

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021924\
 Data File : VY017410.D
 Acq On : 19 Feb 2024 17:49
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: Feb 20 06:07:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 20 05:58:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	163613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	259260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	225550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	108990	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	72100	51.584	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.160%	
35) Dibromofluoromethane	7.728	113	78939	52.015	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.040%	
50) Toluene-d8	10.185	98	317581	53.957	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.920%	
62) 4-Bromofluorobenzene	12.489	95	97564	49.711	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	57140	43.797	ug/l	97
3) Chloromethane	2.113	50	129902	48.787	ug/l	99
4) Vinyl Chloride	2.253	62	159331	45.961	ug/l	98
5) Bromomethane	2.656	94	123793	48.506	ug/l	97
6) Chloroethane	2.802	64	99084	44.867	ug/l	98
7) Trichlorofluoromethane	3.131	101	134324	45.180	ug/l	96
8) Diethyl Ether	3.534	74	37866	45.061	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.912	101	75462	43.912	ug/l	99
10) Methyl Iodide	4.101	142	87737	47.975	ug/l	99
11) Tert butyl alcohol	4.984	59	18973	174.578	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	72305	44.765	ug/l	96
13) Acrolein	3.741	56	29710	204.285	ug/l	97
14) Allyl chloride	4.491	41	88283	45.093	ug/l	99
15) Acrylonitrile	5.173	53	72676	217.537	ug/l	99
16) Acetone	3.966	43	65768	217.267	ug/l	93
17) Carbon Disulfide	4.204	76	228160	44.463	ug/l	98
18) Methyl Acetate	4.491	43	30907	45.026	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	163717	44.872	ug/l	98
20) Methylene Chloride	4.728	84	87150	46.425	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	83787	44.849	ug/l	99
22) Diisopropyl ether	6.131	45	206619	45.886	ug/l	96
23) Vinyl Acetate	6.076	43	607587	227.045	ug/l	100
24) 1,1-Dichloroethane	6.027	63	135772	44.474	ug/l	99
25) 2-Butanone	6.996	43	91786	216.014	ug/l	98
26) 2,2-Dichloropropane	6.990	77	117190	44.613	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	93250	44.940	ug/l	100
28) Bromochloromethane	7.344	49	57512	50.211	ug/l	98
29) Tetrahydrofuran	7.362	42	54928	219.901	ug/l	99
30) Chloroform	7.515	83	143005	44.375	ug/l	99
31) Cyclohexane	7.795	56	121230	43.813	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	125954	44.250	ug/l	98
36) 1,1-Dichloropropene	7.929	75	113950	44.957	ug/l	99
37) Ethyl Acetate	7.082	43	39355	42.642	ug/l	98
38) Carbon Tetrachloride	7.911	117	114252	45.275	ug/l	99
39) Methylcyclohexane	9.191	83	143678	46.310	ug/l	97
40) Benzene	8.167	78	335040	45.243	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	22437	49.780	ug/l	94
42) 1,2-Dichloroethane	8.246	62	79421	44.183	ug/l	99
43) Isopropyl Acetate	8.283	43	75347	45.177	ug/l	100
44) Trichloroethene	8.947	130	89705	44.690	ug/l	98
45) 1,2-Dichloropropane	9.222	63	77987	45.558	ug/l	100
46) Dibromomethane	9.313	93	42935	44.128	ug/l	99
47) Bromodichloromethane	9.502	83	108544	45.374	ug/l	99
48) Methyl methacrylate	9.301	41	36067	46.091	ug/l	99
49) 1,4-Dioxane	9.307	88	8906	875.165	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	203545	226.496	ug/l	100
52) Toluene	10.252	92	212689	46.006	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	101617	45.875	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	123098	45.296	ug/l	100
55) 1,1,2-Trichloroethane	10.654	97	59591	44.513	ug/l	98
56) Ethyl methacrylate	10.520	69	71502	42.898	ug/l	97
57) 1,3-Dichloropropane	10.794	76	100040	45.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	210076	262.631	ug/l	99
59) 2-Hexanone	10.837	43	144211	232.977	ug/l	100
60) Dibromochloromethane	10.990	129	71592	44.987	ug/l	98
61) 1,2-Dibromoethane	11.093	107	56635	45.219	ug/l	98
64) Tetrachloroethene	10.727	164	80271	44.469	ug/l	98
65) Chlorobenzene	11.526	112	217878	44.840	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	80886	44.702	ug/l	100
67) Ethyl Benzene	11.599	91	403274	46.405	ug/l	99
68) m/p-Xylenes	11.709	106	318355	93.188	ug/l	100
69) o-Xylene	12.038	106	146207	46.650	ug/l	99
70) Styrene	12.050	104	245257	47.645	ug/l	99
71) Bromoform	12.215	173	42485	45.128	ug/l #	98
73) Isopropylbenzene	12.337	105	386929	45.960	ug/l	100
74) N-amyl acetate	12.148	43	67698	46.182	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	65797	43.729	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	80721	76.178	ug/l #	100
77) Bromobenzene	12.617	156	87173	44.150	ug/l	98
78) n-propylbenzene	12.678	91	470199	46.175	ug/l	100
79) 2-Chlorotoluene	12.764	91	252783	45.083	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	315152	46.801	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	20429	45.073	ug/l	98
82) 4-Chlorotoluene	12.861	91	260033	44.941	ug/l	98
83) tert-Butylbenzene	13.081	119	270100	45.934	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	312149	46.791	ug/l	100
85) sec-Butylbenzene	13.257	105	421629	46.684	ug/l	100
86) p-Isopropyltoluene	13.373	119	348622	46.866	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	178365	44.732	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	172142	44.711	ug/l	99
89) n-Butylbenzene	13.702	91	319776	47.266	ug/l	100
90) Hexachloroethane	13.965	117	65025	44.611	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	150591	44.868	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8484	44.609	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	82792	47.177	ug/l	99
94) Hexachlorobutadiene	15.117	225	47974	44.947	ug/l	98
95) Naphthalene	15.245	128	141057	43.752	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	69621	47.189	ug/l	100

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QLast Update : Tue Feb 20 05:58:22 2024
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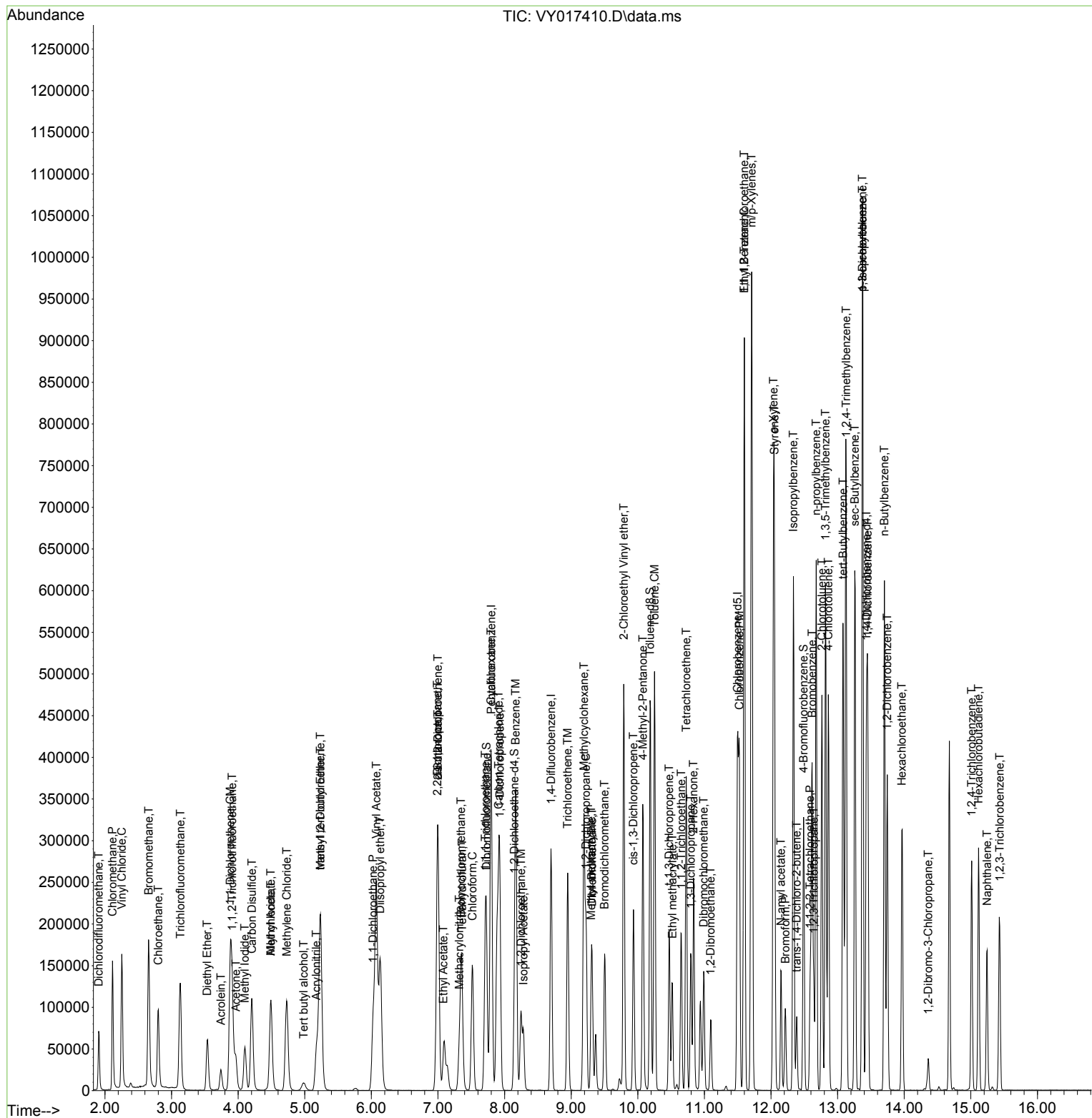
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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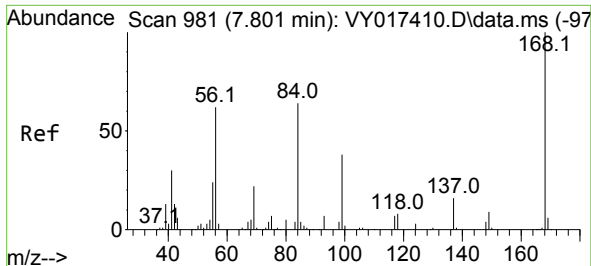
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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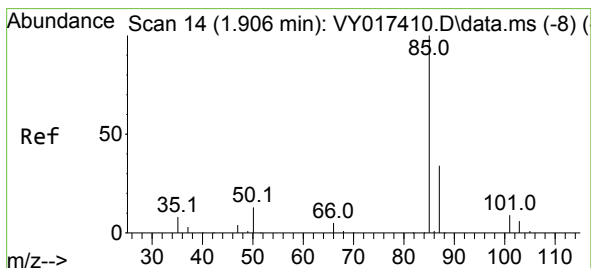
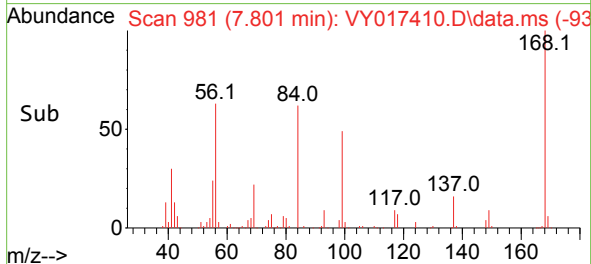
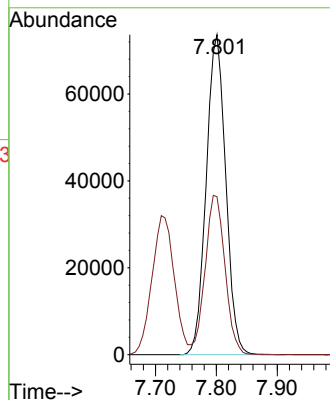
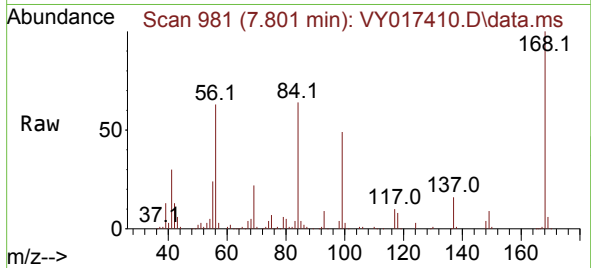




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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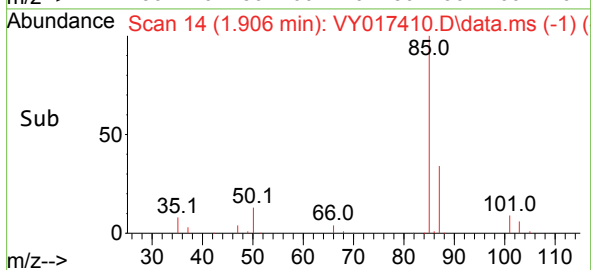
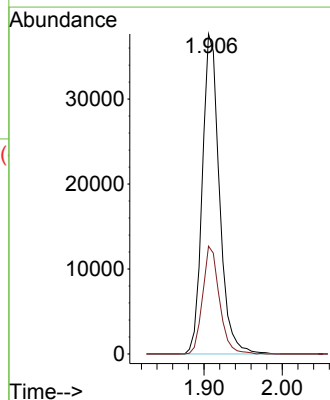
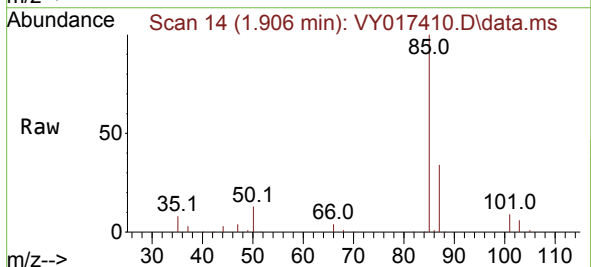
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VSTDICCC050

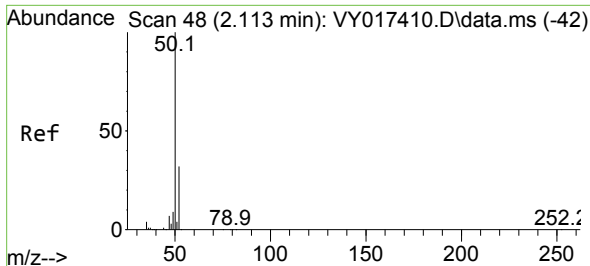
Tgt Ion:168 Resp: 163613
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 43.797 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 85 Resp: 57140
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0

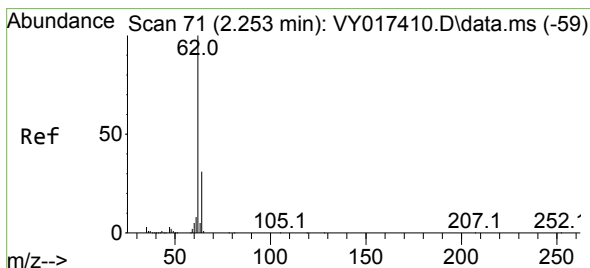
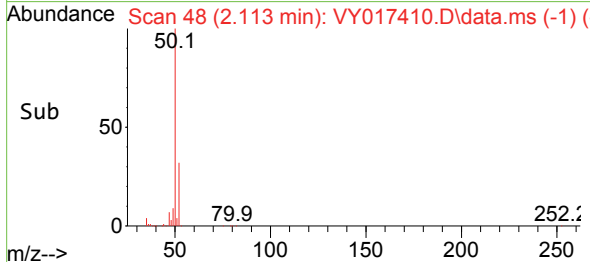
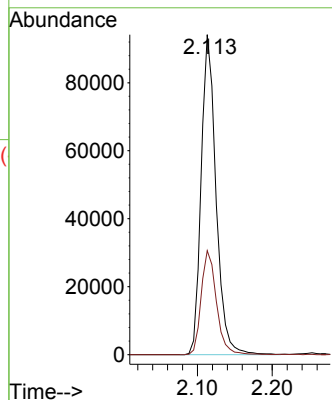
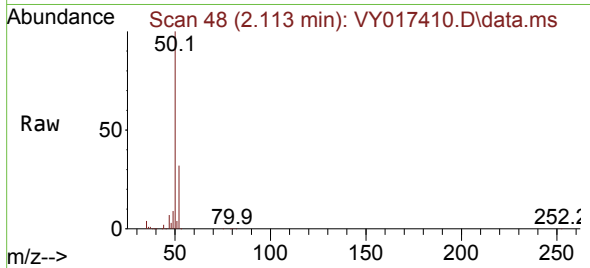




#3
Chloromethane
Concen: 48.787 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY017410.D
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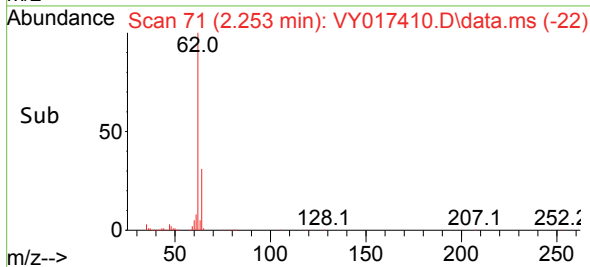
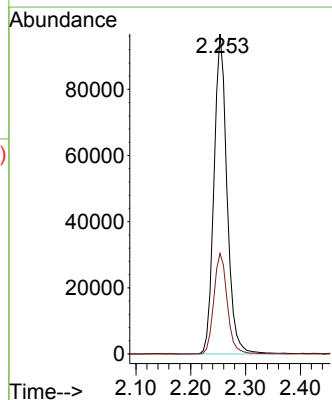
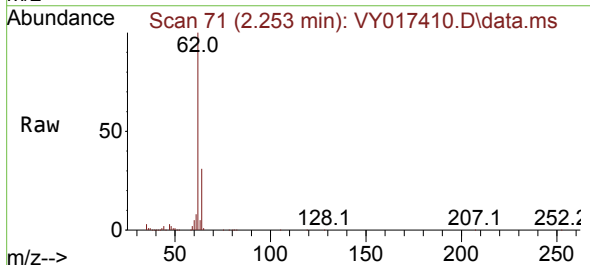
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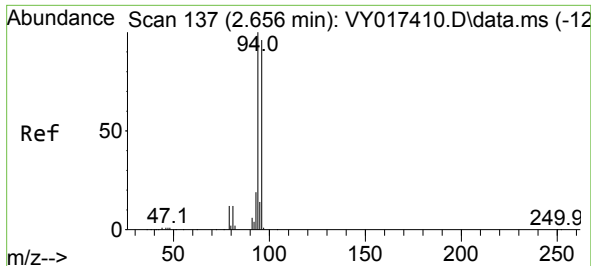
Tgt Ion: 50 Resp: 129902
Ion Ratio Lower Upper
50 100
52 32.5 25.6 38.4



#4
Vinyl Chloride
Concen: 45.961 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY017410.D
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Tgt Ion: 62 Resp: 159331
Ion Ratio Lower Upper
62 100
64 31.4 26.1 39.1

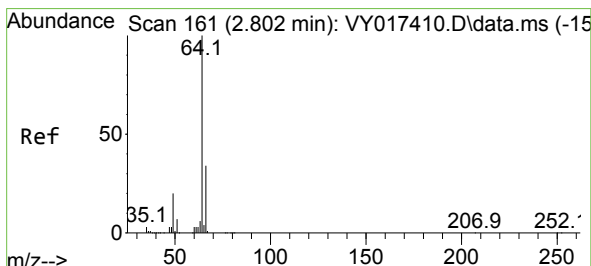
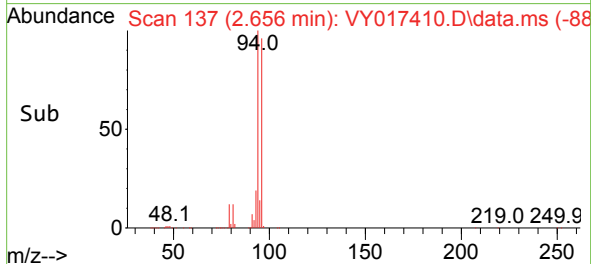
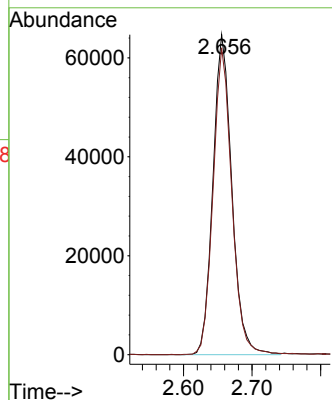
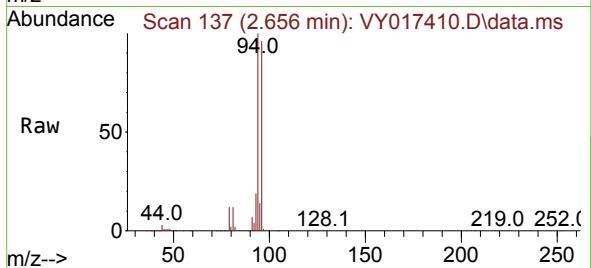




#5
Bromomethane
Concen: 48.506 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017410.D
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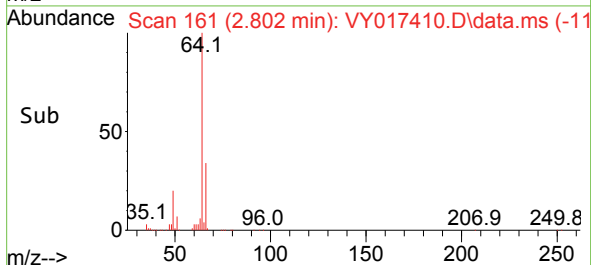
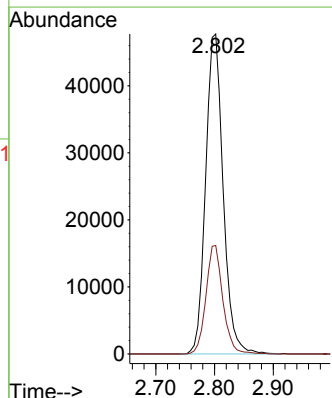
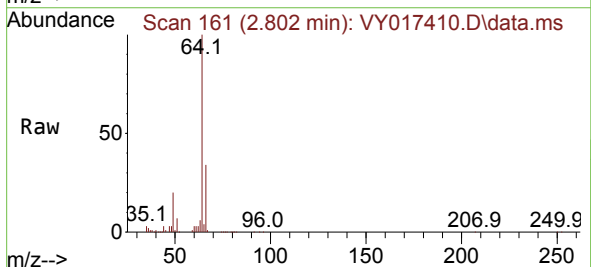
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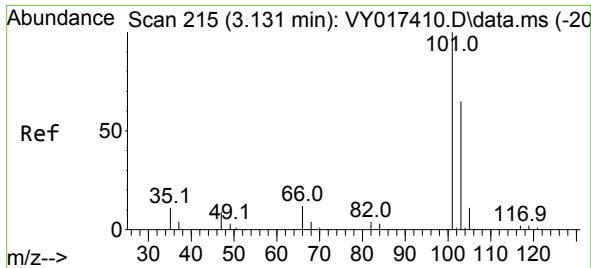
Tgt Ion: 94 Resp: 123793
Ion Ratio Lower Upper
94 100
96 95.9 74.1 111.1



#6
Chloroethane
Concen: 44.867 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY017410.D
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Tgt Ion: 64 Resp: 99084
Ion Ratio Lower Upper
64 100
66 33.9 26.1 39.1

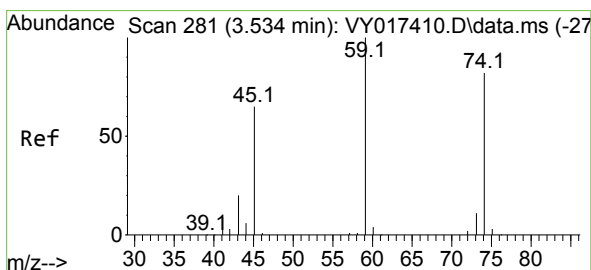
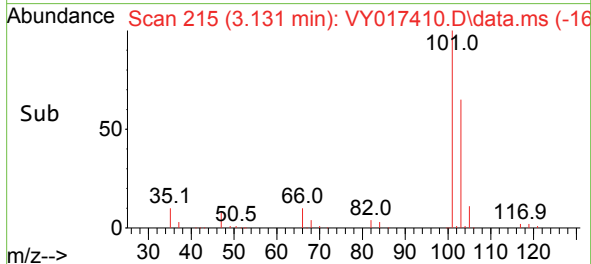
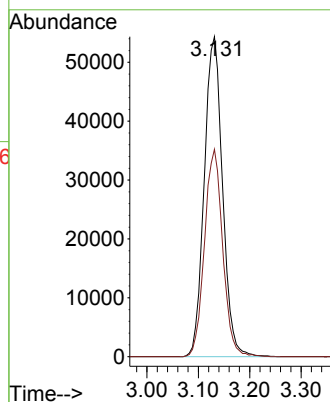
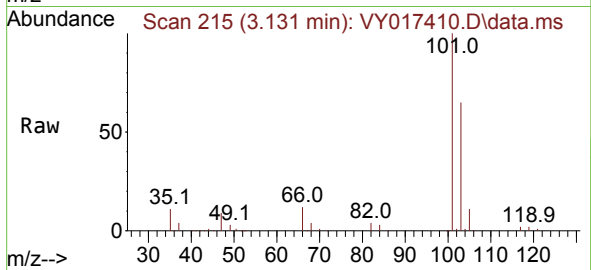




#7
 Trichlorofluoromethane
 Concen: 45.180 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY017410.D
 Acq: 19 Feb 2024 17:49

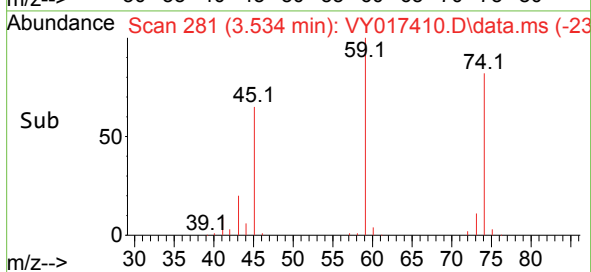
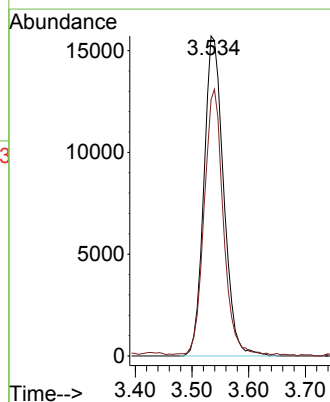
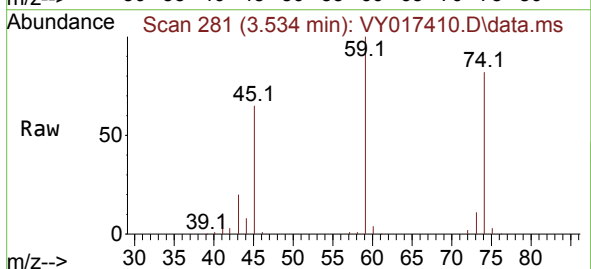
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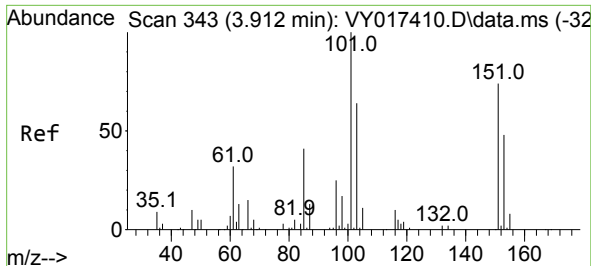
Tgt Ion:101 Resp: 134324
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 45.061 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 37866
 Ion Ratio Lower Upper
 74 100
 45 80.2 41.3 124.1

