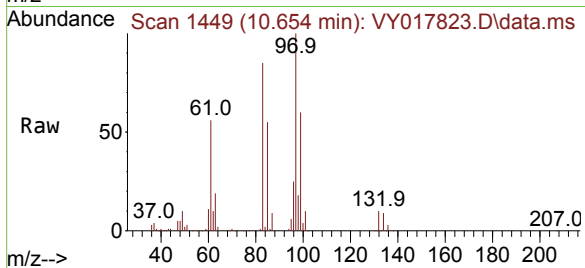
Ion Ratio Lower Upper

97 100

83 85.0 67.5 101.3

85 55.2 42.9 64.3

99 60.0 46.6 70.0



#56

Ethyl methacrylate

Concen: 52.477 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

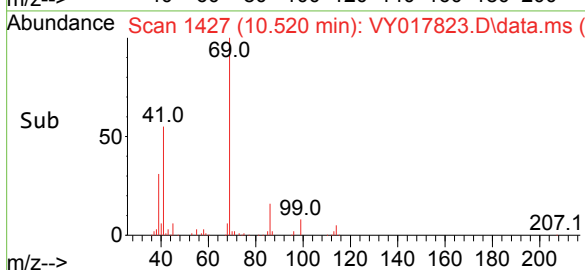
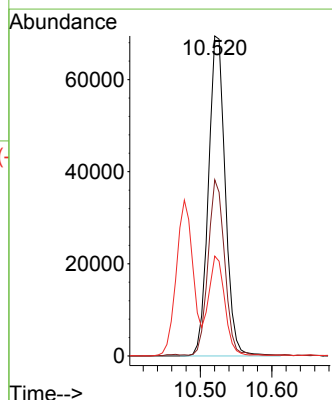
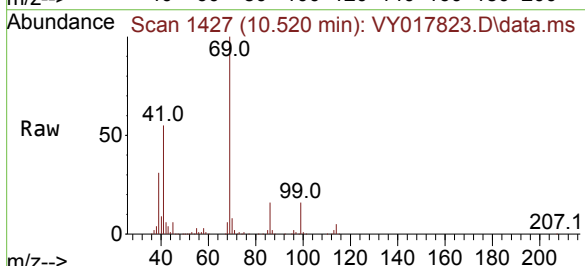
Tgt Ion: 69 Resp: 113544

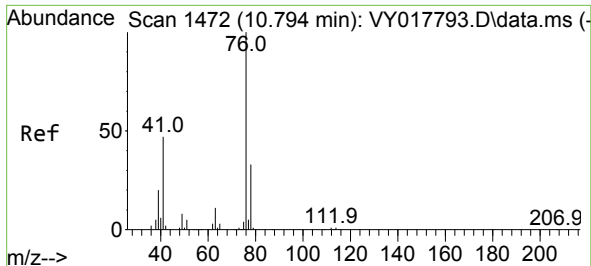
Ion Ratio Lower Upper

69 100

41 53.6 42.3 63.5

39 29.7 22.9 34.3





#57

1,3-Dichloropropane

Concen: 50.071 ug/l

RT: 10.801 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

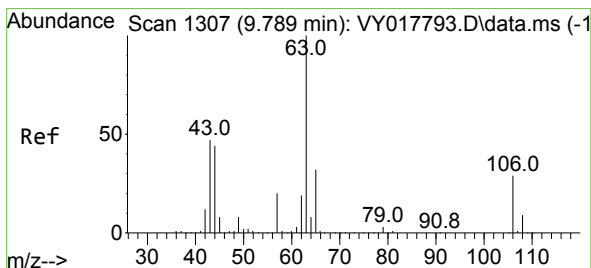
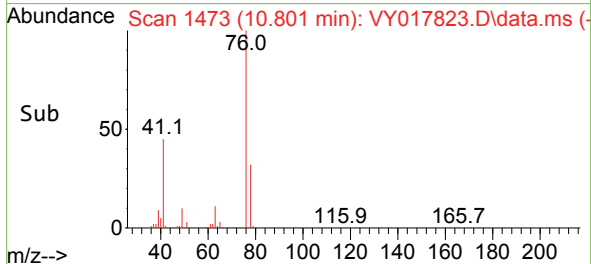
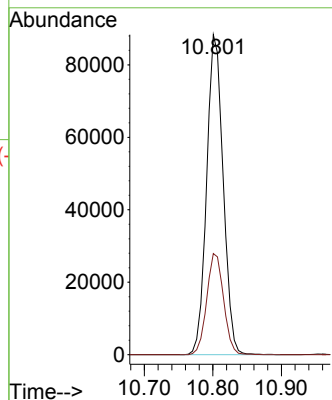
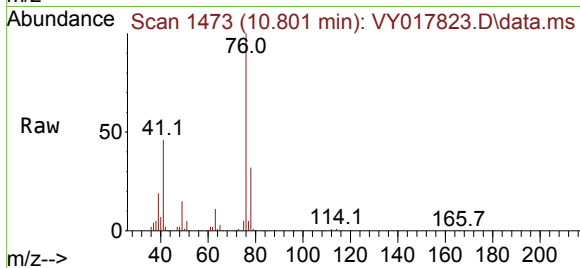
VSTDCCC050

Tgt Ion: 76 Resp: 148070

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 250.968 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VY017823.D

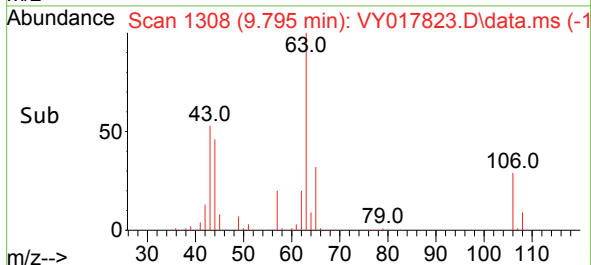
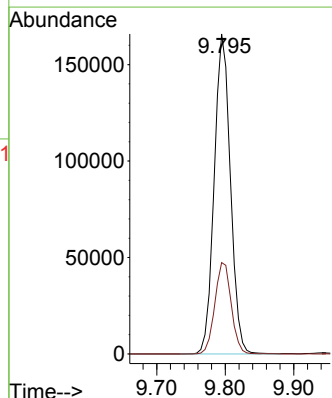
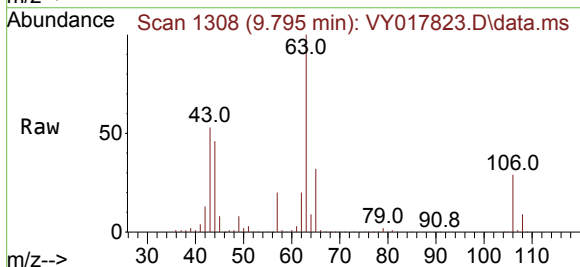
Acq: 03 Apr 2024 09:34

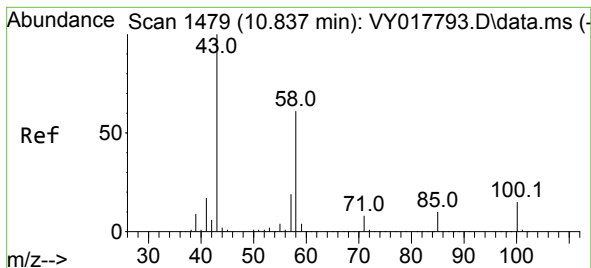
Tgt Ion: 63 Resp: 272441

Ion Ratio Lower Upper

63 100

106 29.0 23.7 35.5

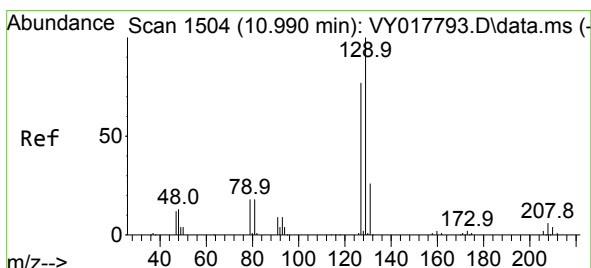
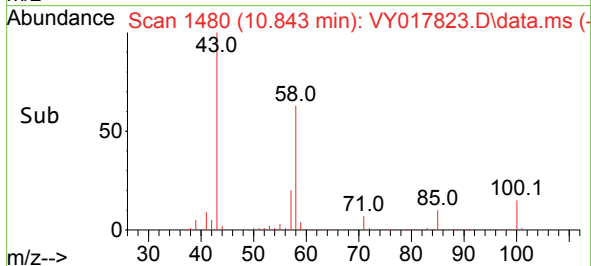
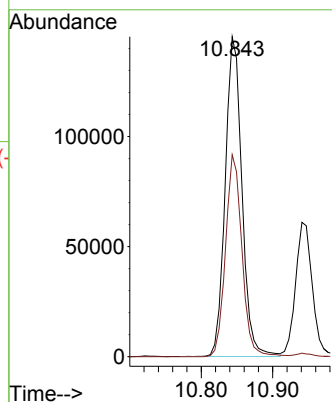
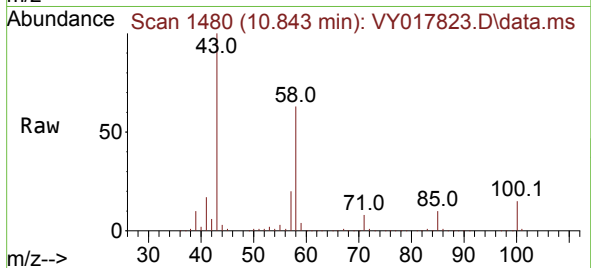




#59
2-Hexanone
Concen: 262.882 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

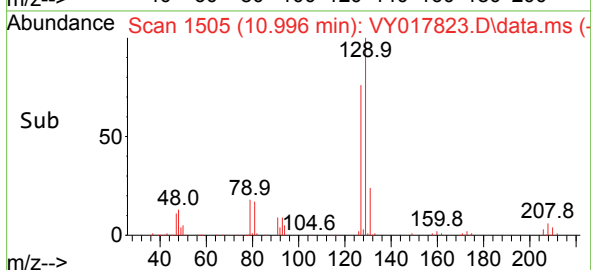
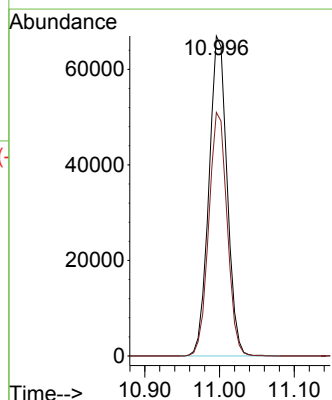
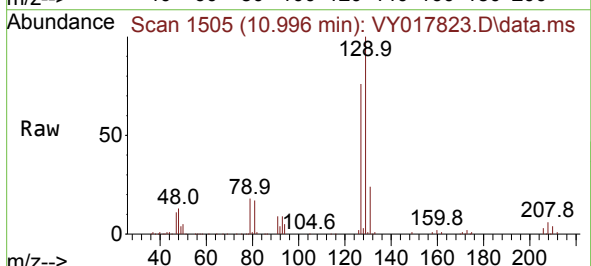
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

