

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012424\
 Data File : VY017093.D
 Acq On : 24 Jan 2024 15:13
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Jan 25 04:25:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:13:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	130172	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	225300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	191487	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	81032	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	13378	10.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.100%#
35) Dibromofluoromethane	7.734	113	13608	10.007	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.020%#
50) Toluene-d8	10.197	98	50732	9.878	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.760%#
62) 4-Bromofluorobenzene	12.495	95	15313	9.679	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.360%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	14143	10.709	ug/l	97
3) Chloromethane	2.125	50	22377	10.158	ug/l	100
4) Vinyl Chloride	2.265	62	25486	9.790	ug/l	97
5) Bromomethane	2.668	94	18981	10.610	ug/l	99
6) Chloroethane	2.814	64	16047	10.041	ug/l	96
7) Trichlorofluoromethane	3.143	101	26649	9.570	ug/l	99
8) Diethyl Ether	3.552	74	8413	11.217	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.930	101	16515	11.343	ug/l	98
10) Methyl Iodide	4.119	142	13743	9.935	ug/l	98
11) Tert butyl alcohol	4.978	59	5413	54.527	ug/l #	92
12) 1,1-Dichloroethene	3.899	96	14924	11.197	ug/l	93
13) Acrolein	3.753	56	8944	58.802	ug/l	100
14) Allyl chloride	4.503	41	21662	10.753	ug/l	96
15) Acrylonitrile	5.198	53	18276	56.147	ug/l	98
16) Acetone	3.966	43	26873	54.898	ug/l	99
17) Carbon Disulfide	4.222	76	44696	11.127	ug/l	98
18) Methyl Acetate	4.503	43	14113	10.847	ug/l	96
19) Methyl tert-butyl Ether	5.247	73	35409	10.887	ug/l	98
20) Methylene Chloride	4.747	84	21500	10.440	ug/l	99
21) trans-1,2-Dichloroethene	5.253	96	17474	11.335	ug/l	96
22) Diisopropyl ether	6.149	45	48799	10.974	ug/l	98
23) Vinyl Acetate	6.088	43	117341	54.399	ug/l	99
24) 1,1-Dichloroethane	6.045	63	30293	11.169	ug/l	96
25) 2-Butanone	7.015	43	30685	55.248	ug/l	99
26) 2,2-Dichloropropane	7.009	77	25010	10.796	ug/l	100
27) cis-1,2-Dichloroethene	7.009	96	18667	10.927	ug/l	99
28) Bromochloromethane	7.356	49	11464	10.617	ug/l	100
29) Tetrahydrofuran	7.374	42	14030	54.554	ug/l	98
30) Chloroform	7.533	83	30955	11.208	ug/l	100
31) Cyclohexane	7.813	56	28653	10.232	ug/l #	92
32) 1,1,1-Trichloroethane	7.722	97	26384	11.141	ug/l	99
36) 1,1-Dichloropropene	7.941	75	23870	10.669	ug/l	99
37) Ethyl Acetate	7.100	43	10110	10.509	ug/l	98
38) Carbon Tetrachloride	7.923	117	23604	10.766	ug/l	95
39) Methylcyclohexane	9.203	83	27568	10.245	ug/l	96
40) Benzene	8.185	78	69169	10.646	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	5862	11.394	ug/l	96
42) 1,2-Dichloroethane	8.258	62	18619	11.053	ug/l	99
43) Isopropyl Acetate	8.289	43	18902	10.525	ug/l	99
44) Trichloroethene	8.959	130	18132	10.881	ug/l	98
45) 1,2-Dichloropropane	9.234	63	17502	10.975	ug/l	96
46) Dibromomethane	9.325	93	9009	10.637	ug/l	97
47) Bromodichloromethane	9.514	83	22924	10.639	ug/l	99
48) Methyl methacrylate	9.313	41	10081	10.110	ug/l	99
49) 1,4-Dioxane	9.313	88	1659	199.166	ug/l	91
51) 4-Methyl-2-Pentanone	10.087	43	49271	51.575	ug/l	99
52) Toluene	10.258	92	41935	10.663	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	19842	10.081	ug/l	97
54) cis-1,3-Dichloropropene	9.947	75	25873	10.688	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	12578	10.626	ug/l	98
56) Ethyl methacrylate	10.526	69	9962	9.624	ug/l	93
57) 1,3-Dichloropropane	10.807	76	21198	10.592	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	34447	47.941	ug/l	99
59) 2-Hexanone	10.849	43	39895	54.739	ug/l	99
60) Dibromochloromethane	11.002	129	14374	10.452	ug/l	98
61) 1,2-Dibromoethane	11.105	107	11414	10.615	ug/l	99
64) Tetrachloroethene	10.733	164	14485	10.853	ug/l	96
65) Chlorobenzene	11.526	112	43298	10.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	15408	10.395	ug/l	97
67) Ethyl Benzene	11.605	91	76445	10.363	ug/l	99
68) m/p-Xylenes	11.715	106	57547	20.763	ug/l	99
69) o-Xylene	12.044	106	25738	10.223	ug/l	99
70) Styrene	12.056	104	36216	9.909	ug/l	98
71) Bromoform	12.221	173	7529	10.130	ug/l #	96
73) Isopropylbenzene	12.343	105	70566	10.593	ug/l	100
74) N-amyl acetate	12.154	43	13883	10.339	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	14065	11.073	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	16303	10.643	ug/l #	100
77) Bromobenzene	12.617	156	15415	10.694	ug/l	99
78) n-propylbenzene	12.684	91	85176	10.631	ug/l	100
79) 2-Chlorotoluene	12.770	91	46952	10.679	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	56112	10.643	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	4074	10.723	ug/l	99
82) 4-Chlorotoluene	12.867	91	49188	10.794	ug/l	99
83) tert-Butylbenzene	13.087	119	48124	10.553	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	55415	10.575	ug/l	99
85) sec-Butylbenzene	13.264	105	71982	10.660	ug/l	100
86) p-Isopropyltoluene	13.379	119	58057	10.322	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	30405	10.684	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	29969	10.703	ug/l	96
89) n-Butylbenzene	13.709	91	57138	10.532	ug/l	98
90) Hexachloroethane	13.971	117	13042	11.125	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	26548	10.924	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1841	11.348	ug/l	92
93) 1,2,4-Trichlorobenzene	15.019	180	13038	10.266	ug/l	95
94) Hexachlorobutadiene	15.123	225	8451	11.057	ug/l	95
95) Naphthalene	15.245	128	20750	9.251	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	11097	10.503	ug/l	99

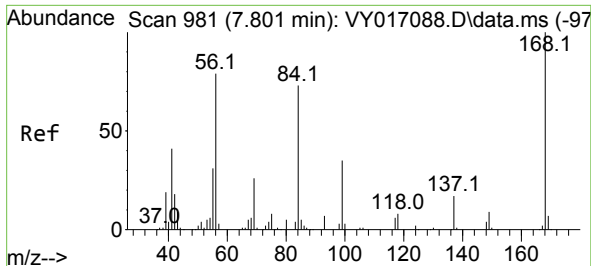
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ClientSampleId :
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Response via : Initial Calibration

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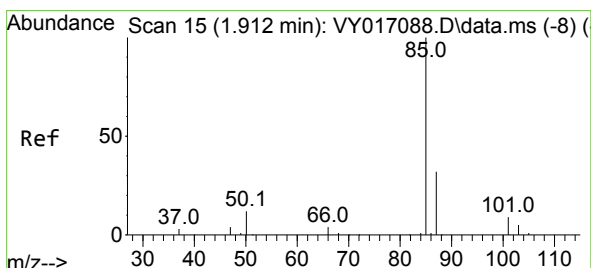
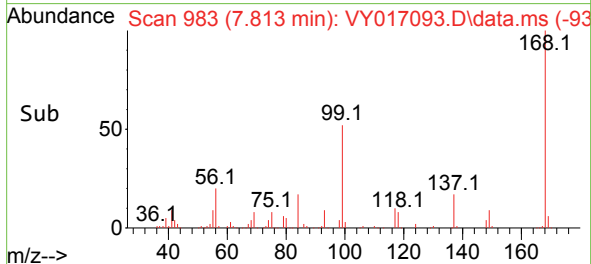
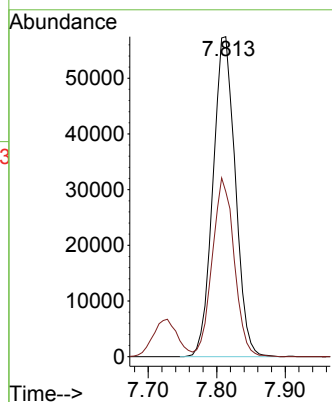
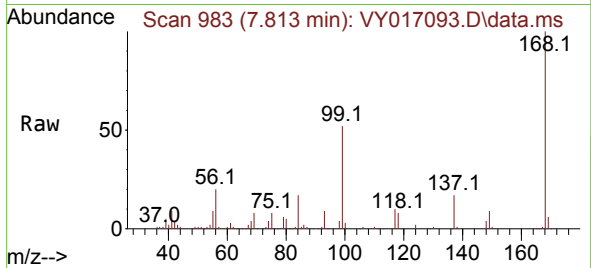
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. 0.012 min
Lab File: VY017093.D
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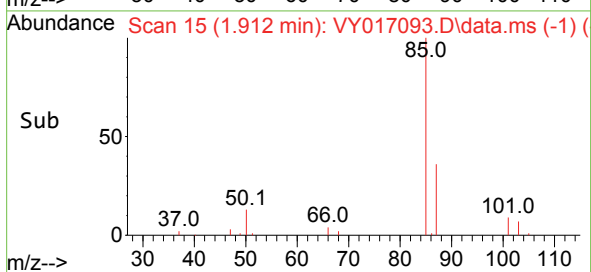
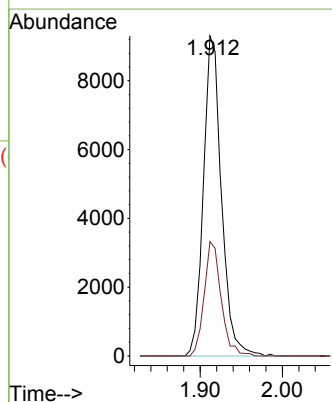
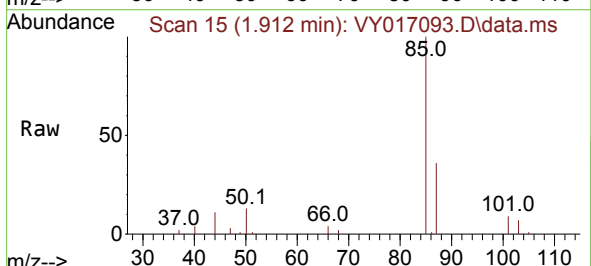
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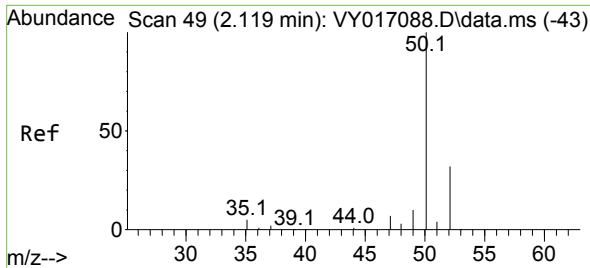
Tgt Ion:168 Resp: 130172
Ion Ratio Lower Upper
168 100
99 51.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 10.709 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 85 Resp: 14143
Ion Ratio Lower Upper
85 100
87 35.7 17.1 51.3

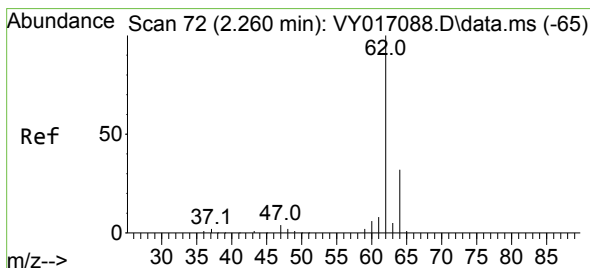
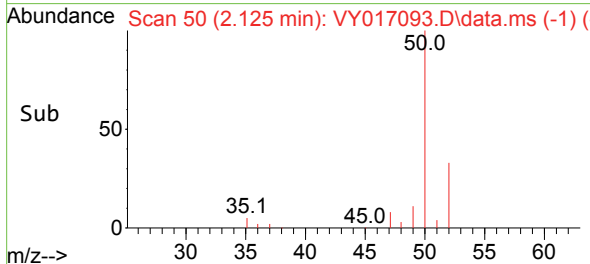
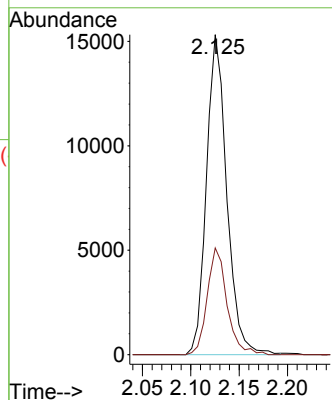
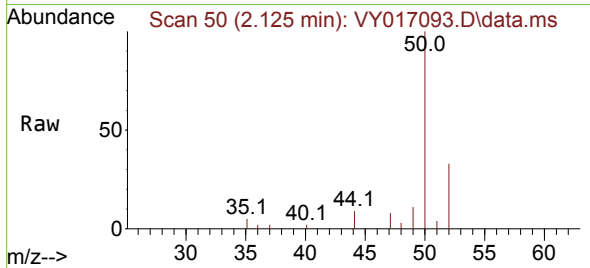




#3
Chloromethane
Concen: 10.158 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

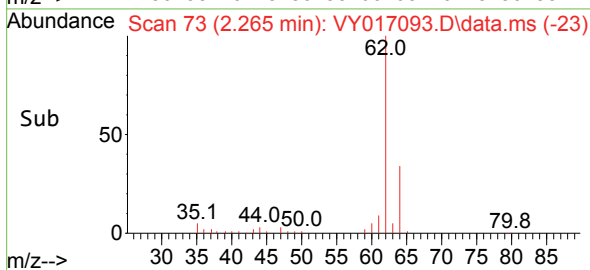
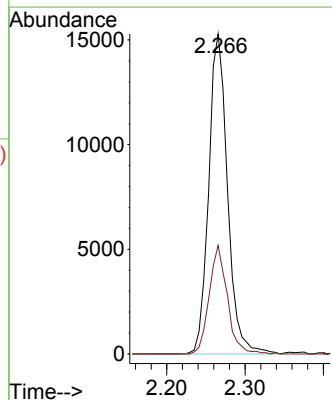
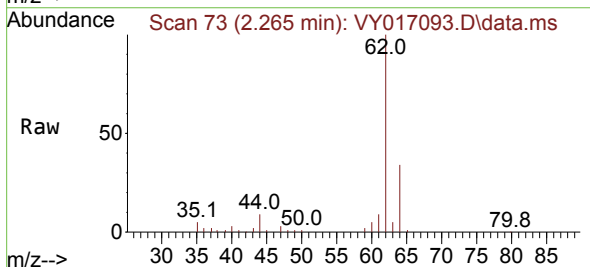
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ClientSampleId :
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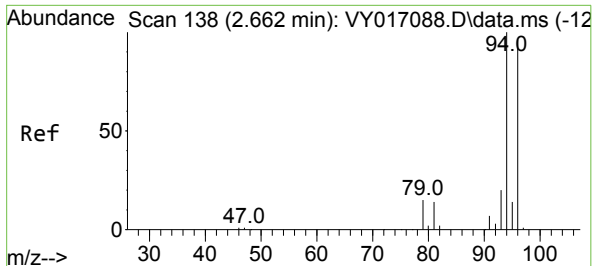
Tgt Ion: 50 Resp: 22377
Ion Ratio Lower Upper
50 100
52 33.4 26.7 40.1



#4
Vinyl Chloride
Concen: 9.790 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 62 Resp: 25486
Ion Ratio Lower Upper
62 100
64 33.9 25.7 38.5

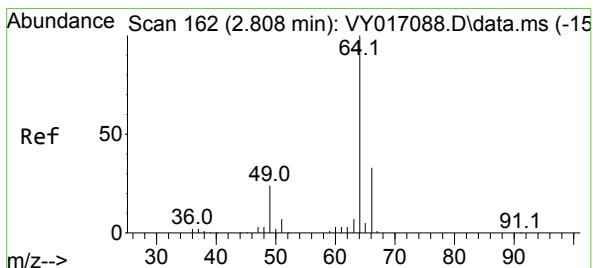
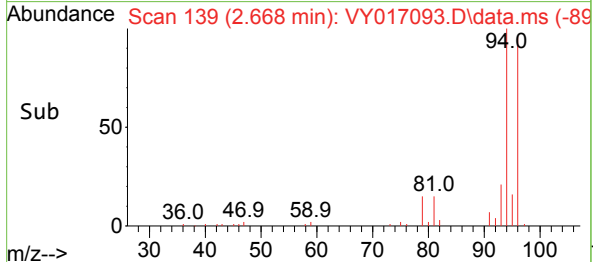
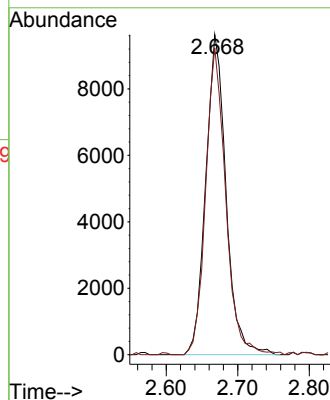
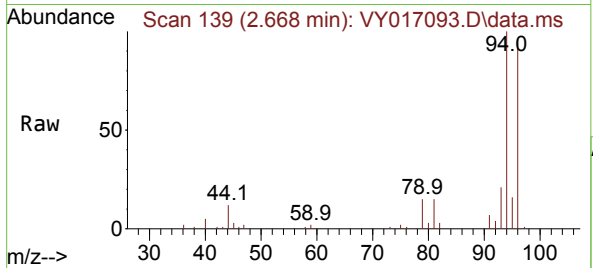




#5
Bromomethane
Concen: 10.610 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

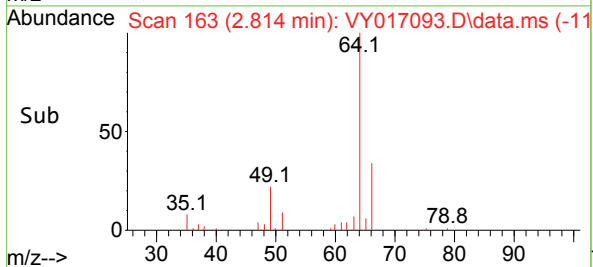
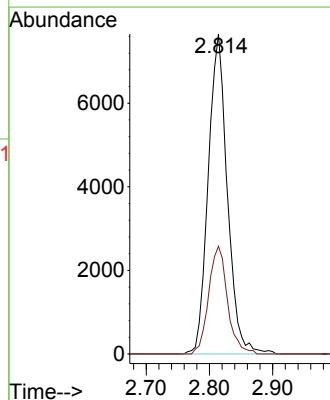
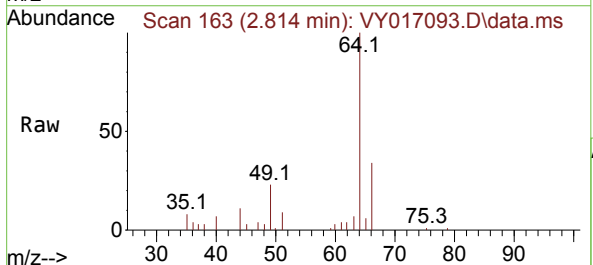
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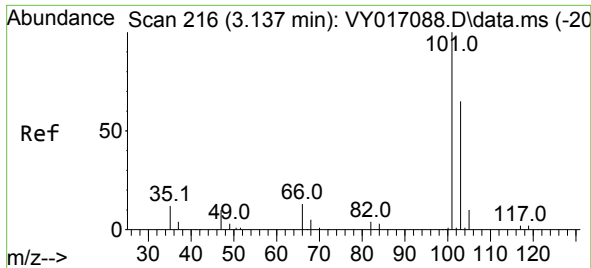
Tgt Ion: 94 Resp: 18981
Ion Ratio Lower Upper
94 100
96 95.9 77.3 115.9



#6
Chloroethane
Concen: 10.041 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 64 Resp: 16047
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7

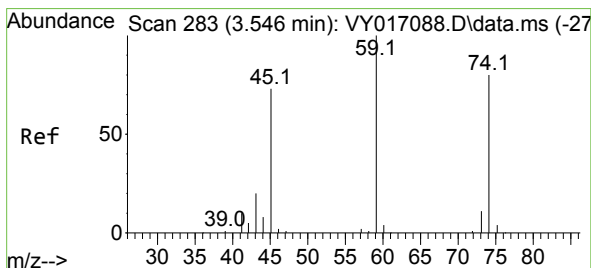
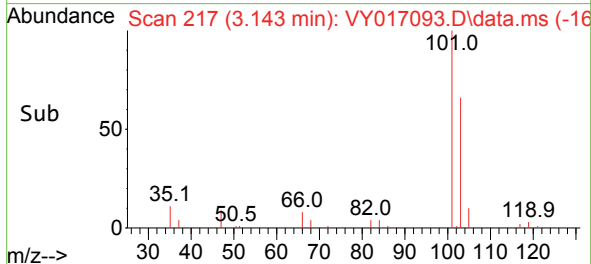
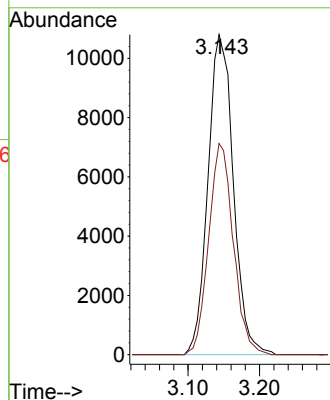
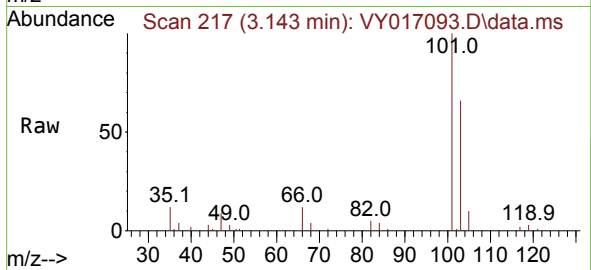




#7
Trichlorofluoromethane
Concen: 9.570 ug/l
RT: 3.143 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

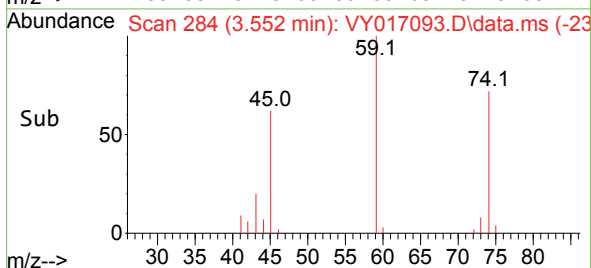
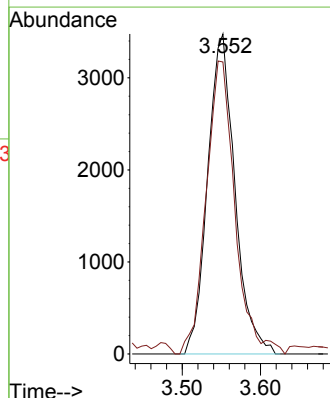
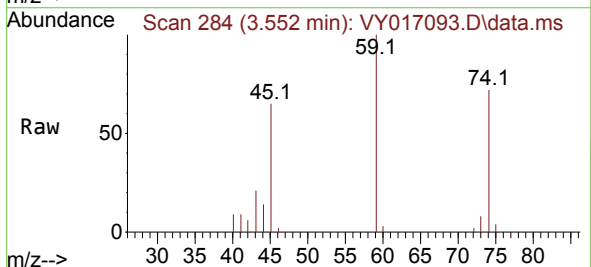
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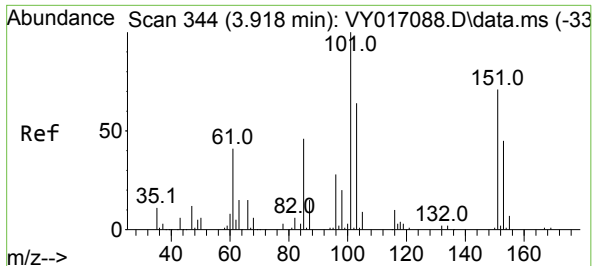
Tgt Ion:101 Resp: 26649
Ion Ratio Lower Upper
101 100
103 66.0 51.9 77.9



#8
Diethyl Ether
Concen: 11.217 ug/l
RT: 3.552 min Scan# 284
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 74 Resp: 8413
Ion Ratio Lower Upper
74 100
45 96.2 47.9 143.7

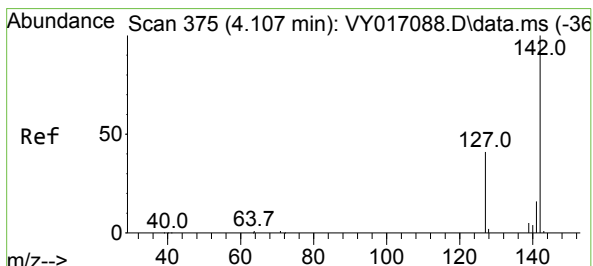
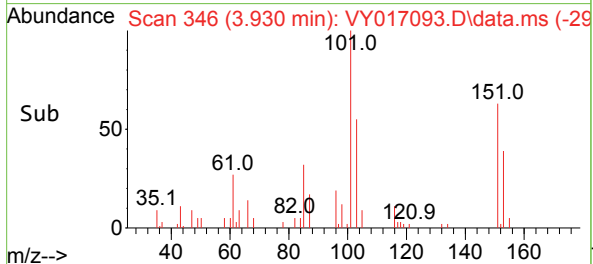
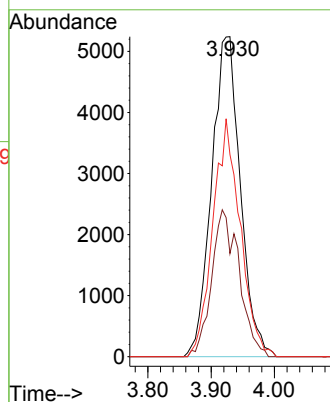
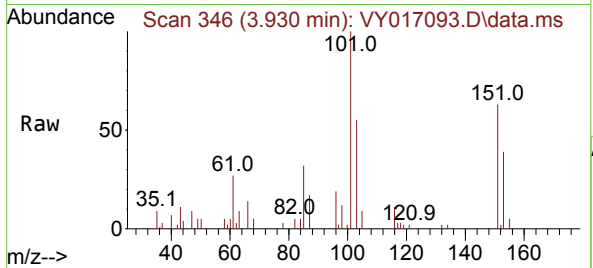




