

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017840.D
 Acq On : 04 Apr 2024 08:58
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 05 00:41:41 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	7.807	168	163167	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	254136	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	217163	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.440	152	98584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	71251	50.463	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.920%	
35) Dibromofluoromethane	7.734	113	77868	53.025	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.060%	
50) Toluene-d8	10.197	98	293970	53.590	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.180%	
62) 4-Bromofluorobenzene	12.495	95	85344	51.136	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	53706	49.217	ug/l	99
3) Chloromethane	2.131	50	98500	46.250	ug/l	99
4) Vinyl Chloride	2.266	62	147783	53.096	ug/l	99
5) Bromomethane	2.668	94	126585	56.248	ug/l	100
6) Chloroethane	2.814	64	107938	59.438	ug/l	98
7) Trichlorofluoromethane	3.144	101	125378	46.192	ug/l	96
8) Diethyl Ether	3.552	74	32938	41.311	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.918	101	75343	46.286	ug/l	98
10) Methyl Iodide	4.119	142	87585	49.478	ug/l	98
11) Tert butyl alcohol	4.972	59	18166	169.558	ug/l #	91
12) 1,1-Dichloroethene	3.899	96	70561	46.323	ug/l	96
13) Acrolein	3.753	56	22874	231.235	ug/l	99
14) Allyl chloride	4.503	41	77874	41.672	ug/l	87
15) Acrylonitrile	5.180	53	65317	194.074	ug/l	99
16) Acetone	3.967	43	63216	216.597	ug/l	90
17) Carbon Disulfide	4.216	76	191110	44.335	ug/l	97
18) Methyl Acetate	4.497	43	23841	36.879	ug/l	95
19) Methyl tert-butyl Ether	5.247	73	154012	44.159	ug/l	99
20) Methylene Chloride	4.741	84	77082	42.712	ug/l	95
21) trans-1,2-Dichloroethene	5.247	96	77291	47.418	ug/l	98
22) Diisopropyl ether	6.137	45	188087	43.546	ug/l	92
23) Vinyl Acetate	6.082	43	565609	214.480	ug/l	99
24) 1,1-Dichloroethane	6.045	63	133856	46.693	ug/l	98
25) 2-Butanone	7.009	43	83443	200.693	ug/l	99
26) 2,2-Dichloropropane	7.003	77	118955	48.042	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	90886	47.180	ug/l	97
28) Bromochloromethane	7.356	49	51581	44.245	ug/l	98
29) Tetrahydrofuran	7.368	42	45615	182.842	ug/l	97
30) Chloroform	7.527	83	144286	48.509	ug/l	98
31) Cyclohexane	7.807	56	106140	42.672	ug/l	100
32) 1,1,1-Trichloroethane	7.722	97	125336	49.509	ug/l	97
36) 1,1-Dichloropropene	7.935	75	101866	47.542	ug/l	98
37) Ethyl Acetate	7.094	43	36087	39.027	ug/l	97
38) Carbon Tetrachloride	7.917	117	110691	49.763	ug/l	97
39) Methylcyclohexane	9.203	83	126912	47.418	ug/l	98
40) Benzene	8.179	78	311720	47.207	ug/l	99

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 ClientSampleId :
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.368	41	26174	49.587	ug/l #	37
42) 1,2-Dichloroethane	8.258	62	76222	46.898	ug/l	97
43) Isopropyl Acetate	8.289	43	69677	41.523	ug/l	97
44) Trichloroethene	8.960	130	80100	46.624	ug/l	94
45) 1,2-Dichloropropane	9.234	63	69514	45.304	ug/l	99
46) Dibromomethane	9.325	93	40566	46.534	ug/l	97
47) Bromodichloromethane	9.514	83	105967	48.108	ug/l	96
48) Methyl methacrylate	9.307	41	30462	43.704	ug/l #	92
49) 1,4-Dioxane	9.319	88	7953	812.670	ug/l #	95
51) 4-Methyl-2-Pentanone	10.087	43	178874	219.581	ug/l	99
52) Toluene	10.258	92	195679	48.855	ug/l	100
53) t-1,3-Dichloropropene	10.478	75	90879	46.467	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	111635	46.768	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	52239	44.973	ug/l	98
56) Ethyl methacrylate	10.526	69	64544	45.976	ug/l #	93
57) 1,3-Dichloropropane	10.807	76	88176	44.883	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	182320	252.511	ug/l	99
59) 2-Hexanone	10.849	43	128386	221.558	ug/l	99
60) Dibromochloromethane	11.002	129	66879	45.650	ug/l	99
61) 1,2-Dibromoethane	11.105	107	46935	44.313	ug/l	100
64) Tetrachloroethene	10.734	164	88368	46.654	ug/l	99
65) Chlorobenzene	11.532	112	210126	47.169	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	72469	47.910	ug/l	99
67) Ethyl Benzene	11.611	91	378749	49.458	ug/l	98
68) m/p-Xylenes	11.721	106	287916	99.136	ug/l	98
69) o-Xylene	12.044	106	134324	54.900	ug/l	100
70) Styrene	12.063	104	227740	54.152	ug/l	99
71) Bromoform	12.227	173	36435	43.456	ug/l #	98
73) Isopropylbenzene	12.349	105	355942	51.520	ug/l	99
74) N-amyl acetate	12.160	43	57843	45.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	52357	43.810	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	69658	77.540	ug/l #	100
77) Bromobenzene	12.630	156	77517	47.111	ug/l	98
78) n-propylbenzene	12.691	91	431238	51.155	ug/l	99
79) 2-Chlorotoluene	12.776	91	226669	49.088	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	274453	50.902	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	17663	46.395	ug/l	96
82) 4-Chlorotoluene	12.873	91	229324	47.962	ug/l	98
83) tert-Butylbenzene	13.093	119	254088	51.833	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	270893	50.446	ug/l	99
85) sec-Butylbenzene	13.270	105	384067	52.201	ug/l	99
86) p-Isopropyltoluene	13.386	119	318273	51.753	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	158301	48.484	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	150940	48.300	ug/l	98
89) n-Butylbenzene	13.715	91	297170	52.521	ug/l	98
90) Hexachloroethane	13.977	117	62205	50.867	ug/l	97
91) 1,2-Dichlorobenzene	13.757	146	128775	47.582	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	6542	40.509	ug/l	97
93) 1,2,4-Trichlorobenzene	15.025	180	69671	47.000	ug/l	97
94) Hexachlorobutadiene	15.129	225	43364	48.256	ug/l	98
95) Naphthalene	15.257	128	107643	45.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.446	180	55898	44.641	ug/l	99

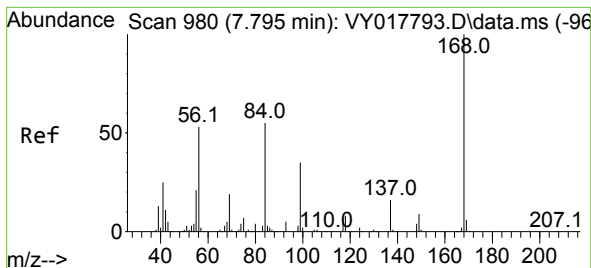
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Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

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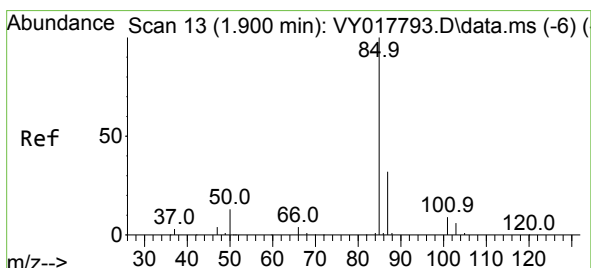
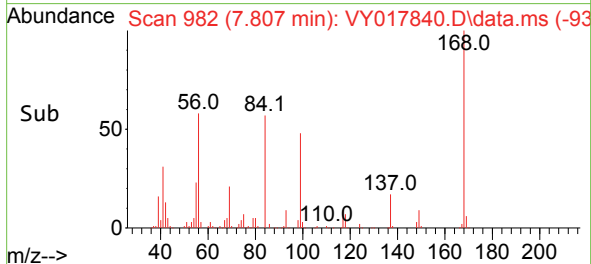
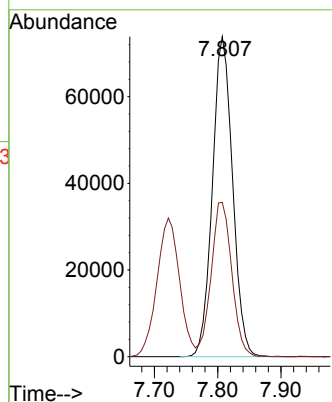
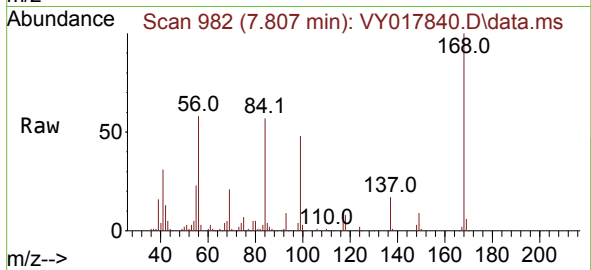
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

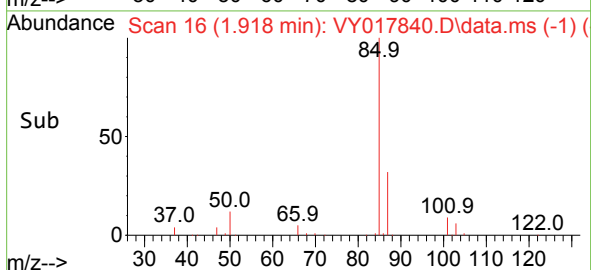
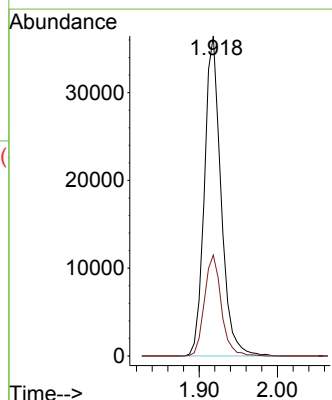
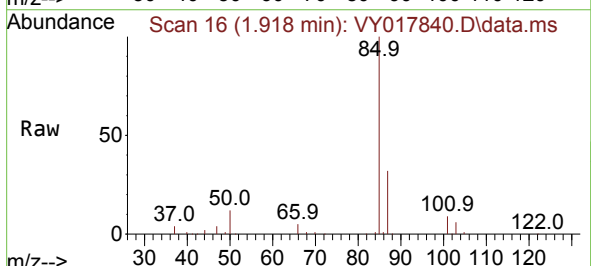
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VSTDCCC050

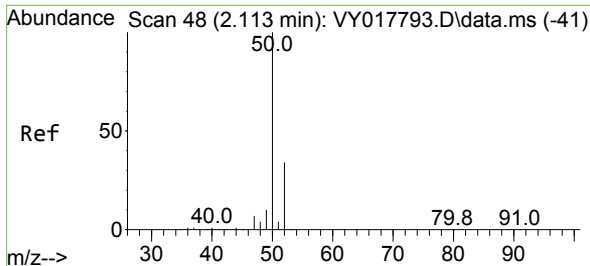
Tgt Ion:168 Resp: 163167
Ion Ratio Lower Upper
168 100
99 48.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 49.217 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 85 Resp: 53706
Ion Ratio Lower Upper
85 100
87 31.6 16.0 48.0

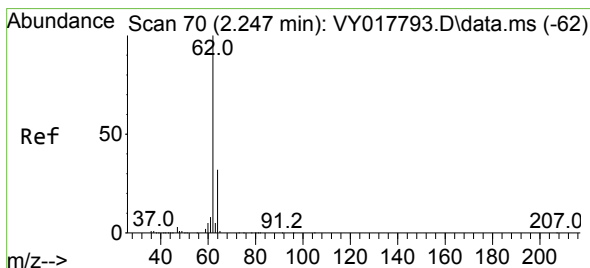
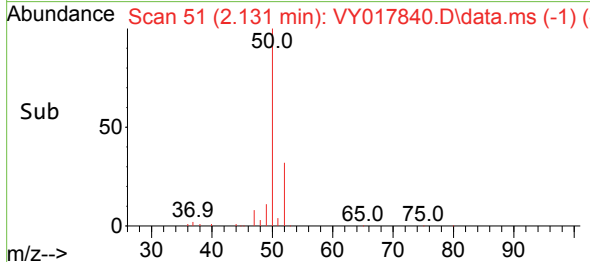
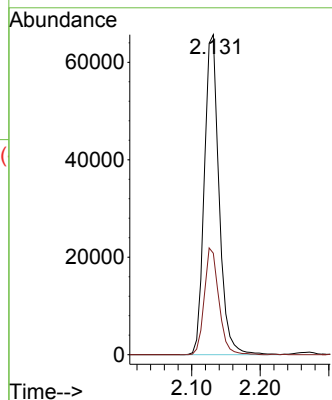
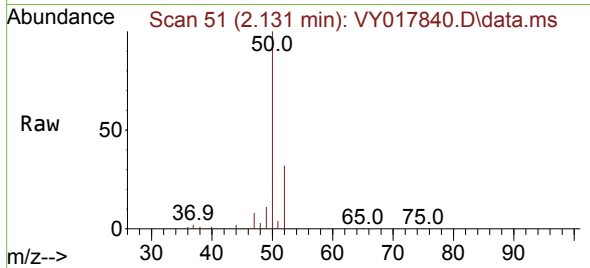




#3
Chloromethane
Concen: 46.250 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

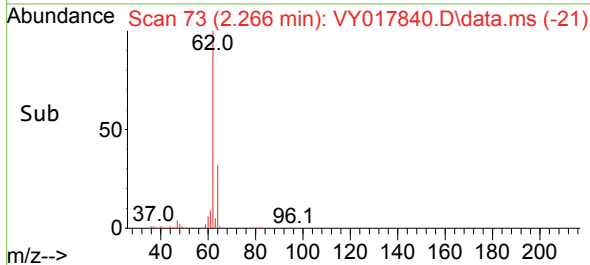
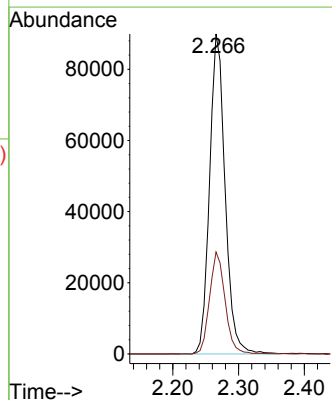
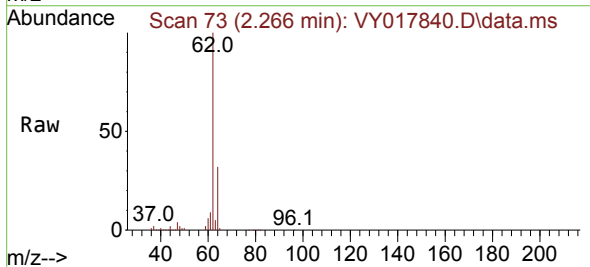
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ClientSampleId :
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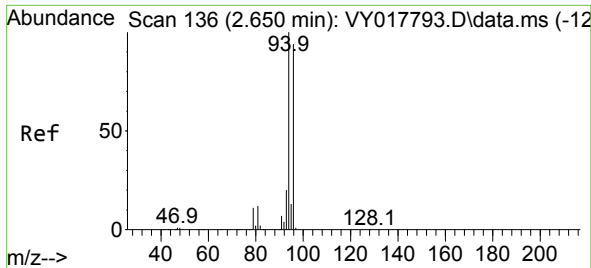
Tgt Ion: 50 Resp: 98500
Ion Ratio Lower Upper
50 100
52 31.7 25.6 38.4



#4
Vinyl Chloride
Concen: 53.096 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 62 Resp: 147783
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1

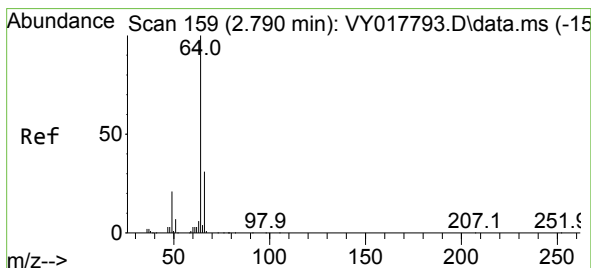
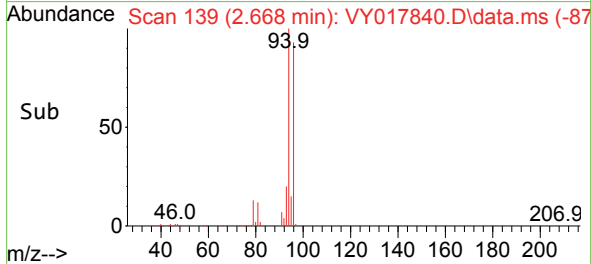
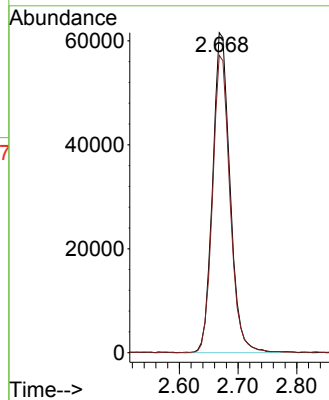
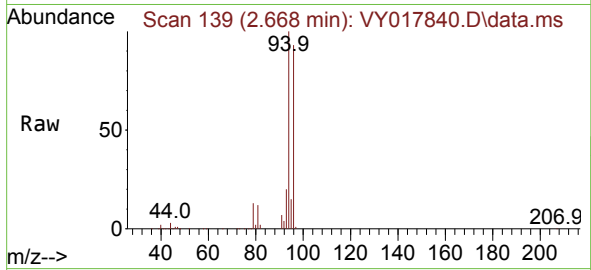




#5
Bromomethane
Concen: 56.248 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

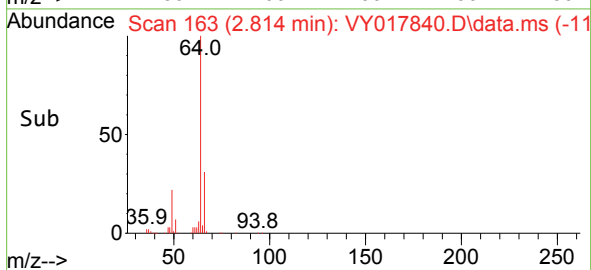
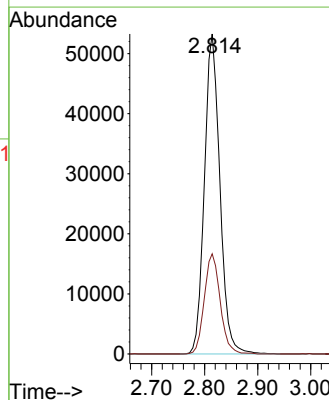
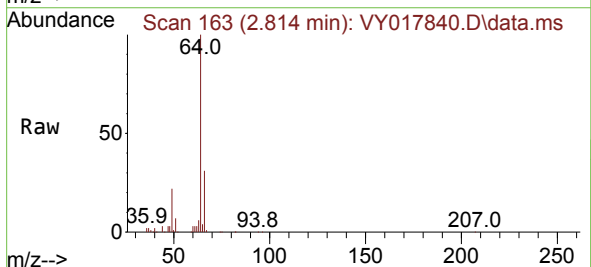
Instrument :
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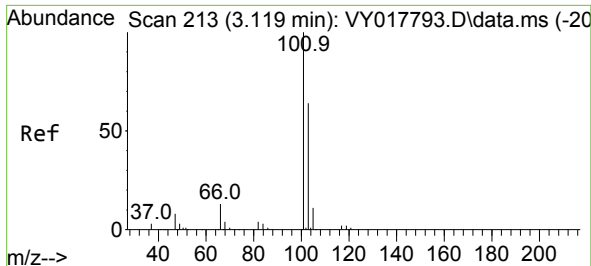
Tgt Ion: 94 Resp: 126585
Ion Ratio Lower Upper
94 100
96 92.9 74.1 111.1



#6
Chloroethane
Concen: 59.438 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.025 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 64 Resp: 107938
Ion Ratio Lower Upper
64 100
66 31.3 26.1 39.1

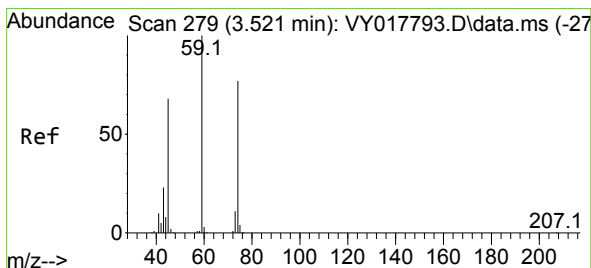
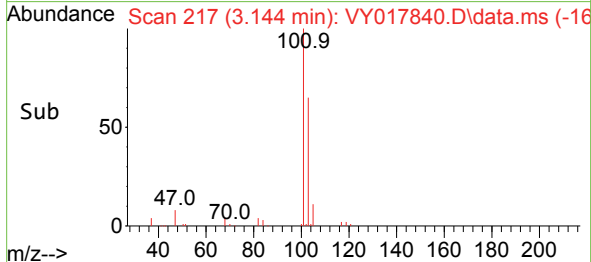
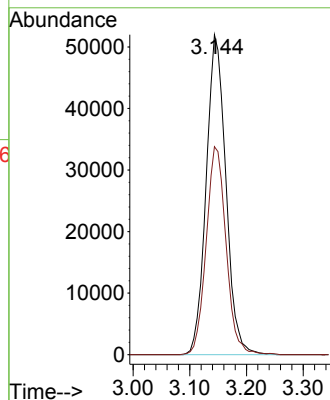
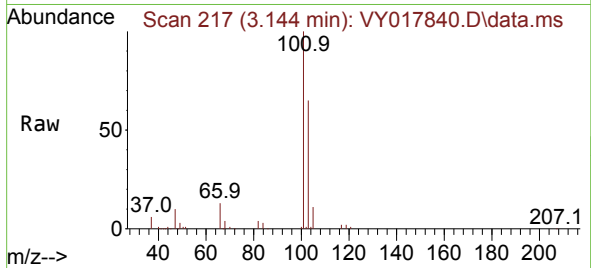




#7
Trichlorofluoromethane
Concen: 46.192 ug/l
RT: 3.144 min Scan# 213
Delta R.T. 0.025 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

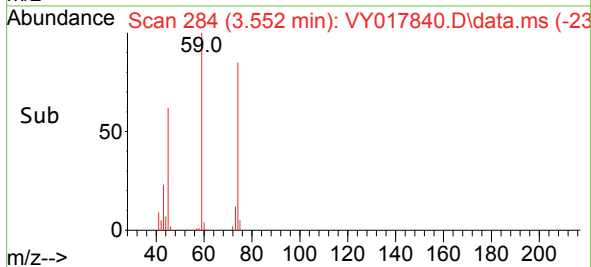
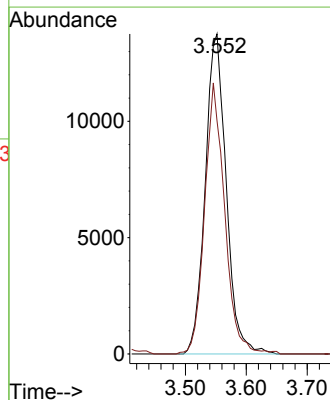
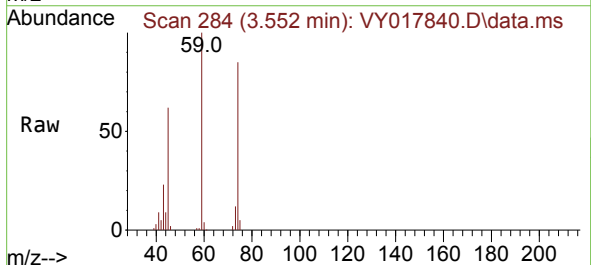
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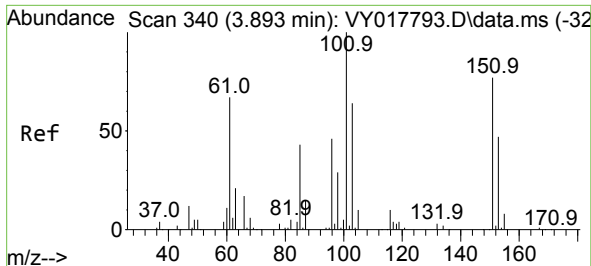
Tgt Ion:101 Resp: 125378
Ion Ratio Lower Upper
101 100
103 65.0 49.3 73.9



#8
Diethyl Ether
Concen: 41.311 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.031 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 74 Resp: 32938
Ion Ratio Lower Upper
74 100
45 81.1 41.3 124.1

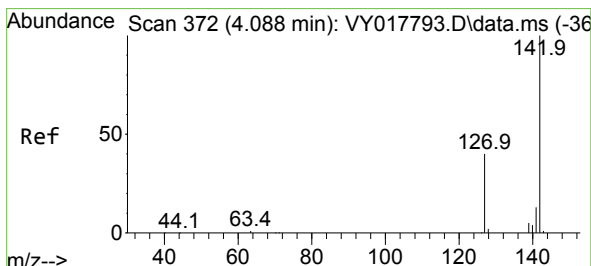
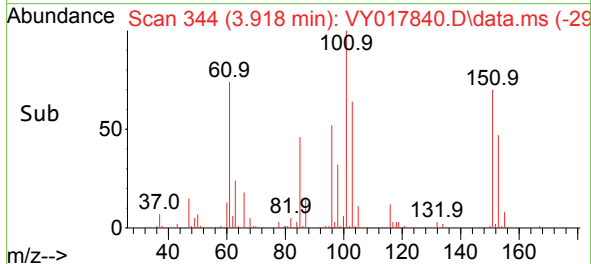
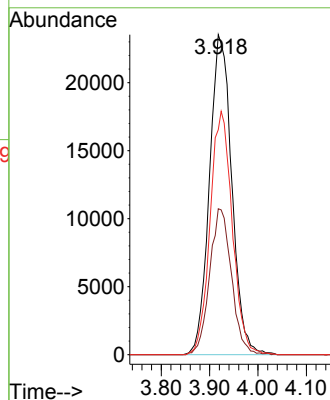
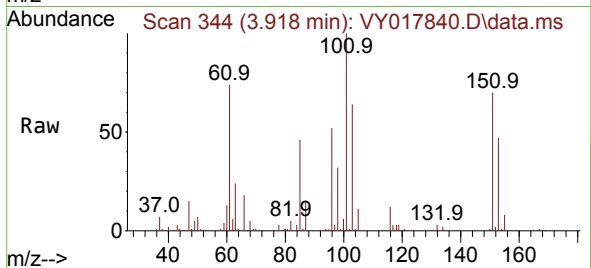