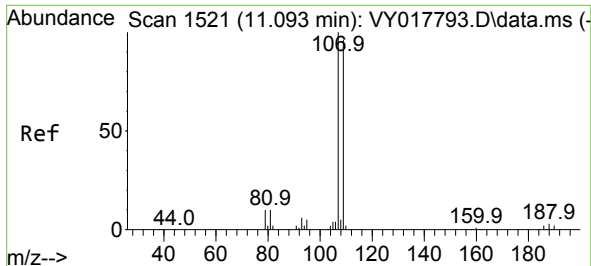
Tgt Ion: 43 Resp: 235947
Ion Ratio Lower Upper
43 100
58 62.0 31.4 94.0



#60
Dibromochloromethane
Concen: 51.116 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 129 Resp: 112723
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

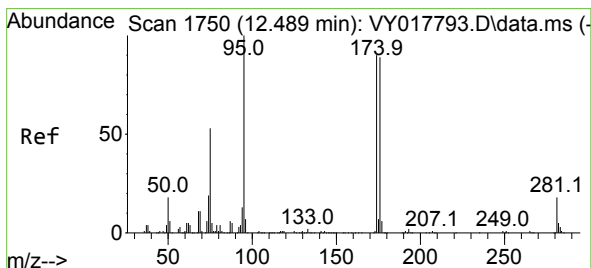
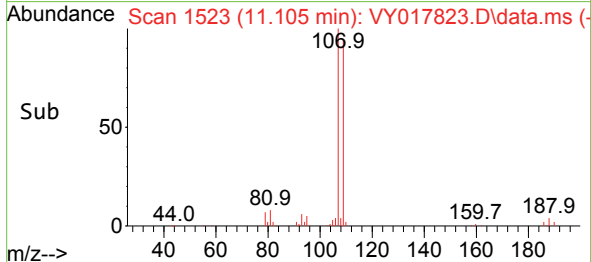
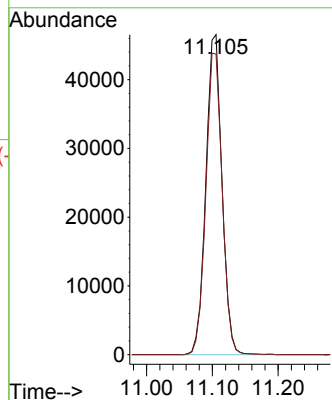
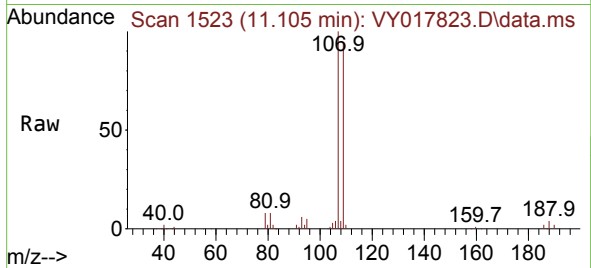




#61
1,2-Dibromoethane
Concen: 49.756 ug/l
RT: 11.105 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

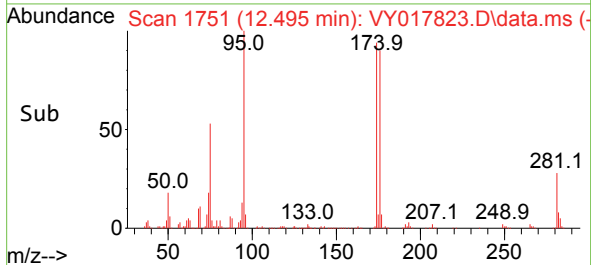
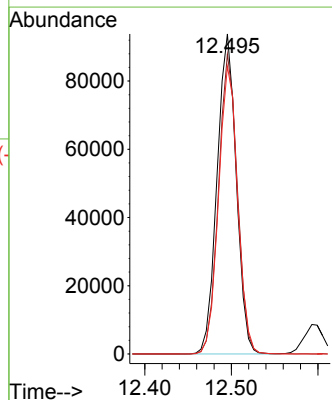
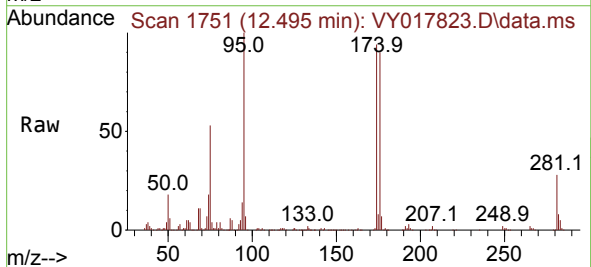
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

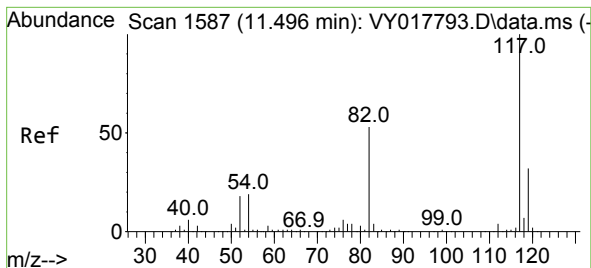
Tgt Ion:107 Resp: 79327
Ion Ratio Lower Upper
107 100
109 95.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 57.401 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 95 Resp: 144202
Ion Ratio Lower Upper
95 100
174 92.2 0.0 175.6
176 89.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

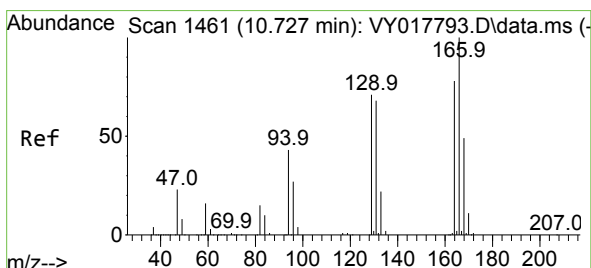
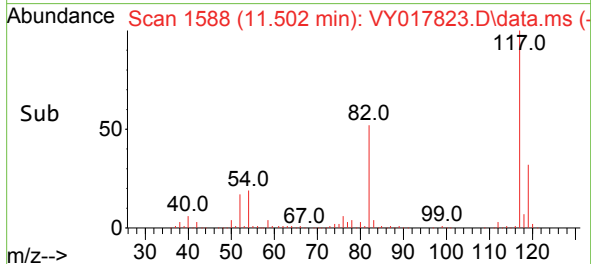
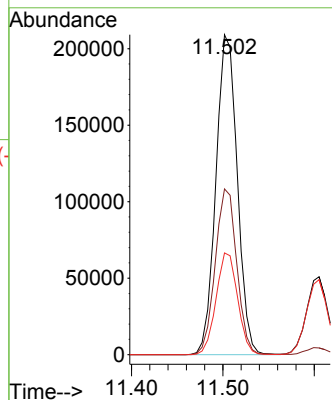
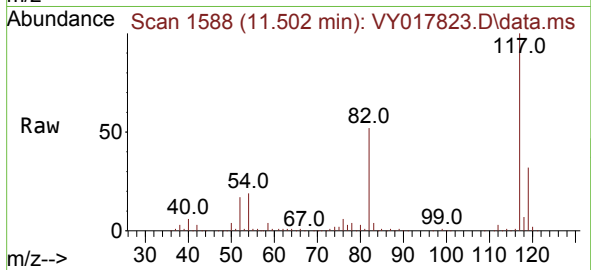
Tgt Ion:117 Resp: 340150

Ion Ratio Lower Upper

117 100

82 51.8 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 49.576 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Tgt Ion:164 Resp: 147083

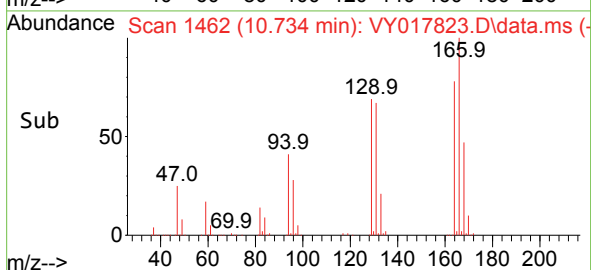
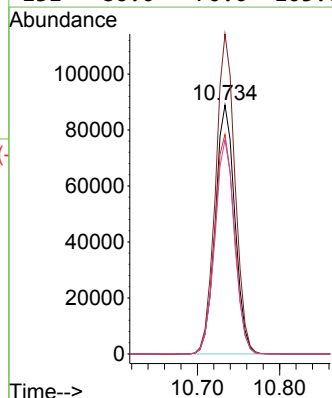
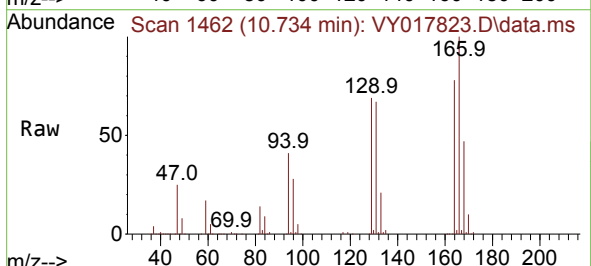
Ion Ratio Lower Upper

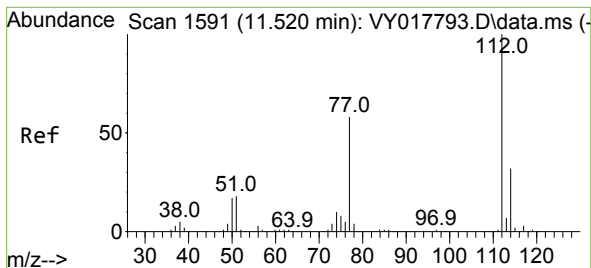
164 100

166 128.5 102.6 154.0

129 88.1 72.0 108.0

131 86.0 70.0 105.0





#65

Chlorobenzene

Concen: 49.428 ug/l

RT: 11.532 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

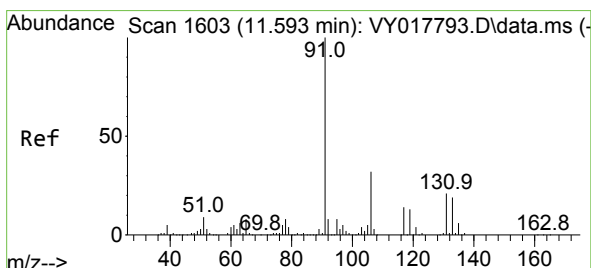
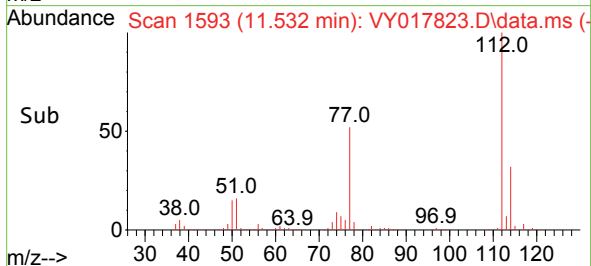
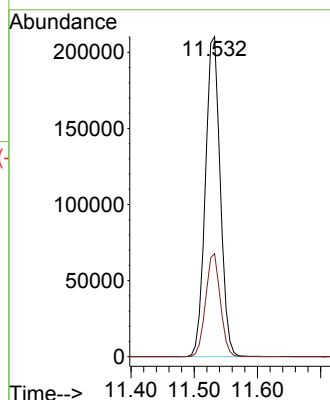
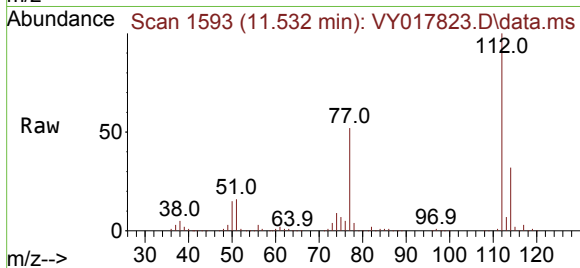
VSTDCCC050