#9
1,1,2-Trichlorotrifluoroethane
Concen: 11.343 ug/l
RT: 3.930 min Scan# 344
Delta R.T. 0.019 min
Lab File: VY017093.D
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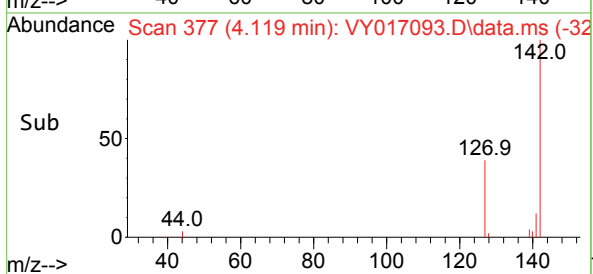
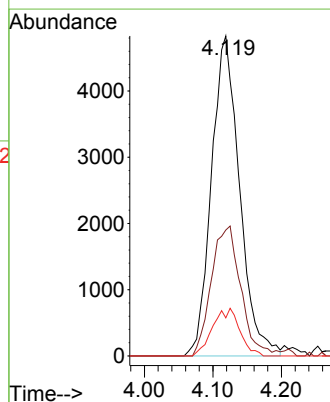
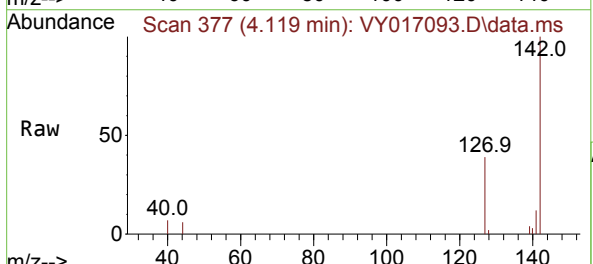
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

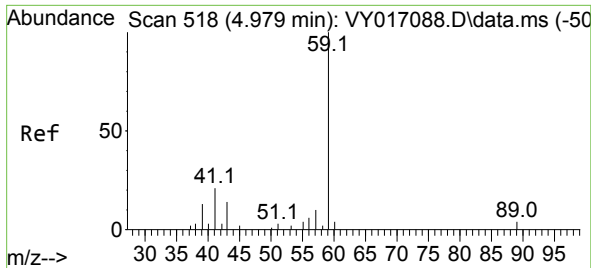
Tgt Ion:101 Resp: 16515
Ion Ratio Lower Upper
101 100
85 44.2 35.8 53.6
151 70.7 58.6 88.0



#10
Methyl Iodide
Concen: 9.935 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.013 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion:142 Resp: 13743
Ion Ratio Lower Upper
142 100
127 42.6 35.1 52.7
141 14.4 11.8 17.6

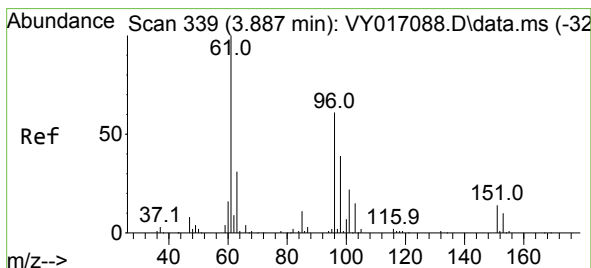
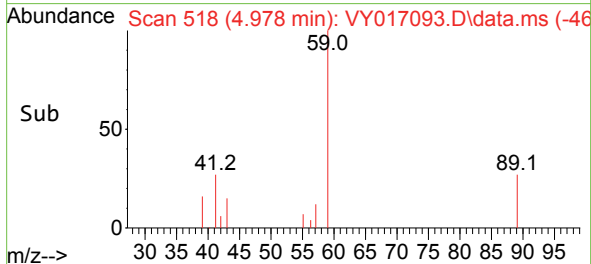
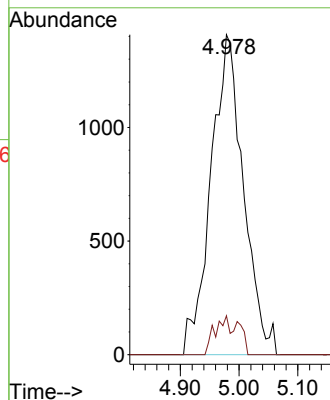
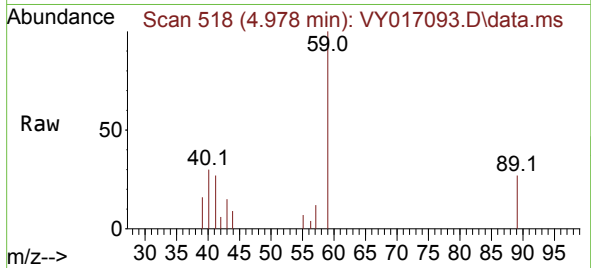




#11
Tert butyl alcohol
Concen: 54.527 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

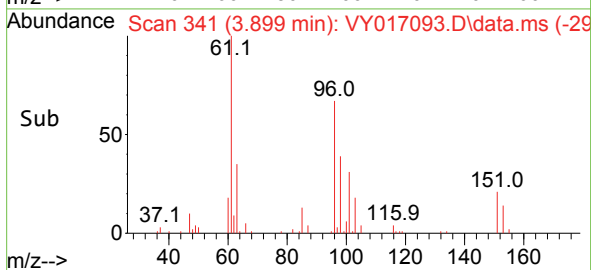
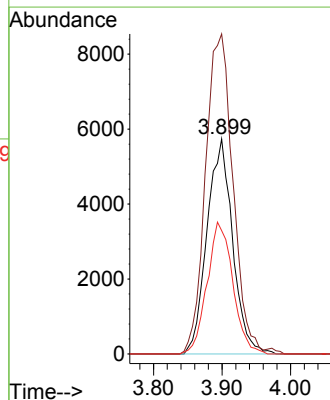
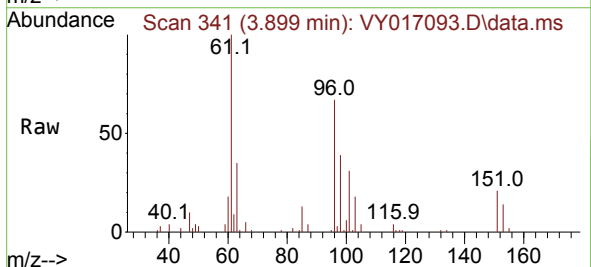
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

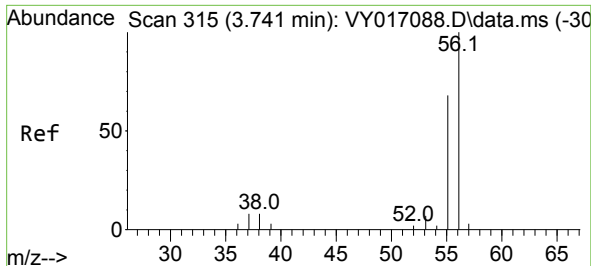
Tgt Ion: 59 Resp: 5413
Ion Ratio Lower Upper
59 100
57 6.1 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 11.197 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 96 Resp: 14924
Ion Ratio Lower Upper
96 100
61 148.9 124.2 186.2
98 57.4 52.6 79.0





#13

Acrolein

Concen: 58.802 ug/l

RT: 3.753 min Scan# 315

Delta R.T. 0.012 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

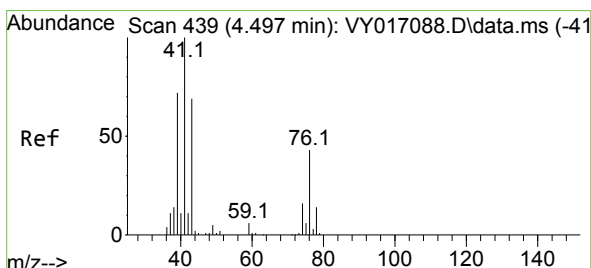
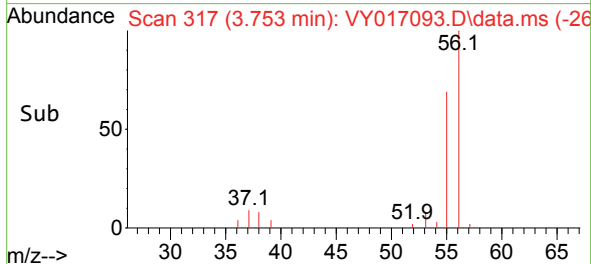
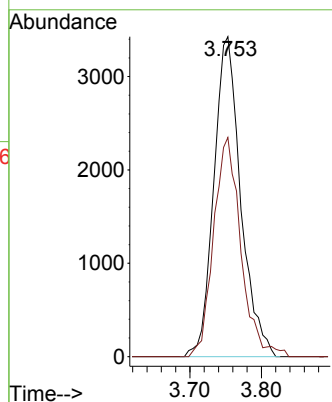
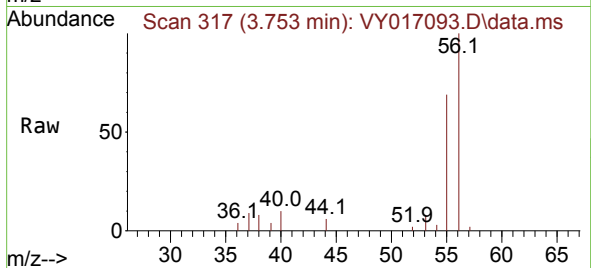
VSTDIC010

Tgt Ion: 56 Resp: 8944

Ion Ratio Lower Upper

56 100

55 69.4 55.4 83.0



#14

Allyl chloride

Concen: 10.753 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

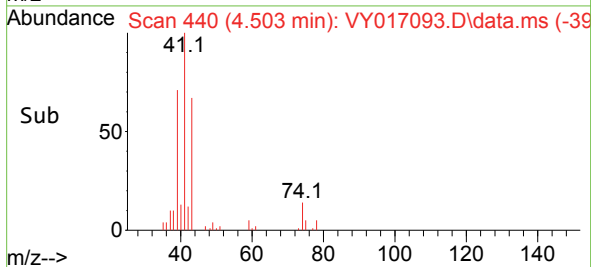
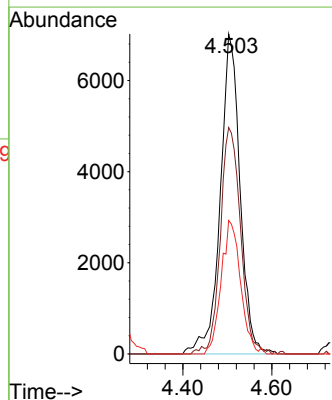
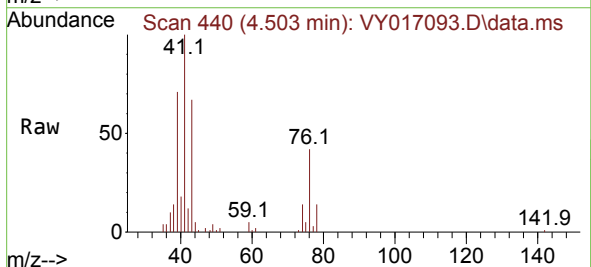
Tgt Ion: 41 Resp: 21662

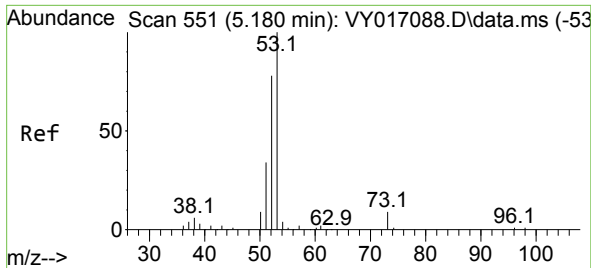
Ion Ratio Lower Upper

41 100

39 72.1 54.7 82.1

76 40.9 31.8 47.6





#15

Acrylonitrile

Concen: 56.147 ug/l

RT: 5.198 min Scan# 51

Delta R.T. 0.019 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

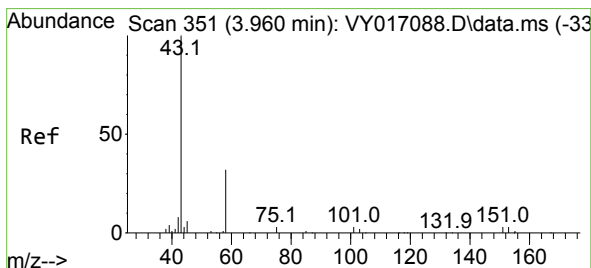
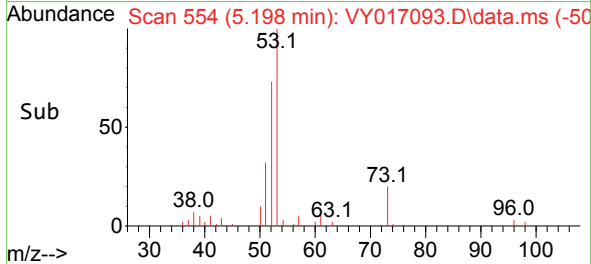
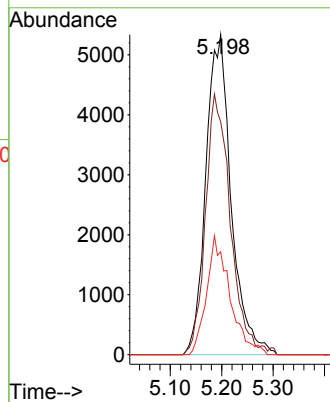
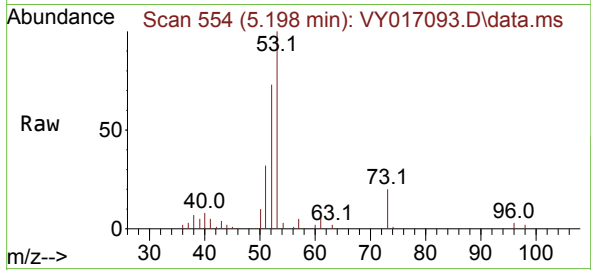
Tgt Ion: 53 Resp: 18276

Ion Ratio Lower Upper

53 100

52 80.2 65.1 97.7

51 34.4 29.0 43.4



#16

Acetone

Concen: 54.898 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.006 min

Lab File: VY017093.D

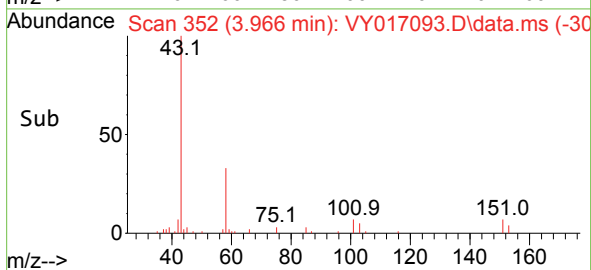
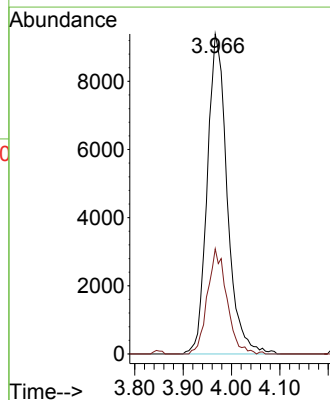
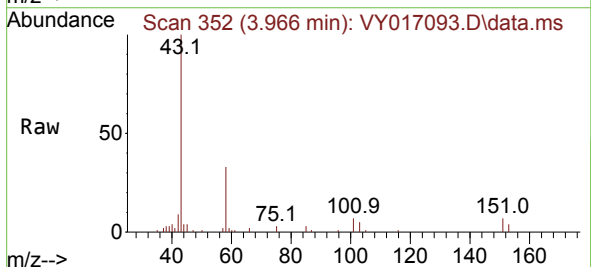
Acq: 24 Jan 2024 15:13

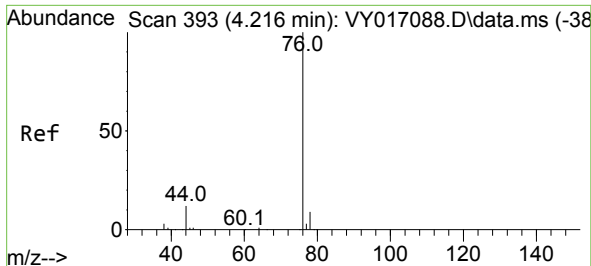
Tgt Ion: 43 Resp: 26873

Ion Ratio Lower Upper

43 100

58 32.8 26.6 39.8

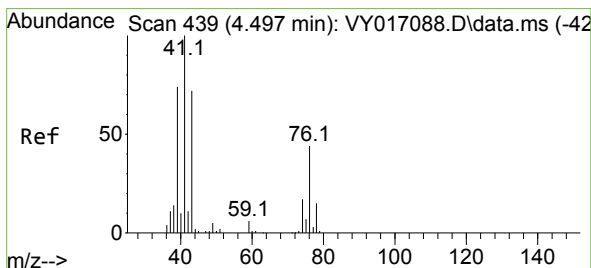
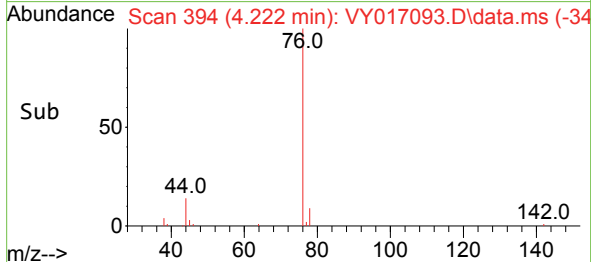
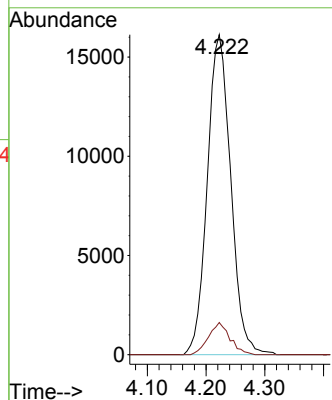
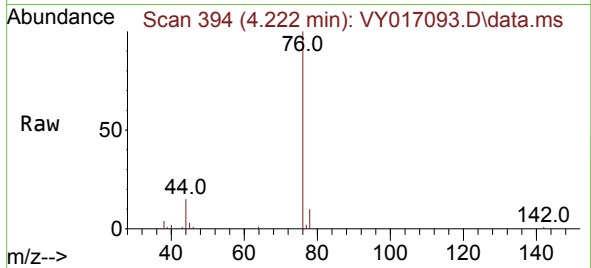




#17
Carbon Disulfide
Concen: 11.127 ug/l
RT: 4.222 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

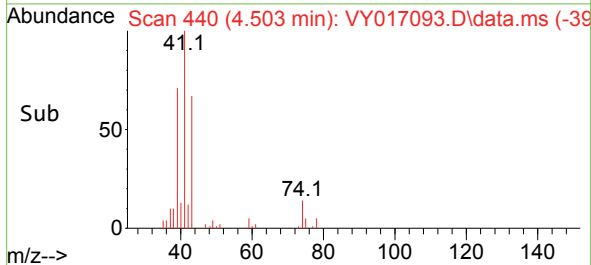
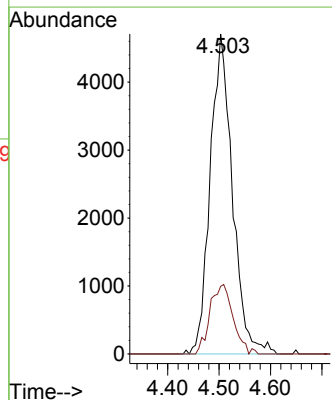
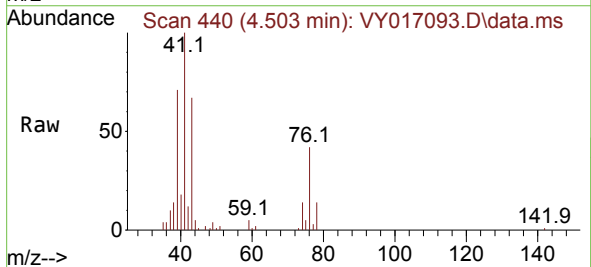
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

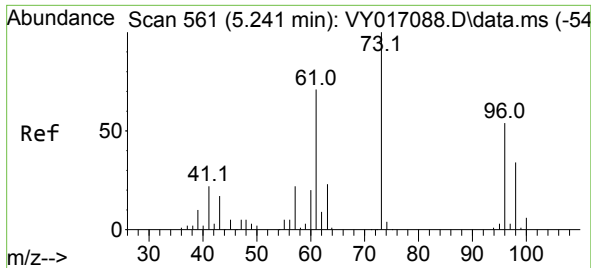
Tgt Ion: 76 Resp: 44696
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#18
Methyl Acetate
Concen: 10.847 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 43 Resp: 14113
Ion Ratio Lower Upper
43 100
74 22.7 19.8 29.6

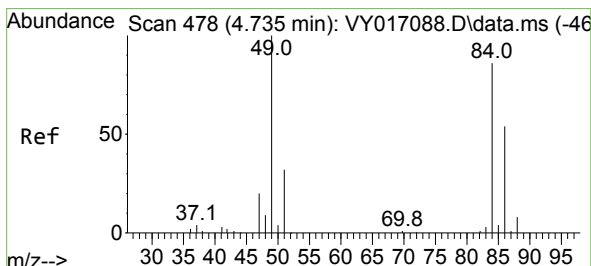
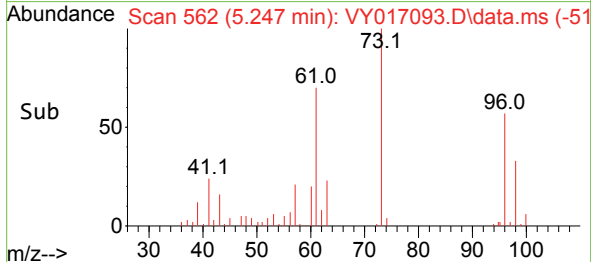
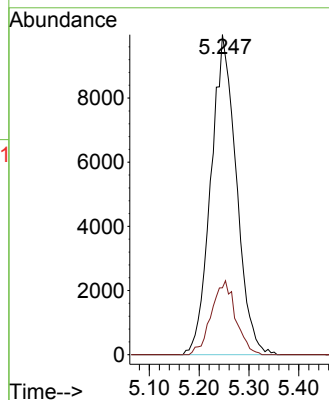
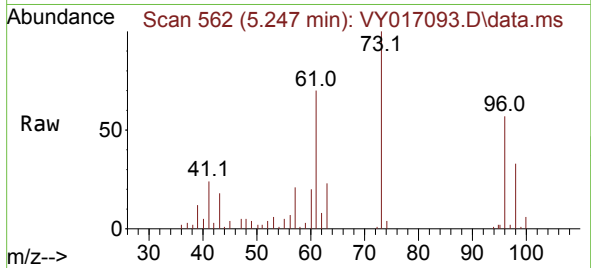




#19
Methyl tert-butyl Ether
Concen: 10.887 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.013 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

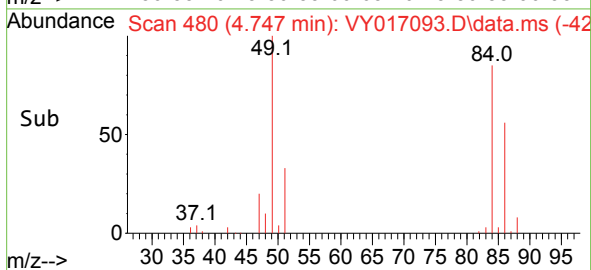
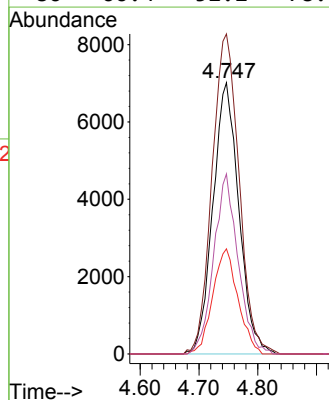
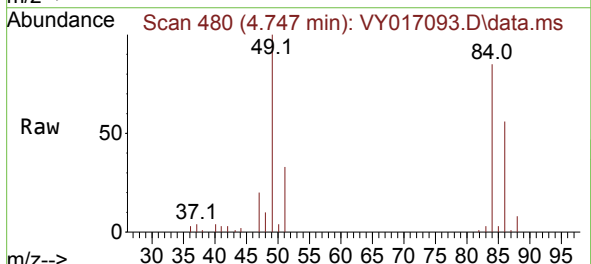
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

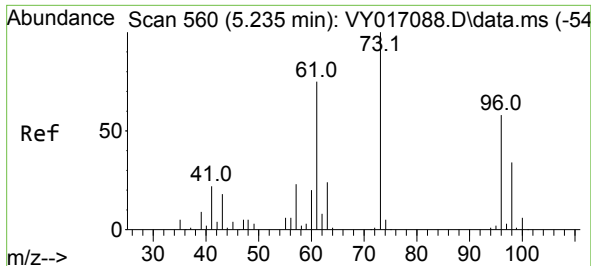
Tgt Ion: 73 Resp: 35409
Ion Ratio Lower Upper
73 100
57 20.9 17.7 26.5



#20
Methylene Chloride
Concen: 10.440 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.013 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 84 Resp: 21500
Ion Ratio Lower Upper
84 100
49 118.0 95.2 142.8
51 38.7 29.9 44.9
86 66.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 11.335 ug/l

RT: 5.253 min Scan# 5

Delta R.T. 0.013 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

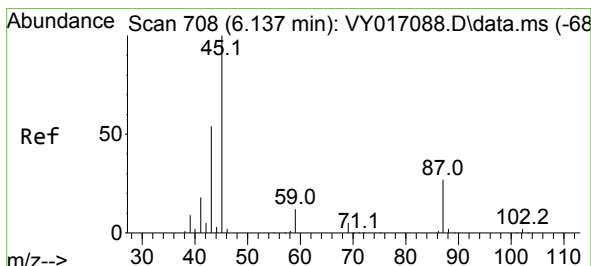
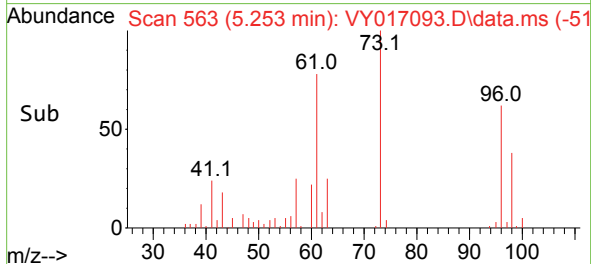
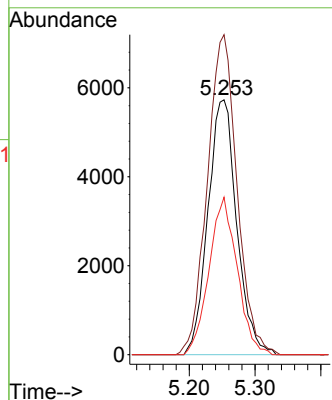
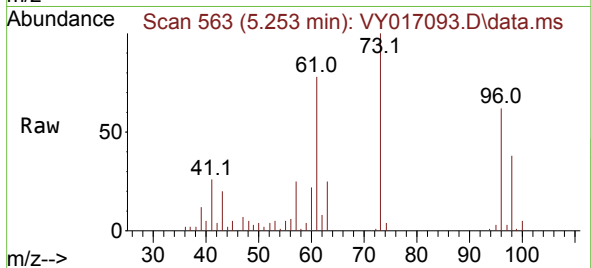
Tgt Ion: 96 Resp: 17474

Ion Ratio Lower Upper

96 100

61 125.5 104.6 156.8

98 61.8 50.9 76.3



#22

Diisopropyl ether

Concen: 10.974 ug/l

RT: 6.149 min Scan# 710

Delta R.T. 0.018 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Tgt Ion: 45 Resp: 48799