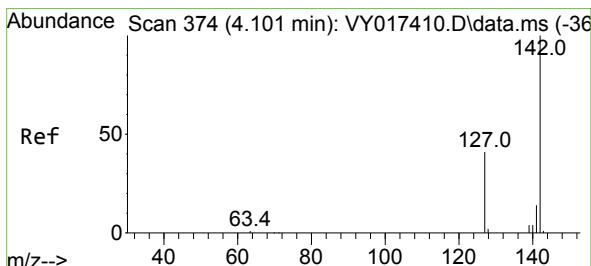
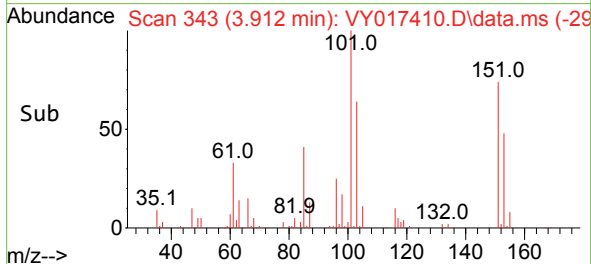
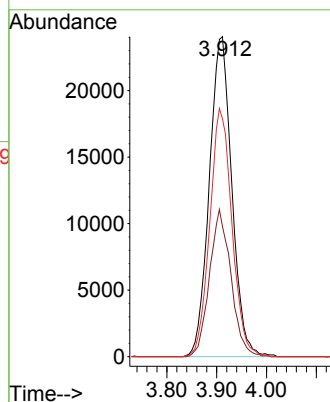
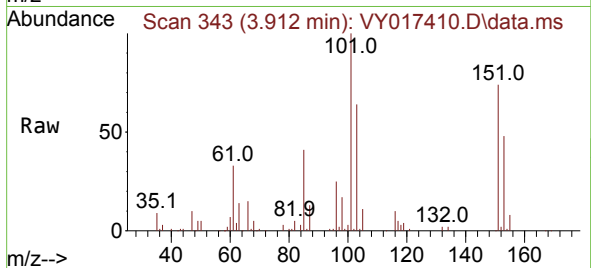




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.912 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

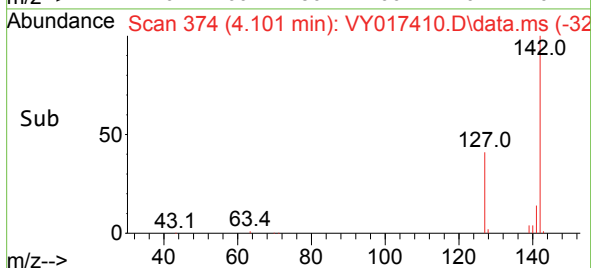
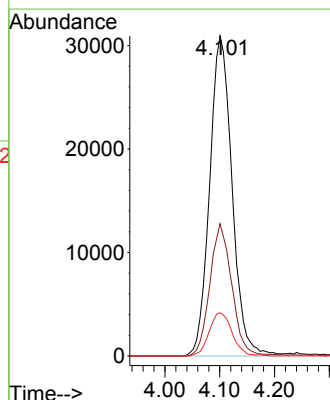
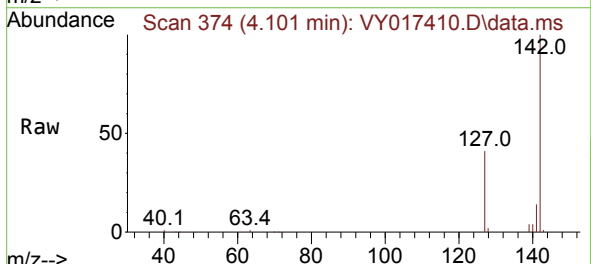
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

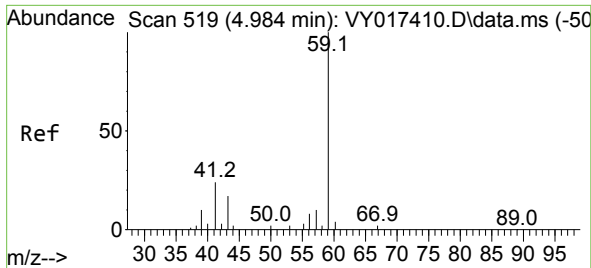
Tgt Ion:101 Resp: 75462
Ion Ratio Lower Upper
101 100
85 43.8 34.5 51.7
151 76.4 61.7 92.5



#10
Methyl Iodide
Concen: 47.975 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion:142 Resp: 87737
Ion Ratio Lower Upper
142 100
127 40.5 32.8 49.2
141 13.9 11.4 17.2

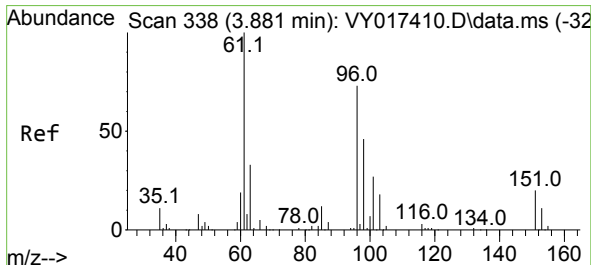
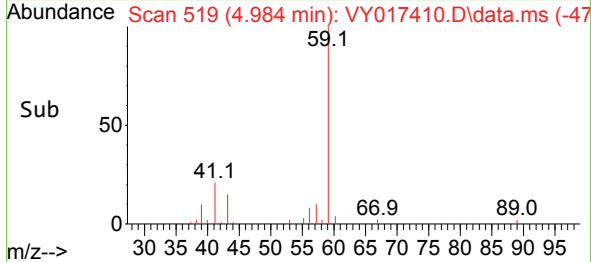
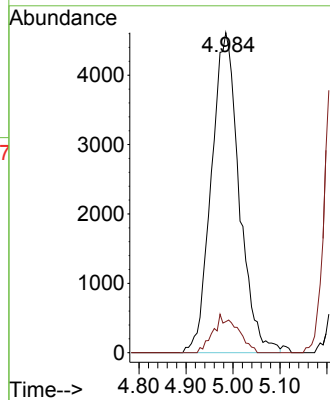
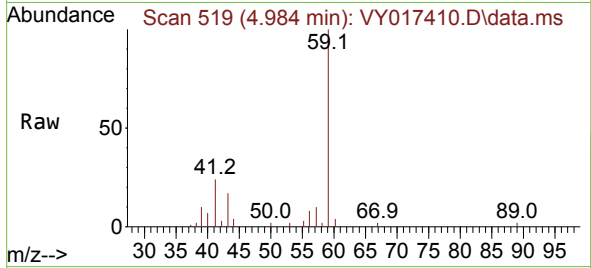




#11
Tert butyl alcohol
Concen: 174.578 ug/l
RT: 4.984 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

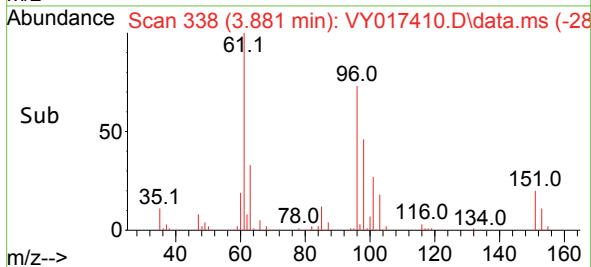
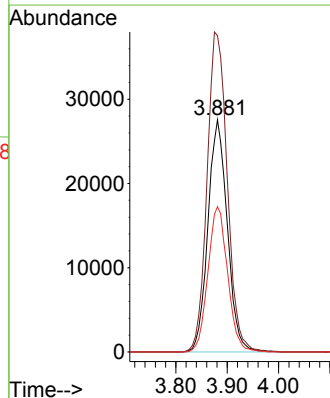
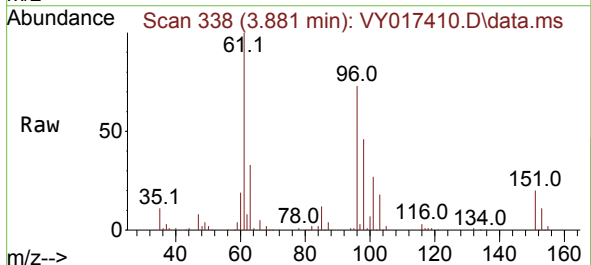
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

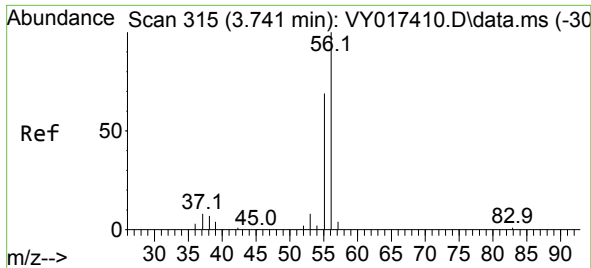
Tgt Ion: 59 Resp: 18973
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 44.765 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 96 Resp: 72305
Ion Ratio Lower Upper
96 100
61 136.2 114.6 171.8
98 62.5 50.8 76.2





#13

Acrolein

Concen: 204.285 ug/l

RT: 3.741 min Scan# 315

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

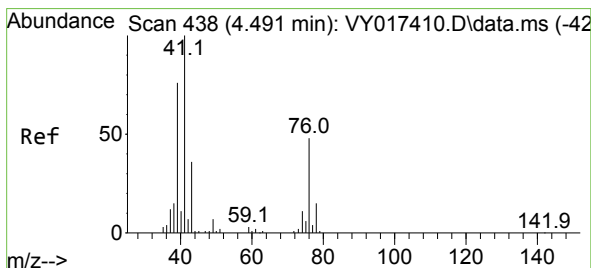
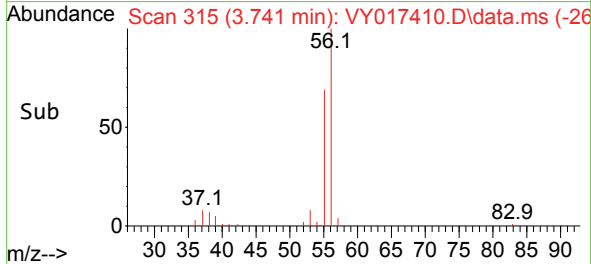
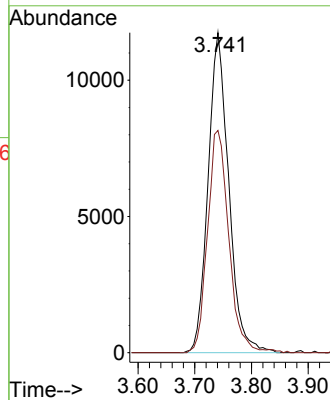
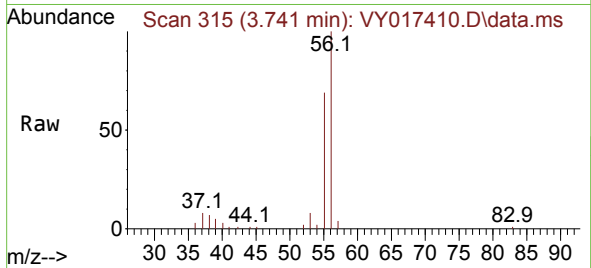
VSTDICCC050

Tgt Ion: 56 Resp: 29710

Ion Ratio Lower Upper

56 100

55 71.7 55.7 83.5



#14

Allyl chloride

Concen: 45.093 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

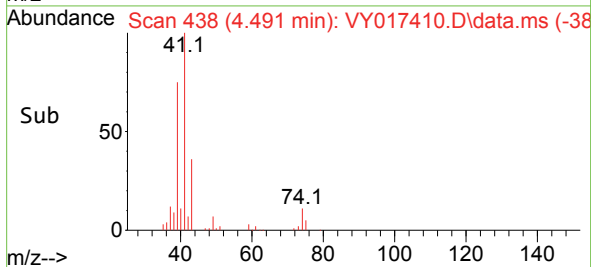
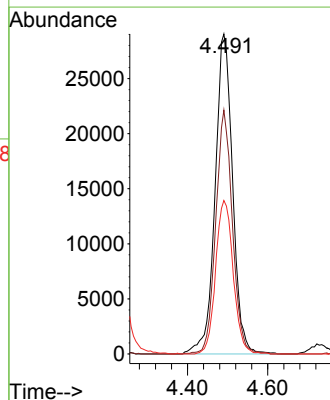
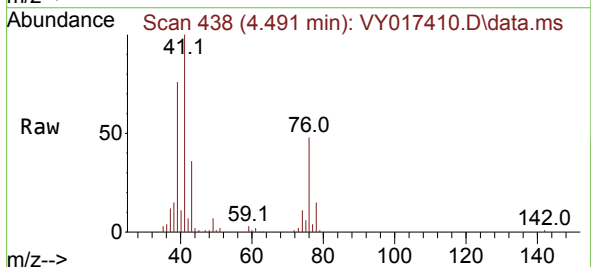
Tgt Ion: 41 Resp: 88283

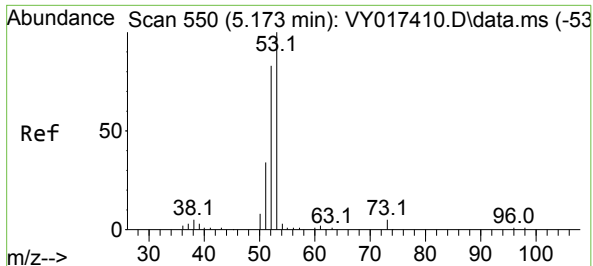
Ion Ratio Lower Upper

41 100

39 72.5 58.3 87.5

76 48.1 39.0 58.6

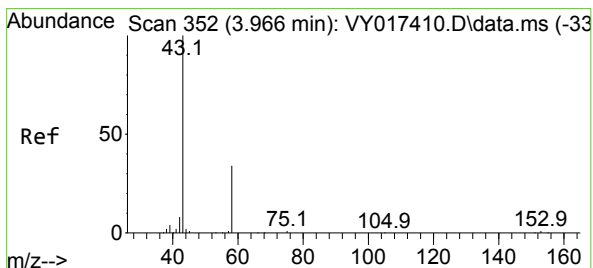
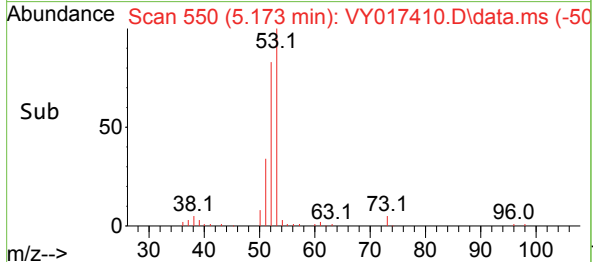
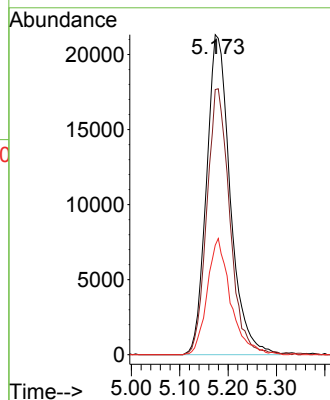
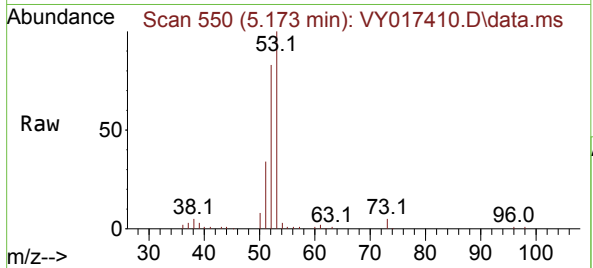




#15
Acrylonitrile
Concen: 217.537 ug/l
RT: 5.173 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

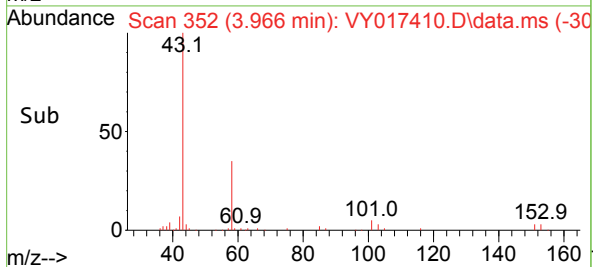
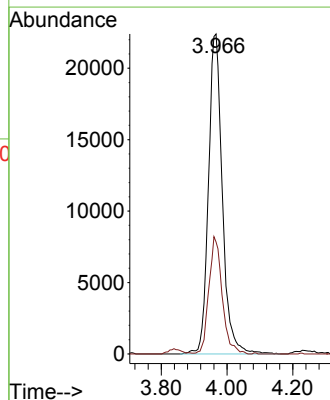
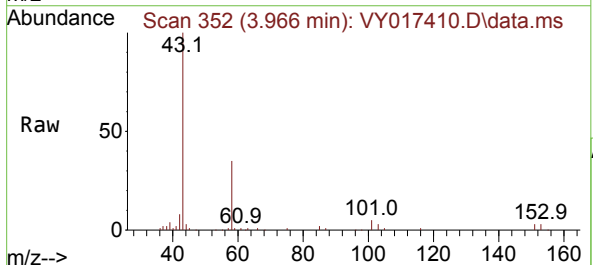
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

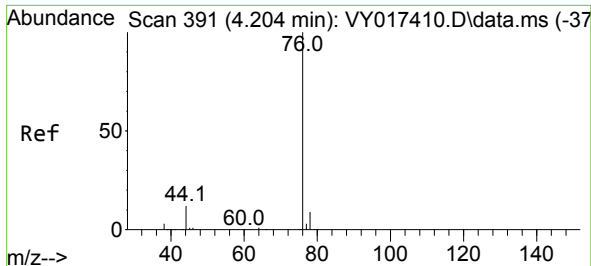
Tgt Ion:	53	Resp:	72676
Ion	Ratio	Lower	Upper
53	100		
52	80.2	64.7	97.1
51	36.0	28.4	42.6



#16
Acetone
Concen: 217.267 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion:	43	Resp:	65768
Ion	Ratio	Lower	Upper
43	100		
58	35.0	31.7	47.5





#17

Carbon Disulfide

Concen: 44.463 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

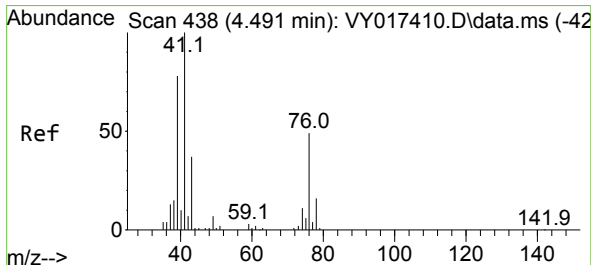
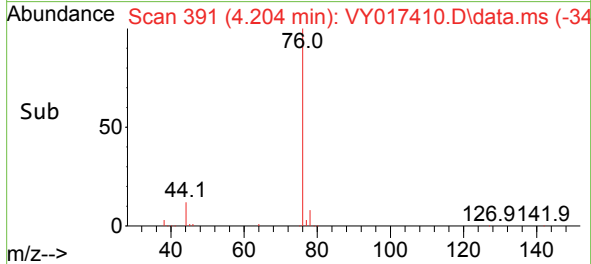
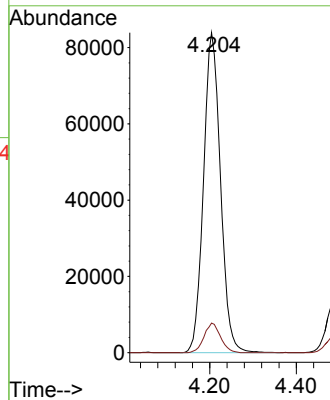
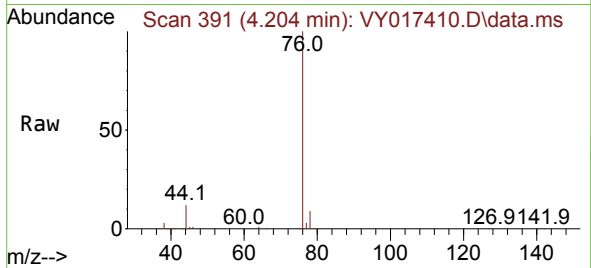
VSTDICCC050

Tgt Ion: 76 Resp: 228160

Ion Ratio Lower Upper

76 100

78 9.2 6.8 10.2



#18

Methyl Acetate

Concen: 45.026 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY017410.D

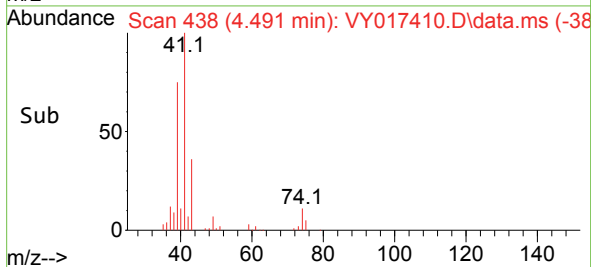
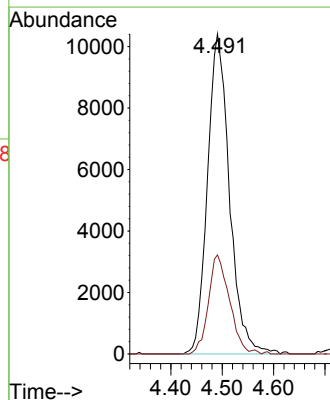
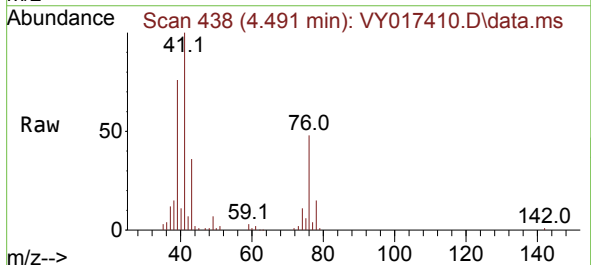
Acq: 19 Feb 2024 17:49

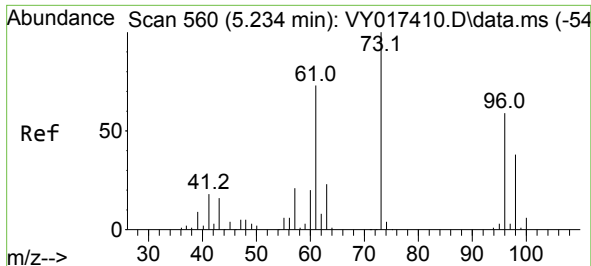
Tgt Ion: 43 Resp: 30907

Ion Ratio Lower Upper

43 100

74 29.7 23.3 34.9

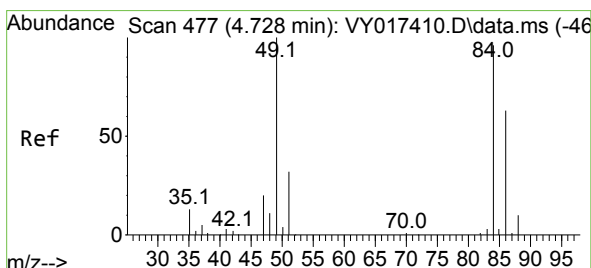
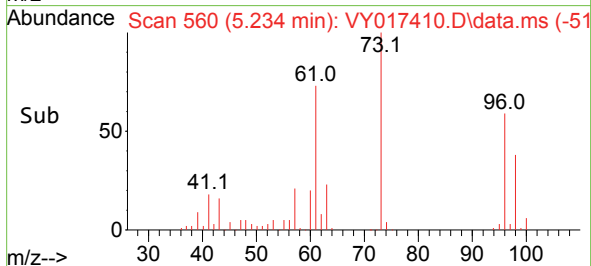
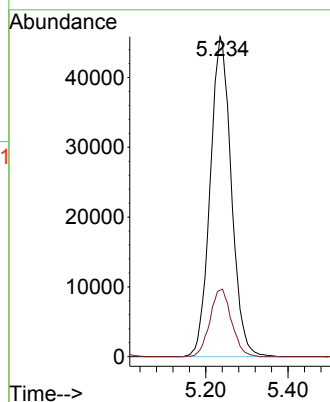
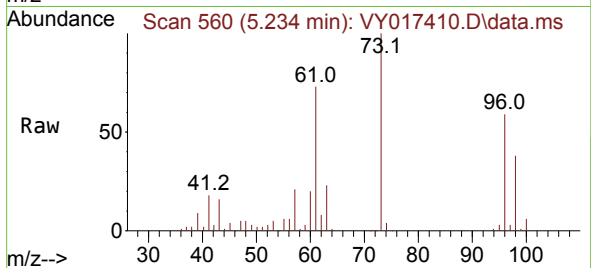




#19
Methyl tert-butyl Ether
Concen: 44.872 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

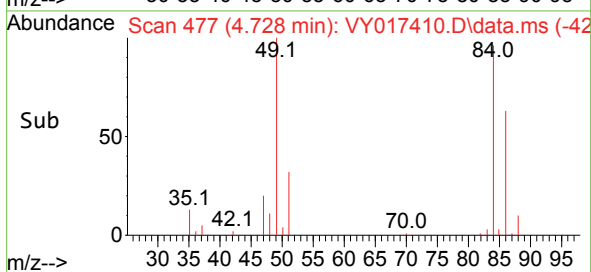
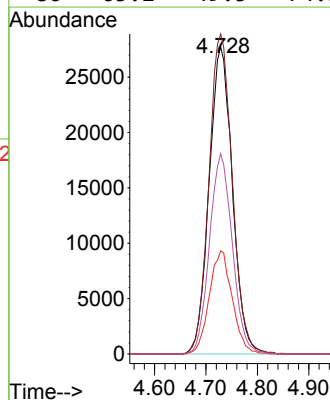
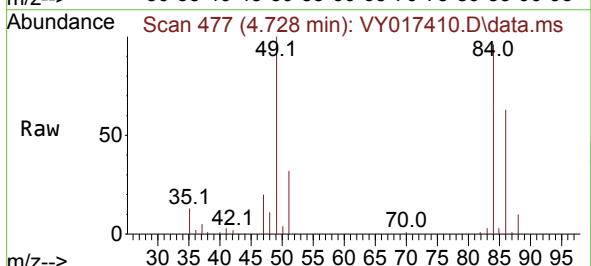
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

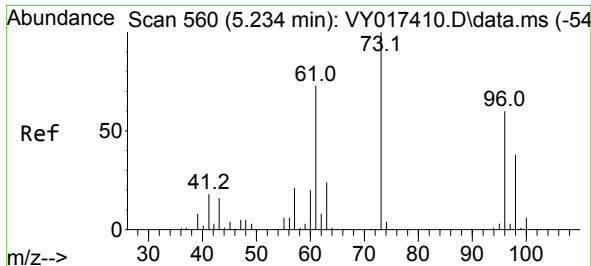
Tgt Ion: 73 Resp: 163717
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 46.425 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 84 Resp: 87150
Ion Ratio Lower Upper
84 100
49 104.2 84.4 126.6
51 33.6 26.0 39.0
86 65.2 49.5 74.3