Tgt Ion:112 Resp: 344892

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.723 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.012 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

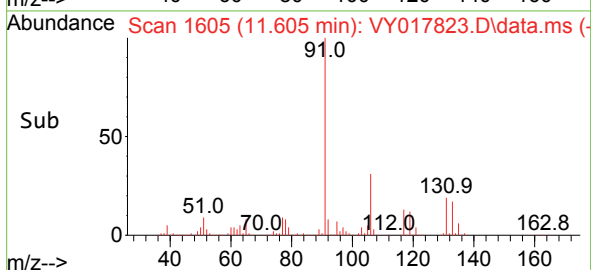
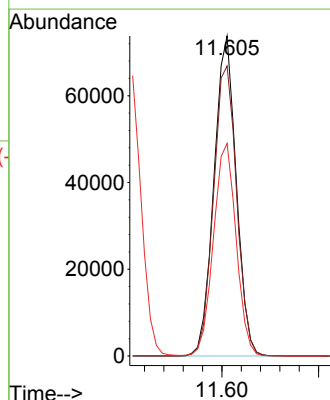
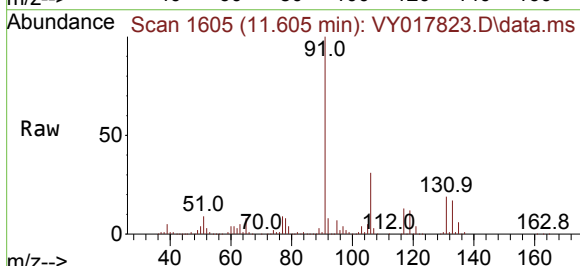
Tgt Ion:131 Resp: 117804

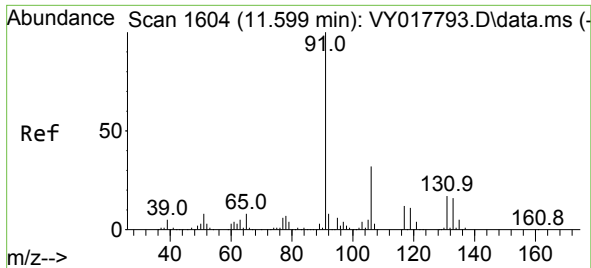
Ion Ratio Lower Upper

131 100

133 94.3 47.8 143.3

119 67.8 34.1 102.2





#67

Ethyl Benzene

Concen: 50.808 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

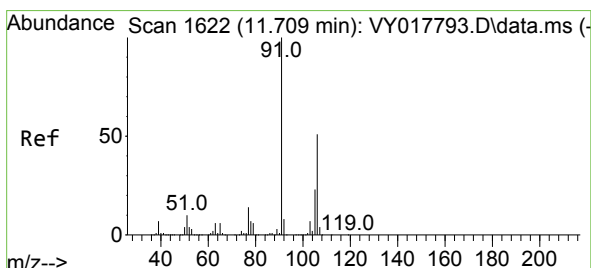
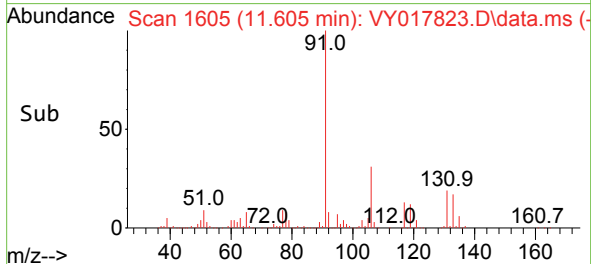
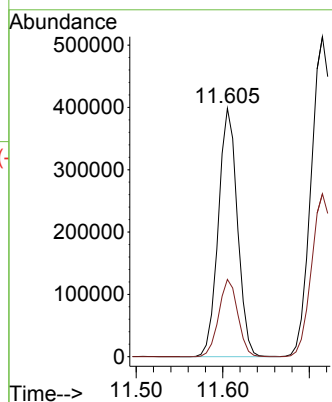
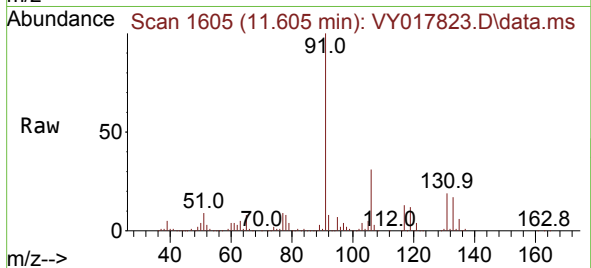
VSTDCCC050

Tgt Ion: 91 Resp: 609440

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 101.949 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017823.D

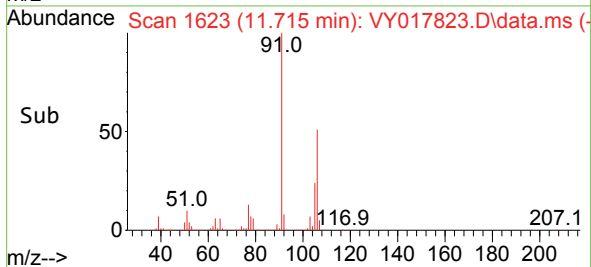
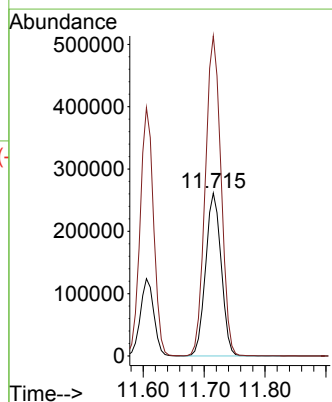
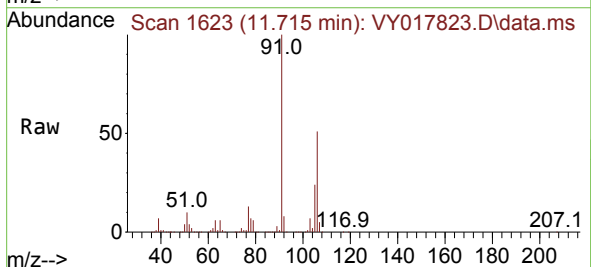
Acq: 03 Apr 2024 09:34

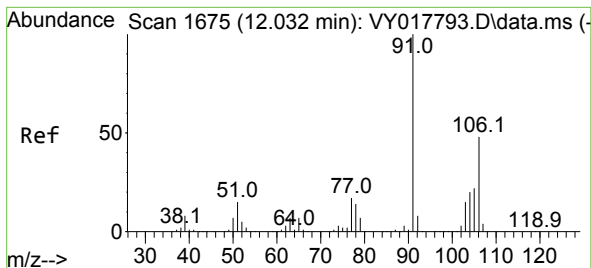
Tgt Ion:106 Resp: 463769

Ion Ratio Lower Upper

106 100

91 198.0 156.0 234.0





#69

o-Xylene

Concen: 56.110 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

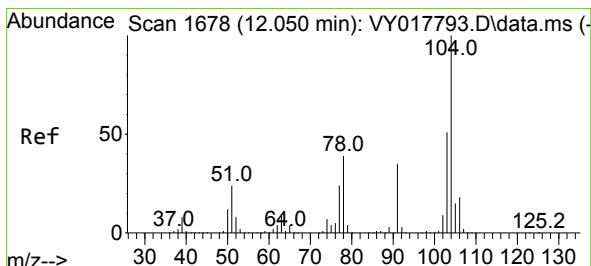
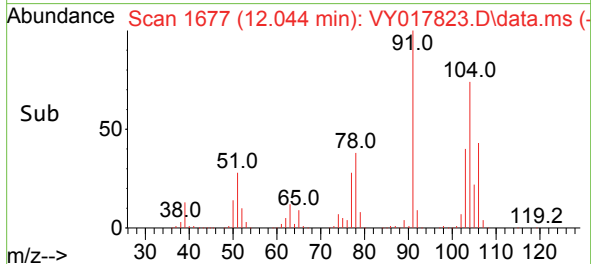
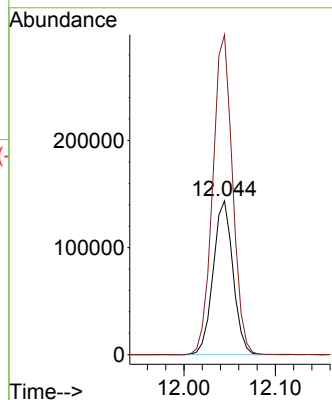
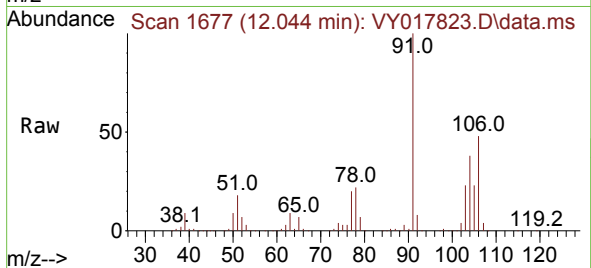
VSTDCCC050

Tgt Ion:106 Resp: 216006

Ion Ratio Lower Upper

106 100

91 208.3 103.6 310.8



#70

Styrene

Concen: 55.804 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

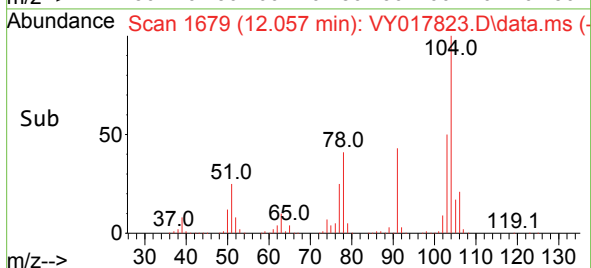
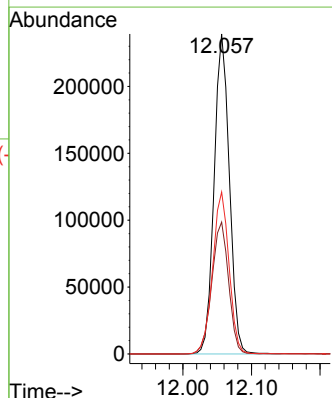
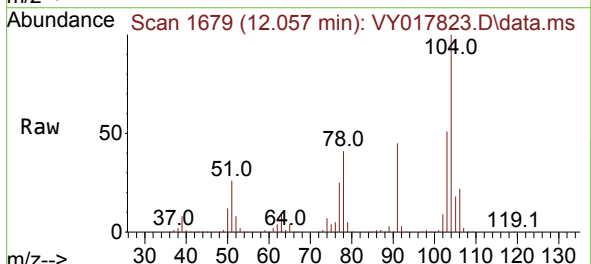
Tgt Ion:104 Resp: 369877