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.286 ug/l
RT: 3.918 min Scan# 340
Delta R.T. 0.025 min
Lab File: VY017840.D
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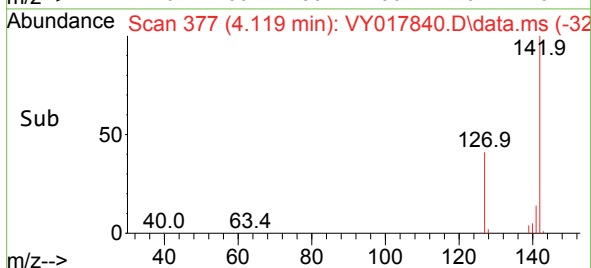
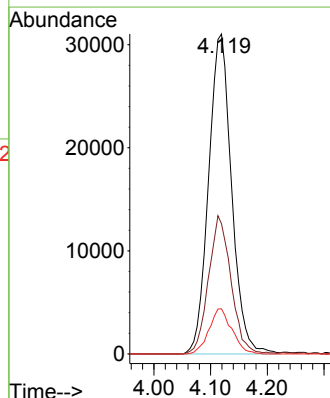
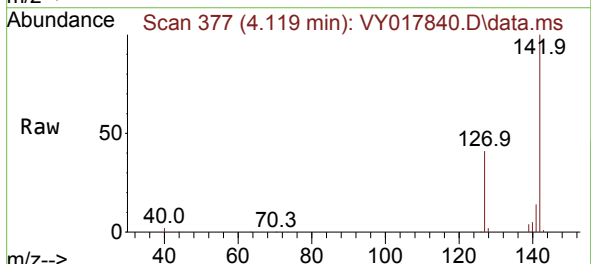
Instrument :
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ClientSampleId :
VSTDCCC050

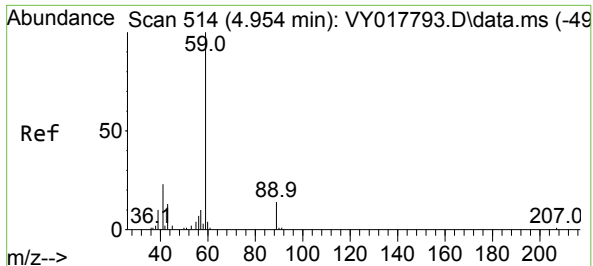
Tgt Ion:101 Resp: 75343
Ion Ratio Lower Upper
101 100
85 44.7 34.5 51.7
151 75.8 61.7 92.5



#10
Methyl Iodide
Concen: 49.478 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.031 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion:142 Resp: 87585
Ion Ratio Lower Upper
142 100
127 42.2 32.8 49.2
141 14.1 11.4 17.2

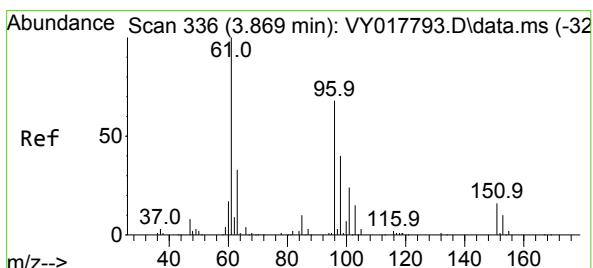
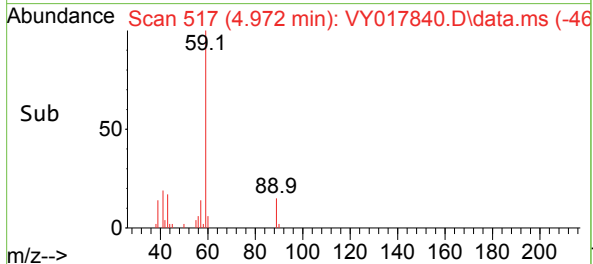
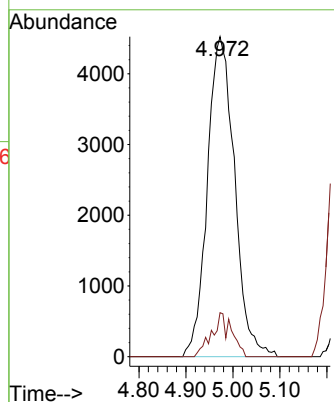
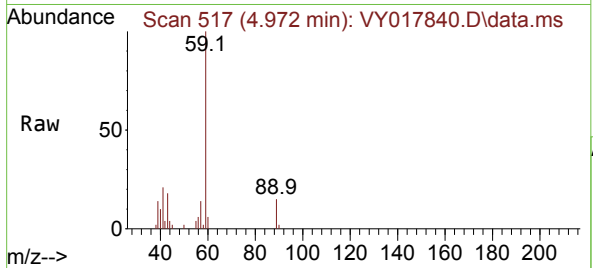




#11
Tert butyl alcohol
Concen: 169.558 ug/l
RT: 4.972 min Scan# 514
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

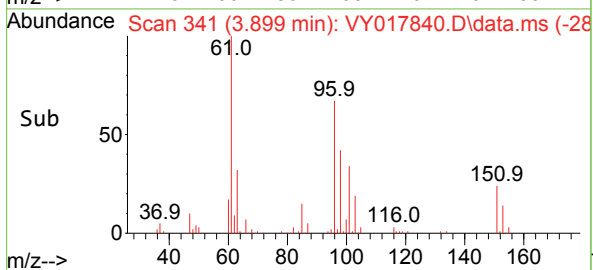
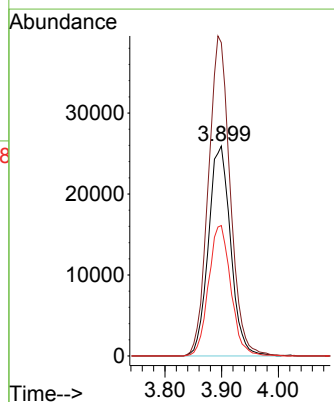
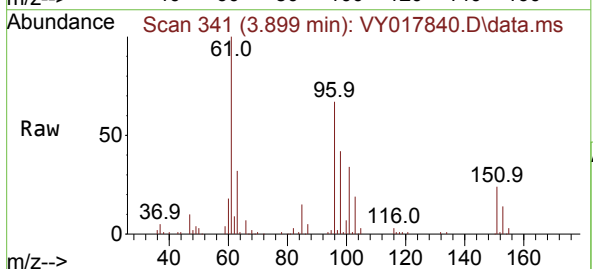
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

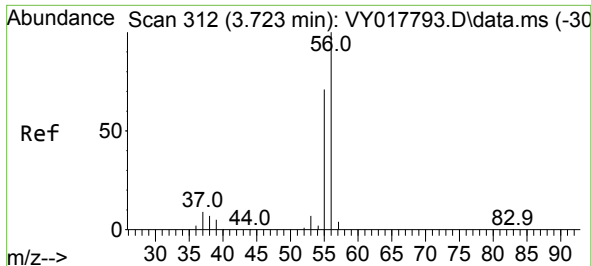
Tgt Ion: 59 Resp: 18166
Ion Ratio Lower Upper
59 100
57 6.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 46.323 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.031 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 96 Resp: 70561
Ion Ratio Lower Upper
96 100
61 149.3 114.6 171.8
98 62.1 50.8 76.2





#13

Acrolein

Concen: 231.235 ug/l

RT: 3.753 min Scan# 312

Delta R.T. 0.031 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

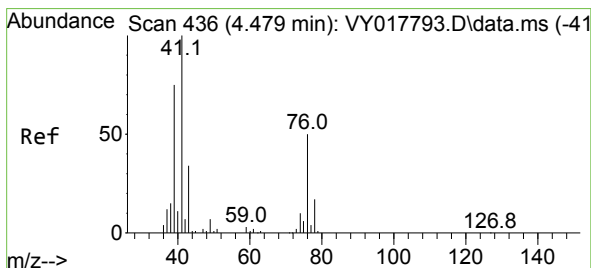
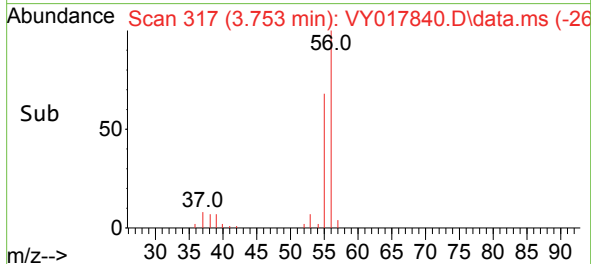
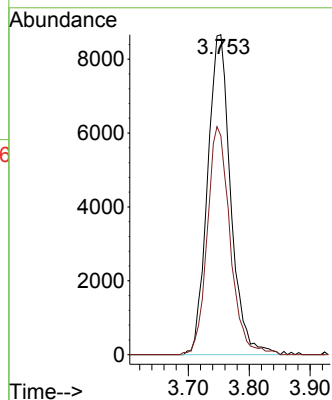
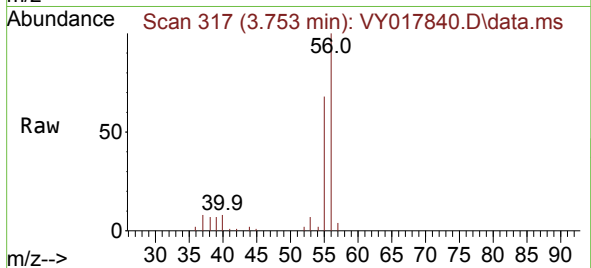
VSTDCCC050

Tgt Ion: 56 Resp: 22874

Ion Ratio Lower Upper

56 100

55 70.4 55.7 83.5



#14

Allyl chloride

Concen: 41.672 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.024 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

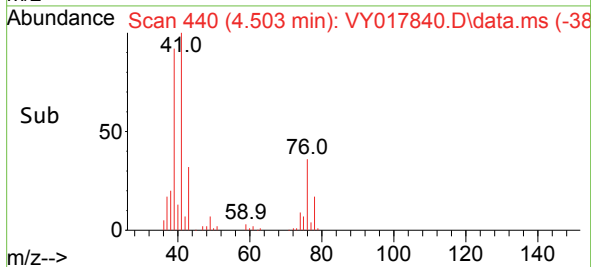
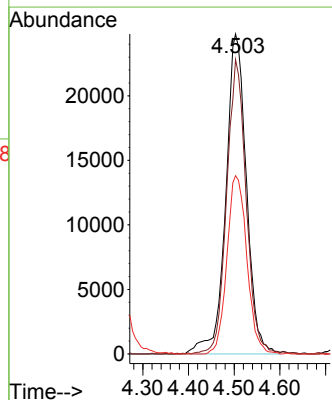
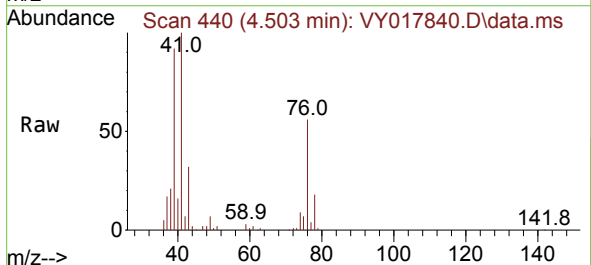
Tgt Ion: 41 Resp: 77874

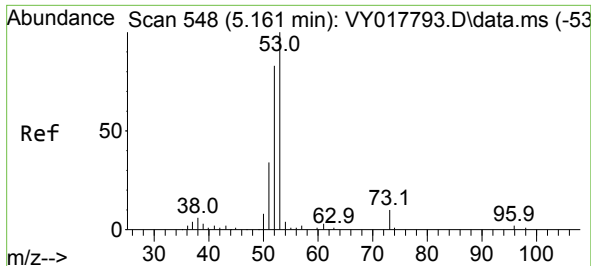
Ion Ratio Lower Upper

41 100

39 87.0 58.3 87.5

76 53.8 39.0 58.6

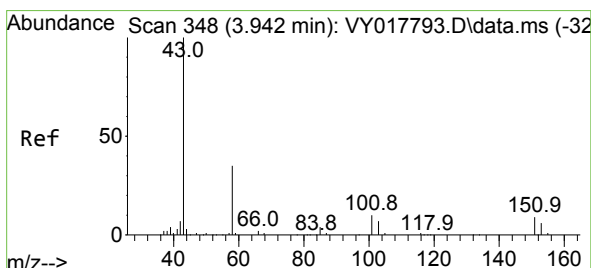
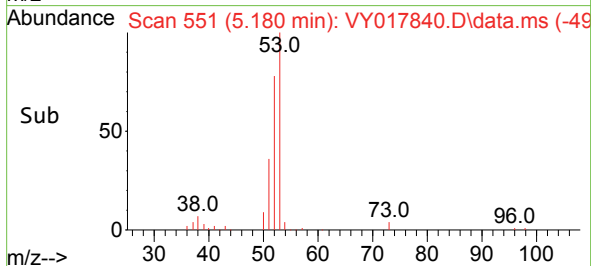
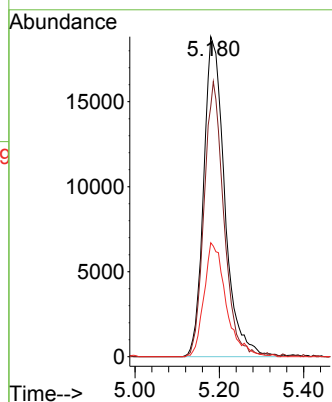
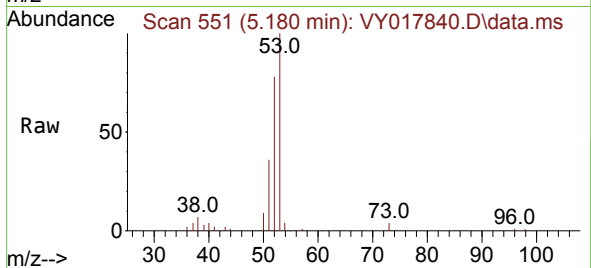




#15
Acrylonitrile
Concen: 194.074 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

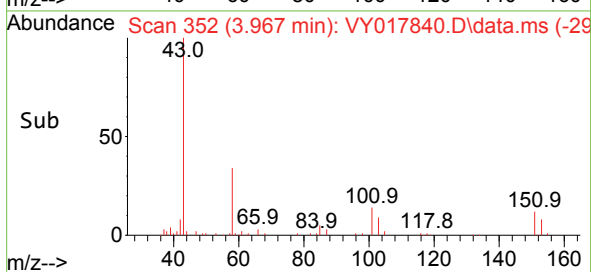
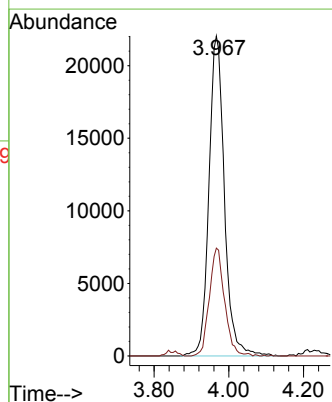
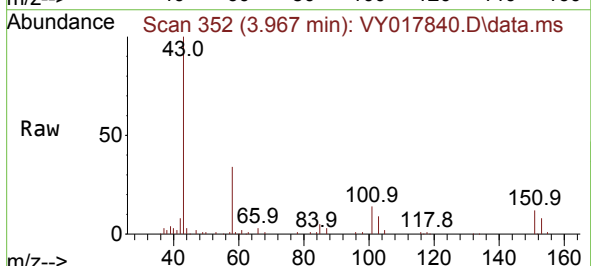
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

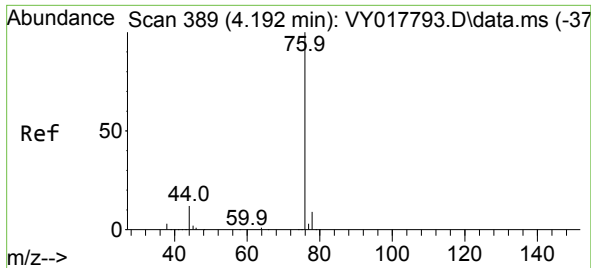
Tgt Ion: 53 Resp: 65317
Ion Ratio Lower Upper
53 100
52 81.0 64.7 97.1
51 37.3 28.4 42.6



#16
Acetone
Concen: 216.597 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.025 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 43 Resp: 63216
Ion Ratio Lower Upper
43 100
58 33.7 31.7 47.5





#17

Carbon Disulfide

Concen: 44.335 ug/l

RT: 4.216 min Scan# 393

Delta R.T. 0.024 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

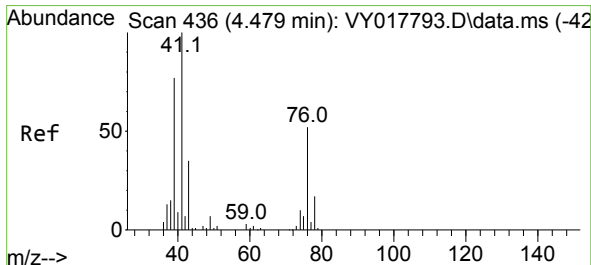
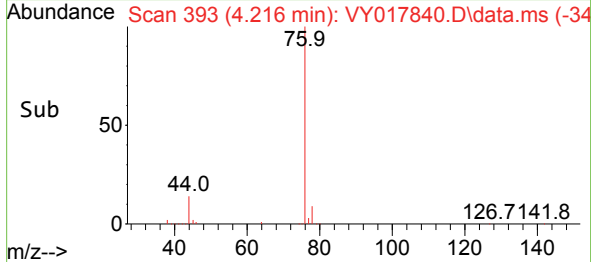
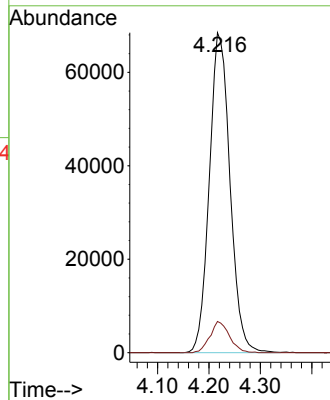
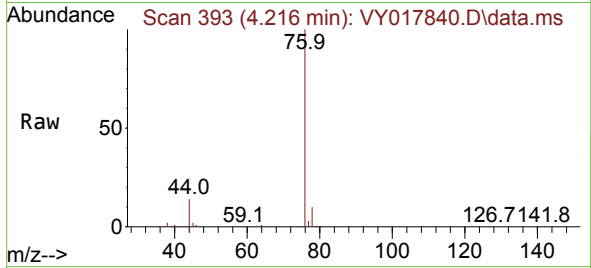
VSTDCCC050

Tgt Ion: 76 Resp: 191110

Ion Ratio Lower Upper

76 100

78 9.7 6.8 10.2



#18

Methyl Acetate

Concen: 36.879 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.018 min

Lab File: VY017840.D

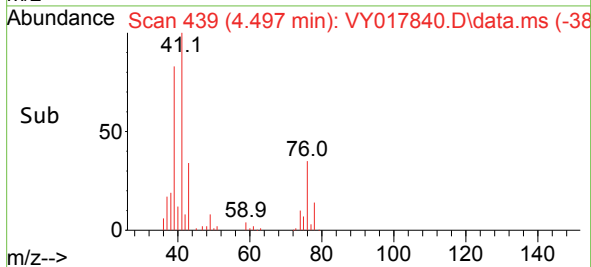
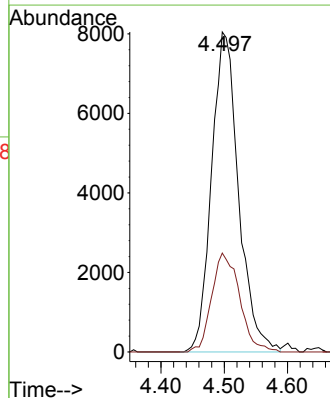
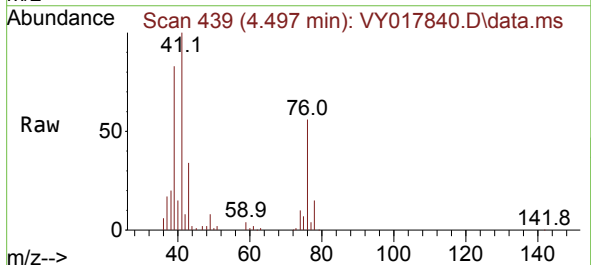
Acq: 04 Apr 2024 08:58

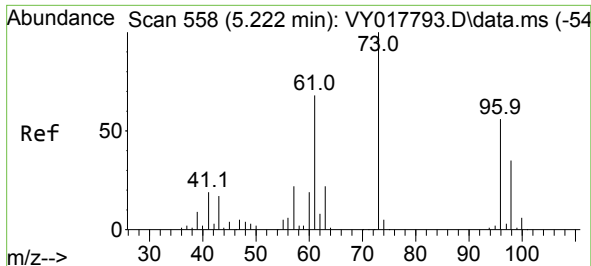
Tgt Ion: 43 Resp: 23841

Ion Ratio Lower Upper

43 100

74 32.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 44.159 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.025 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

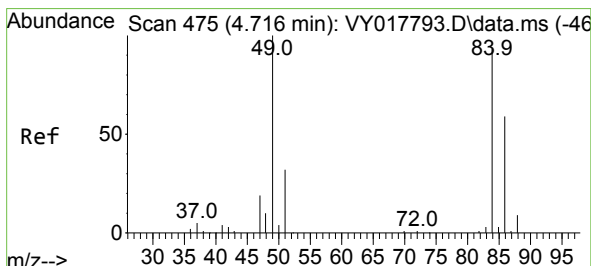
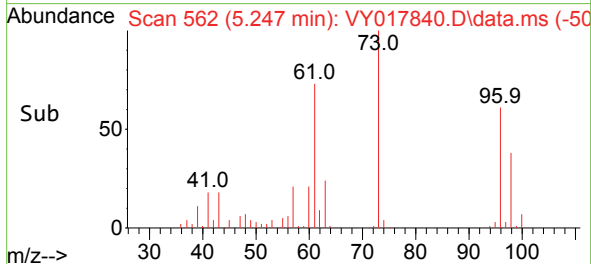
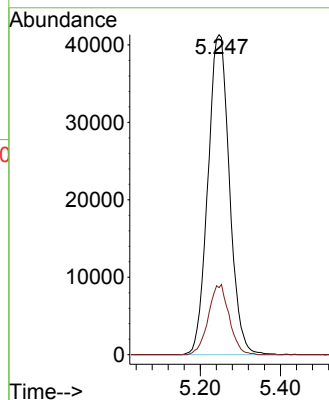
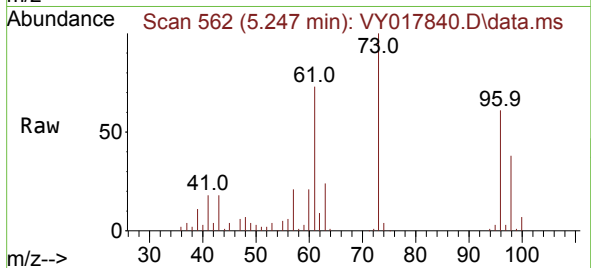
VSTDCCC050

Tgt Ion: 73 Resp: 154012

Ion Ratio Lower Upper

73 100

57 20.9 17.3 25.9



#20

Methylene Chloride

Concen: 42.712 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.025 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Tgt Ion: 84 Resp: 77082

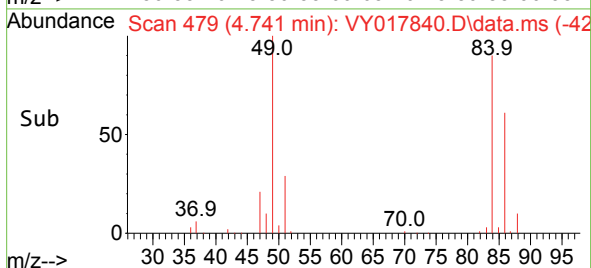
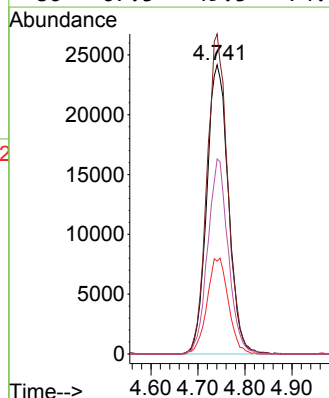
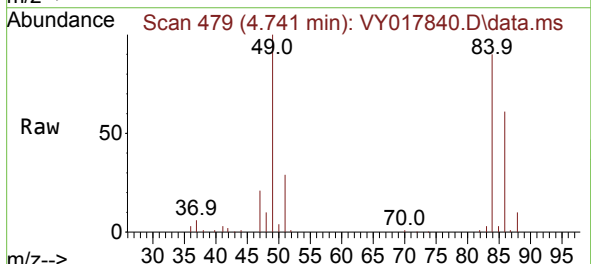
Ion Ratio Lower Upper

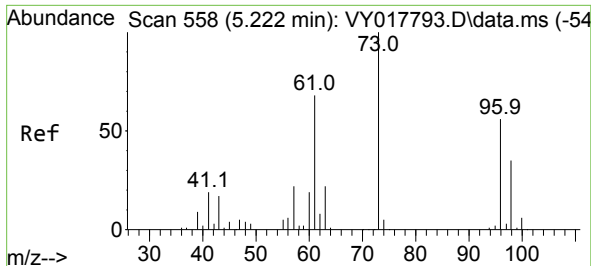
84 100

49 110.7 84.4 126.6

51 32.1 26.0 39.0

86 67.5 49.5 74.3

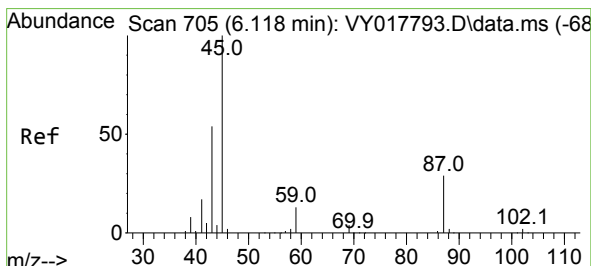
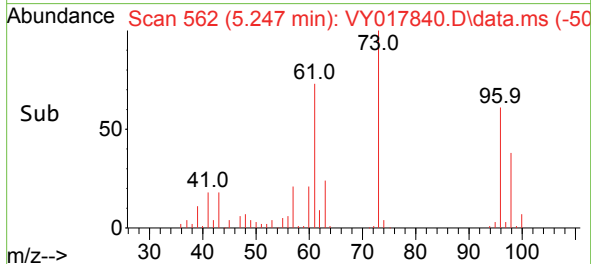
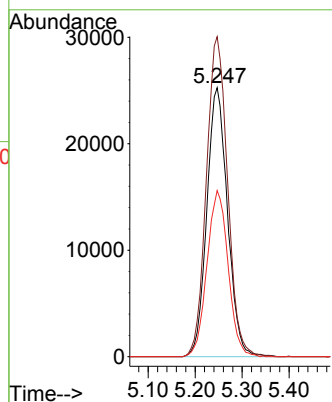
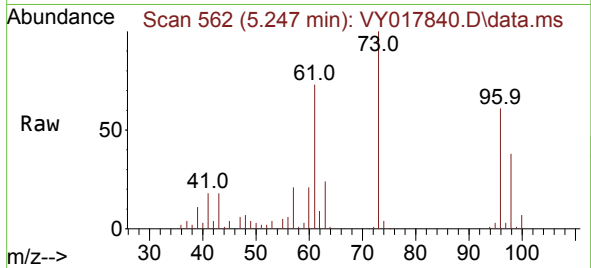




#21
trans-1,2-Dichloroethene
Concen: 47.418 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.025 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