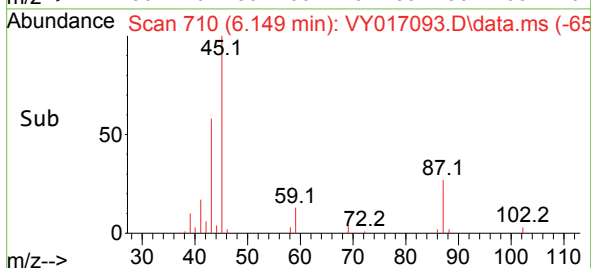
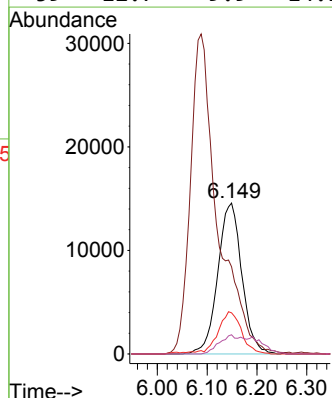
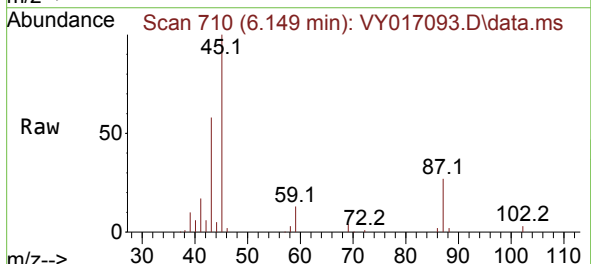
Ion Ratio Lower Upper

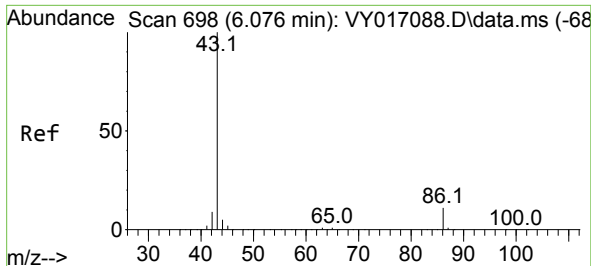
45 100

43 56.7 46.8 70.2

87 27.2 22.2 33.2

59 12.7 9.9 14.9

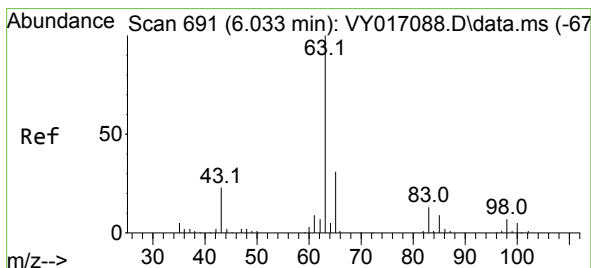
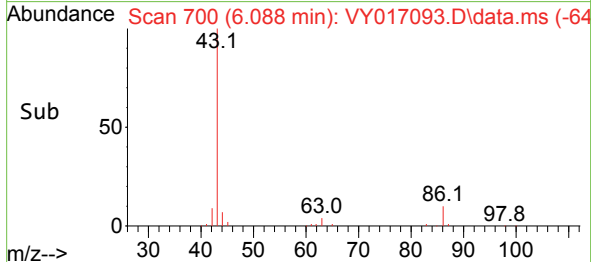
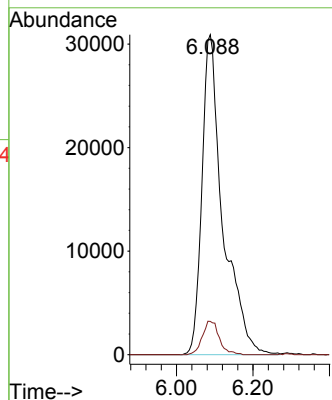
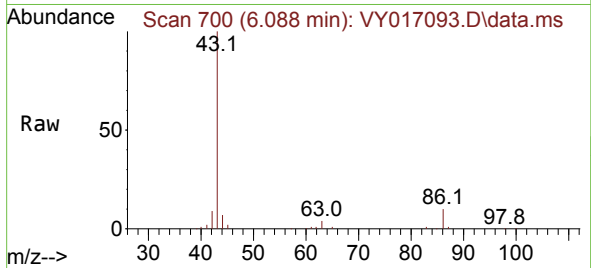




#23
Vinyl Acetate
Concen: 54.399 ug/l
RT: 6.088 min Scan# 70
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

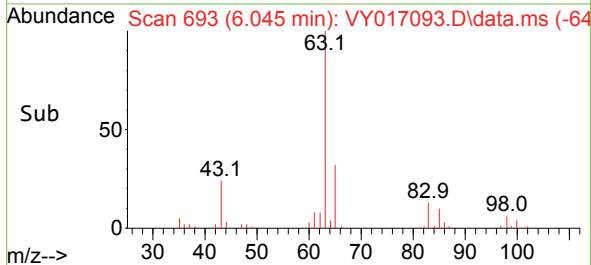
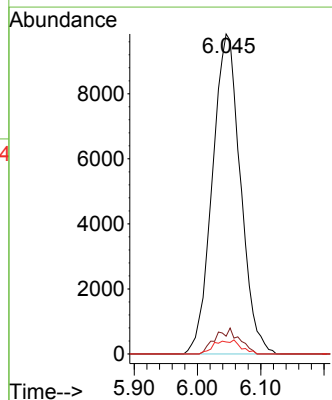
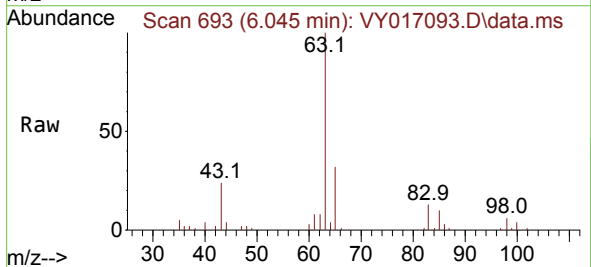
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

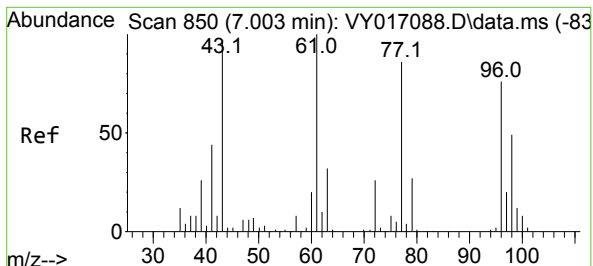
Tgt Ion: 43 Resp: 117341
Ion Ratio Lower Upper
43 100
86 10.4 8.6 13.0



#24
1,1-Dichloroethane
Concen: 11.169 ug/l
RT: 6.045 min Scan# 693
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 63 Resp: 30293
Ion Ratio Lower Upper
63 100
98 5.6 3.8 11.4
100 3.7 2.1 6.2





#25

2-Butanone

Concen: 55.248 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.019 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

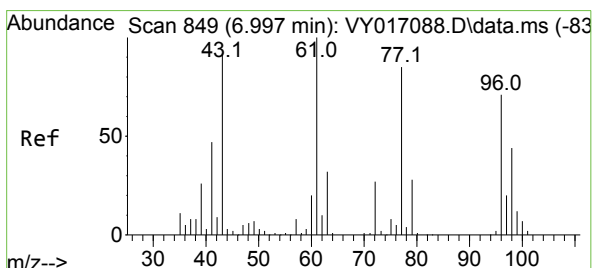
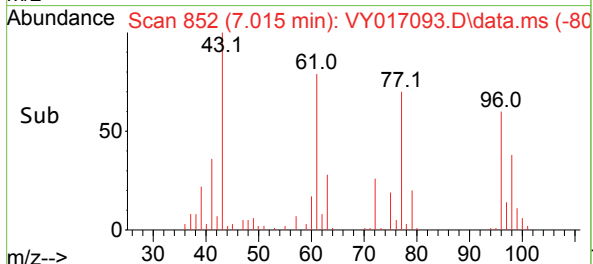
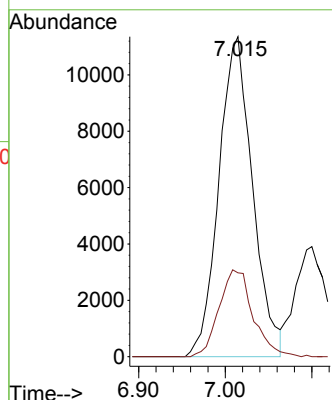
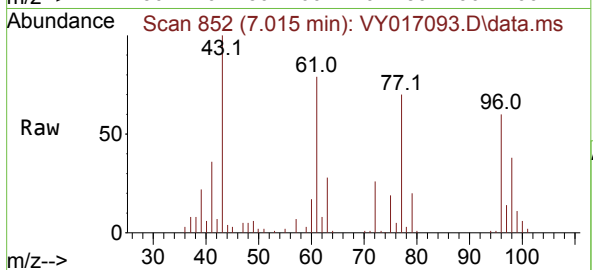
VSTDICC010

Tgt Ion: 43 Resp: 30685

Ion Ratio Lower Upper

43 100

72 26.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 10.796 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.013 min

Lab File: VY017093.D

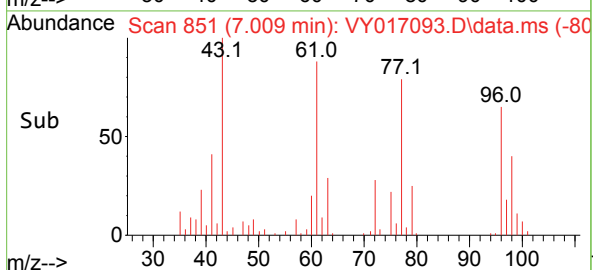
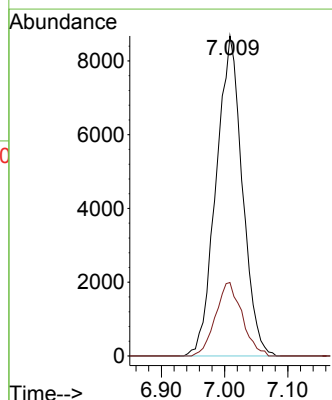
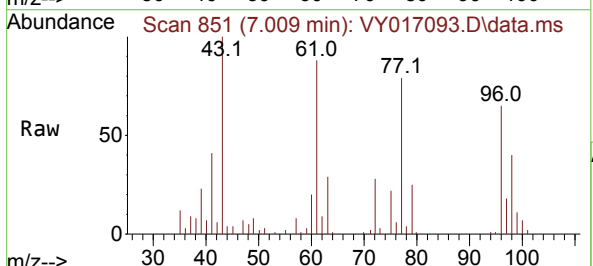
Acq: 24 Jan 2024 15:13

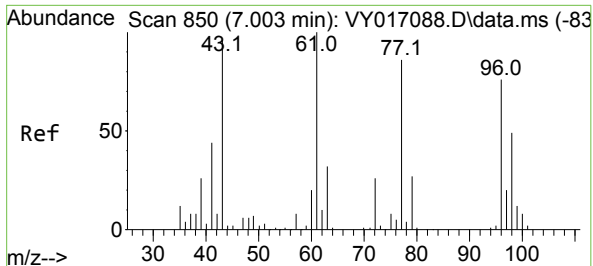
Tgt Ion: 77 Resp: 25010

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 10.927 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.007 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

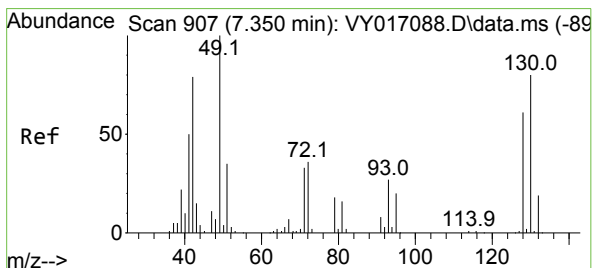
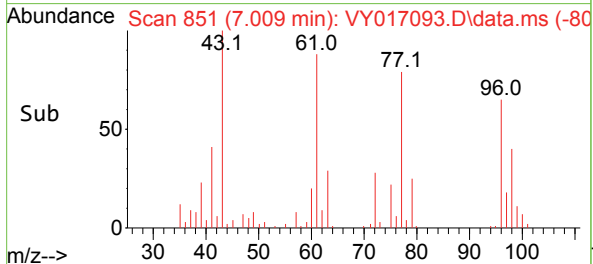
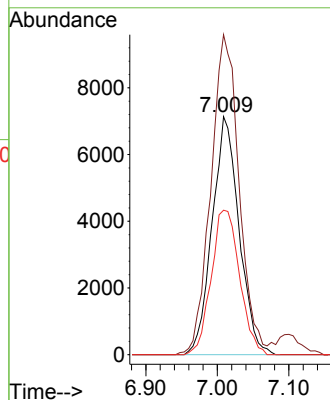
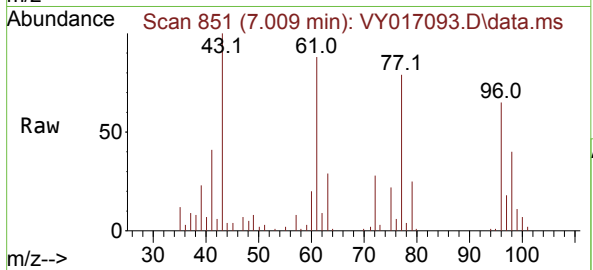
Tgt Ion: 96 Resp: 18667

Ion Ratio Lower Upper

96 100

61 140.9 0.0 278.8

98 64.0 0.0 127.0



#28

Bromochloromethane

Concen: 10.617 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

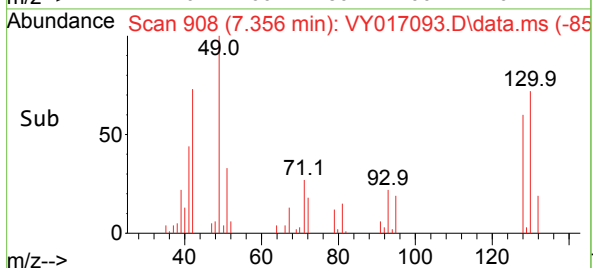
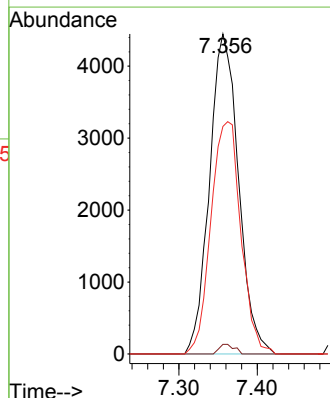
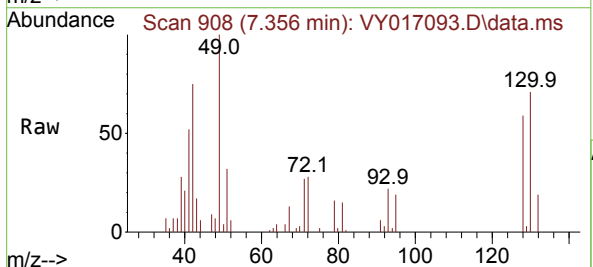
Tgt Ion: 49 Resp: 11464

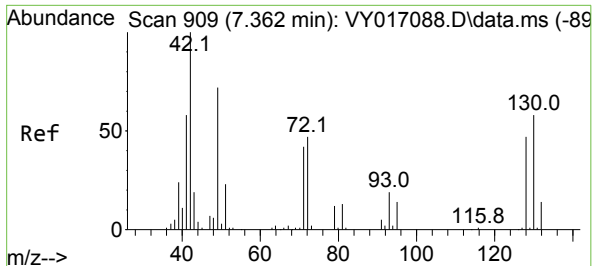
Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.8

130 74.7 59.8 89.8





#29

Tetrahydrofuran

Concen: 54.554 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

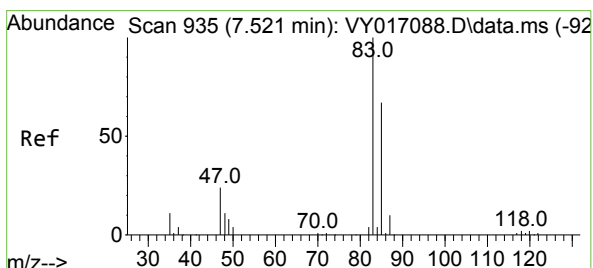
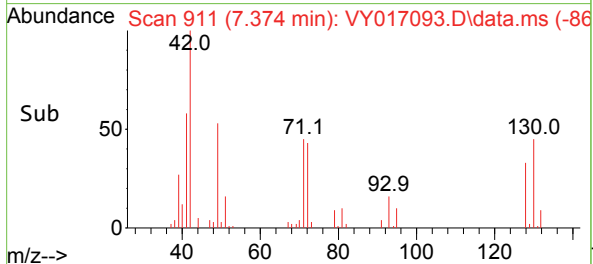
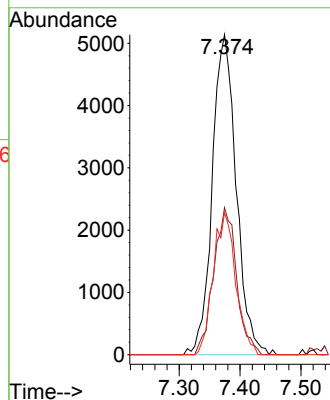
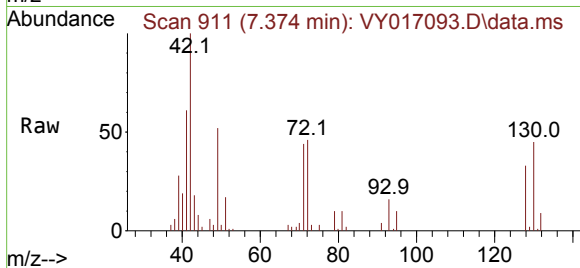
Tgt Ion: 42 Resp: 14030

Ion Ratio Lower Upper

42 100

72 44.0 36.6 54.8

71 41.8 33.8 50.6



#30

Chloroform

Concen: 11.208 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY017093.D

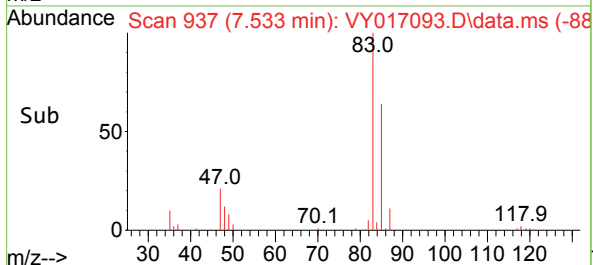
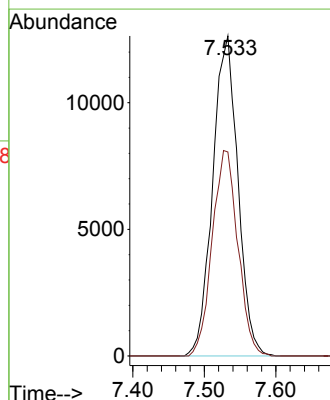
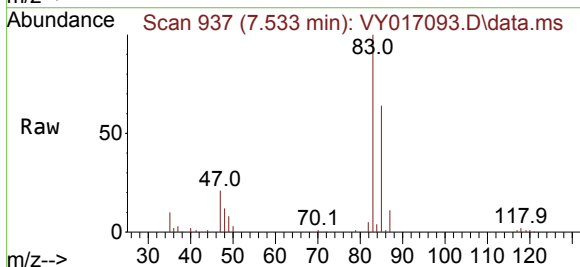
Acq: 24 Jan 2024 15:13

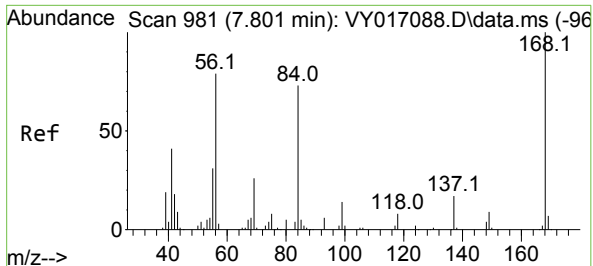
Tgt Ion: 83 Resp: 30955

Ion Ratio Lower Upper

83 100

85 63.7 51.2 76.8

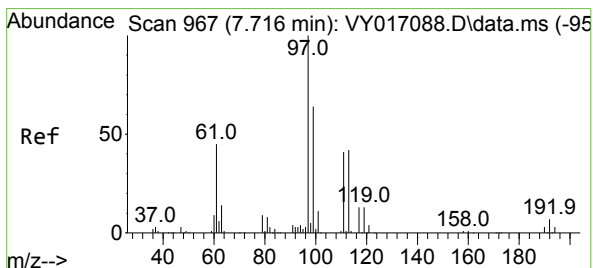
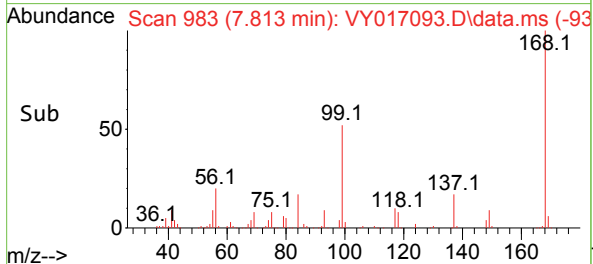
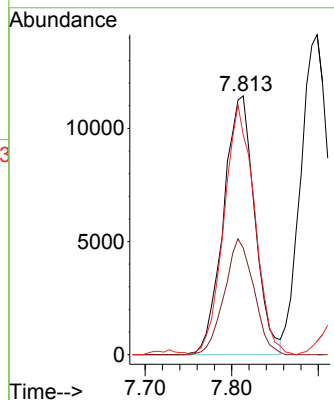
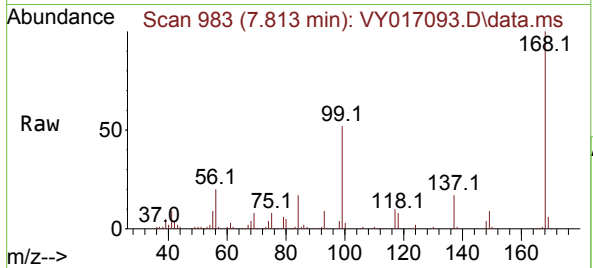




#31
Cyclohexane
Concen: 10.232 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

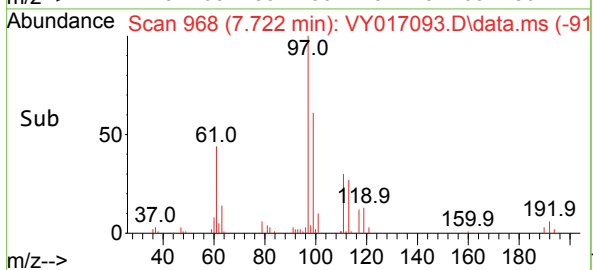
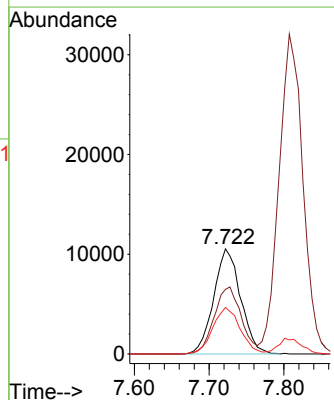
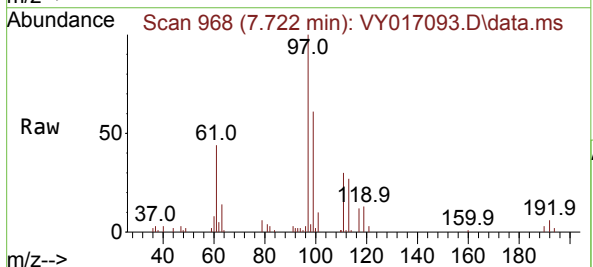
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

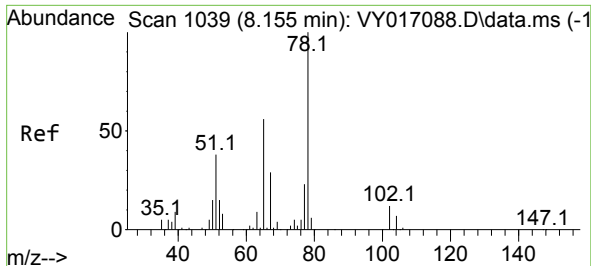
Tgt Ion: 56 Resp: 28653
Ion Ratio Lower Upper
56 100
69 41.2 27.0 40.6#
84 84.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 11.141 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 97 Resp: 26384
Ion Ratio Lower Upper
97 100
99 64.0 51.2 76.8
61 45.1 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 10.548 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

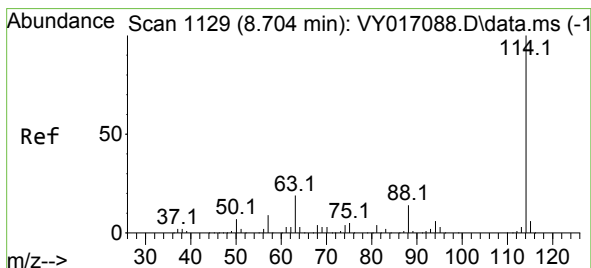
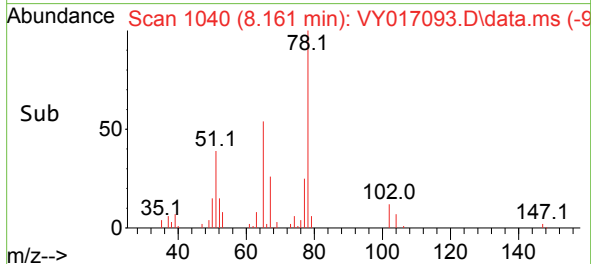
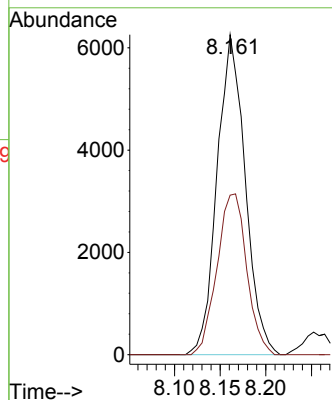
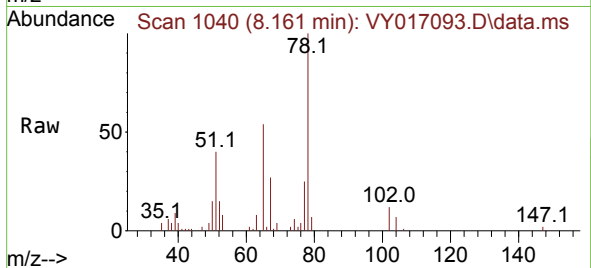
VSTDIC010

Tgt Ion: 65 Resp: 13378

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

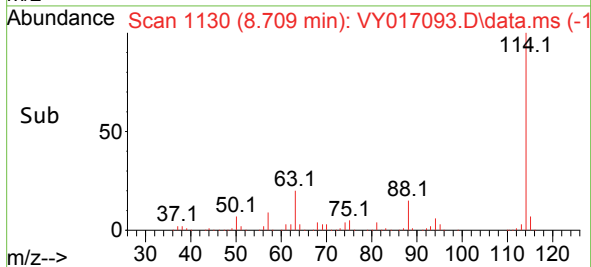
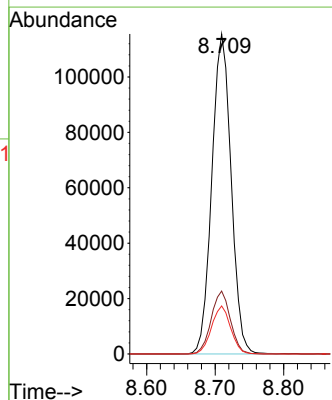
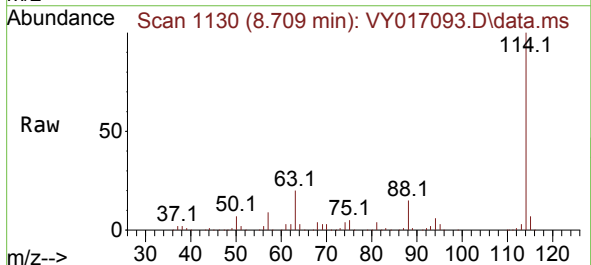
Tgt Ion: 114 Resp: 225300