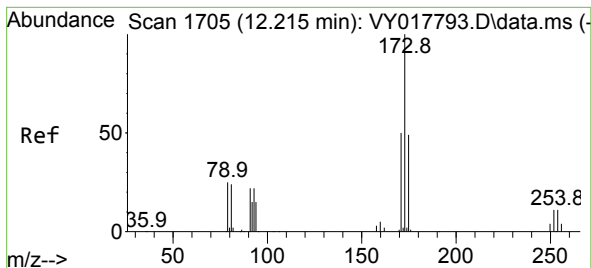
Ion Ratio Lower Upper

104 100

78 45.5 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 49.473 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

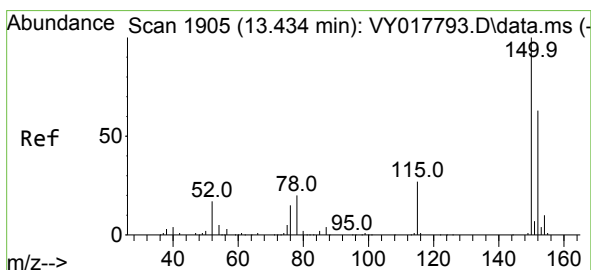
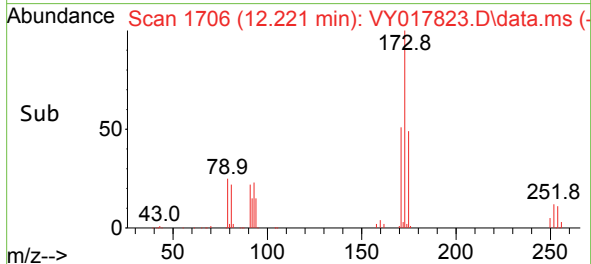
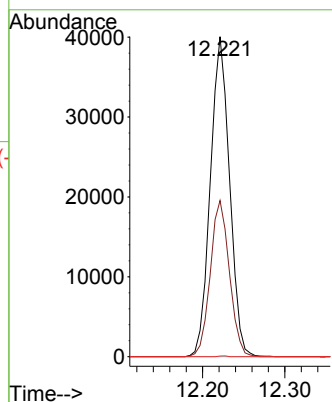
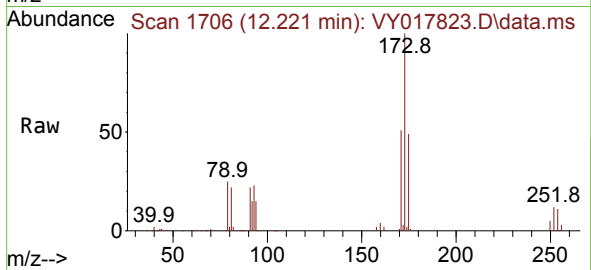
Tgt Ion:173 Resp: 64972

Ion Ratio Lower Upper

173 100

175 48.6 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

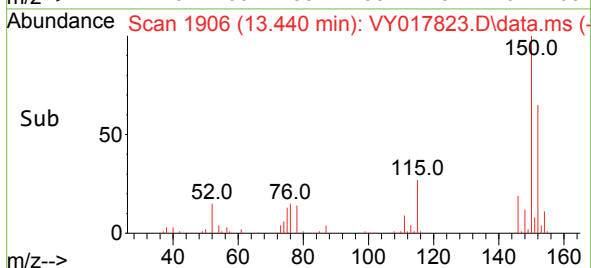
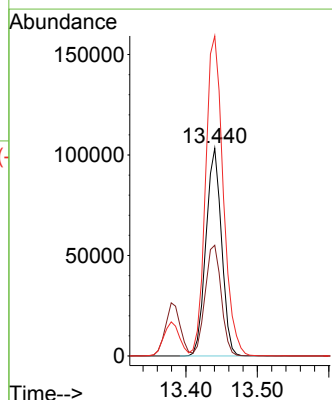
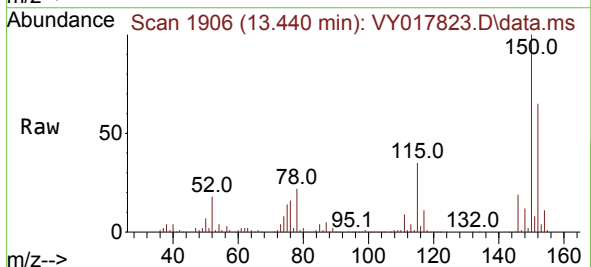
Tgt Ion:152 Resp: 156746

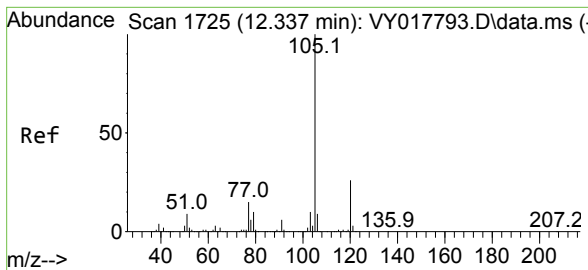
Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 174.3 0.0 345.6

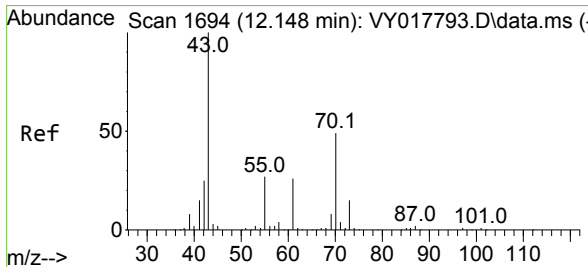
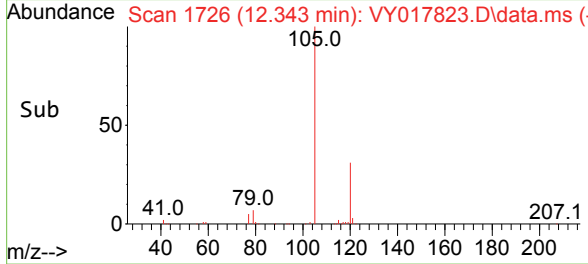
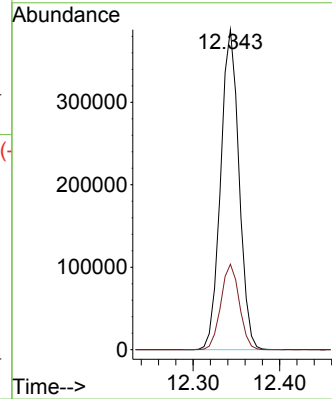
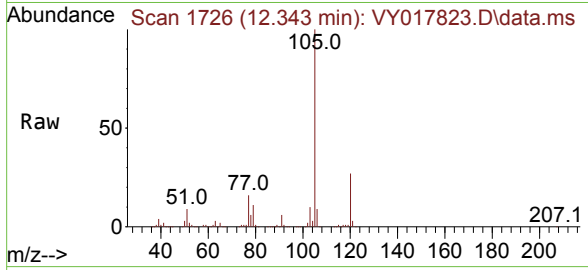




#73
Isopropylbenzene
Concen: 52.082 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

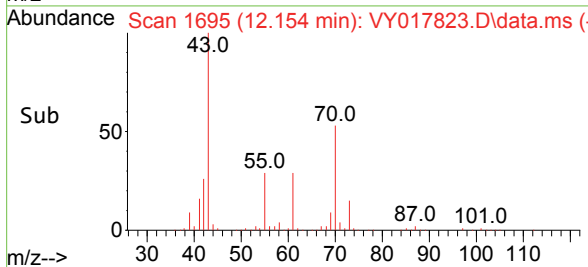
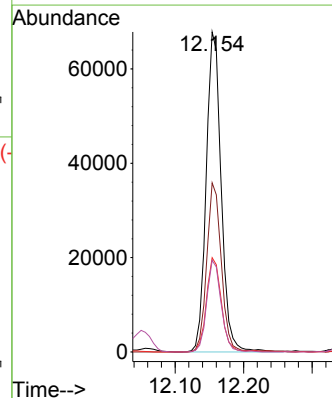
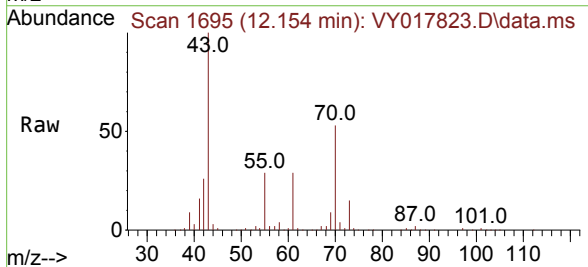
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

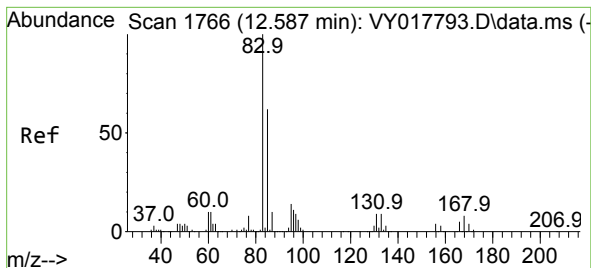
Tgt Ion:105 Resp: 572112
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 50.006 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 43 Resp: 103621
Ion Ratio Lower Upper
43 100
70 51.5 41.4 62.2
55 29.5 23.3 34.9
61 27.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 48.283 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

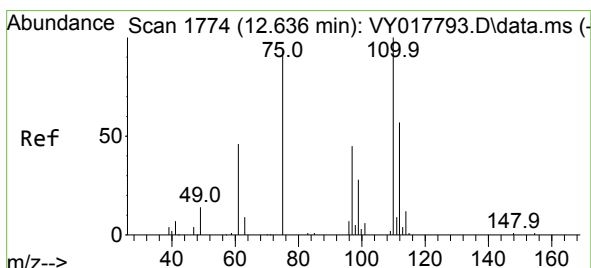
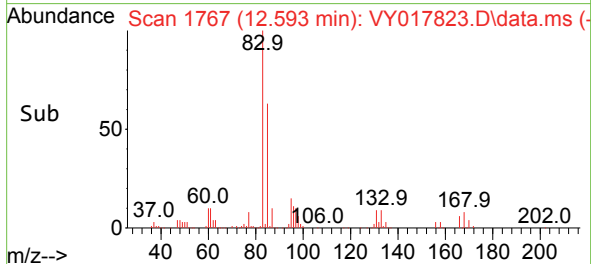
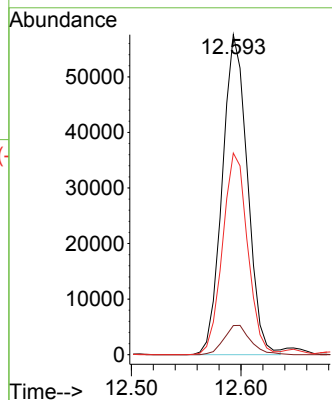
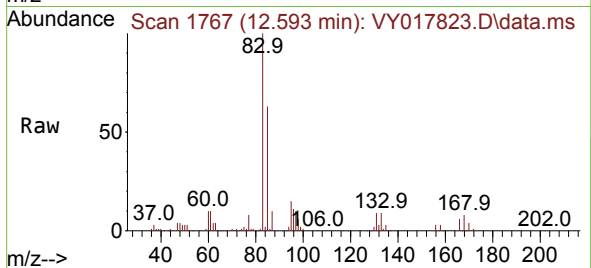
Tgt Ion: 83 Resp: 91746

