

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012524\
 Data File : VY017102.D
 Acq On : 25 Jan 2024 11:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 26 04:41:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	134269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	224981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	193329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	86536	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	61482	46.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.000%
35) Dibromofluoromethane	7.734	113	64412	47.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.880%
50) Toluene-d8	10.191	98	248203	48.395	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.489	95	77410	48.996	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47743	48.971	ug/l	96
3) Chloromethane	2.119	50	89230	52.938	ug/l	99
4) Vinyl Chloride	2.259	62	111963	58.671	ug/l	98
5) Bromomethane	2.662	94	79716	55.580	ug/l	100
6) Chloroethane	2.802	64	73096	57.989	ug/l	98
7) Trichlorofluoromethane	3.137	101	118435	53.896	ug/l	98
8) Diethyl Ether	3.540	74	35363	45.712	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	71679	47.728	ug/l	100
10) Methyl Iodide	4.107	142	73417	51.457	ug/l	100
11) Tert butyl alcohol	4.960	59	22118	228.954	ug/l	99
12) 1,1-Dichloroethene	3.881	96	67176	48.864	ug/l	94
13) Acrolein	3.741	56	33502	213.535	ug/l	99
14) Allyl chloride	4.491	41	103921	50.012	ug/l	98
15) Acrylonitrile	5.174	53	78576	234.031	ug/l	100
16) Acetone	3.954	43	76052	209.684	ug/l	100
17) Carbon Disulfide	4.210	76	198697	47.954	ug/l	100
18) Methyl Acetate	4.491	43	67152	50.038	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	161782	48.225	ug/l	100
20) Methylene Chloride	4.728	84	74795	51.612	ug/l	97
21) trans-1,2-Dichloroethene	5.241	96	79716	50.131	ug/l	96
22) Diisopropyl ether	6.137	45	231024	50.368	ug/l	95
23) Vinyl Acetate	6.076	43	537707	241.674	ug/l	100
24) 1,1-Dichloroethane	6.033	63	137802	49.256	ug/l	99
25) 2-Butanone	7.002	43	105760	214.576	ug/l	100
26) 2,2-Dichloropropane	6.990	77	119577	50.043	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	86785	49.249	ug/l	98
28) Bromochloromethane	7.350	49	54250	48.708	ug/l	99
29) Tetrahydrofuran	7.362	42	62313	234.905	ug/l	99
30) Chloroform	7.521	83	139529	48.979	ug/l	98
31) Cyclohexane	7.801	56	122344	52.897	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	122470	50.135	ug/l	99
36) 1,1-Dichloropropene	7.929	75	112512	50.361	ug/l	100
37) Ethyl Acetate	7.088	43	44541	46.366	ug/l	99
38) Carbon Tetrachloride	7.917	117	108698	49.649	ug/l	99
39) Methylcyclohexane	9.197	83	138318	51.475	ug/l	98
40) Benzene	8.173	78	319894	49.304	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	22283	43.371	ug/l	88
42) 1,2-Dichloroethane	8.252	62	81175	48.258	ug/l	99
43) Isopropyl Acetate	8.283	43	84938	47.363	ug/l	99
44) Trichloroethene	8.953	130	82340	49.480	ug/l	99
45) 1,2-Dichloropropane	9.228	63	78256	49.141	ug/l	98
46) Dibromomethane	9.319	93	40490	47.876	ug/l	98
47) Bromodichloromethane	9.508	83	105836	49.189	ug/l	99
48) Methyl methacrylate	9.301	41	49001	49.211	ug/l	99
49) 1,4-Dioxane	9.307	88	8872	1066.612	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	227828	238.820	ug/l	100
52) Toluene	10.252	92	199644	50.838	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	99255	50.498	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	121306	50.180	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	56176	47.525	ug/l	97
56) Ethyl methacrylate	10.520	69	53062	51.334	ug/l	98
57) 1,3-Dichloropropane	10.801	76	97173	48.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	197041	274.616	ug/l	100
59) 2-Hexanone	10.843	43	160331	220.296	ug/l	99
60) Dibromochloromethane	10.996	129	67497	49.150	ug/l	98
61) 1,2-Dibromoethane	11.099	107	52089	48.509	ug/l	100
64) Tetrachloroethene	10.727	164	65183	48.372	ug/l	99
65) Chlorobenzene	11.526	112	204074	49.812	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	75088	50.177	ug/l	100
67) Ethyl Benzene	11.599	91	381892	51.276	ug/l	99
68) m/p-Xylenes	11.709	106	289027	103.288	ug/l	99
69) o-Xylene	12.038	106	131794	51.850	ug/l	100
70) Styrene	12.050	104	193612	52.468	ug/l	99
71) Bromoform	12.215	173	36603	48.779	ug/l #	99
73) Isopropylbenzene	12.337	105	362162	50.909	ug/l	100
74) N-amyl acetate	12.154	43	71186	49.644	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.593	83	62452	46.038	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	77141	73.441	ug/l #	100
77) Bromobenzene	12.617	156	75309	48.924	ug/l	99
78) n-propylbenzene	12.678	91	439231	51.333	ug/l	99
79) 2-Chlorotoluene	12.764	91	236742	50.420	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	292027	51.868	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	19472	47.993	ug/l	95
82) 4-Chlorotoluene	12.861	91	244208	50.183	ug/l	100
83) tert-Butylbenzene	13.081	119	249448	51.222	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	287644	51.403	ug/l	99
85) sec-Butylbenzene	13.264	105	375287	52.043	ug/l	99
86) p-Isopropyltoluene	13.379	119	319906	53.258	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	149875	49.315	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	145047	48.508	ug/l	98
89) n-Butylbenzene	13.702	91	307726	53.113	ug/l	100
90) Hexachloroethane	13.971	117	62765	50.133	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	127483	49.119	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	7917	45.696	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	67797	49.988	ug/l	99
94) Hexachlorobutadiene	15.123	225	39854	48.825	ug/l	100
95) Naphthalene	15.245	128	122366	51.083	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	55720	49.382	ug/l	99

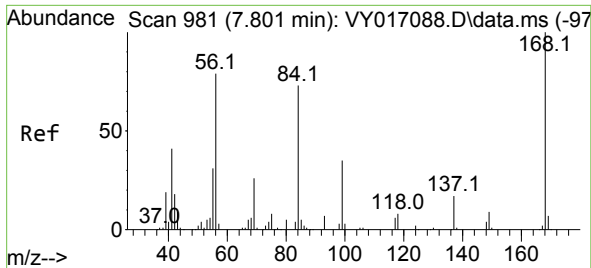
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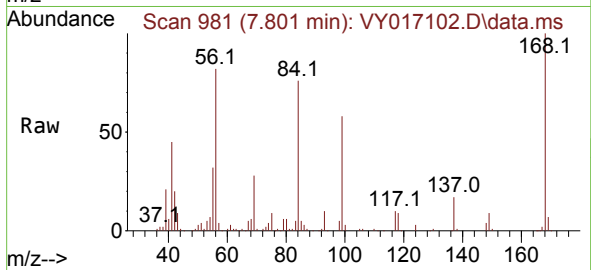
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

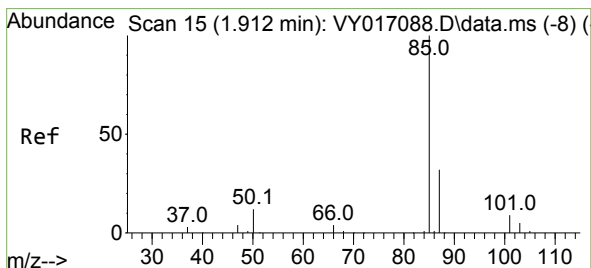
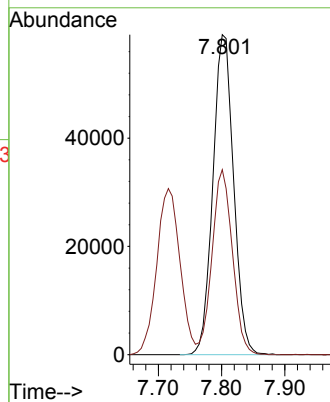
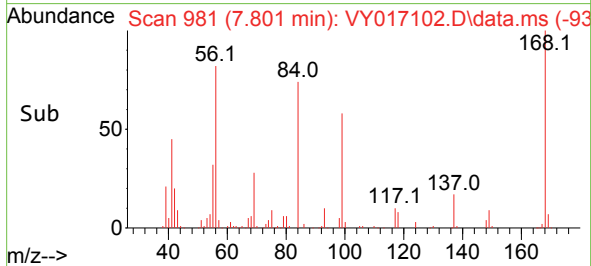


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Instrument :
MSVOA_Y
ClientSampleId :

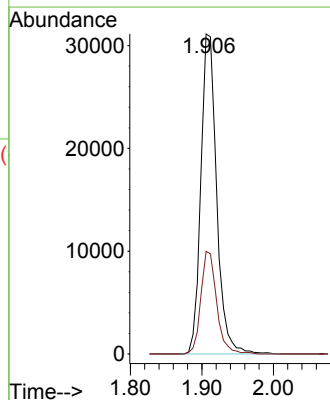
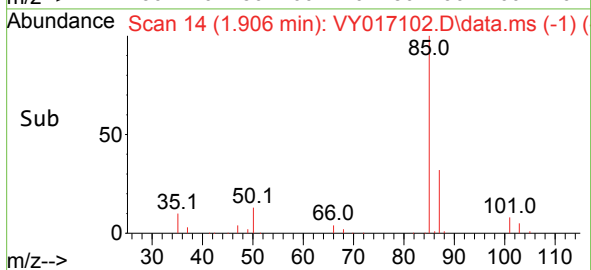
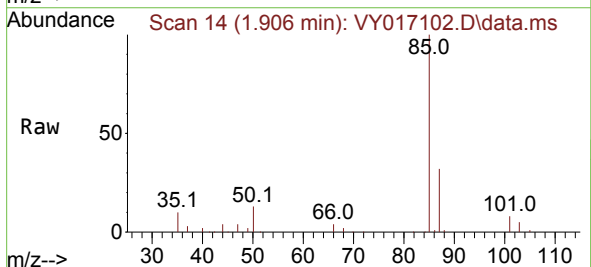


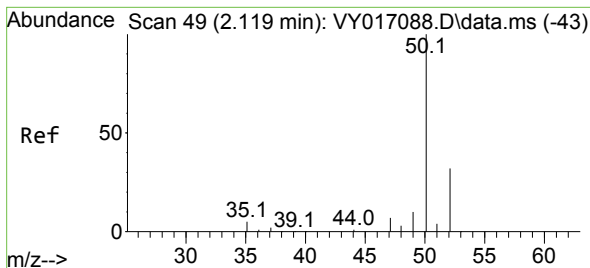
Tgt Ion:168 Resp: 134269
Ion Ratio Lower Upper
168 100
99 57.8 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 48.971 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 85 Resp: 47743
Ion Ratio Lower Upper
85 100
87 32.1 17.1 51.3





#3

Chloromethane

Concen: 52.938 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

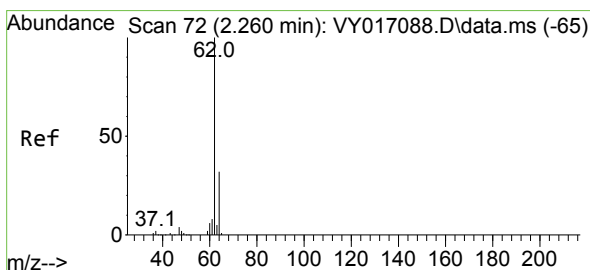
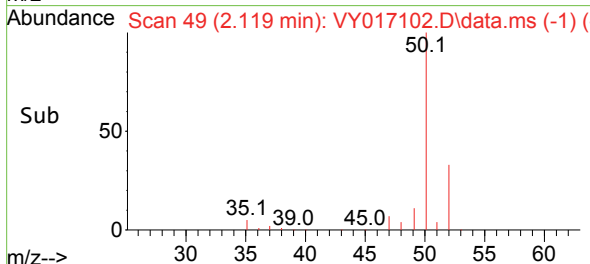
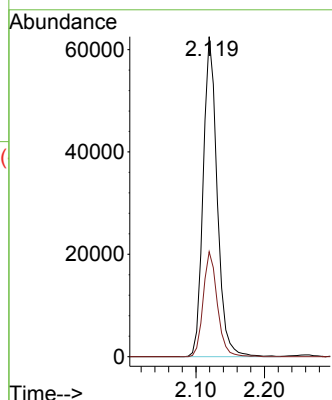
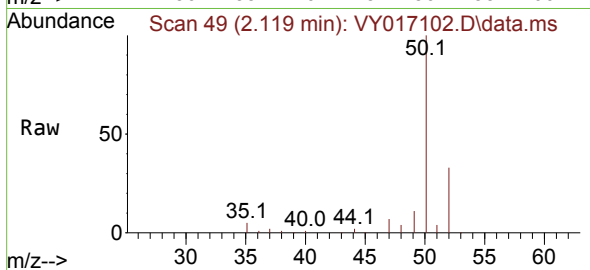
ClientSampleId :

Tgt Ion: 50 Resp: 89230

Ion Ratio Lower Upper

50 100

52 32.8 26.7 40.1



#4

Vinyl Chloride

Concen: 58.671 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY017102.D

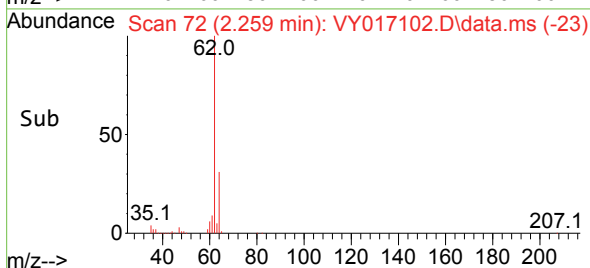
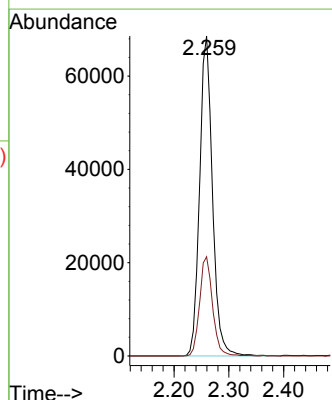
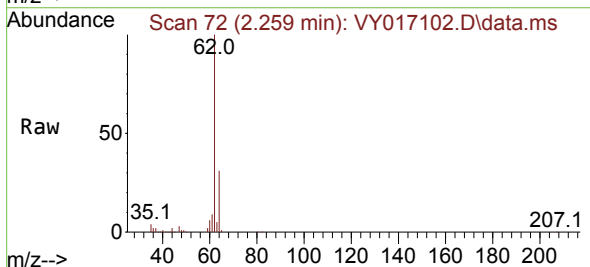
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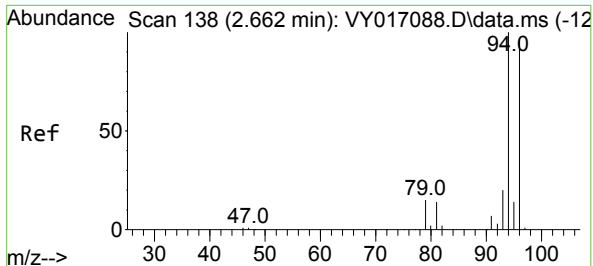
Tgt Ion: 62 Resp: 111963

Ion Ratio Lower Upper

62 100

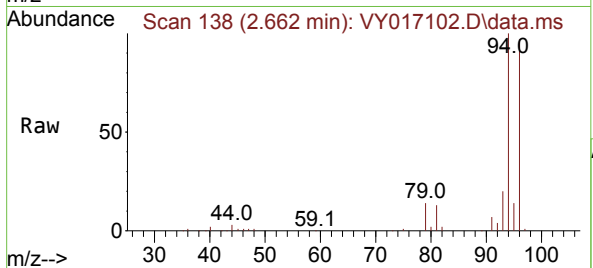
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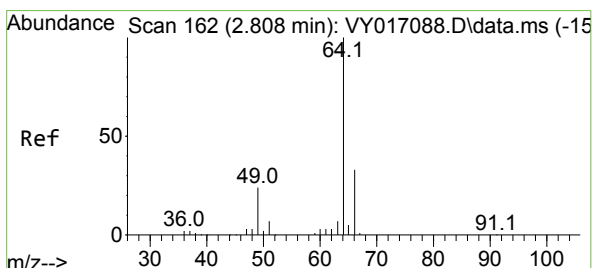
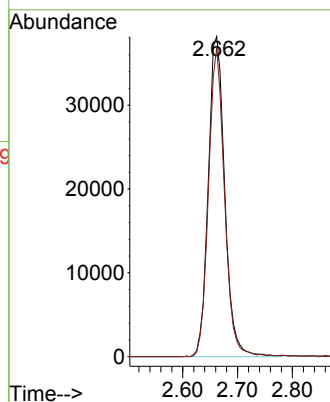
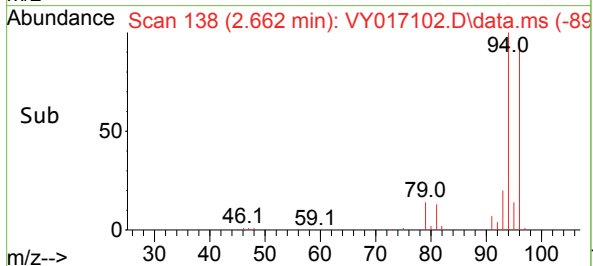