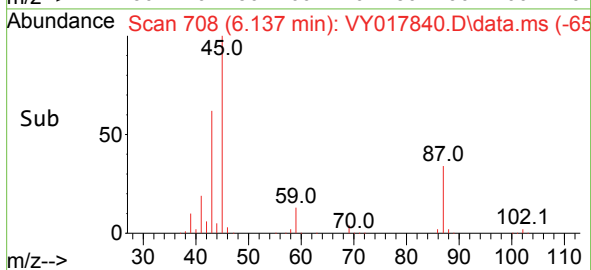
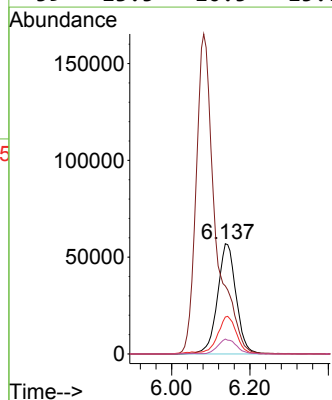
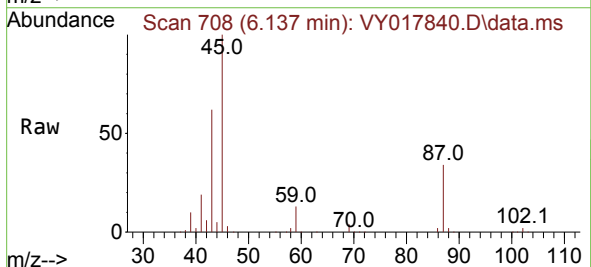
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

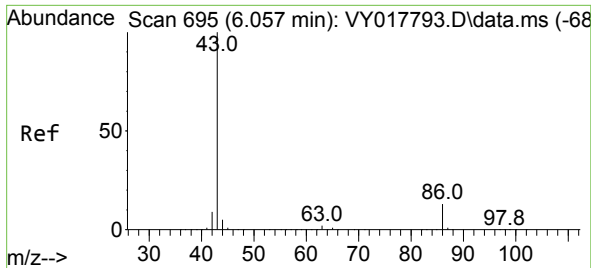
Tgt Ion: 96 Resp: 77291
Ion Ratio Lower Upper
96 100
61 119.0 97.5 146.3
98 61.8 50.5 75.7



#22
Diisopropyl ether
Concen: 43.546 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 45 Resp: 188087
Ion Ratio Lower Upper
45 100
43 61.2 42.2 63.2
87 33.6 25.0 37.6
59 13.5 10.5 15.7

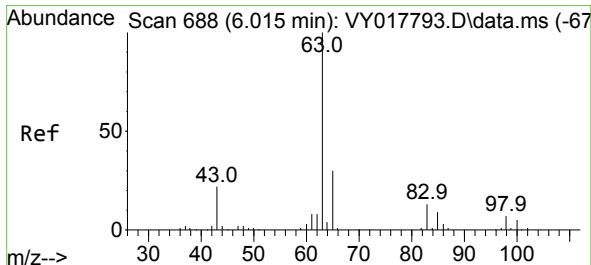
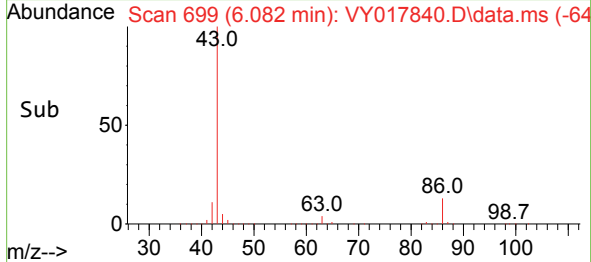
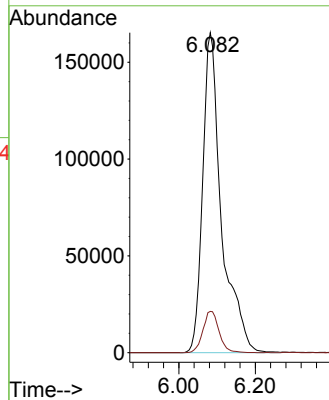
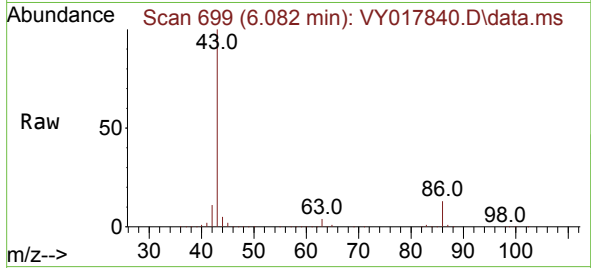




#23
 Vinyl Acetate
 Concen: 214.480 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.025 min
 Lab File: VY017840.D
 Acq: 04 Apr 2024 08:58

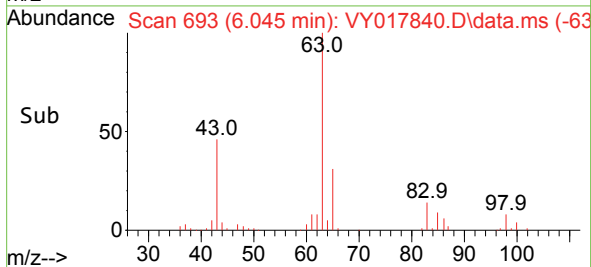
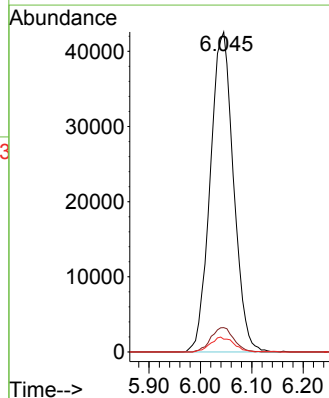
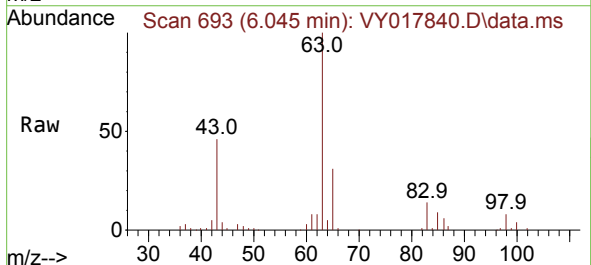
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

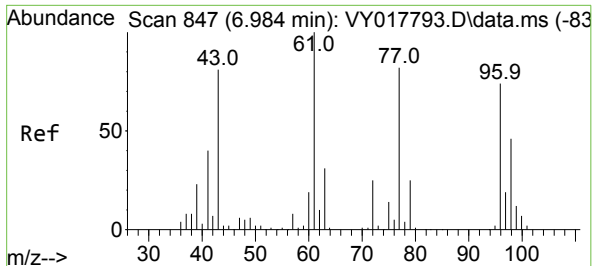
Tgt Ion: 43 Resp: 565609
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 46.693 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.031 min
 Lab File: VY017840.D
 Acq: 04 Apr 2024 08:58

Tgt Ion: 63 Resp: 133856
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.2
 100 4.0 2.6 8.0





#25

2-Butanone

Concen: 200.693 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

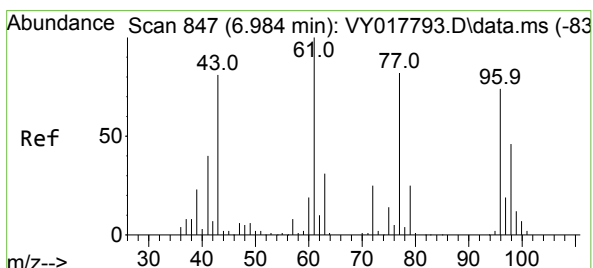
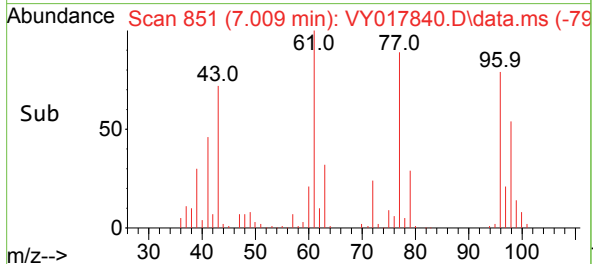
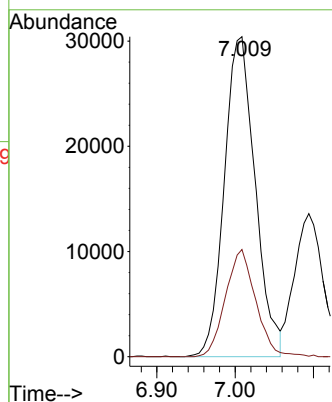
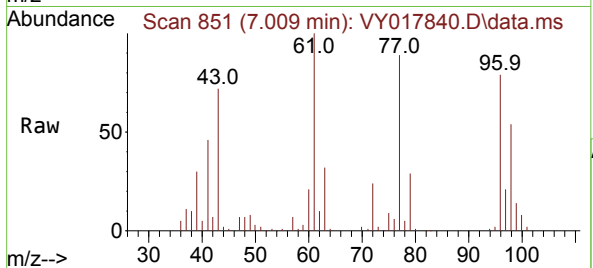
VSTDCCC050

Tgt Ion: 43 Resp: 83443

Ion Ratio Lower Upper

43 100

72 33.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 48.042 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.018 min

Lab File: VY017840.D

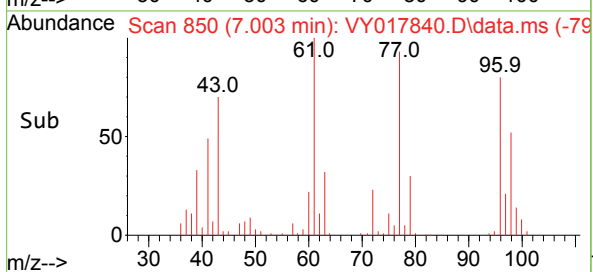
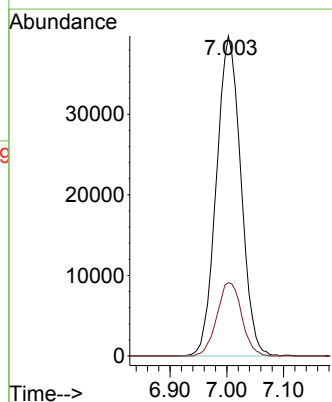
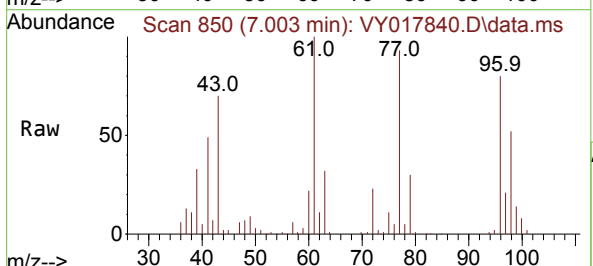
Acq: 04 Apr 2024 08:58

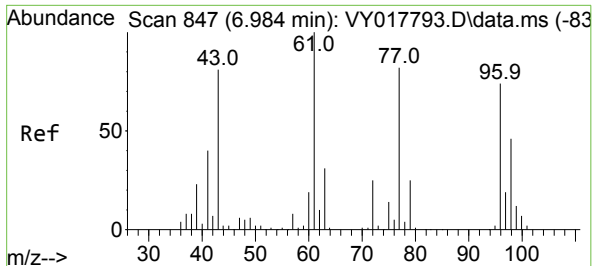
Tgt Ion: 77 Resp: 118955

Ion Ratio Lower Upper

77 100

97 23.3 12.0 36.1



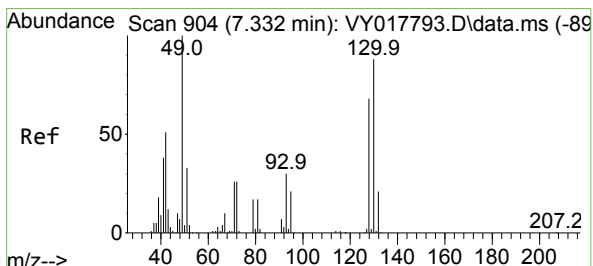
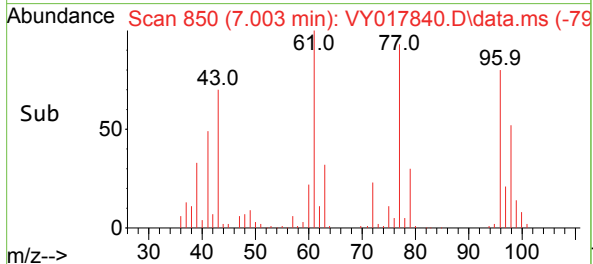
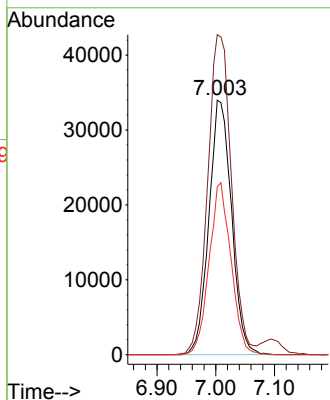
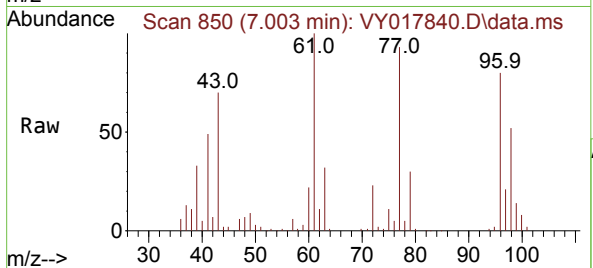


#27
 cis-1,2-Dichloroethene
 Concen: 47.180 ug/l
 RT: 7.003 min Scan# 81
 Delta R.T. 0.018 min
 Lab File: VY017840.D
 Acq: 04 Apr 2024 08:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 90886

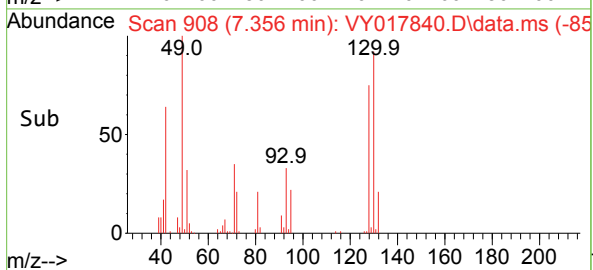
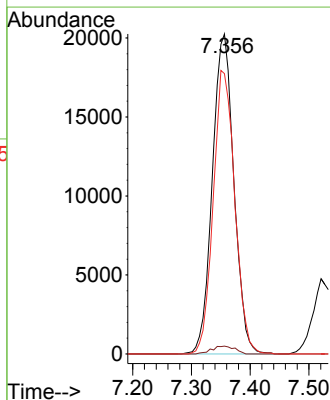
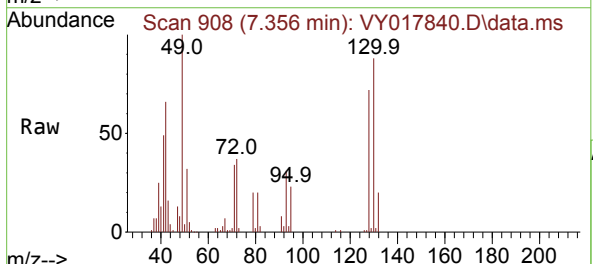
Ion	Ratio	Lower	Upper
96	100		
61	132.4	0.0	256.2
98	65.3	0.0	130.0

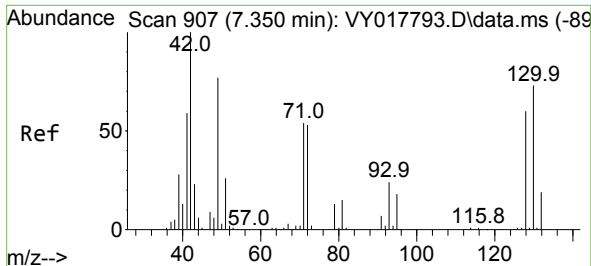


#28
 Bromochloromethane
 Concen: 44.245 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.025 min
 Lab File: VY017840.D
 Acq: 04 Apr 2024 08:58

Tgt Ion: 49 Resp: 51581

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	88.6	72.7	109.1





#29

Tetrahydrofuran

Concen: 182.842 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

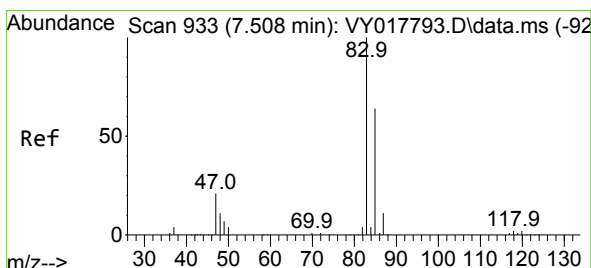
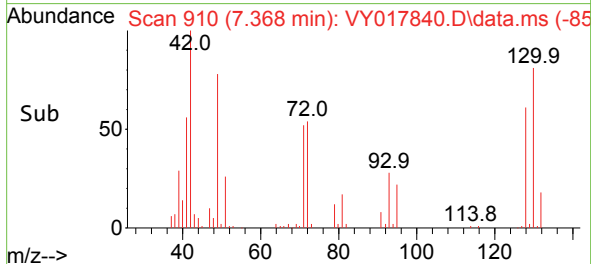
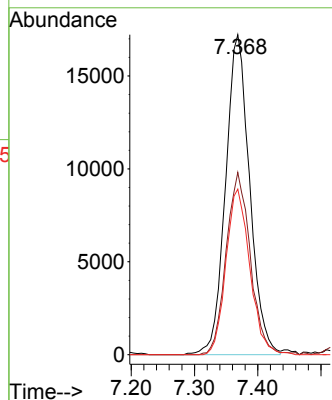
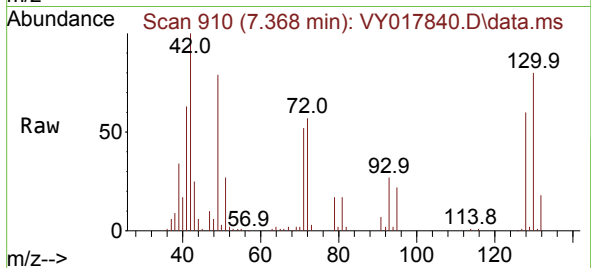
Tgt Ion: 42 Resp: 45615

Ion Ratio Lower Upper

42 100

72 57.1 43.0 64.4

71 51.3 40.8 61.2



#30

Chloroform

Concen: 48.509 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.018 min

Lab File: VY017840.D

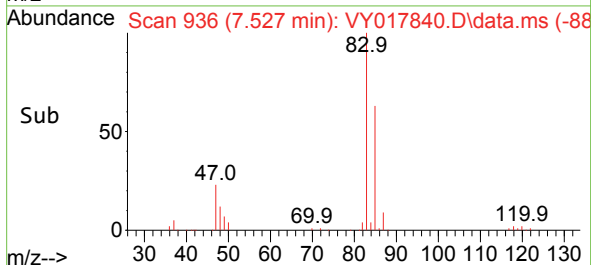
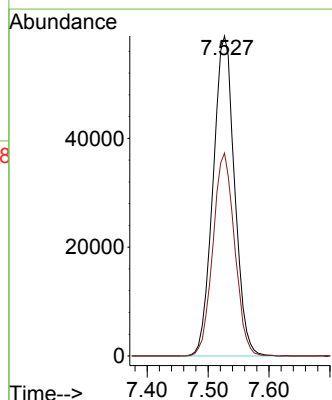
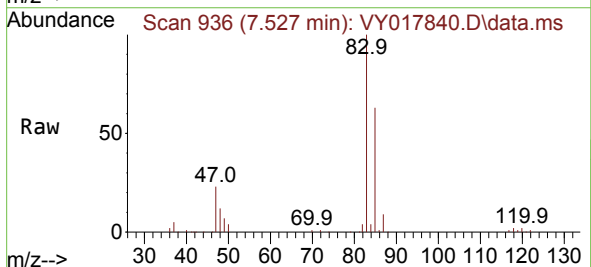
Acq: 04 Apr 2024 08:58

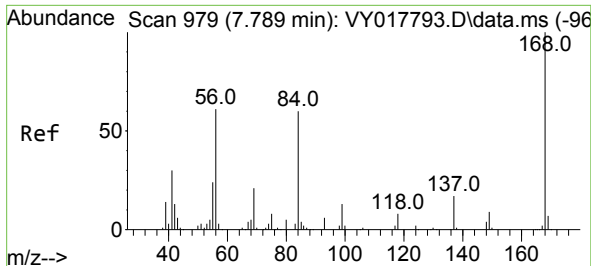
Tgt Ion: 83 Resp: 144286

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.4

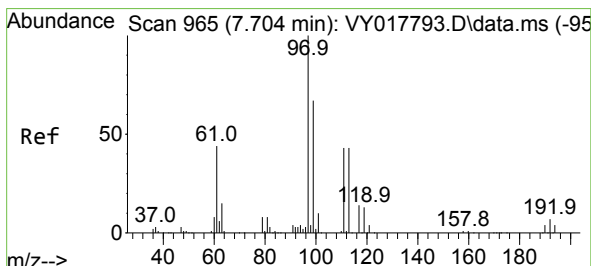
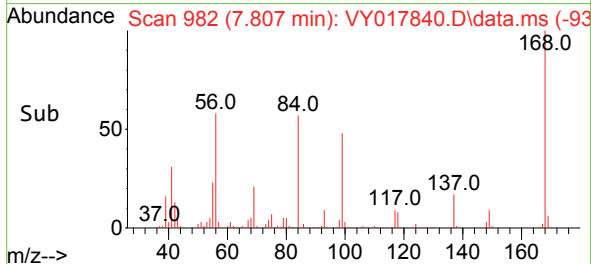
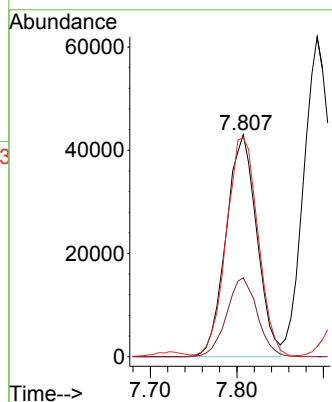
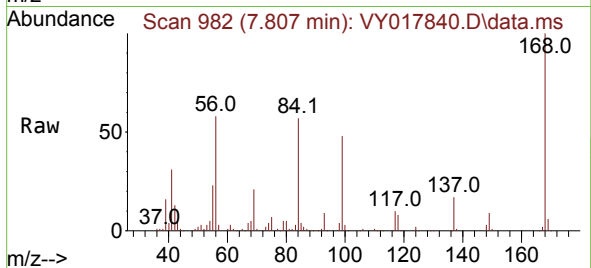




#31
Cyclohexane
Concen: 42.672 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

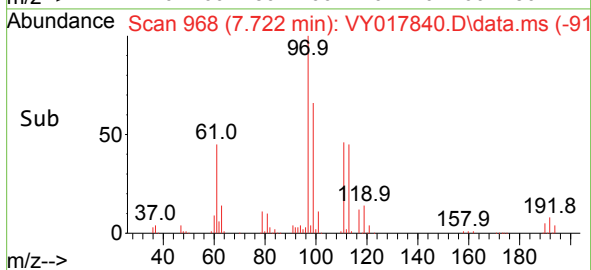
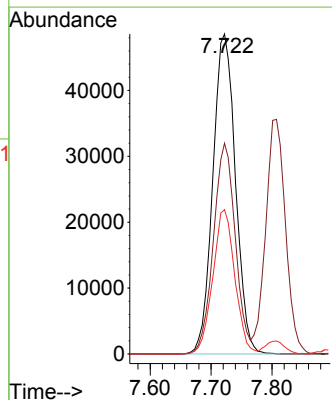
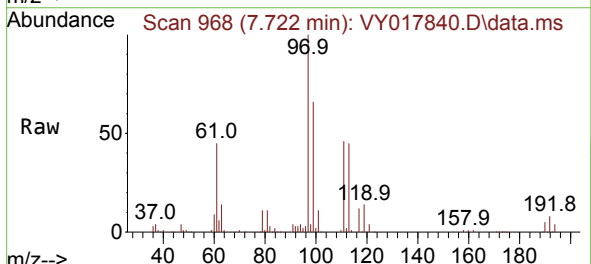
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

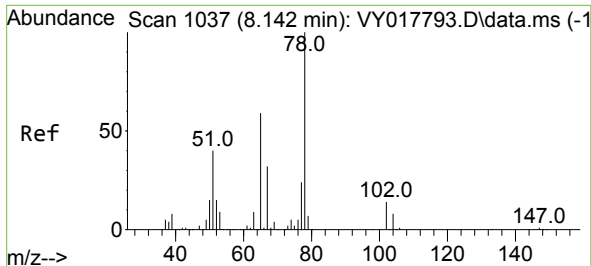
Tgt Ion: 56 Resp: 106140
Ion Ratio Lower Upper
56 100
69 35.5 28.7 43.1
84 97.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 49.509 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 97 Resp: 125336
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 44.0 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.463 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

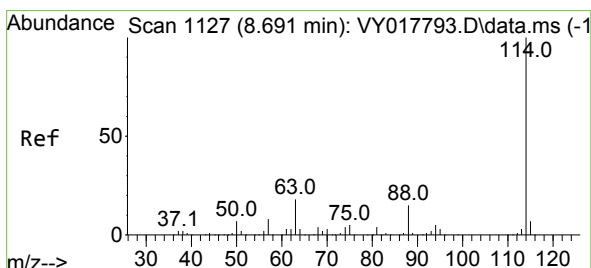
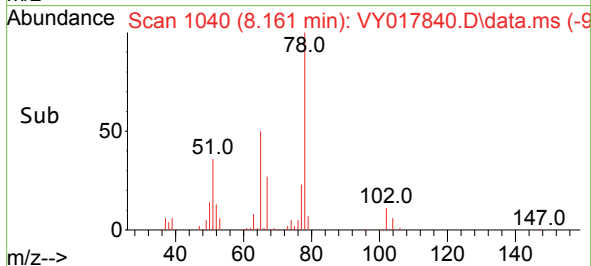
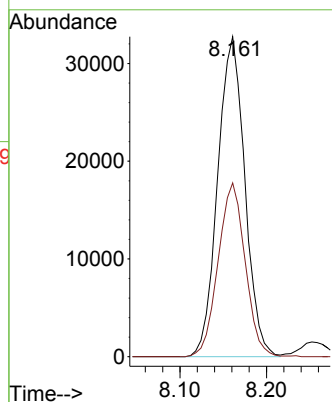
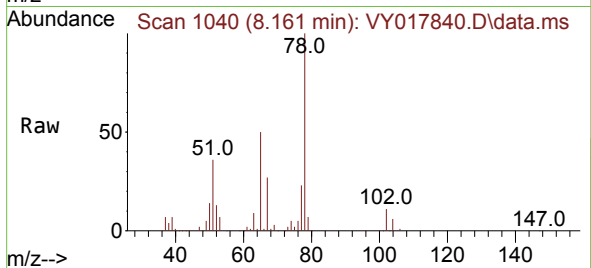
VSTDCCC050

Tgt Ion: 65 Resp: 71251

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.018 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

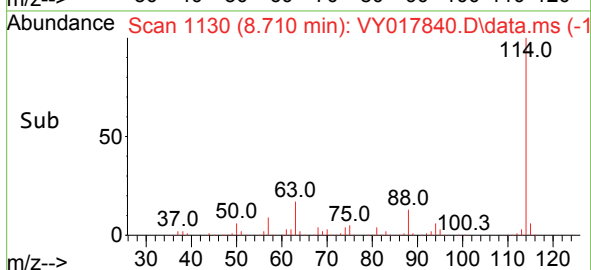
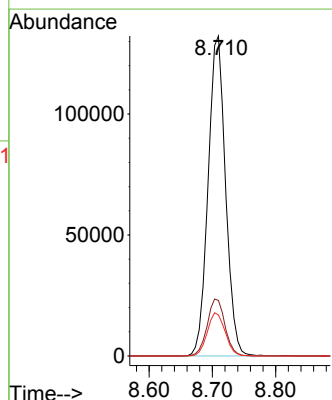
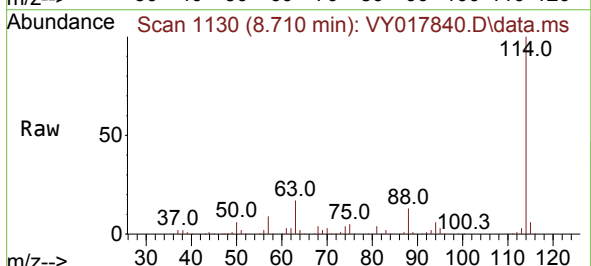
Tgt Ion: 114 Resp: 254136