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 63.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 83.858 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.012 min

Lab File: VY017823.D

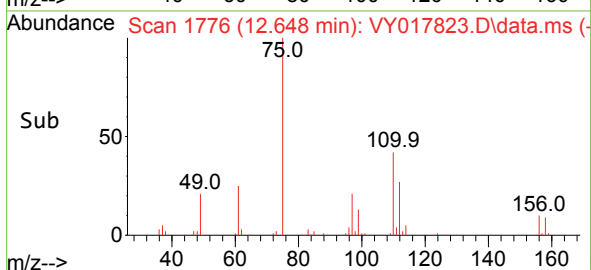
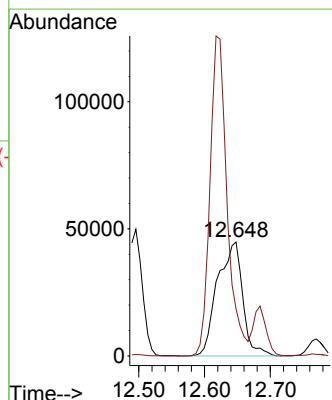
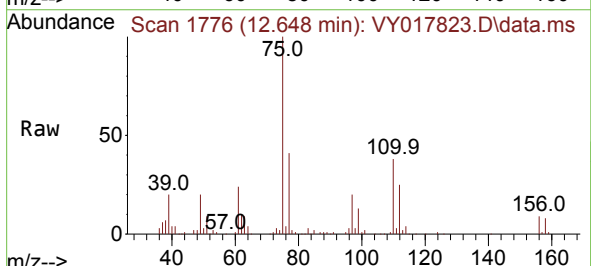
Acq: 03 Apr 2024 09:34

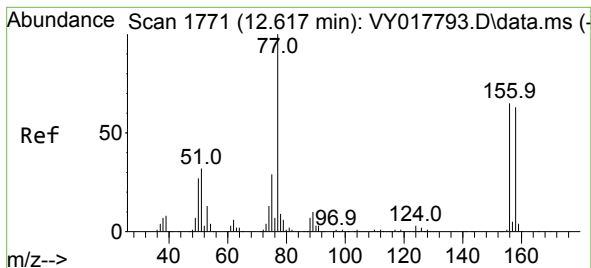
Tgt Ion: 75 Resp: 119779

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.880 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

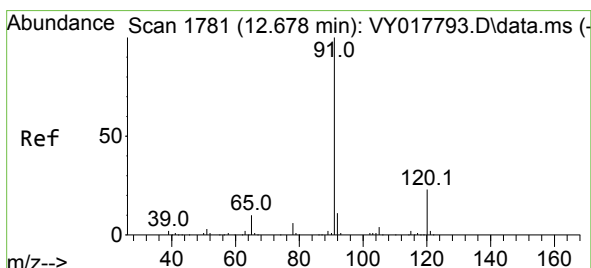
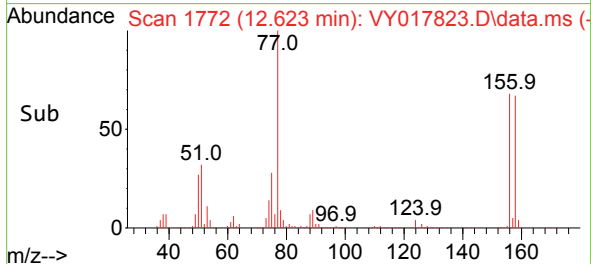
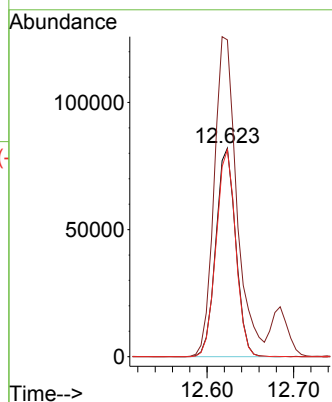
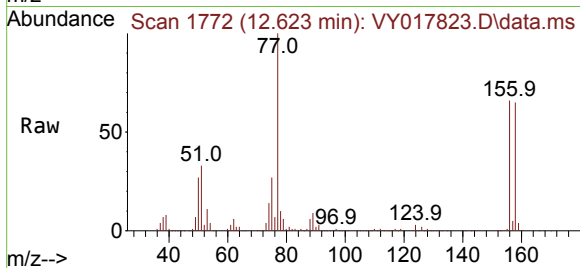
Tgt Ion:156 Resp: 130496

Ion Ratio Lower Upper

156 100

77 175.3 87.1 261.3

158 98.1 48.6 145.9



#78

n-propylbenzene

Concen: 52.658 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY017823.D

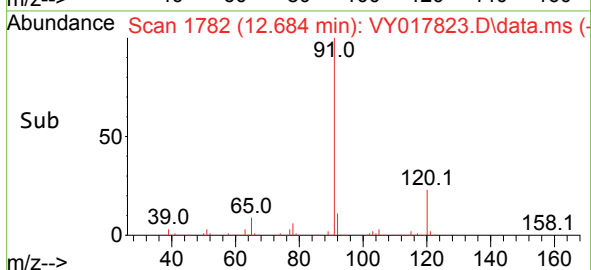
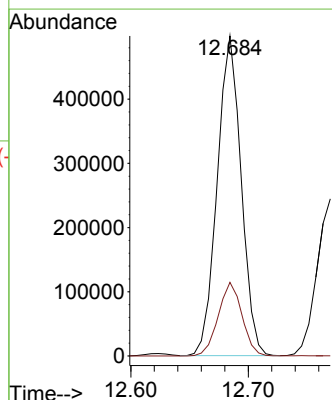
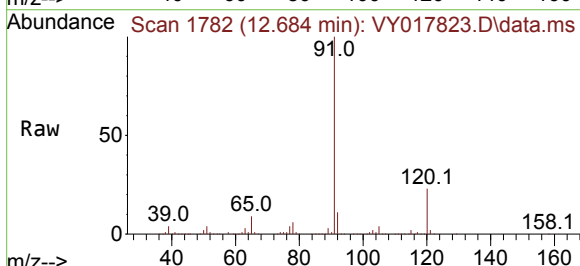
Acq: 03 Apr 2024 09:34

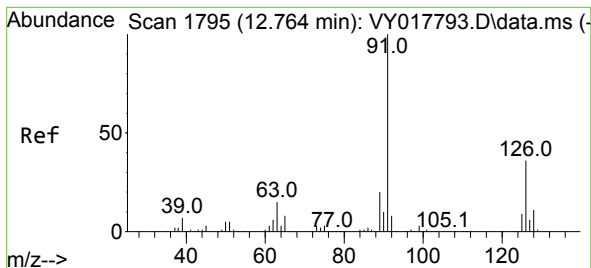
Tgt Ion: 91 Resp: 705803

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.285 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

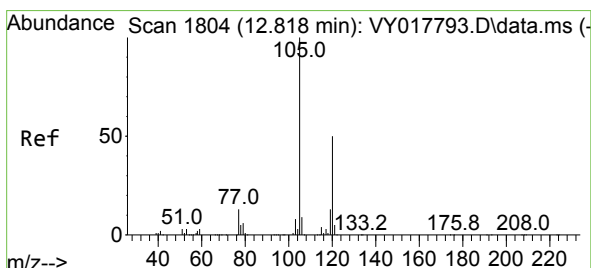
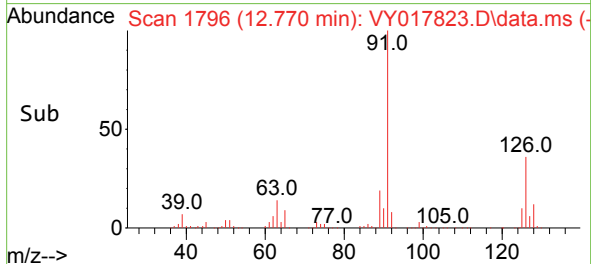
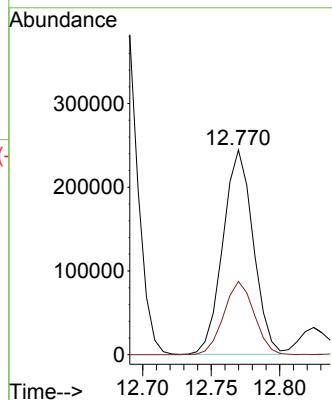
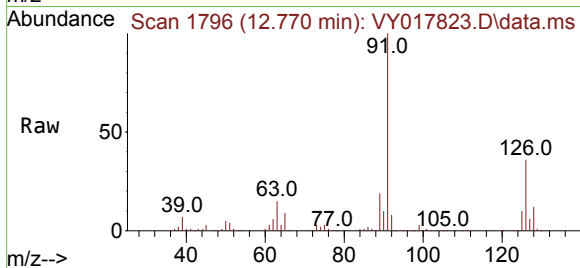
VSTDCCC050

Tgt Ion: 91 Resp: 376533

Ion Ratio Lower Upper

91 100

126 36.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 51.993 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY017823.D

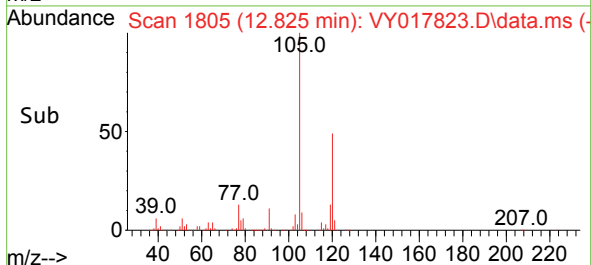
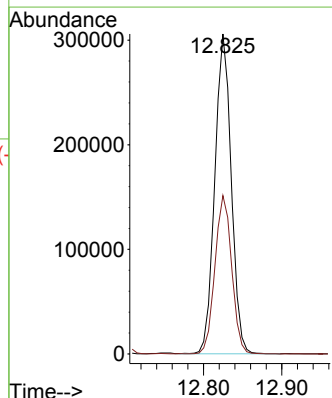
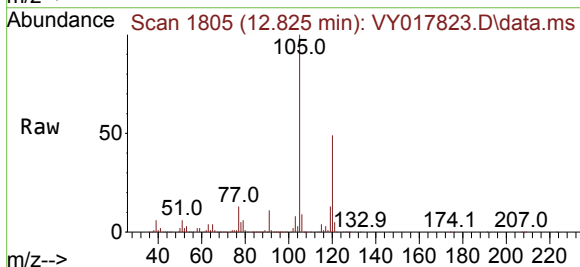
Acq: 03 Apr 2024 09:34