#5
Bromomethane
Concen: 55.580 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Instrument :
MSVOA_Y
ClientSampleId :

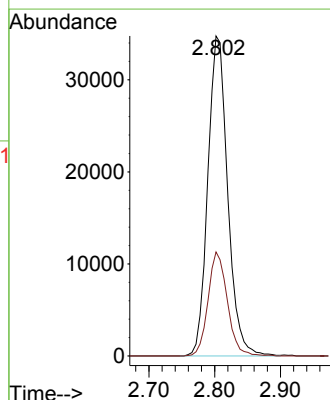
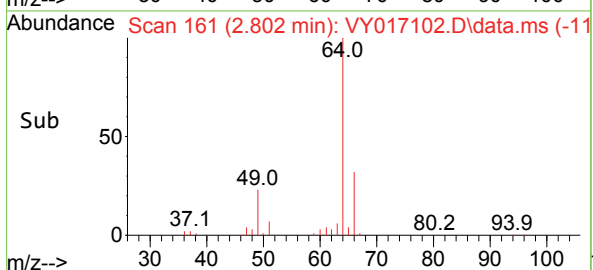
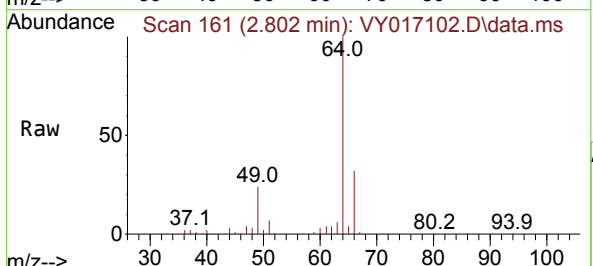


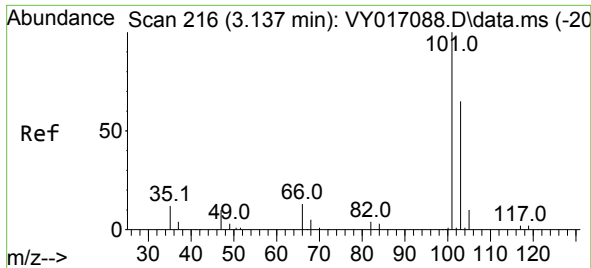
Tgt Ion: 94 Resp: 79716
Ion Ratio Lower Upper
94 100
96 96.5 77.3 115.9



#6
Chloroethane
Concen: 57.989 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 64 Resp: 73096
Ion Ratio Lower Upper
64 100
66 32.5 25.1 37.7

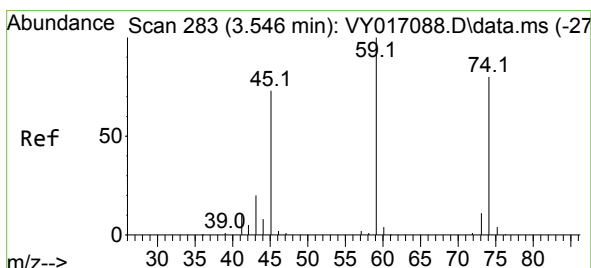
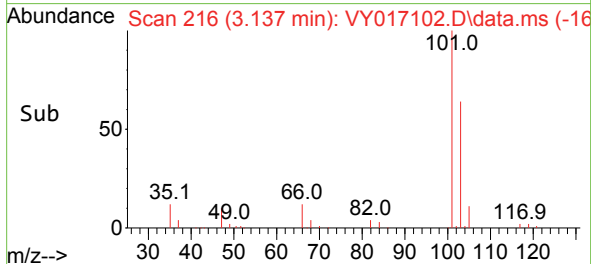
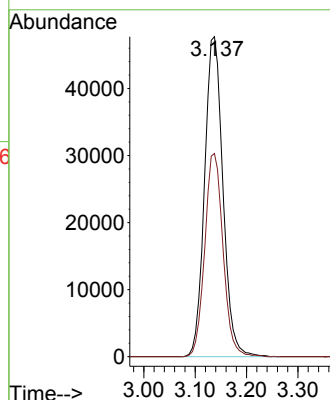
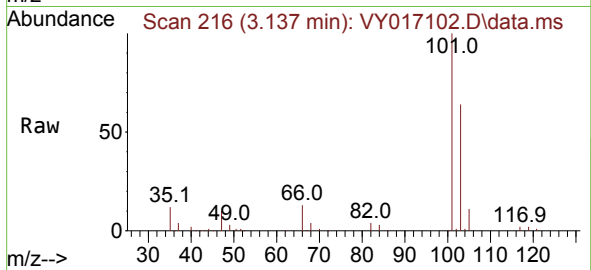




#7
 Trichlorofluoromethane
 Concen: 53.896 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY017102.D
 Acq: 25 Jan 2024 11:50

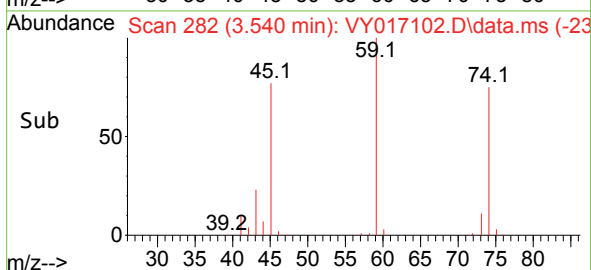
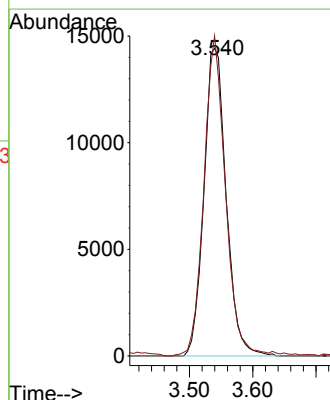
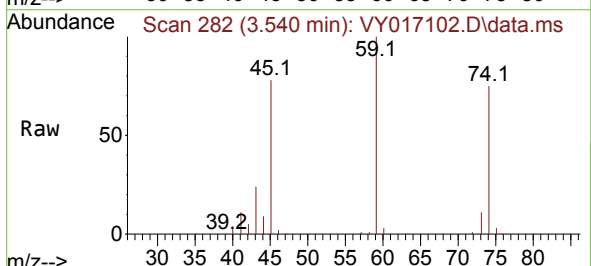
Instrument :
 MSVOA_Y
 ClientSampleId :

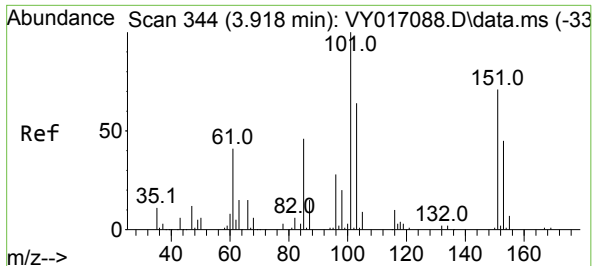
Tgt Ion:101 Resp: 118435
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 45.712 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
 Lab File: VY017102.D
 Acq: 25 Jan 2024 11:50

Tgt Ion: 74 Resp: 35363
 Ion Ratio Lower Upper
 74 100
 45 100.1 47.9 143.7

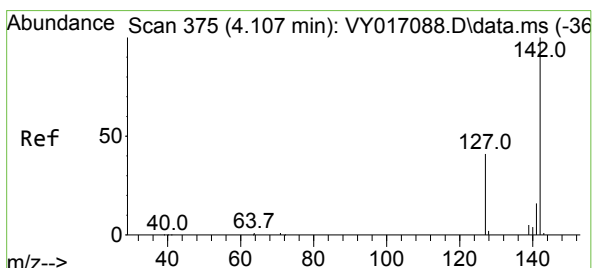
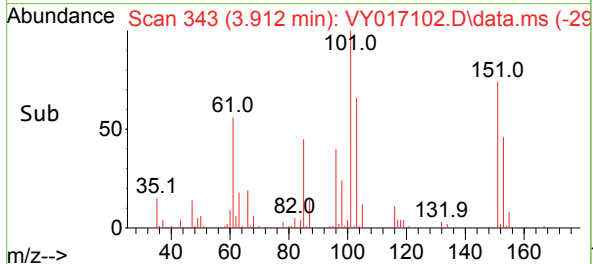
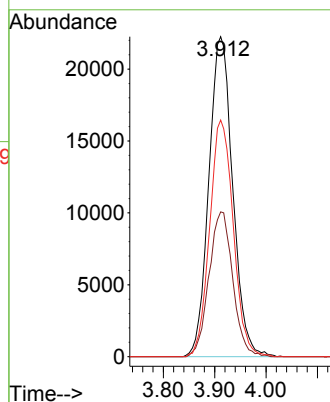
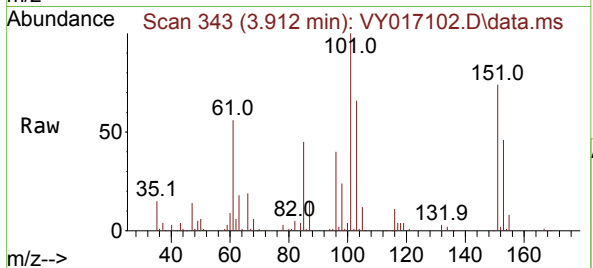




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.728 ug/l
RT: 3.912 min Scan# 344
Delta R.T. 0.001 min
Lab File: VY017102.D
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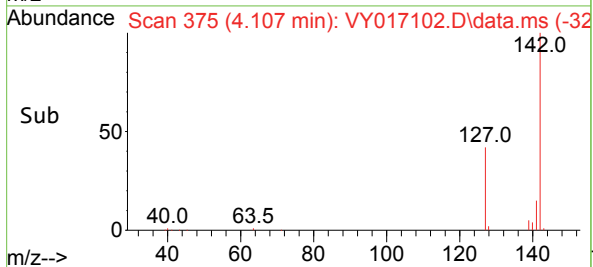
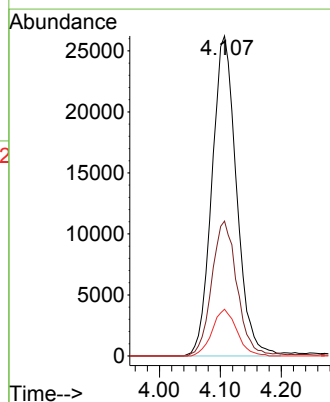
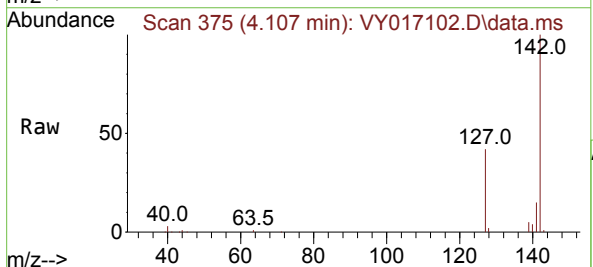
Instrument :
MSVOA_Y
ClientSampleId :

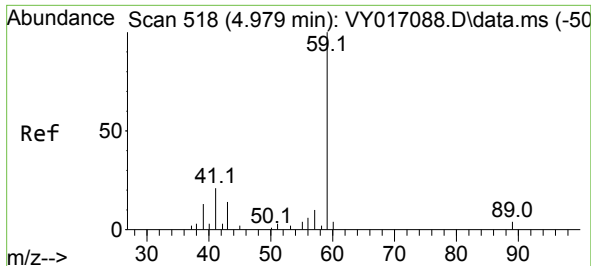
Tgt Ion:101 Resp: 71679
Ion Ratio Lower Upper
101 100
85 45.1 35.8 53.6
151 73.3 58.6 88.0



#10
Methyl Iodide
Concen: 51.457 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion:142 Resp: 73417
Ion Ratio Lower Upper
142 100
127 43.6 35.1 52.7
141 14.6 11.8 17.6





#11

Tert butyl alcohol

Concen: 228.954 ug/l

RT: 4.960 min Scan# 518

Delta R.T. -0.006 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

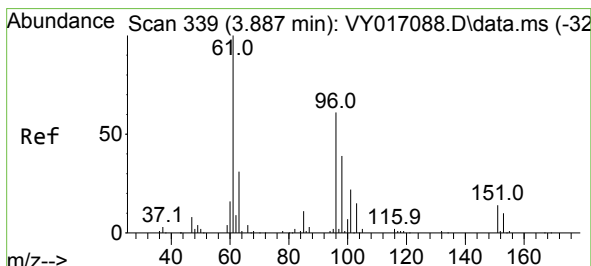
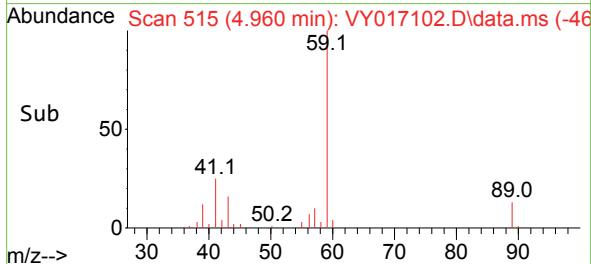
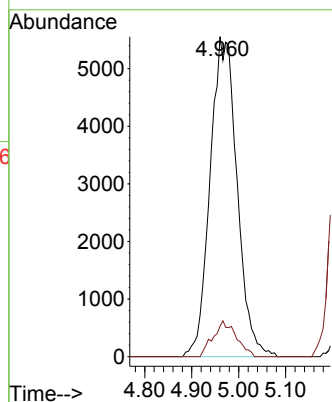
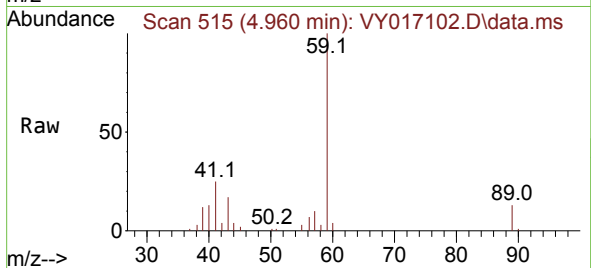
ClientSampleId :

Tgt Ion: 59 Resp: 22118

Ion Ratio Lower Upper

59 100

57 9.5 7.4 11.0



#12

1,1-Dichloroethene

Concen: 48.864 ug/l

RT: 3.881 min Scan# 338

Delta R.T. -0.006 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

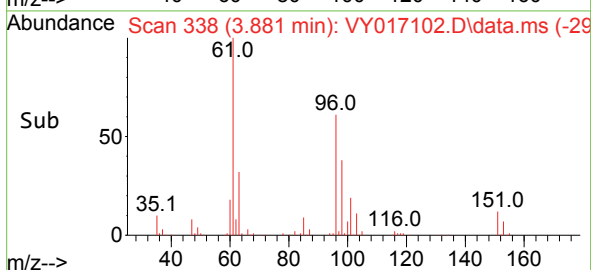
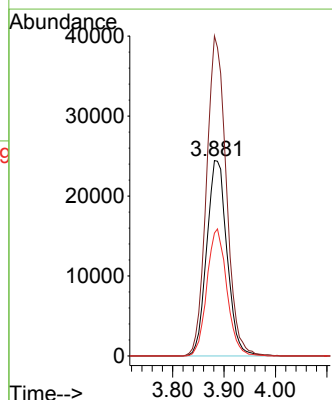
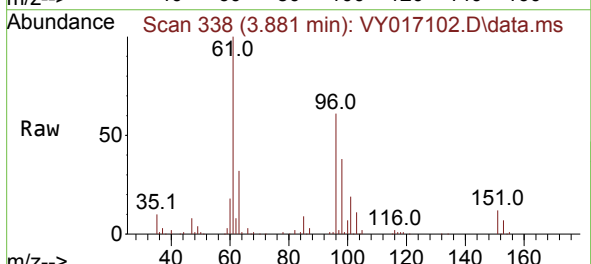
Tgt Ion: 96 Resp: 67176