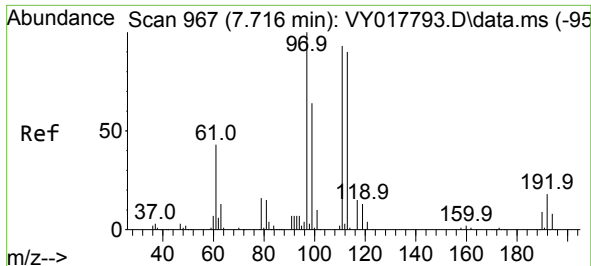
Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 12.8 0.0 27.2

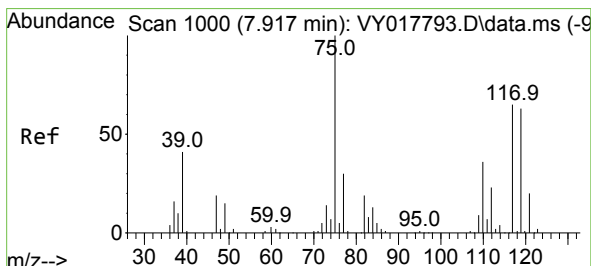
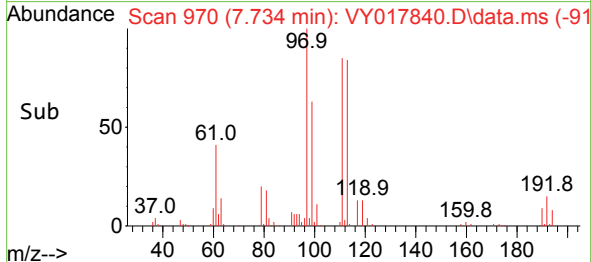
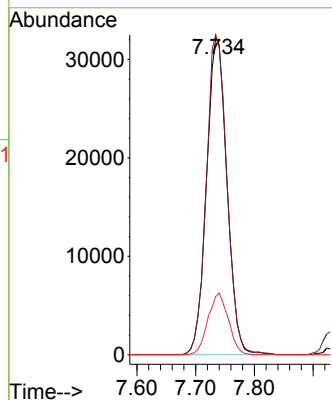
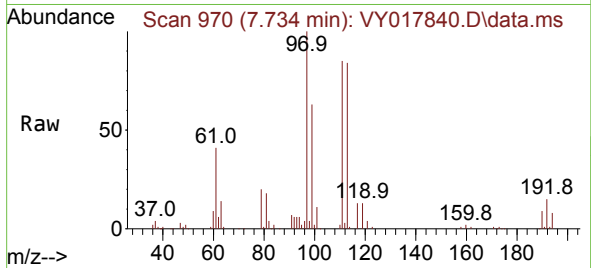




#35
Dibromofluoromethane
Concen: 53.025 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

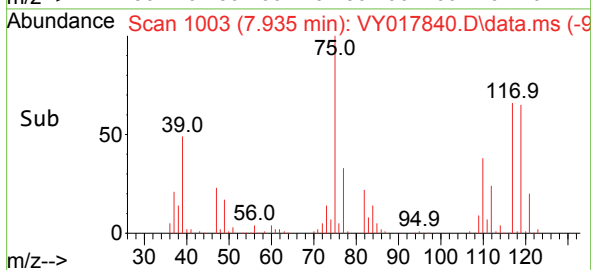
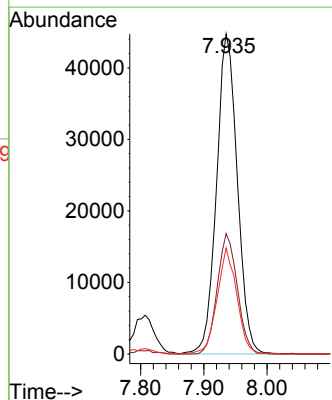
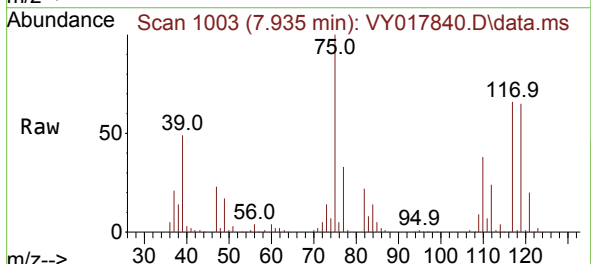
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

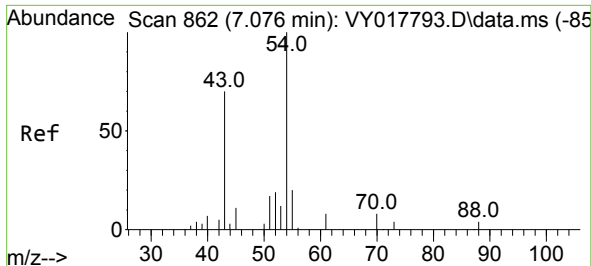
Tgt Ion:113 Resp: 77868
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 47.542 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 75 Resp: 101866
Ion Ratio Lower Upper
75 100
110 36.4 19.0 57.0
77 31.4 25.3 37.9

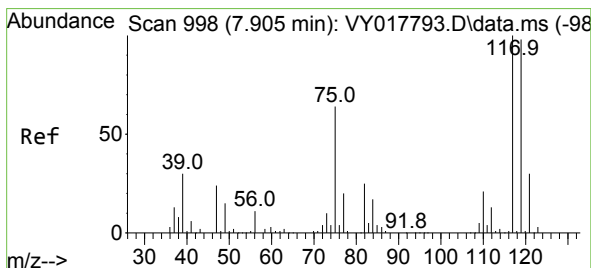
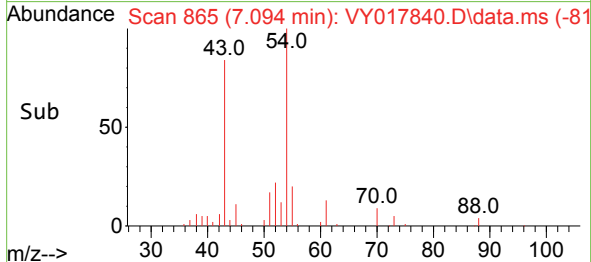
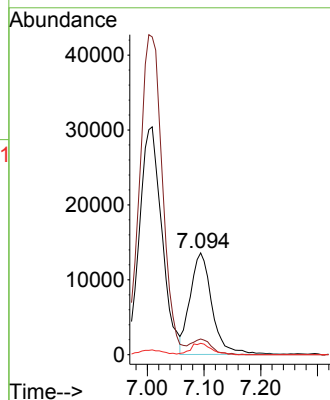
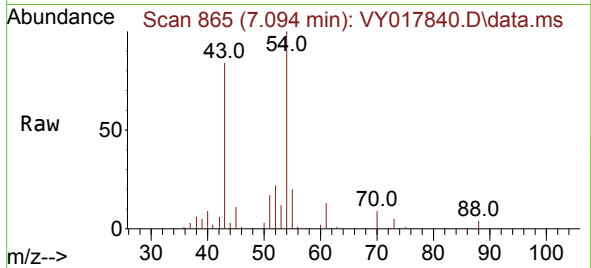




#37
Ethyl Acetate
Concen: 39.027 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

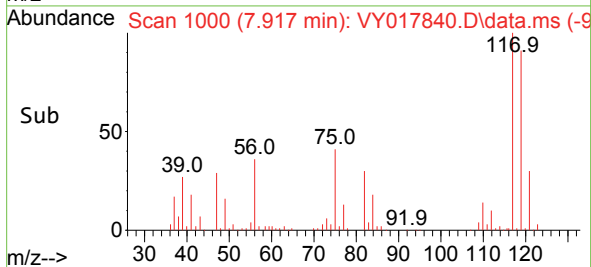
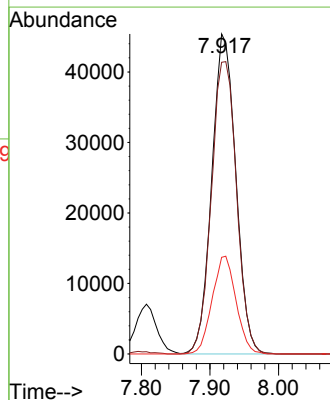
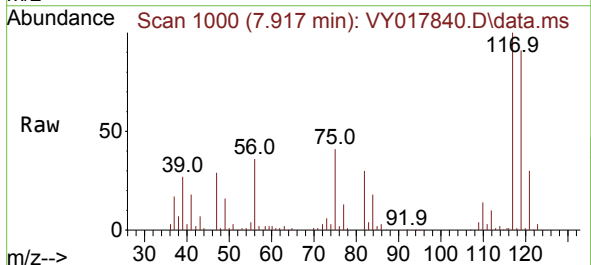
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

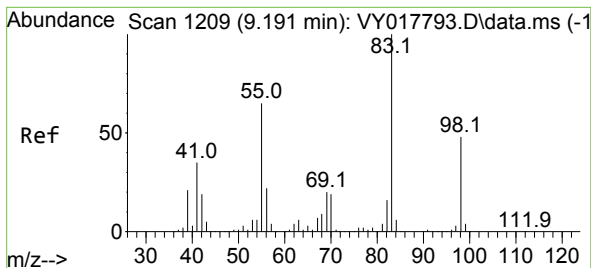
Tgt Ion: 43 Resp: 36087
Ion Ratio Lower Upper
43 100
61 14.1 12.6 19.0
70 10.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 49.763 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 117 Resp: 110691
Ion Ratio Lower Upper
117 100
119 91.2 75.8 113.6
121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 47.418 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

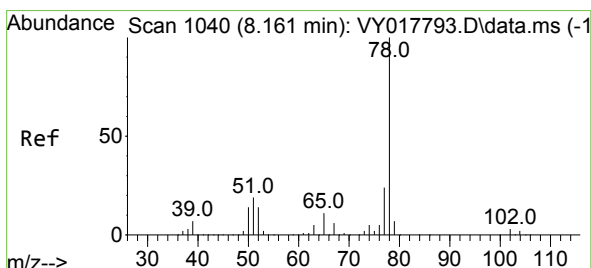
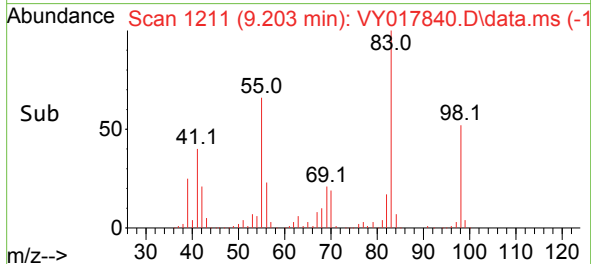
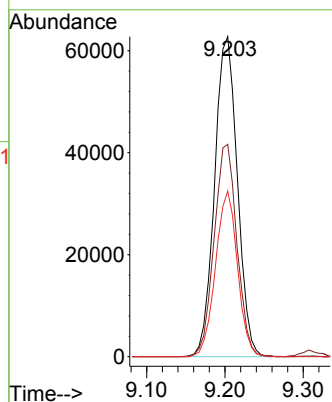
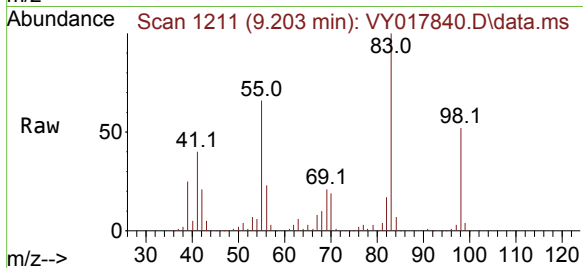
Tgt Ion: 83 Resp: 126912

Ion Ratio Lower Upper

83 100

55 66.4 51.5 77.3

98 51.8 40.5 60.7



#40

Benzene

Concen: 47.207 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.018 min

Lab File: VY017840.D

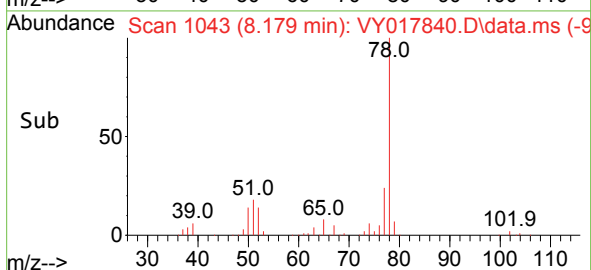
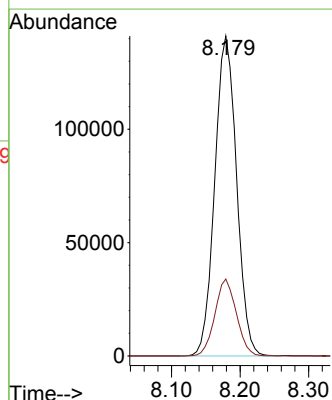
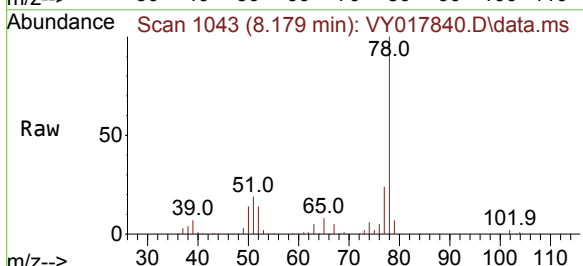
Acq: 04 Apr 2024 08:58

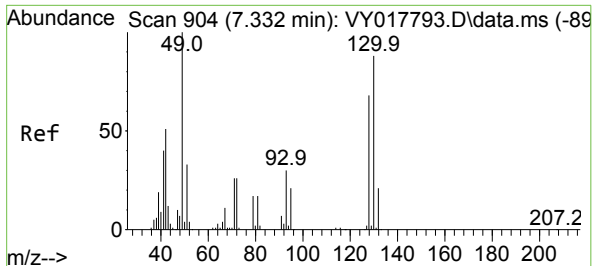
Tgt Ion: 78 Resp: 311720

Ion Ratio Lower Upper

78 100

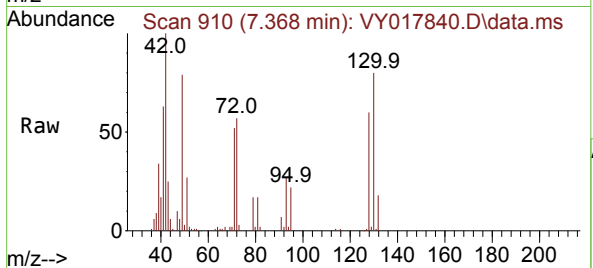
77 24.1 19.5 29.3



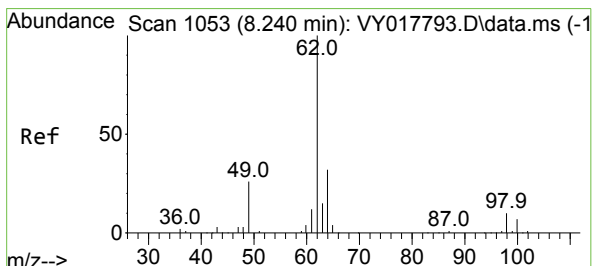
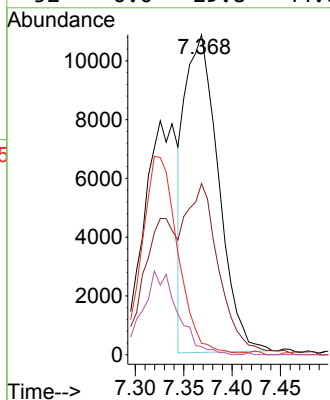
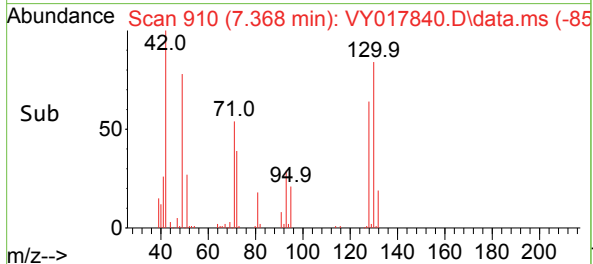


#41
Methacrylonitrile
Concen: 49.587 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.036 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

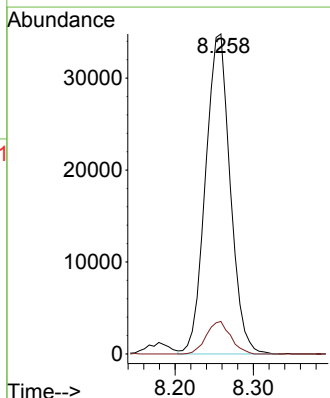
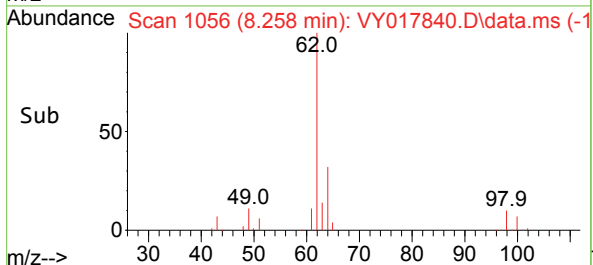
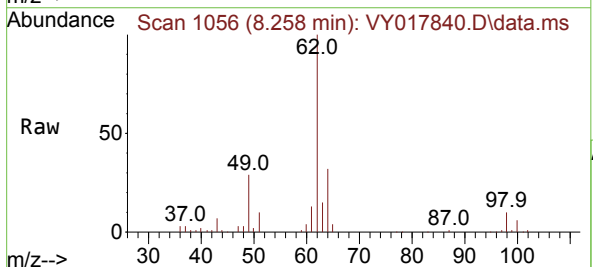


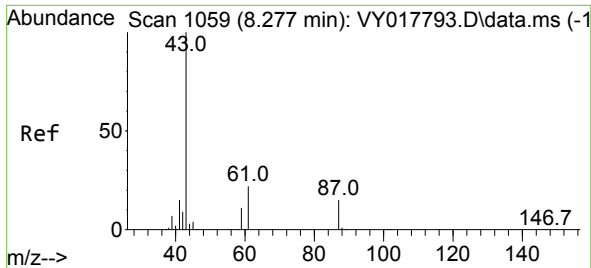
Tgt Ion: 41 Resp: 26174
Ion Ratio Lower Upper
41 100
39 52.6 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 46.898 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 62 Resp: 76222
Ion Ratio Lower Upper
62 100
98 9.9 0.0 22.0





#43

Isopropyl Acetate

Concen: 41.523 ug/l

RT: 8.289 min Scan# 1061

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

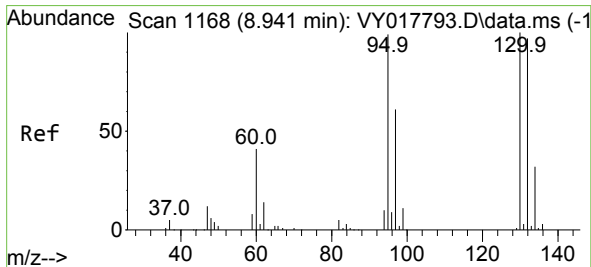
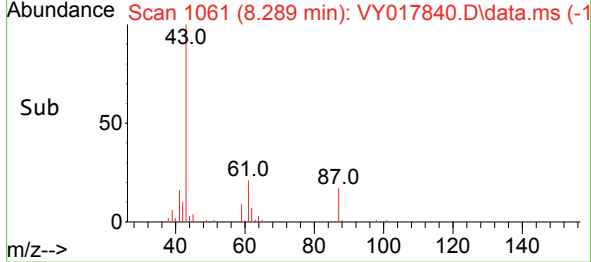
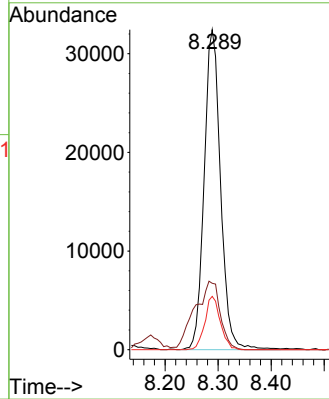
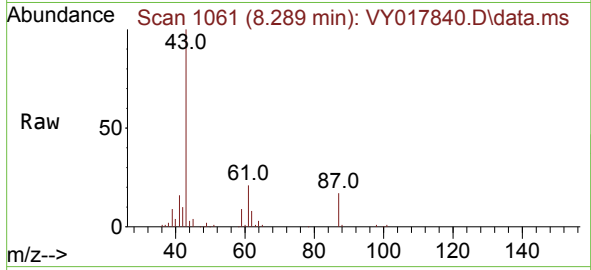
Tgt Ion: 43 Resp: 69677

Ion Ratio Lower Upper

43 100

61 33.2 27.9 41.9

87 15.7 13.1 19.7



#44

Trichloroethene

Concen: 46.624 ug/l

RT: 8.960 min Scan# 1171

Delta R.T. 0.018 min

Lab File: VY017840.D

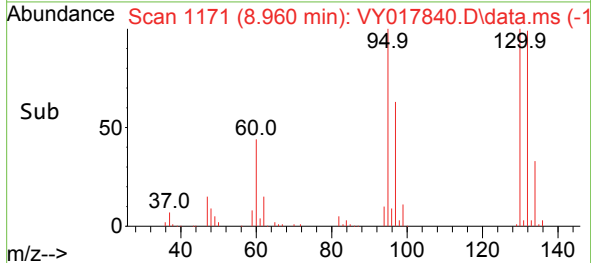
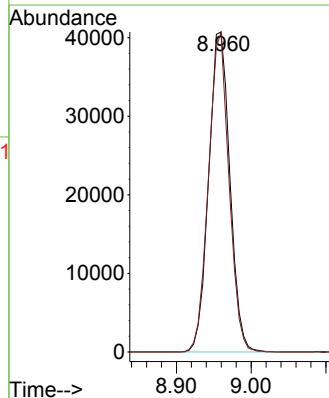
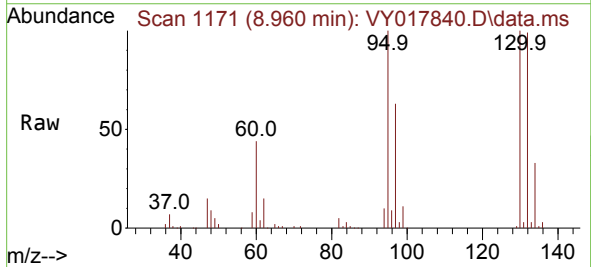
Acq: 04 Apr 2024 08:58

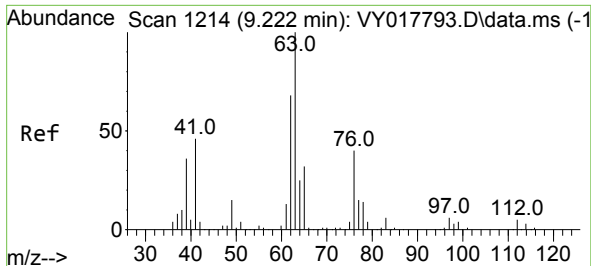
Tgt Ion: 130 Resp: 80100

Ion Ratio Lower Upper

130 100

95 99.7 0.0 188.0

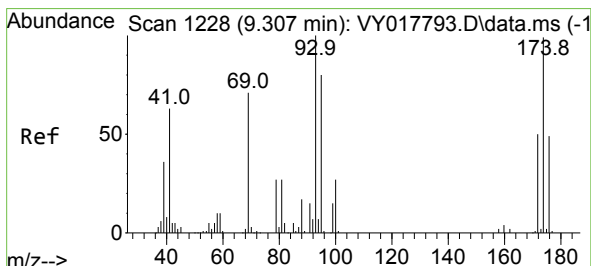
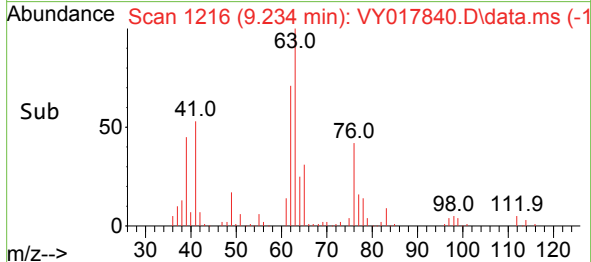
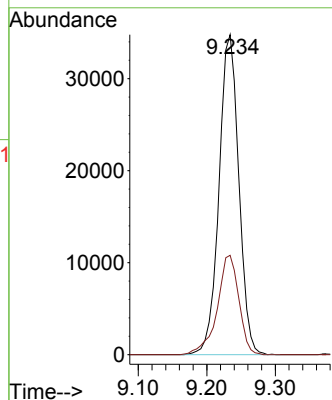
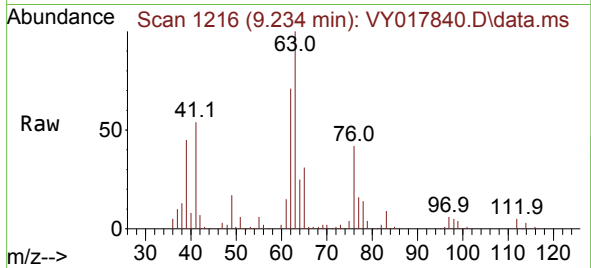




#45
1,2-Dichloropropane
Concen: 45.304 ug/l
RT: 9.234 min Scan# 1216
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

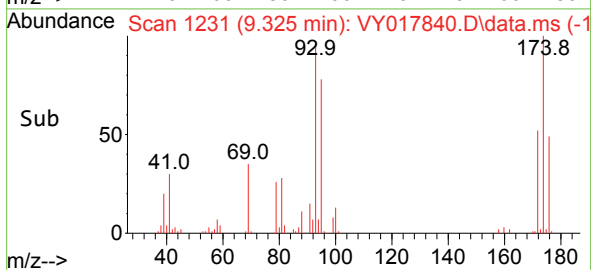
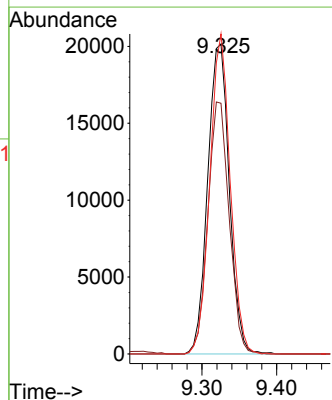
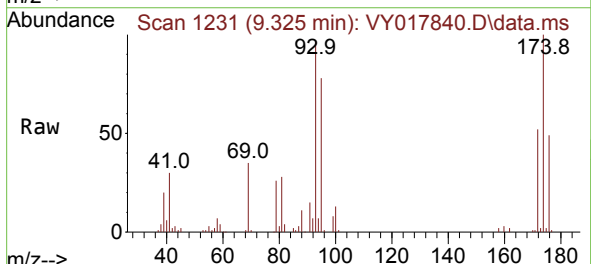
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