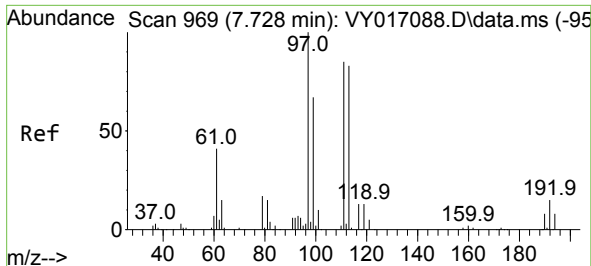
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 15.0 0.0 29.0

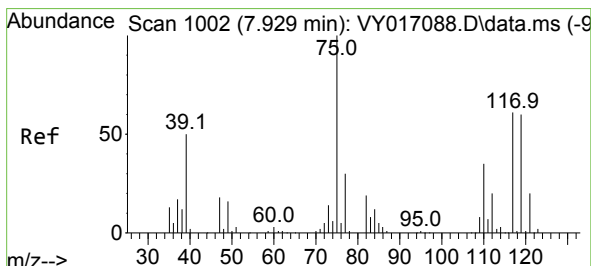
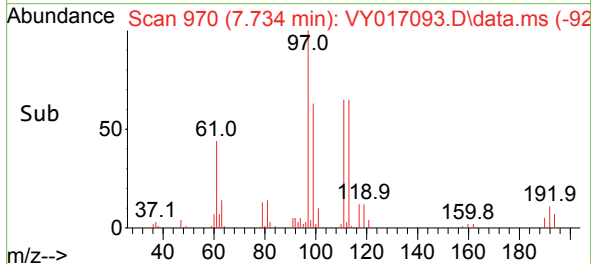
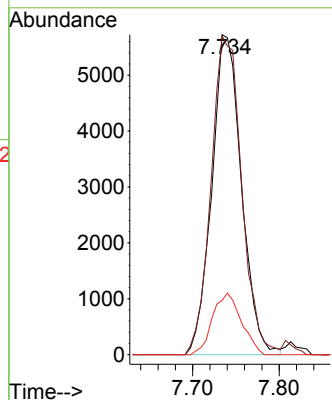
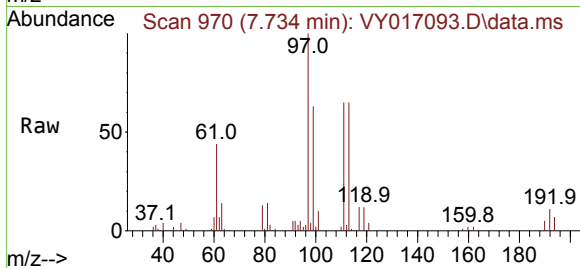




#35
Dibromofluoromethane
Concen: 10.007 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

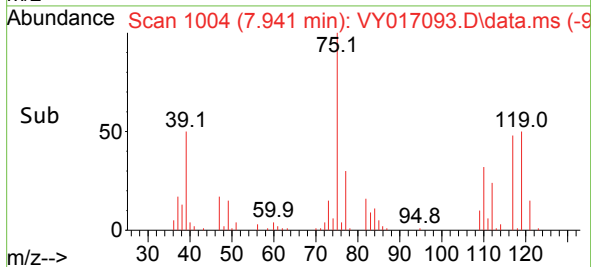
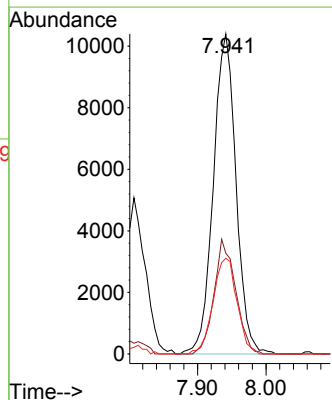
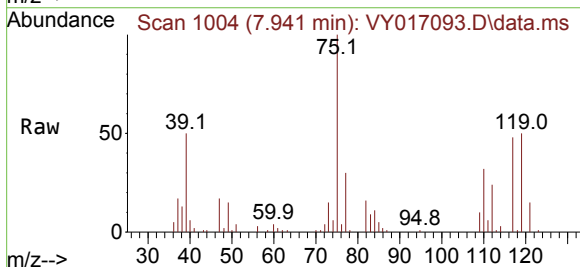
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

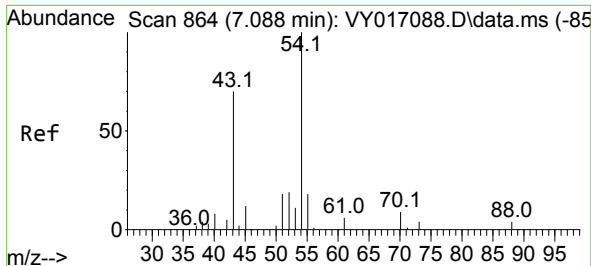
Tgt Ion:113 Resp: 13608
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 18.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 10.669 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 75 Resp: 23870
Ion Ratio Lower Upper
75 100
110 34.1 17.4 52.3
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 10.509 ug/l

RT: 7.100 min Scan# 8

Delta R.T. 0.012 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

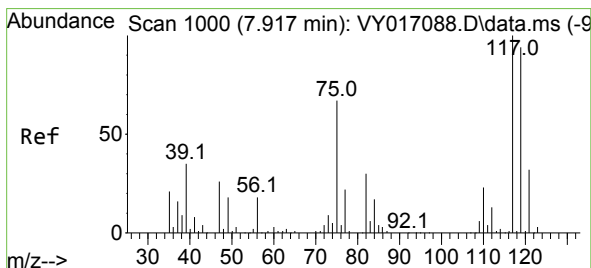
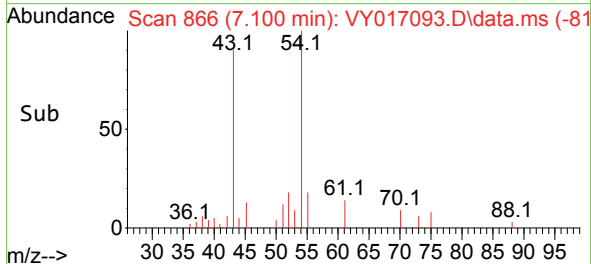
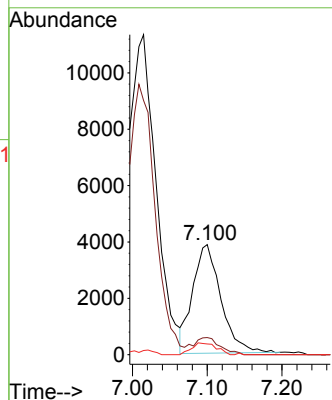
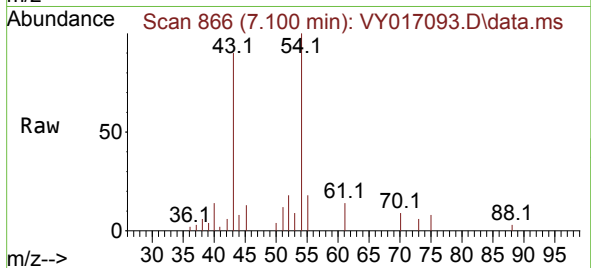
Tgt Ion: 43 Resp: 10110

Ion Ratio Lower Upper

43 100

61 14.9 11.0 16.6

70 9.4 8.1 12.1



#38

Carbon Tetrachloride

Concen: 10.766 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

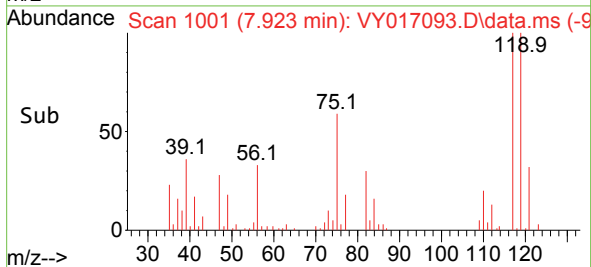
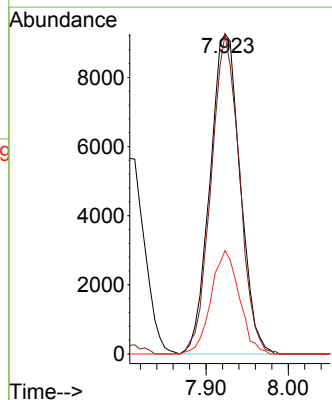
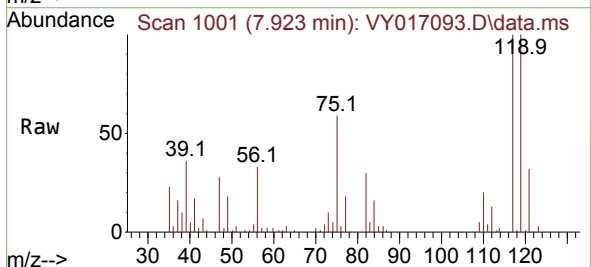
Tgt Ion: 117 Resp: 23604

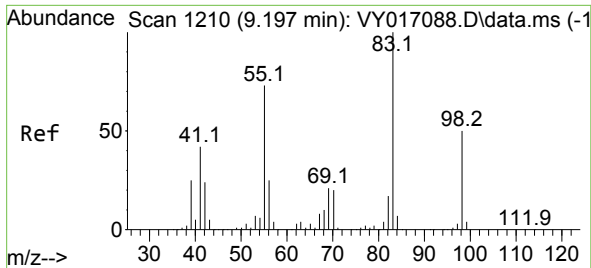
Ion Ratio Lower Upper

117 100

119 99.8 76.0 114.0

121 32.3 24.2 36.2

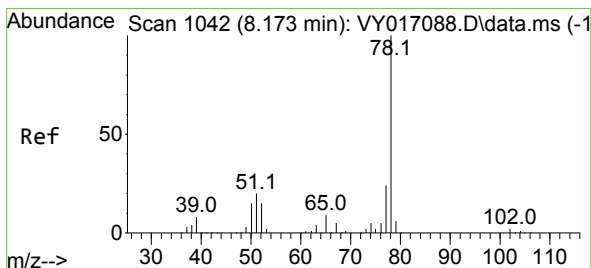
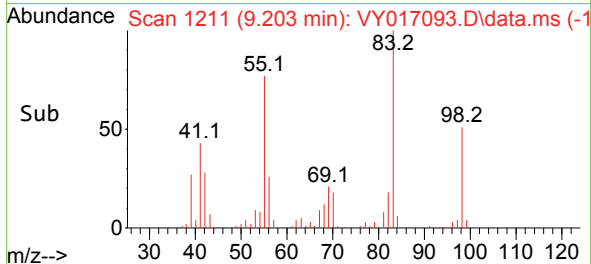
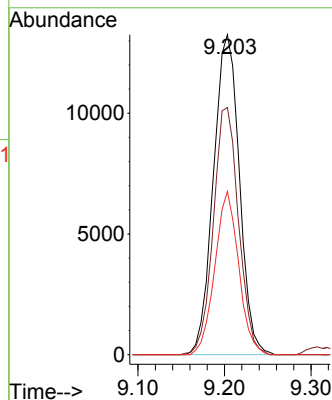
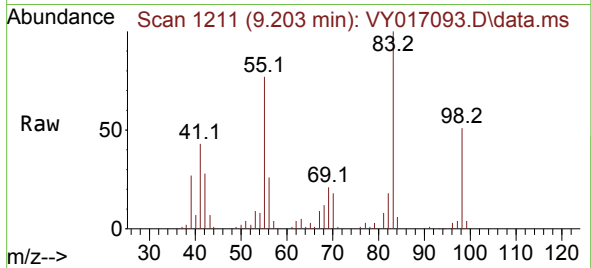




#39
Methylcyclohexane
Concen: 10.245 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

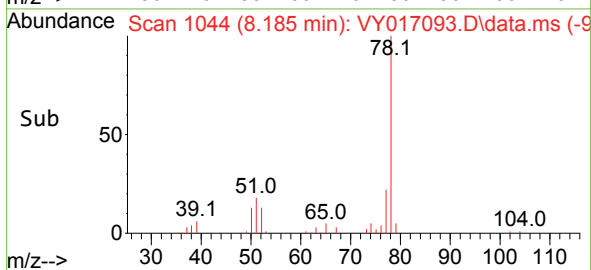
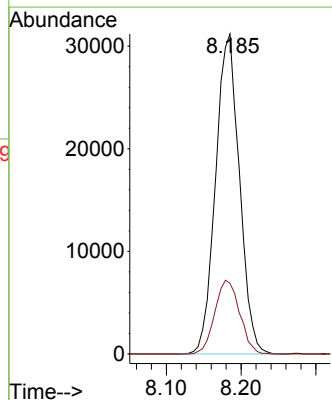
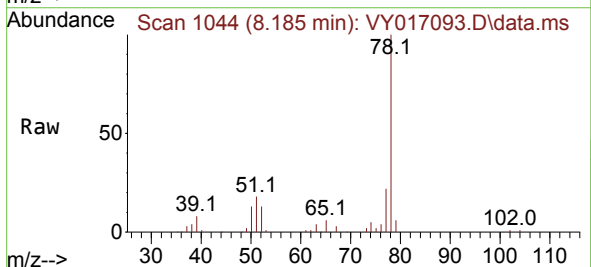
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

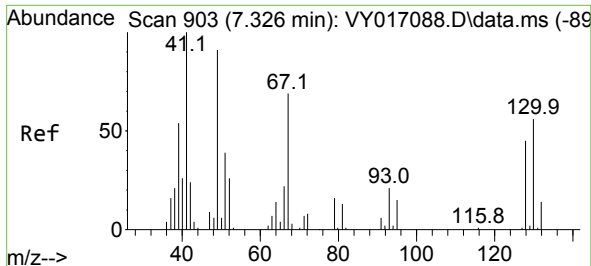
Tgt Ion: 83 Resp: 27568
Ion Ratio Lower Upper
83 100
55 77.3 59.7 89.5
98 51.0 38.0 57.0



#40
Benzene
Concen: 10.646 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 78 Resp: 69169
Ion Ratio Lower Upper
78 100
77 22.0 18.8 28.2



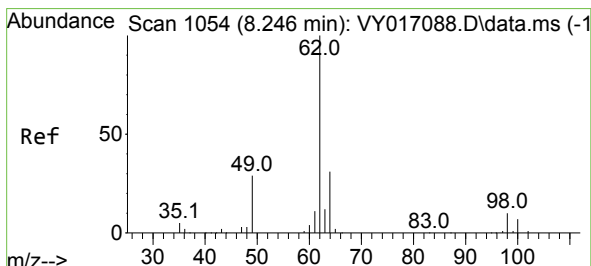
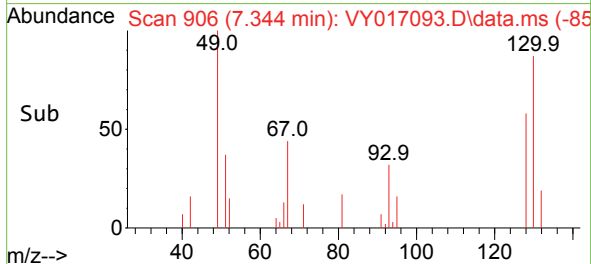
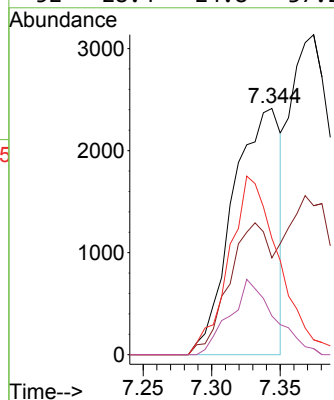
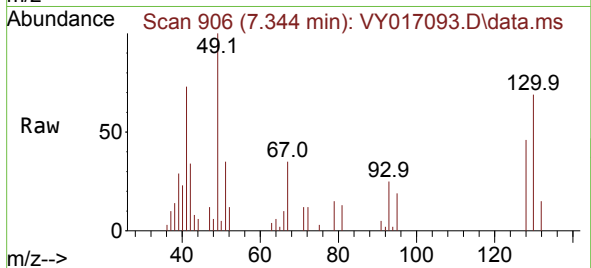


#41
Methacrylonitrile
Concen: 11.394 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.025 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

Tgt Ion: 41 Resp: 5862

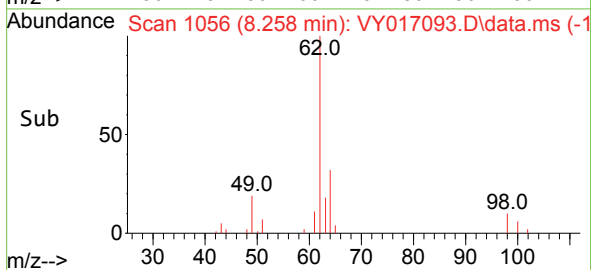
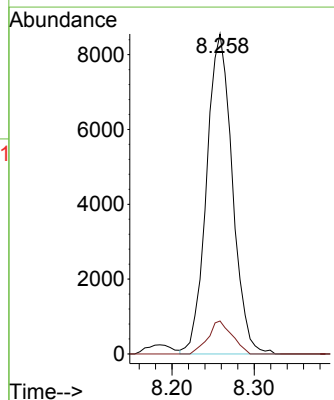
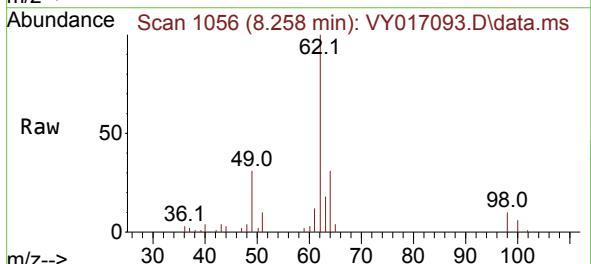
Ion	Ratio	Lower	Upper
41	100		
39	46.5	41.9	62.9
67	76.1	59.8	89.6
52	28.4	24.8	37.2

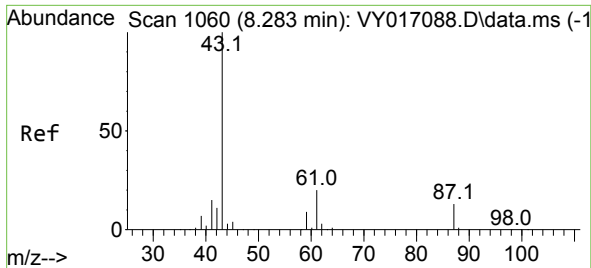


#42
1,2-Dichloroethane
Concen: 11.053 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 62 Resp: 18619

Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	20.2

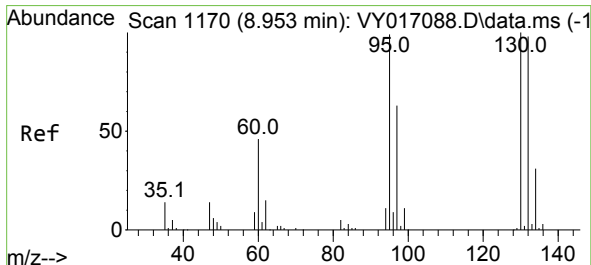
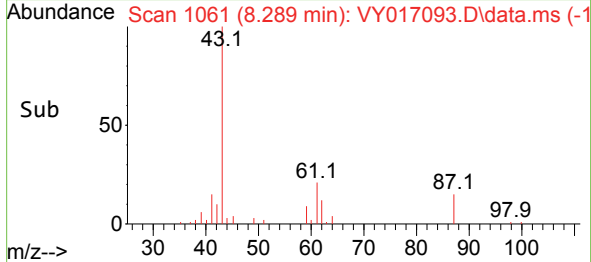
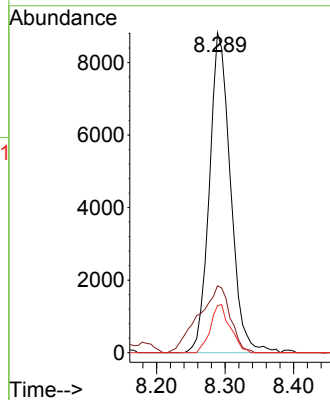
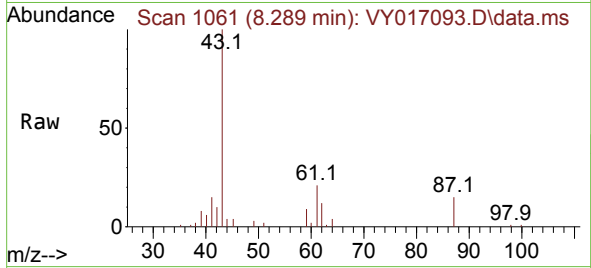




#43
Isopropyl Acetate
Concen: 10.525 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

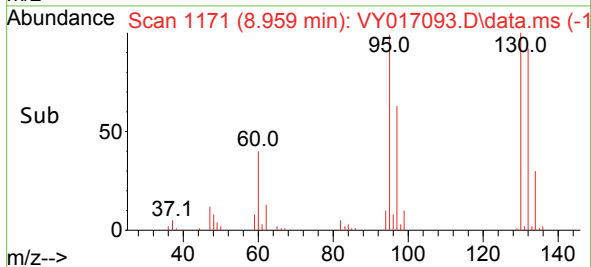
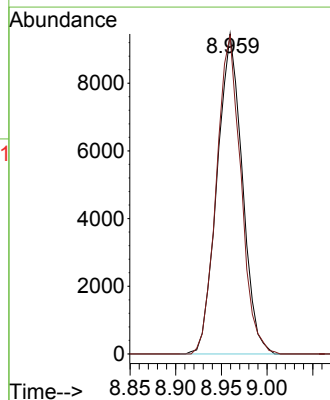
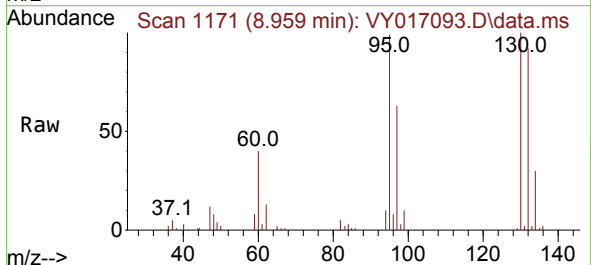
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

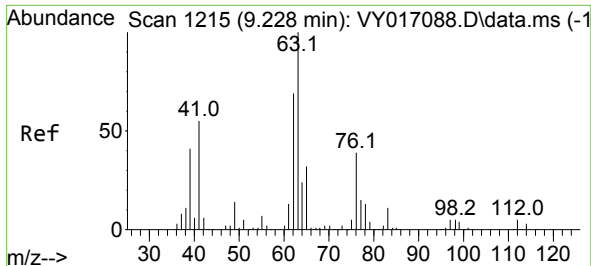
Tgt Ion: 43 Resp: 18902
Ion Ratio Lower Upper
43 100
61 31.2 24.8 37.2
87 14.1 10.7 16.1



#44
Trichloroethene
Concen: 10.881 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion:130 Resp: 18132
Ion Ratio Lower Upper
130 100
95 99.5 0.0 203.8

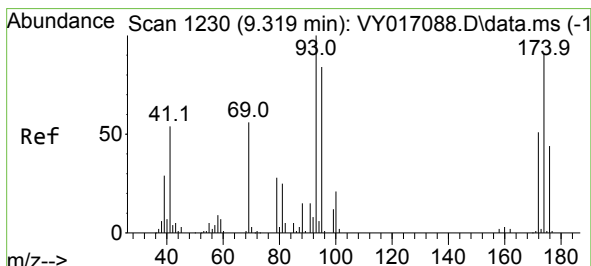
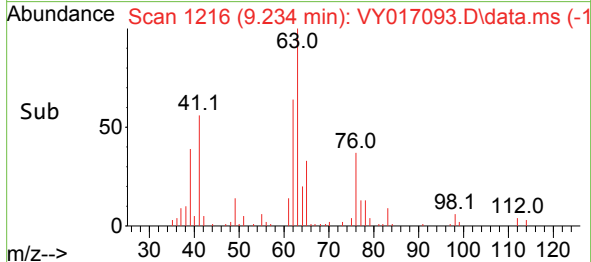
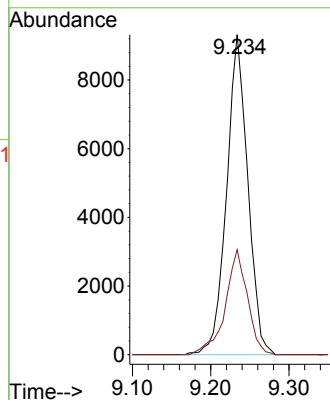
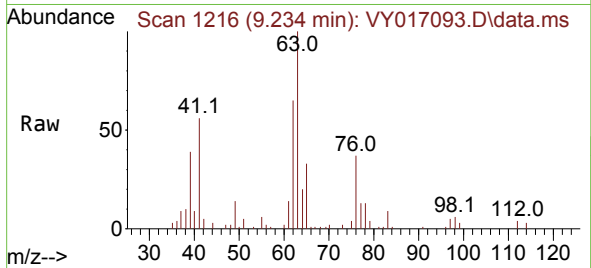




#45
1,2-Dichloropropane
Concen: 10.975 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

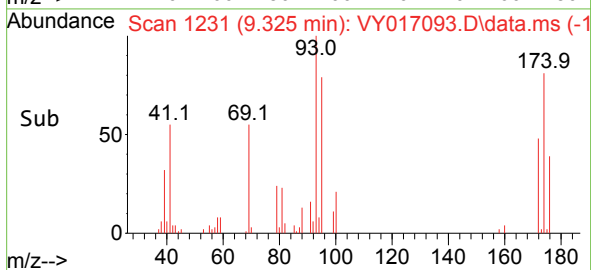
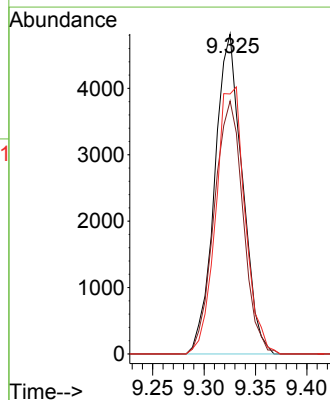
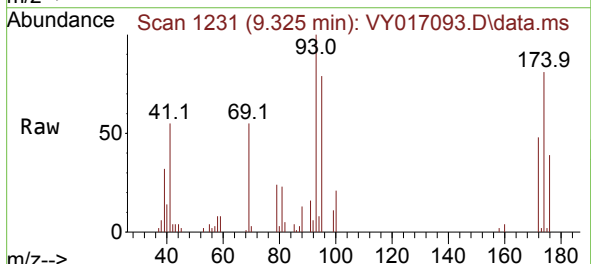
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