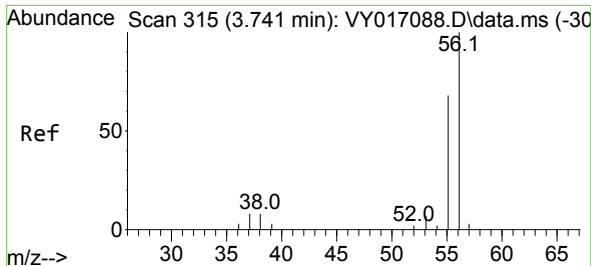
Ion Ratio Lower Upper

96 100

61 163.8 124.2 186.2

98 62.9 52.6 79.0





#13

Acrolein

Concen: 213.535 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

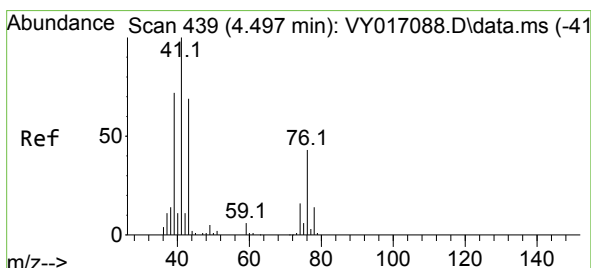
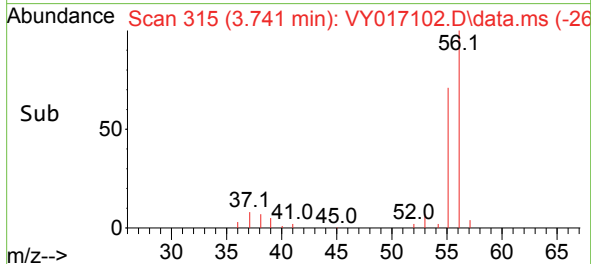
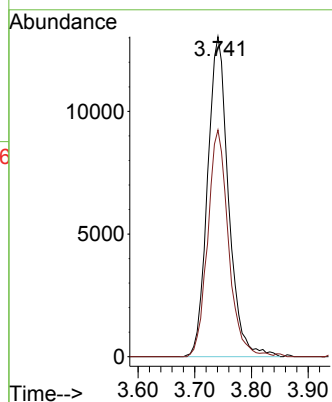
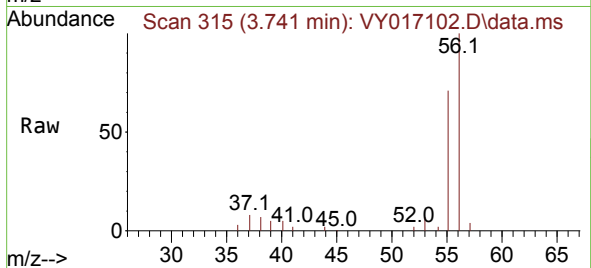
ClientSampleId :

Tgt Ion: 56 Resp: 33502

Ion Ratio Lower Upper

56 100

55 70.2 55.4 83.0



#14

Allyl chloride

Concen: 50.012 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

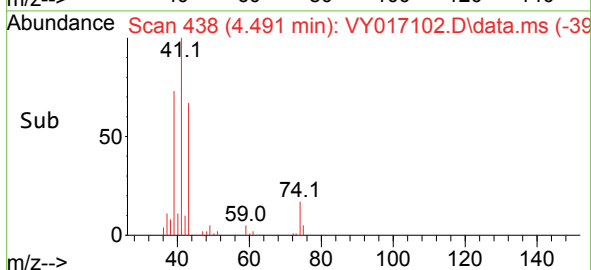
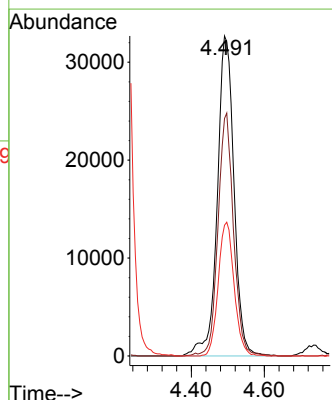
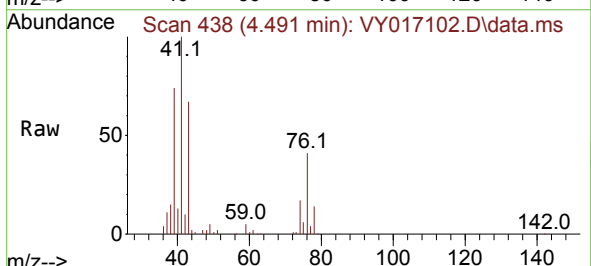
Tgt Ion: 41 Resp: 103921

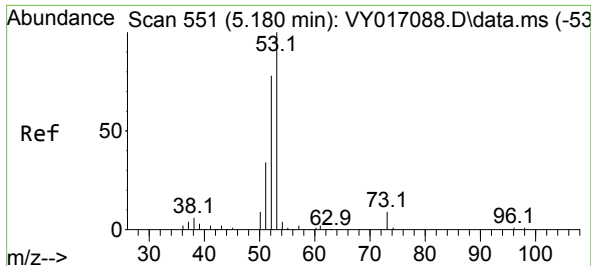
Ion Ratio Lower Upper

41 100

39 70.7 54.7 82.1

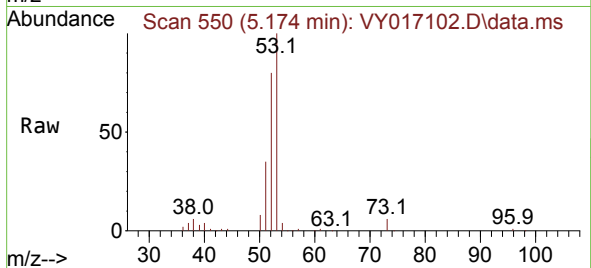
76 39.8 31.8 47.6



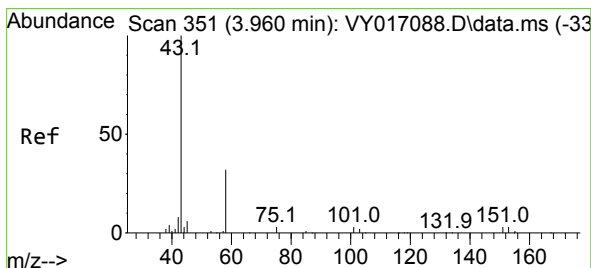
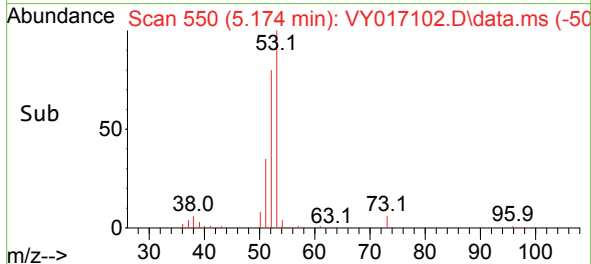
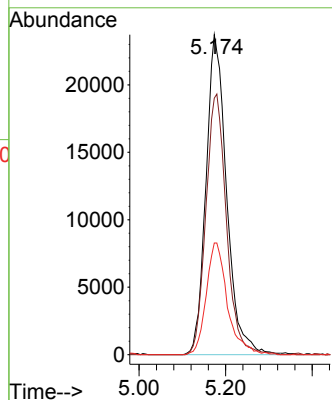


#15
Acrylonitrile
Concen: 234.031 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.005 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Instrument :
MSVOA_Y
ClientSampleId :

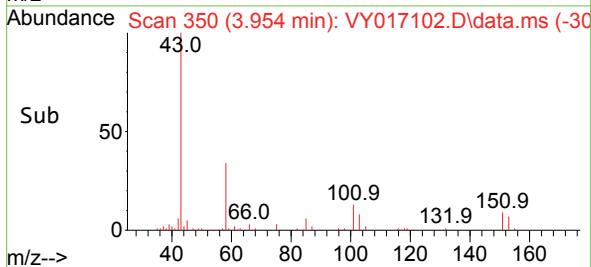
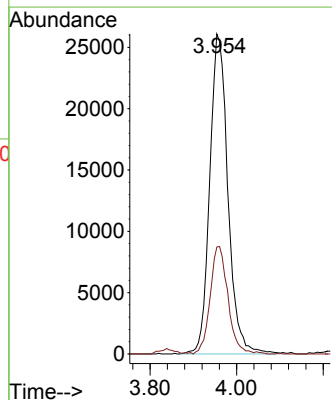
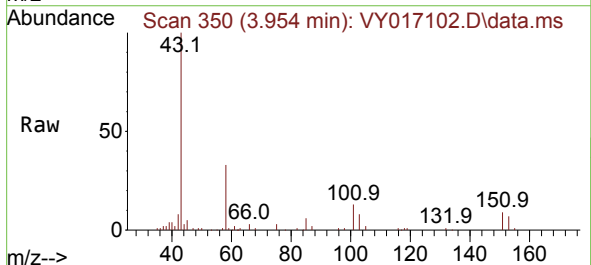


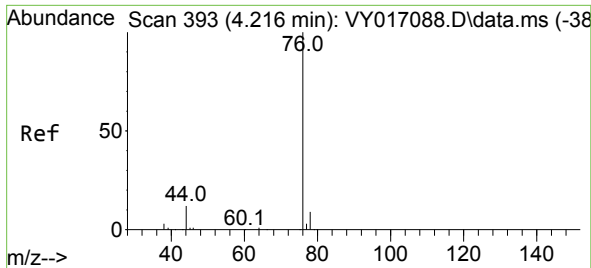
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.1	97.7
51	35.9	29.0	43.4



#16
Acetone
Concen: 209.684 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.2	26.6	39.8





#17

Carbon Disulfide

Concen: 47.954 ug/l

RT: 4.210 min Scan# 393

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

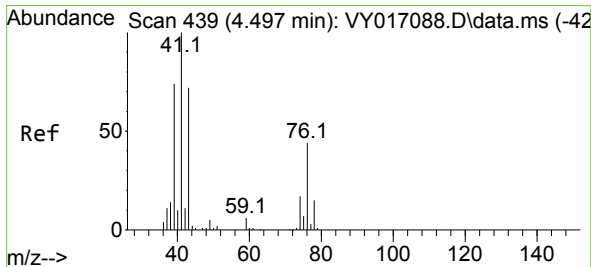
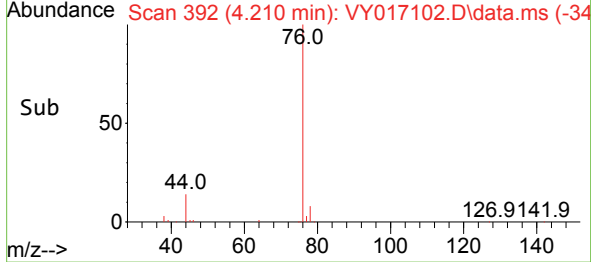
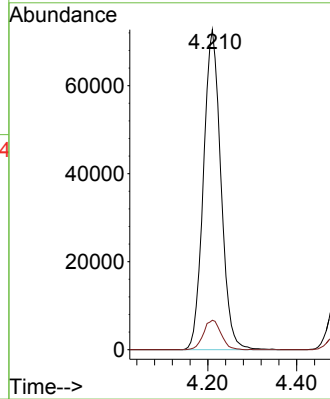
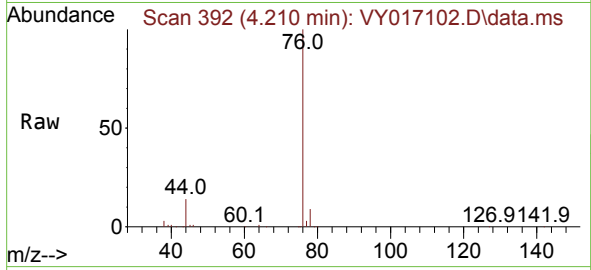
ClientSampleId :

Tgt Ion: 76 Resp: 198697

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



#18

Methyl Acetate

Concen: 50.038 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY017102.D

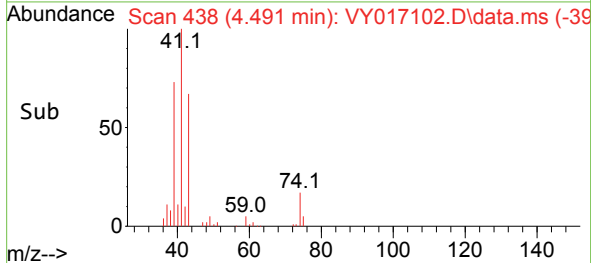
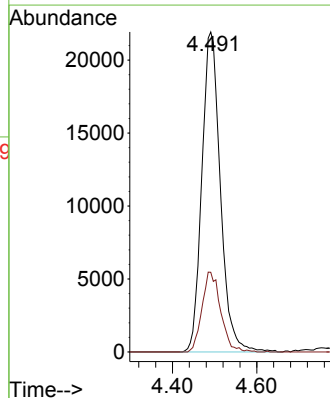
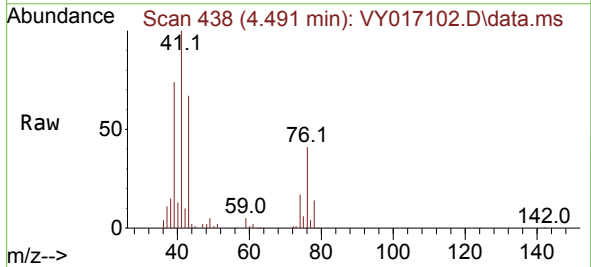
Acq: 25 Jan 2024 11:50

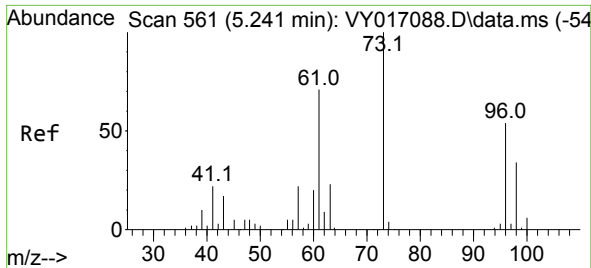
Tgt Ion: 43 Resp: 67152

Ion Ratio Lower Upper

43 100

74 25.1 19.8 29.6

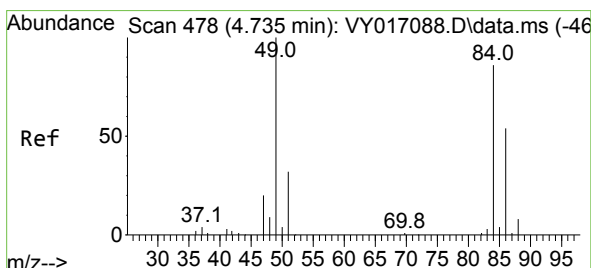
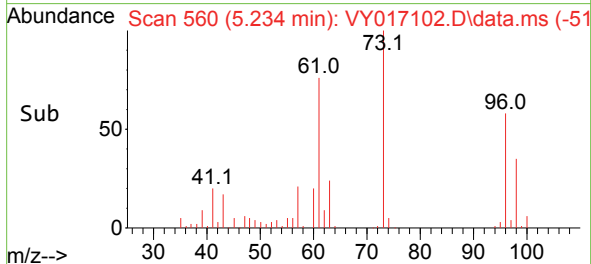
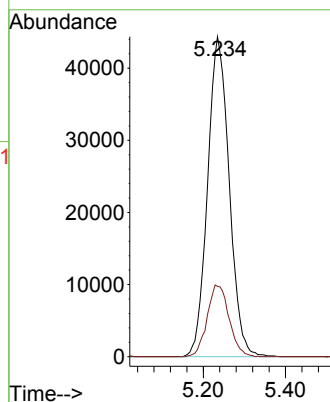
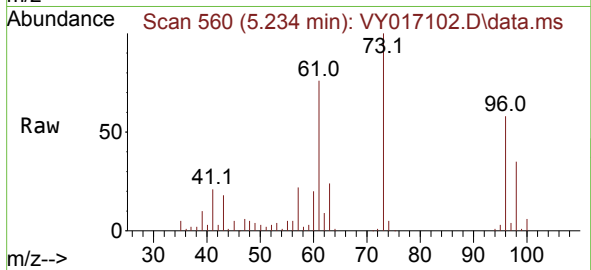




#19
Methyl tert-butyl Ether
Concen: 48.225 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

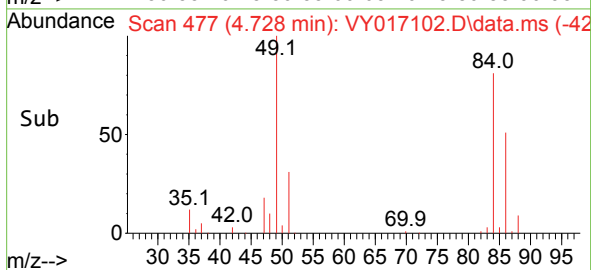
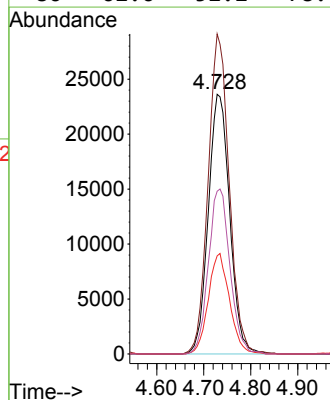
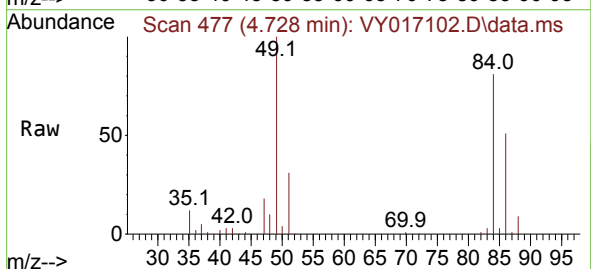
Instrument :
MSVOA_Y
ClientSampleId :