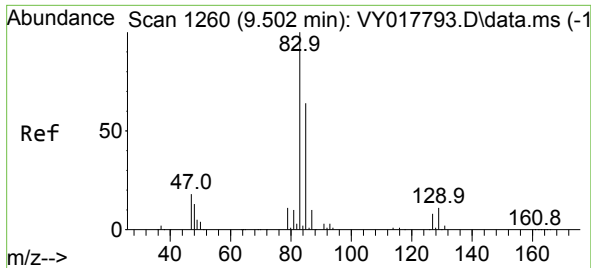
Tgt Ion: 63 Resp: 69514
Ion Ratio Lower Upper
63 100
65 31.1 25.4 38.2



#46
Dibromomethane
Concen: 46.534 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.018 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 93 Resp: 40566
Ion Ratio Lower Upper
93 100
95 80.1 66.2 99.4
174 97.6 80.9 121.3

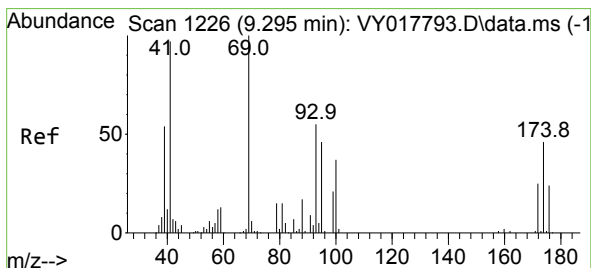
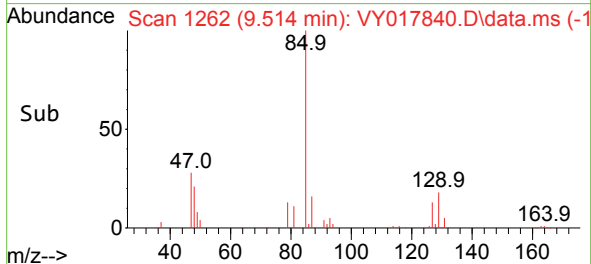
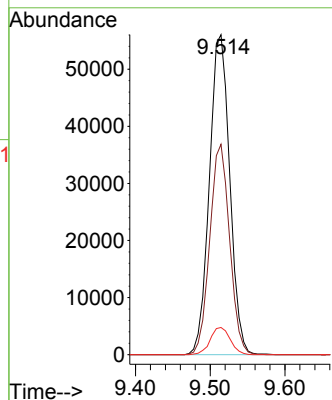
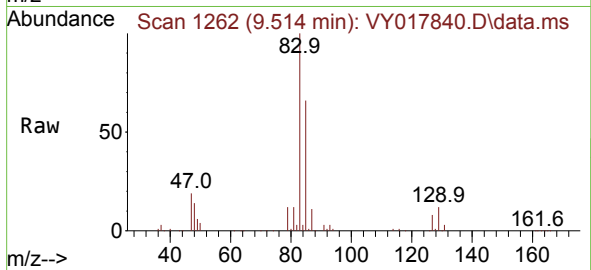




#47
Bromodichloromethane
Concen: 48.108 ug/l
RT: 9.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

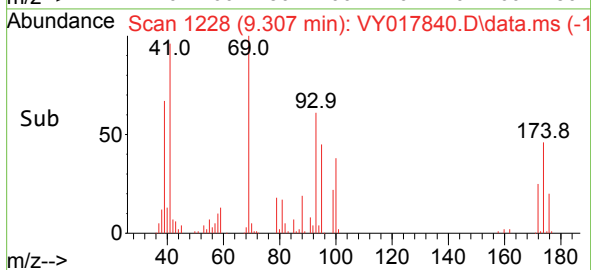
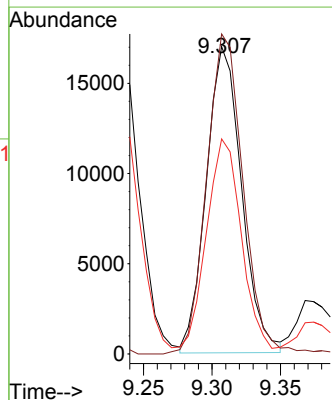
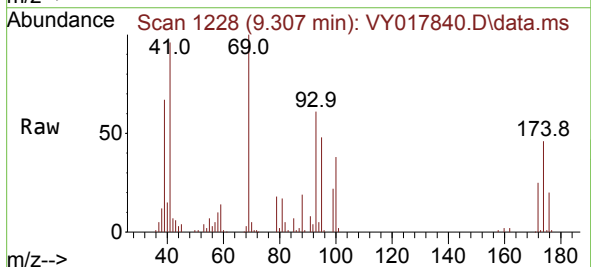
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

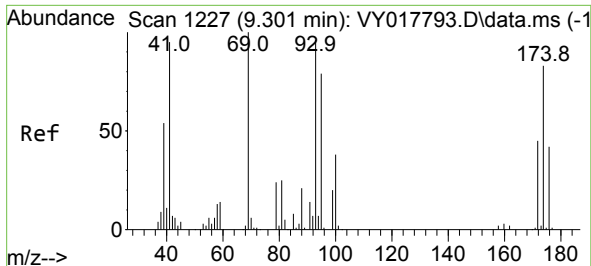
Tgt Ion: 83 Resp: 105967
Ion Ratio Lower Upper
83 100
85 65.8 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 43.704 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 41 Resp: 30462
Ion Ratio Lower Upper
41 100
69 108.0 84.1 126.1
39 66.5 43.6 65.4#





#49

1,4-Dioxane

Concen: 812.670 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017840.D

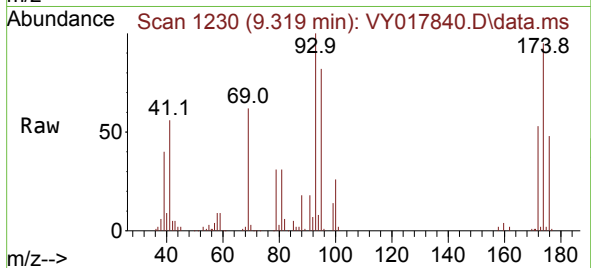
Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050



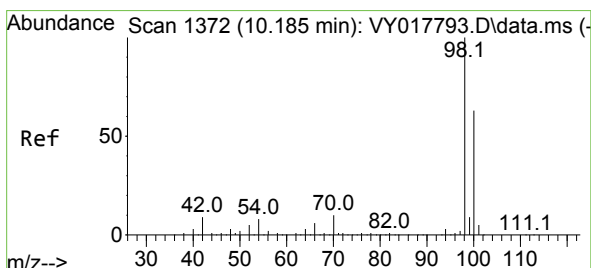
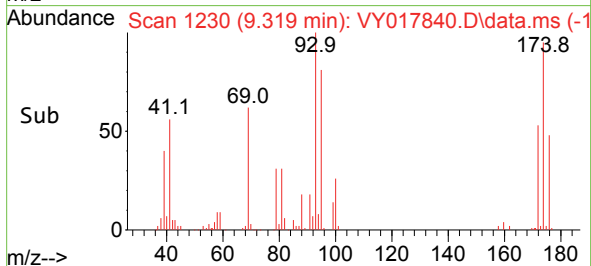
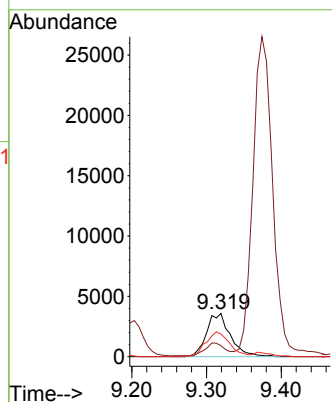
Tgt Ion: 88 Resp: 7953

Ion Ratio Lower Upper

88 100

43 25.3 0.0 0.0#

58 57.4 49.3 73.9



#50

Toluene-d8

Concen: 53.590 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.012 min

Lab File: VY017840.D

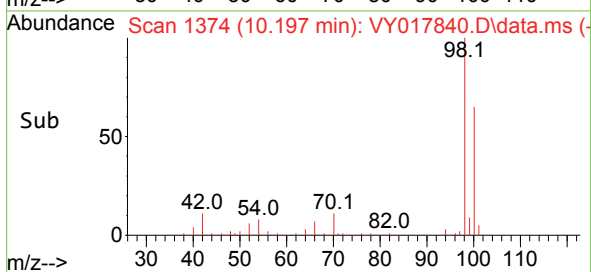
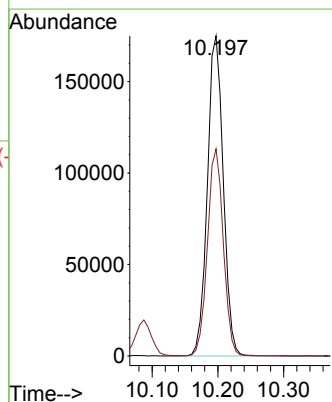
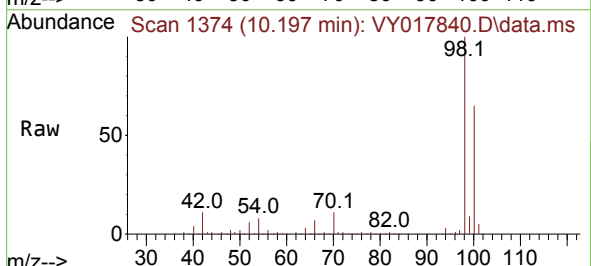
Acq: 04 Apr 2024 08:58

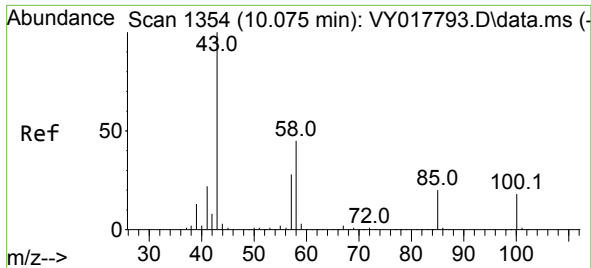
Tgt Ion: 98 Resp: 293970

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

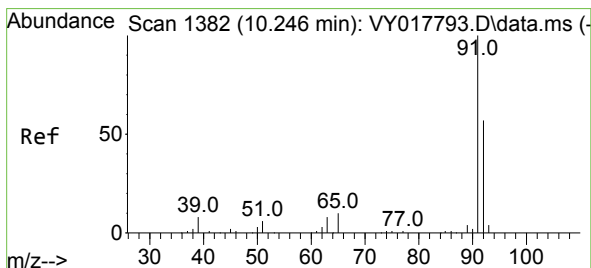
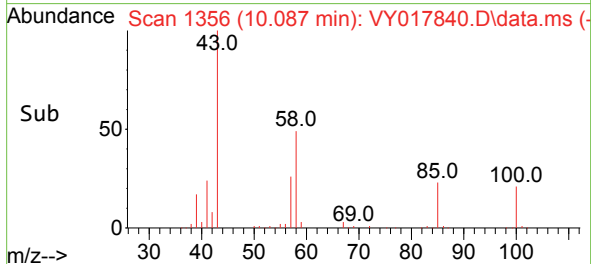
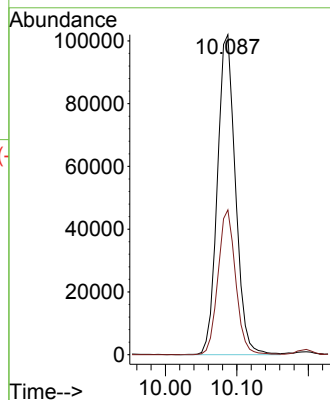
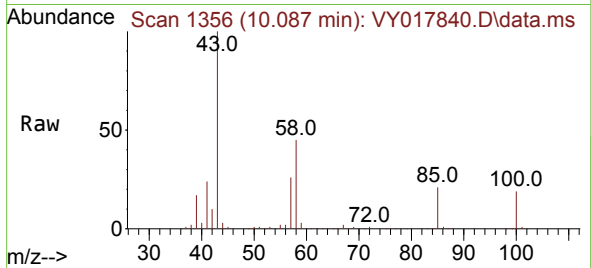




#51
4-Methyl-2-Pentanone
Concen: 219.581 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

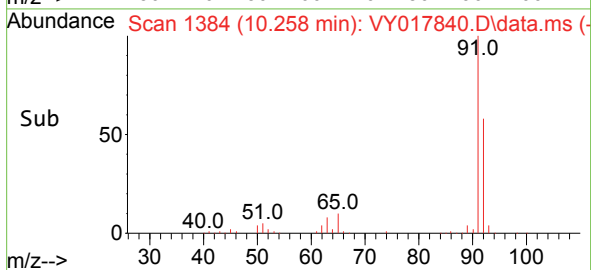
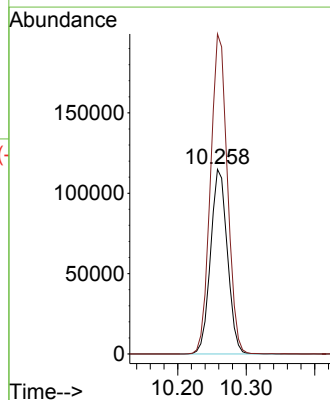
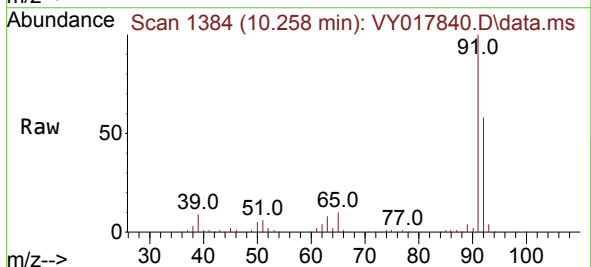
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

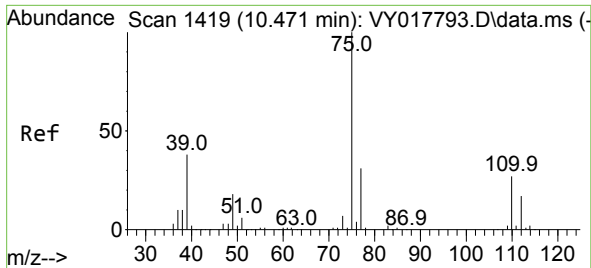
Tgt Ion: 43 Resp: 178874
Ion Ratio Lower Upper
43 100
58 44.2 35.7 53.5



#52
Toluene
Concen: 48.855 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 92 Resp: 195679
Ion Ratio Lower Upper
92 100
91 174.3 139.0 208.6

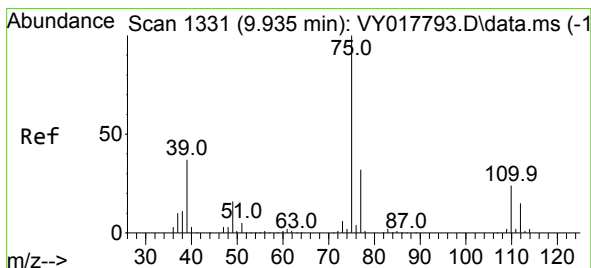
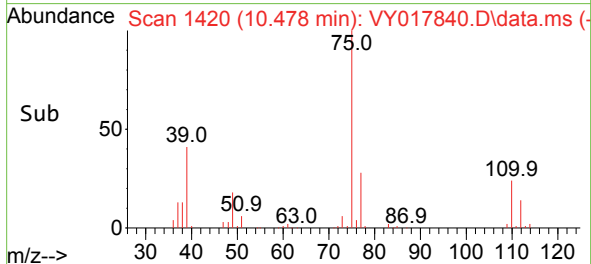
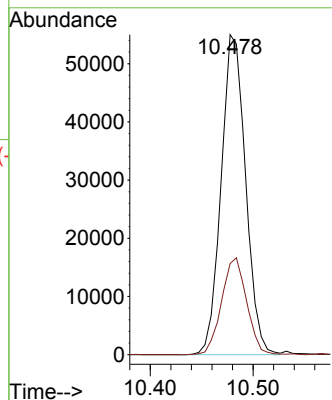
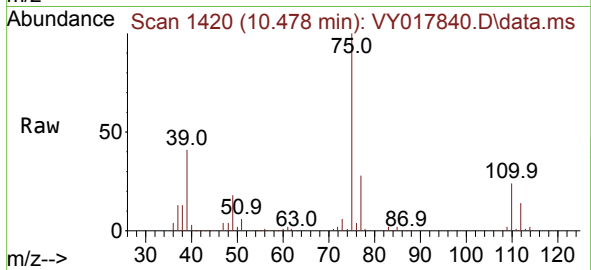




#53
 t-1,3-Dichloropropene
 Concen: 46.467 ug/l
 RT: 10.478 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY017840.D
 Acq: 04 Apr 2024 08:58

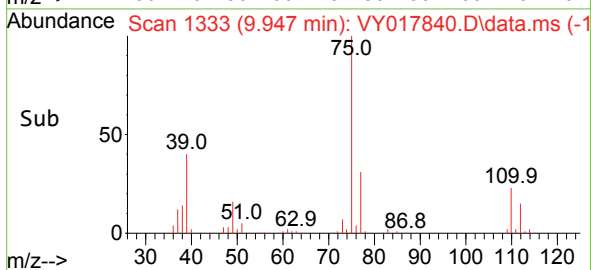
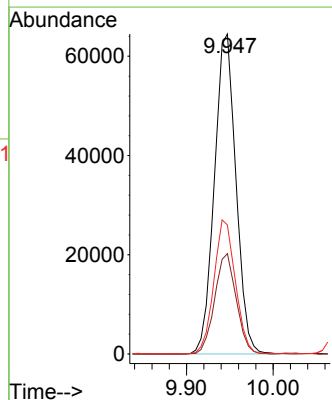
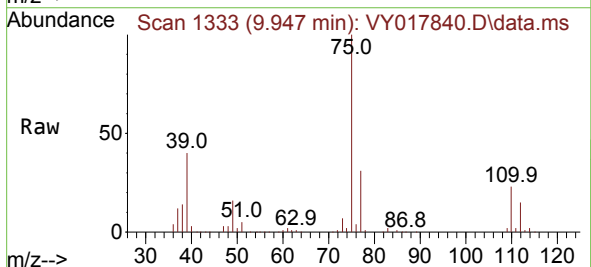
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

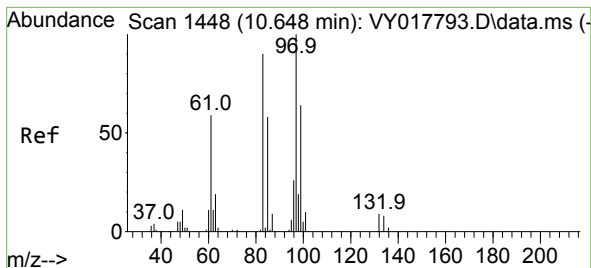
Tgt Ion: 75 Resp: 90879
 Ion Ratio Lower Upper
 75 100
 77 28.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 46.768 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.012 min
 Lab File: VY017840.D
 Acq: 04 Apr 2024 08:58

Tgt Ion: 75 Resp: 111635
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0
 39 40.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 44.973 ug/l

RT: 10.660 min Scan# 1448

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 52239

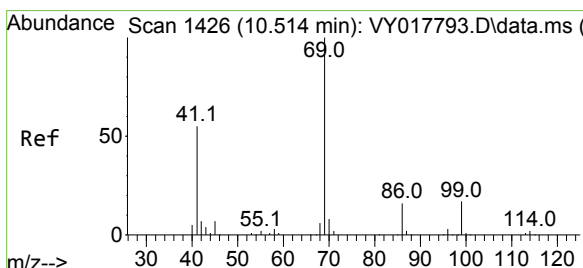
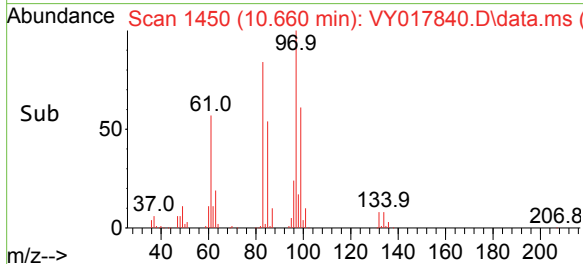
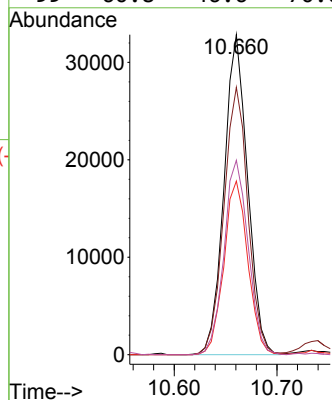
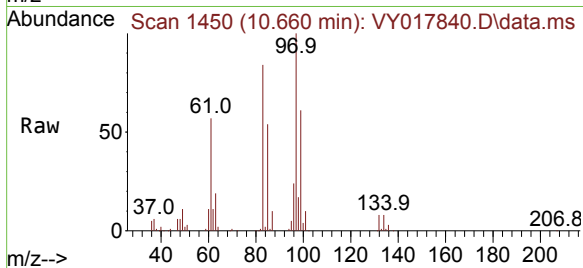
Ion Ratio Lower Upper

97 100

83 83.6 67.5 101.3

85 54.2 42.9 64.3

99 60.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 45.976 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

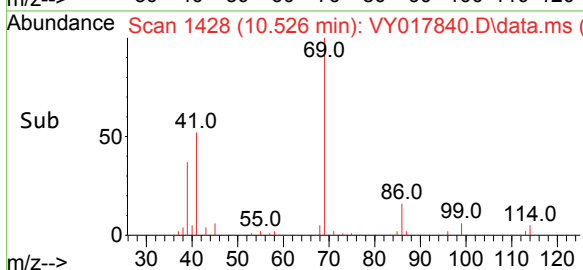
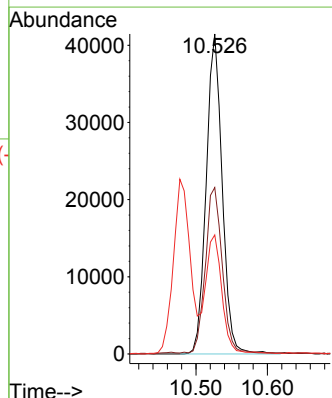
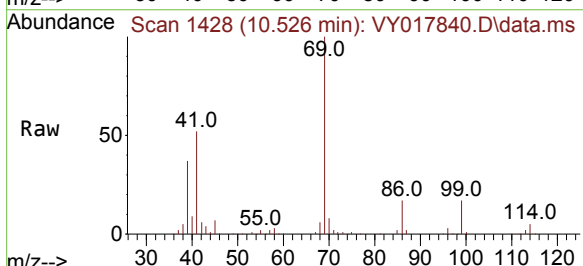
Tgt Ion: 69 Resp: 64544

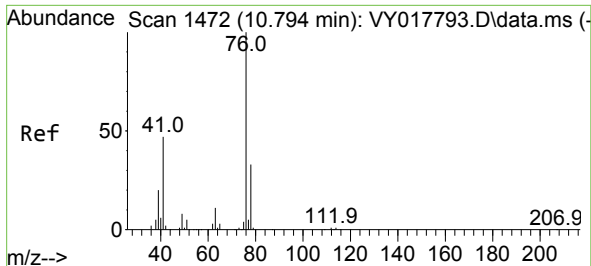
Ion Ratio Lower Upper

69 100

41 54.4 42.3 63.5

39 37.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 44.883 ug/l

RT: 10.807 min Scan# 1472

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

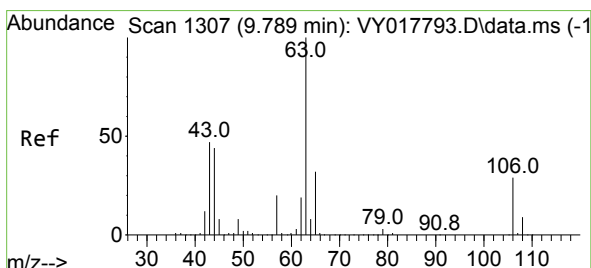
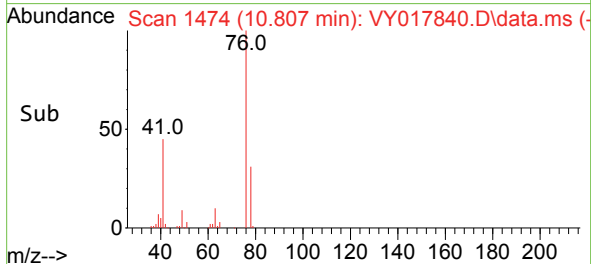
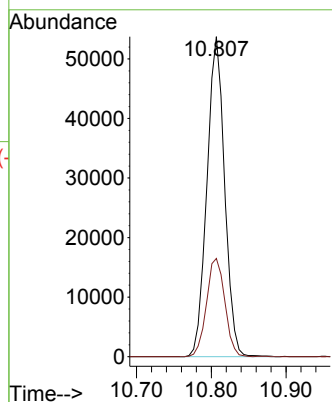
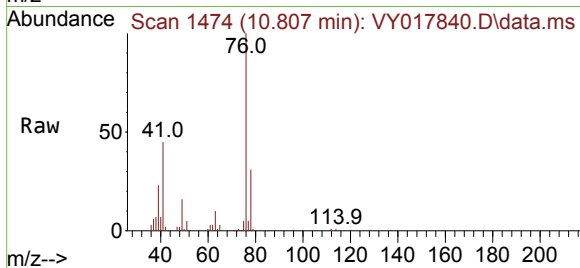
VSTDCCC050

Tgt Ion: 76 Resp: 88176

Ion Ratio Lower Upper

76 100

78 31.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 252.511 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.012 min

Lab File: VY017840.D

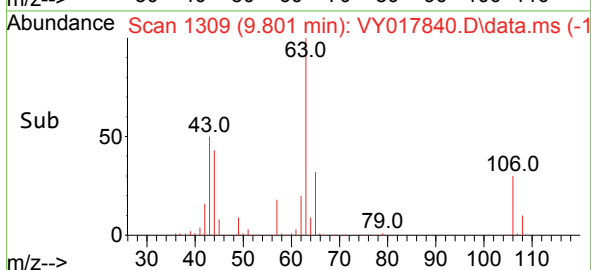
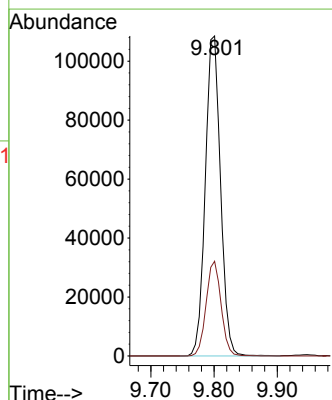
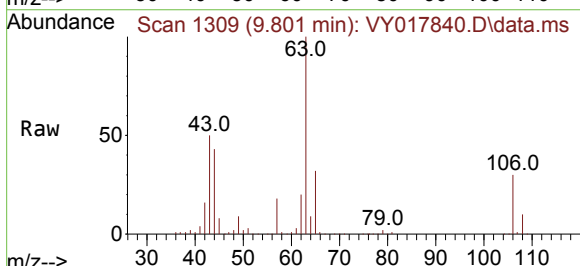
Acq: 04 Apr 2024 08:58