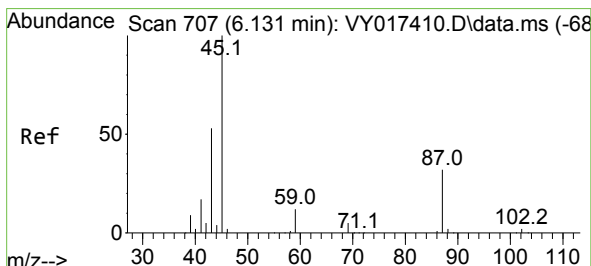
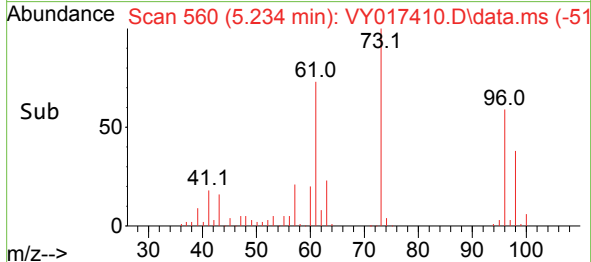
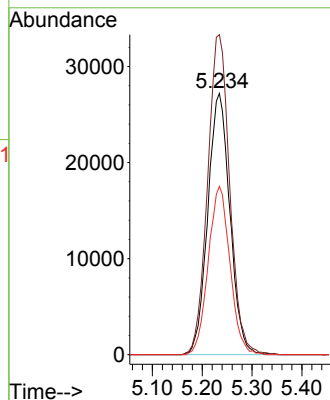
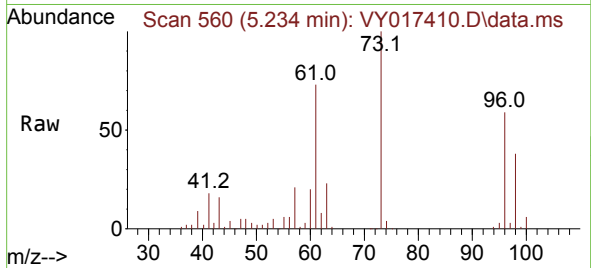




#21
trans-1,2-Dichloroethene
Concen: 44.849 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

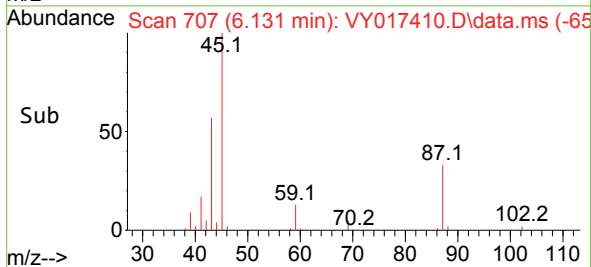
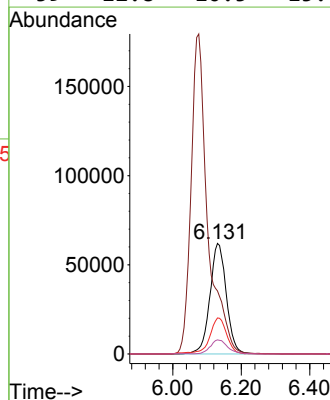
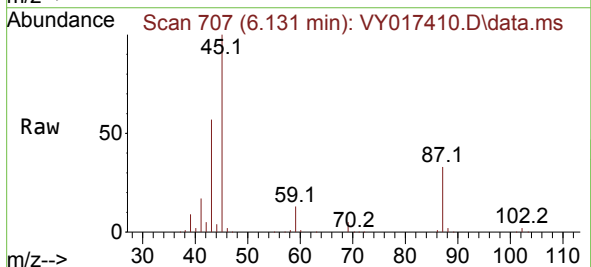
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

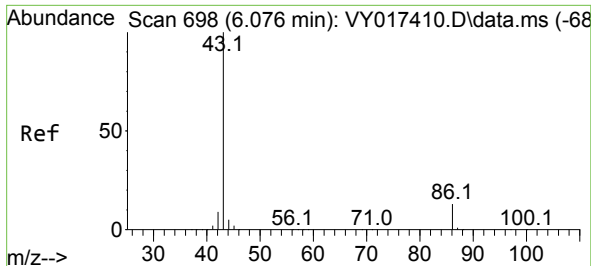
Tgt Ion: 96 Resp: 83787
Ion Ratio Lower Upper
96 100
61 122.5 97.5 146.3
98 64.4 50.5 75.7



#22
Diisopropyl ether
Concen: 45.886 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 45 Resp: 206619
Ion Ratio Lower Upper
45 100
43 56.8 42.2 63.2
87 32.6 25.0 37.6
59 12.8 10.5 15.7

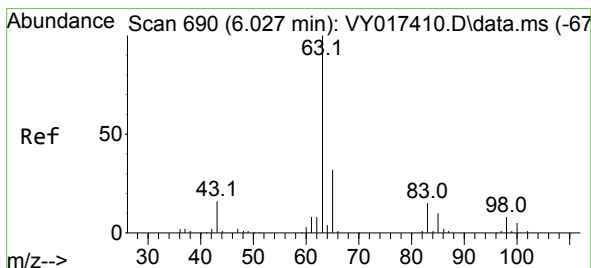
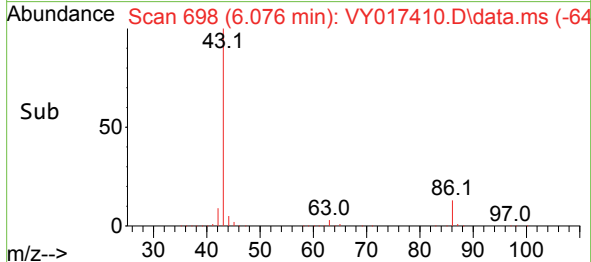
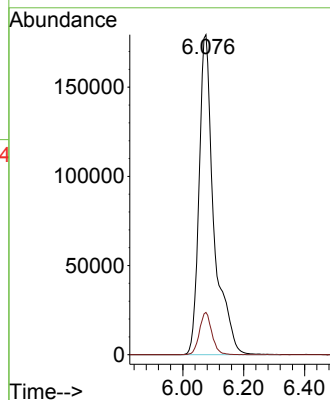
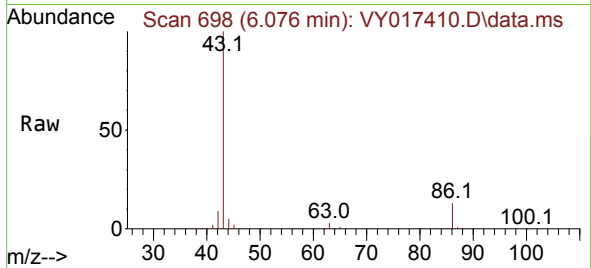




#23
 Vinyl Acetate
 Concen: 227.045 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY017410.D
 Acq: 19 Feb 2024 17:49

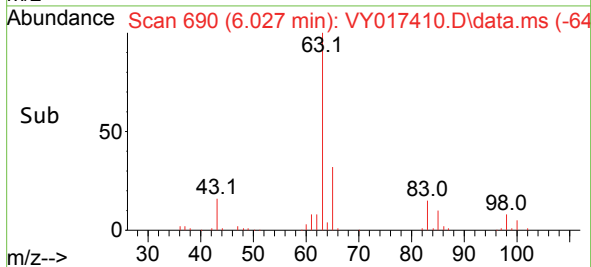
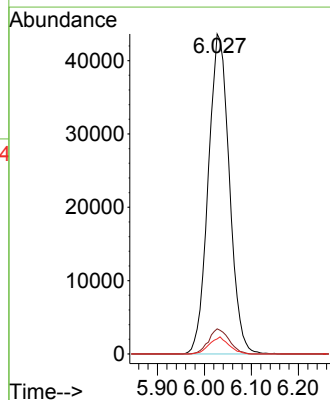
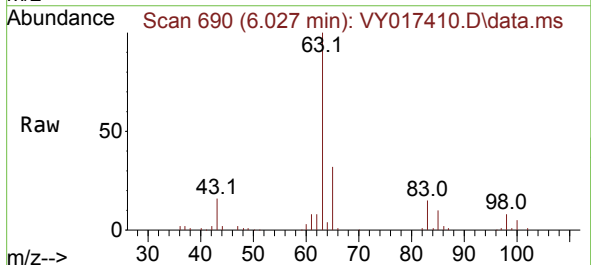
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

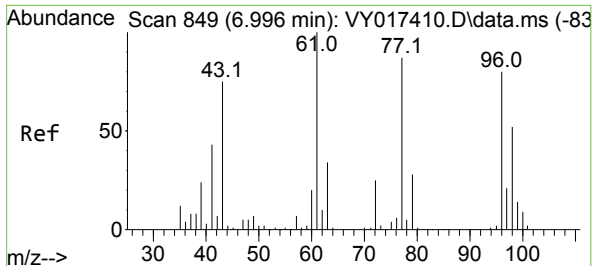
Tgt Ion: 43 Resp: 607587
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 44.474 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY017410.D
 Acq: 19 Feb 2024 17:49

Tgt Ion: 63 Resp: 135772
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 4.7 2.6 8.0





#25

2-Butanone

Concen: 216.014 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

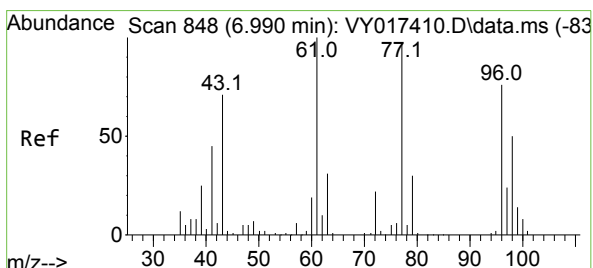
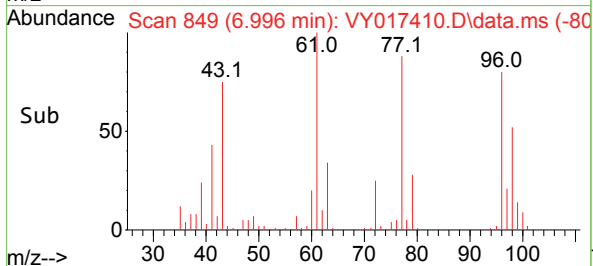
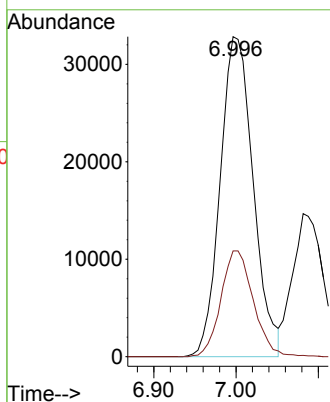
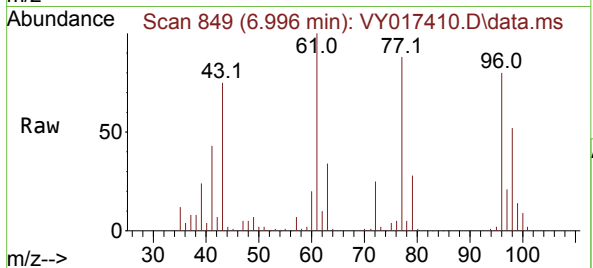
VSTDICCC050

Tgt Ion: 43 Resp: 91786

Ion Ratio Lower Upper

43 100

72 33.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 44.613 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY017410.D

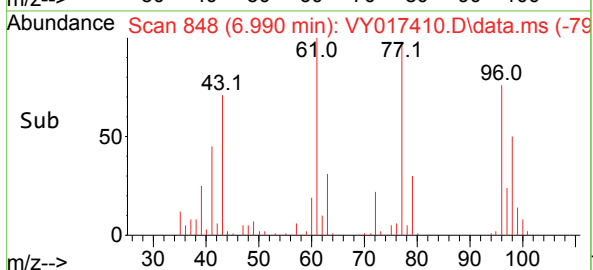
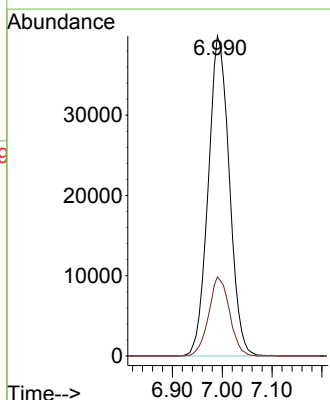
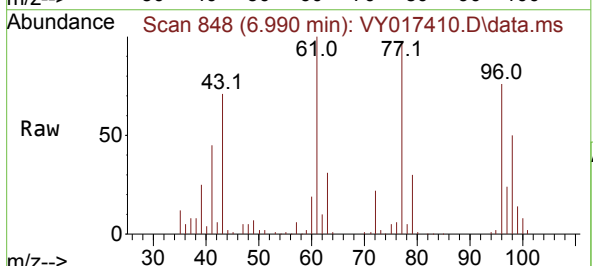
Acq: 19 Feb 2024 17:49

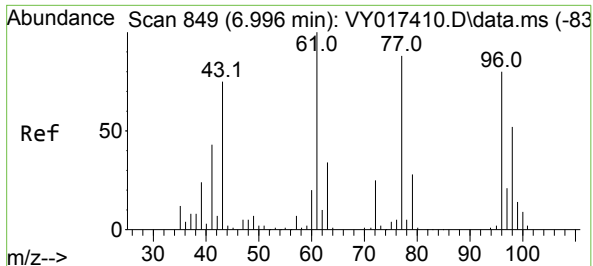
Tgt Ion: 77 Resp: 117190

Ion Ratio Lower Upper

77 100

97 24.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 44.940 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

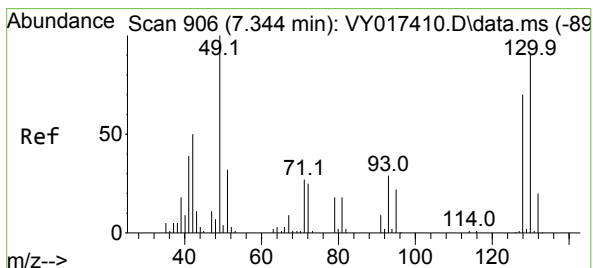
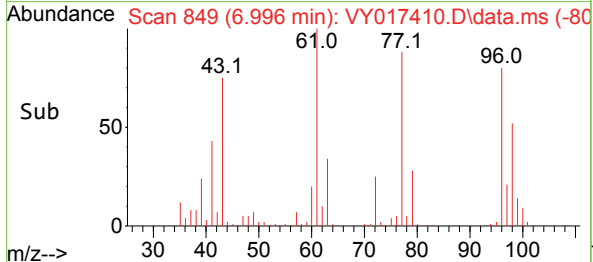
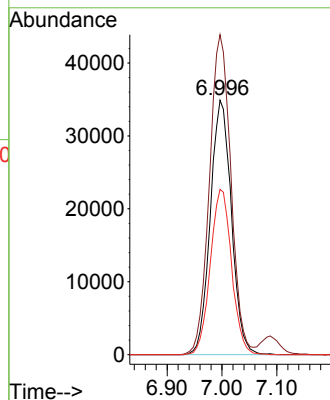
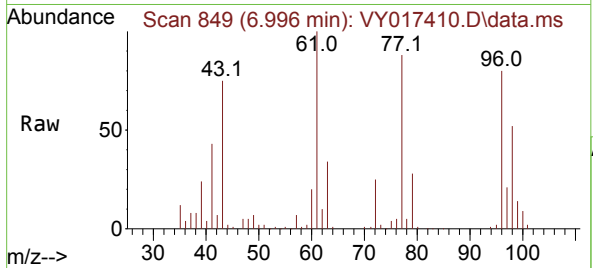
Tgt Ion: 96 Resp: 93250

Ion Ratio Lower Upper

96 100

61 128.1 0.0 256.2

98 65.4 0.0 130.0



#28

Bromochloromethane

Concen: 50.211 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

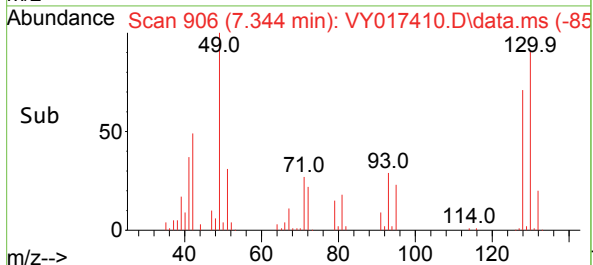
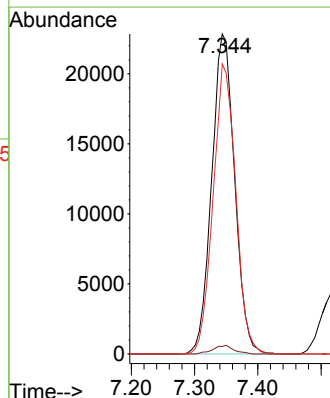
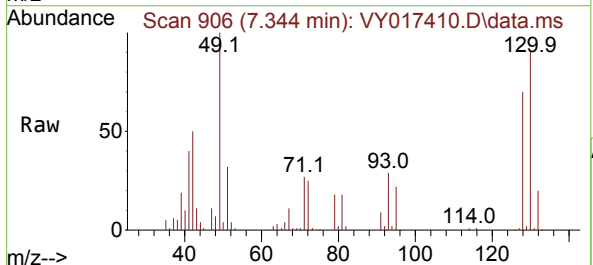
Tgt Ion: 49 Resp: 57512

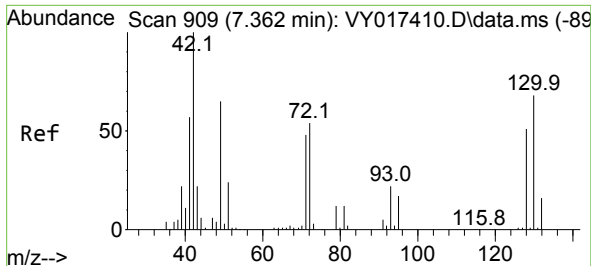
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 89.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 219.901 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

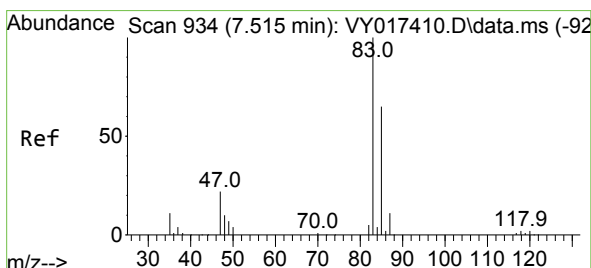
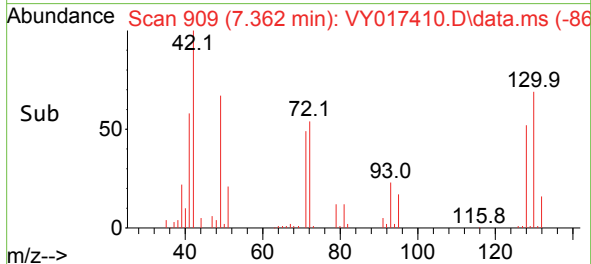
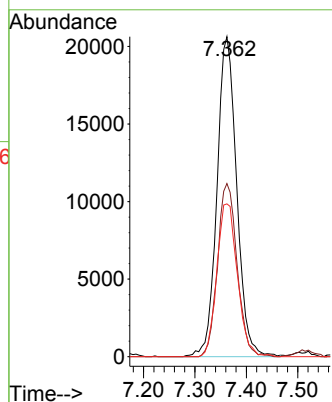
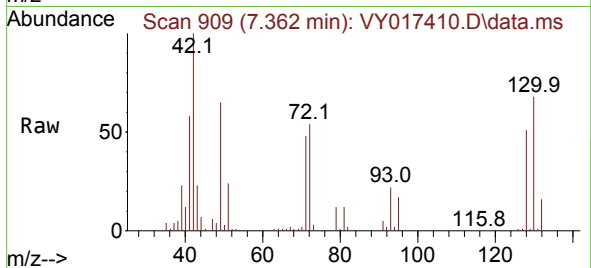
Tgt Ion: 42 Resp: 54928

Ion Ratio Lower Upper

42 100

72 53.7 43.0 64.4

71 49.8 40.8 61.2



#30

Chloroform

Concen: 44.375 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY017410.D

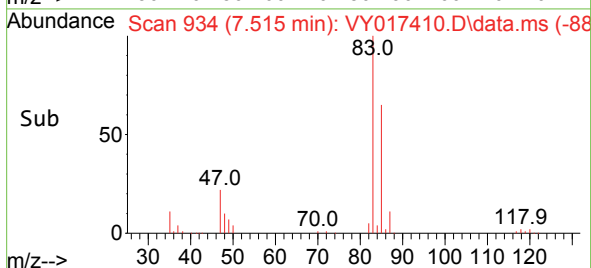
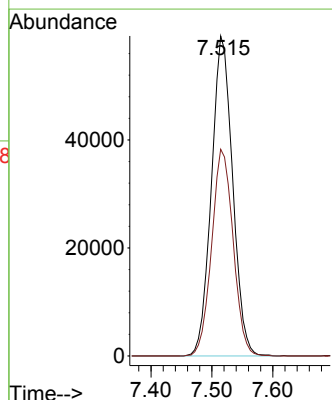
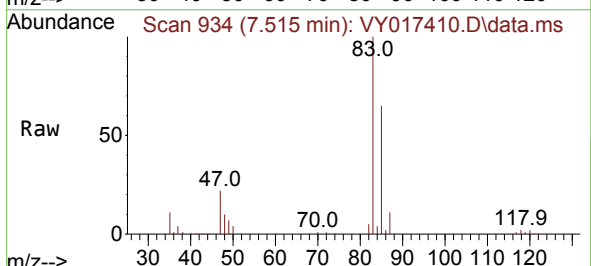
Acq: 19 Feb 2024 17:49

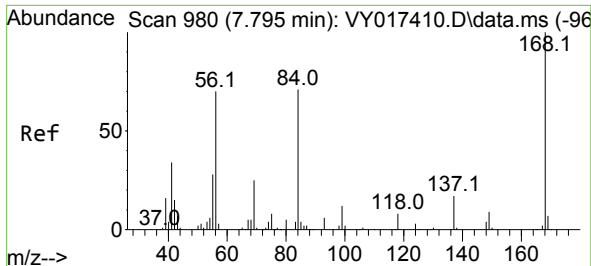
Tgt Ion: 83 Resp: 143005

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4

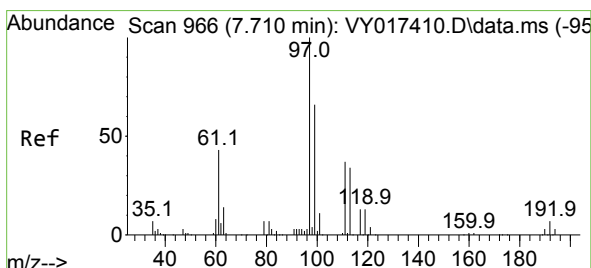
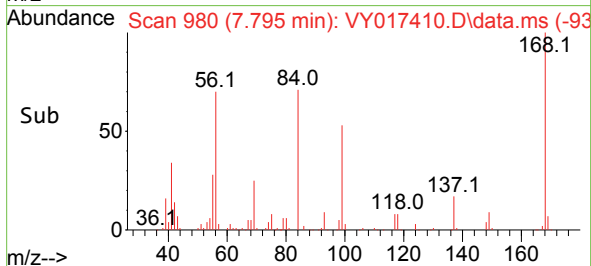
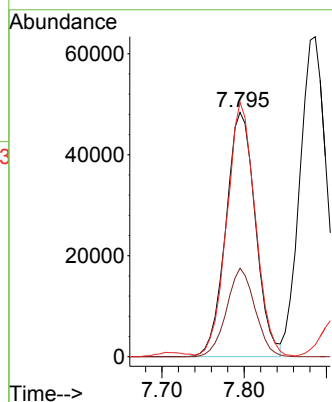
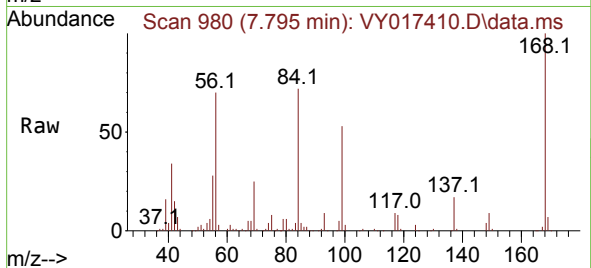




#31
Cyclohexane
Concen: 43.813 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

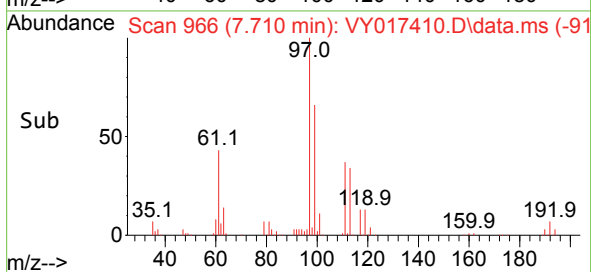
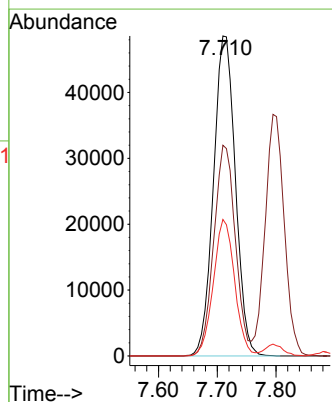
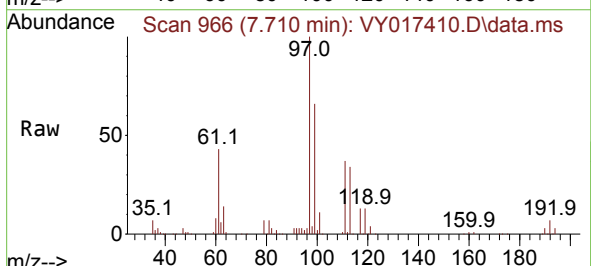
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

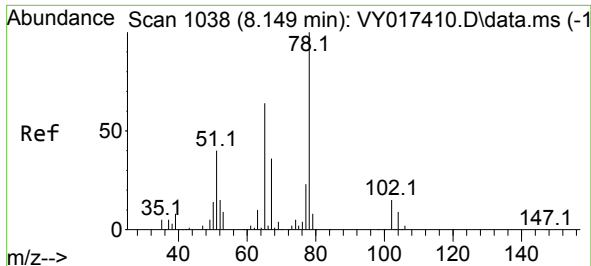
Tgt Ion: 56 Resp: 121230
Ion Ratio Lower Upper
56 100
69 36.2 28.7 43.1
84 102.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 44.250 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 97 Resp: 125954
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 41.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.584 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

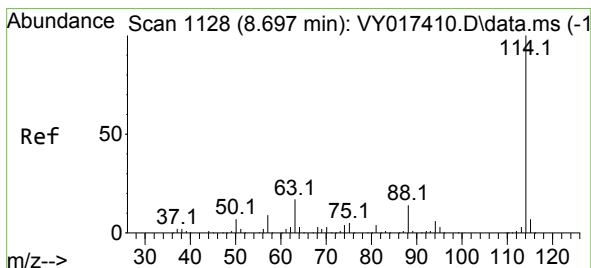
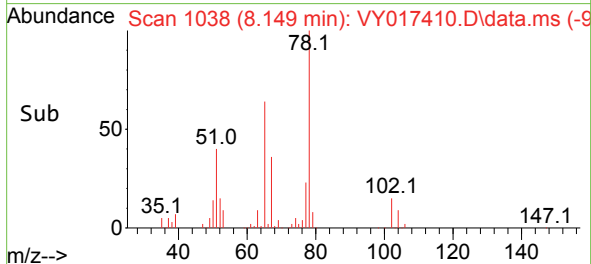
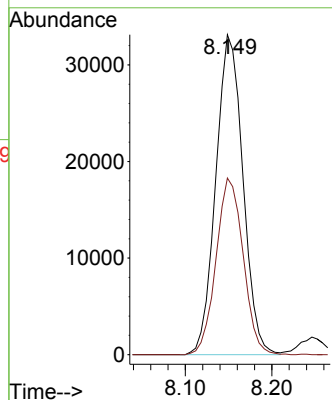
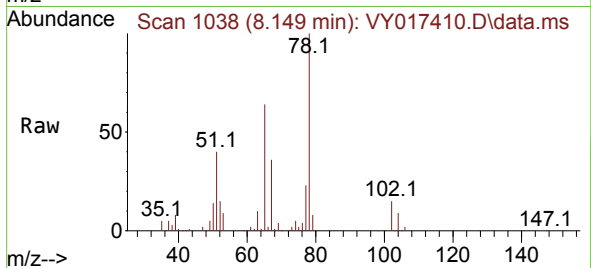
VSTDICCC050