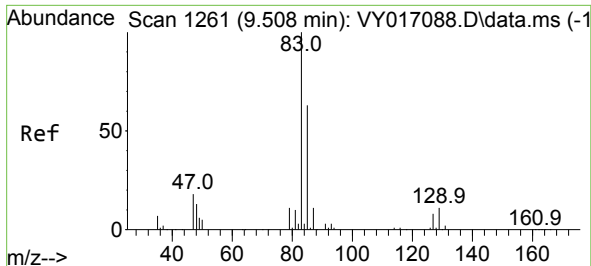
Tgt Ion: 63 Resp: 17502
Ion Ratio Lower Upper
63 100
65 32.8 24.6 36.8



#46
Dibromomethane
Concen: 10.637 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 93 Resp: 9009
Ion Ratio Lower Upper
93 100
95 82.8 66.6 99.8
174 88.0 73.8 110.6

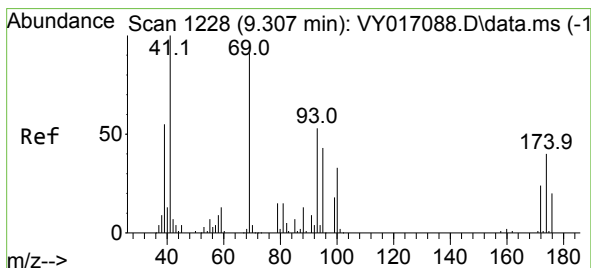
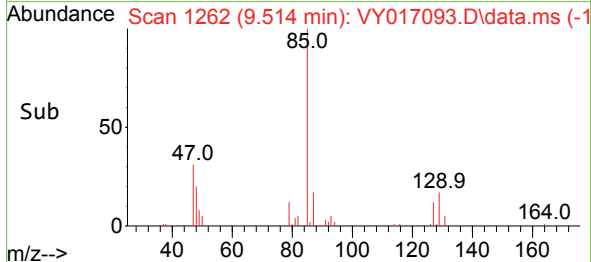
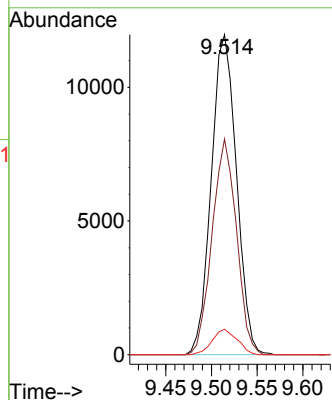
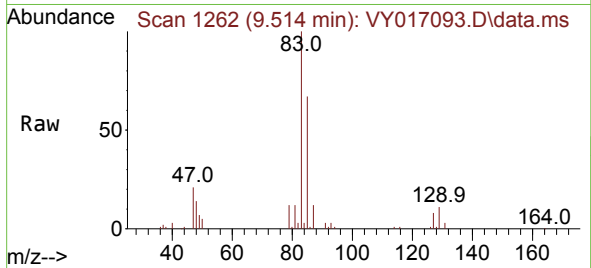




#47
Bromodichloromethane
Concen: 10.639 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

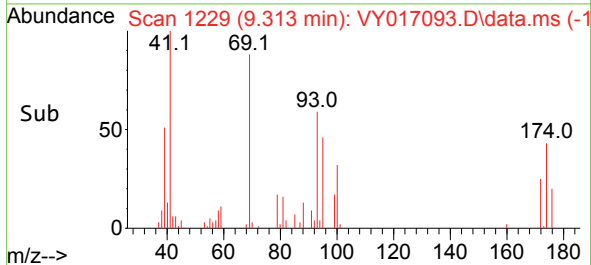
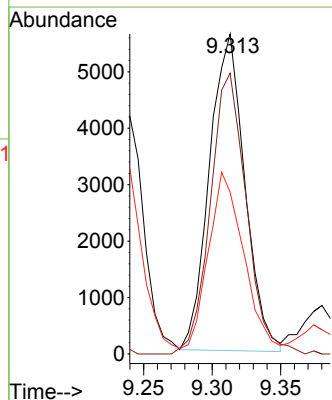
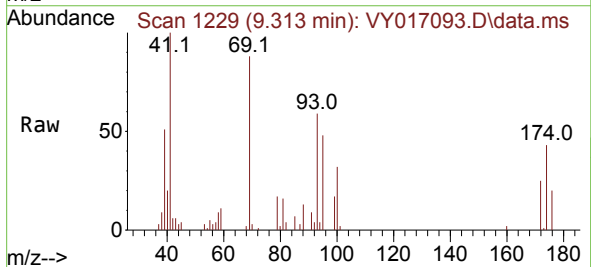
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

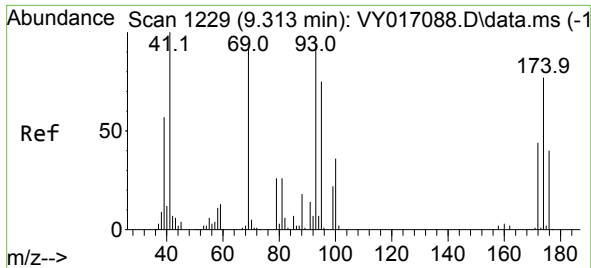
Tgt Ion: 83 Resp: 22924
Ion Ratio Lower Upper
83 100
85 67.4 53.2 79.8
127 8.0 6.4 9.6



#48
Methyl methacrylate
Concen: 10.110 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 41 Resp: 10081
Ion Ratio Lower Upper
41 100
69 90.3 72.1 108.1
39 55.2 42.8 64.2

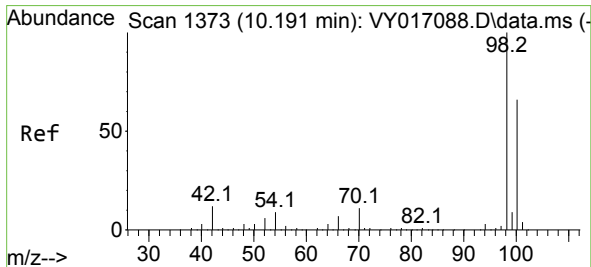
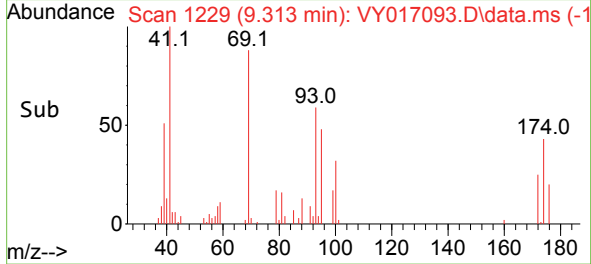
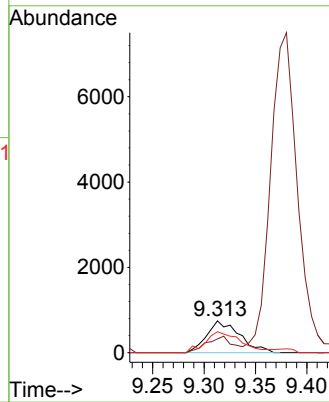
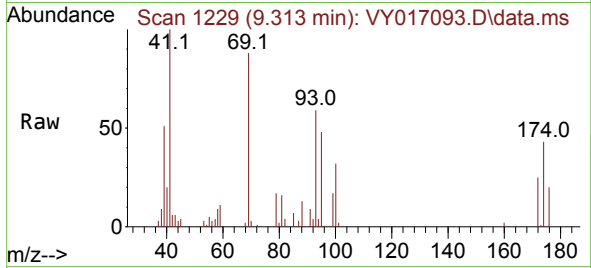




#49
1,4-Dioxane
Concen: 199.166 ug/l
RT: 9.313 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

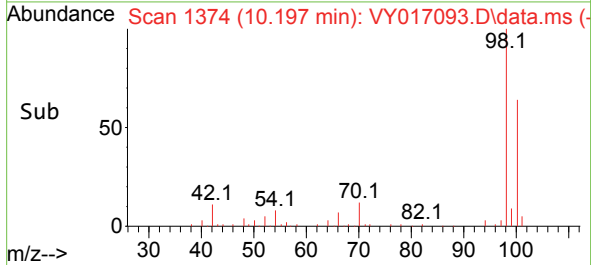
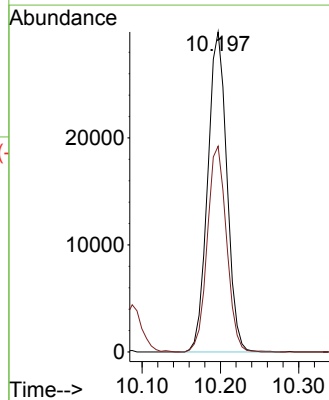
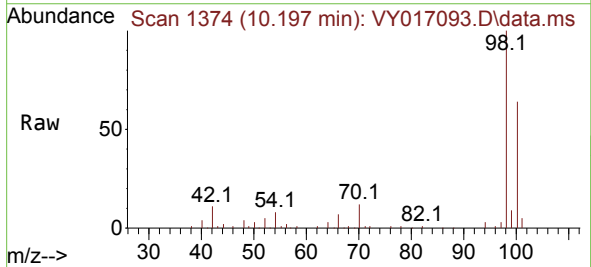
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

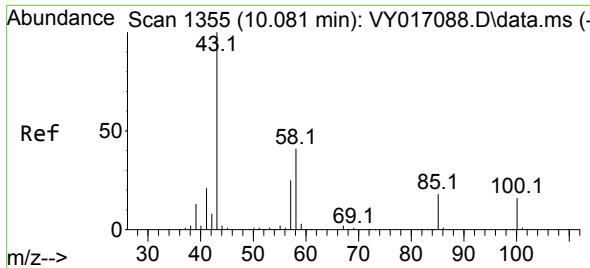
Tgt Ion: 88 Resp: 1659
Ion Ratio Lower Upper
88 100
43 41.3 28.2 42.4
58 72.3 52.2 78.2



#50
Toluene-d8
Concen: 9.878 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 98 Resp: 50732
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5

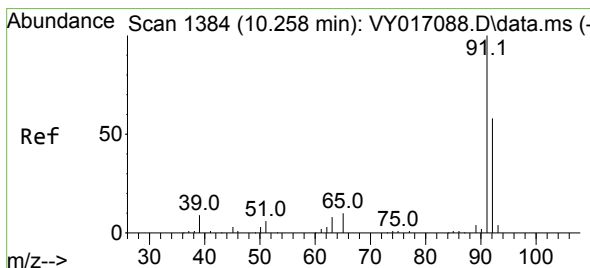
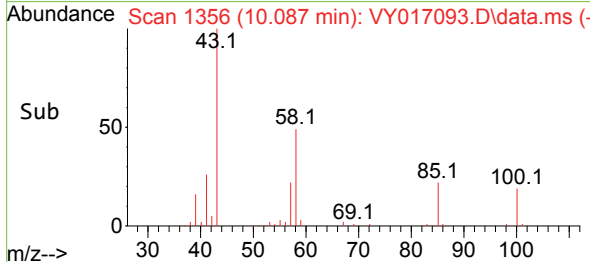
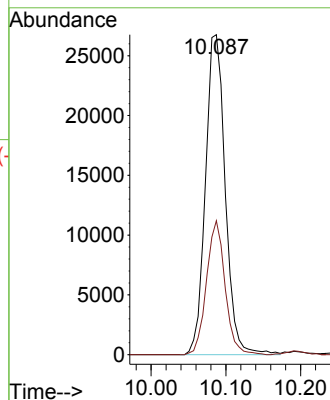
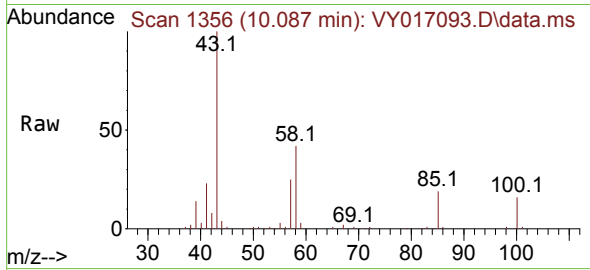




#51
4-Methyl-2-Pentanone
Concen: 51.575 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

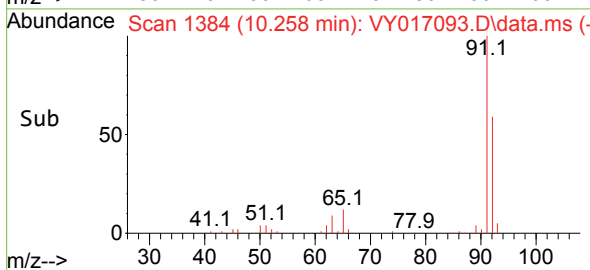
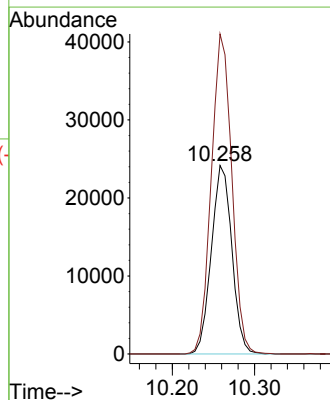
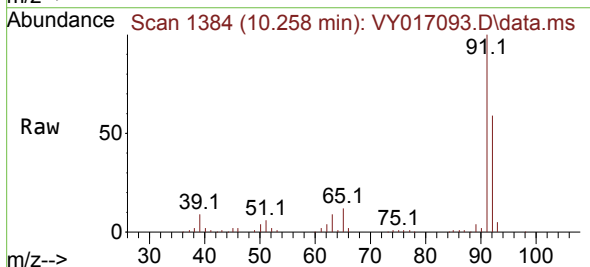
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

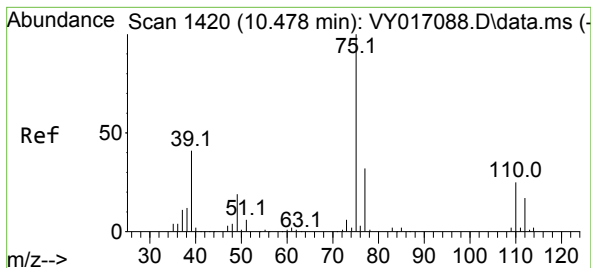
Tgt Ion: 43 Resp: 49271
Ion Ratio Lower Upper
43 100
58 39.3 32.2 48.2



#52
Toluene
Concen: 10.663 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 92 Resp: 41935
Ion Ratio Lower Upper
92 100
91 169.5 137.6 206.4

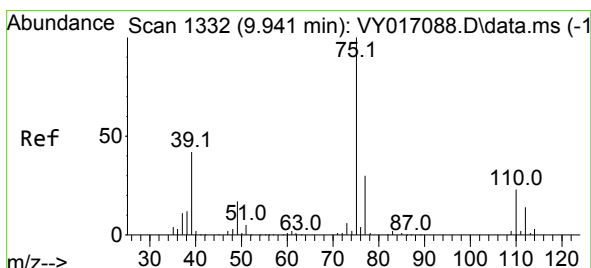
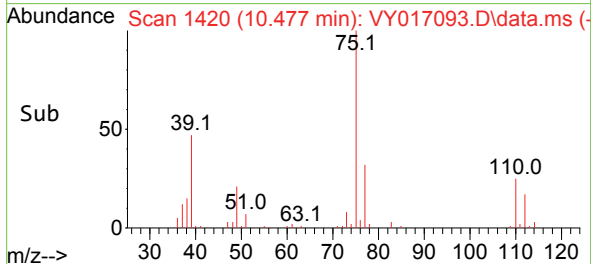
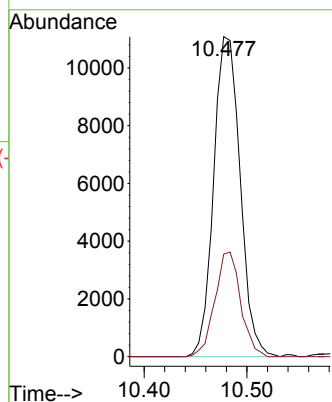
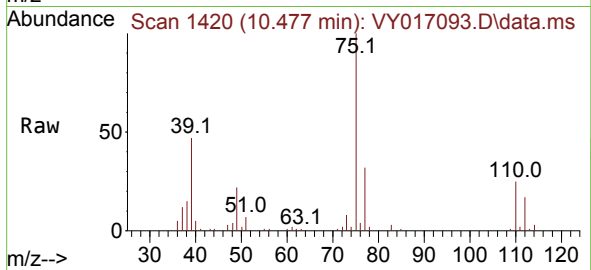




#53
 t-1,3-Dichloropropene
 Concen: 10.081 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY017093.D
 Acq: 24 Jan 2024 15:13

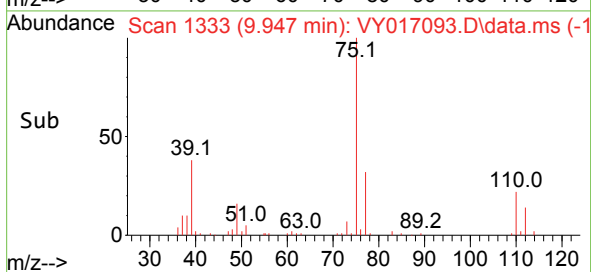
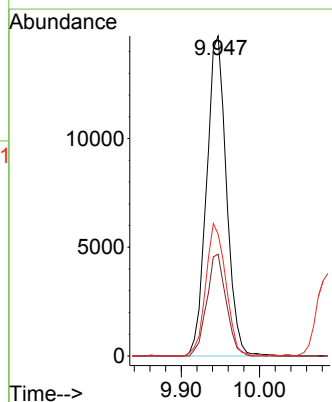
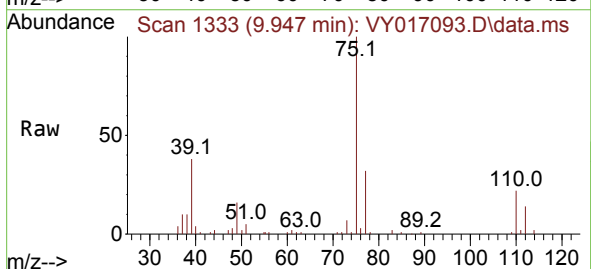
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

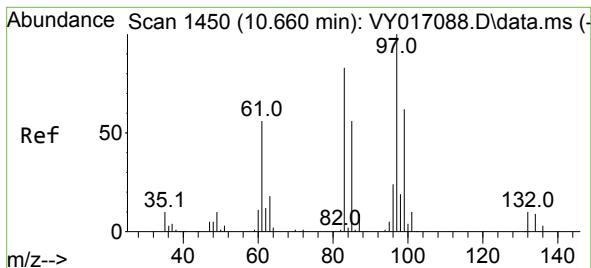
Tgt Ion: 75 Resp: 19842
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 10.688 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY017093.D
 Acq: 24 Jan 2024 15:13

Tgt Ion: 75 Resp: 25873
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.6 36.8
 39 38.1 33.6 50.4

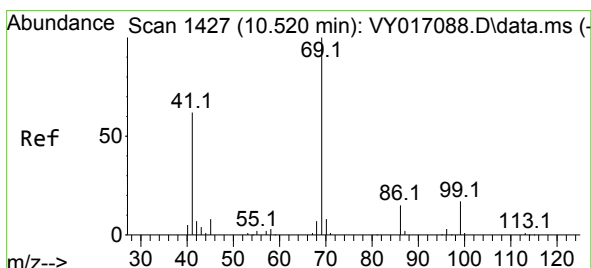
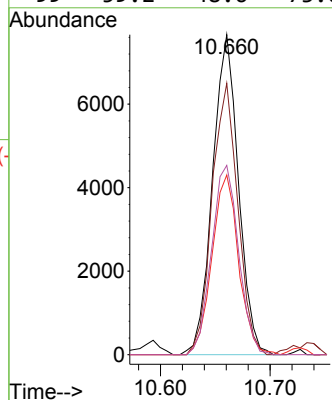
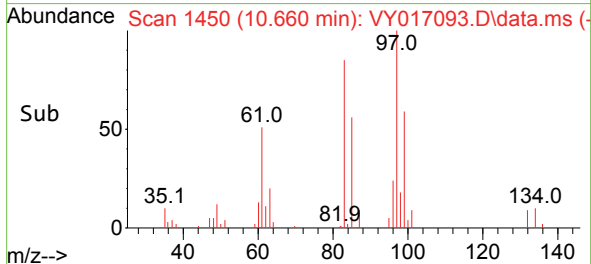
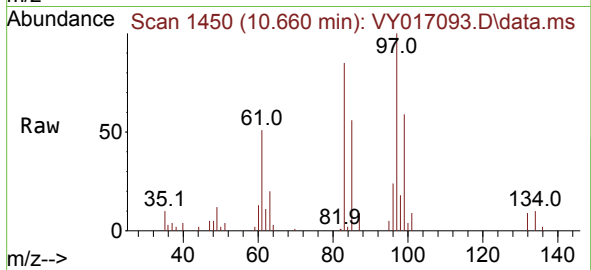




#55
 1,1,2-Trichloroethane
 Concen: 10.626 ug/l
 RT: 10.660 min Scan# 1450
 Delta R.T. 0.006 min
 Lab File: VY017093.D
 Acq: 24 Jan 2024 15:13

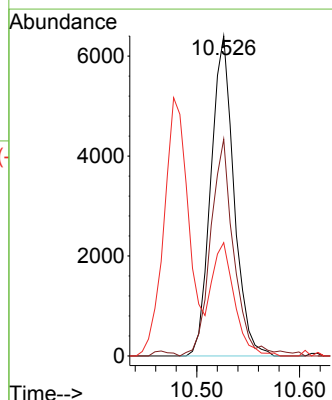
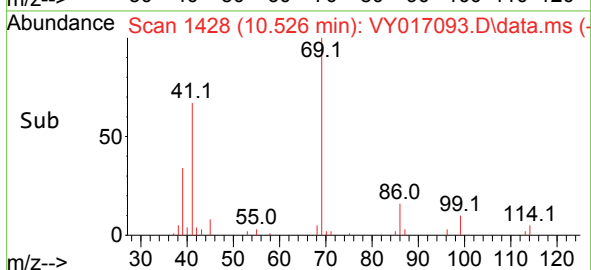
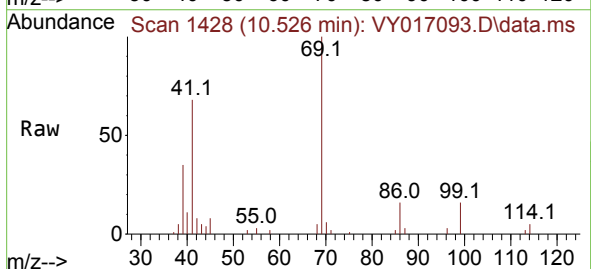
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

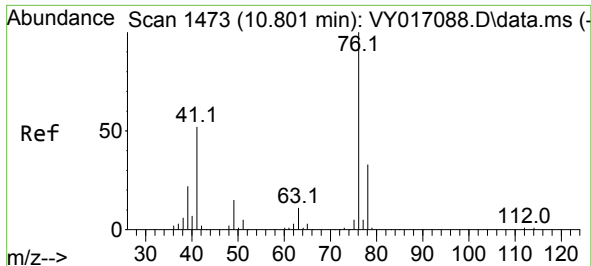
Tgt Ion: 97	Resp: 12578
Ion Ratio	Lower Upper
97 100	
83 84.8	69.4 104.2
85 56.1	43.9 65.9
99 59.2	48.6 73.0



#56
 Ethyl methacrylate
 Concen: 9.624 ug/l
 RT: 10.526 min Scan# 1428
 Delta R.T. 0.006 min
 Lab File: VY017093.D
 Acq: 24 Jan 2024 15:13

Tgt Ion: 69	Resp:	9962	
Ion	Ratio	Lower	Upper
69	100		
41	68.9	49.2	73.8
39	34.2	26.8	40.2





#57

1,3-Dichloropropane

Concen: 10.592 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.007 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

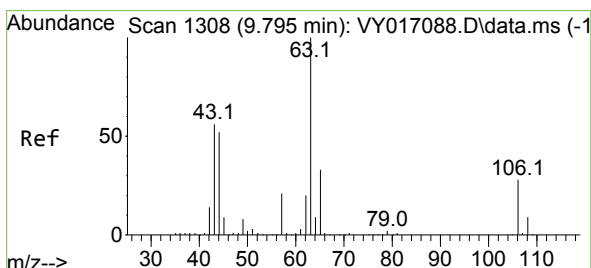
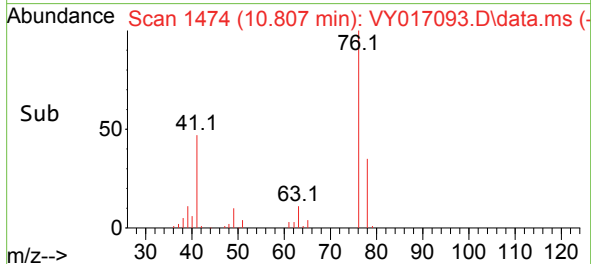
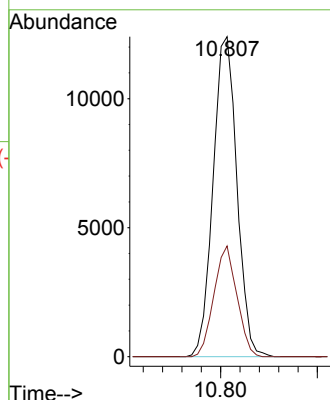
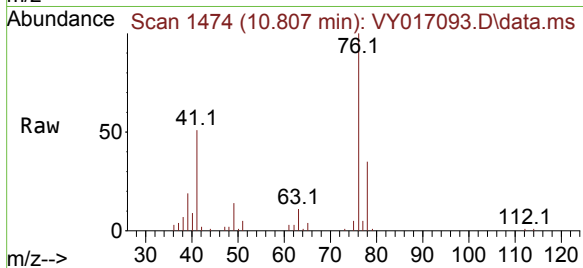
VSTDIC010

Tgt Ion: 76 Resp: 21198

Ion Ratio Lower Upper

76 100

78 33.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 47.941 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.013 min

Lab File: VY017093.D

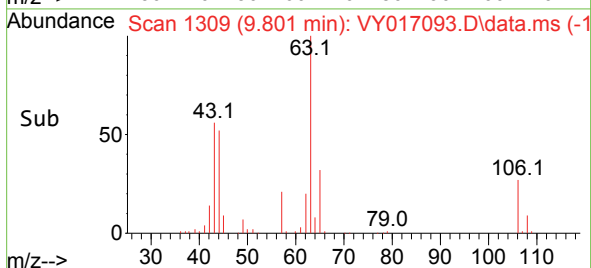
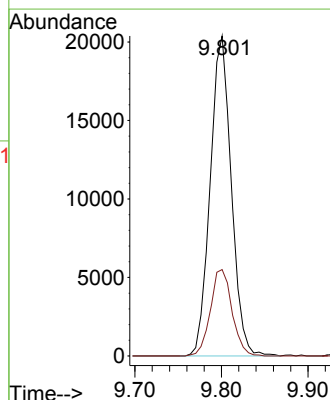
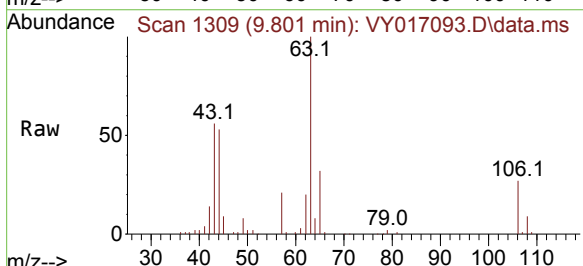
Acq: 24 Jan 2024 15:13