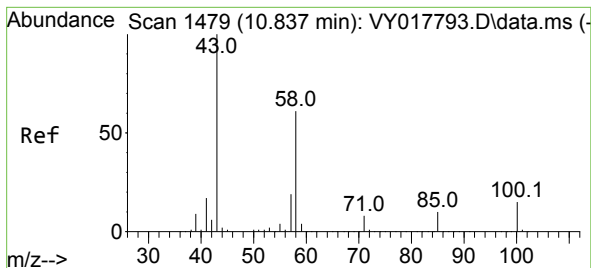
Tgt Ion: 63 Resp: 182320

Ion Ratio Lower Upper

63 100

106 29.1 23.7 35.5





#59

2-Hexanone

Concen: 221.558 ug/l

RT: 10.849 min Scan# 1479

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

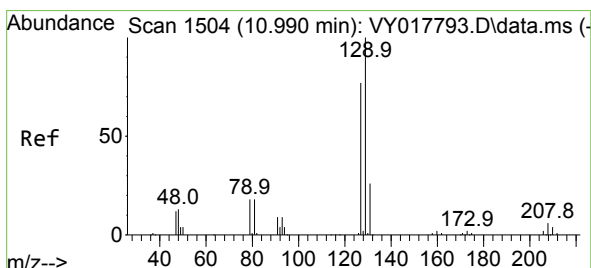
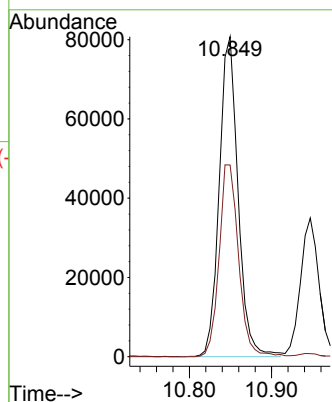
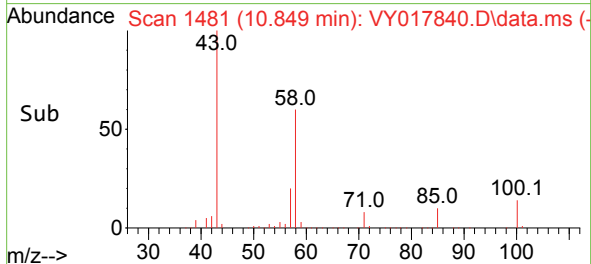
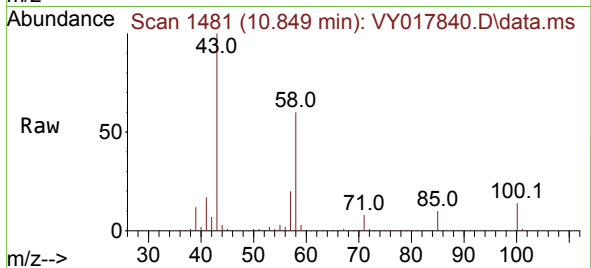
VSTDCCC050

Tgt Ion: 43 Resp: 128386

Ion Ratio Lower Upper

43 100

58 62.2 31.4 94.0



#60

Dibromochloromethane

Concen: 45.650 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.012 min

Lab File: VY017840.D

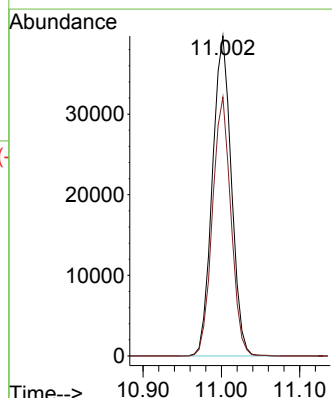
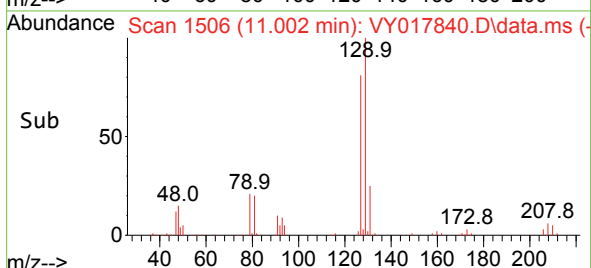
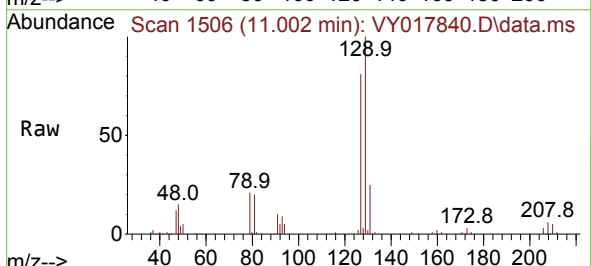
Acq: 04 Apr 2024 08:58

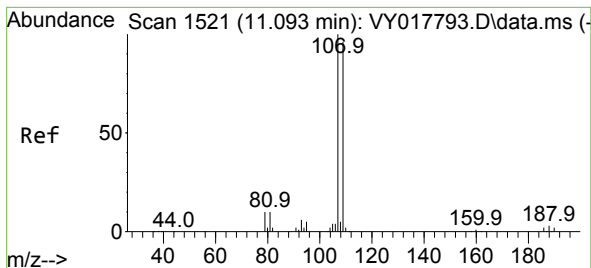
Tgt Ion: 129 Resp: 66879

Ion Ratio Lower Upper

129 100

127 78.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 44.313 ug/l

RT: 11.105 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

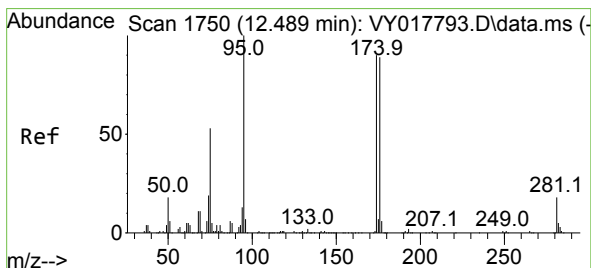
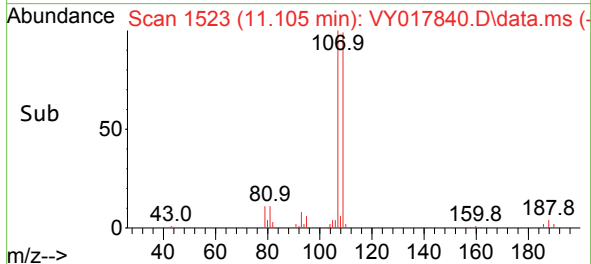
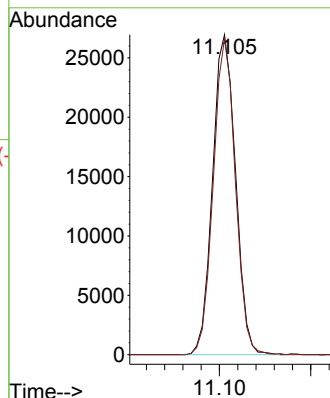
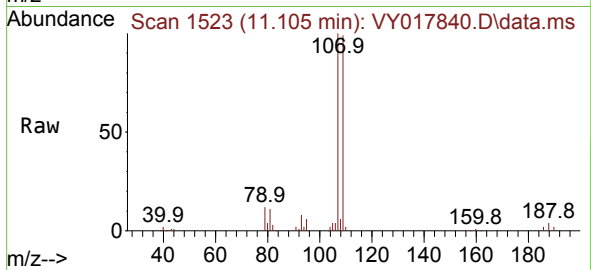
VSTDCCC050

Tgt Ion:107 Resp: 46935

Ion Ratio Lower Upper

107 100

109 95.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 51.136 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

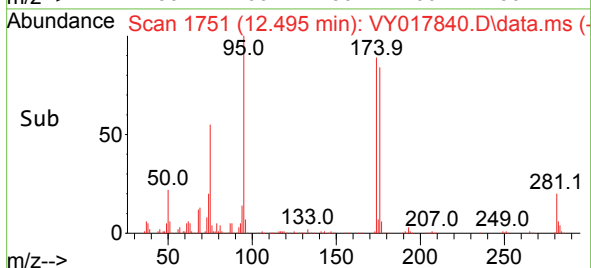
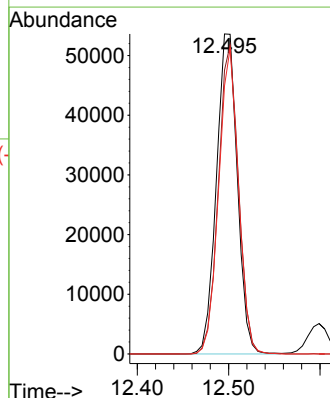
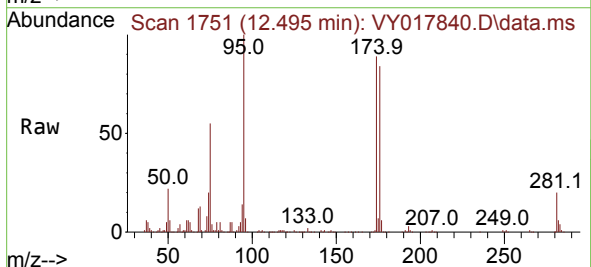
Tgt Ion: 95 Resp: 85344

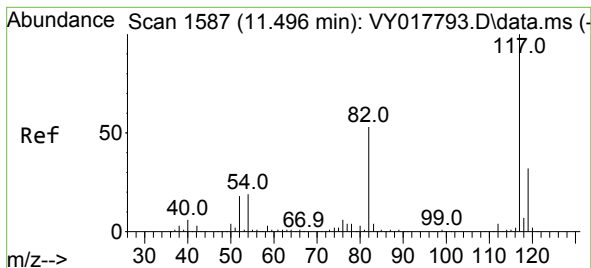
Ion Ratio Lower Upper

95 100

174 92.9 0.0 175.6

176 90.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.508 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

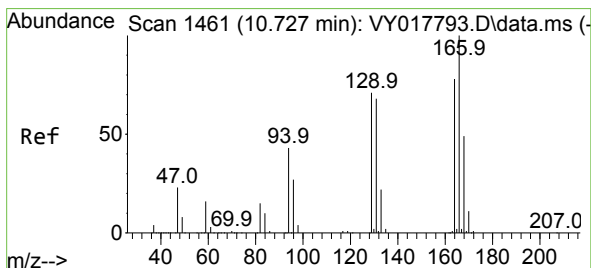
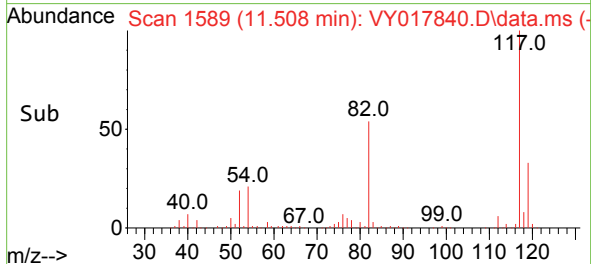
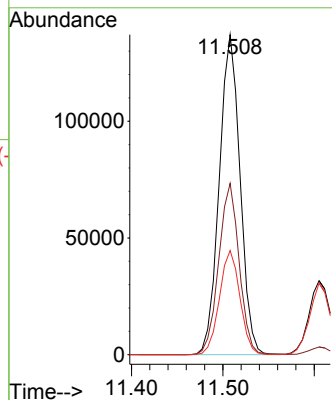
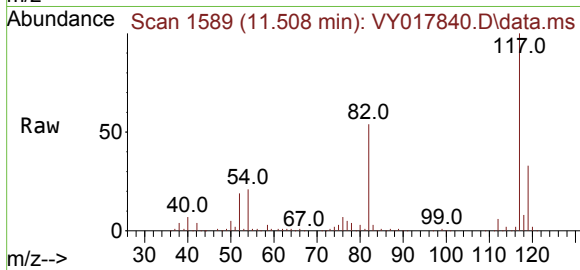
Tgt Ion:117 Resp: 217163

Ion Ratio Lower Upper

117 100

82 53.6 42.4 63.6

119 32.6 25.9 38.9



#64

Tetrachloroethene

Concen: 46.654 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.006 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Tgt Ion:164 Resp: 88368

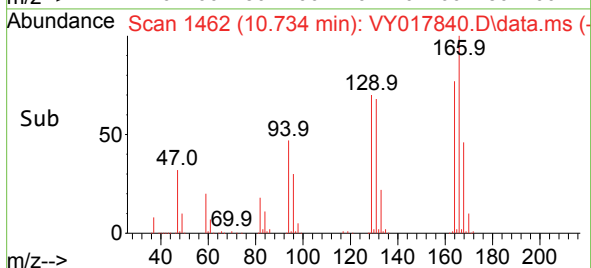
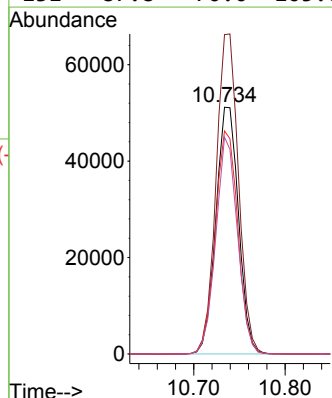
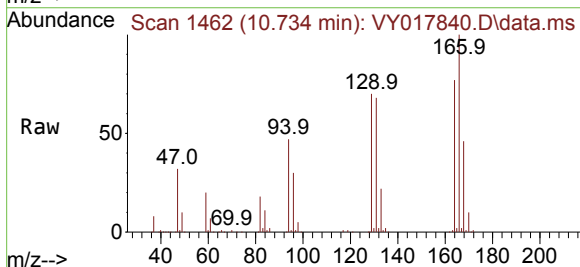
Ion Ratio Lower Upper

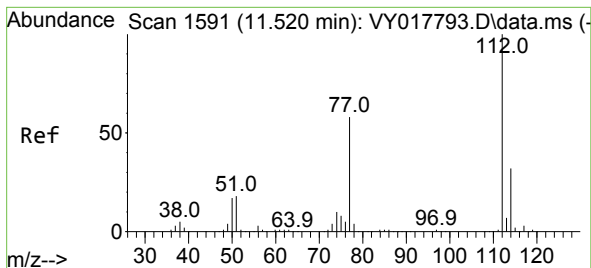
164 100

166 129.4 102.6 154.0

129 90.4 72.0 108.0

131 87.8 70.0 105.0

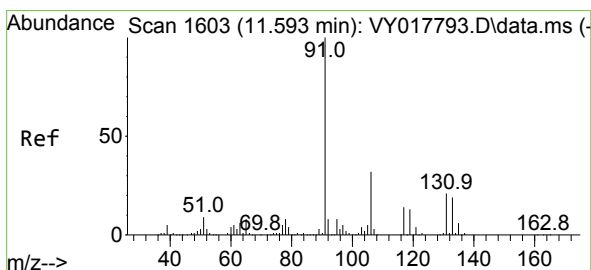
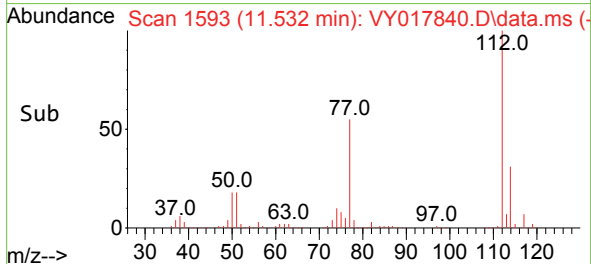
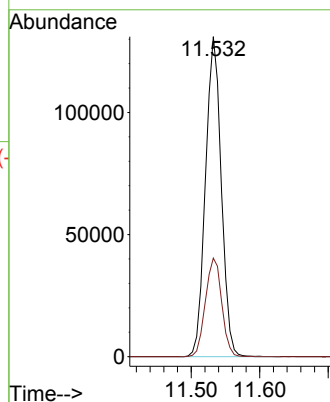
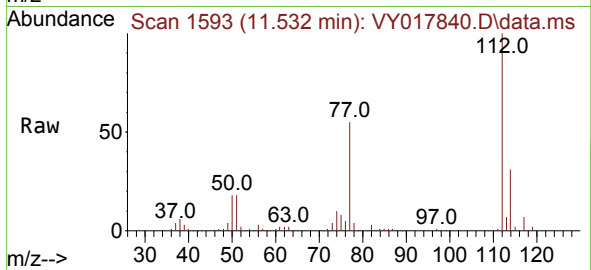




#65
Chlorobenzene
Concen: 47.169 ug/l
RT: 11.532 min Scan# 111
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

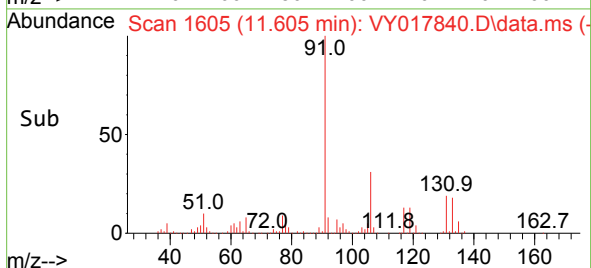
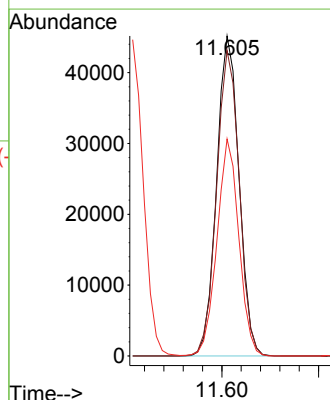
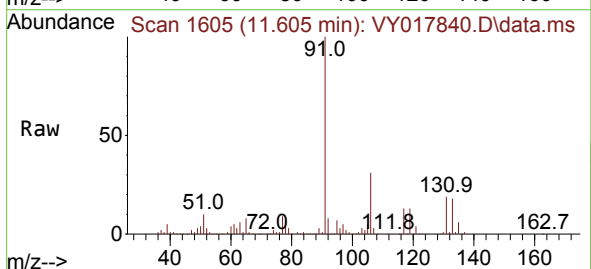
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

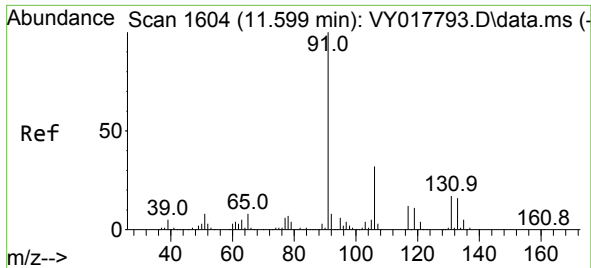
Tgt Ion:112 Resp: 210126
Ion Ratio Lower Upper
112 100
114 30.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 47.910 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion:131 Resp: 72469
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.3
119 66.5 34.1 102.2

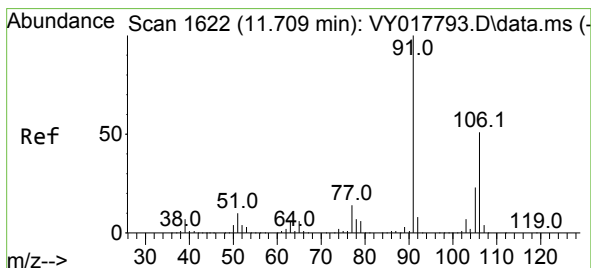
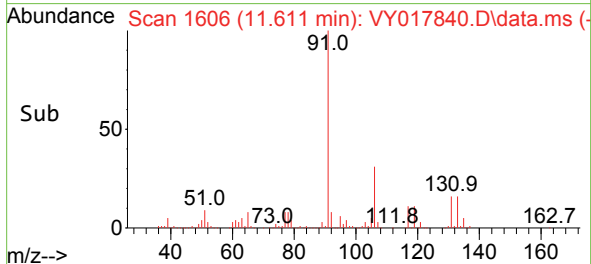
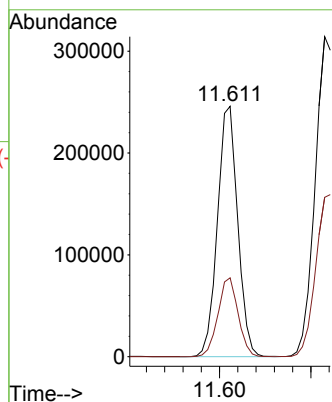
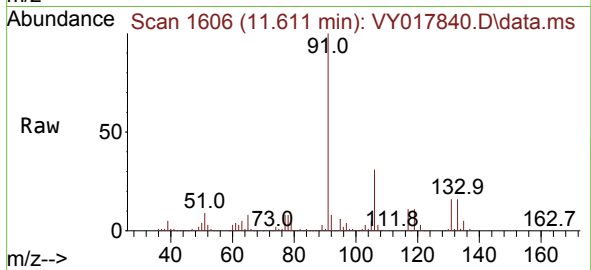




#67
Ethyl Benzene
Concen: 49.458 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

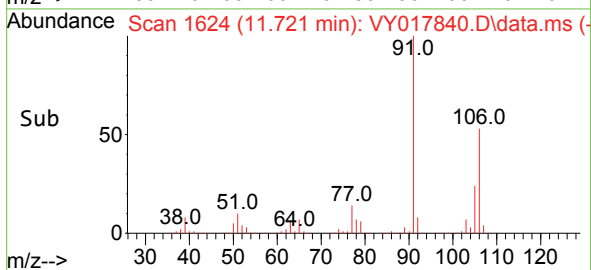
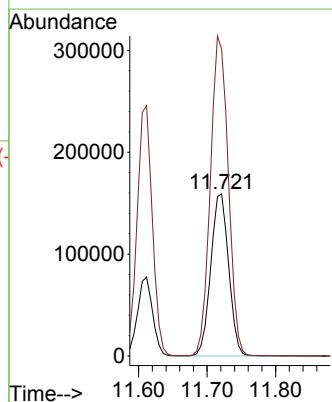
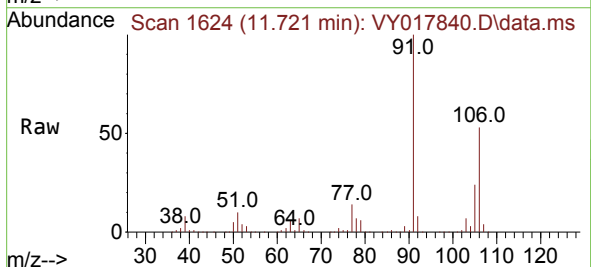
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

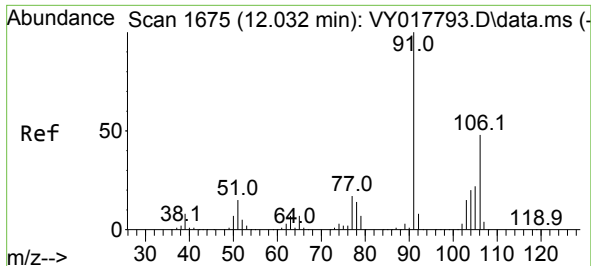
Tgt Ion: 91 Resp: 378749
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7



#68
m/p-Xylenes
Concen: 99.136 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 106 Resp: 287916
Ion Ratio Lower Upper
106 100
91 197.6 156.0 234.0

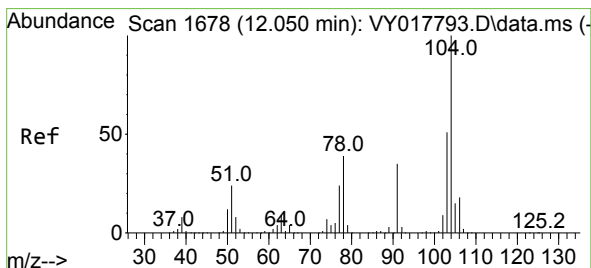
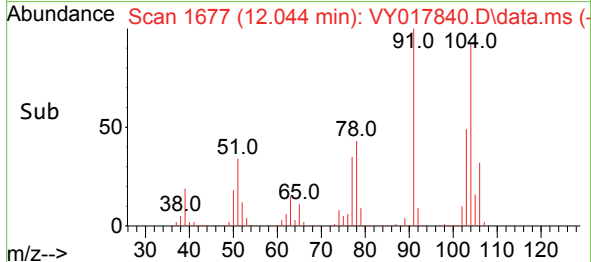
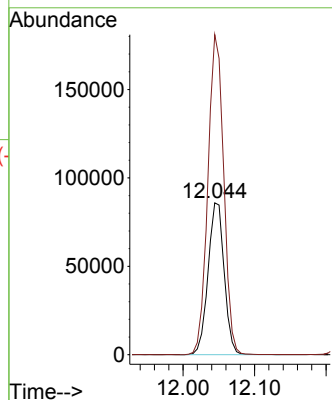
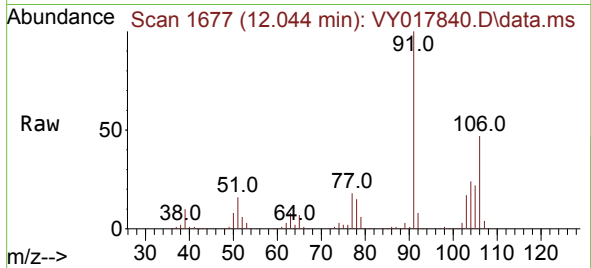




#69
o-Xylene
Concen: 54.900 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

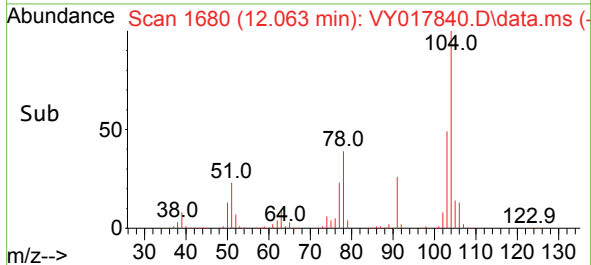
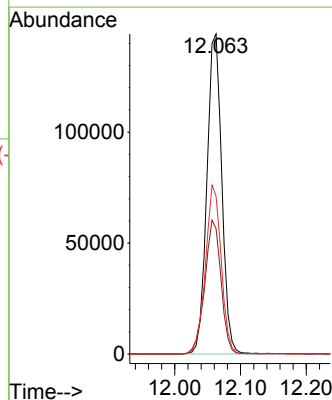
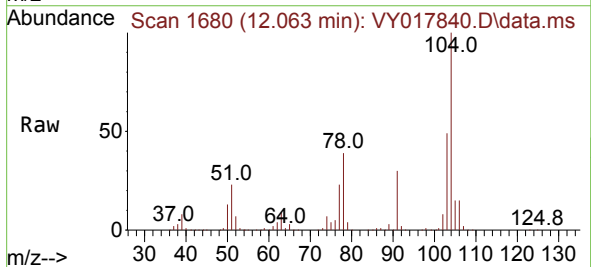
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

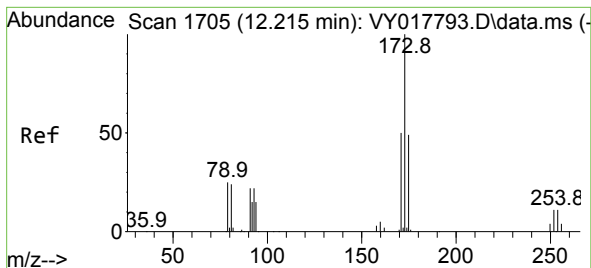
Tgt Ion:106 Resp: 134324
Ion Ratio Lower Upper
106 100
91 207.4 103.6 310.8



#70
Styrene
Concen: 54.152 ug/l
RT: 12.063 min Scan# 1680
Delta R.T. 0.013 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion:104 Resp: 227740
Ion Ratio Lower Upper
104 100
78 45.4 37.0 55.4
103 55.6 44.2 66.2