Tgt Ion: 65 Resp: 72100

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

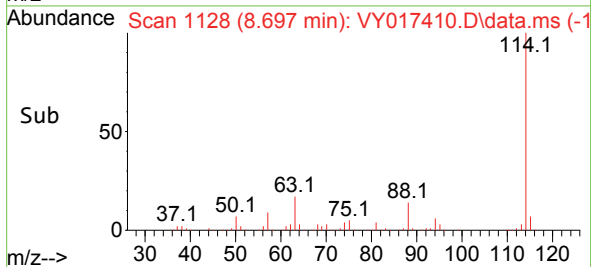
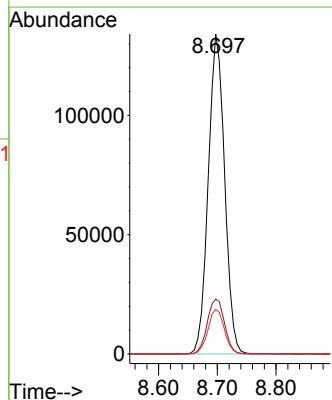
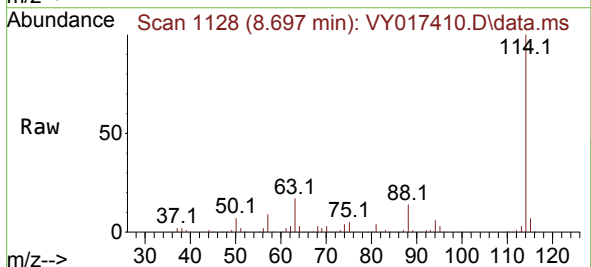
Tgt Ion: 114 Resp: 259260

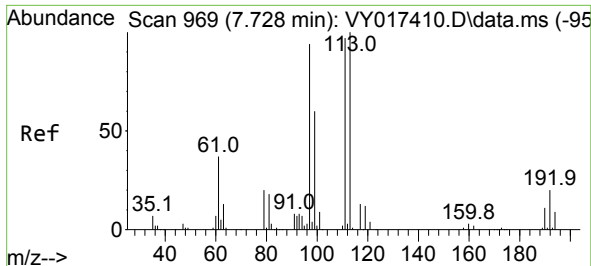
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.9 0.0 27.2

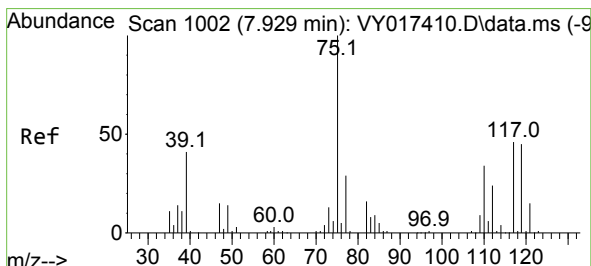
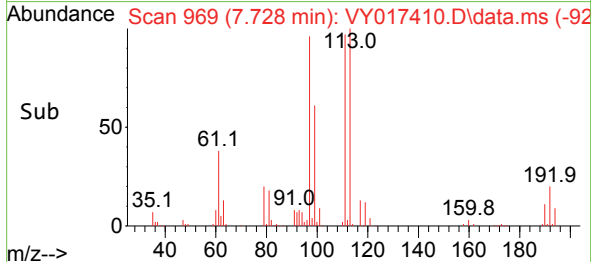
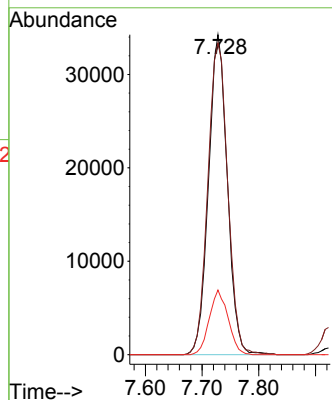
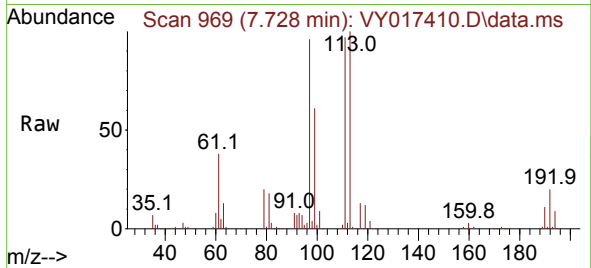




#35
Dibromofluoromethane
Concen: 52.015 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

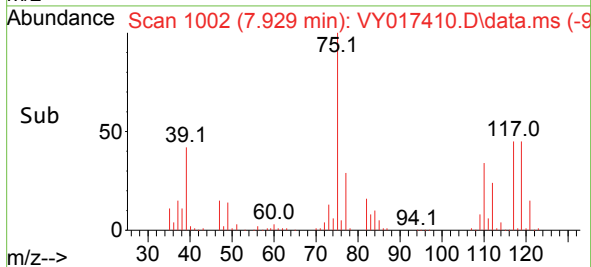
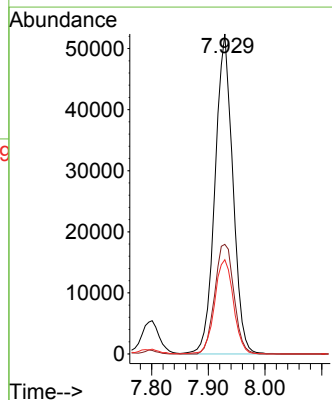
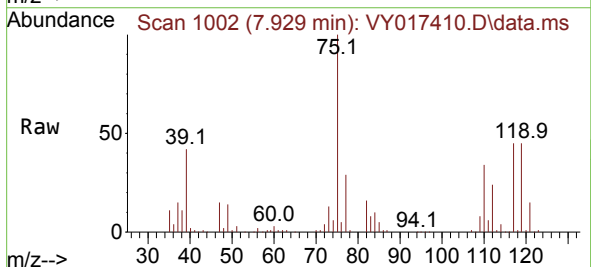
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

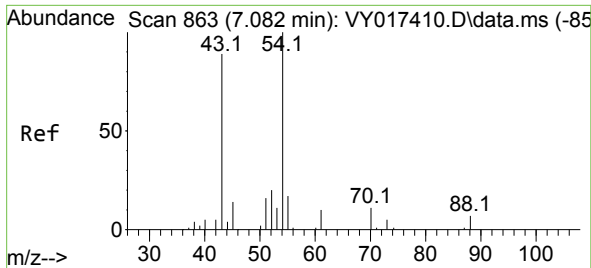
Tgt Ion:113 Resp: 78939
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 20.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 44.957 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 75 Resp: 113950
Ion Ratio Lower Upper
75 100
110 37.1 19.0 57.0
77 31.3 25.3 37.9

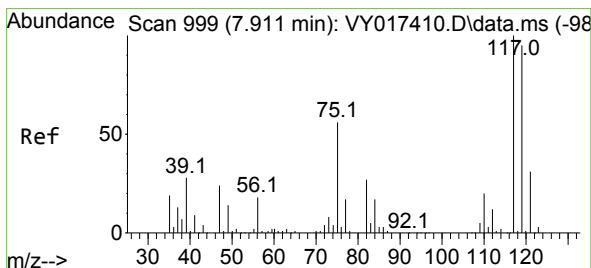
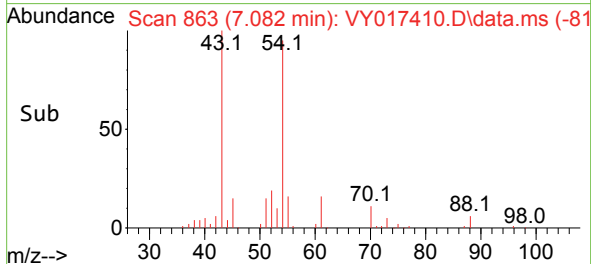
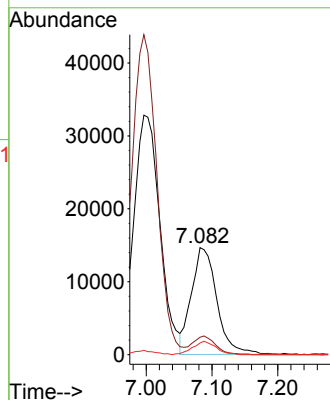
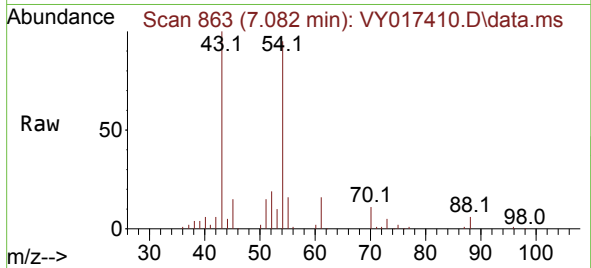




#37
Ethyl Acetate
Concen: 42.642 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

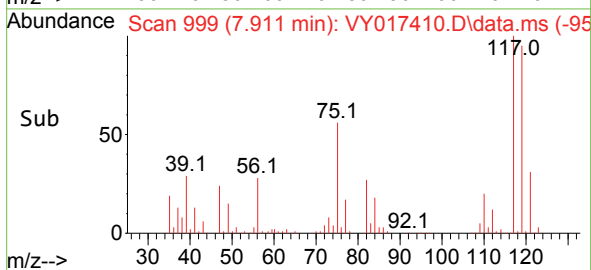
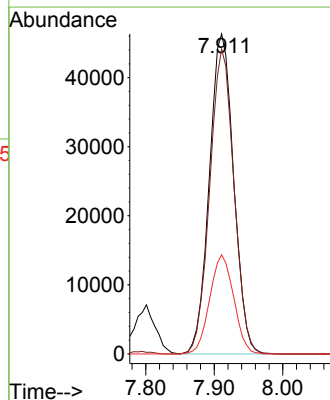
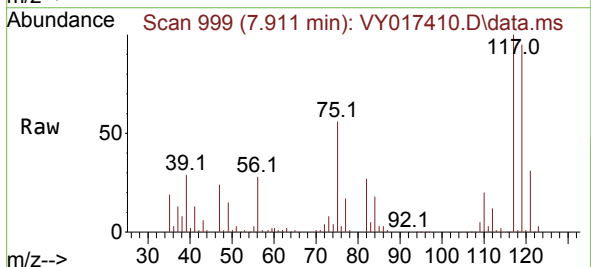
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

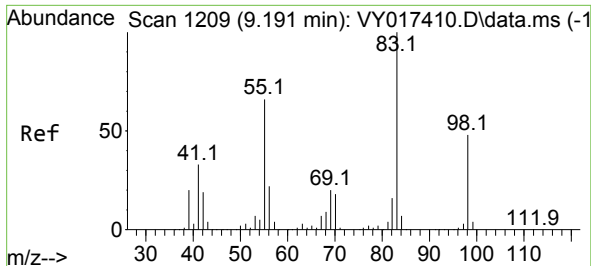
Tgt Ion:	43	Resp:	39355
Ion	Ratio	Lower	Upper
43	100		
61	15.9	12.6	19.0
70	11.4	7.8	11.8



#38
Carbon Tetrachloride
Concen: 45.275 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion:	117	Resp:	114252
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.6
121	31.0	24.0	36.0





#39

Methylcyclohexane

Concen: 46.310 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

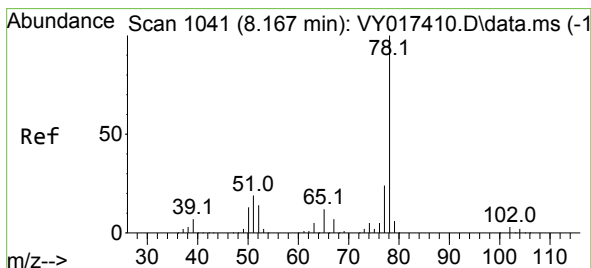
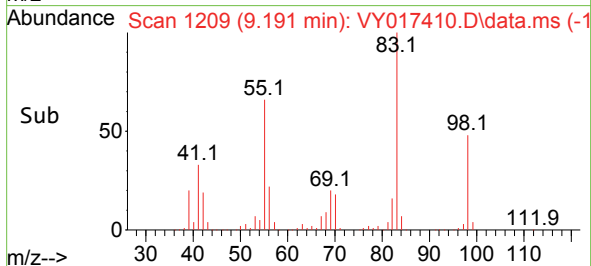
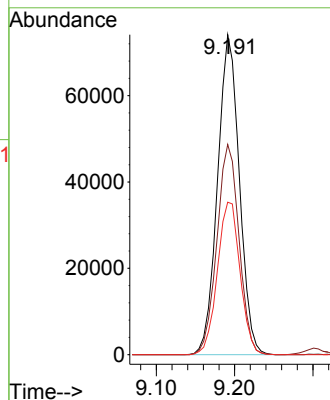
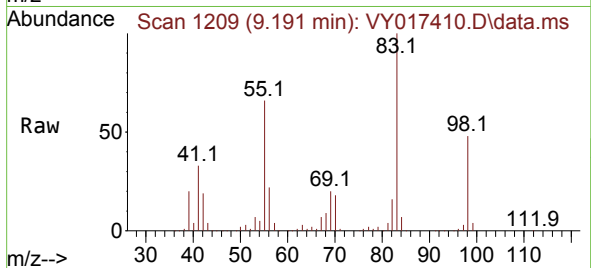
Tgt Ion: 83 Resp: 143678

Ion Ratio Lower Upper

83 100

55 65.7 51.5 77.3

98 47.6 40.5 60.7



#40

Benzene

Concen: 45.243 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY017410.D

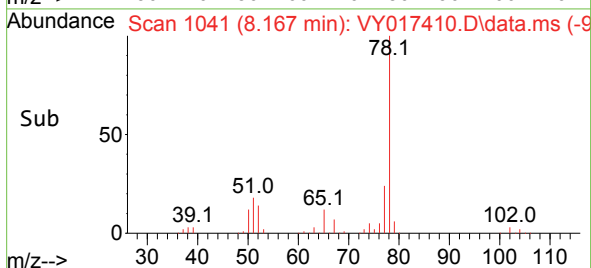
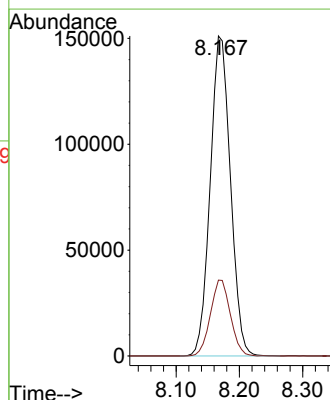
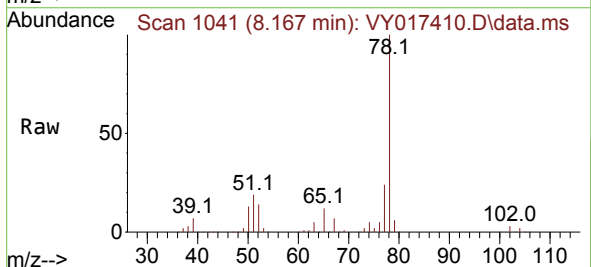
Acq: 19 Feb 2024 17:49

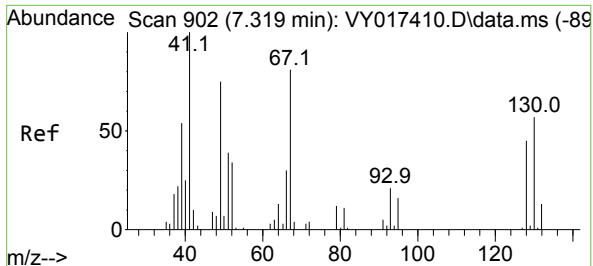
Tgt Ion: 78 Resp: 335040

Ion Ratio Lower Upper

78 100

77 23.7 19.5 29.3

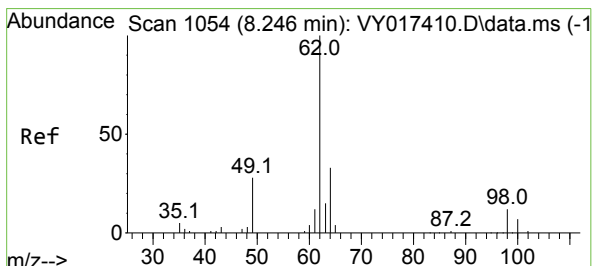
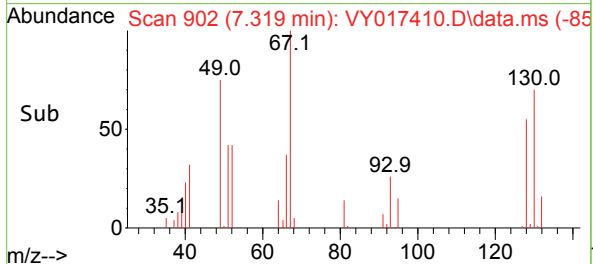
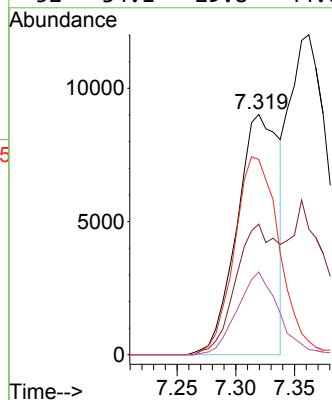
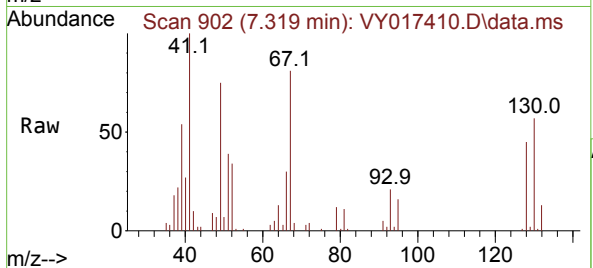




#41
Methacrylonitrile
Concen: 49.780 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

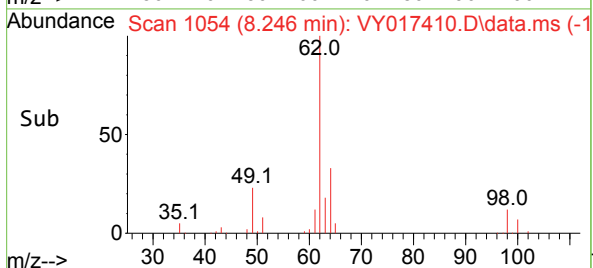
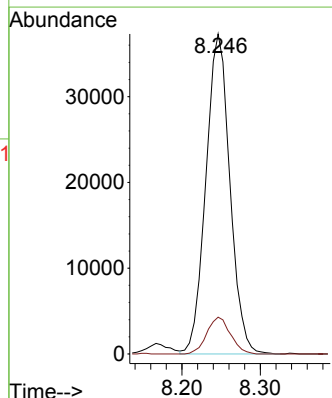
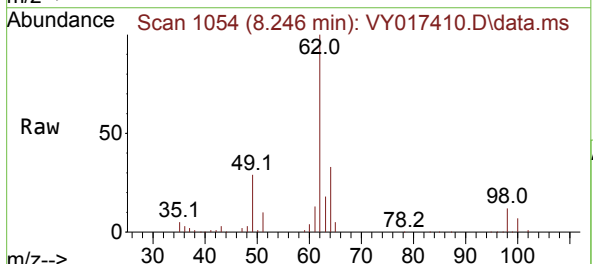
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

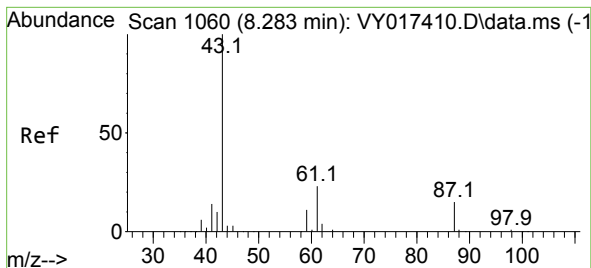
Tgt Ion: 41 Resp: 22437
Ion Ratio Lower Upper
41 100
39 54.2 48.0 72.0
67 88.6 75.1 112.7
52 34.1 29.8 44.6



#42
1,2-Dichloroethane
Concen: 44.183 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 62 Resp: 79421
Ion Ratio Lower Upper
62 100
98 11.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 45.177 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

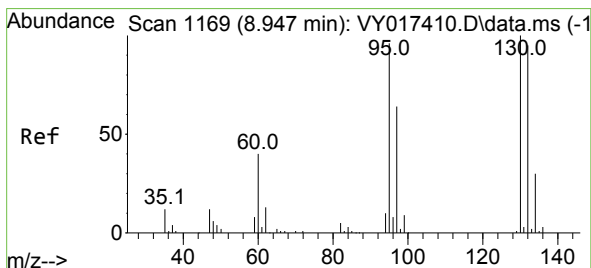
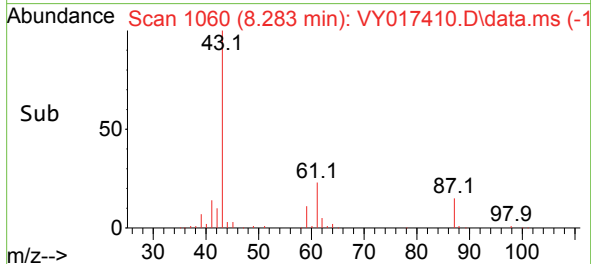
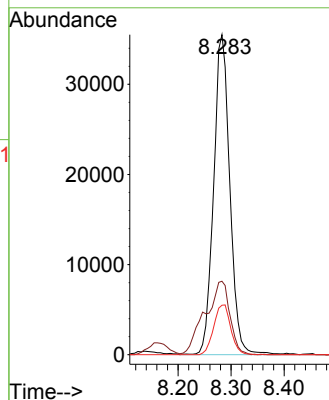
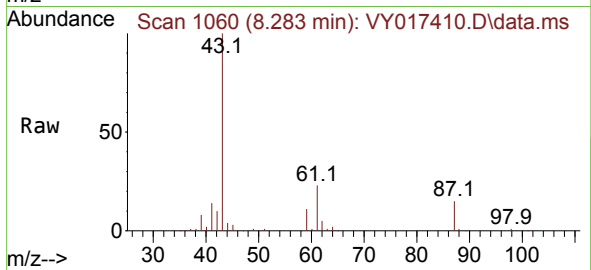
Tgt Ion: 43 Resp: 75347

Ion Ratio Lower Upper

43 100

61 35.0 27.9 41.9

87 16.4 13.1 19.7



#44

Trichloroethene

Concen: 44.690 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY017410.D

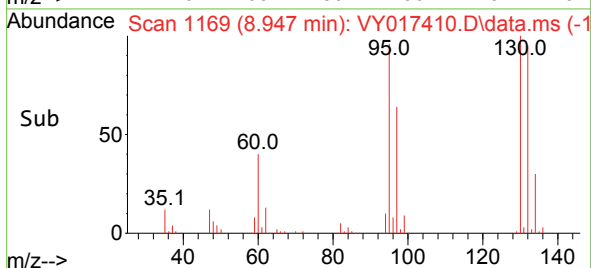
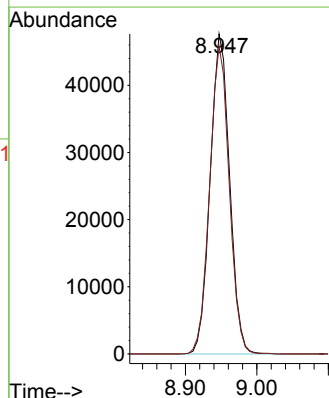
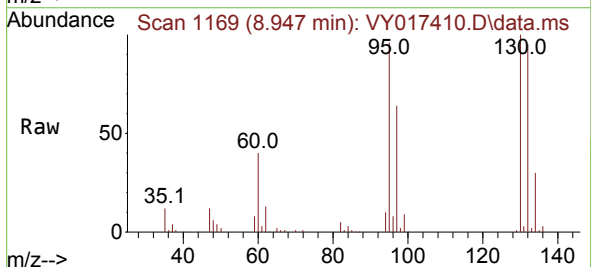
Acq: 19 Feb 2024 17:49

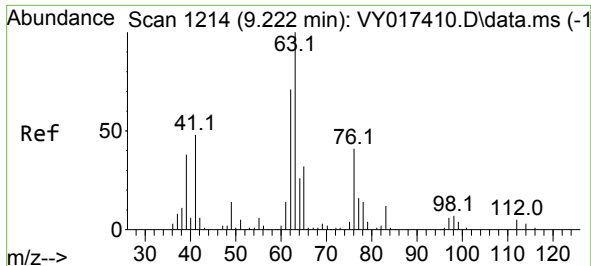
Tgt Ion:130 Resp: 89705

Ion Ratio Lower Upper

130 100

95 96.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 45.558 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

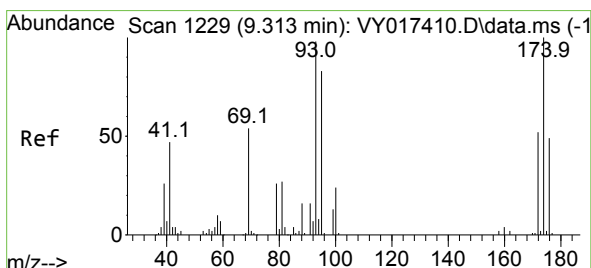
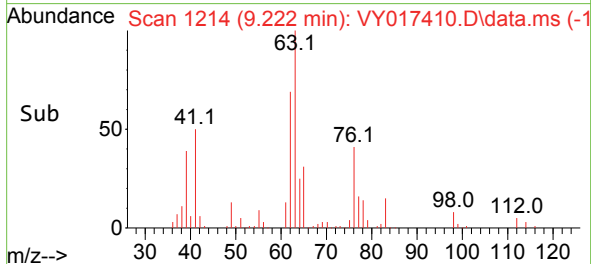
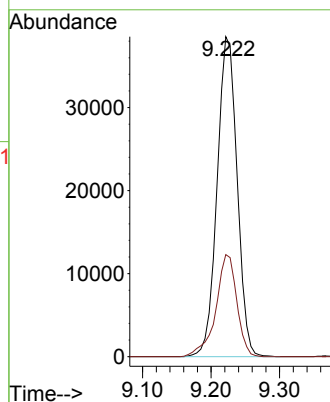
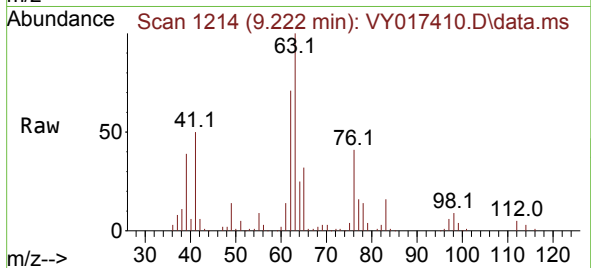
VSTDICCC050