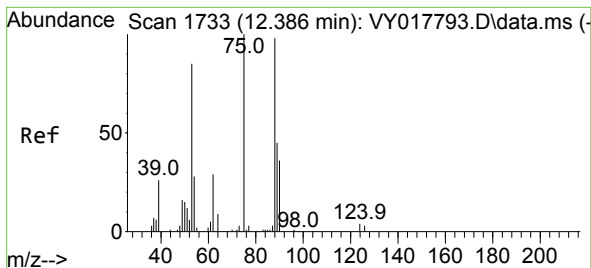
Tgt Ion: 105 Resp: 445728

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.2

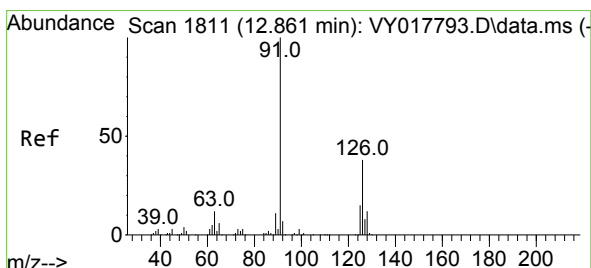
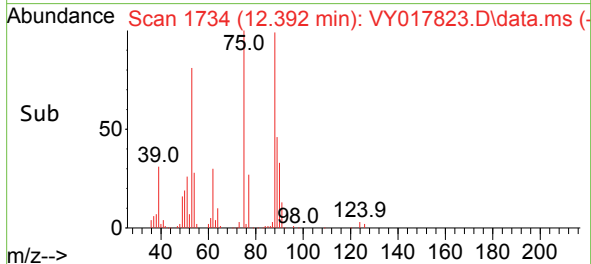
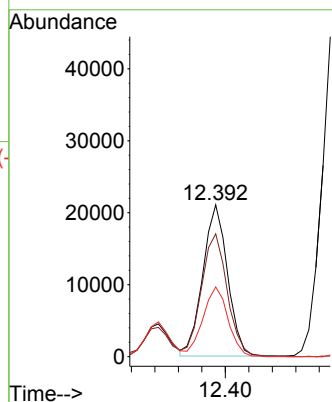
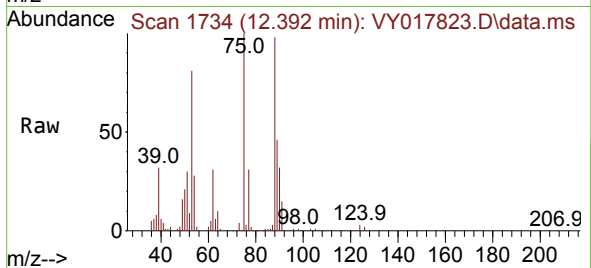




#81
trans-1,4-Dichloro-2-butene
Concen: 50.154 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

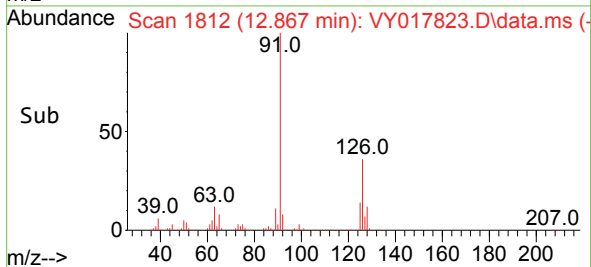
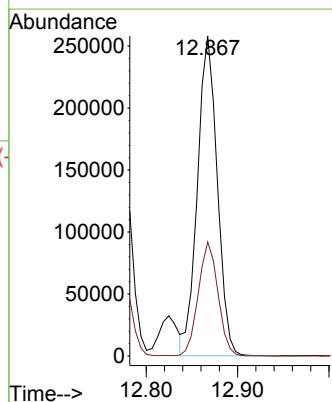
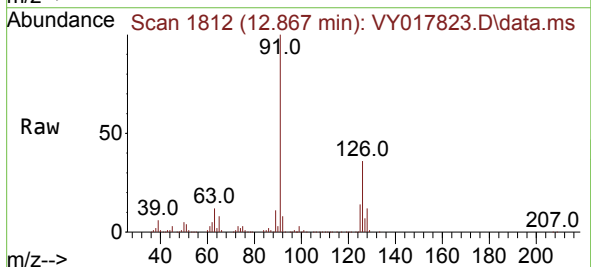
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

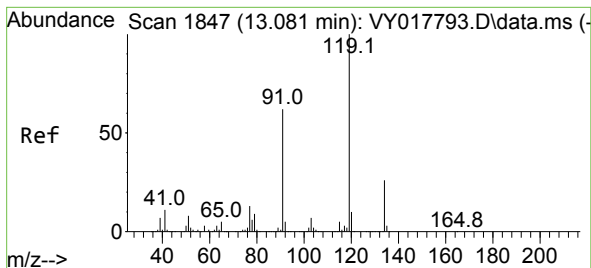
Tgt Ion: 75 Resp: 30742
Ion Ratio Lower Upper
75 100
53 85.5 66.8 100.2
89 46.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.015 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017823.D
Acq: 03 Apr 2024 09:34

Tgt Ion: 91 Resp: 387829
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 51.726 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

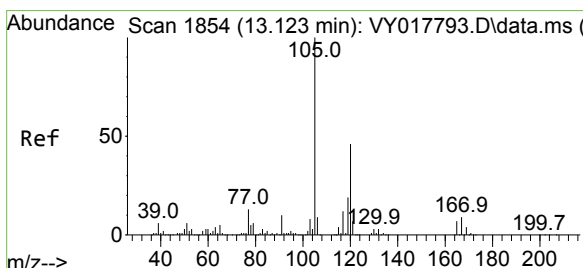
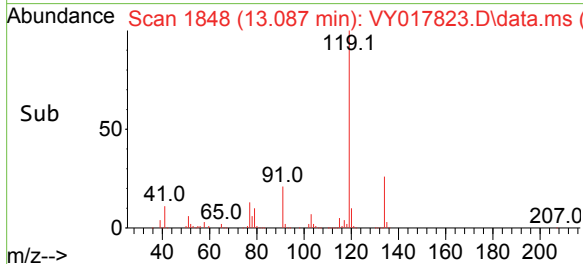
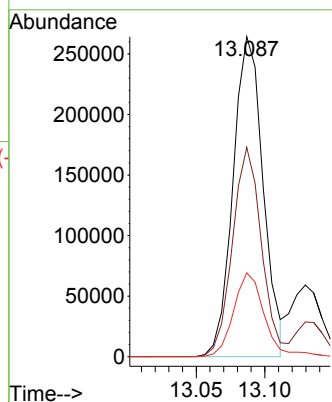
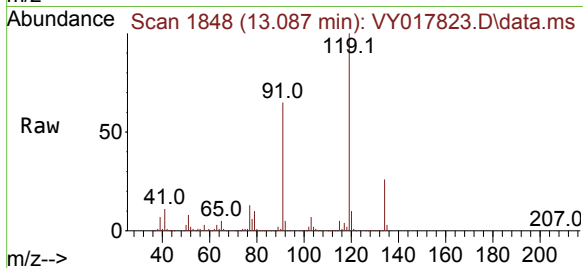
Tgt Ion:119 Resp: 403156

Ion Ratio Lower Upper

119 100

91 63.6 31.3 93.8

134 26.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.701 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.012 min

Lab File: VY017823.D

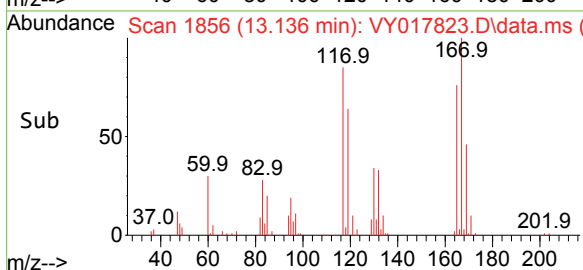
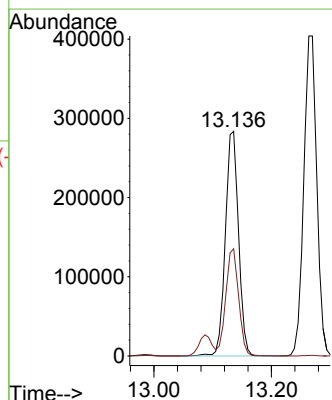
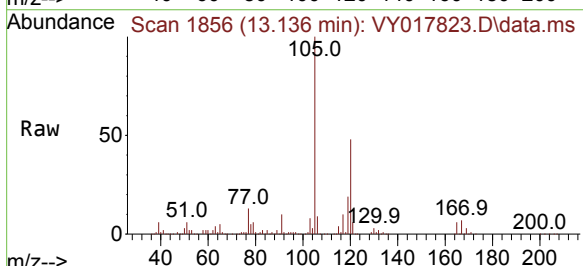
Acq: 03 Apr 2024 09:34

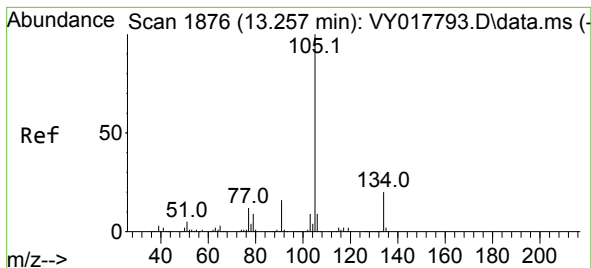
Tgt Ion:105 Resp: 441424

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.991 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.012 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

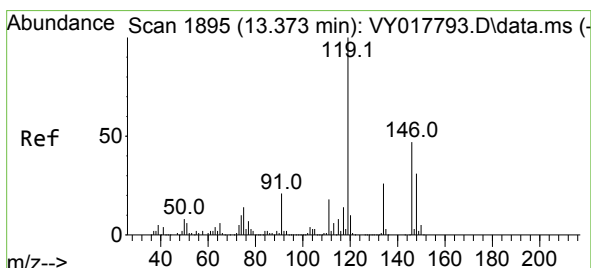
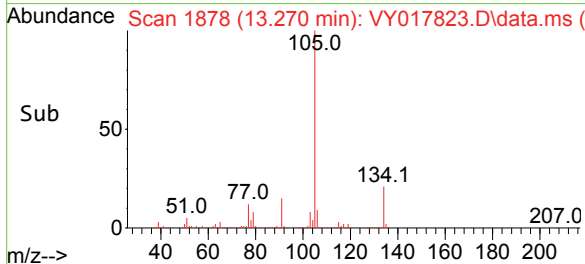
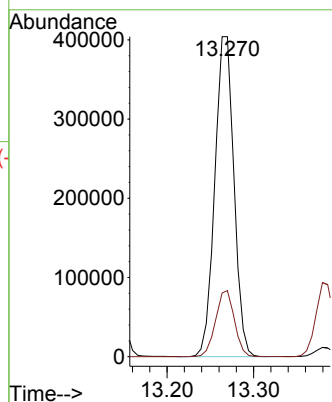
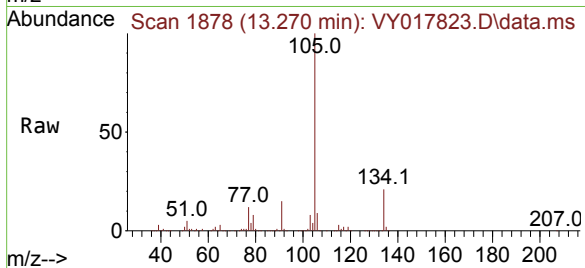
VSTDCCC050