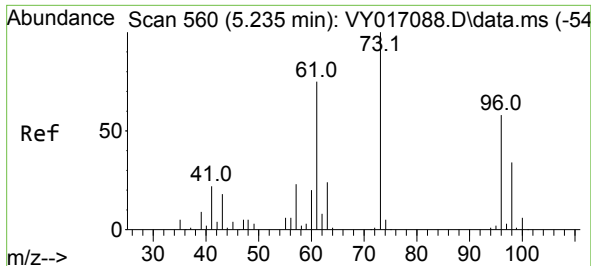
Tgt Ion: 73 Resp: 161782
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 51.612 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 84 Resp: 74795
Ion Ratio Lower Upper
84 100
49 123.2 95.2 142.8
51 37.8 29.9 44.9
86 62.6 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 50.131 ug/l

RT: 5.241 min Scan# 5

Delta R.T. 0.001 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

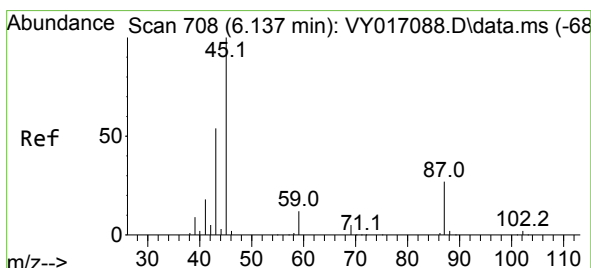
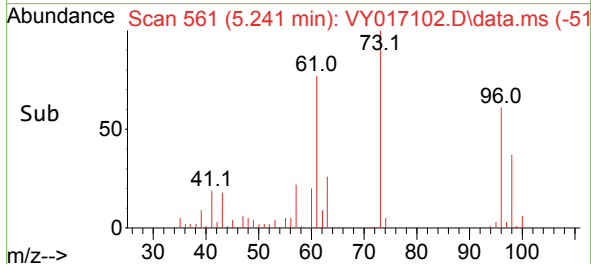
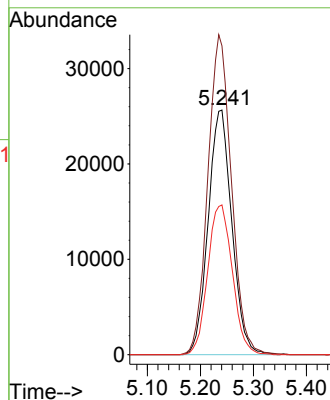
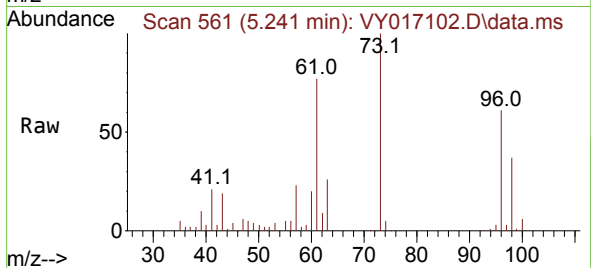
Tgt Ion: 96 Resp: 79716

Ion Ratio Lower Upper

96 100

61 126.2 104.6 156.8

98 61.2 50.9 76.3



#22

Diisopropyl ether

Concen: 50.368 ug/l

RT: 6.137 min Scan# 708

Delta R.T. 0.006 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Tgt Ion: 45 Resp: 231024

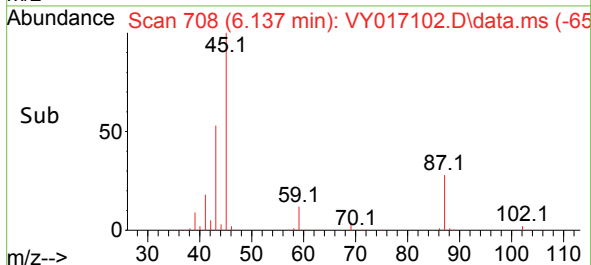
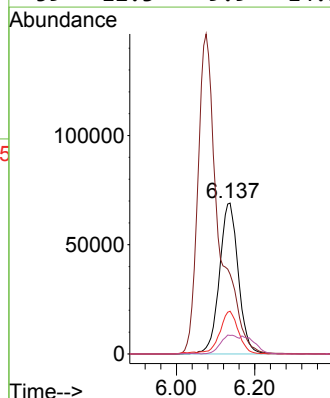
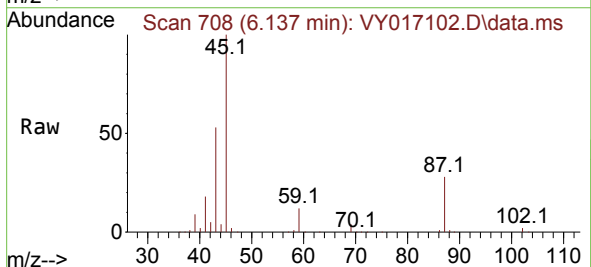
Ion Ratio Lower Upper

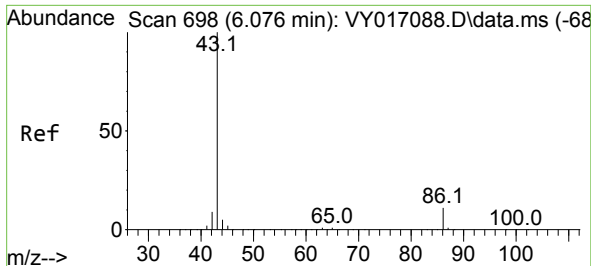
45 100

43 52.7 46.8 70.2

87 28.4 22.2 33.2

59 12.3 9.9 14.9





#23

Vinyl Acetate

Concen: 241.674 ug/l

RT: 6.076 min Scan# 698

Delta R.T. -0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

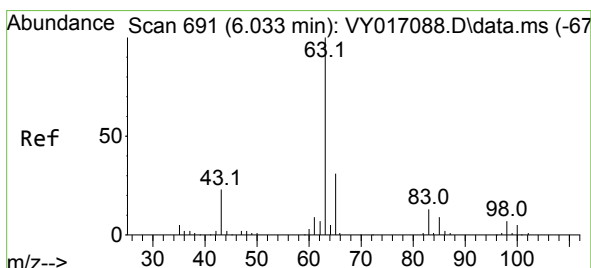
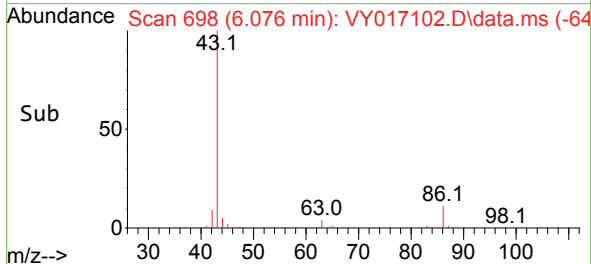
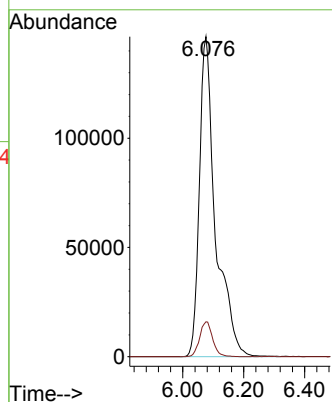
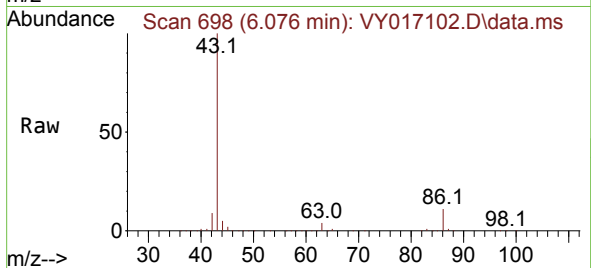
ClientSampleId :

Tgt Ion: 43 Resp: 537707

Ion Ratio Lower Upper

43 100

86 10.9 8.6 13.0



#24

1,1-Dichloroethane

Concen: 49.256 ug/l

RT: 6.033 min Scan# 691

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

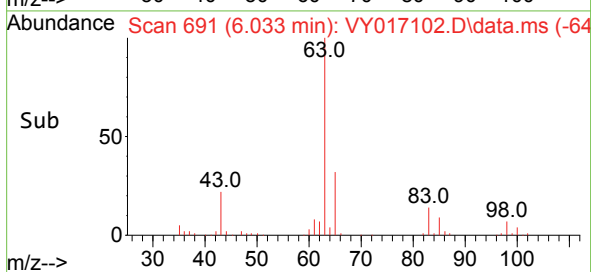
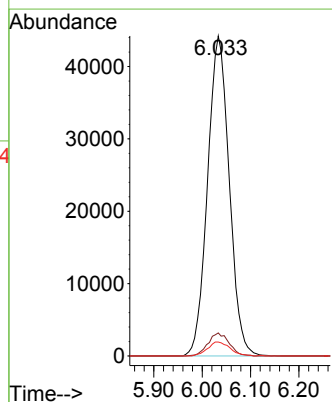
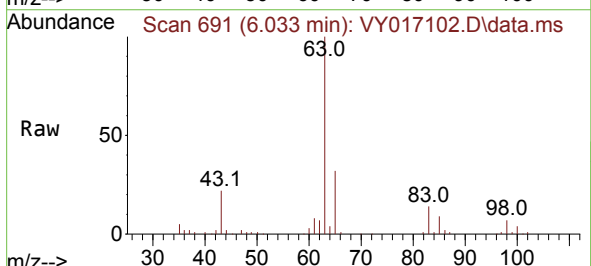
Tgt Ion: 63 Resp: 137802

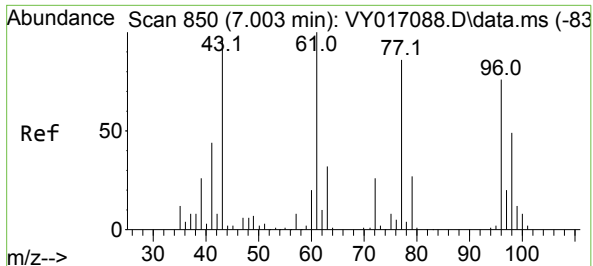
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

100 4.4 2.1 6.2

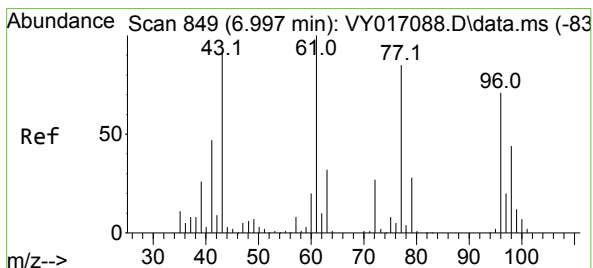
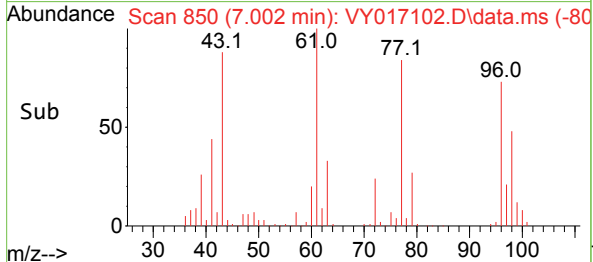
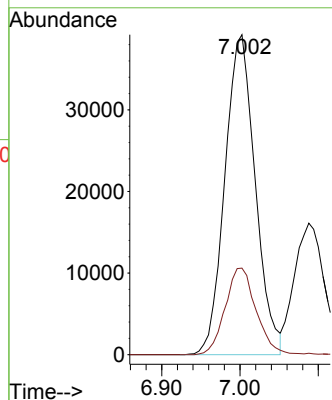
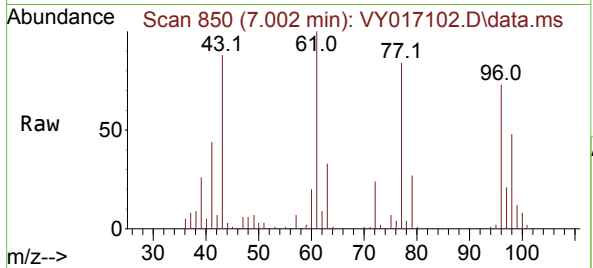




#25
2-Butanone
Concen: 214.576 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

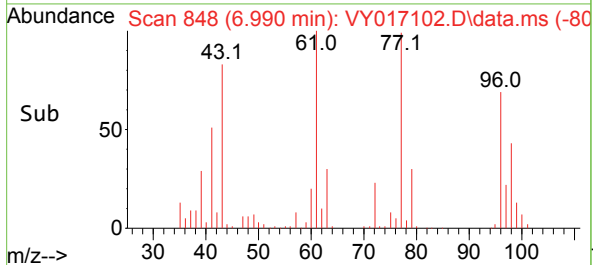
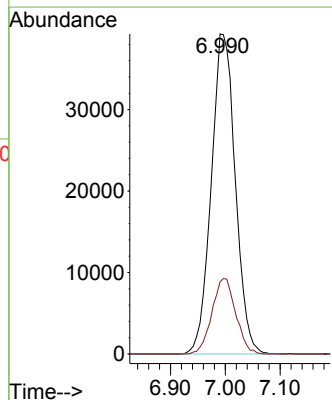
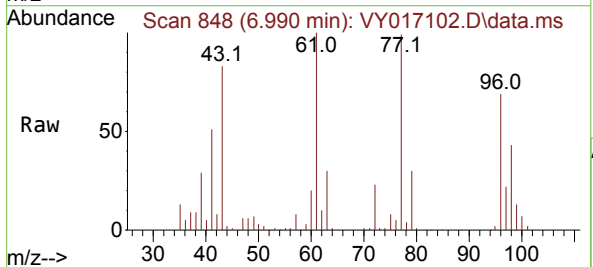
Instrument :
MSVOA_Y
ClientSampleId :

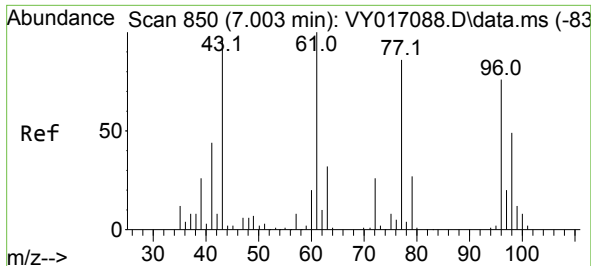
Tgt Ion: 43 Resp: 105760
Ion Ratio Lower Upper
43 100
72 27.0 21.4 32.2



#26
2,2-Dichloropropane
Concen: 50.043 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 77 Resp: 119577
Ion Ratio Lower Upper
77 100
97 23.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 49.249 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

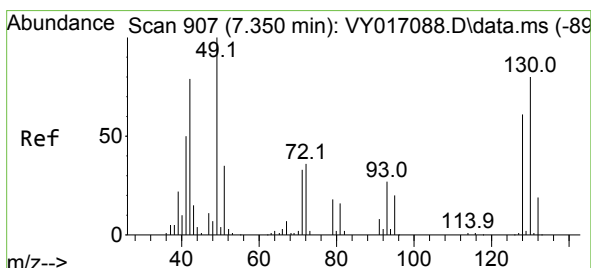
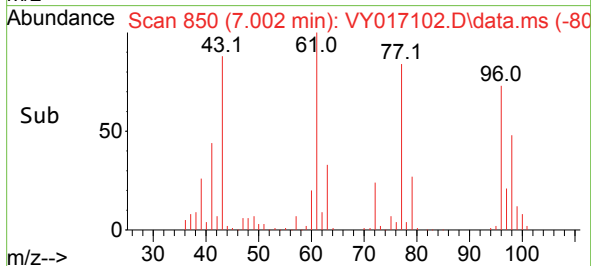
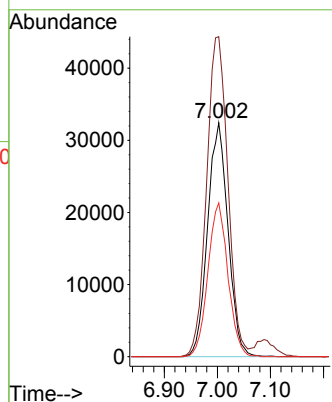
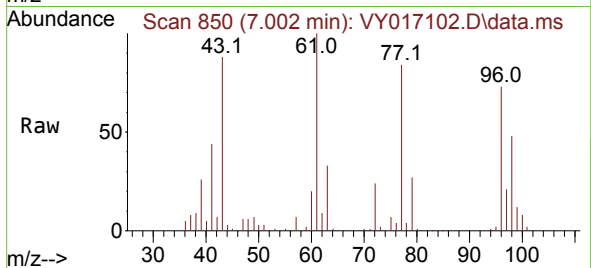
Tgt Ion: 96 Resp: 86785