Tgt Ion: 63 Resp: 77987

Ion Ratio Lower Upper

63 100

65 31.9 25.4 38.2



#46

Dibromomethane

Concen: 44.128 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

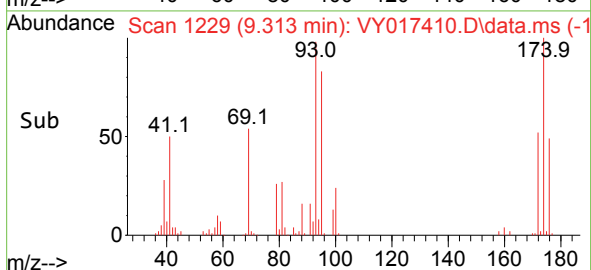
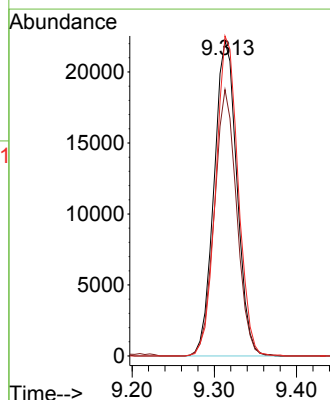
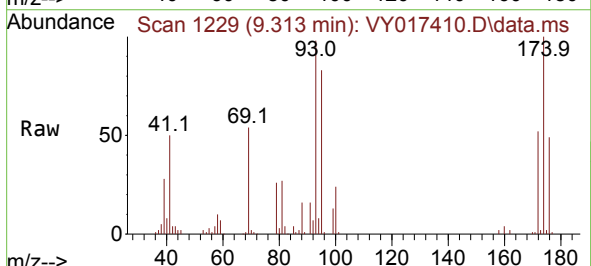
Tgt Ion: 93 Resp: 42935

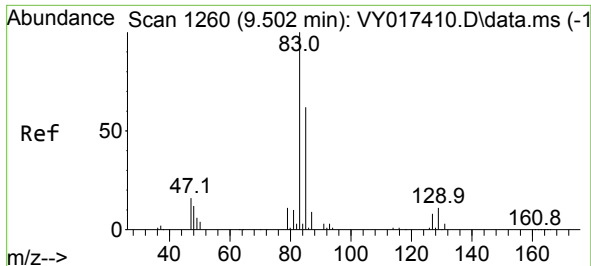
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 99.0 80.9 121.3

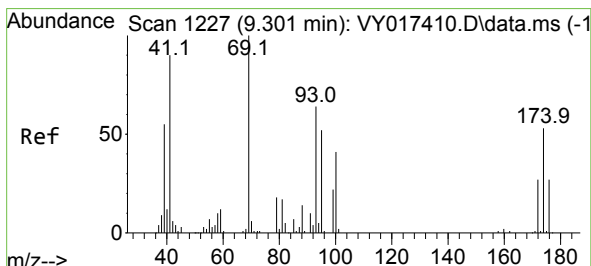
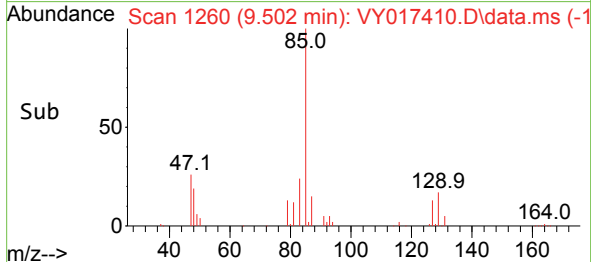
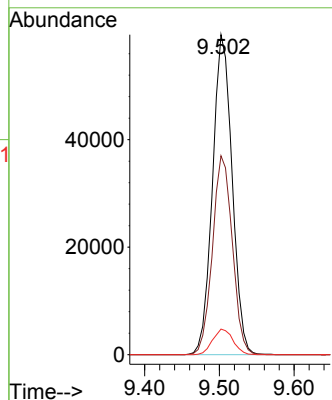
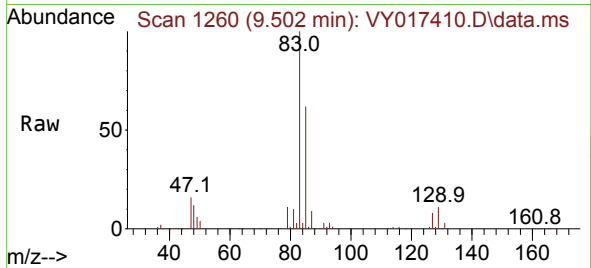




#47
Bromodichloromethane
Concen: 45.374 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

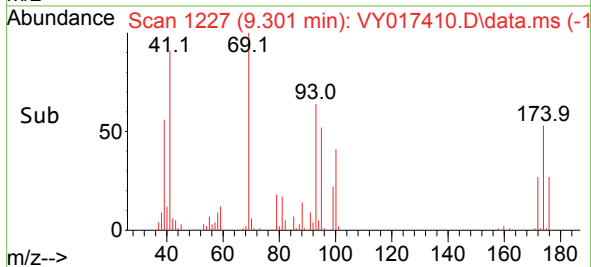
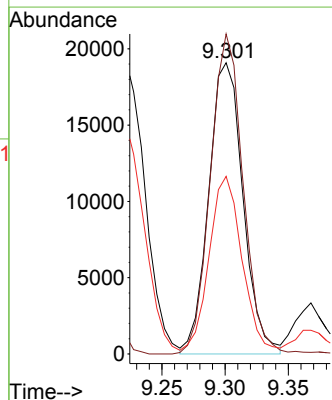
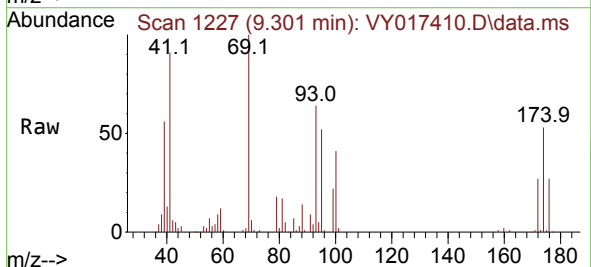
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

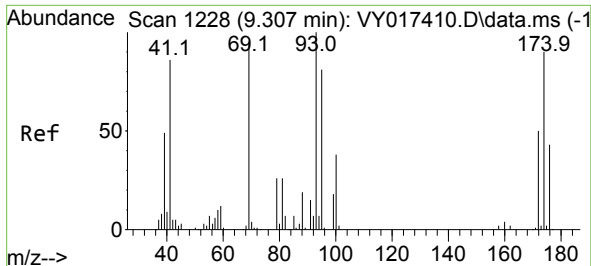
Tgt Ion: 83 Resp: 108544
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 8.0 7.4 11.0



#48
Methyl methacrylate
Concen: 46.091 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 41 Resp: 36067
Ion Ratio Lower Upper
41 100
69 104.6 84.1 126.1
39 56.7 43.6 65.4

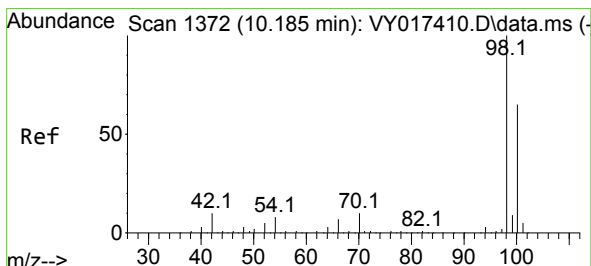
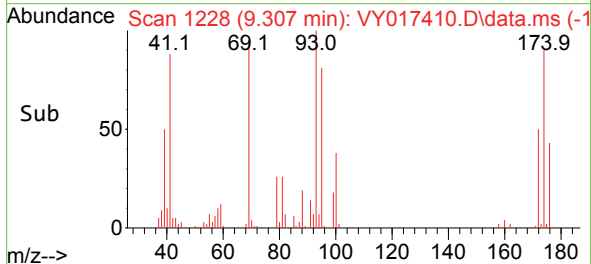
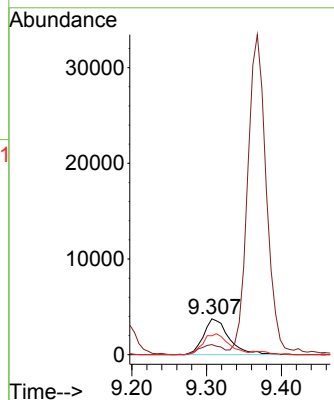
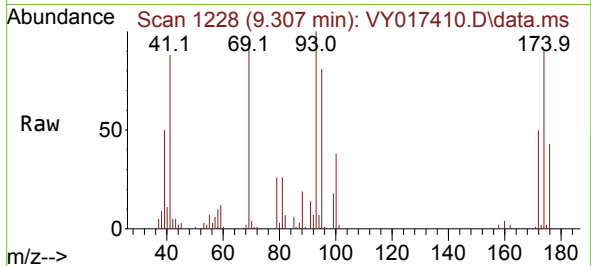




#49
1,4-Dioxane
Concen: 875.165 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

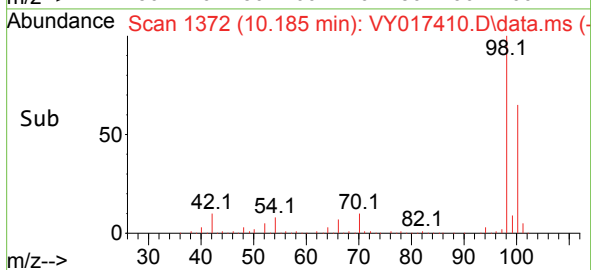
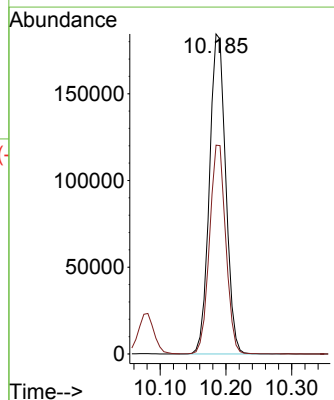
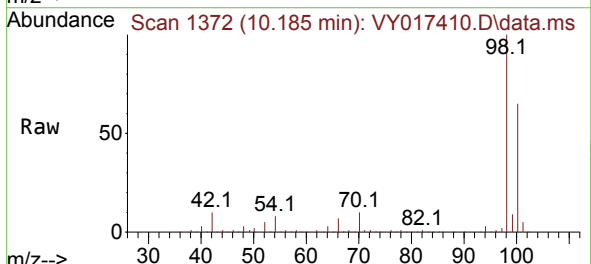
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

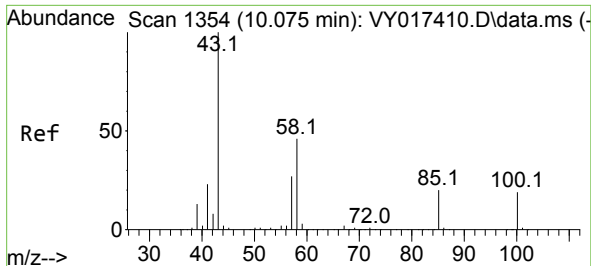
Tgt Ion: 88 Resp: 8906
Ion Ratio Lower Upper
88 100
43 24.2 0.0 0.0#
58 59.1 49.3 73.9



#50
Toluene-d8
Concen: 53.957 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 98 Resp: 317581
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 226.496 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

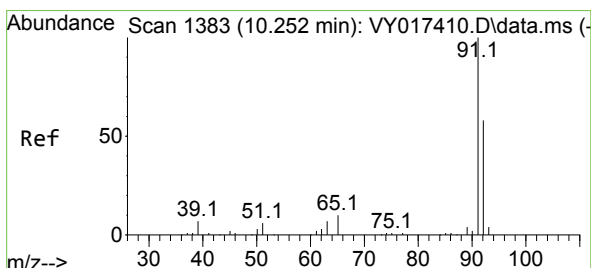
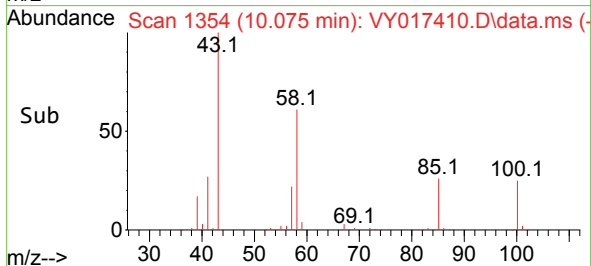
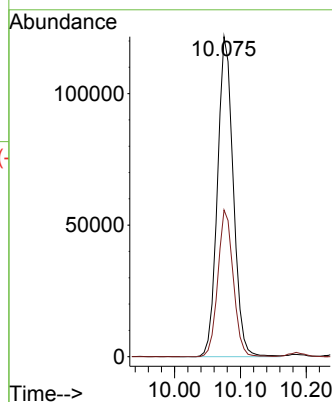
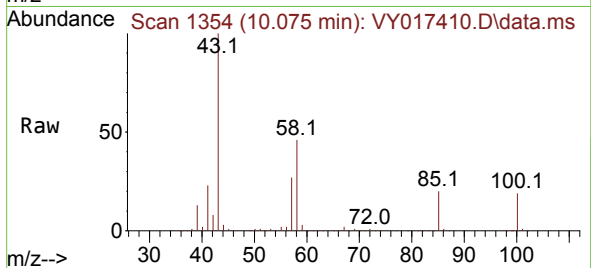
VSTDICCC050

Tgt Ion: 43 Resp: 203545

Ion Ratio Lower Upper

43 100

58 44.7 35.7 53.5



#52

Toluene

Concen: 46.006 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VY017410.D

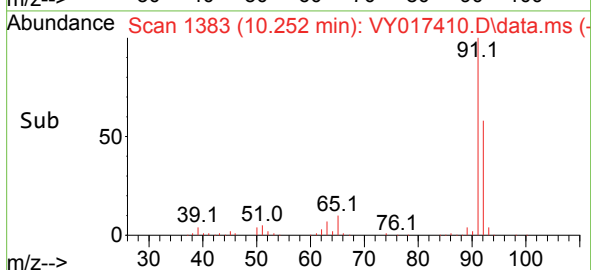
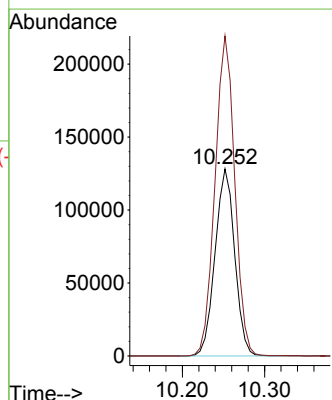
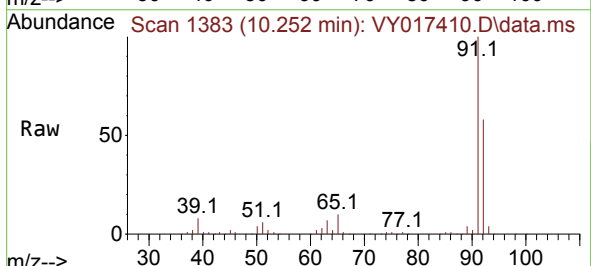
Acq: 19 Feb 2024 17:49

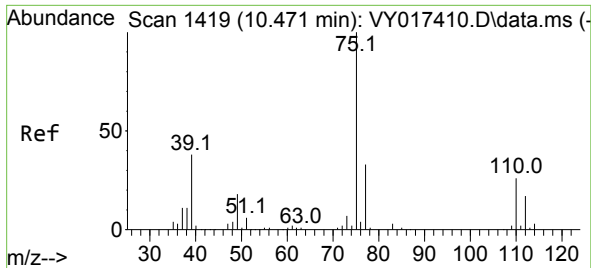
Tgt Ion: 92 Resp: 212689

Ion Ratio Lower Upper

92 100

91 172.2 139.0 208.6

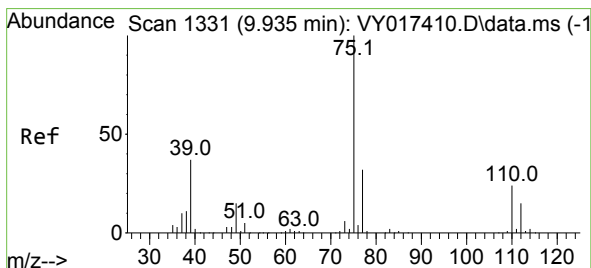
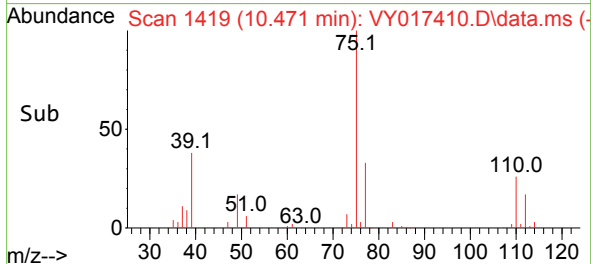
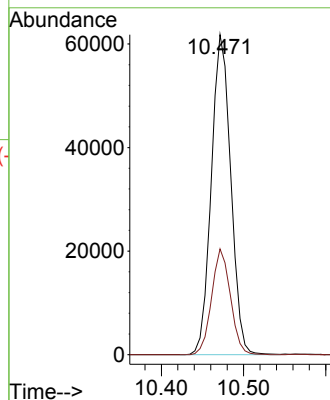
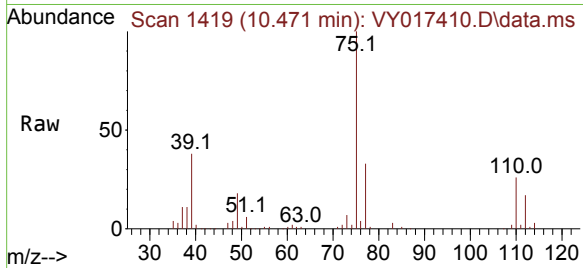




#53
 t-1,3-Dichloropropene
 Concen: 45.875 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY017410.D
 Acq: 19 Feb 2024 17:49

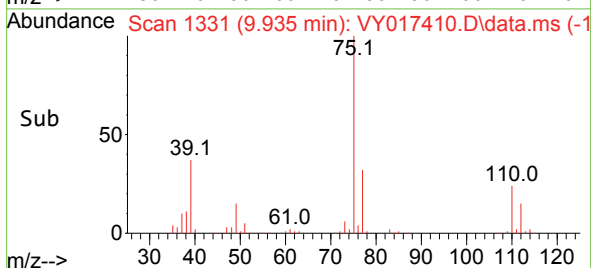
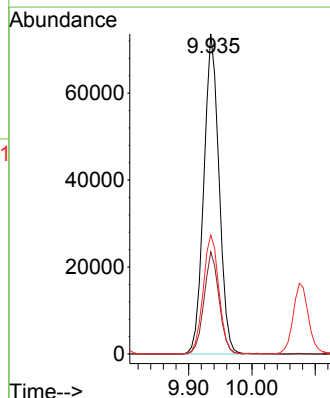
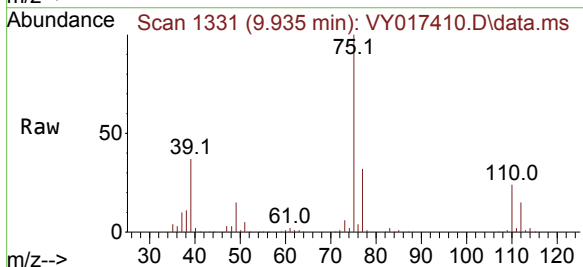
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

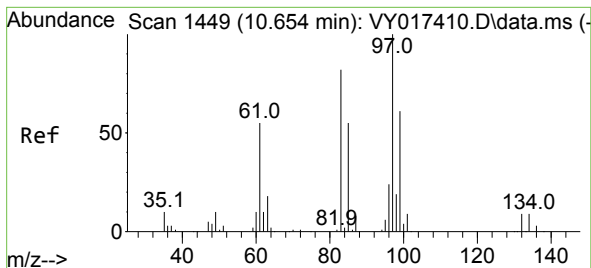
Tgt Ion: 75 Resp: 101617
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 45.296 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY017410.D
 Acq: 19 Feb 2024 17:49

Tgt Ion: 75 Resp: 123098
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0
 39 37.1 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 44.513 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 59591

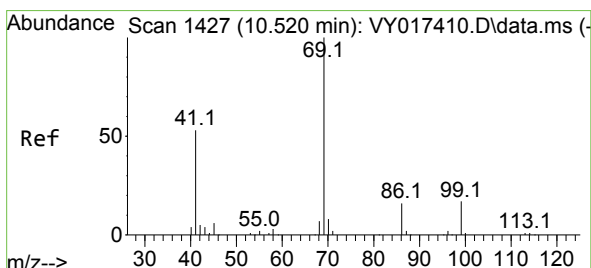
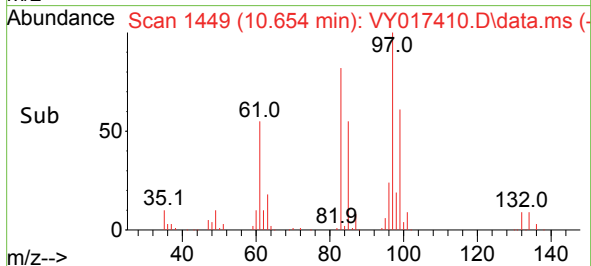
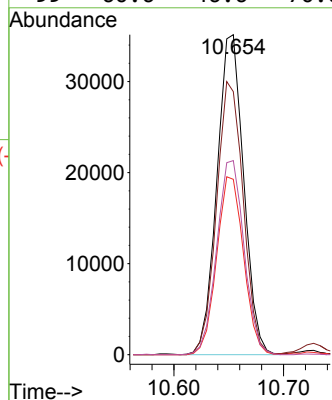
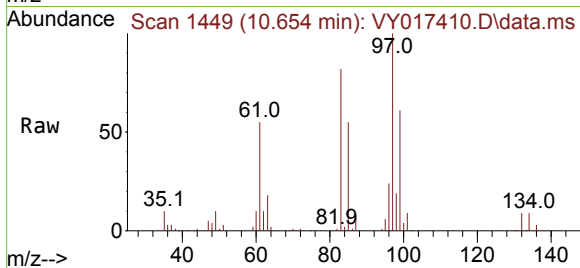
Ion Ratio Lower Upper

97 100

83 82.2 67.5 101.3

85 54.8 42.9 64.3

99 60.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 42.898 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

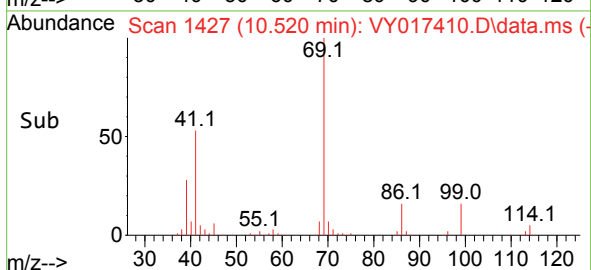
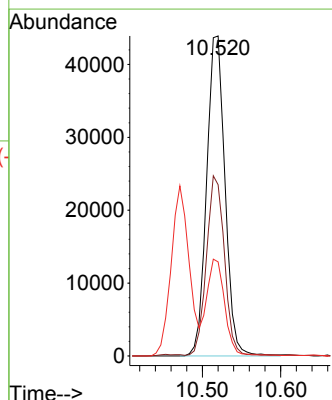
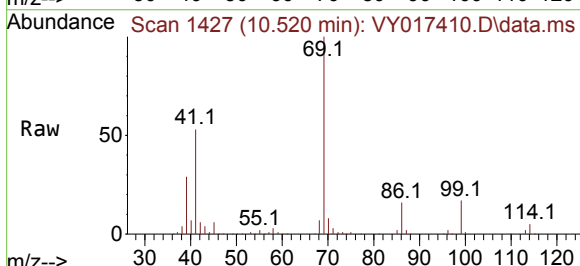
Tgt Ion: 69 Resp: 71502

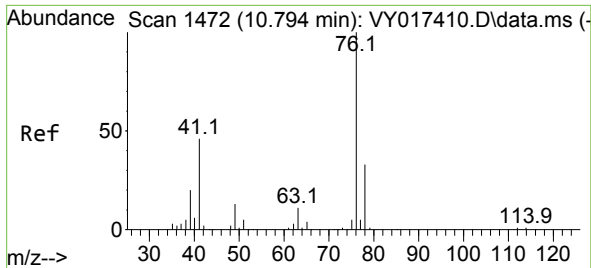
Ion Ratio Lower Upper

69 100

41 54.9 42.3 63.5

39 29.6 22.9 34.3

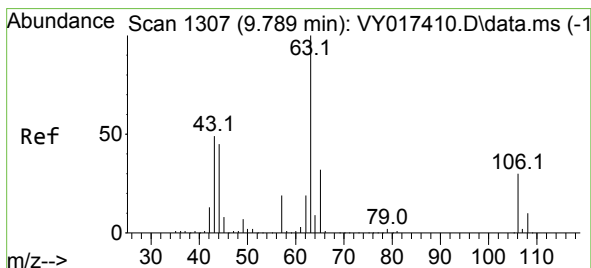
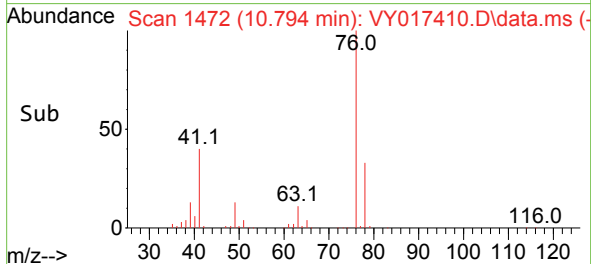
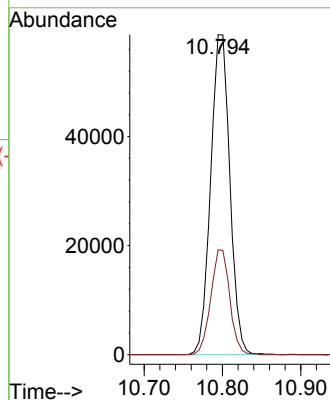
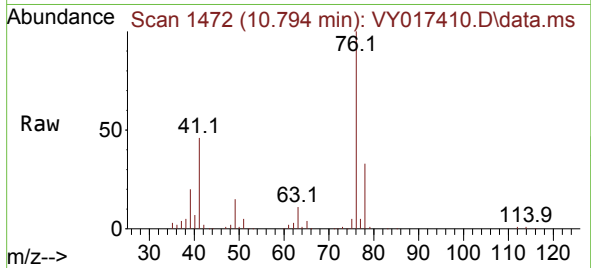




#57
1,3-Dichloropropane
Concen: 45.164 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

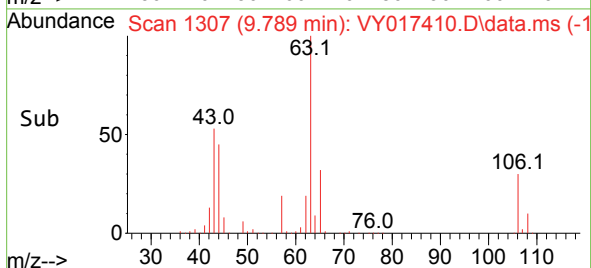
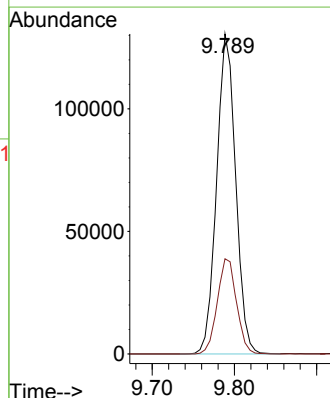
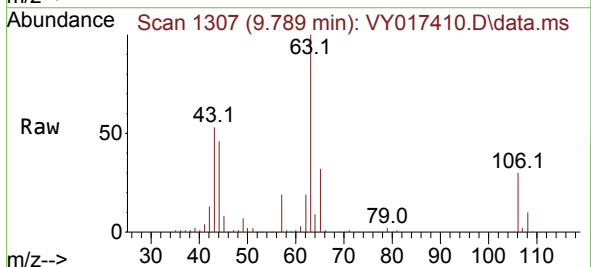
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