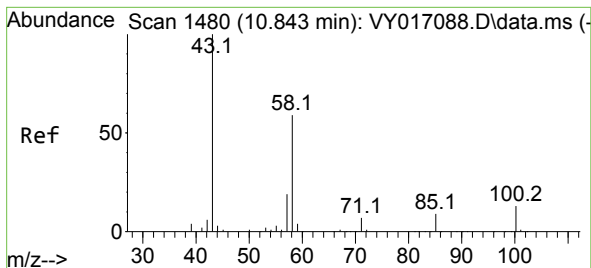
Tgt Ion: 63 Resp: 34447

Ion Ratio Lower Upper

63 100

106 27.7 22.4 33.6





#59

2-Hexanone

Concen: 54.739 ug/l

RT: 10.849 min Scan# 1480

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

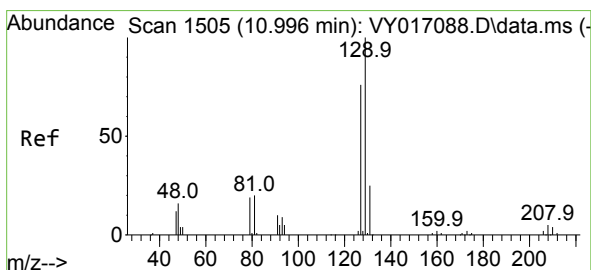
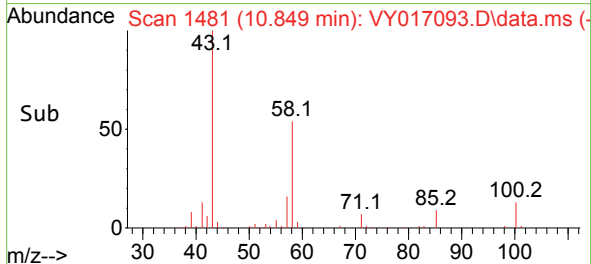
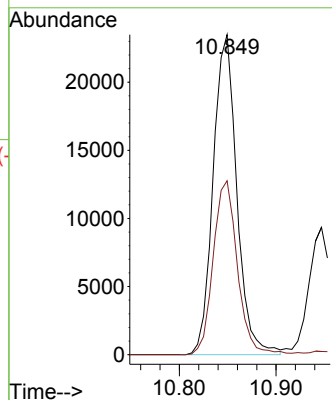
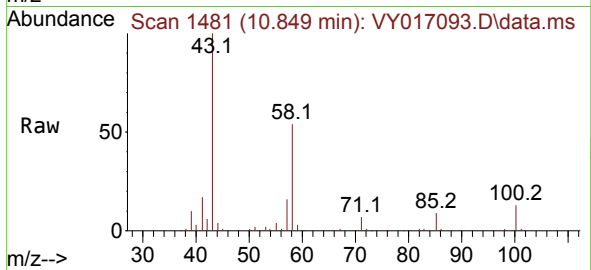
VSTDIC010

Tgt Ion: 43 Resp: 39895

Ion Ratio Lower Upper

43 100

58 55.6 28.1 84.3



#60

Dibromochloromethane

Concen: 10.452 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY017093.D

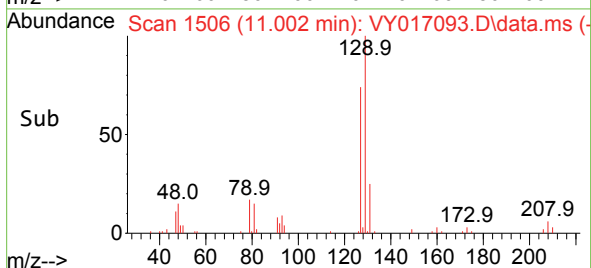
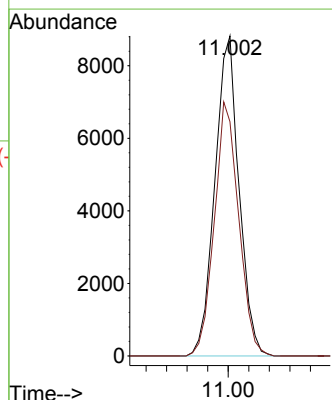
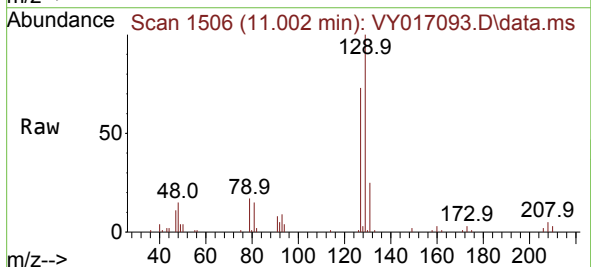
Acq: 24 Jan 2024 15:13

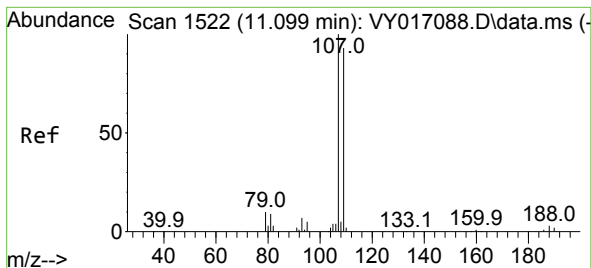
Tgt Ion: 129 Resp: 14374

Ion Ratio Lower Upper

129 100

127 80.2 39.2 117.6





#61

1,2-Dibromoethane

Concen: 10.615 ug/l

RT: 11.105 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

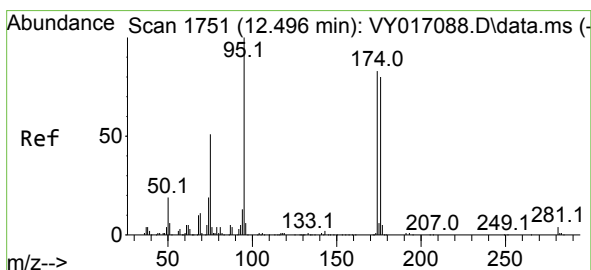
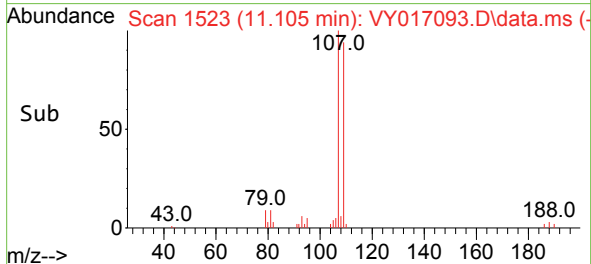
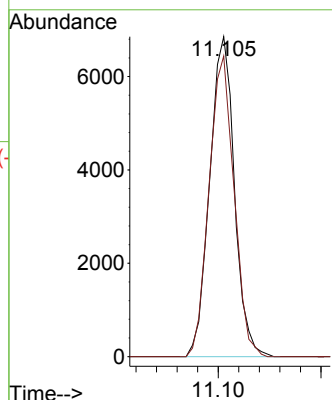
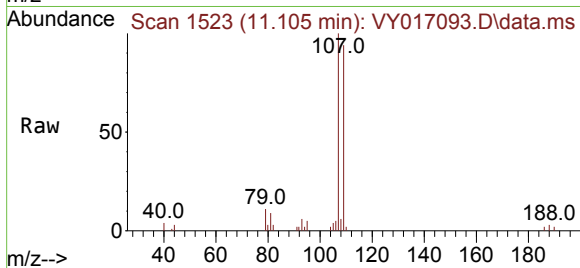
VSTDIC010

Tgt Ion:107 Resp: 11414

Ion Ratio Lower Upper

107 100

109 95.0 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 9.679 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

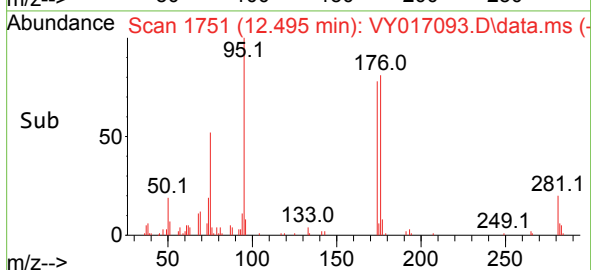
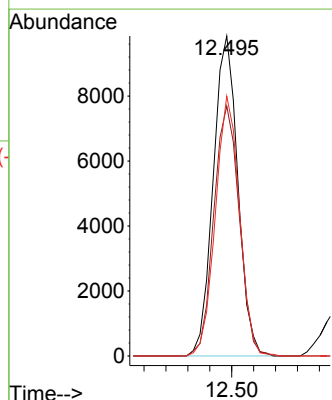
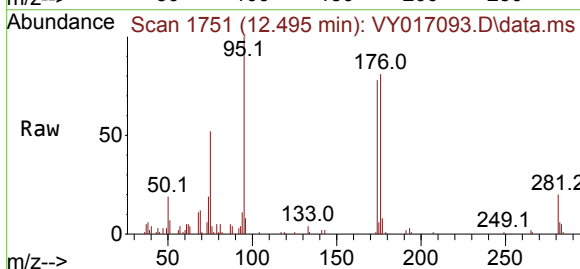
Tgt Ion: 95 Resp: 15313

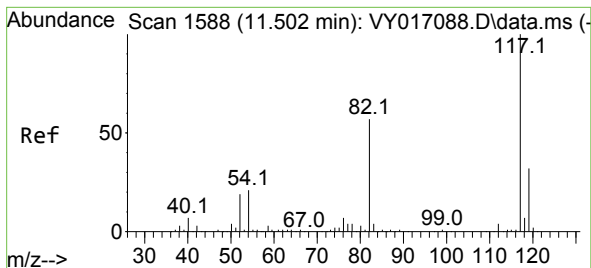
Ion Ratio Lower Upper

95 100

174 80.9 0.0 160.0

176 79.7 0.0 151.8

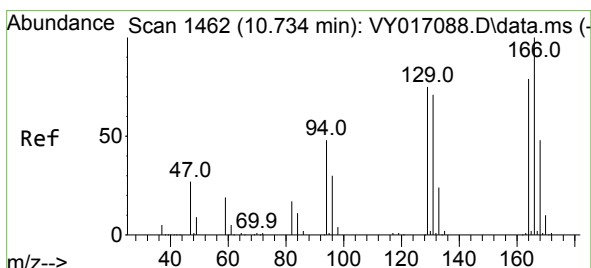
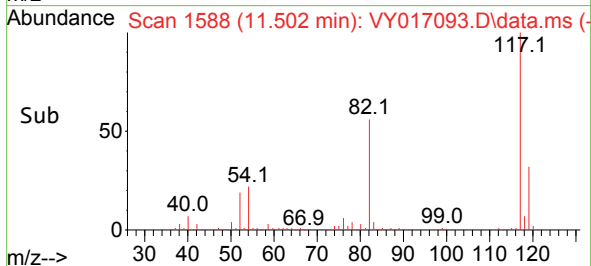
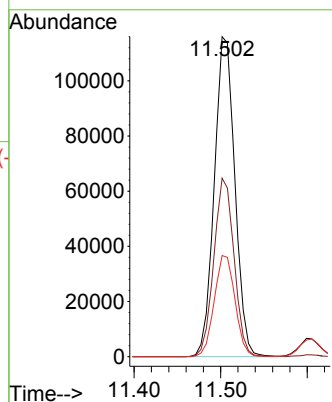
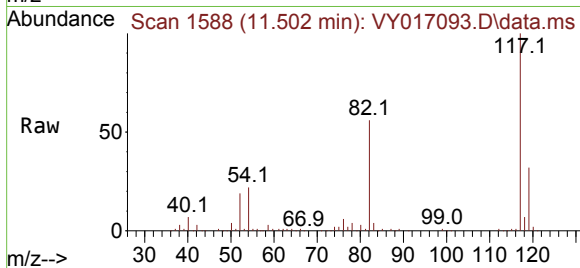




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

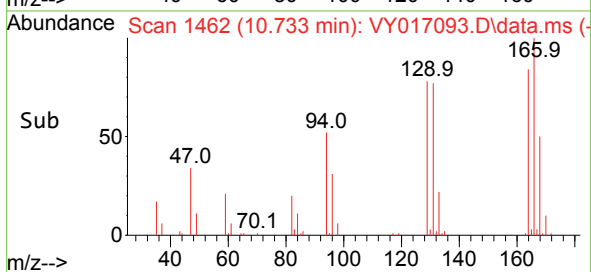
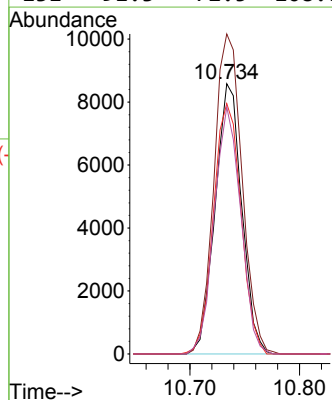
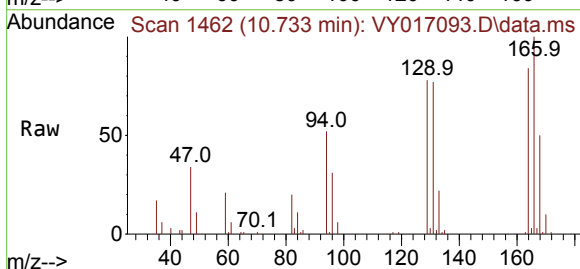
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

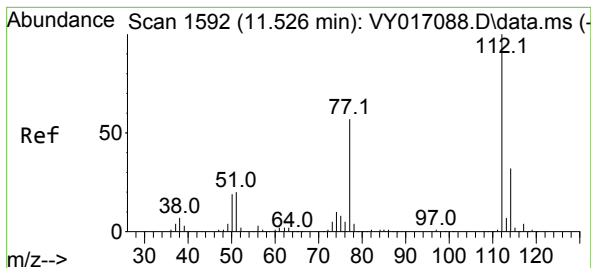
Tgt Ion:117 Resp: 191487
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.8
119 31.6 26.5 39.7



#64
Tetrachloroethene
Concen: 10.853 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion:164 Resp: 14485
Ion Ratio Lower Upper
164 100
166 118.4 98.8 148.2
129 92.7 78.9 118.3
131 91.3 72.5 108.7

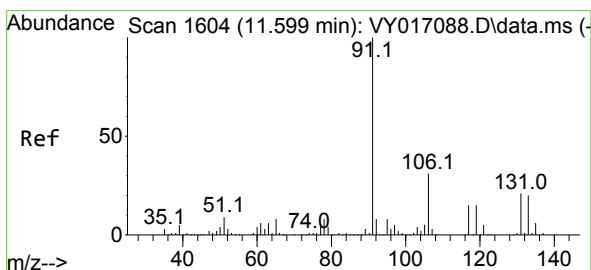
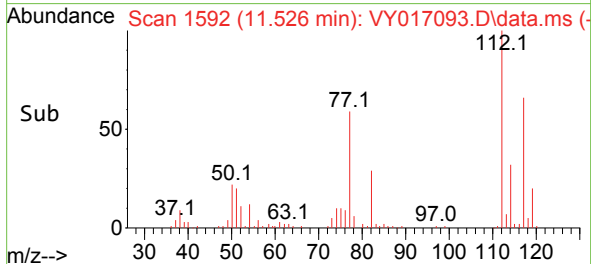
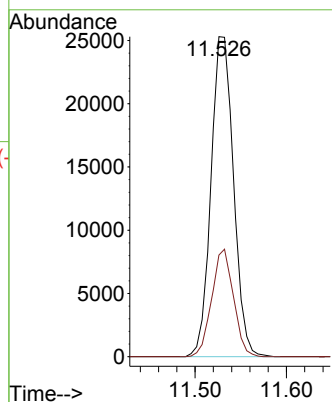
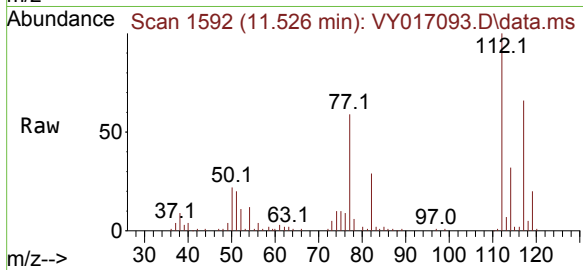




#65
Chlorobenzene
Concen: 10.670 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

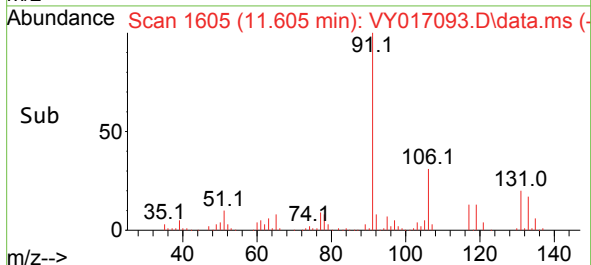
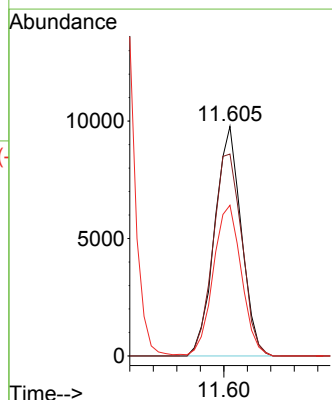
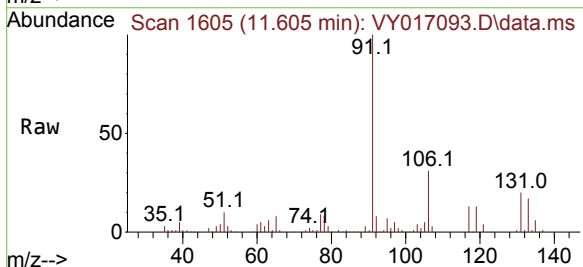
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

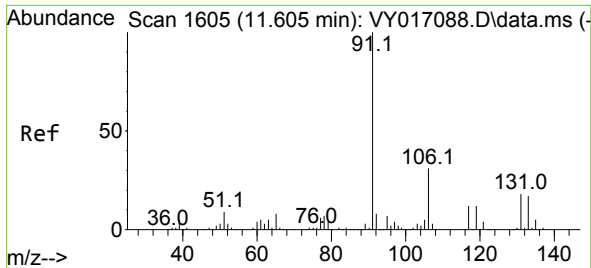
Tgt Ion:112 Resp: 43298
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 10.395 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion:131 Resp: 15408
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.0
119 69.6 33.3 99.9

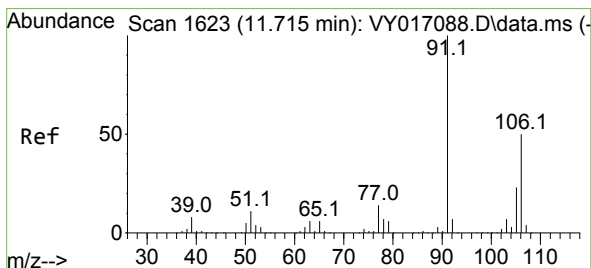
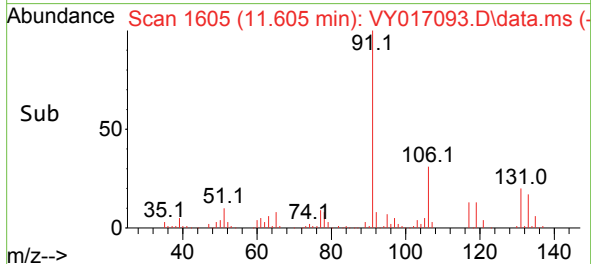
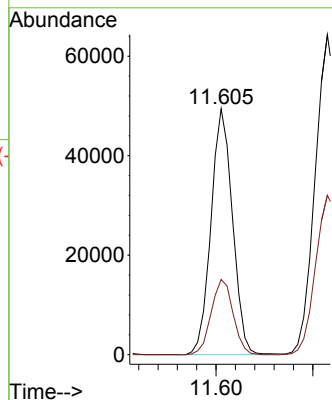
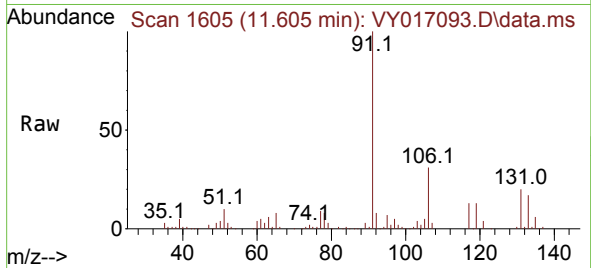




#67
Ethyl Benzene
Concen: 10.363 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

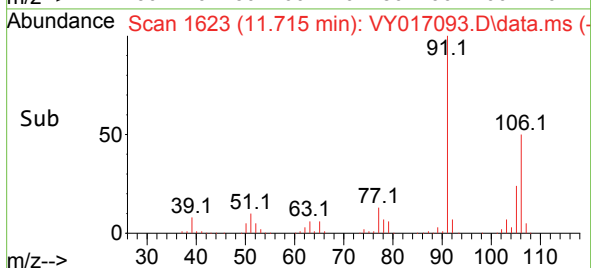
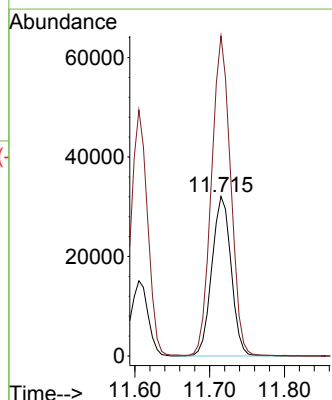
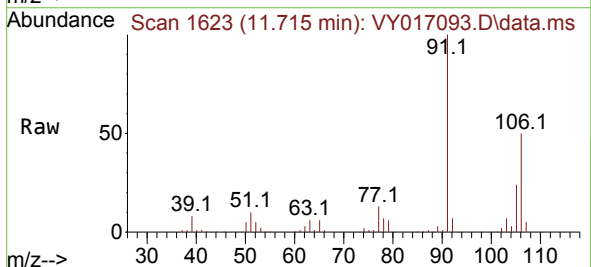
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

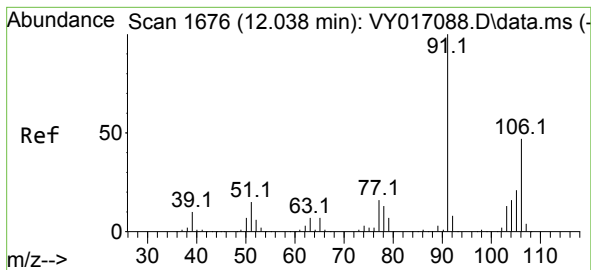
Tgt Ion: 91 Resp: 76445
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4



#68
m/p-Xylenes
Concen: 20.763 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 106 Resp: 57547
Ion Ratio Lower Upper
106 100
91 199.6 160.7 241.1





#69

o-Xylene

Concen: 10.223 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

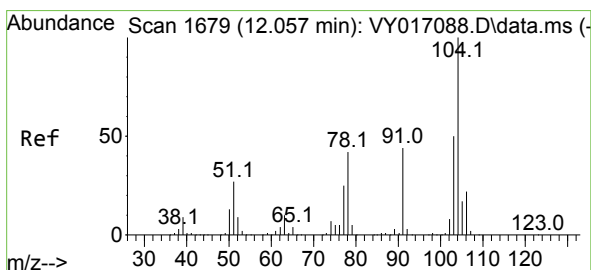
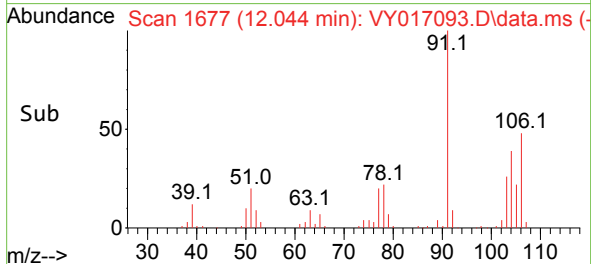
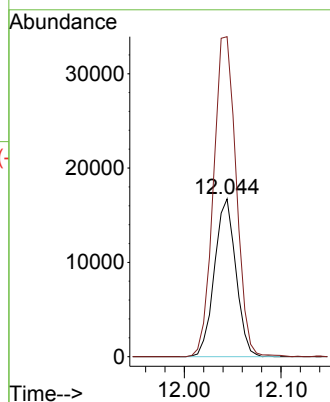
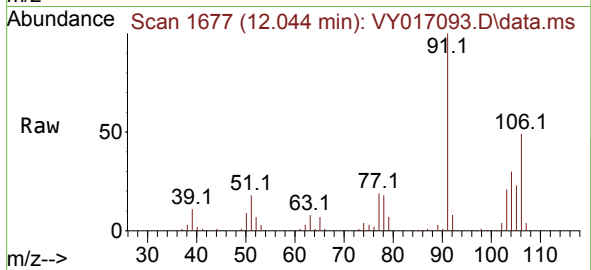
VSTDIC010

Tgt Ion:106 Resp: 25738

Ion Ratio Lower Upper

106 100

91 215.3 106.5 319.5



#70

Styrene

Concen: 9.909 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

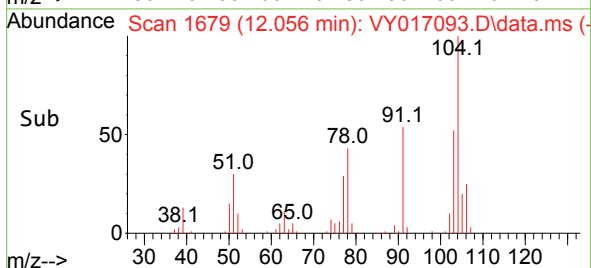
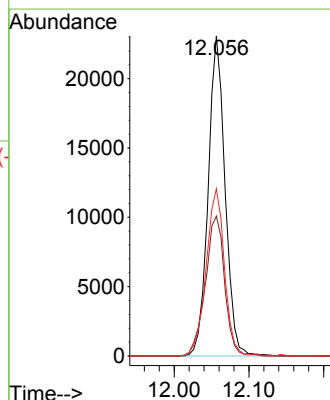
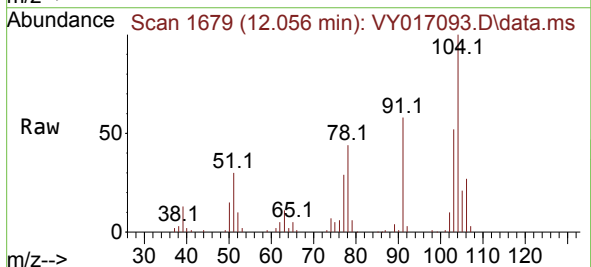
Tgt Ion:104 Resp: 36216