Ion Ratio Lower Upper

96 100

61 142.1 0.0 278.8

98 64.5 0.0 127.0



#28

Bromochloromethane

Concen: 48.708 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

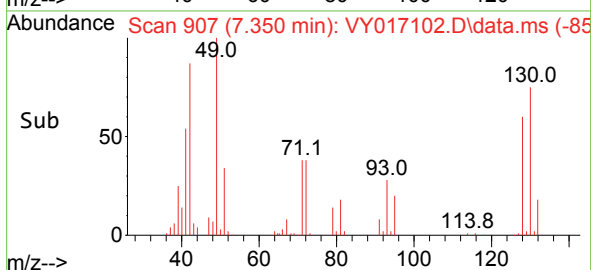
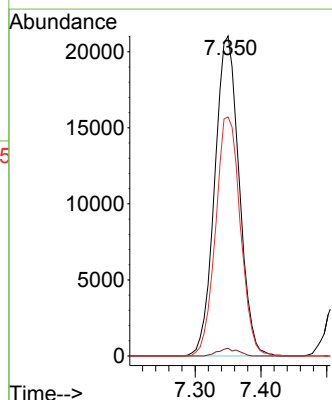
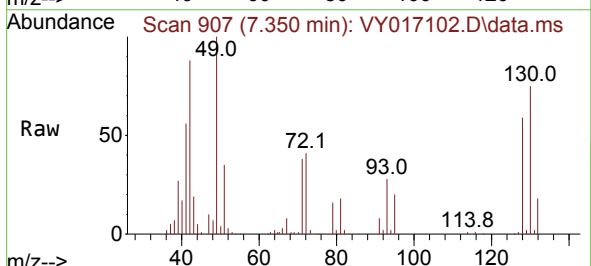
Tgt Ion: 49 Resp: 54250

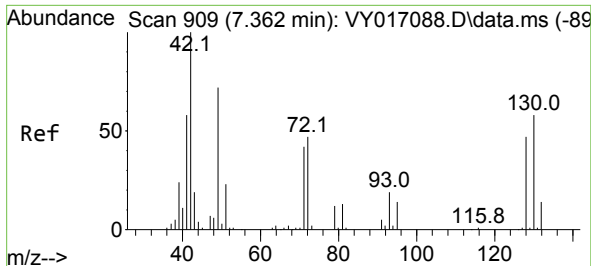
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 75.9 59.8 89.8





#29

Tetrahydrofuran

Concen: 234.905 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

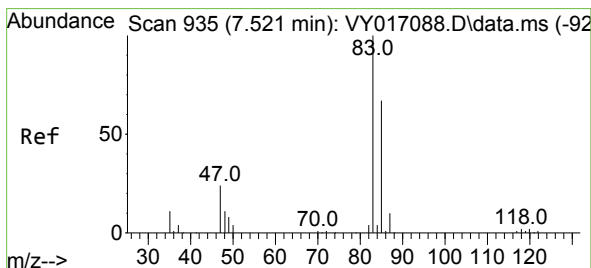
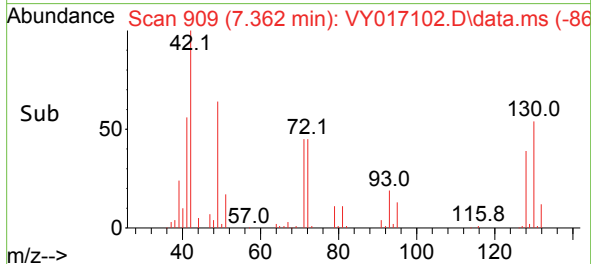
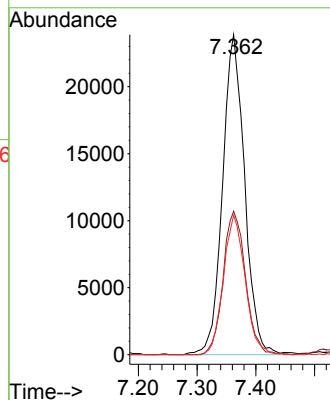
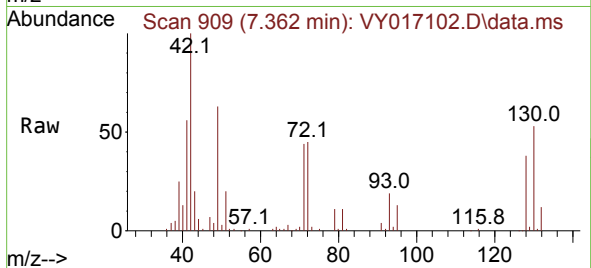
Tgt Ion: 42 Resp: 62313

Ion Ratio Lower Upper

42 100

72 45.5 36.6 54.8

71 43.0 33.8 50.6



#30

Chloroform

Concen: 48.979 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY017102.D

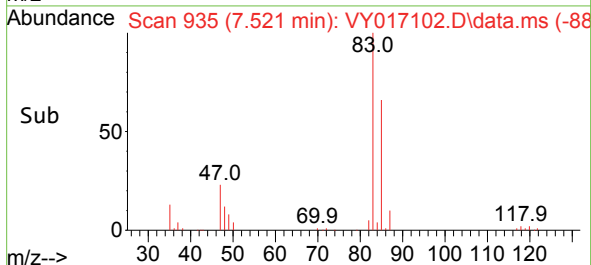
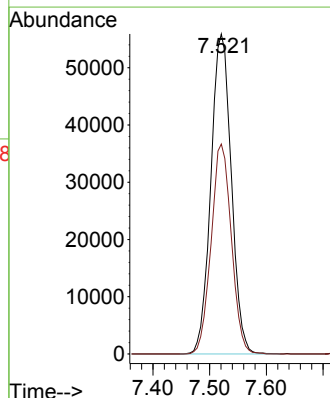
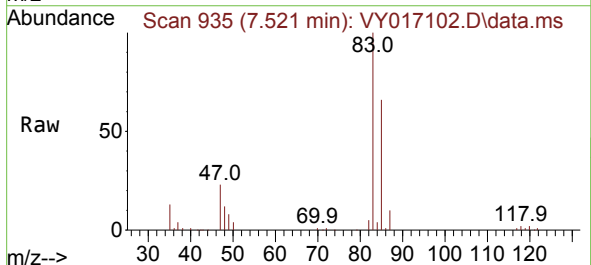
Acq: 25 Jan 2024 11:50

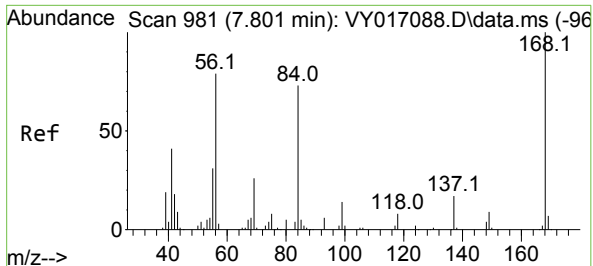
Tgt Ion: 83 Resp: 139529

Ion Ratio Lower Upper

83 100

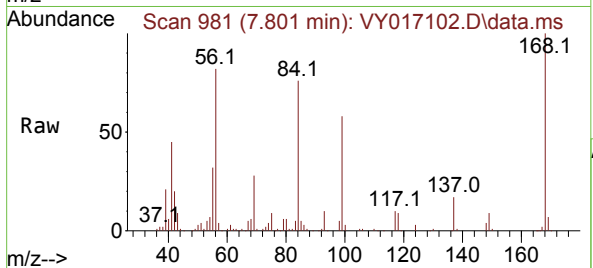
85 65.6 51.2 76.8



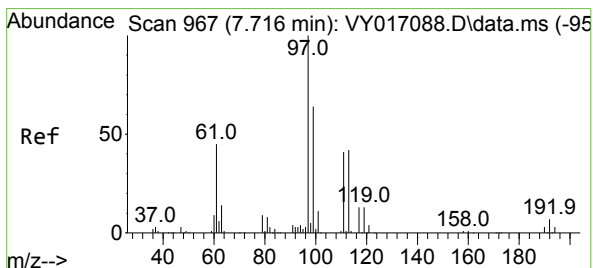
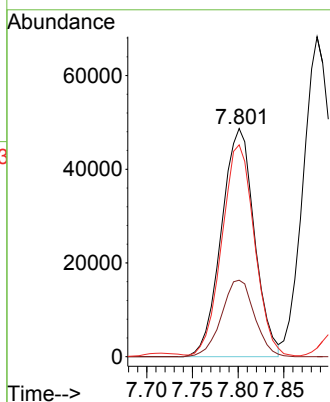
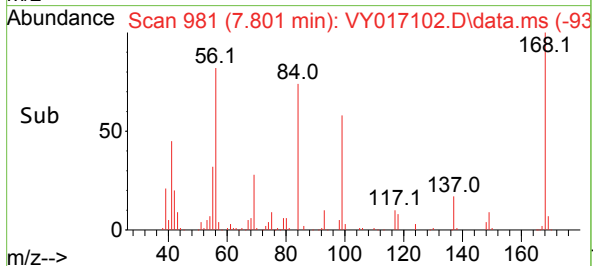


#31
Cyclohexane
Concen: 52.897 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Instrument :
MSVOA_Y
ClientSampleId :

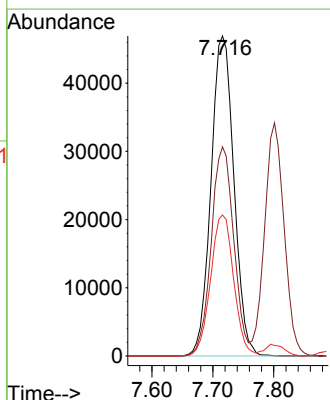
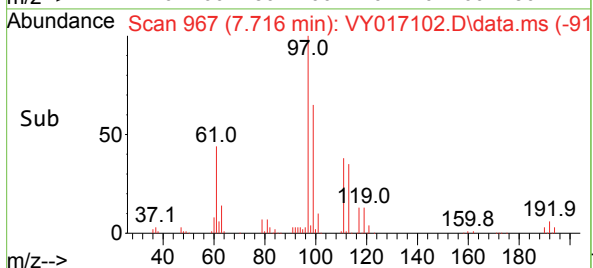
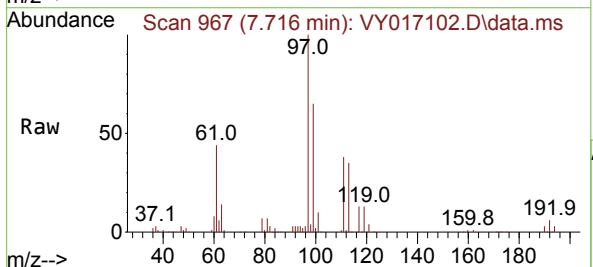


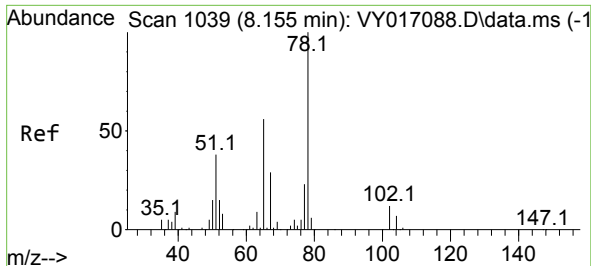
Tgt Ion: 56 Resp: 122344
Ion Ratio Lower Upper
56 100
69 33.5 27.0 40.6
84 91.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 50.135 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 97 Resp: 122470
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 44.4 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 46.998 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

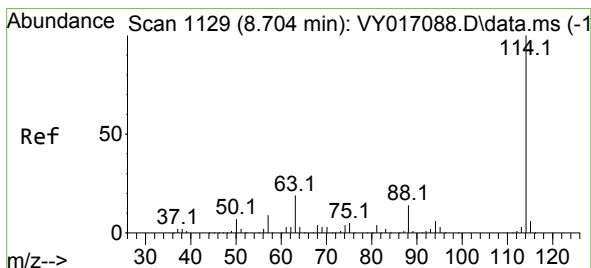
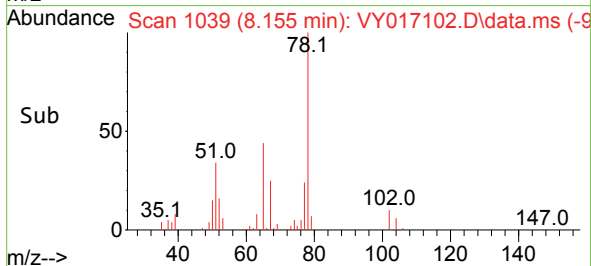
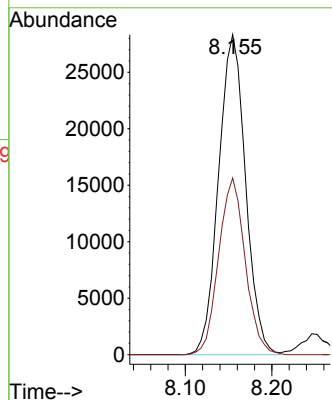
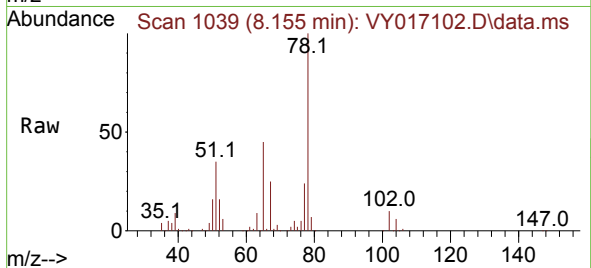
ClientSampleId :

Tgt Ion: 65 Resp: 61482

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

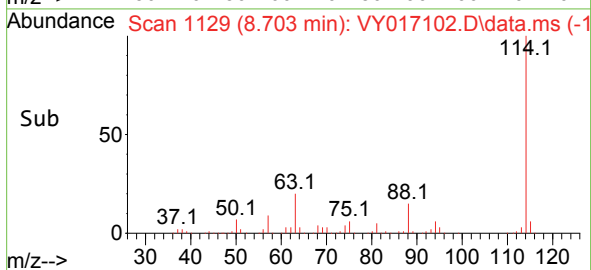
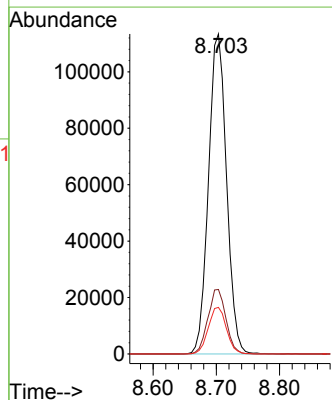
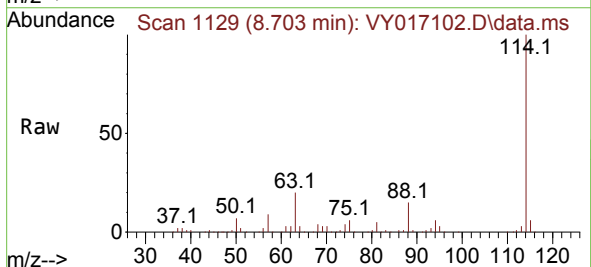
Tgt Ion:114 Resp: 224981

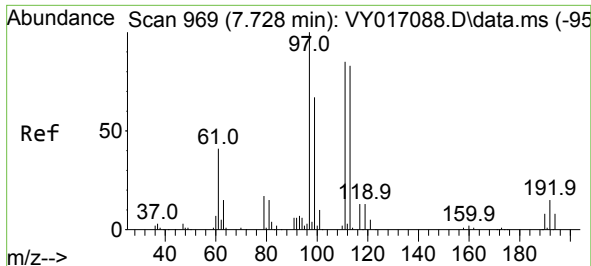
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.6 0.0 29.0