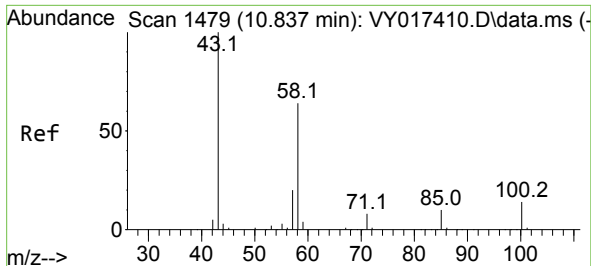
Tgt Ion: 76 Resp: 100040
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 262.631 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 63 Resp: 210076
Ion Ratio Lower Upper
63 100
106 30.0 23.7 35.5

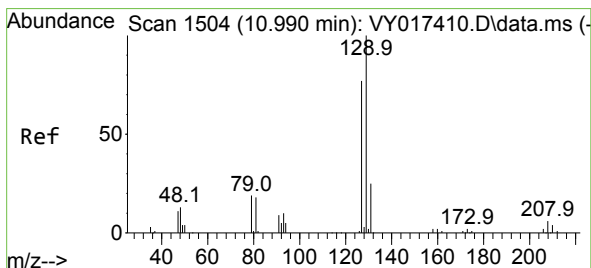
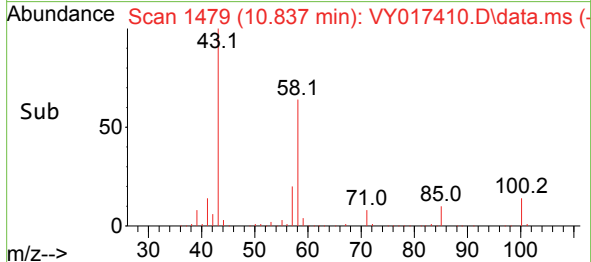
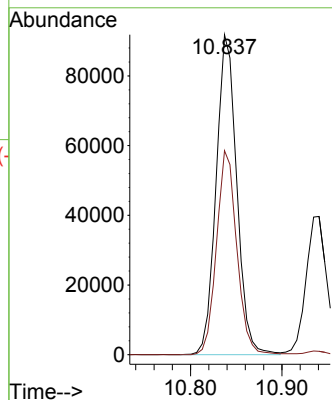
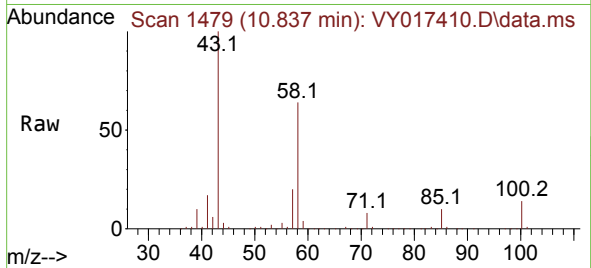




#59
2-Hexanone
Concen: 232.977 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

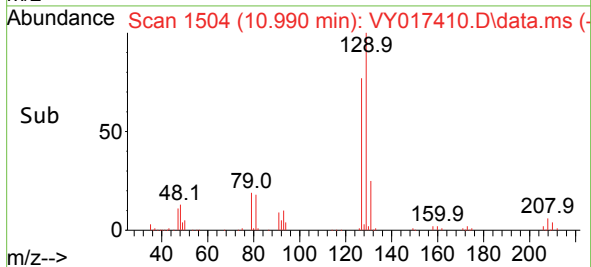
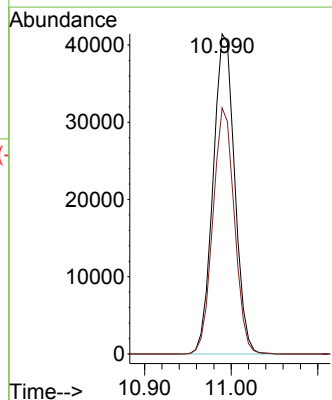
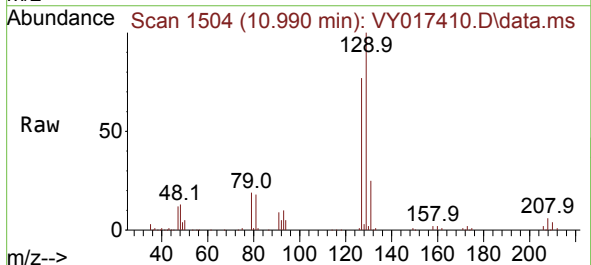
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

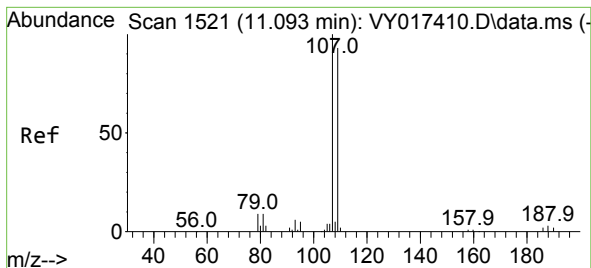
Tgt Ion: 43 Resp: 144211
Ion Ratio Lower Upper
43 100
58 62.8 31.4 94.0



#60
Dibromochloromethane
Concen: 44.987 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 129 Resp: 71592
Ion Ratio Lower Upper
129 100
127 76.6 39.0 117.0

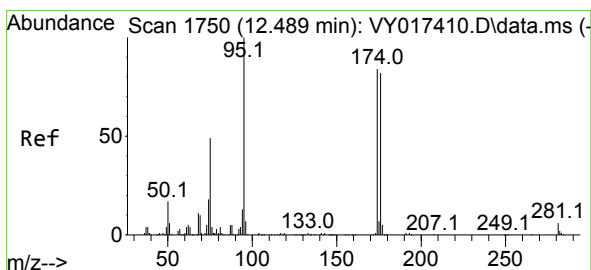
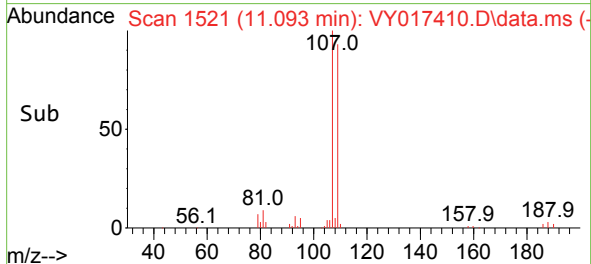
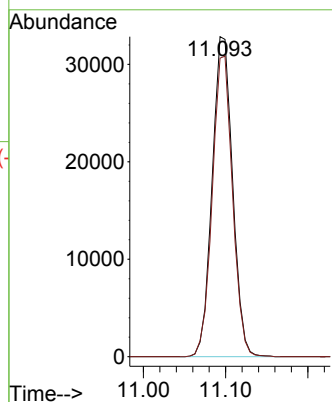
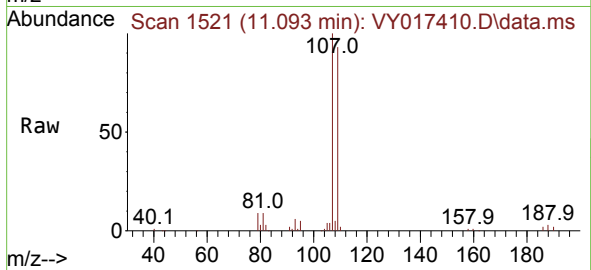




#61
1,2-Dibromoethane
Concen: 45.219 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

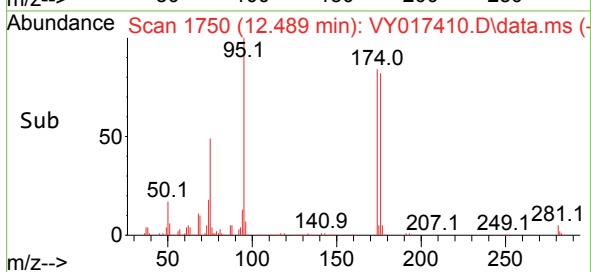
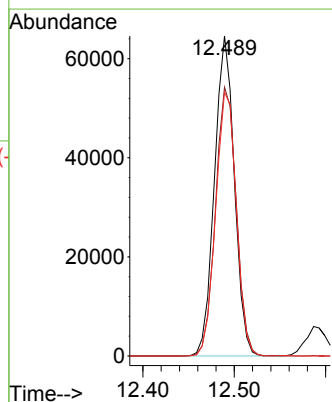
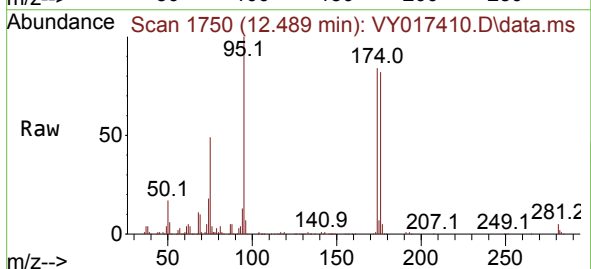
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

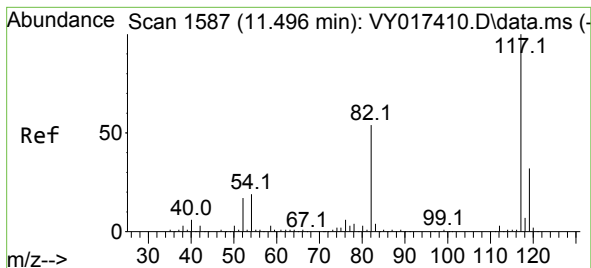
Tgt Ion:107 Resp: 56635
Ion Ratio Lower Upper
107 100
109 93.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.711 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 95 Resp: 97564
Ion Ratio Lower Upper
95 100
174 87.7 0.0 175.6
176 85.8 0.0 171.4

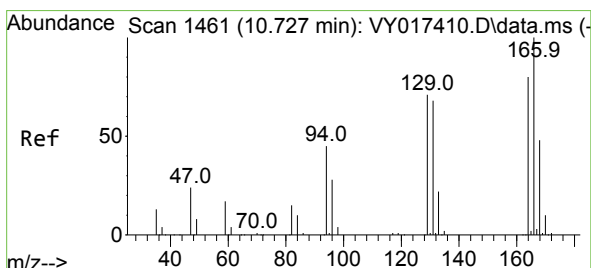
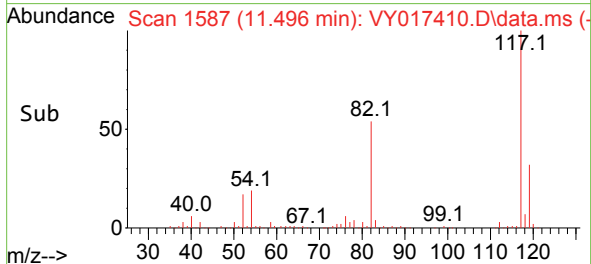
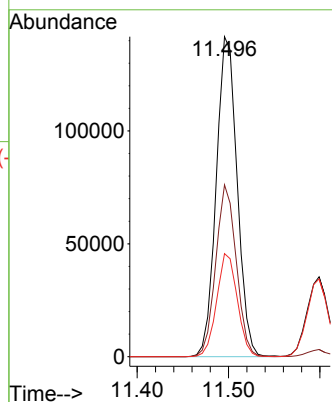
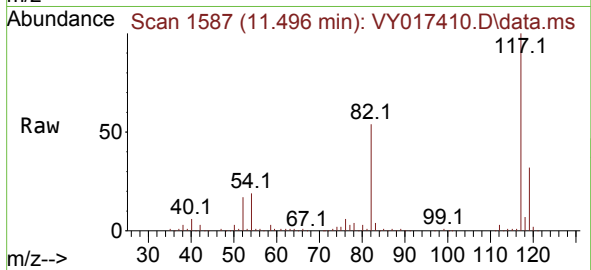




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

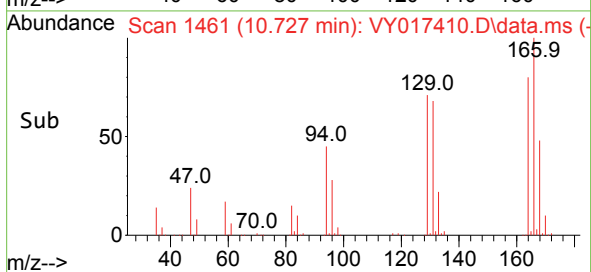
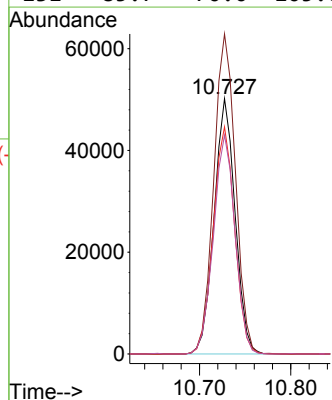
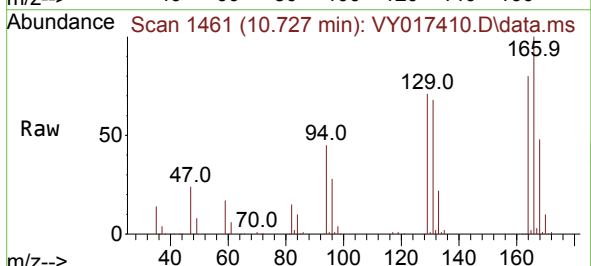
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

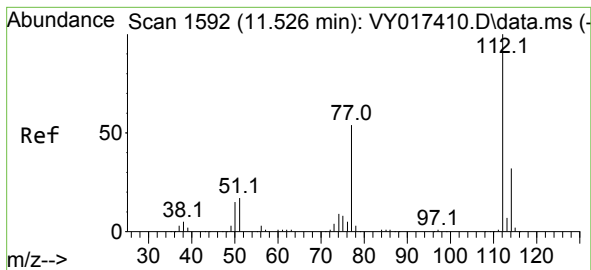
Tgt Ion:117 Resp: 225550
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 32.2 25.9 38.9



#64
Tetrachloroethene
Concen: 44.469 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion:164 Resp: 80271
Ion Ratio Lower Upper
164 100
166 125.3 102.6 154.0
129 88.9 72.0 108.0
131 85.7 70.0 105.0

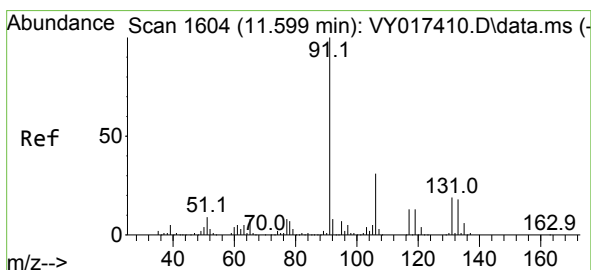
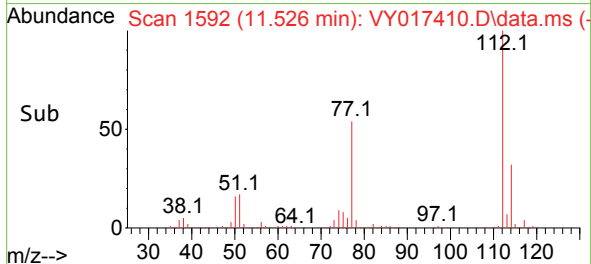
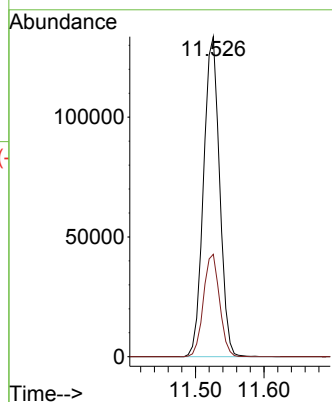
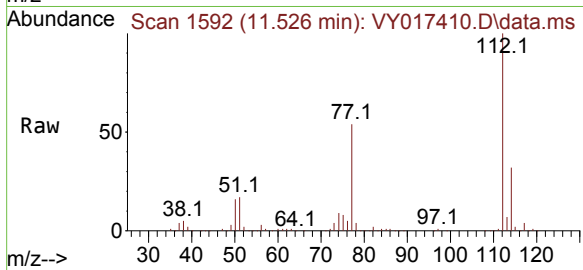




#65
Chlorobenzene
Concen: 44.840 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

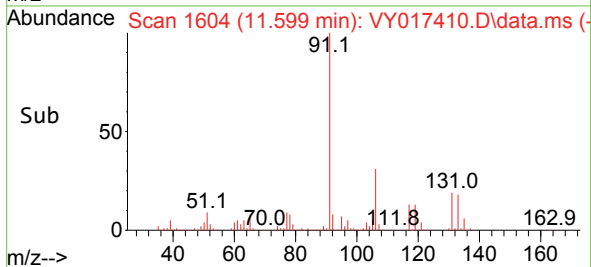
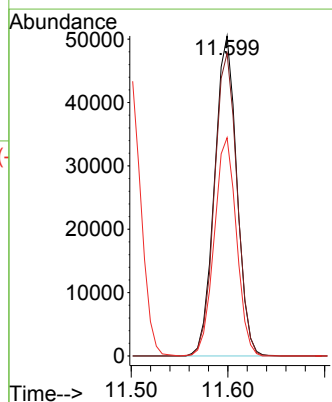
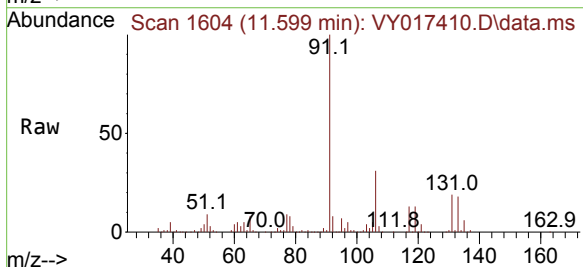
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

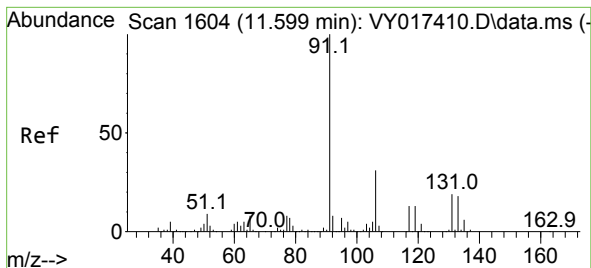
Tgt Ion:112 Resp: 217878
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 44.702 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion:131 Resp: 80886
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.3
119 68.0 34.1 102.2





#67

Ethyl Benzene

Concen: 46.405 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

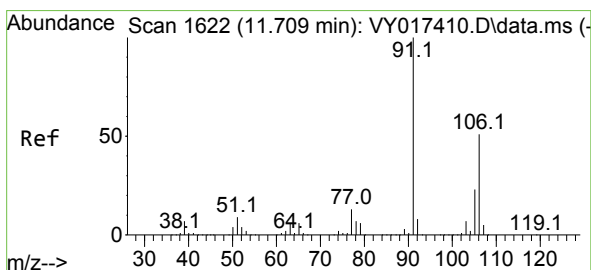
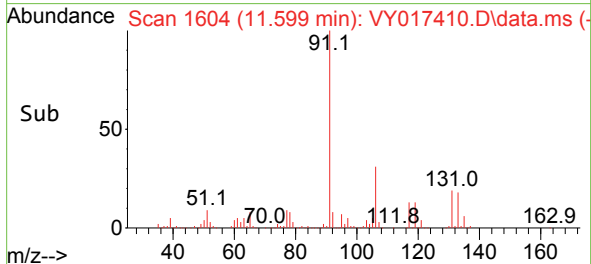
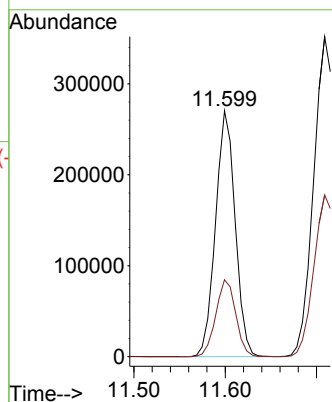
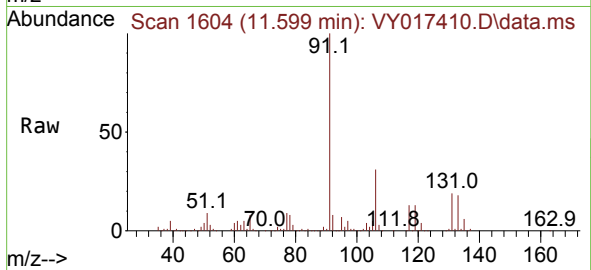
VSTDICCC050

Tgt Ion: 91 Resp: 403274

Ion Ratio Lower Upper

91 100

106 31.3 24.5 36.7



#68

m/p-Xylenes

Concen: 93.188 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY017410.D

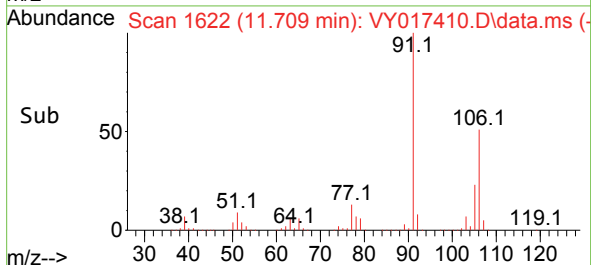
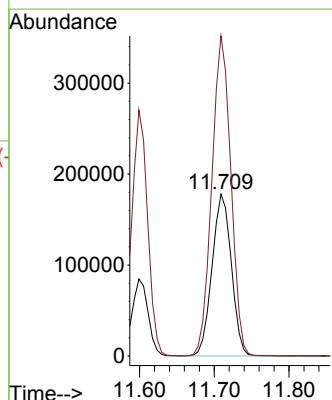
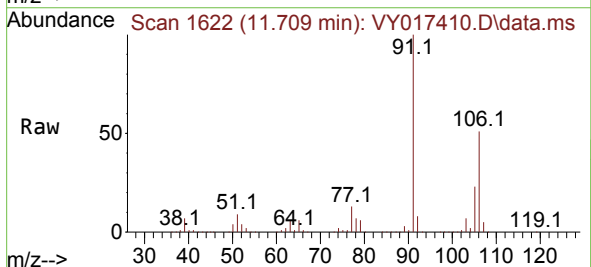
Acq: 19 Feb 2024 17:49

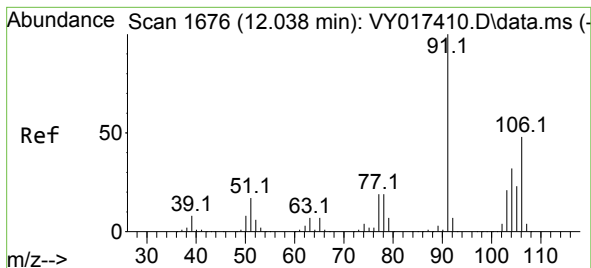
Tgt Ion: 106 Resp: 318355

Ion Ratio Lower Upper

106 100

91 195.5 156.0 234.0





#69

o-Xylene

Concen: 46.650 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

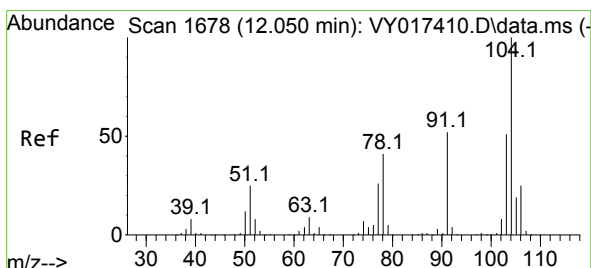
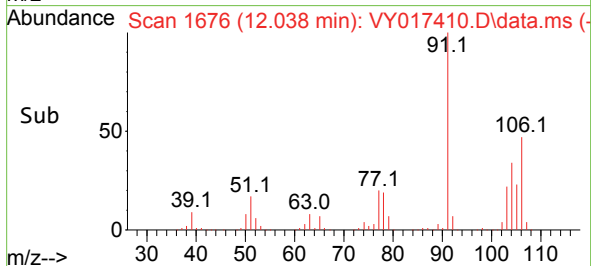
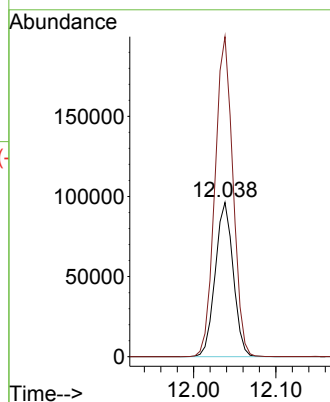
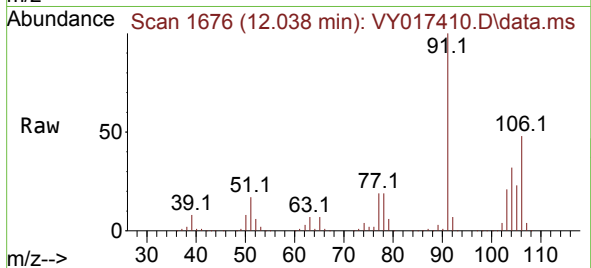
VSTDICCC050

Tgt Ion:106 Resp: 146207

Ion Ratio Lower Upper

106 100

91 208.0 103.6 310.8



#70

Styrene

Concen: 47.645 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

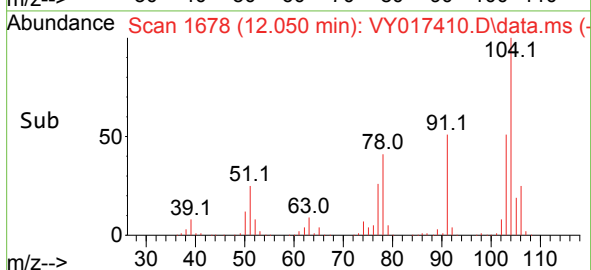
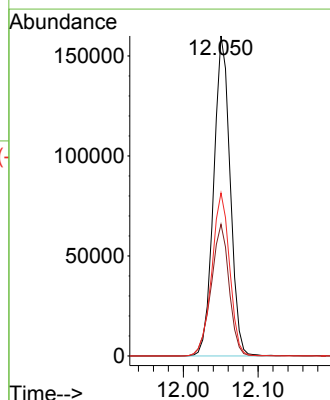
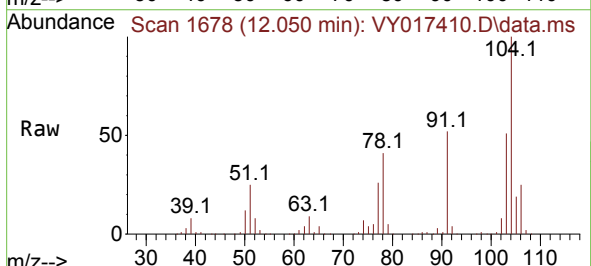
Tgt Ion:104 Resp: 245257