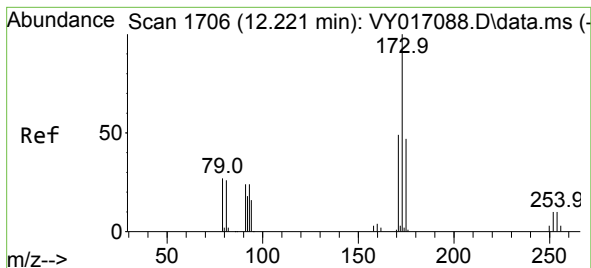
Ion Ratio Lower Upper

104 100

78 49.8 39.2 58.8

103 56.3 43.8 65.6





#71

Bromoform

Concen: 10.130 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

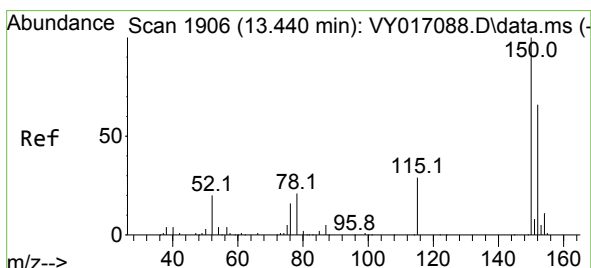
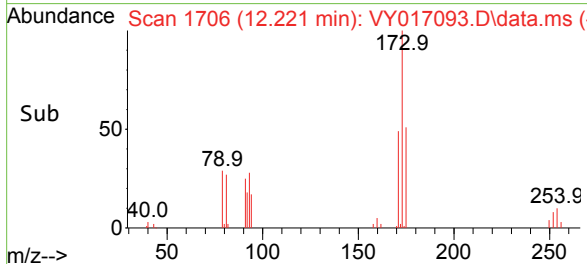
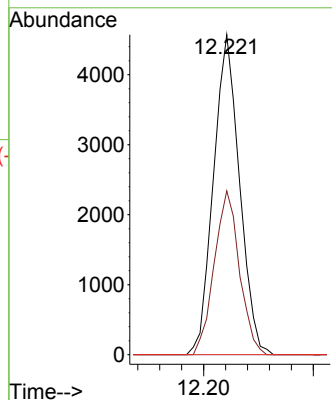
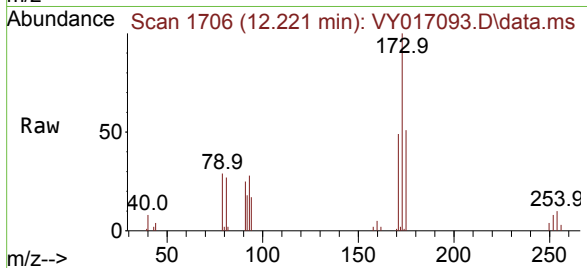
Tgt Ion:173 Resp: 7529

Ion Ratio Lower Upper

173 100

175 49.5 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

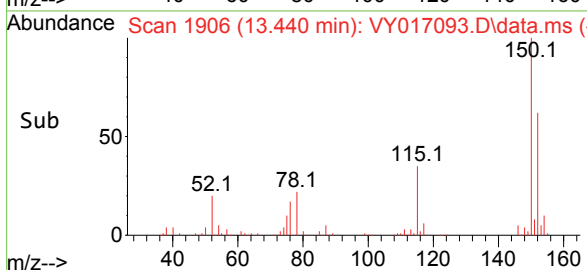
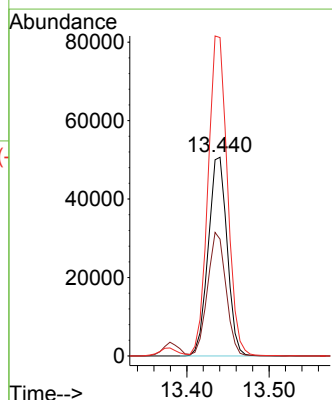
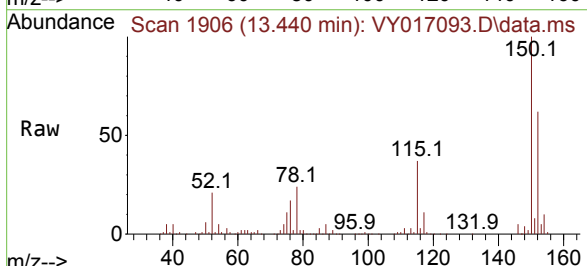
Tgt Ion:152 Resp: 81032

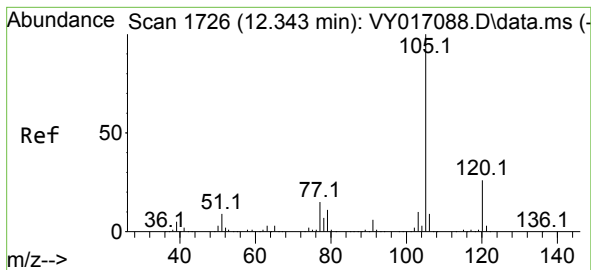
Ion Ratio Lower Upper

152 100

115 60.6 30.0 90.0

150 164.5 0.0 344.6





#73

Isopropylbenzene

Concen: 10.593 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

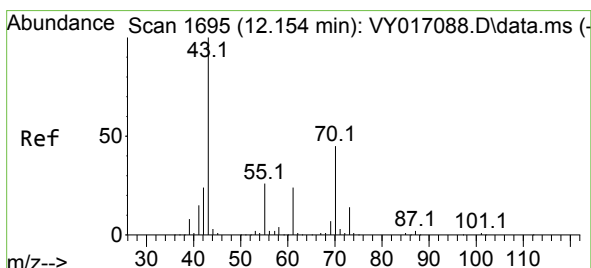
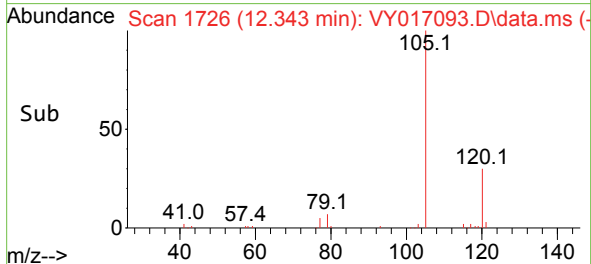
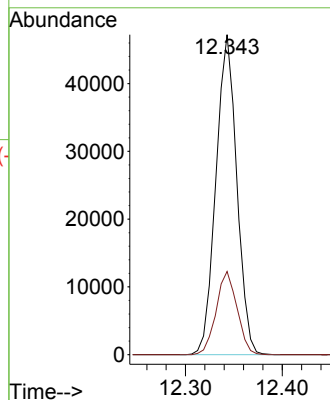
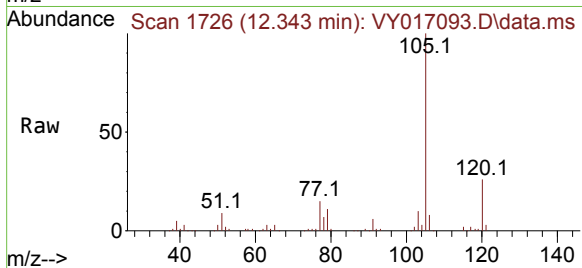
VSTDICC010

Tgt Ion:105 Resp: 70566

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 10.339 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Tgt Ion: 43 Resp: 13883

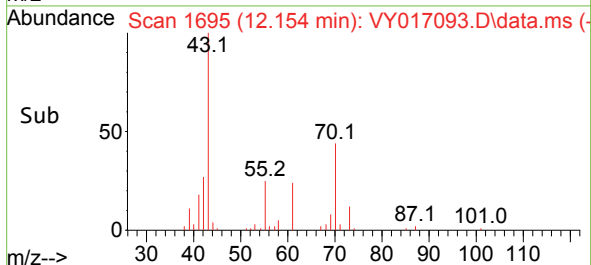
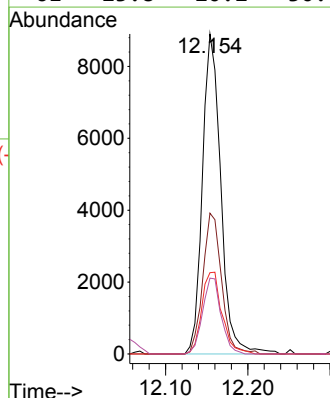
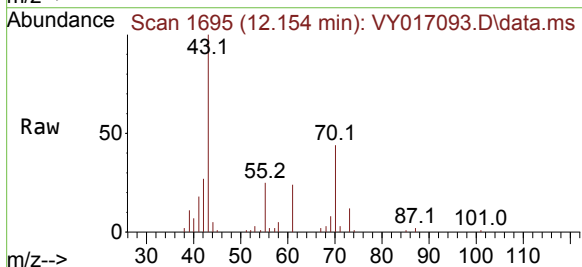
Ion Ratio Lower Upper

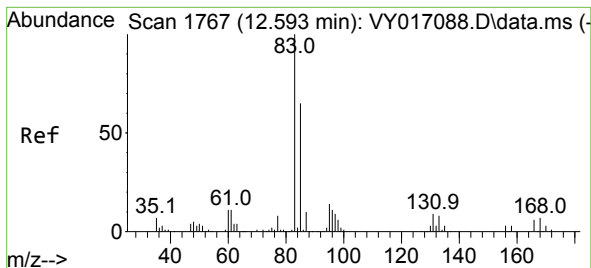
43 100

70 44.8 36.6 55.0

55 28.0 22.2 33.4

61 23.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 11.073 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

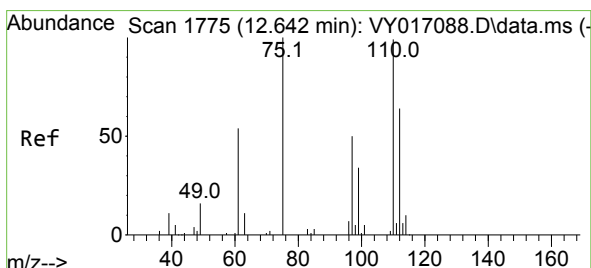
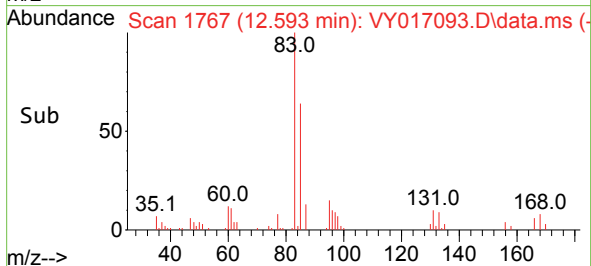
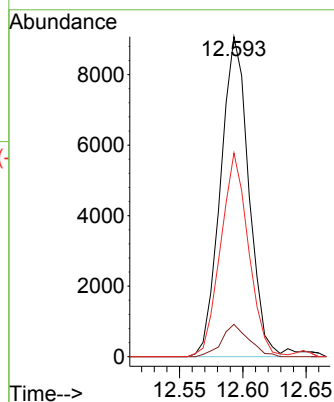
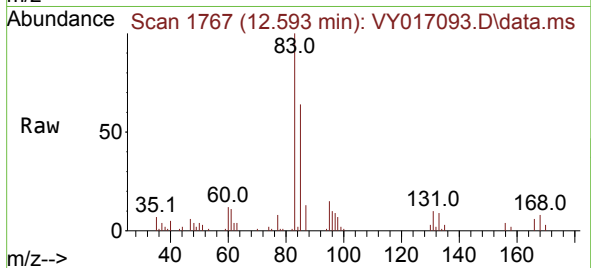
Tgt Ion: 83 Resp: 14065

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 62.9 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 10.643 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY017093.D

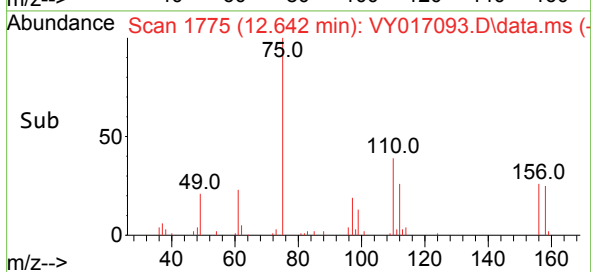
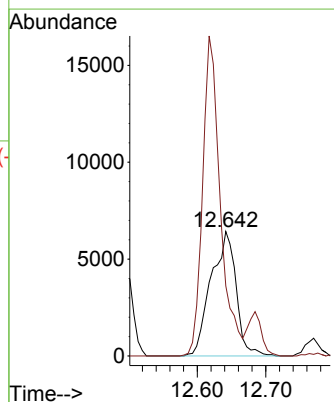
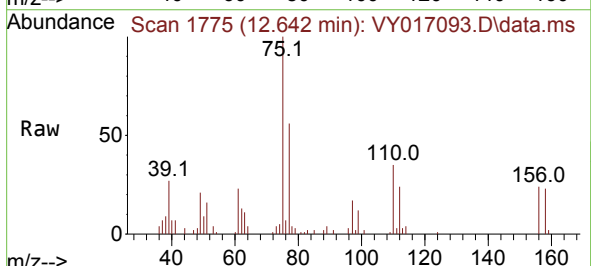
Acq: 24 Jan 2024 15:13

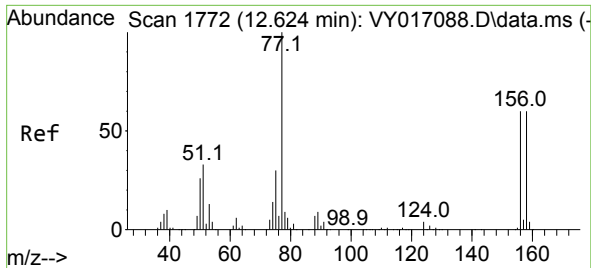
Tgt Ion: 75 Resp: 16303

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

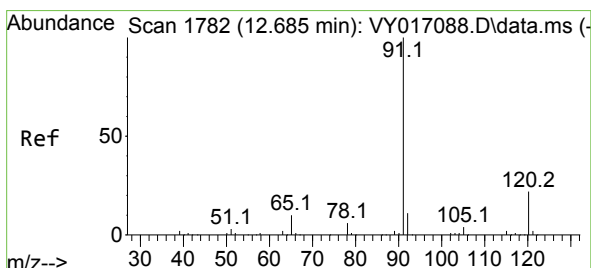
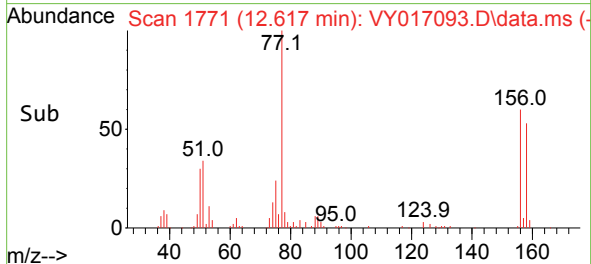
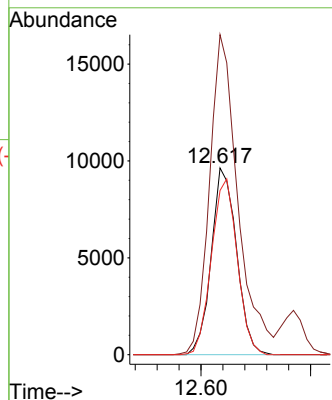
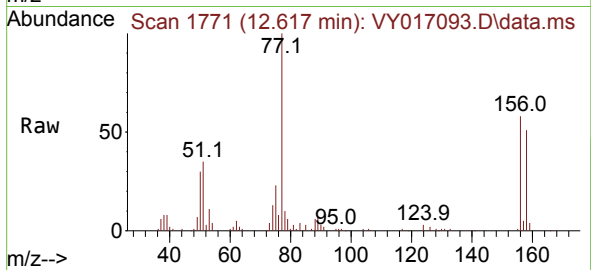




#77
Bromobenzene
Concen: 10.694 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.000 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

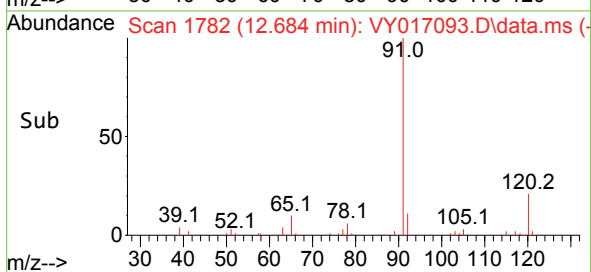
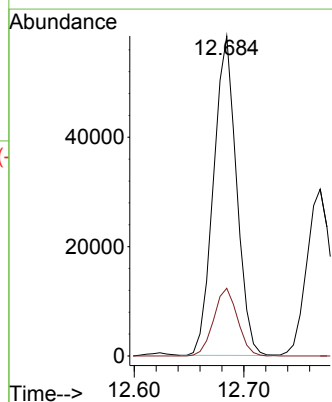
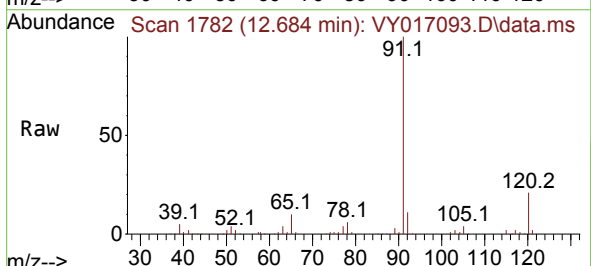
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

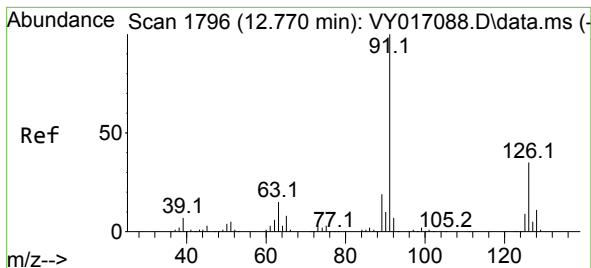
Tgt Ion:156 Resp: 15415
Ion Ratio Lower Upper
156 100
77 192.8 97.3 291.8
158 96.1 48.4 145.0



#78
n-propylbenzene
Concen: 10.631 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 91 Resp: 85176
Ion Ratio Lower Upper
91 100
120 22.0 11.0 33.0

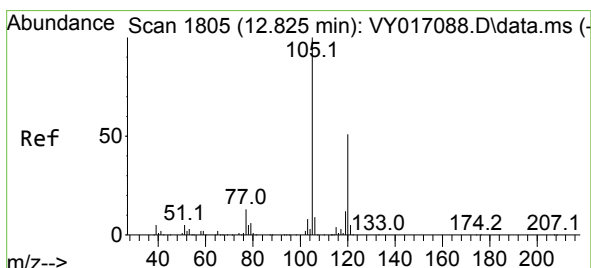
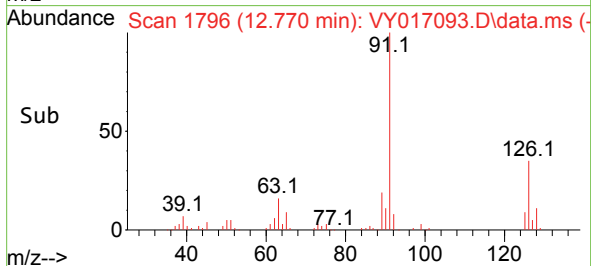
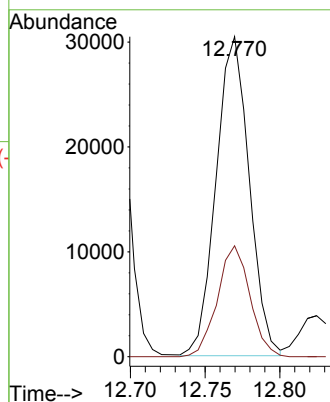
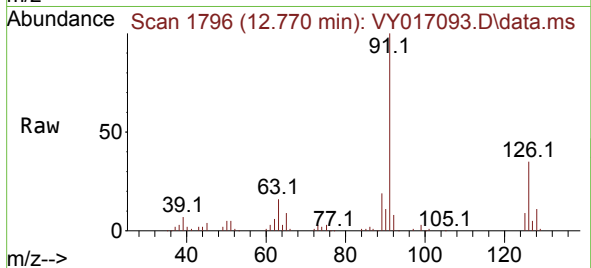




#79
2-Chlorotoluene
Concen: 10.679 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. 0.007 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

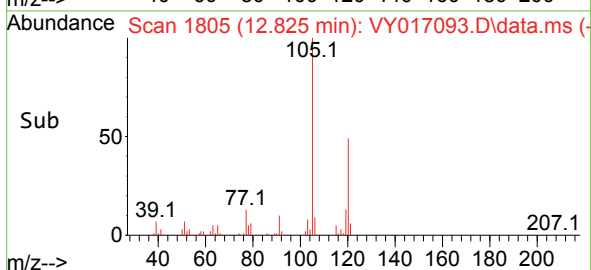
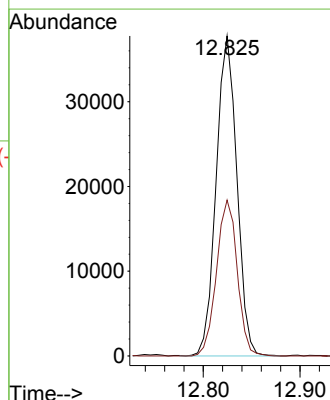
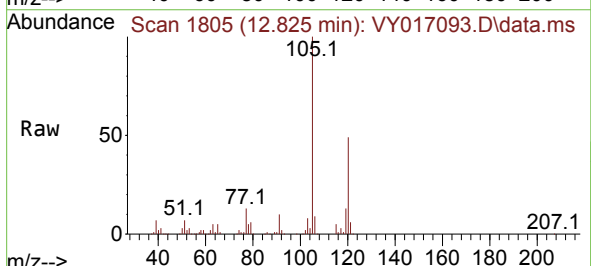
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

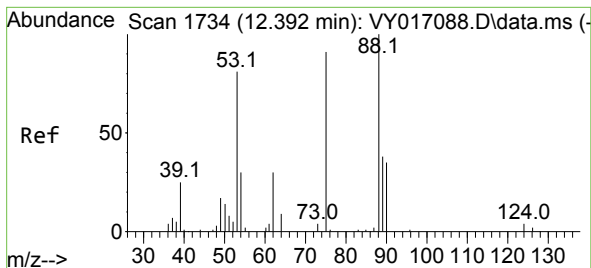
Tgt Ion: 91 Resp: 46952
Ion Ratio Lower Upper
91 100
126 34.0 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 10.643 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 105 Resp: 56112
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

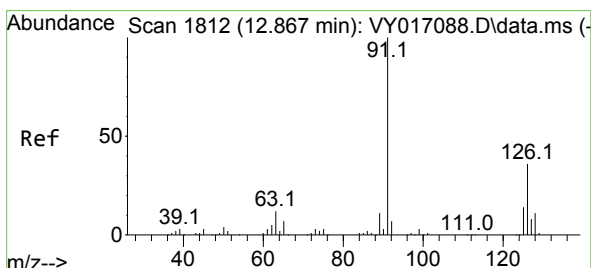
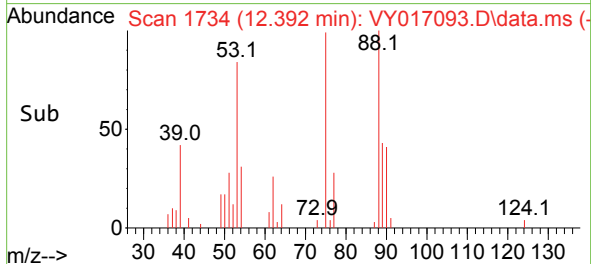
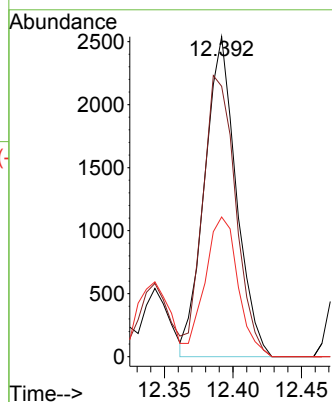
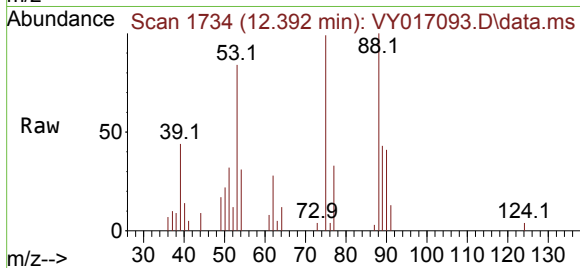




#81
trans-1,4-Dichloro-2-butene
Concen: 10.723 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.007 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

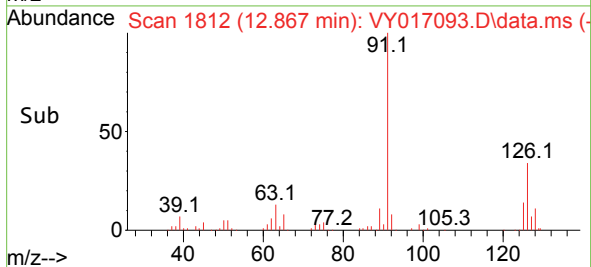
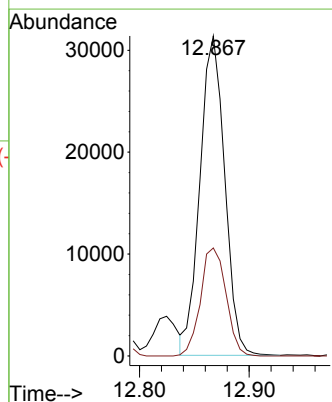
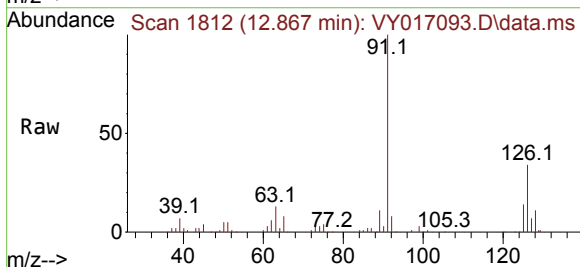
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

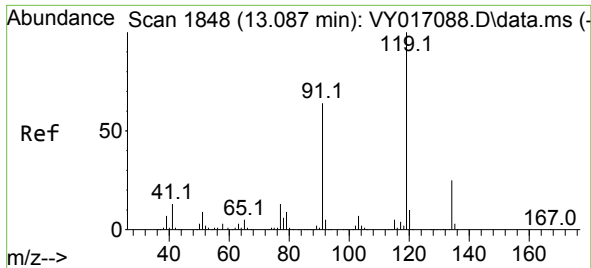
Tgt Ion: 75 Resp: 4074
Ion Ratio Lower Upper
75 100
53 91.3 74.0 111.0
89 45.9 36.5 54.7



#82
4-Chlorotoluene
Concen: 10.794 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion: 91 Resp: 49188
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.2

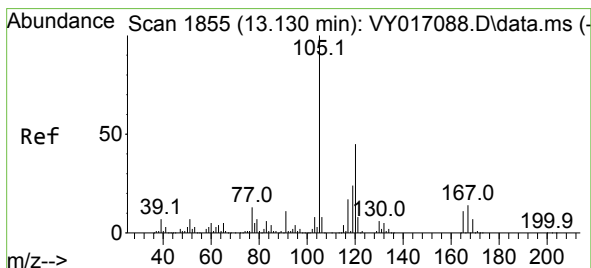
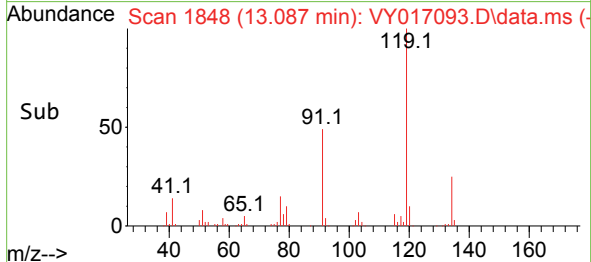
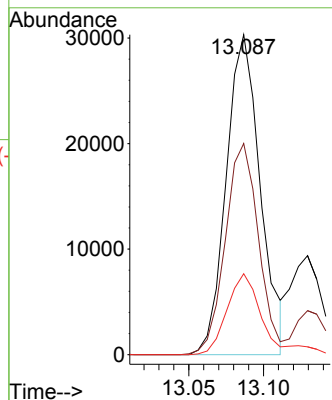
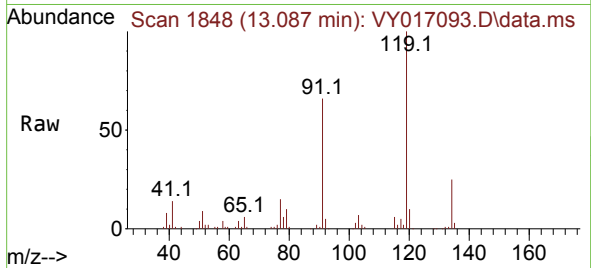