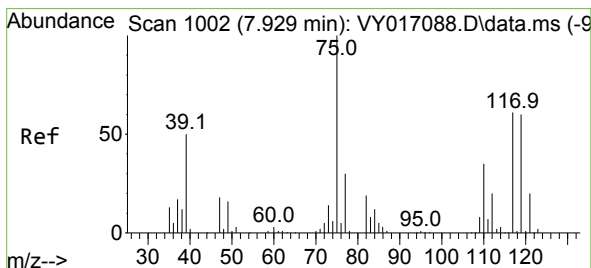
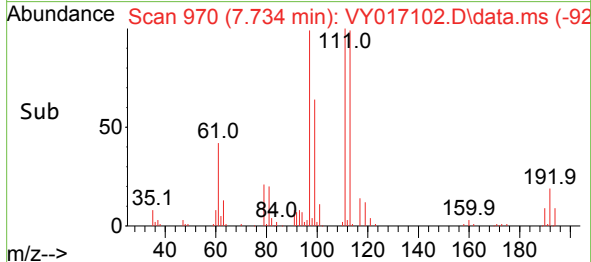
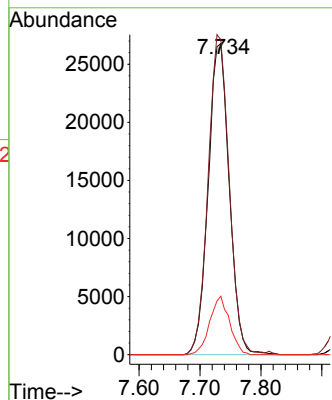
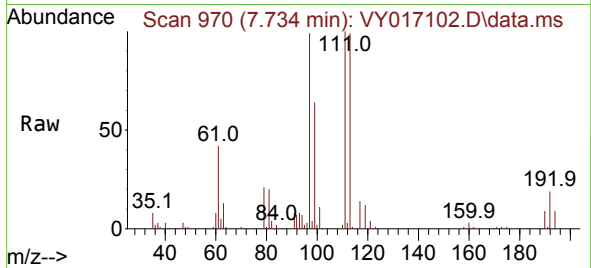




#35
Dibromofluoromethane
Concen: 47.437 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

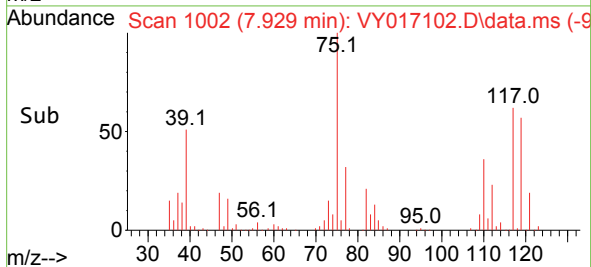
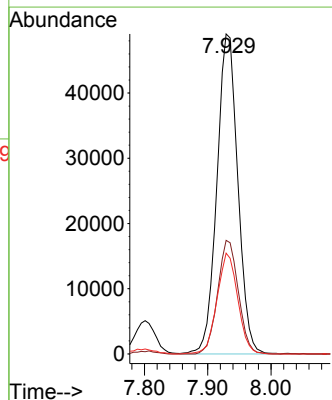
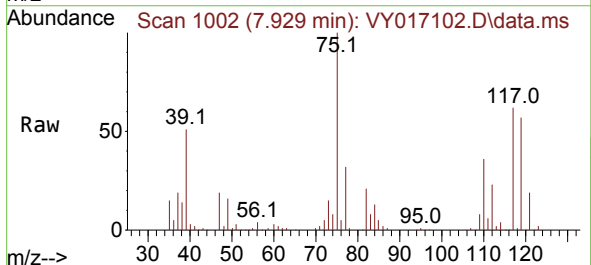
Instrument :
MSVOA_Y
ClientSampleId :

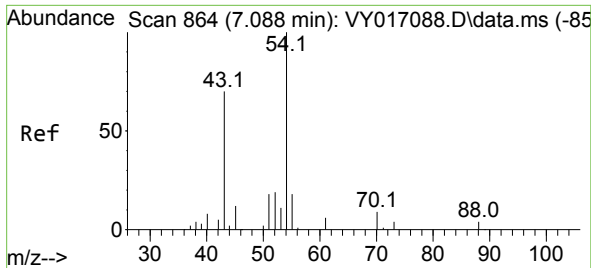
Tgt Ion:113 Resp: 64412
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 17.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 50.361 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 75 Resp: 112512
Ion Ratio Lower Upper
75 100
110 35.1 17.4 52.3
77 31.2 24.7 37.1

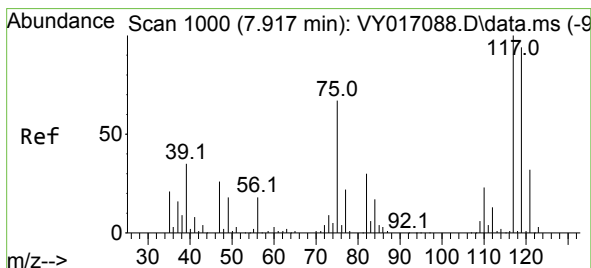
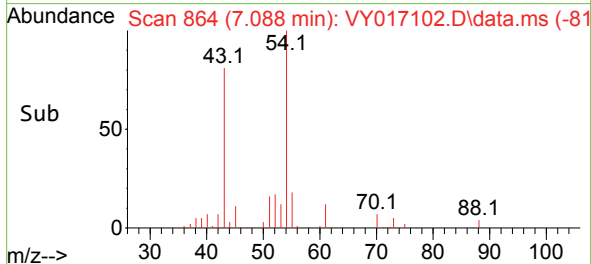
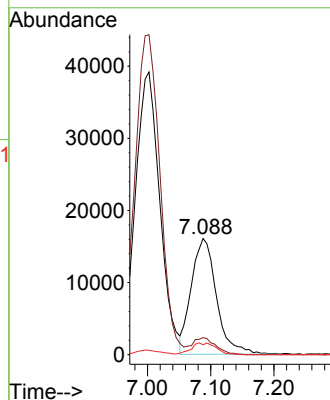
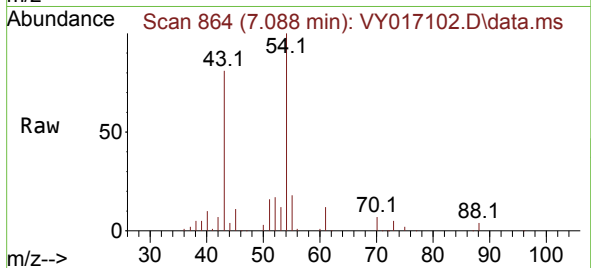




#37
Ethyl Acetate
Concen: 46.366 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

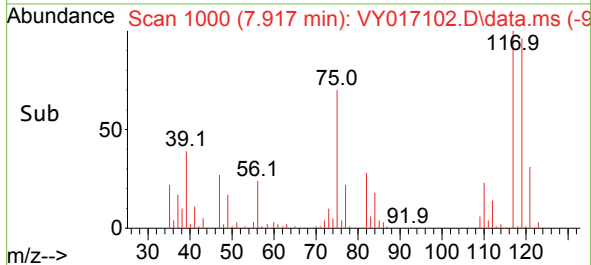
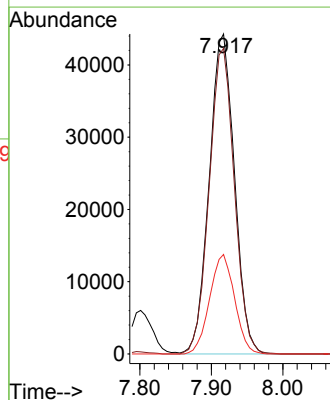
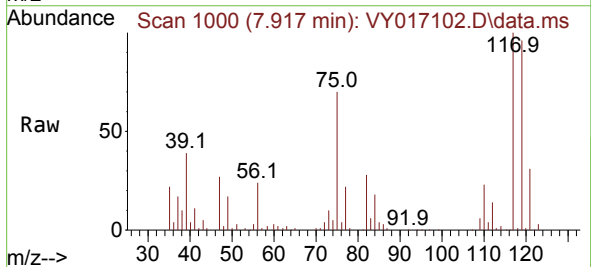
Instrument :
MSVOA_Y
ClientSampleId :

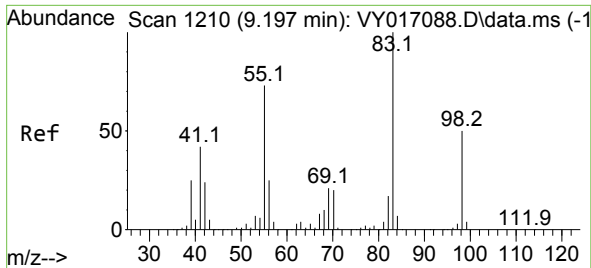
Tgt Ion: 43 Resp: 44541
Ion Ratio Lower Upper
43 100
61 13.0 11.0 16.6
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 49.649 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 117 Resp: 108698
Ion Ratio Lower Upper
117 100
119 95.5 76.0 114.0
121 31.1 24.2 36.2

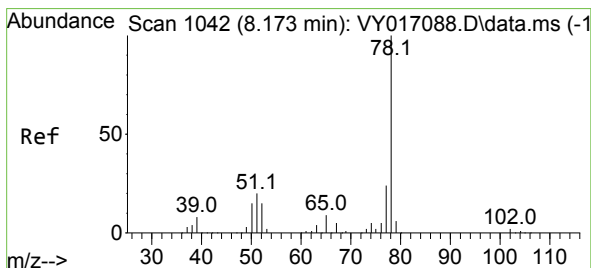
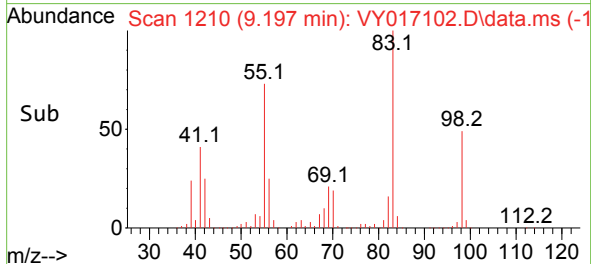
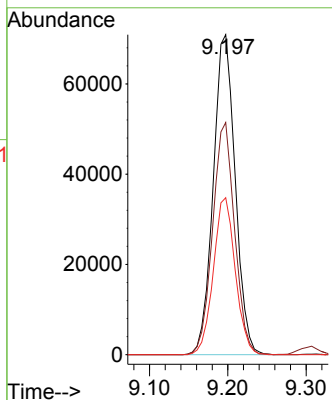
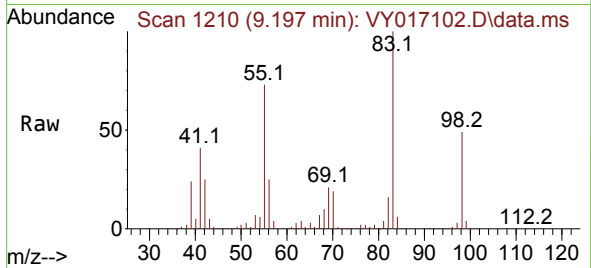




#39
Methylcyclohexane
Concen: 51.475 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

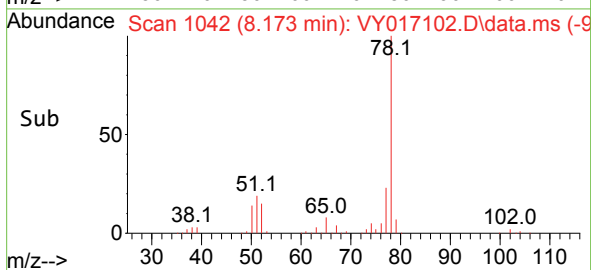
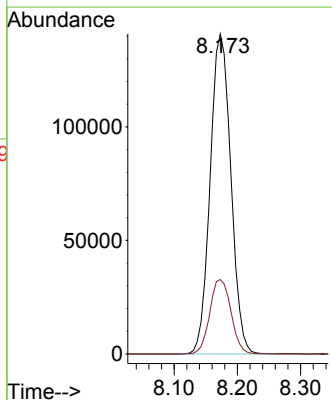
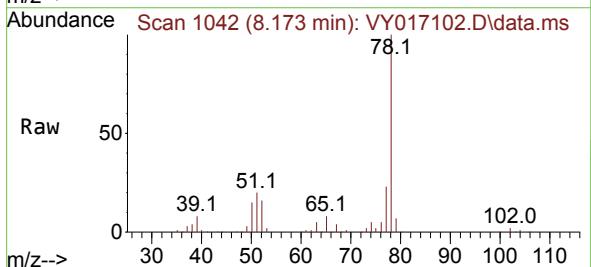
Instrument :
MSVOA_Y
ClientSampleId :

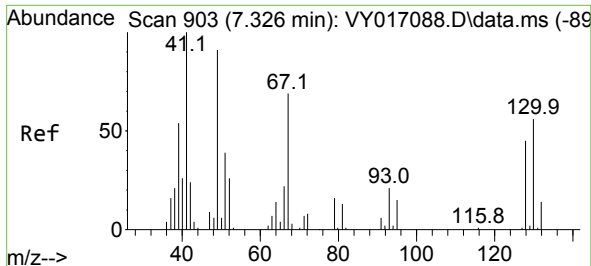
Tgt Ion: 83 Resp: 138318
Ion Ratio Lower Upper
83 100
55 72.6 59.7 89.5
98 49.1 38.0 57.0



#40
Benzene
Concen: 49.304 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 78 Resp: 319894
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

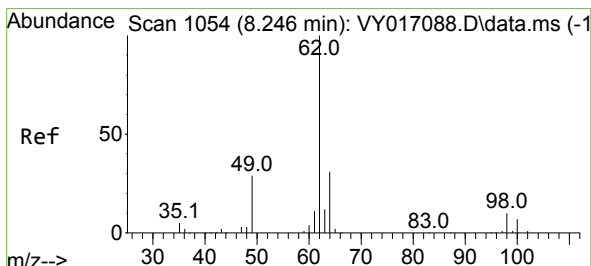
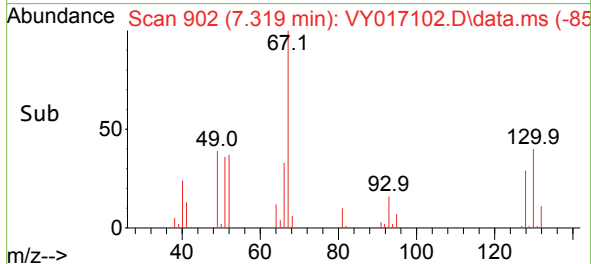
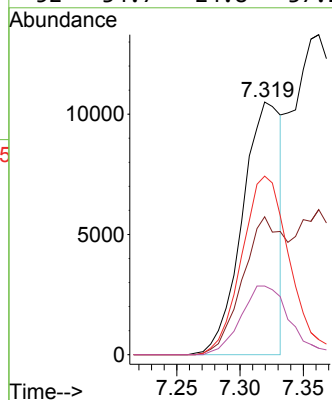
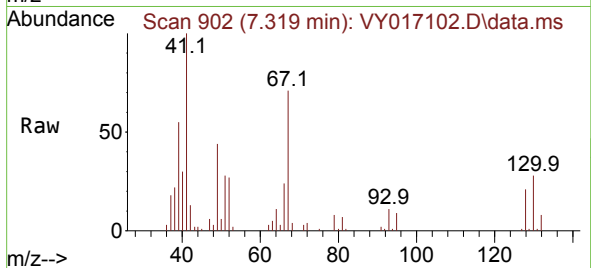




#41
Methacrylonitrile
Concen: 43.371 ug/l
RT: 7.319 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

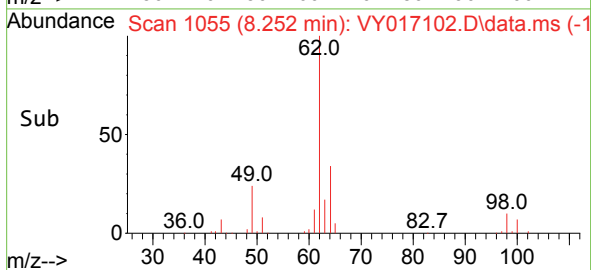
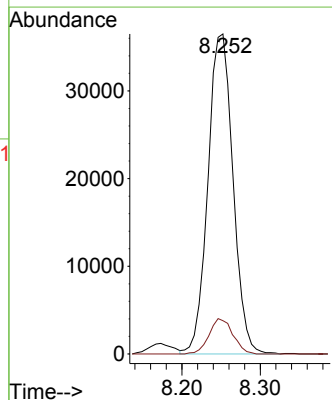
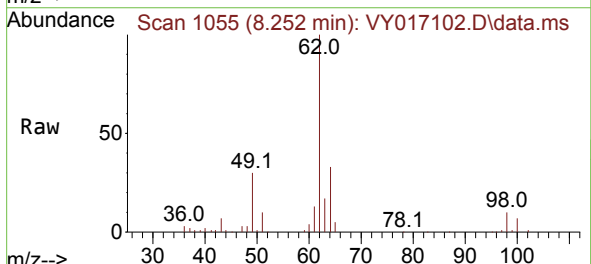
Instrument :
MSVOA_Y
ClientSampleId :