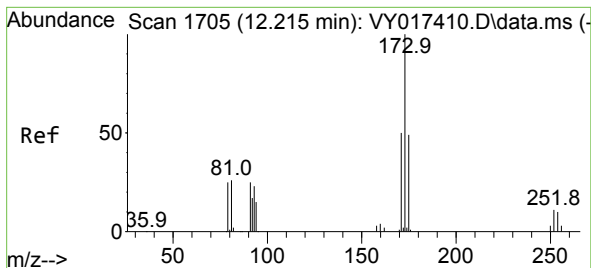
Ion Ratio Lower Upper

104 100

78 44.7 37.0 55.4

103 54.9 44.2 66.2





#71

Bromoform

Concen: 45.128 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

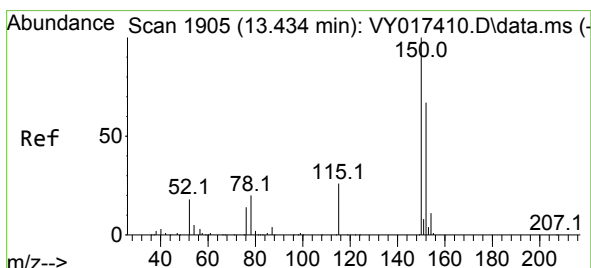
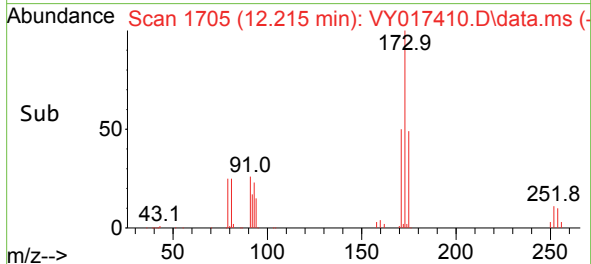
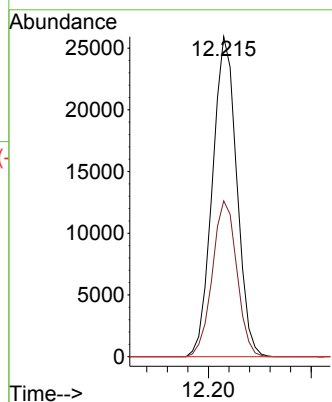
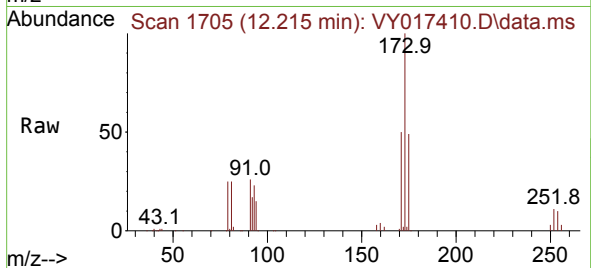
Tgt Ion:173 Resp: 42485

Ion Ratio Lower Upper

173 100

175 49.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

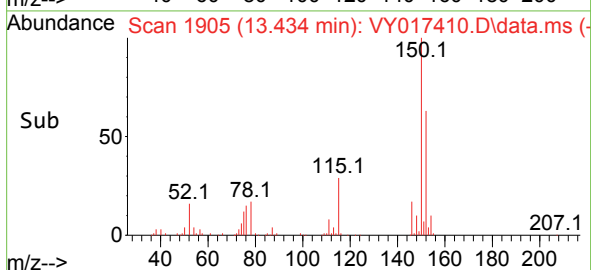
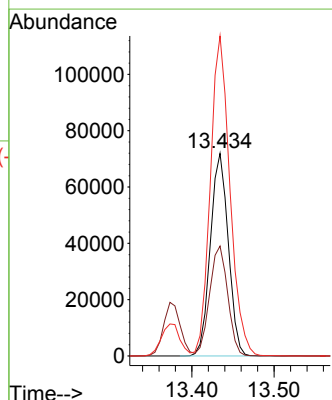
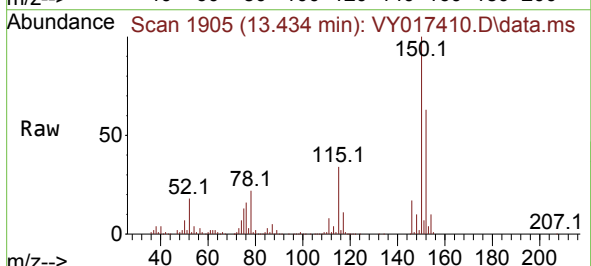
Tgt Ion:152 Resp: 108990

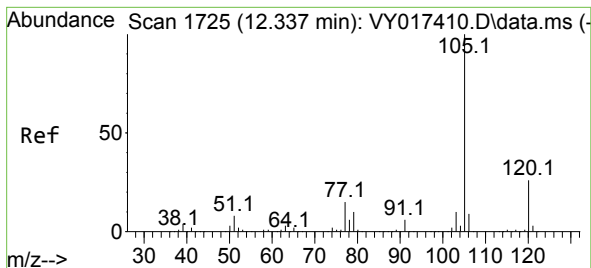
Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 172.9 0.0 345.6





#73

Isopropylbenzene

Concen: 45.960 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

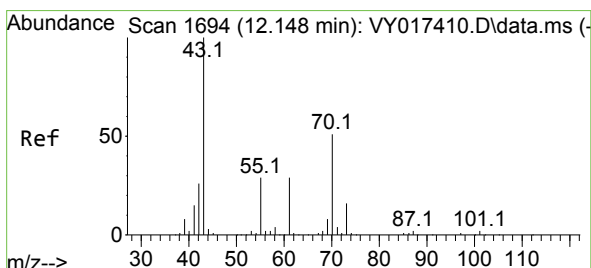
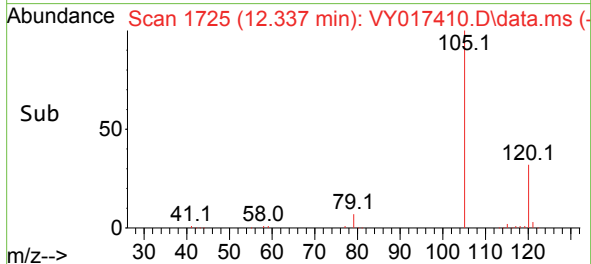
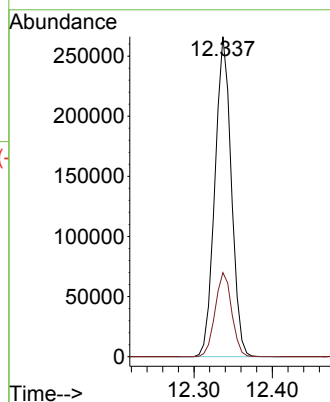
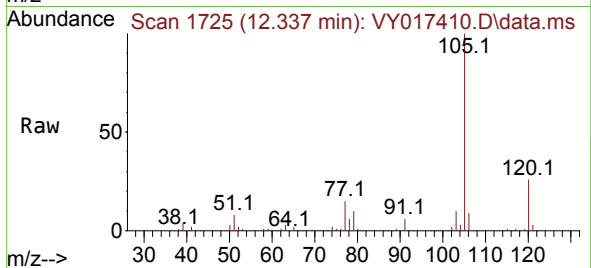
VSTDICCC050

Tgt Ion:105 Resp: 386929

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 46.182 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Tgt Ion: 43 Resp: 67698

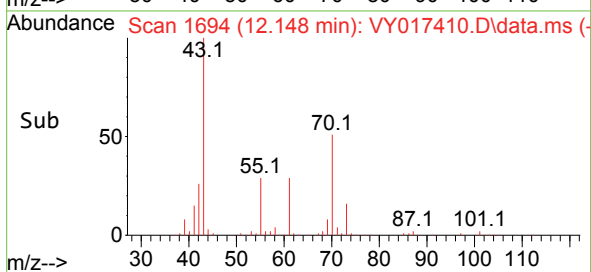
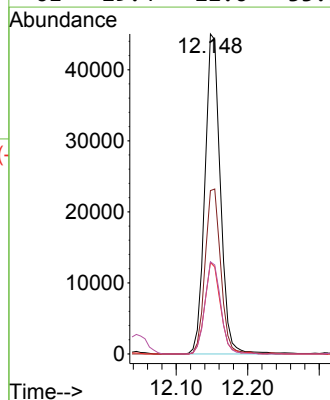
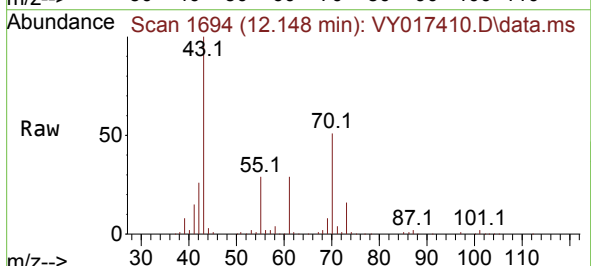
Ion Ratio Lower Upper

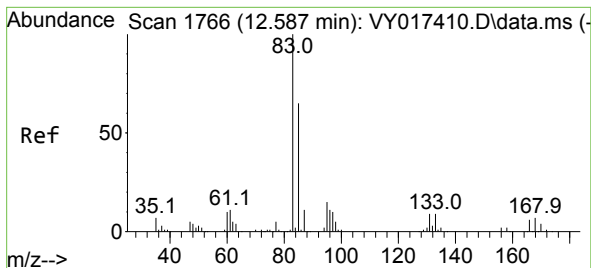
43 100

70 52.2 41.4 62.2

55 29.1 23.3 34.9

61 29.4 22.6 33.8

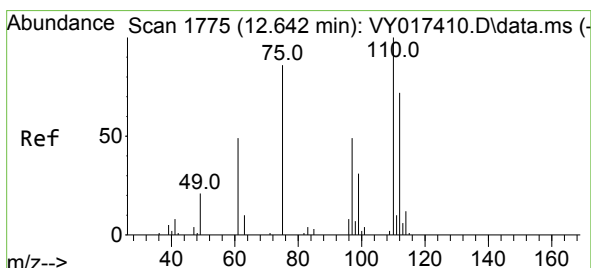
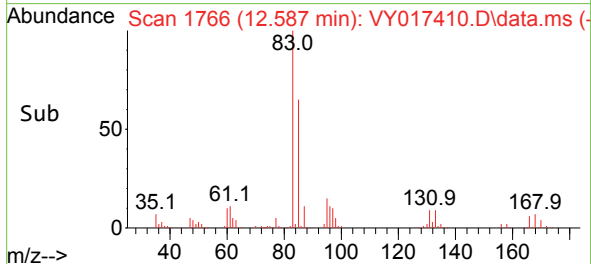
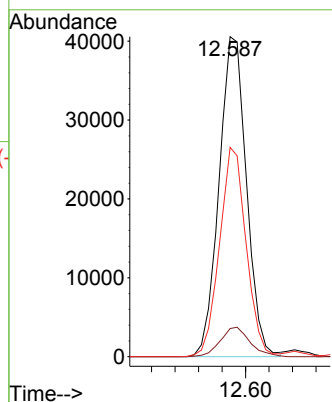
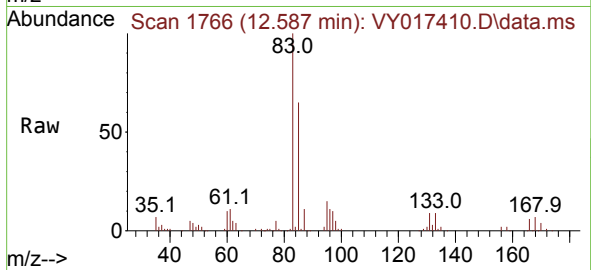




#75
1,1,2,2-Tetrachloroethane
Concen: 43.729 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

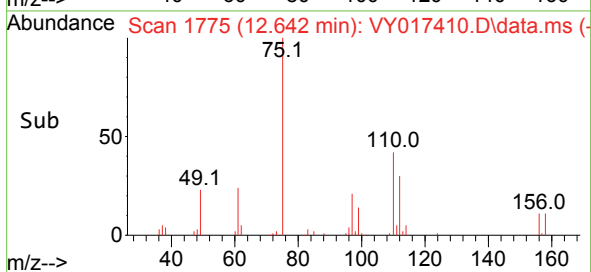
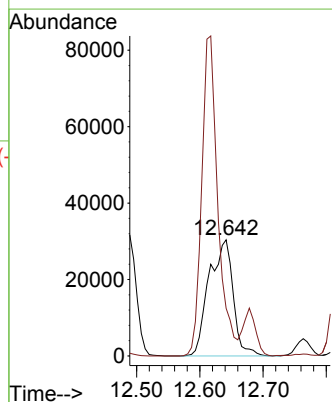
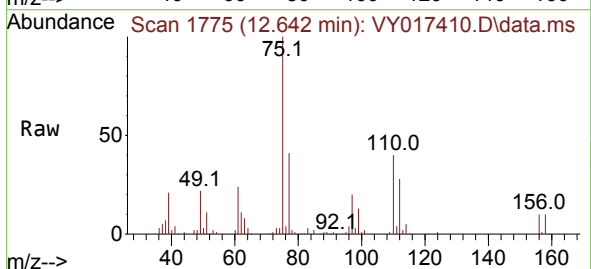
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

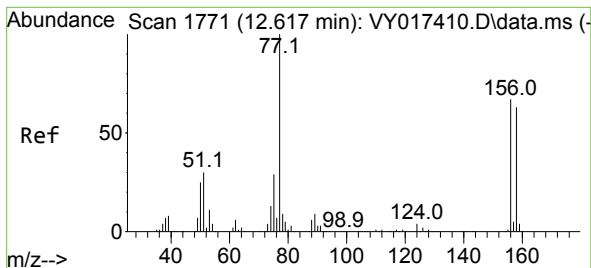
Tgt Ion: 83 Resp: 65797
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 76.178 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 75 Resp: 80721
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.150 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

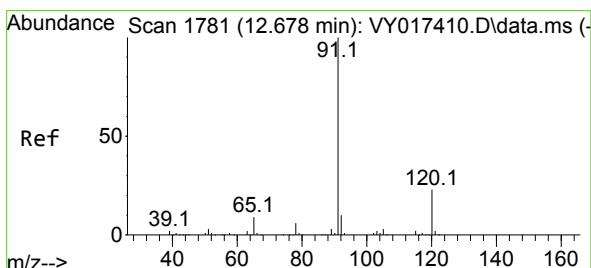
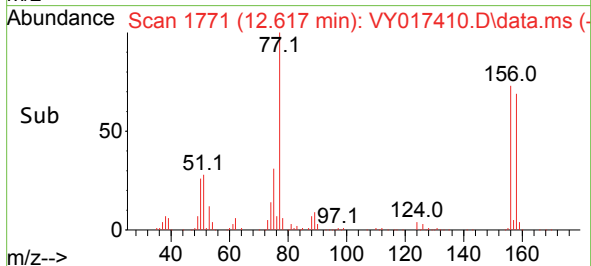
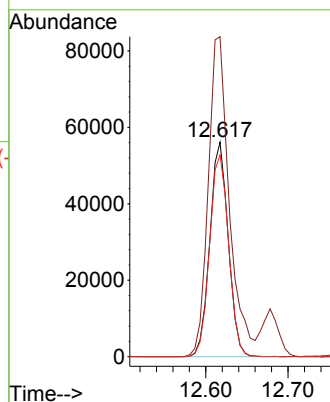
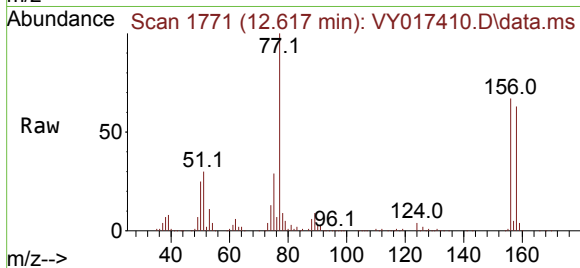
Tgt Ion:156 Resp: 87173

Ion Ratio Lower Upper

156 100

77 171.0 87.1 261.3

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 46.175 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017410.D

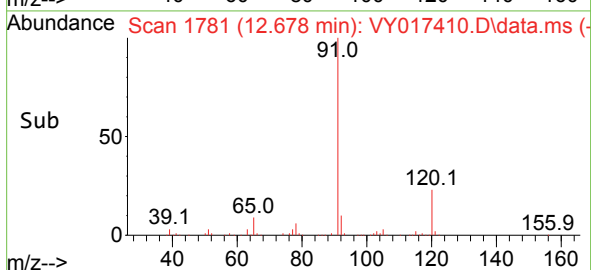
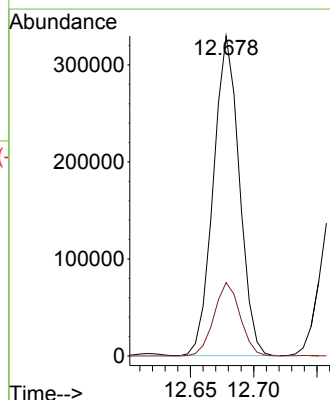
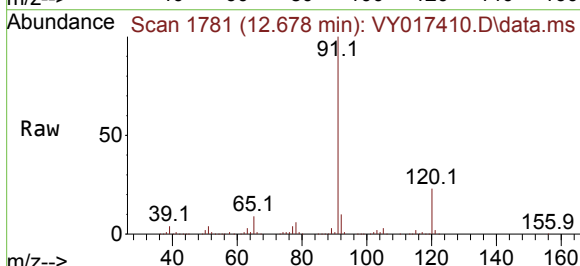
Acq: 19 Feb 2024 17:49

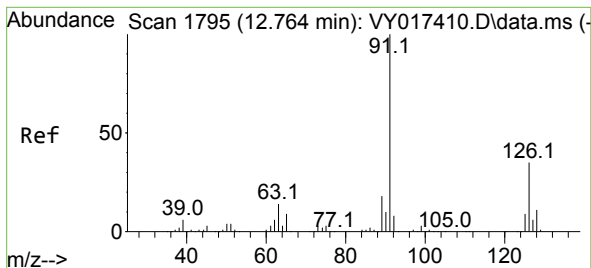
Tgt Ion: 91 Resp: 470199

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

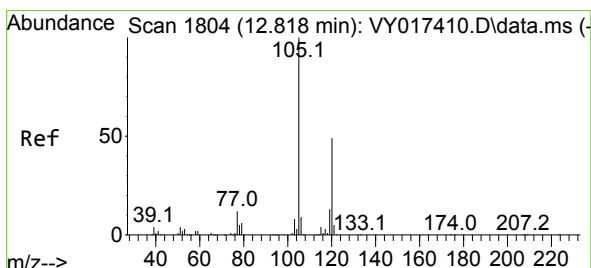
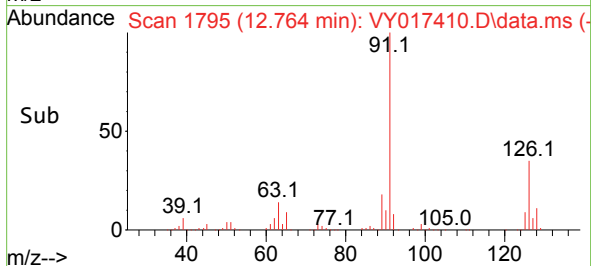
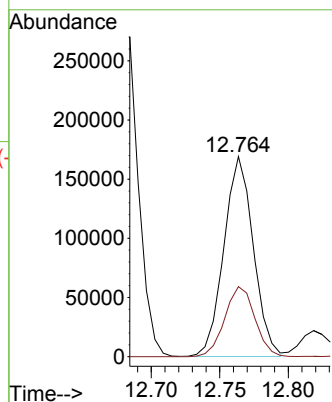
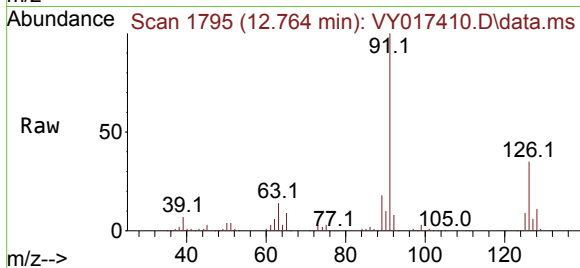




#79
2-Chlorotoluene
Concen: 45.083 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

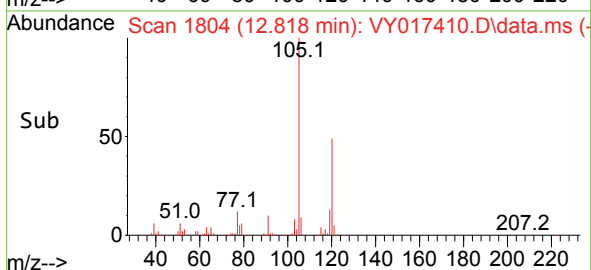
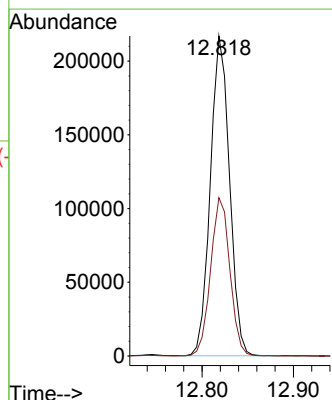
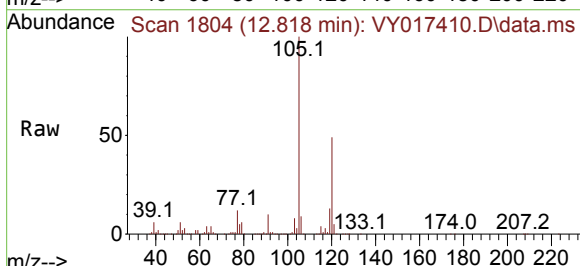
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

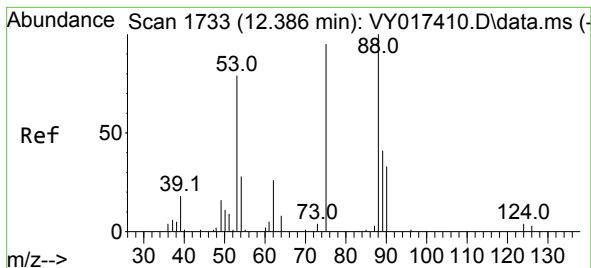
Tgt Ion: 91 Resp: 252783
Ion Ratio Lower Upper
91 100
126 35.8 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 46.801 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion: 105 Resp: 315152
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.2

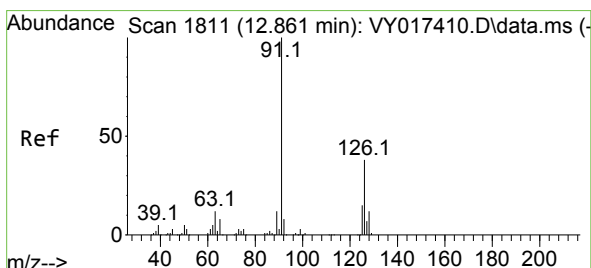
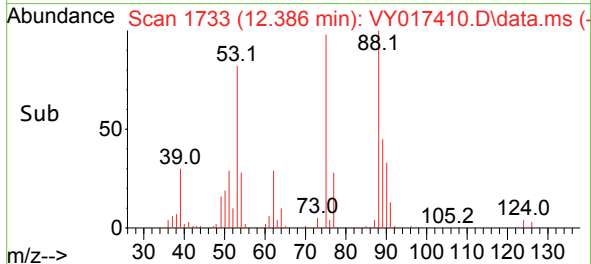
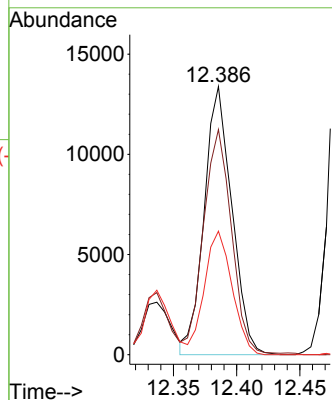
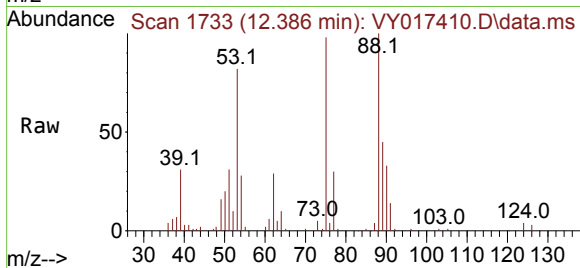




#81
trans-1,4-Dichloro-2-butene
Concen: 45.073 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

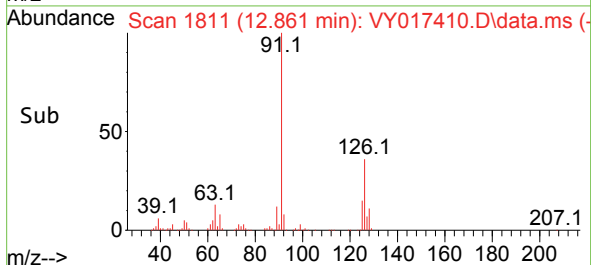
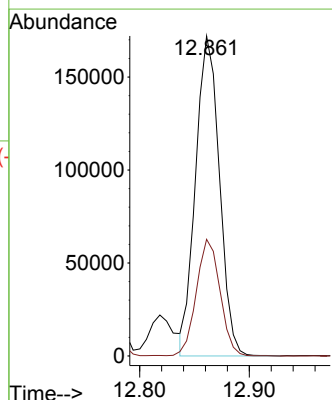
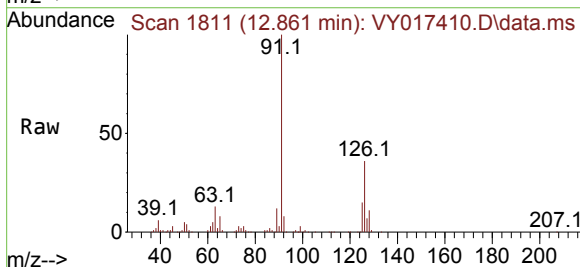
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

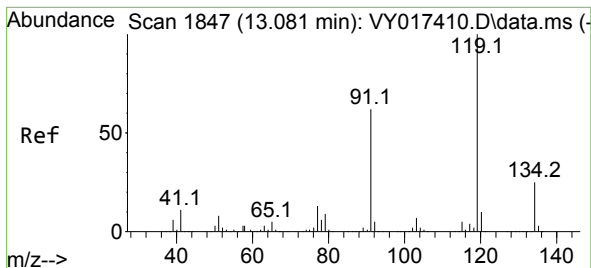
Tgt Ion:	75	Resp:	20429
Ion	Ratio	Lower	Upper
75	100		
53	85.4	66.8	100.2
89	45.6	35.8	53.6



#82
4-Chlorotoluene
Concen: 44.941 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017410.D
Acq: 19 Feb 2024 17:49

Tgt Ion:	91	Resp:	260033
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.6	52.9