#83
tert-Butylbenzene
Concen: 10.553 ug/l
RT: 13.087 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

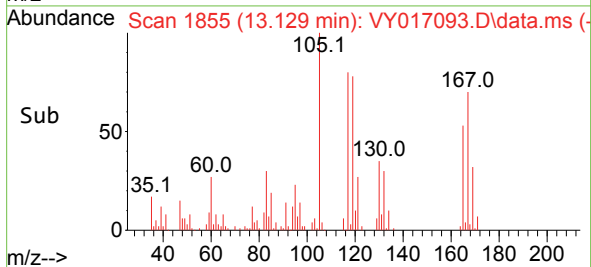
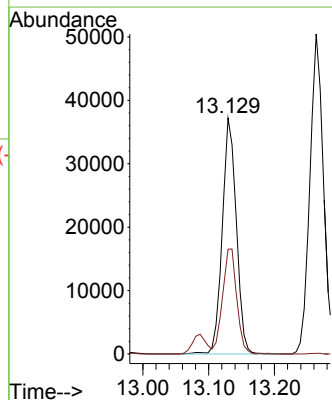
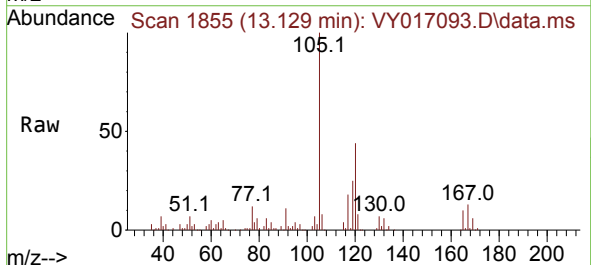
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

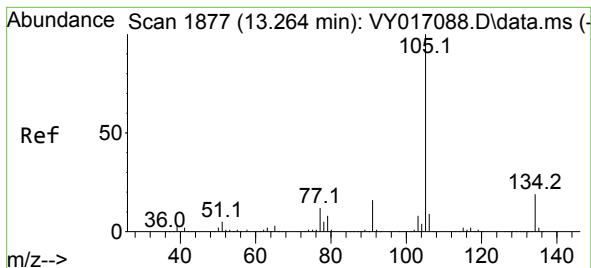
Tgt Ion:	119	Resp:	48124
Ion	Ratio	Lower	Upper
119	100		
91	64.2	31.5	94.5
134	26.4	13.1	39.3



#84
1,2,4-Trimethylbenzene
Concen: 10.575 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion:	105	Resp:	55415
Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.1	66.3





#85

sec-Butylbenzene

Concen: 10.660 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.001 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

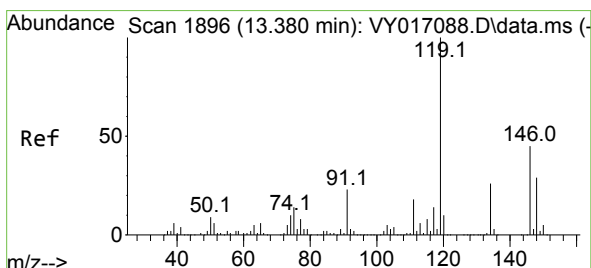
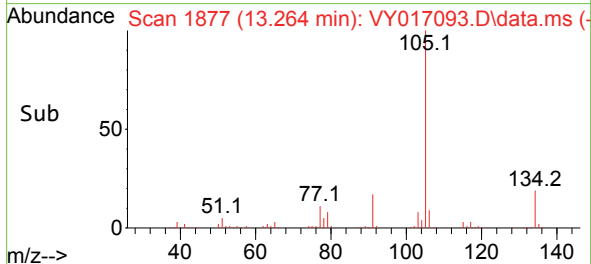
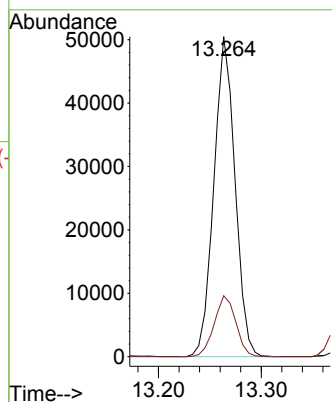
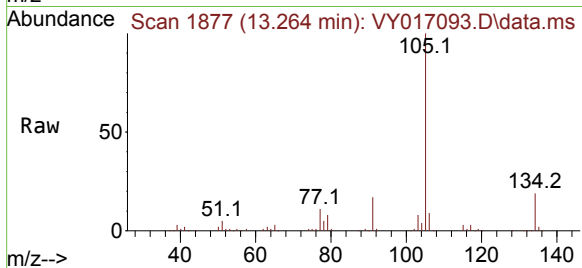
VSTDIC010

Tgt Ion:105 Resp: 71982

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 10.322 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

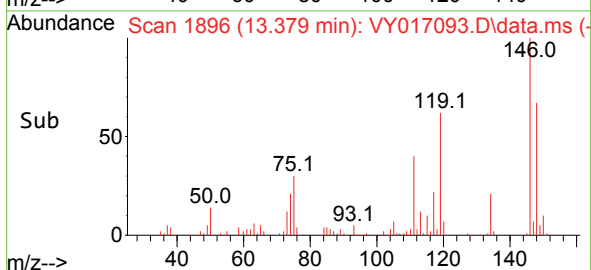
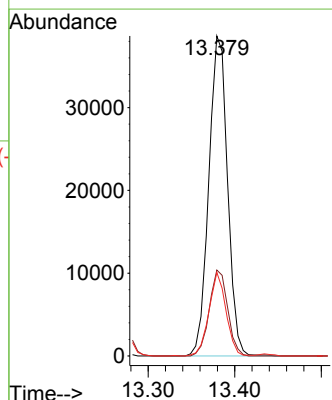
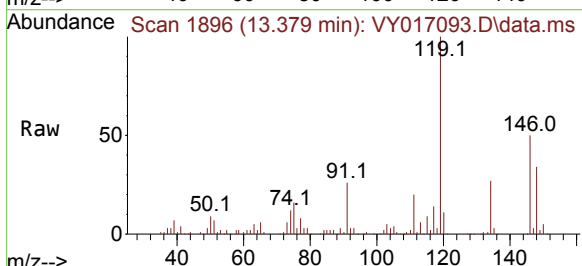
Tgt Ion:119 Resp: 58057

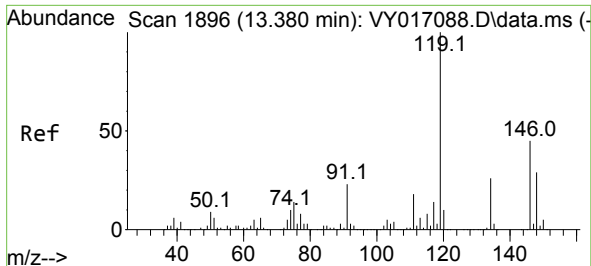
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 23.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 10.684 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

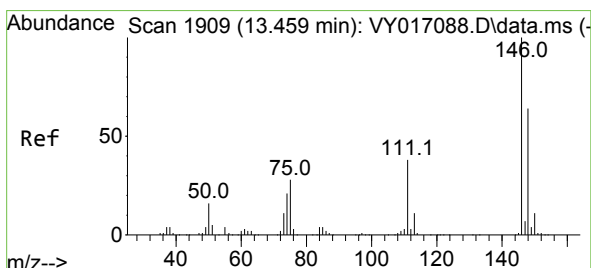
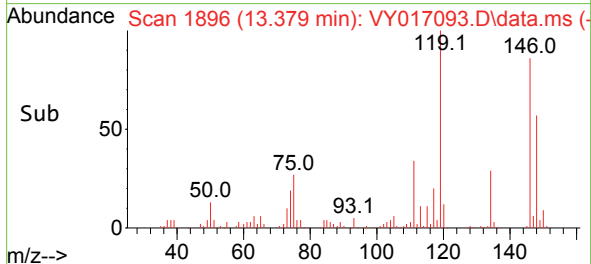
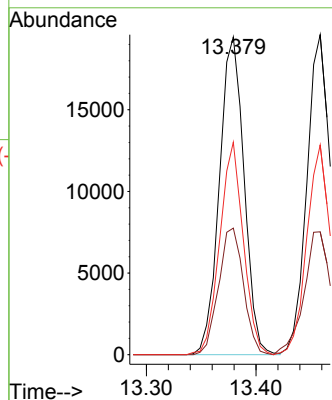
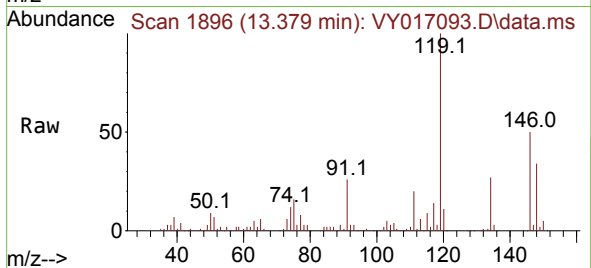
Tgt Ion:146 Resp: 30405

Ion Ratio Lower Upper

146 100

111 40.2 20.2 60.5

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 10.703 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

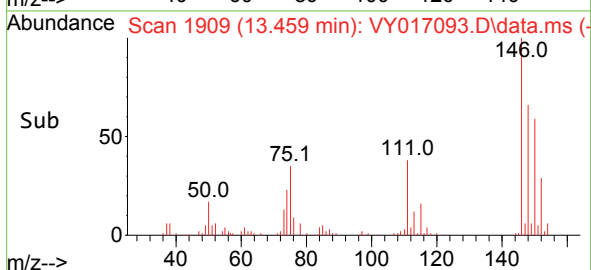
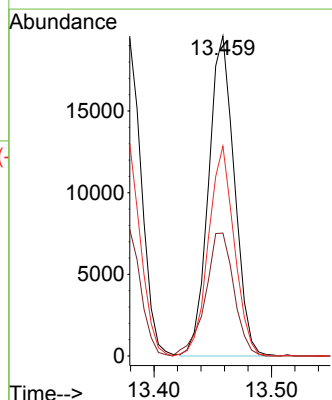
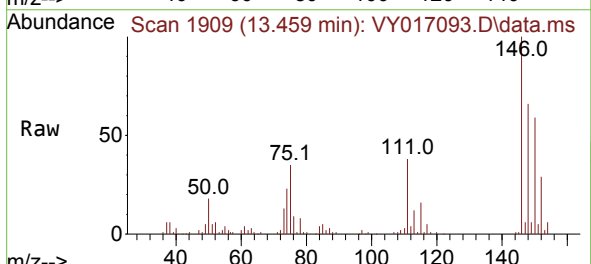
Tgt Ion:146 Resp: 29969

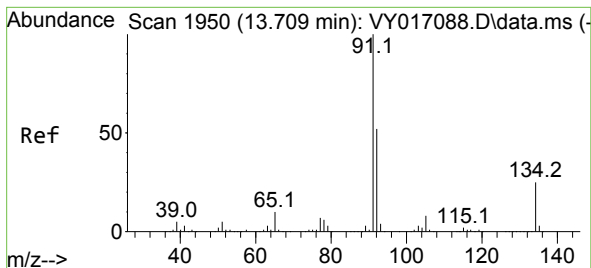
Ion Ratio Lower Upper

146 100

111 42.3 19.3 57.9

148 65.5 31.6 94.7





#89

n-Butylbenzene

Concen: 10.532 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.007 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

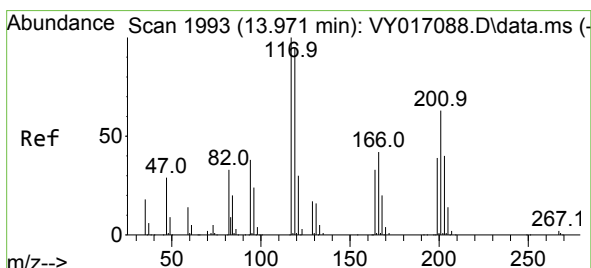
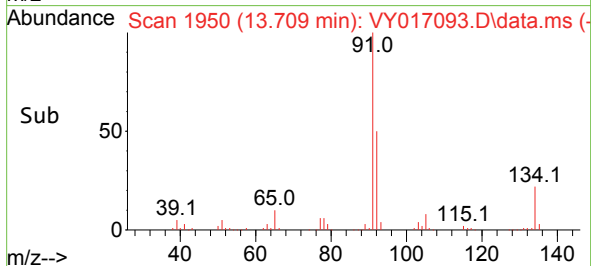
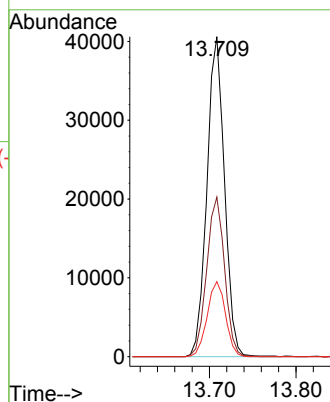
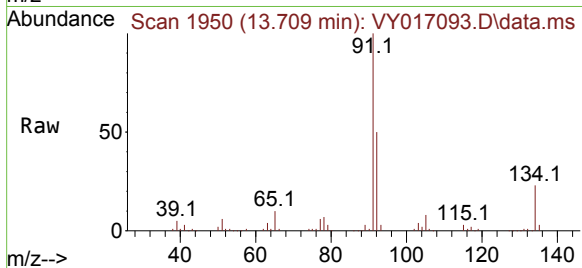
Tgt Ion: 91 Resp: 57138

Ion Ratio Lower Upper

91 100

92 50.9 26.4 79.2

134 24.5 12.3 36.8



#90

Hexachloroethane

Concen: 11.125 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017093.D

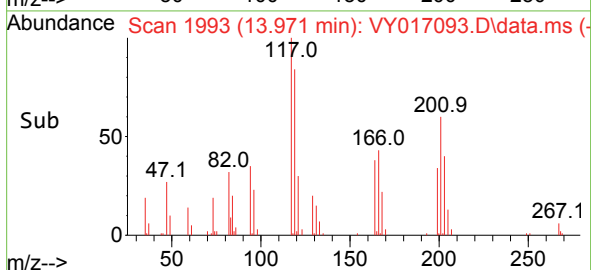
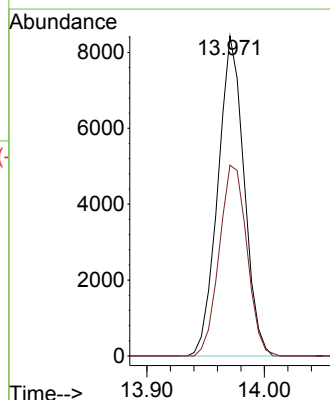
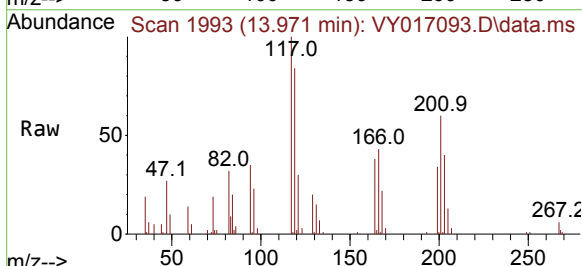
Acq: 24 Jan 2024 15:13

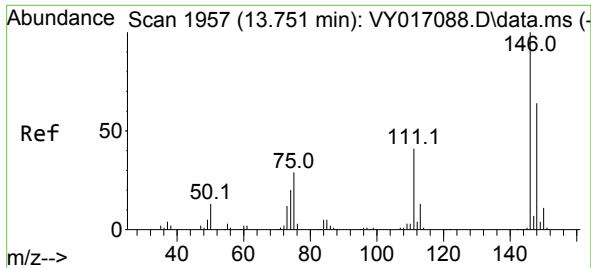
Tgt Ion: 117 Resp: 13042

Ion Ratio Lower Upper

117 100

201 63.1 33.4 100.1

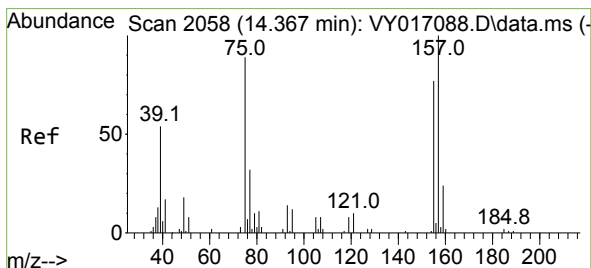
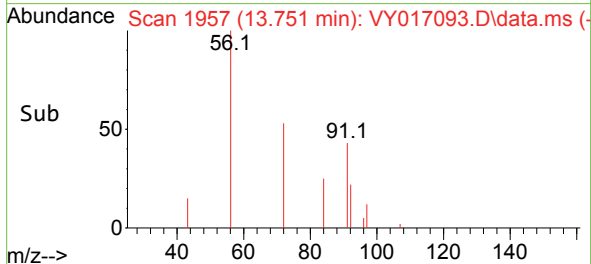
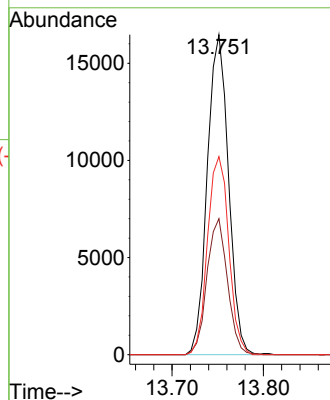
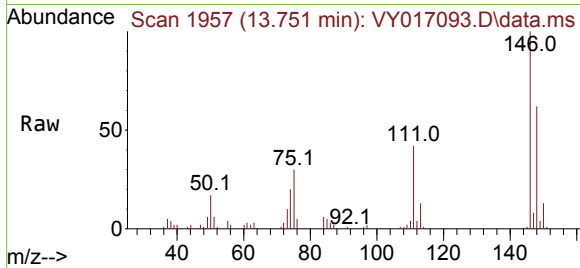




#91
1,2-Dichlorobenzene
Concen: 10.924 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

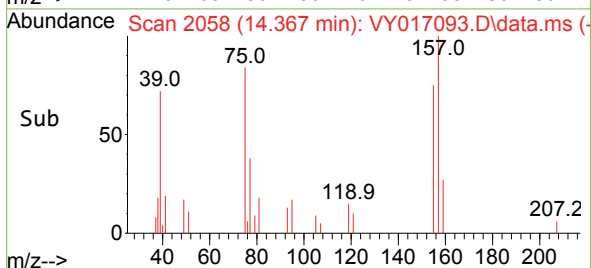
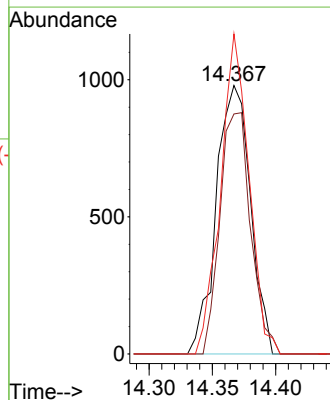
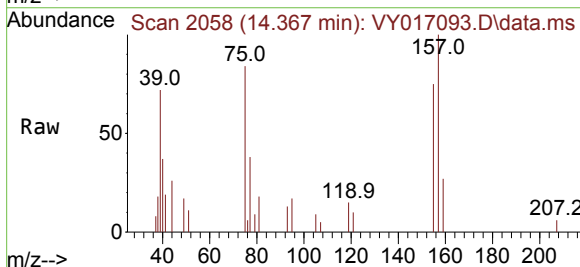
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

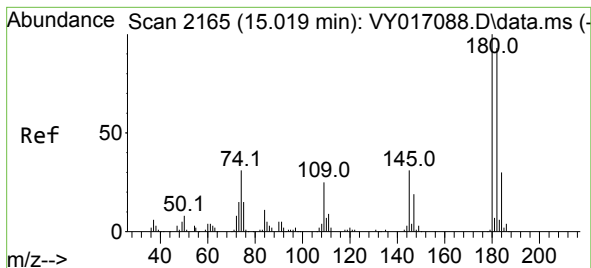
Tgt Ion:	146	Resp:	26548
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.6
148	62.0	31.4	94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 11.348 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY017093.D
Acq: 24 Jan 2024 15:13

Tgt Ion:	75	Resp:	1841
Ion	Ratio	Lower	Upper
75	100		
155	81.0	42.1	126.3
157	98.9	55.8	167.4





#93

1,2,4-Trichlorobenzene

Concen: 10.266 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

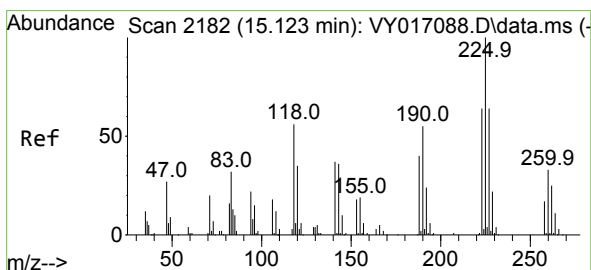
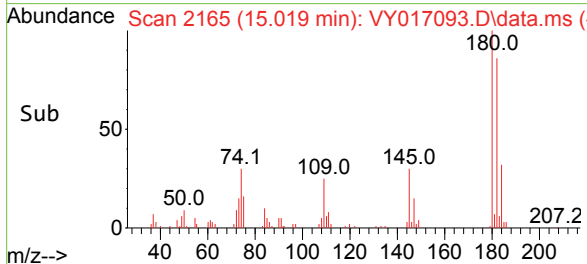
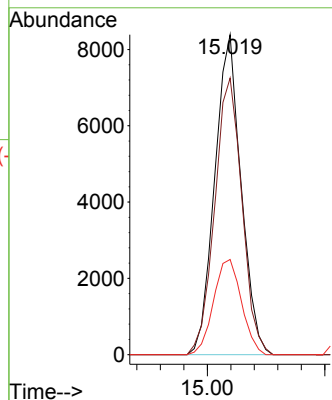
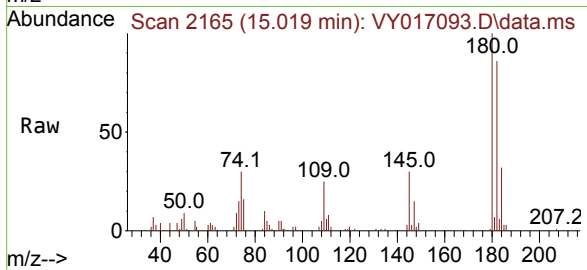
Tgt Ion:180 Resp: 13038

Ion Ratio Lower Upper

180 100

182 89.5 47.9 143.7

145 31.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 11.057 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

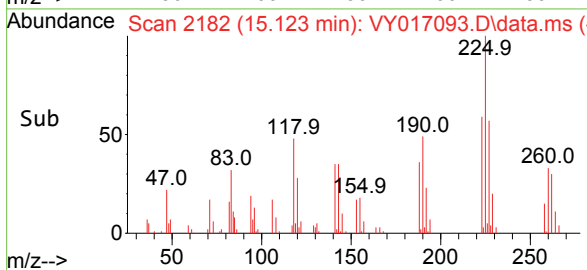
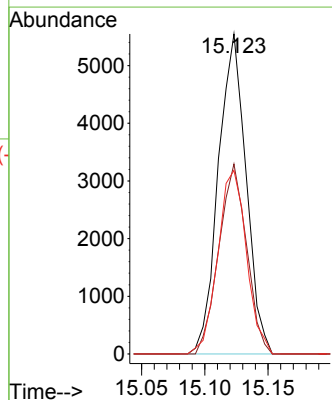
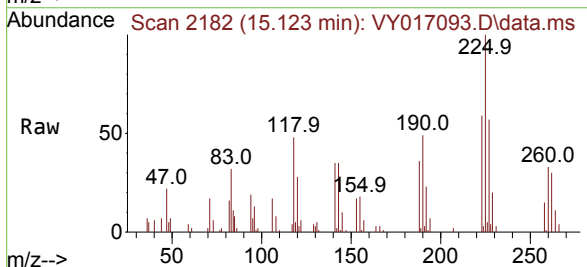
Tgt Ion:225 Resp: 8451

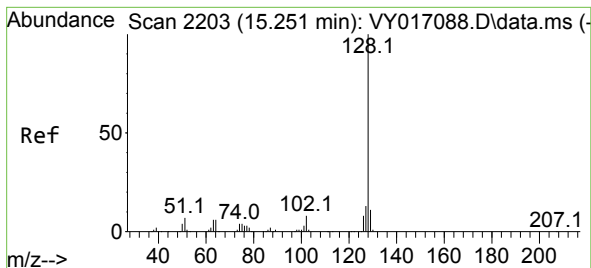
Ion Ratio Lower Upper

225 100

223 59.4 31.4 94.3

227 59.4 32.3 96.8





#95

Naphthalene

Concen: 9.251 ug/l

RT: 15.245 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

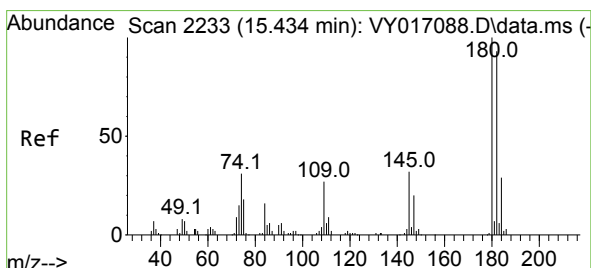
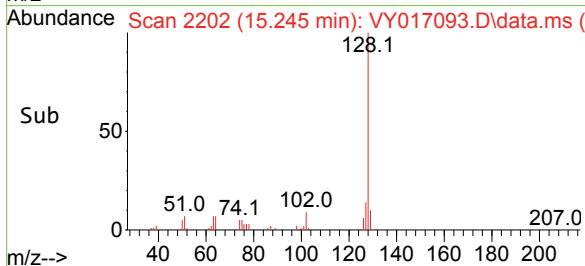
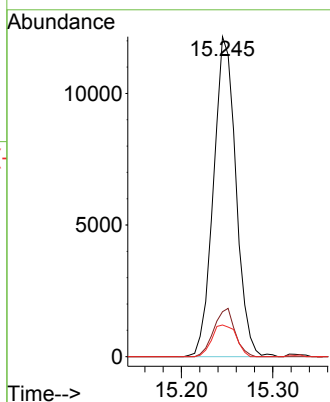
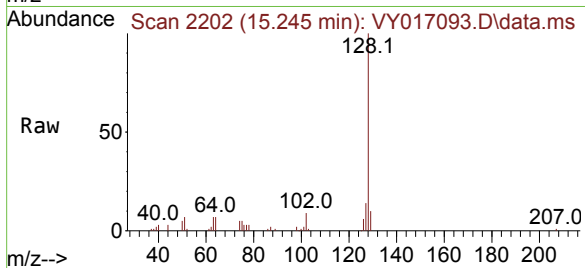
Tgt Ion:128 Resp: 20750

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 10.503 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017093.D

Acq: 24 Jan 2024 15:13

Tgt Ion:180 Resp: 11097

Ion Ratio Lower Upper

180 100

182 92.2 46.3 138.8

145 31.3 16.1 48.2