#71

Bromoform

Concen: 43.456 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

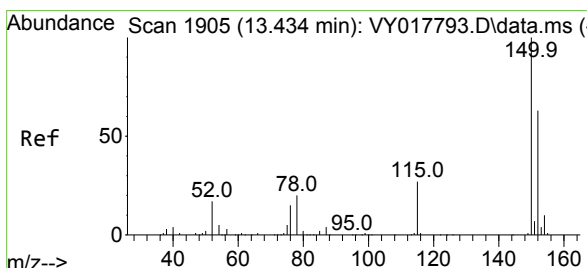
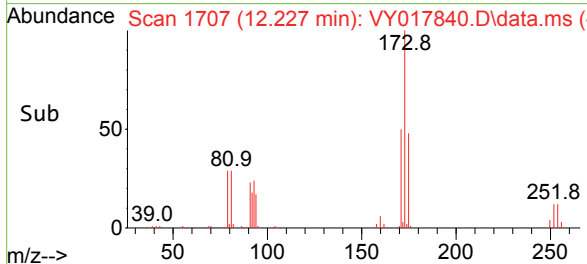
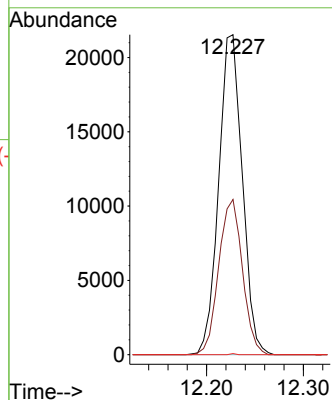
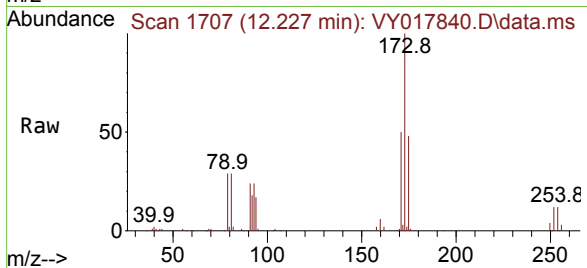
Tgt Ion:173 Resp: 36435

Ion Ratio Lower Upper

173 100

175 48.8 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: VY017840.D

Acq: 04 Apr 2024 08:58

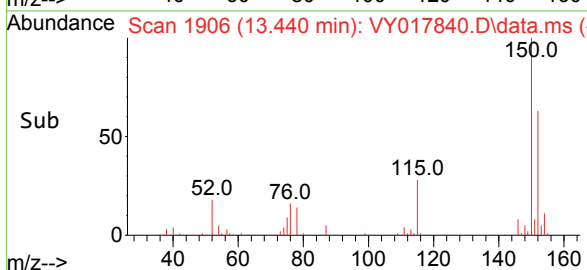
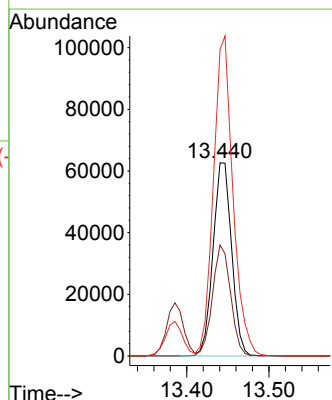
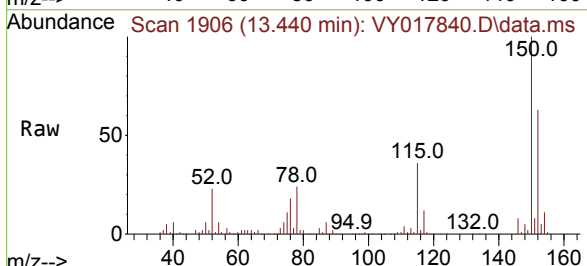
Tgt Ion:152 Resp: 98584

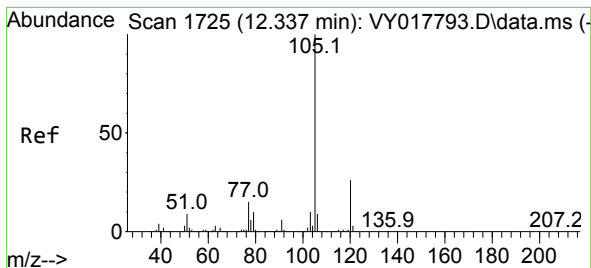
Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 173.6 0.0 345.6





#73

Isopropylbenzene

Concen: 51.520 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

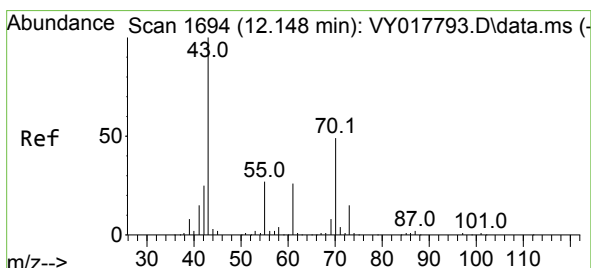
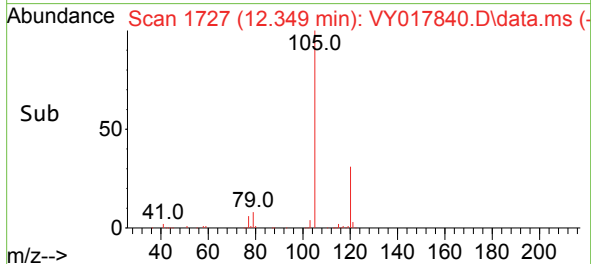
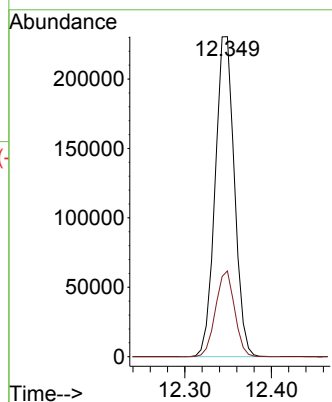
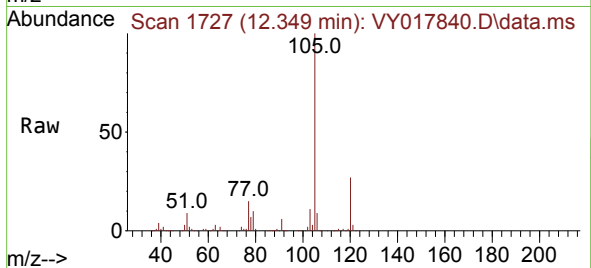
VSTDCCC050

Tgt Ion:105 Resp: 355942

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 45.195 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Tgt Ion: 43 Resp: 57843

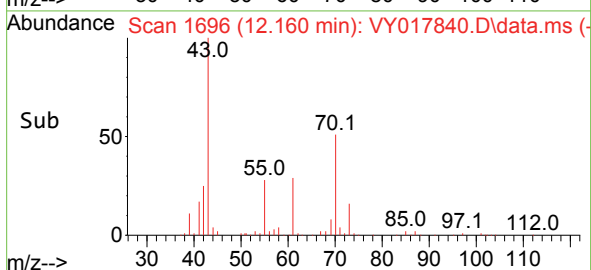
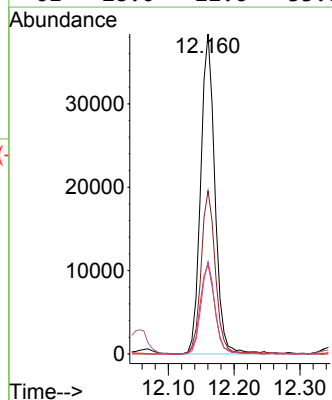
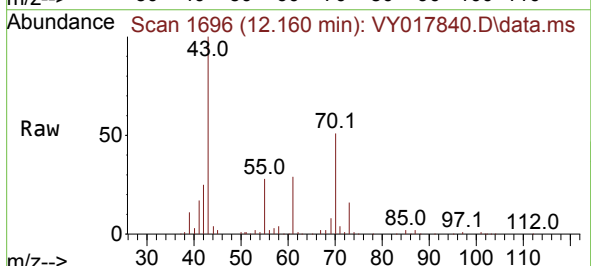
Ion Ratio Lower Upper

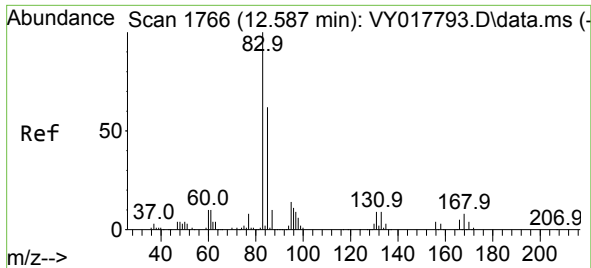
43 100

70 51.2 41.4 62.2

55 29.0 23.3 34.9

61 28.0 22.6 33.8

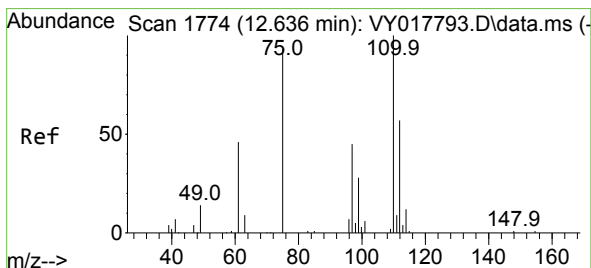
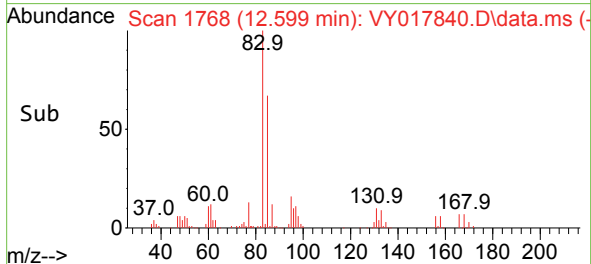
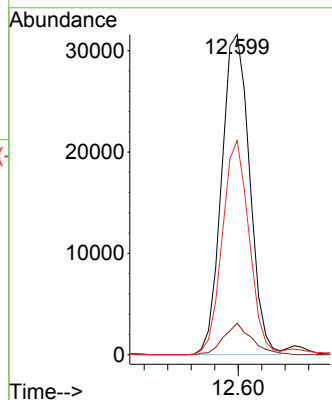
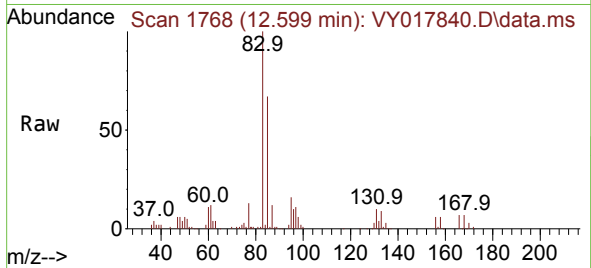




#75
1,1,2,2-Tetrachloroethane
Concen: 43.810 ug/l
RT: 12.599 min Scan# 1768
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

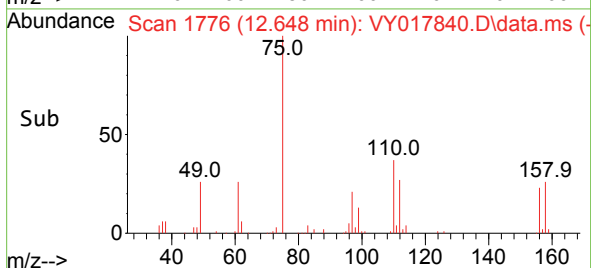
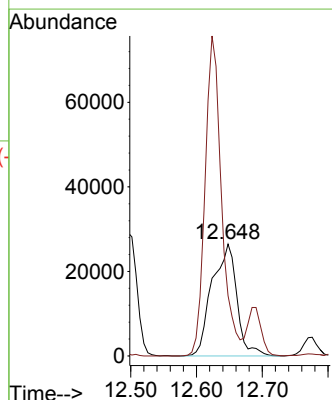
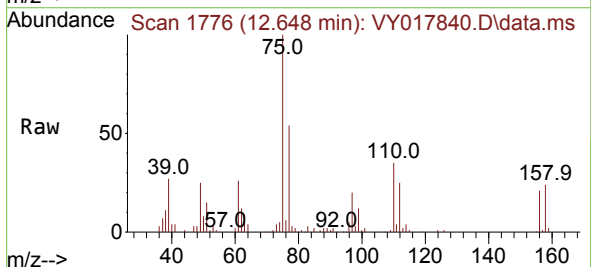
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

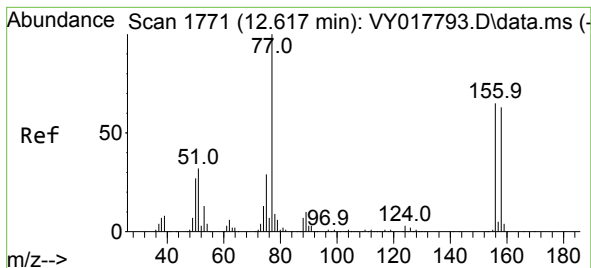
Tgt Ion: 83 Resp: 52357
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 64.0 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 77.540 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 75 Resp: 69658
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.111 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

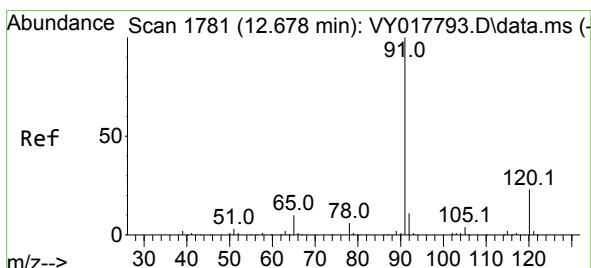
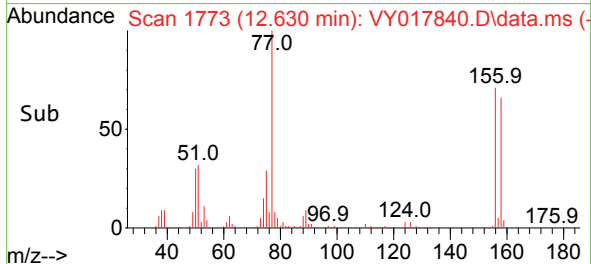
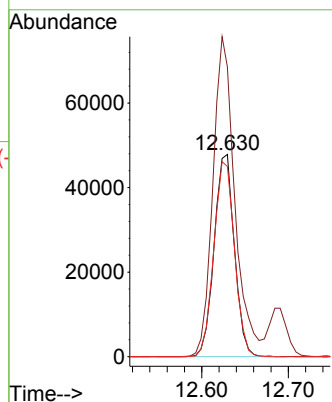
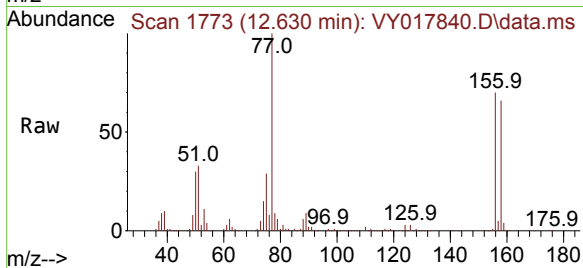
Tgt Ion:156 Resp: 77517

Ion Ratio Lower Upper

156 100

77 170.5 87.1 261.3

158 98.6 48.6 145.9



#78

n-propylbenzene

Concen: 51.155 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY017840.D

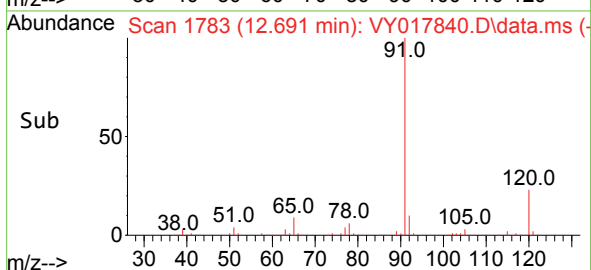
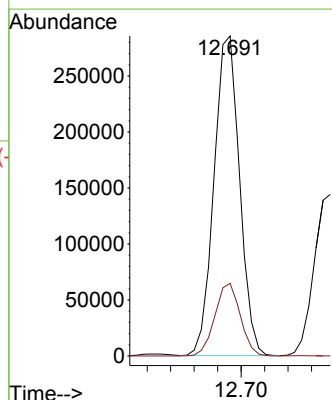
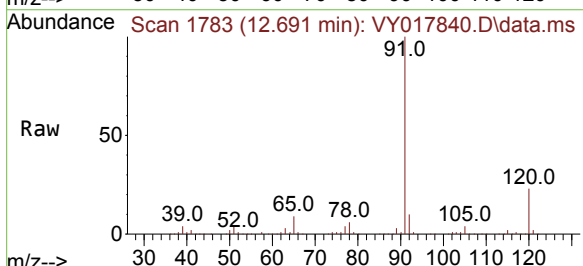
Acq: 04 Apr 2024 08:58

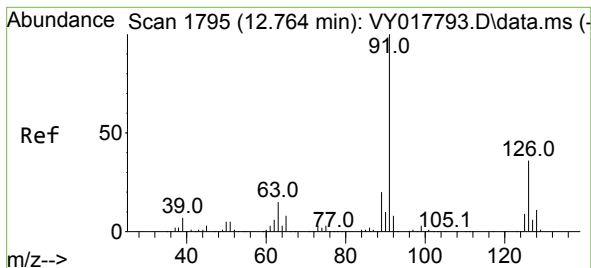
Tgt Ion: 91 Resp: 431238

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.088 ug/l

RT: 12.776 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

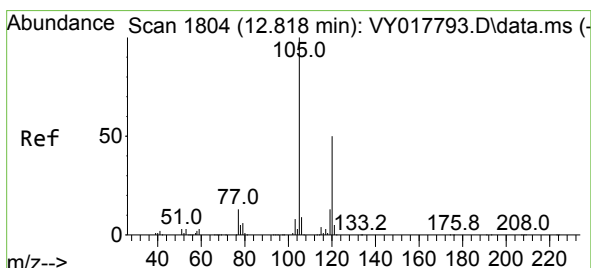
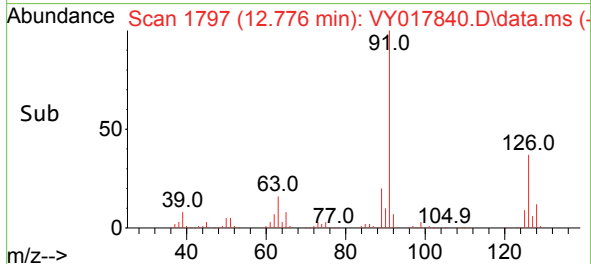
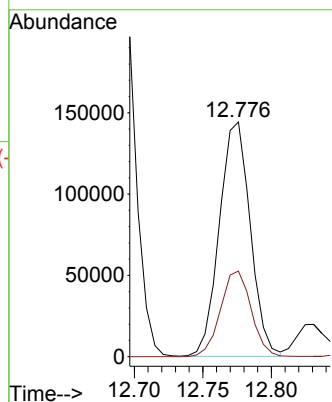
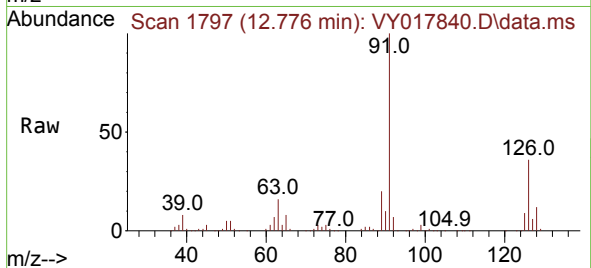
VSTDCCC050

Tgt Ion: 91 Resp: 226669

Ion Ratio Lower Upper

91 100

126 36.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 50.902 ug/l

RT: 12.831 min Scan# 1806

Delta R.T. 0.012 min

Lab File: VY017840.D

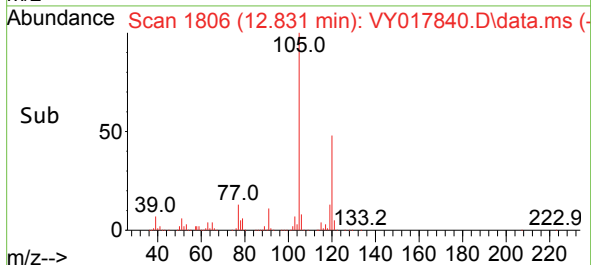
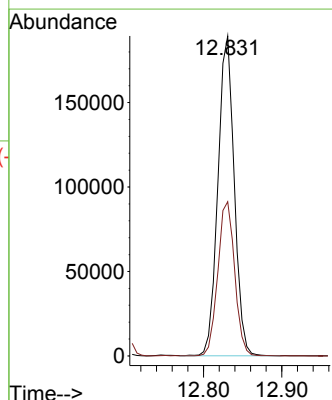
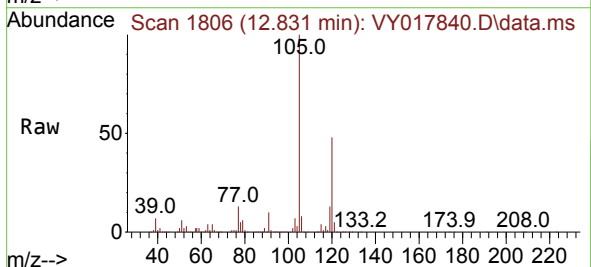
Acq: 04 Apr 2024 08:58

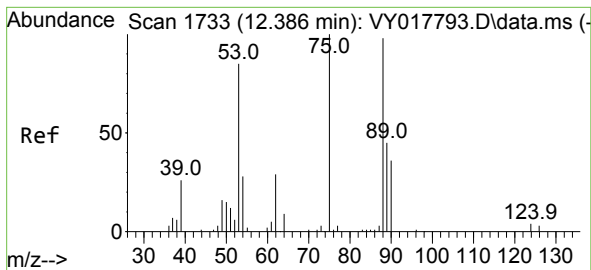
Tgt Ion:105 Resp: 274453

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.2

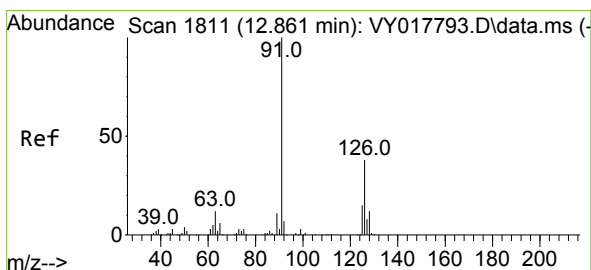
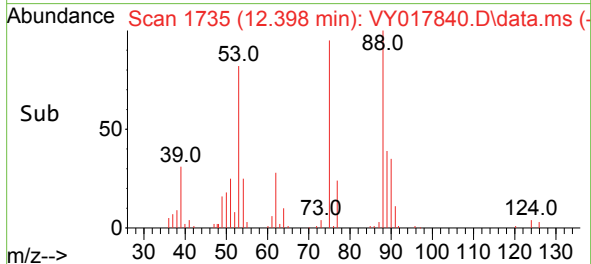
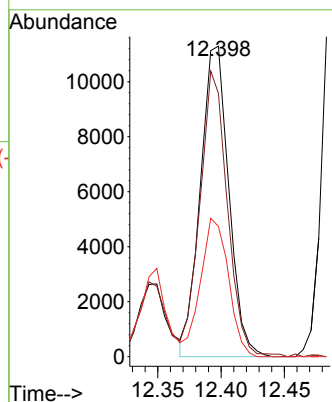
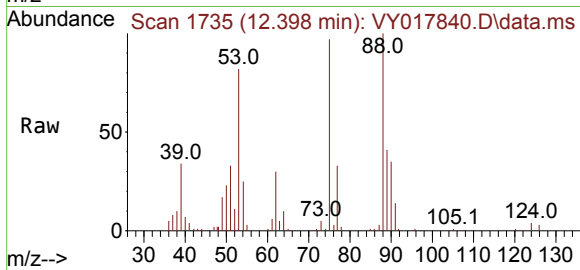




#81
trans-1,4-Dichloro-2-butene
Concen: 46.395 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

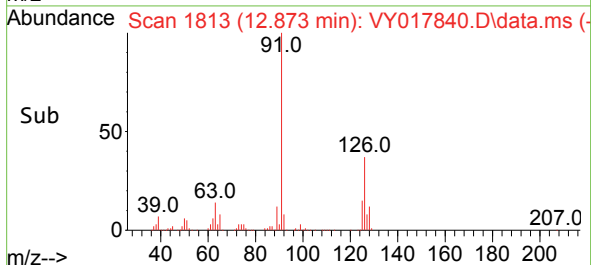
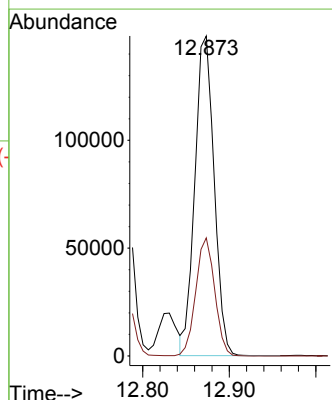
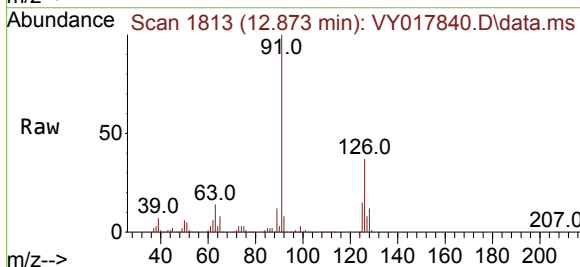
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

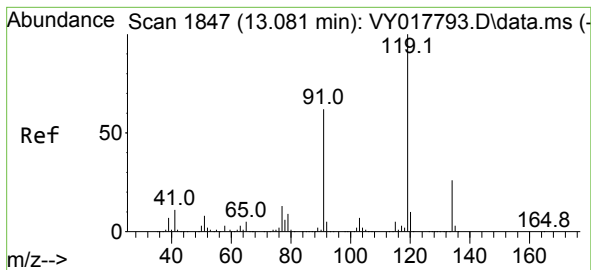
Tgt Ion: 75 Resp: 17663
Ion Ratio Lower Upper
75 100
53 88.6 66.8 100.2
89 44.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.962 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 91 Resp: 229324
Ion Ratio Lower Upper
91 100
126 36.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 51.833 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

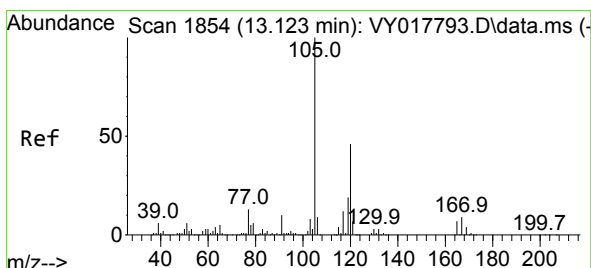
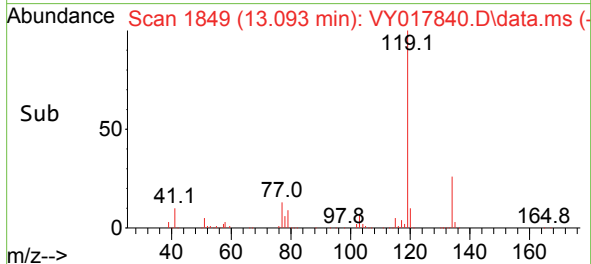
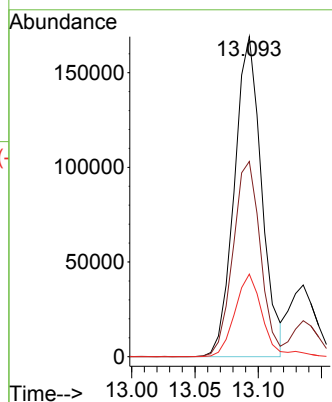
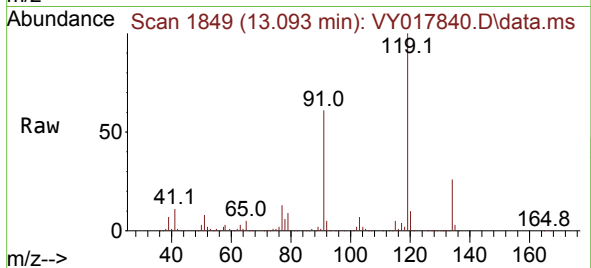
Tgt Ion:119 Resp: 254088