#83

tert-Butylbenzene

Concen: 45.934 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

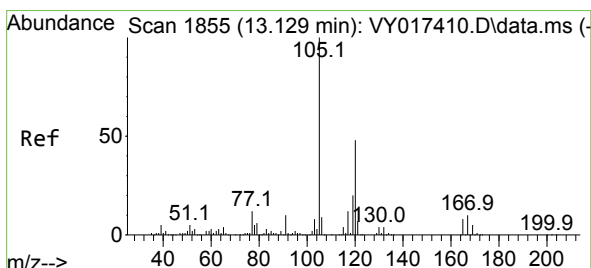
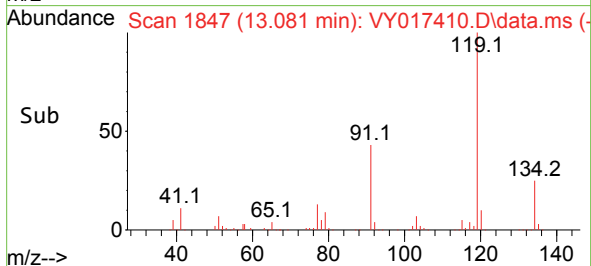
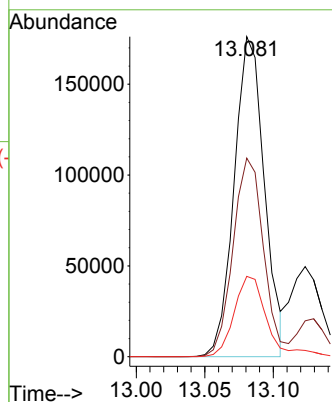
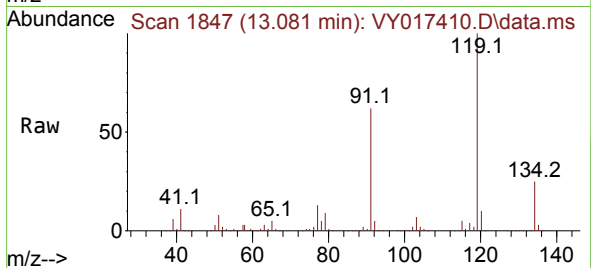
Tgt Ion:119 Resp: 270100

Ion Ratio Lower Upper

119 100

91 63.1 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 46.791 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017410.D

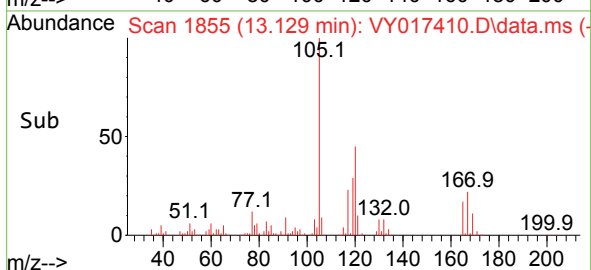
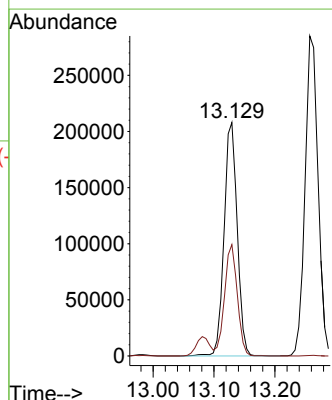
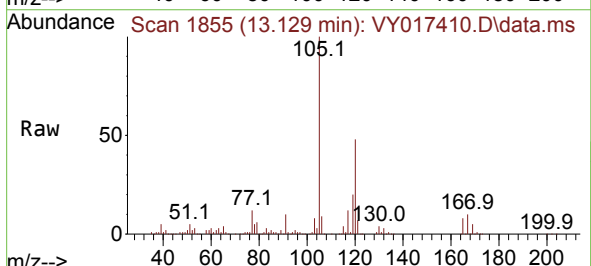
Acq: 19 Feb 2024 17:49

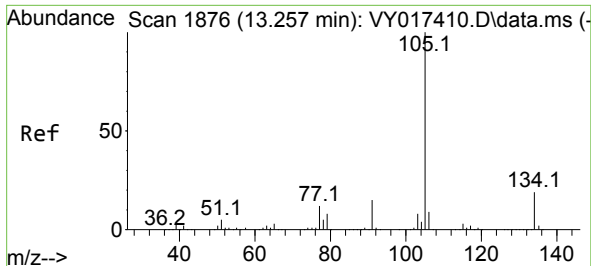
Tgt Ion:105 Resp: 312149

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6

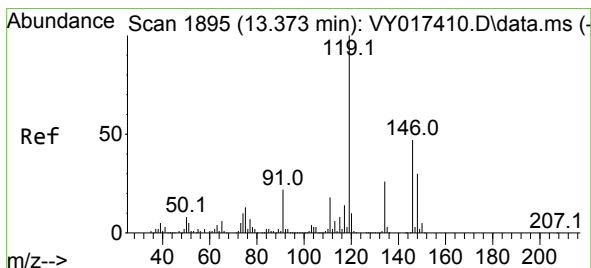
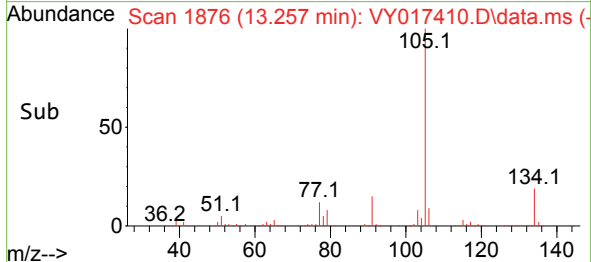
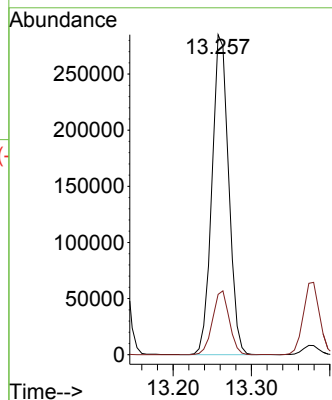
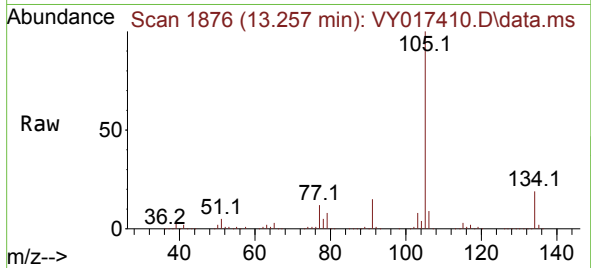




#85
 sec-Butylbenzene
 Concen: 46.684 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY017410.D
 Acq: 19 Feb 2024 17:49

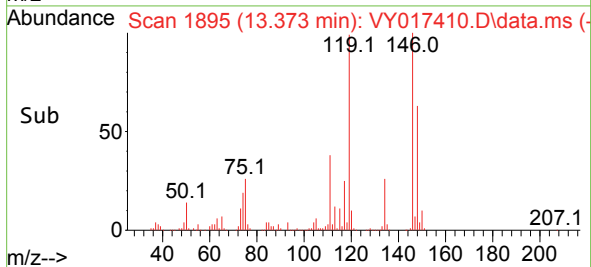
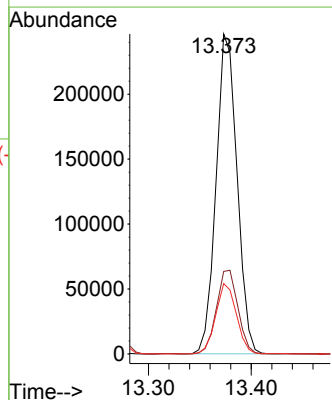
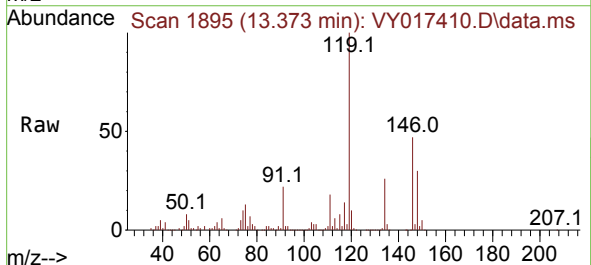
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

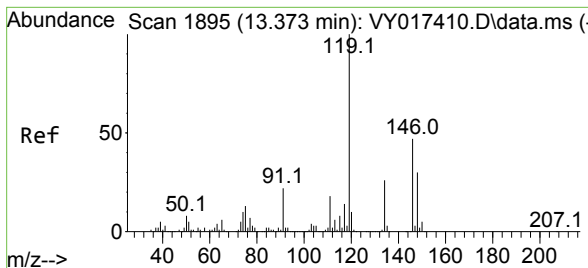
Tgt Ion:105 Resp: 421629
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 46.866 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017410.D
 Acq: 19 Feb 2024 17:49

Tgt Ion:119 Resp: 348622
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.1 39.3
 91 21.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 44.732 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

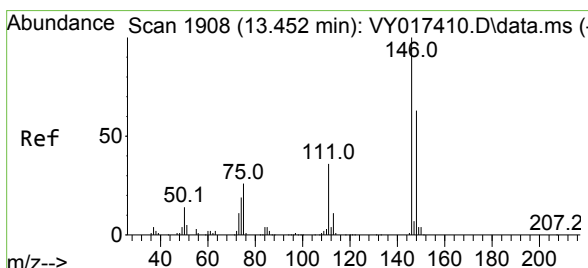
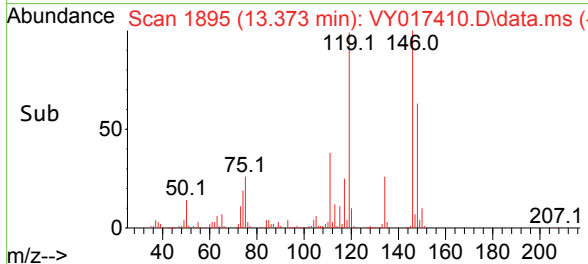
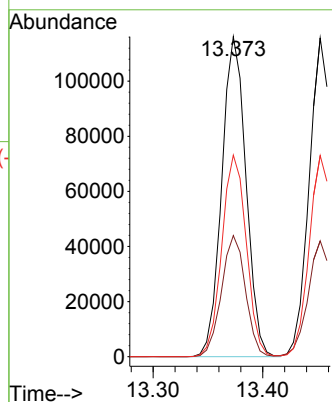
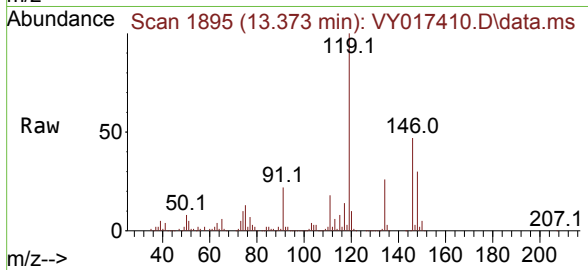
Tgt Ion:146 Resp: 178365

Ion Ratio Lower Upper

146 100

111 37.5 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 44.711 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

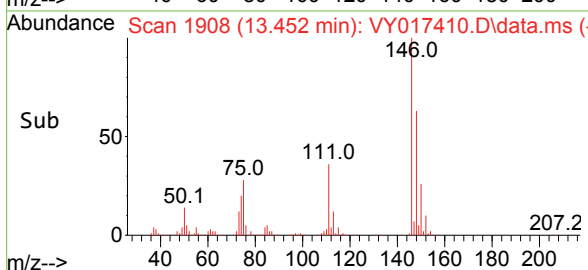
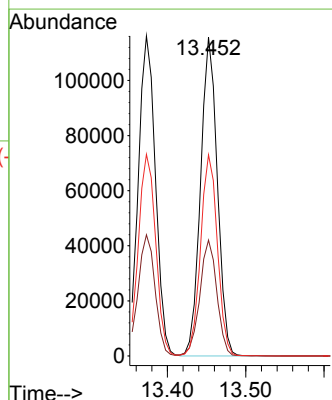
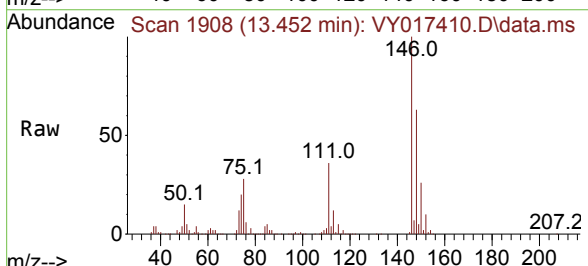
Tgt Ion:146 Resp: 172142

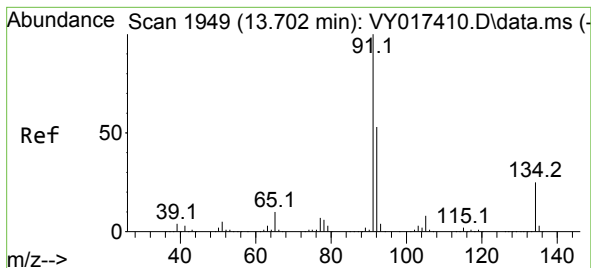
Ion Ratio Lower Upper

146 100

111 36.9 18.4 55.4

148 63.4 32.4 97.2





#89

n-Butylbenzene

Concen: 47.266 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

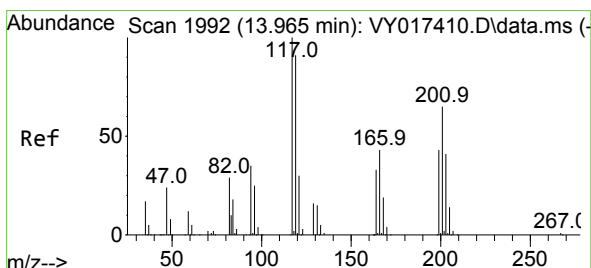
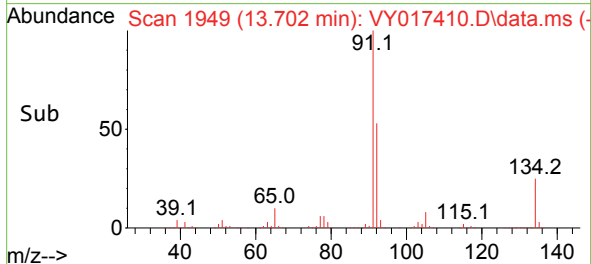
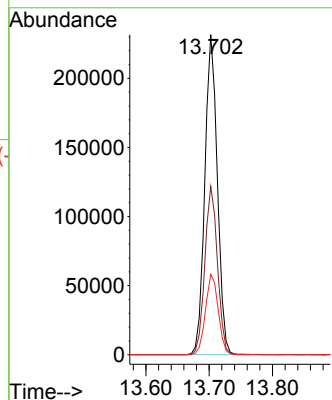
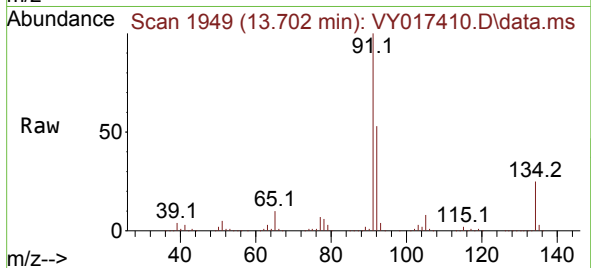
Tgt Ion: 91 Resp: 319776

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 25.6 12.9 38.7



#90

Hexachloroethane

Concen: 44.611 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017410.D

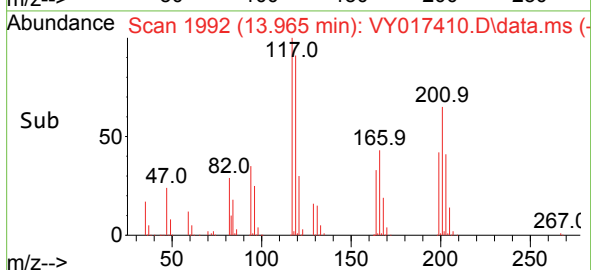
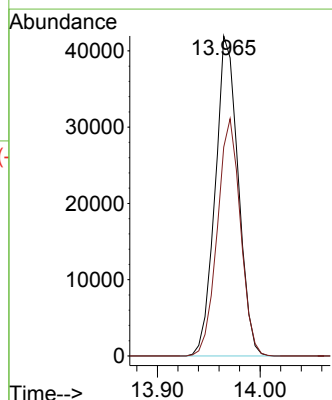
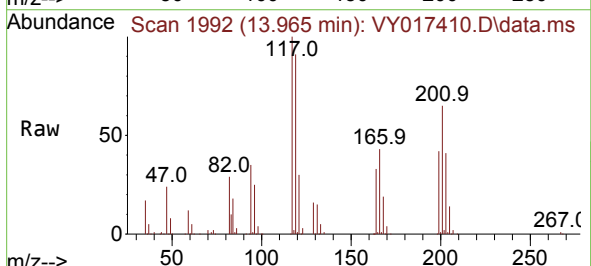
Acq: 19 Feb 2024 17:49

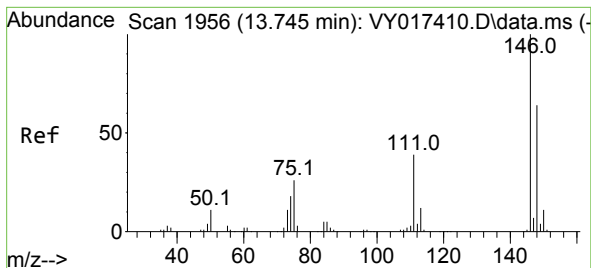
Tgt Ion: 117 Resp: 65025

Ion Ratio Lower Upper

117 100

201 74.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 44.868 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

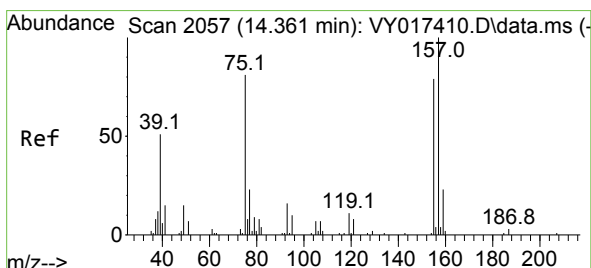
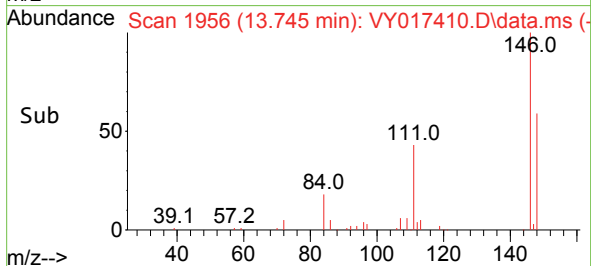
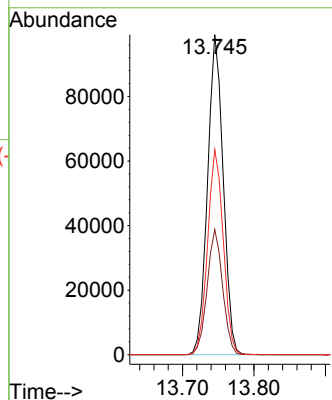
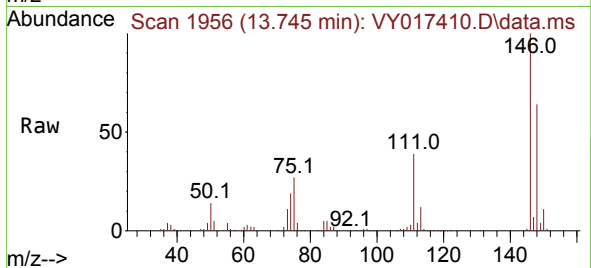
Tgt Ion:146 Resp: 150591

Ion Ratio Lower Upper

146 100

111 38.7 19.9 59.7

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.609 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

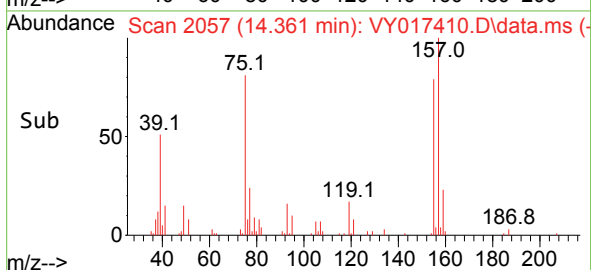
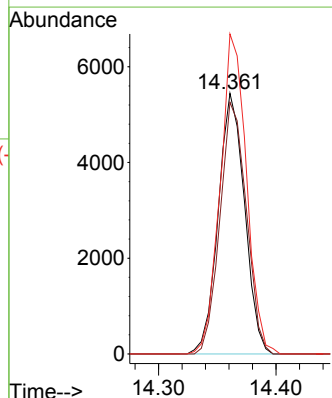
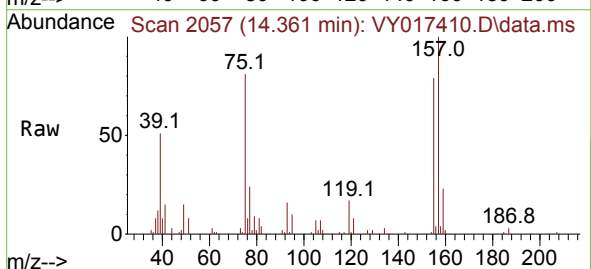
Tgt Ion: 75 Resp: 8484

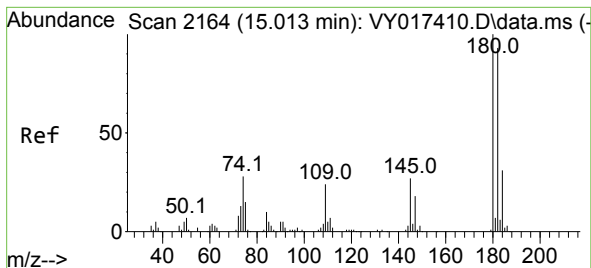
Ion Ratio Lower Upper

75 100

155 96.6 48.6 145.8

157 122.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 47.177 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

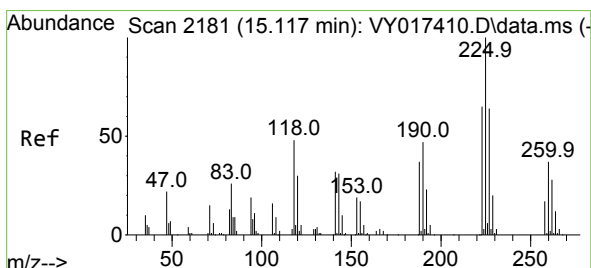
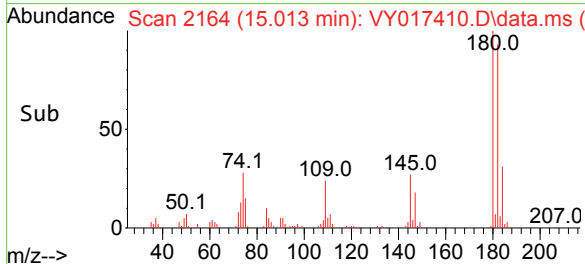
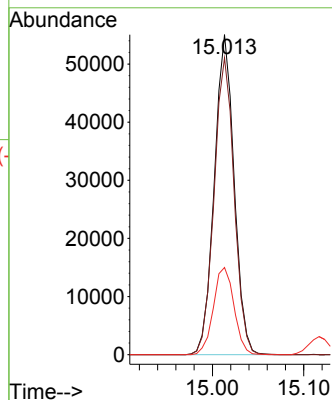
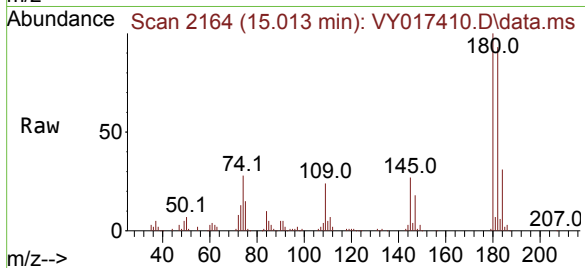
Tgt Ion:180 Resp: 82792

Ion Ratio Lower Upper

180 100

182 94.1 47.9 143.8

145 28.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.947 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

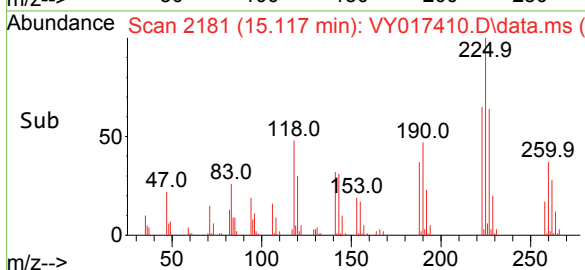
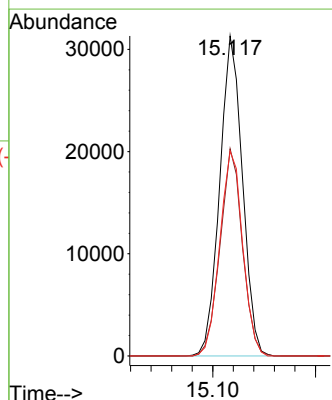
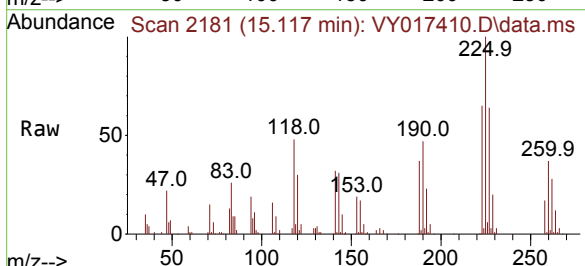
Tgt Ion:225 Resp: 47974

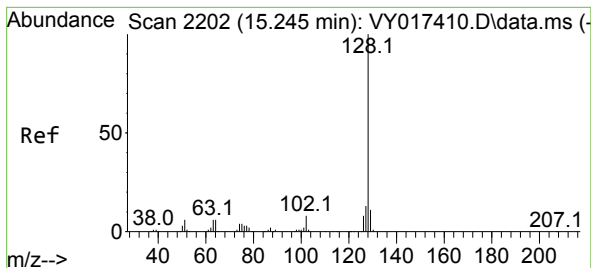
Ion Ratio Lower Upper

225 100

223 63.5 30.4 91.2

227 64.6 31.9 95.9





#95

Naphthalene

Concen: 43.752 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

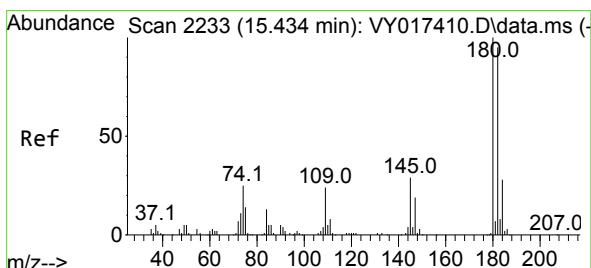
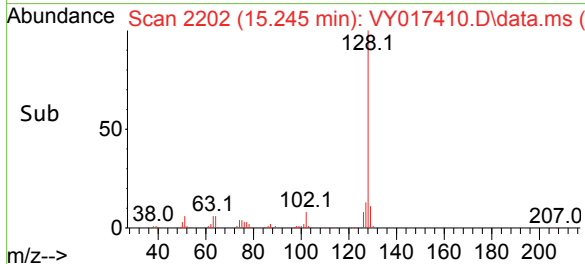
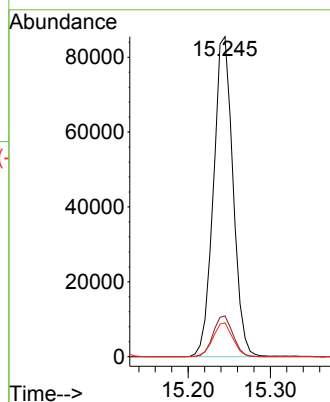
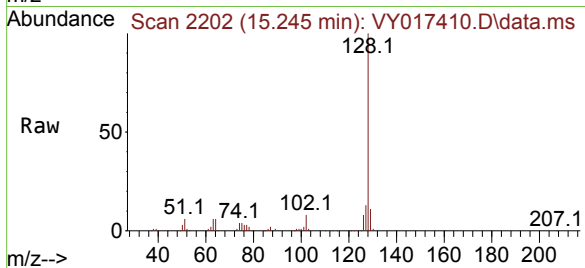
Tgt Ion:128 Resp: 141057

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.189 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY017410.D

Acq: 19 Feb 2024 17:49

Tgt Ion:180 Resp: 69621

Ion Ratio Lower Upper

180 100

182 95.6 47.6 142.9

145 30.9 15.4 46.1