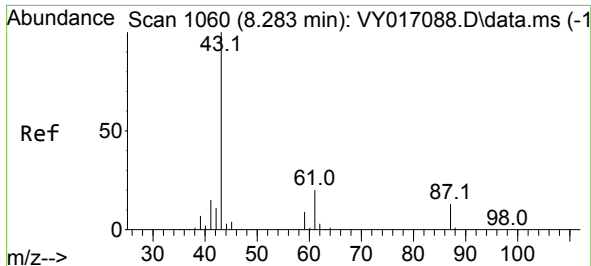
Tgt Ion: 41 Resp: 22283
Ion Ratio Lower Upper
41 100
39 60.4 41.9 62.9
67 87.7 59.8 89.6
52 34.7 24.8 37.2



#42
1,2-Dichloroethane
Concen: 48.258 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 62 Resp: 81175
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.2

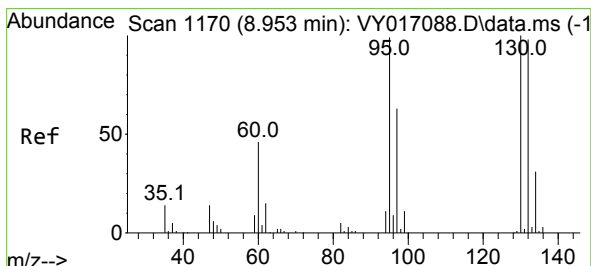
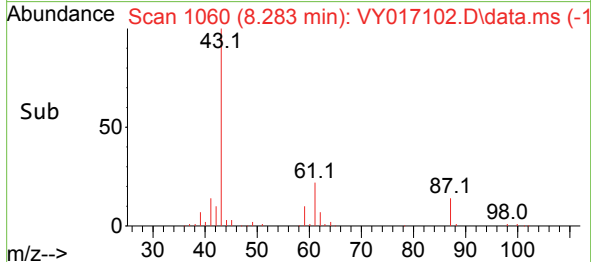
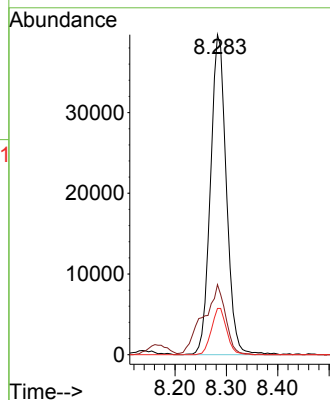
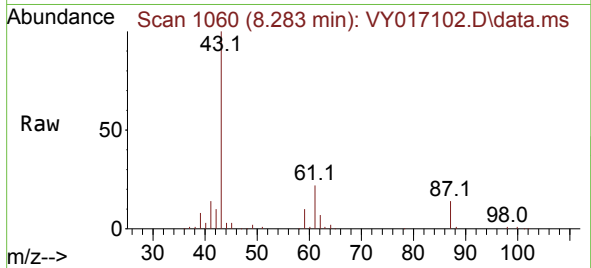




#43
Isopropyl Acetate
Concen: 47.363 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

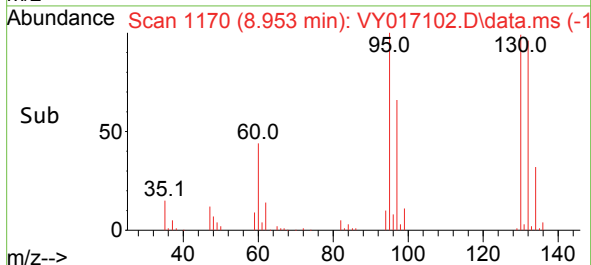
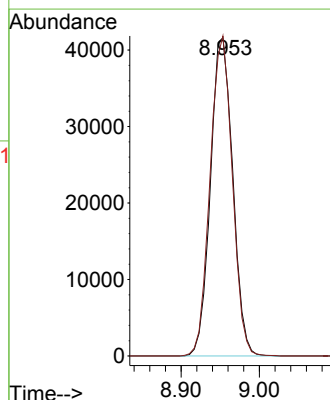
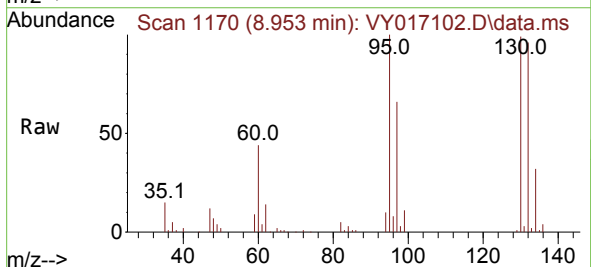
Instrument :
MSVOA_Y
ClientSampleId :

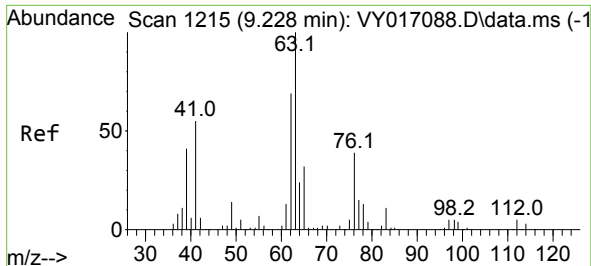
Tgt Ion: 43 Resp: 84938
Ion Ratio Lower Upper
43 100
61 30.8 24.8 37.2
87 13.9 10.7 16.1



#44
Trichloroethene
Concen: 49.480 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion:130 Resp: 82340
Ion Ratio Lower Upper
130 100
95 100.6 0.0 203.8

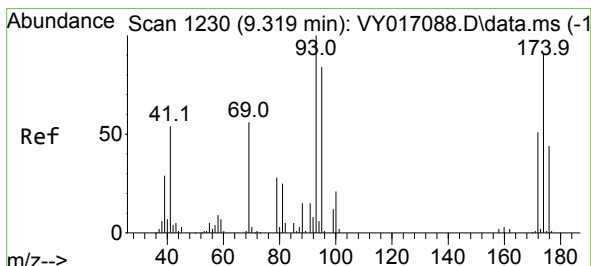
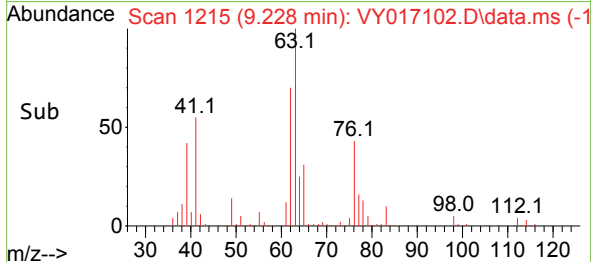
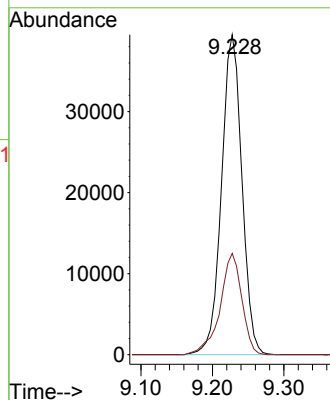
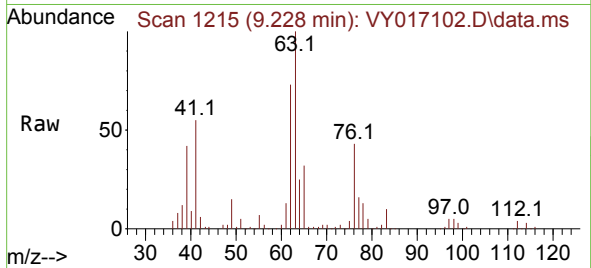




#45
1,2-Dichloropropane
Concen: 49.141 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

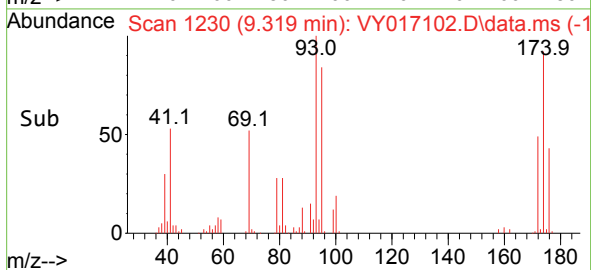
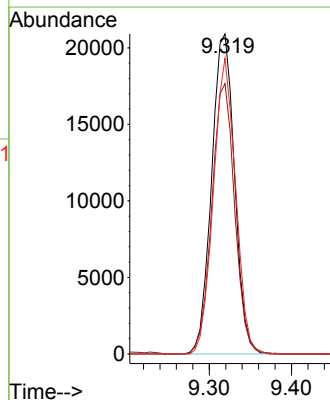
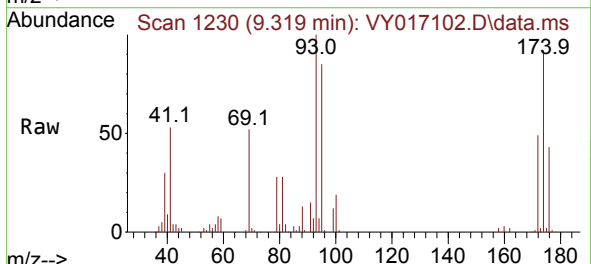
Instrument :
MSVOA_Y
ClientSampleId :

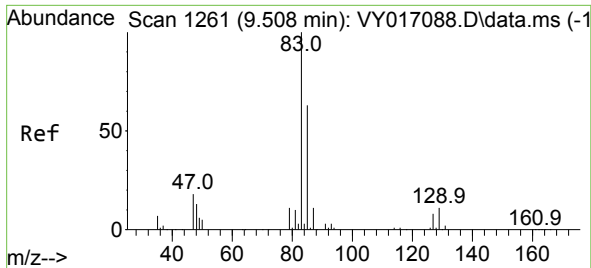
Tgt Ion: 63 Resp: 78256
Ion Ratio Lower Upper
63 100
65 31.7 24.6 36.8



#46
Dibromomethane
Concen: 47.876 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 93 Resp: 40490
Ion Ratio Lower Upper
93 100
95 84.0 66.6 99.8
174 89.5 73.8 110.6

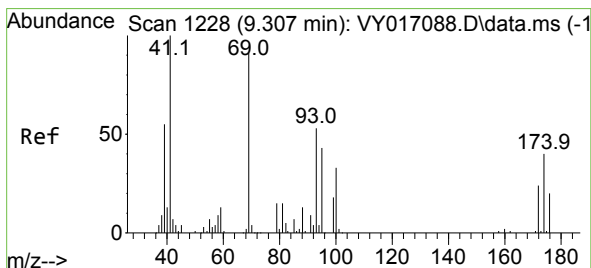
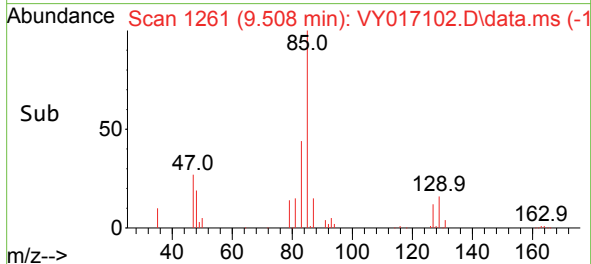
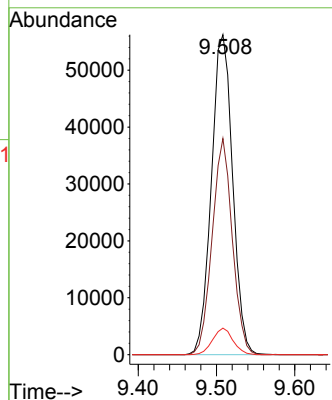
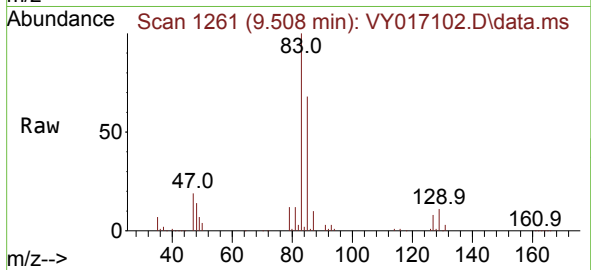




#47
Bromodichloromethane
Concen: 49.189 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

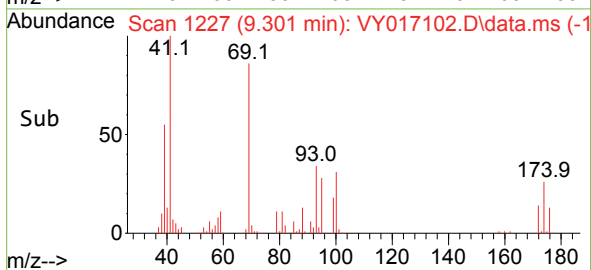
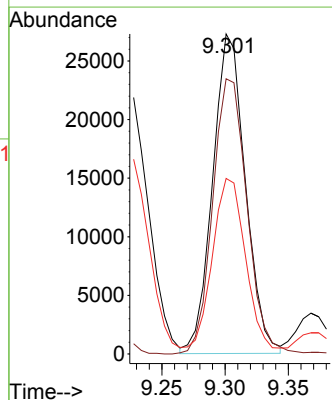
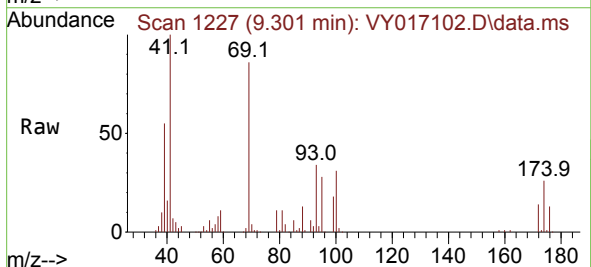
Instrument :
MSVOA_Y
ClientSampleId :

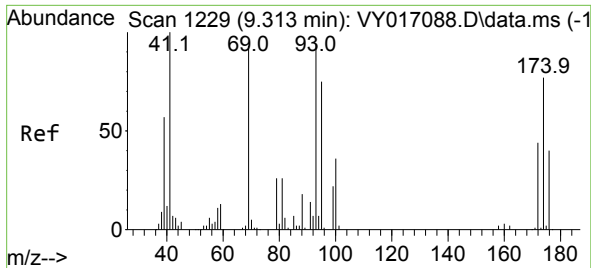
Tgt Ion: 83 Resp: 105836
Ion Ratio Lower Upper
83 100
85 67.6 53.2 79.8
127 8.3 6.4 9.6



#48
Methyl methacrylate
Concen: 49.211 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 41 Resp: 49001
Ion Ratio Lower Upper
41 100
69 90.6 72.1 108.1
39 53.0 42.8 64.2





#49

1,4-Dioxane

Concen: 1066.612 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

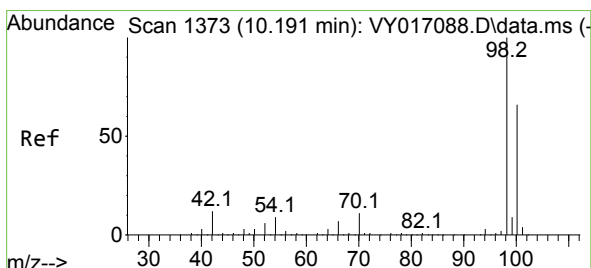
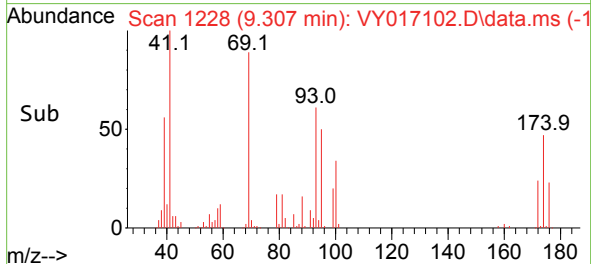
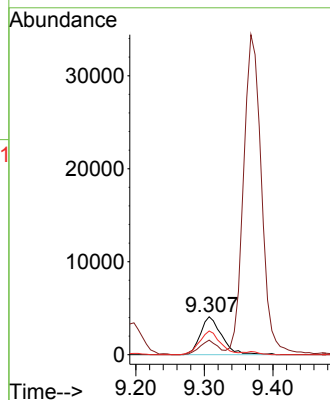
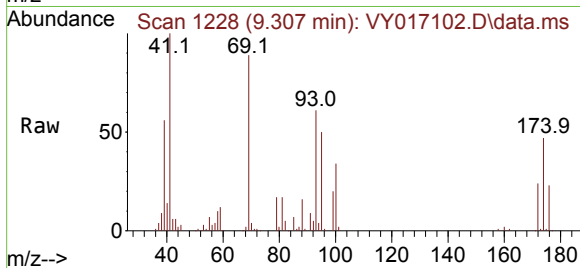
Tgt Ion: 88 Resp: 8872