Ion Ratio Lower Upper

119 100

91 61.4 31.3 93.8

134 26.4 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.446 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.012 min

Lab File: VY017840.D

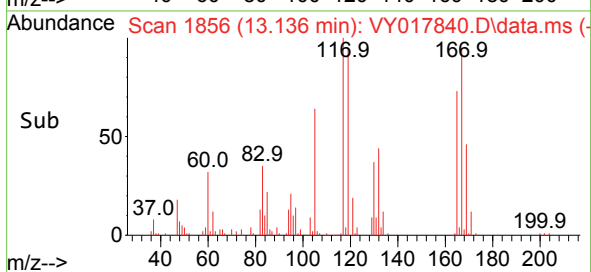
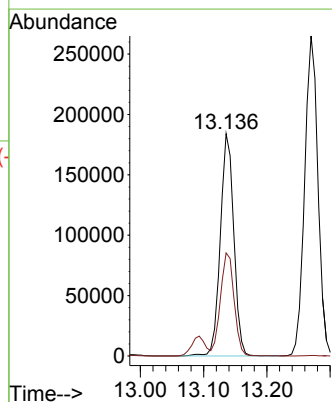
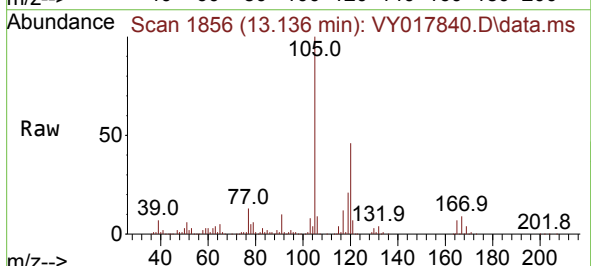
Acq: 04 Apr 2024 08:58

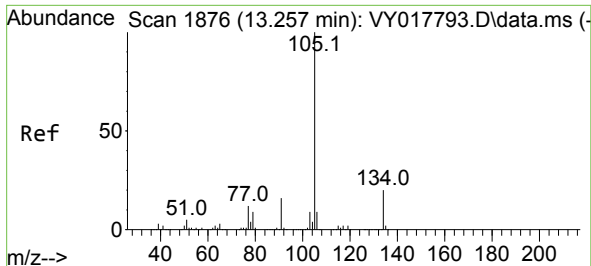
Tgt Ion:105 Resp: 270893

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6

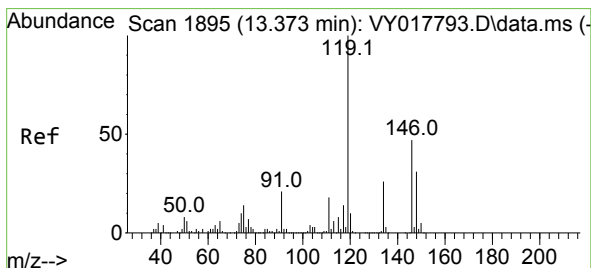
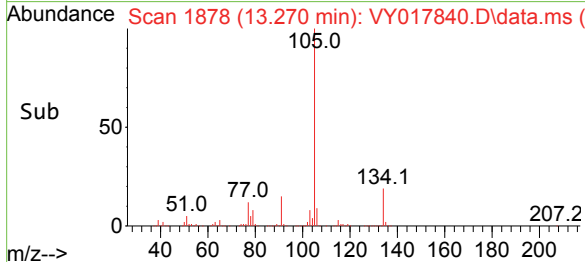
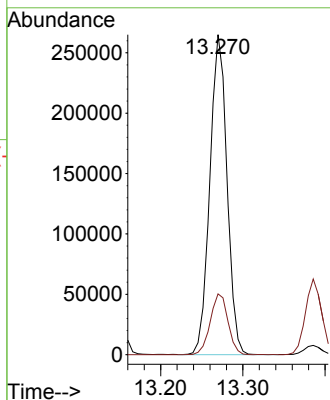
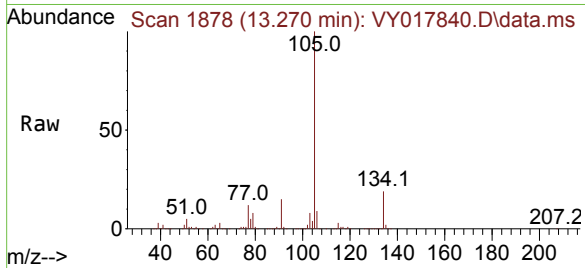




#85
 sec-Butylbenzene
 Concen: 52.201 ug/l
 RT: 13.270 min Scan# 1876
 Delta R.T. 0.012 min
 Lab File: VY017840.D
 Acq: 04 Apr 2024 08:58

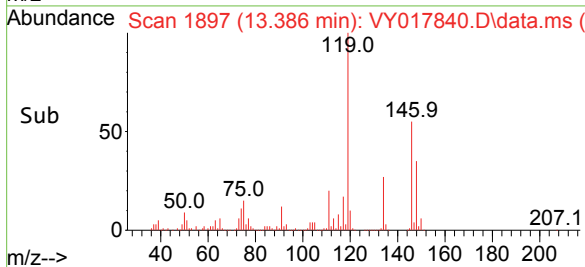
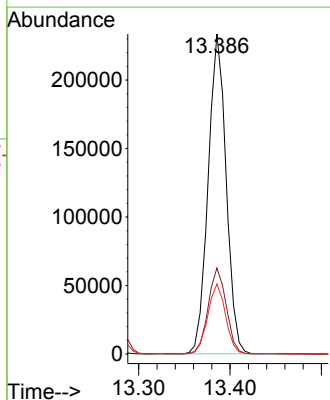
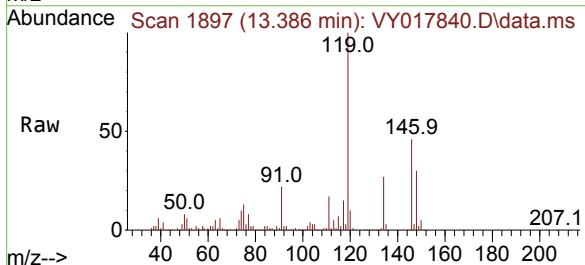
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

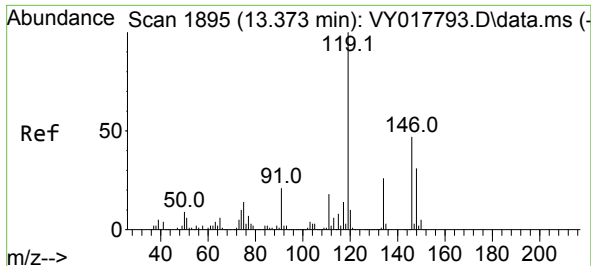
Tgt Ion:105 Resp: 384067
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 51.753 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.012 min
 Lab File: VY017840.D
 Acq: 04 Apr 2024 08:58

Tgt Ion:119 Resp: 318273
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 21.7 10.7 32.1

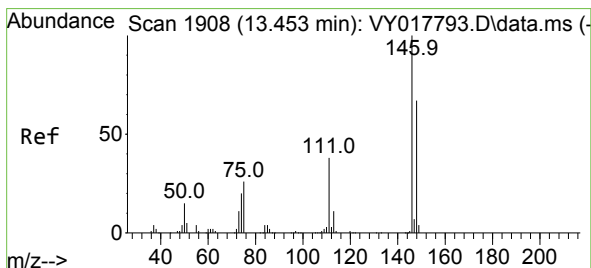
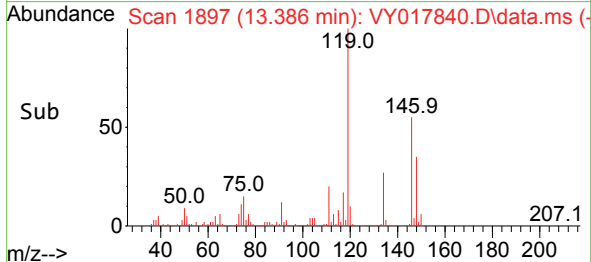
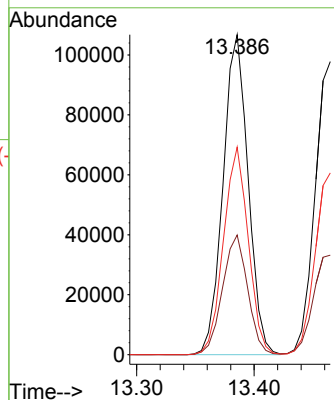
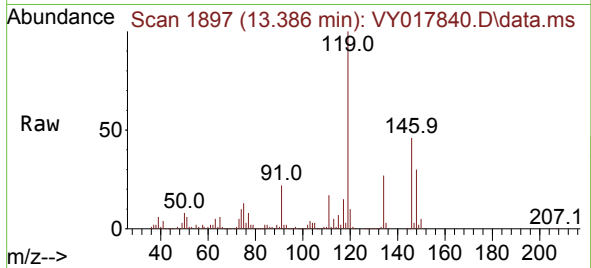




#87
1,3-Dichlorobenzene
Concen: 48.484 ug/l
RT: 13.386 min Scan# 1897
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

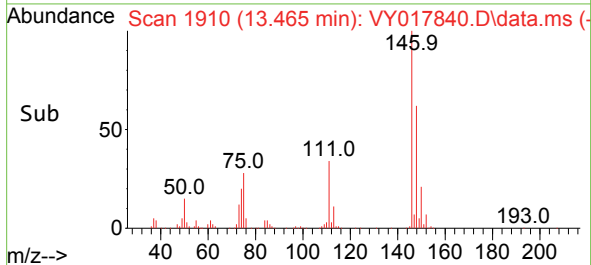
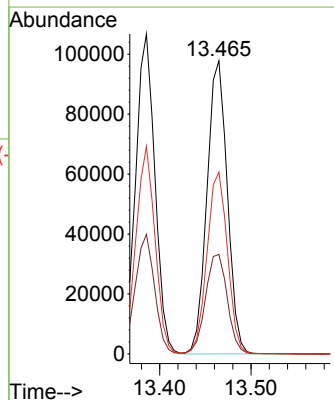
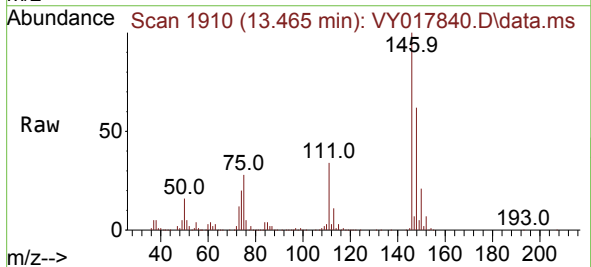
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

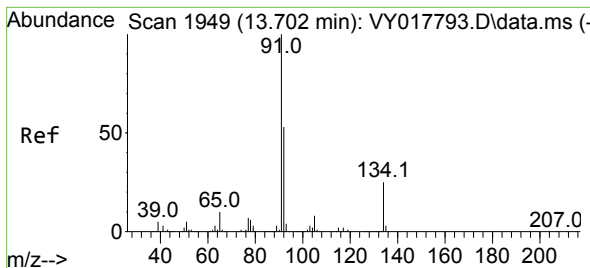
Tgt Ion:146 Resp: 158301
Ion Ratio Lower Upper
146 100
111 37.6 19.0 57.0
148 64.2 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 48.300 ug/l
RT: 13.465 min Scan# 1910
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion:146 Resp: 150940
Ion Ratio Lower Upper
146 100
111 36.7 18.4 55.4
148 62.5 32.4 97.2





#89

n-Butylbenzene

Concen: 52.521 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

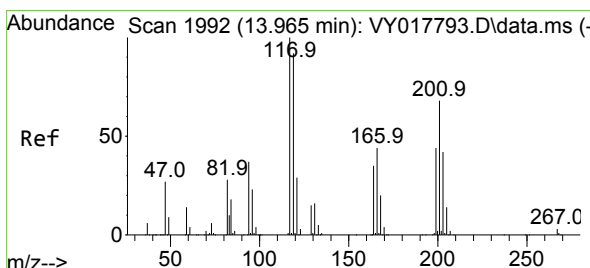
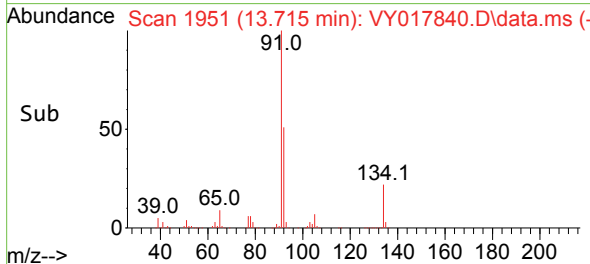
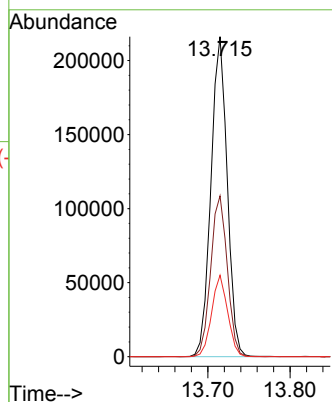
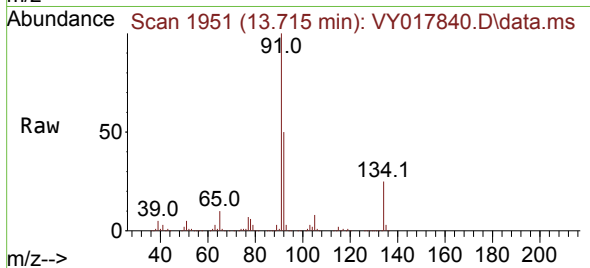
Tgt Ion: 91 Resp: 297170

Ion Ratio Lower Upper

91 100

92 51.3 26.6 79.7

134 25.0 12.9 38.7



#90

Hexachloroethane

Concen: 50.867 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.012 min

Lab File: VY017840.D

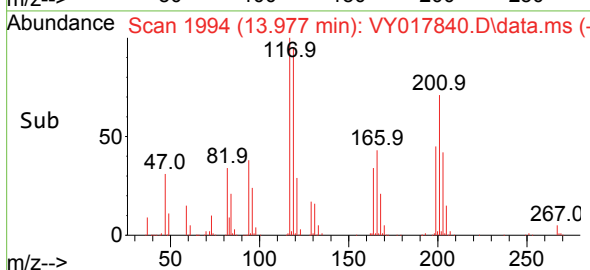
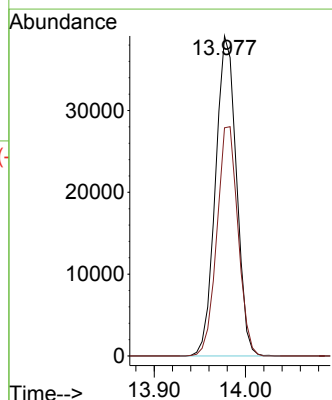
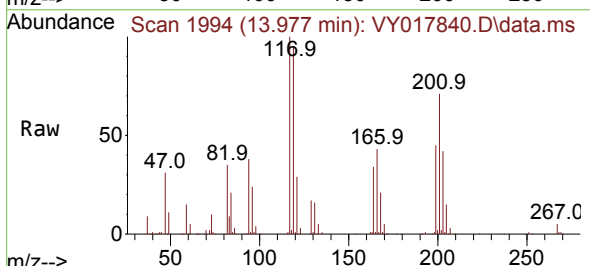
Acq: 04 Apr 2024 08:58

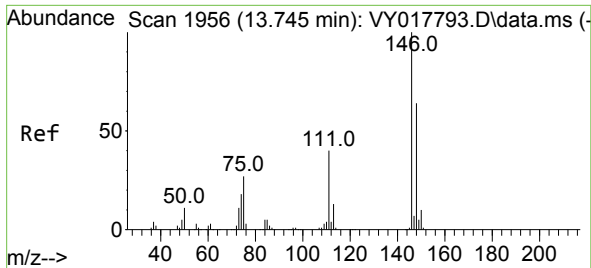
Tgt Ion: 117 Resp: 62205

Ion Ratio Lower Upper

117 100

201 72.5 37.4 112.2

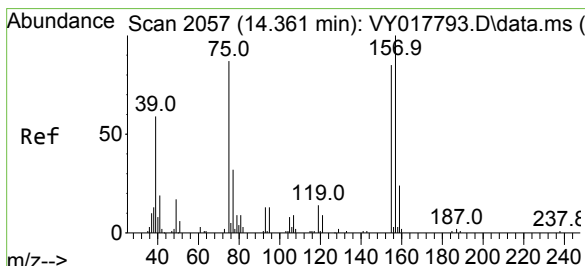
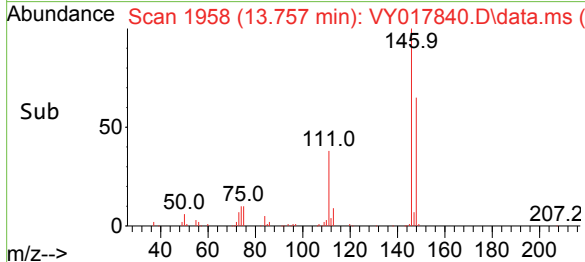
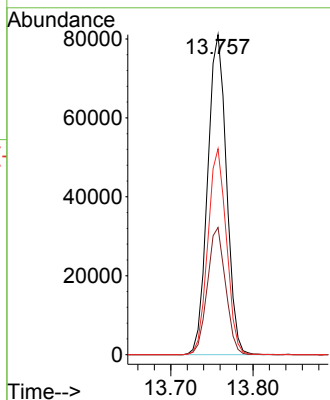
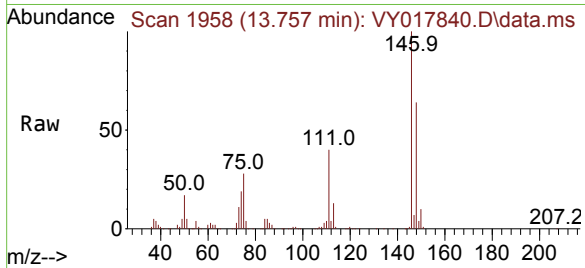




#91
1,2-Dichlorobenzene
Concen: 47.582 ug/l
RT: 13.757 min Scan# 1956
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

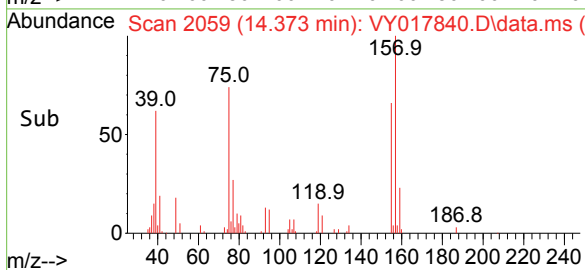
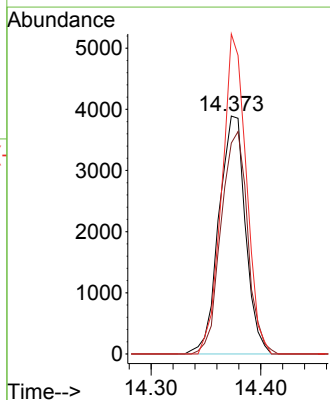
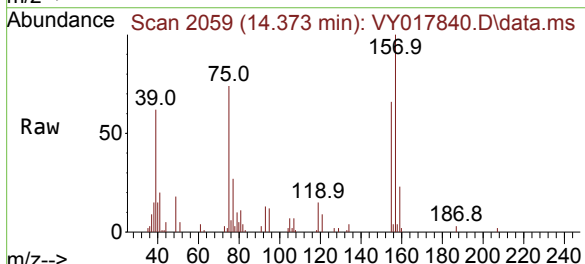
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

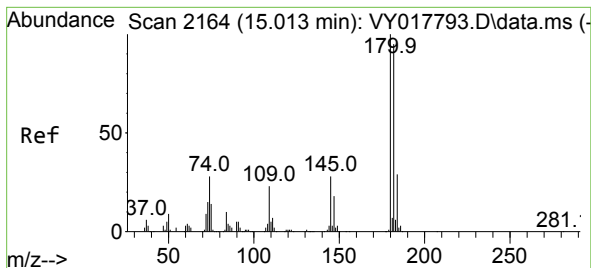
Tgt Ion:146 Resp: 128775
Ion Ratio Lower Upper
146 100
111 38.5 19.9 59.7
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.509 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.012 min
Lab File: VY017840.D
Acq: 04 Apr 2024 08:58

Tgt Ion: 75 Resp: 6542
Ion Ratio Lower Upper
75 100
155 93.5 48.6 145.8
157 122.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 47.000 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

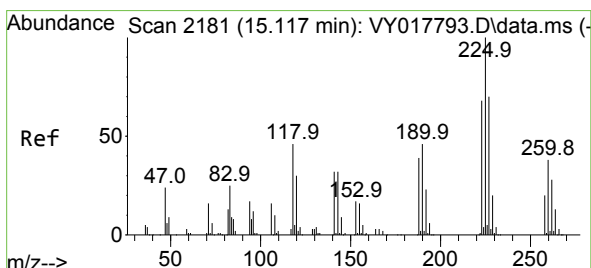
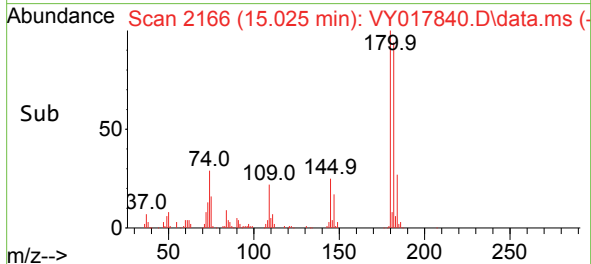
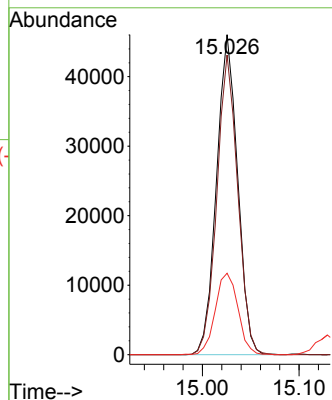
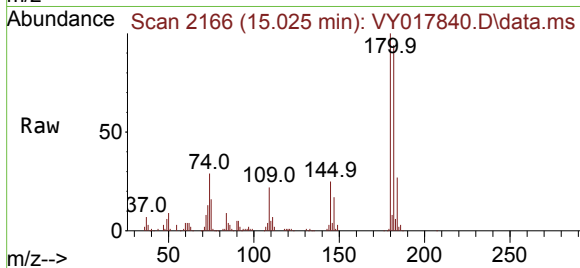
Tgt Ion:180 Resp: 69671

Ion Ratio Lower Upper

180 100

182 92.7 47.9 143.8

145 27.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.256 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

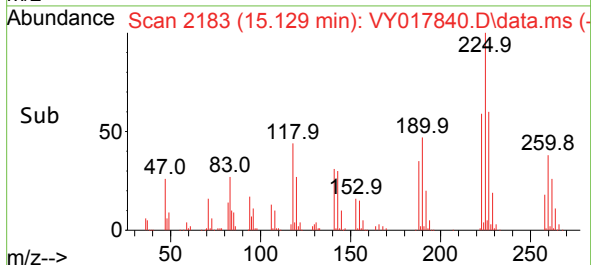
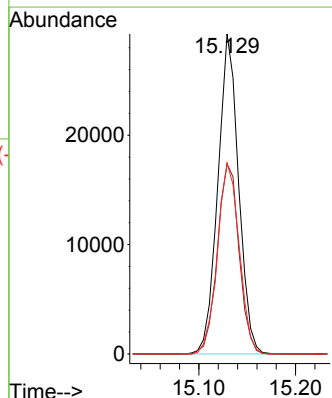
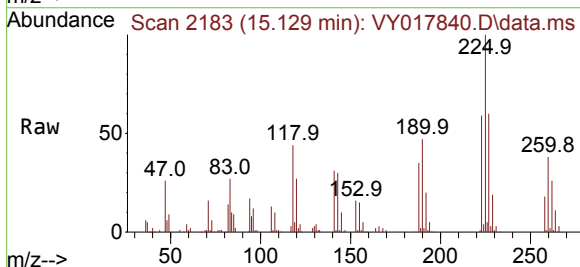
Tgt Ion:225 Resp: 43364

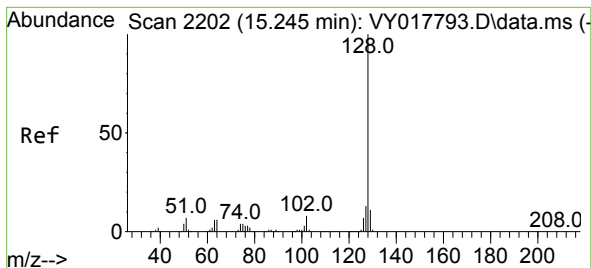
Ion Ratio Lower Upper

225 100

223 62.1 30.4 91.2

227 62.6 31.9 95.9





#95

Naphthalene

Concen: 45.412 ug/l

RT: 15.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

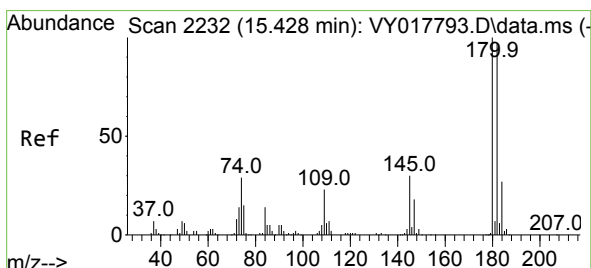
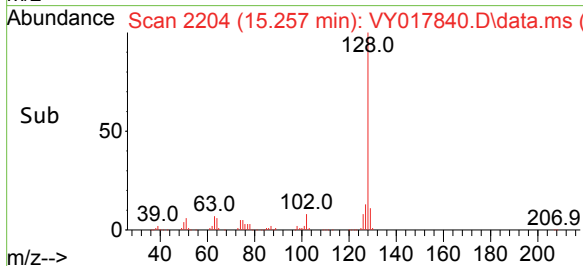
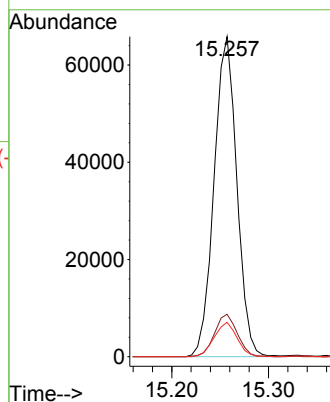
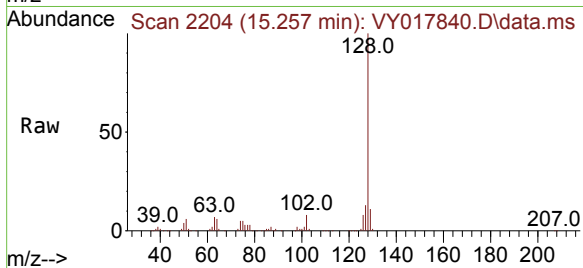
Tgt Ion:128 Resp: 107643

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.641 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.018 min

Lab File: VY017840.D

Acq: 04 Apr 2024 08:58

Tgt Ion:180 Resp: 55898

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 29.4 15.4 46.1