Tgt Ion:105 Resp: 619897

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.882 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

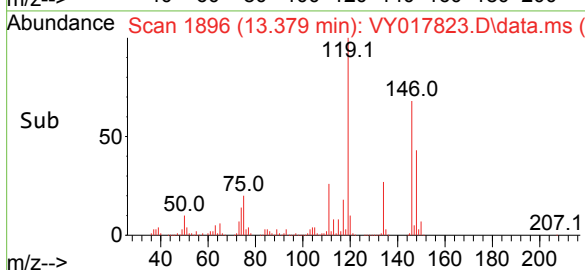
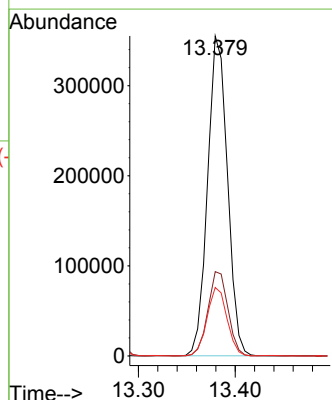
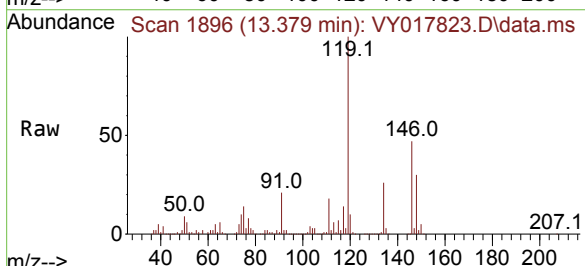
Tgt Ion:119 Resp: 507310

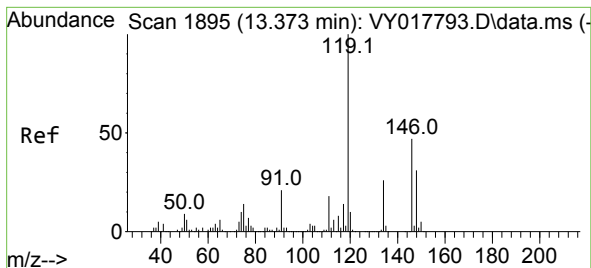
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 21.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.027 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

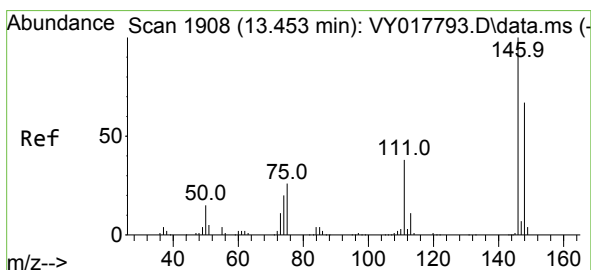
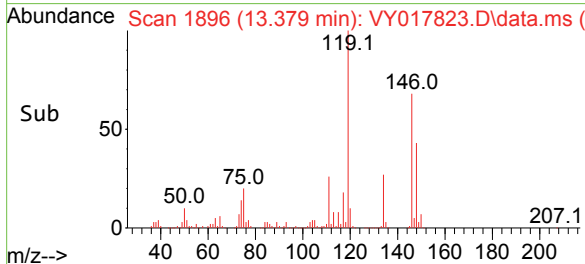
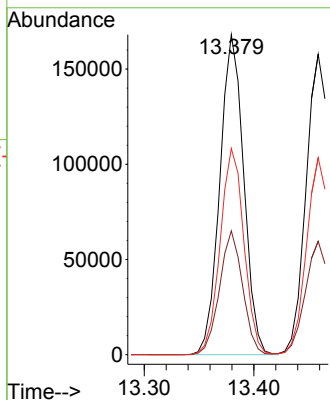
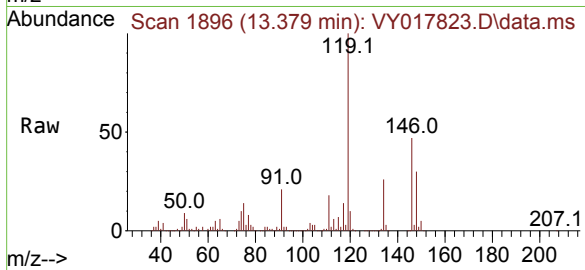
Tgt Ion:146 Resp: 254509

Ion Ratio Lower Upper

146 100

111 37.5 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.731 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

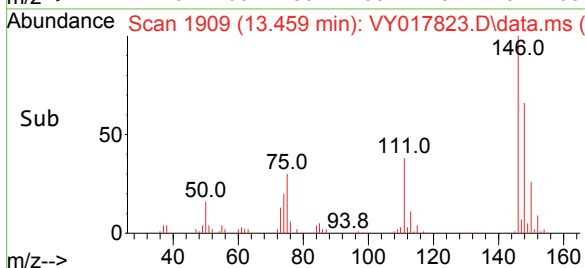
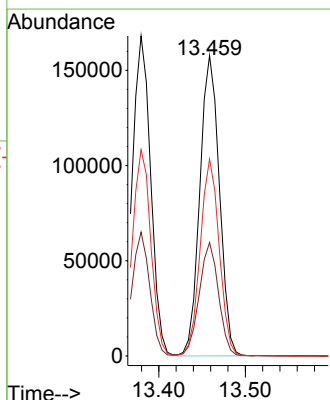
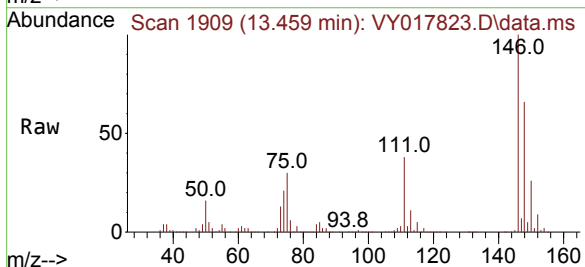
Tgt Ion:146 Resp: 247103

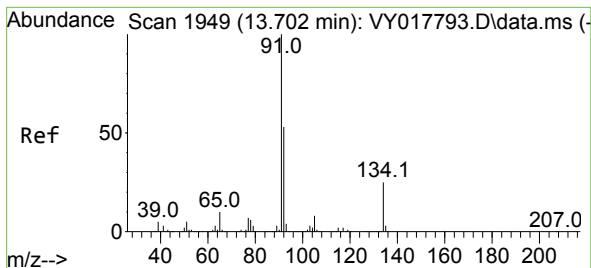
Ion Ratio Lower Upper

146 100

111 37.3 18.4 55.4

148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 52.735 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

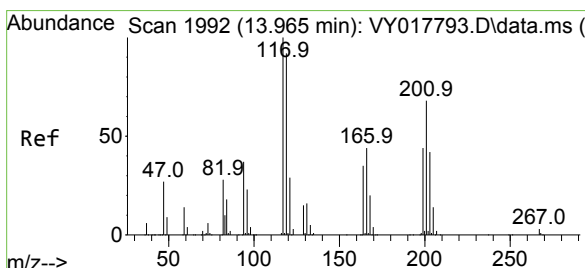
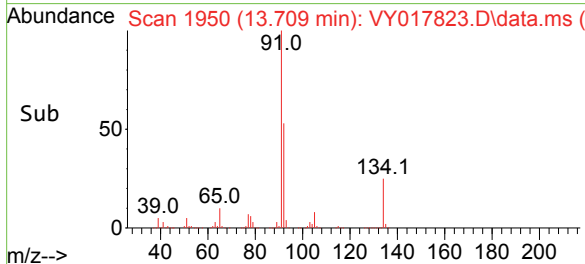
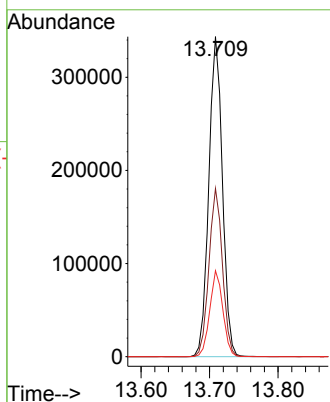
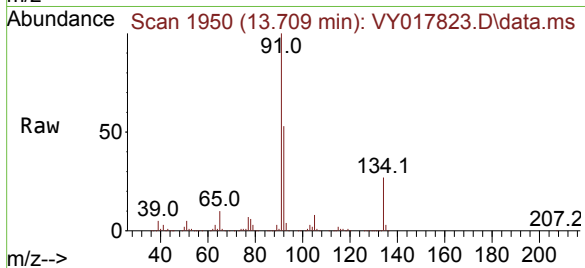
Tgt Ion: 91 Resp: 474414

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.7

134 25.9 12.9 38.7



#90

Hexachloroethane

Concen: 50.830 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.012 min

Lab File: VY017823.D

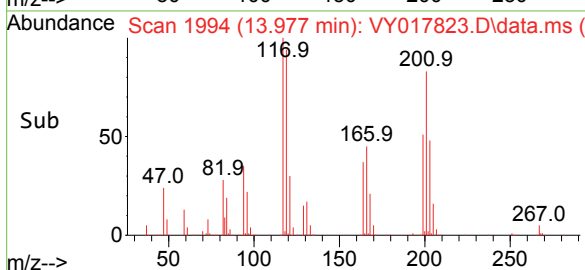
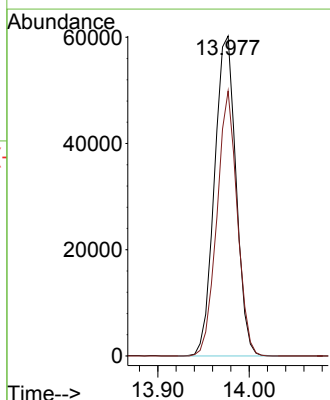
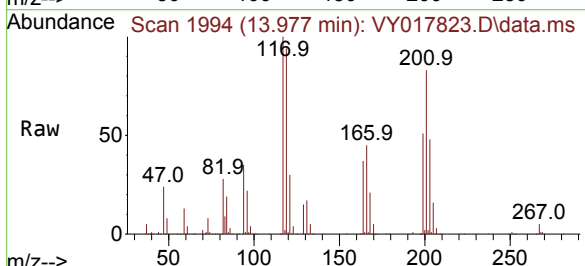
Acq: 03 Apr 2024 09:34

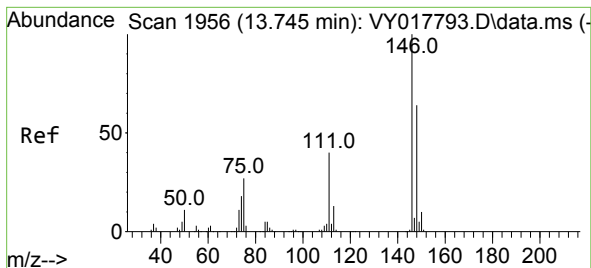
Tgt Ion: 117 Resp: 98832

Ion Ratio Lower Upper

117 100

201 77.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.555 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

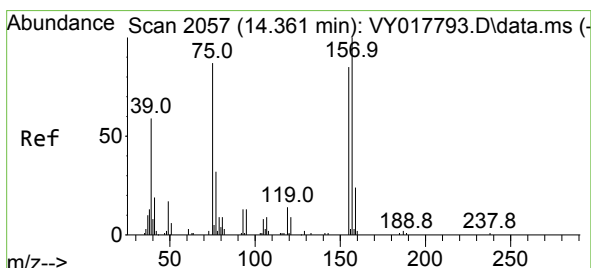
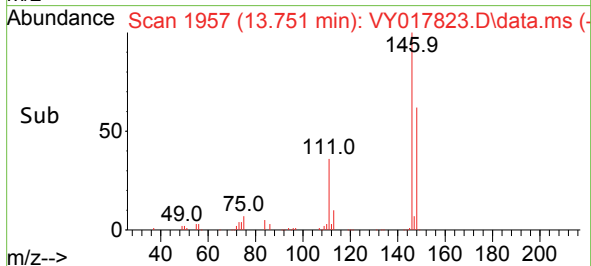
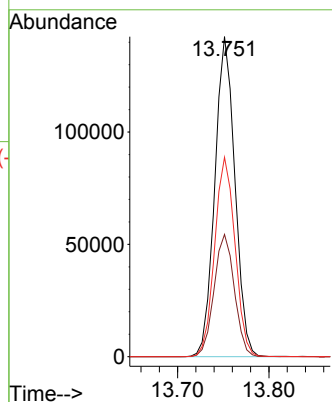
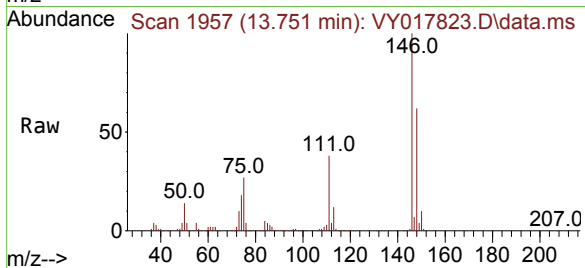
Tgt Ion:146 Resp: 217542

Ion Ratio Lower Upper

146 100

111 38.7 19.9 59.7

148 63.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.250 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

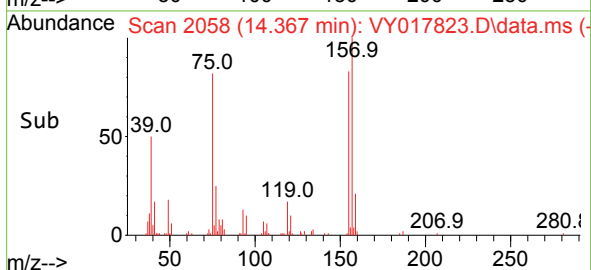
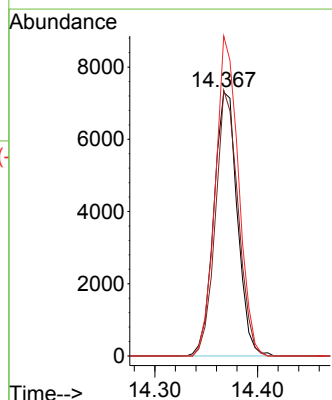
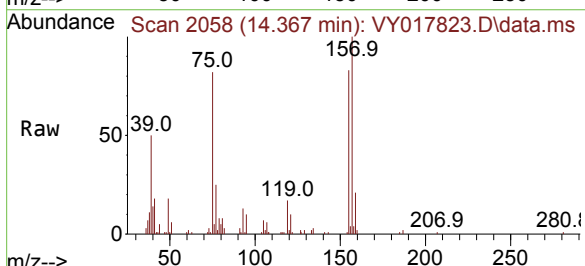
Tgt Ion: 75 Resp: 11619

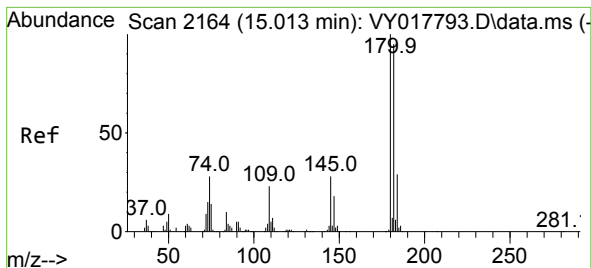
Ion Ratio Lower Upper

75 100

155 96.7 48.6 145.8

157 118.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.241 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

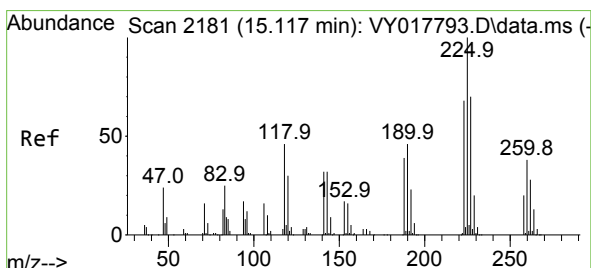
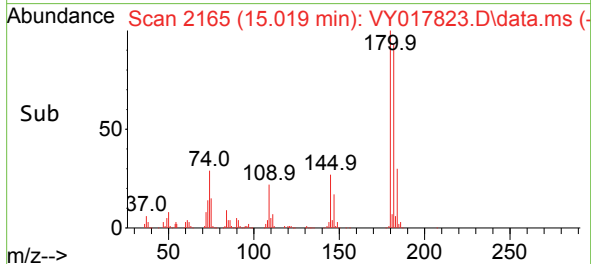
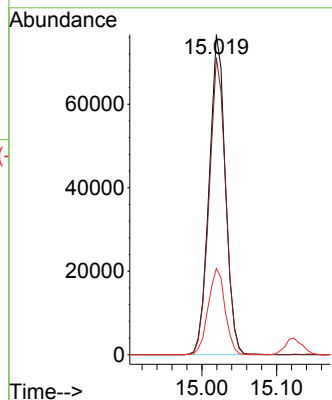
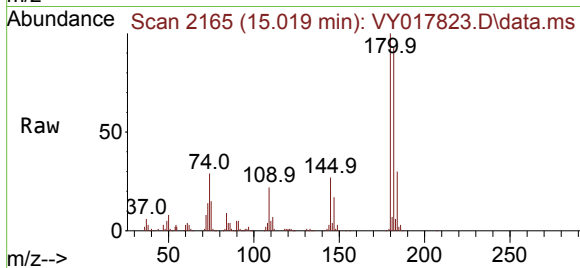
Tgt Ion:180 Resp: 116056

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.8

145 27.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 49.542 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

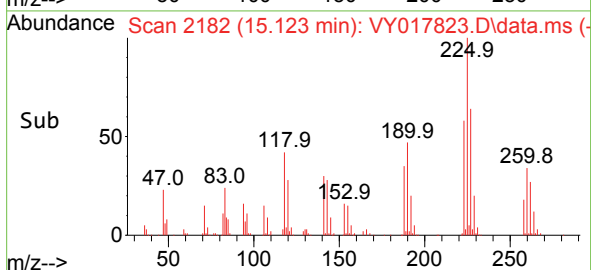
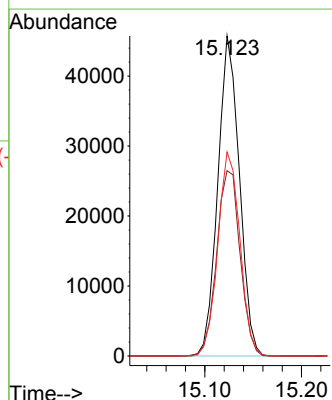
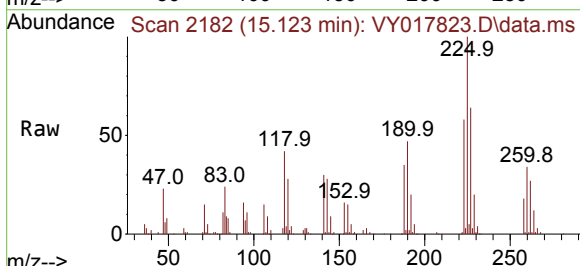
Tgt Ion:225 Resp: 70785

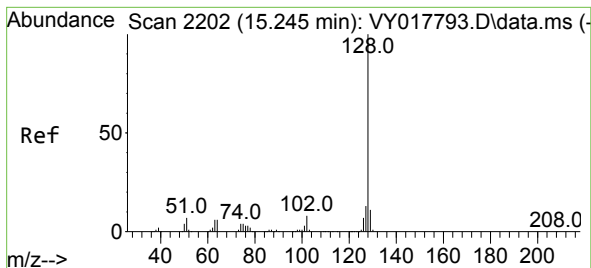
Ion Ratio Lower Upper

225 100

223 62.7 30.4 91.2

227 65.3 31.9 95.9





#95

Naphthalene

Concen: 47.973 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

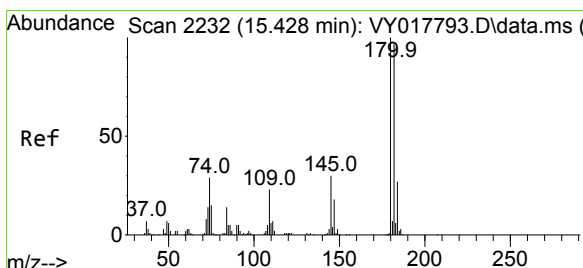
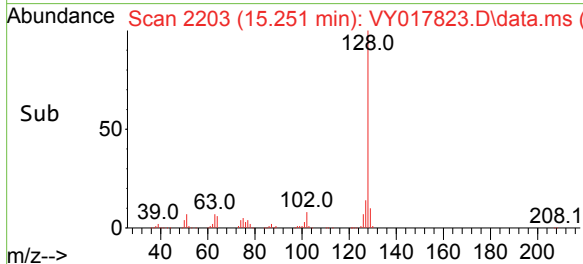
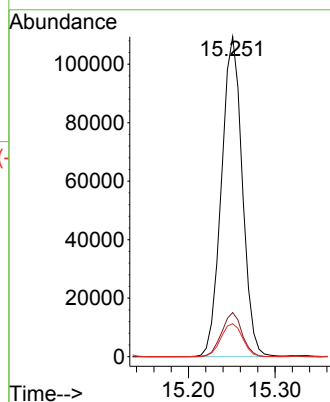
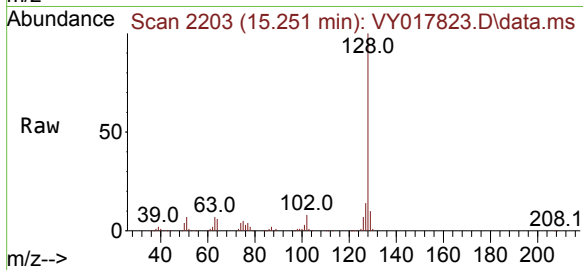
Tgt Ion:128 Resp: 182783

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.113 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.012 min

Lab File: VY017823.D

Acq: 03 Apr 2024 09:34

Tgt Ion:180 Resp: 93797

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.9

145 29.5 15.4 46.1