Ion Ratio Lower Upper

88 100

43 32.7 28.2 42.4

58 60.8 52.2 78.2



#50

Toluene-d8

Concen: 48.395 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY017102.D

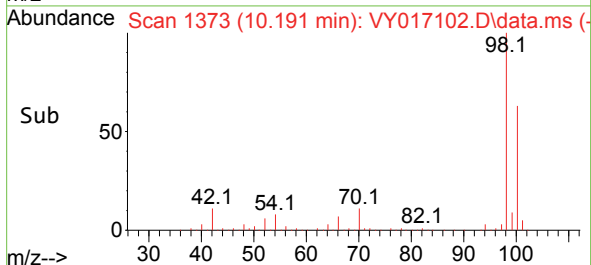
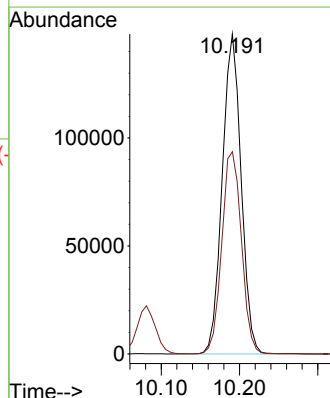
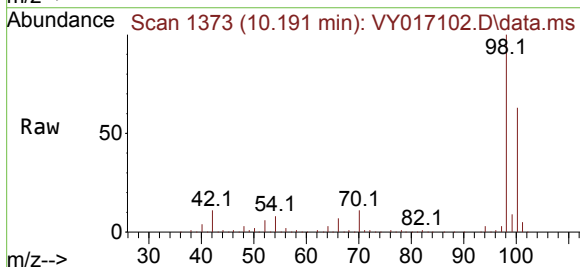
Acq: 25 Jan 2024 11:50

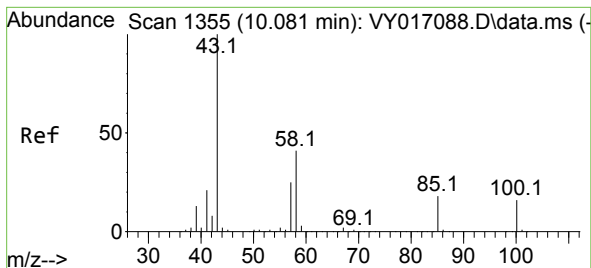
Tgt Ion: 98 Resp: 248203

Ion Ratio Lower Upper

98 100

100 65.6 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 238.820 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

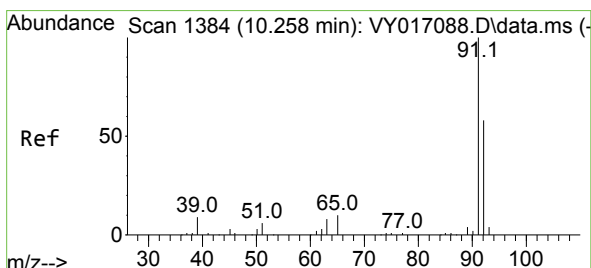
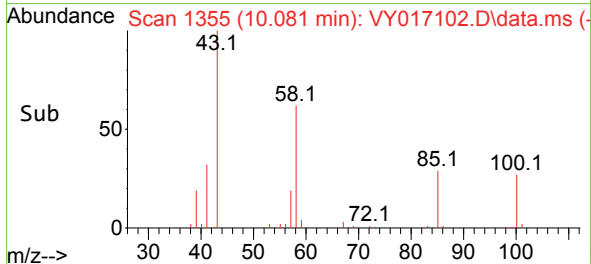
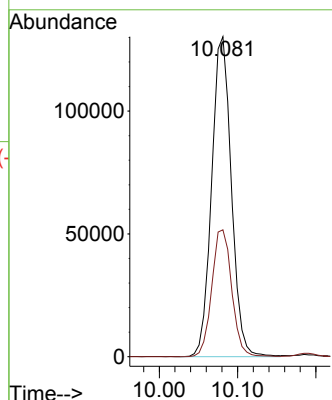
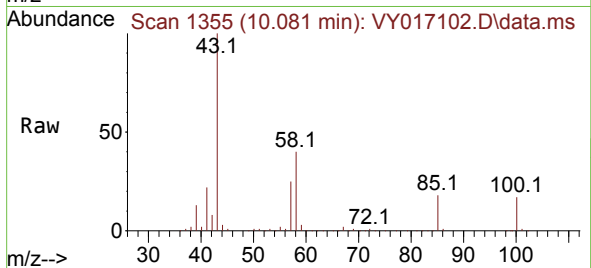
ClientSampleId :

Tgt Ion: 43 Resp: 227828

Ion Ratio Lower Upper

43 100

58 40.2 32.2 48.2



#52

Toluene

Concen: 50.838 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY017102.D

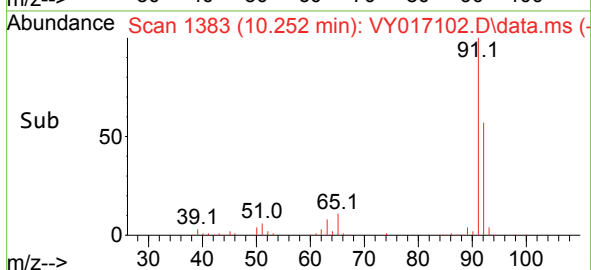
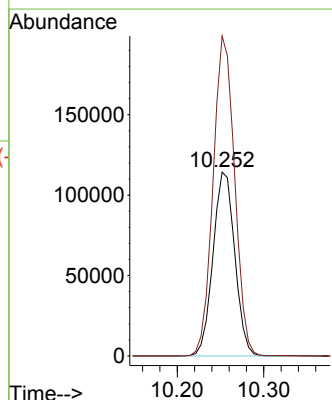
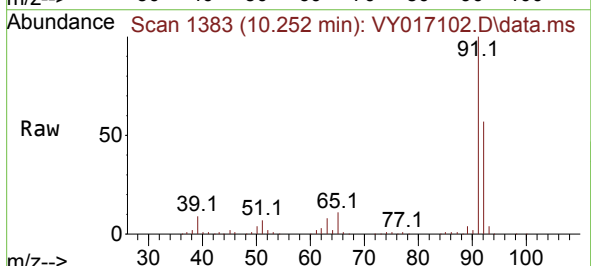
Acq: 25 Jan 2024 11:50

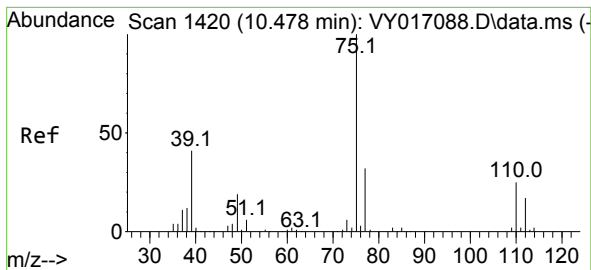
Tgt Ion: 92 Resp: 199644

Ion Ratio Lower Upper

92 100

91 172.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.498 ug/l

RT: 10.477 min Scan# 1420

Delta R.T. 0.006 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

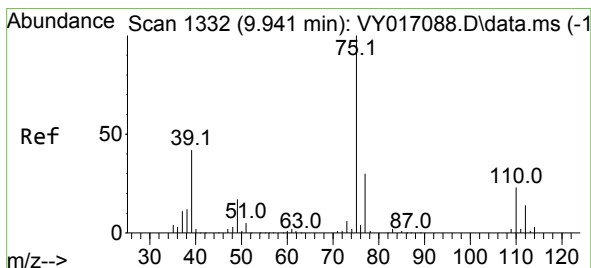
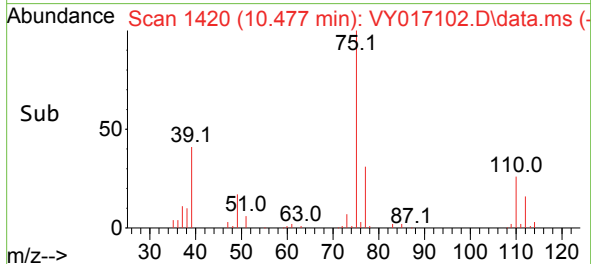
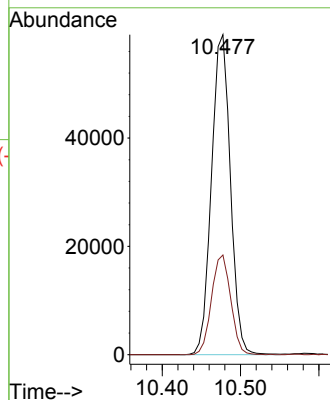
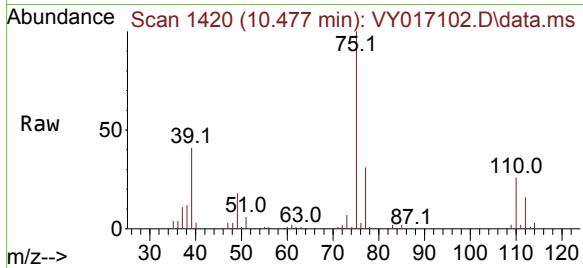
ClientSampleId :

Tgt Ion: 75 Resp: 99255

Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 50.180 ug/l

RT: 9.941 min Scan# 1332

Delta R.T. -0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

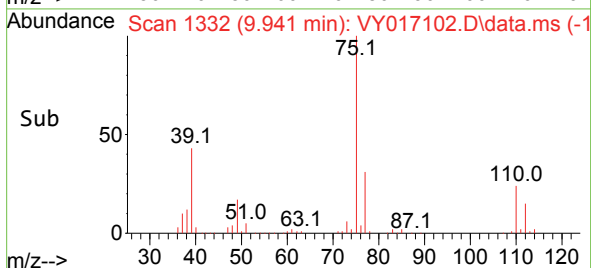
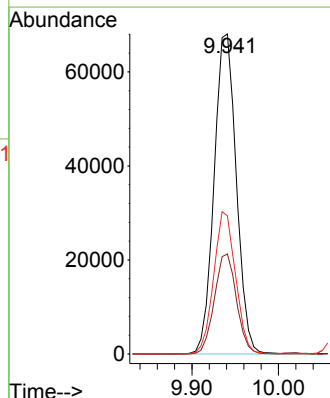
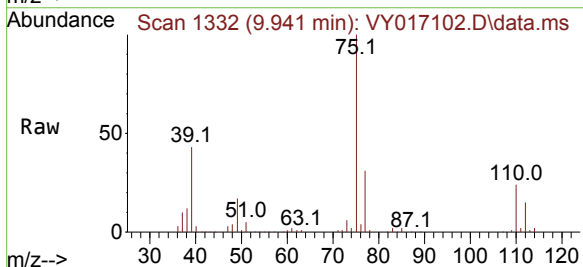
Tgt Ion: 75 Resp: 121306

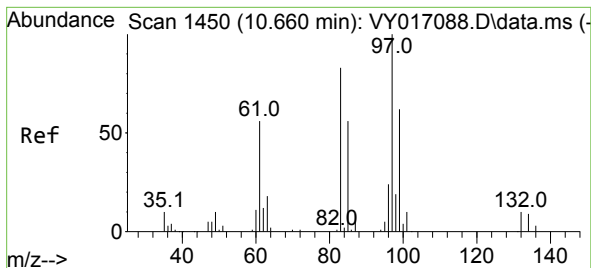
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 43.2 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 47.525 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 56176

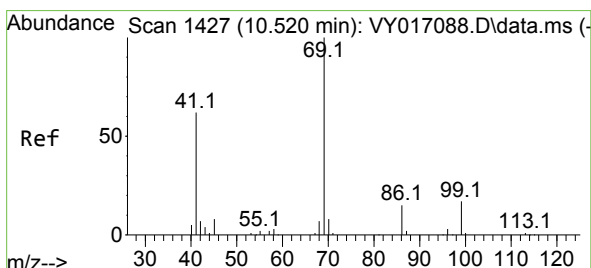
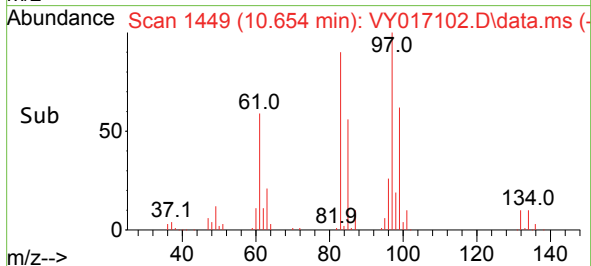
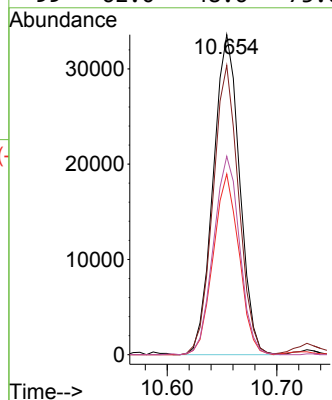
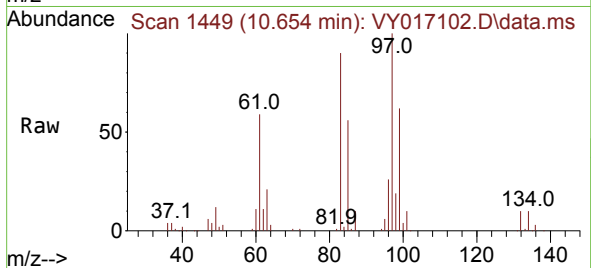
Ion Ratio Lower Upper

97 100

83 90.4 69.4 104.2

85 56.4 43.9 65.9

99 62.0 48.6 73.0



#56

Ethyl methacrylate

Concen: 51.334 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

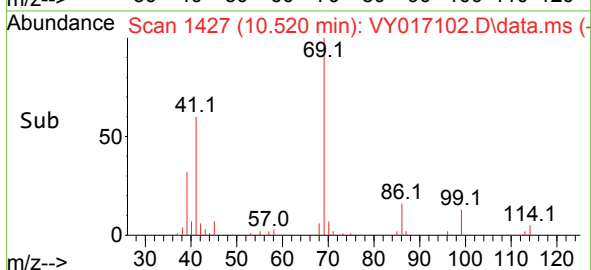
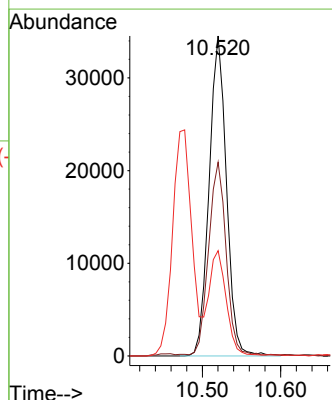
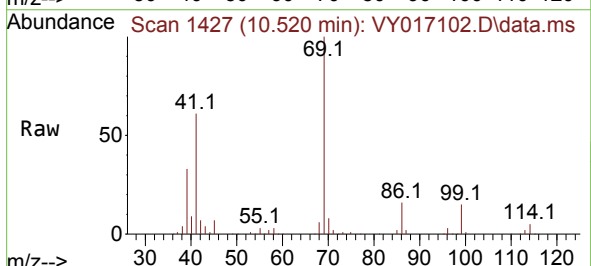
Tgt Ion: 69 Resp: 53062

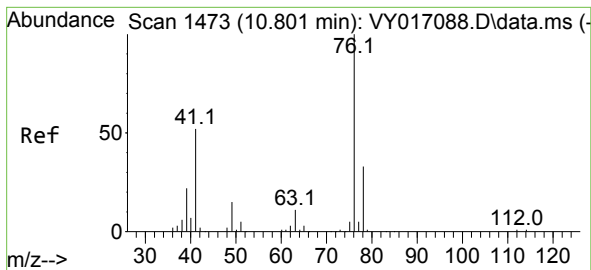
Ion Ratio Lower Upper

69 100

41 60.6 49.2 73.8

39 31.4 26.8 40.2





#57

1,3-Dichloropropane

Concen: 48.624 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.001 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

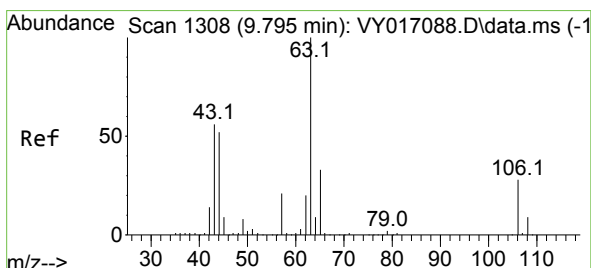
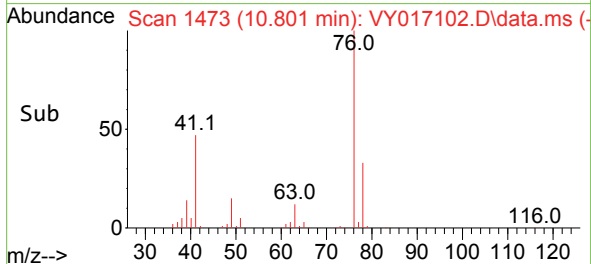
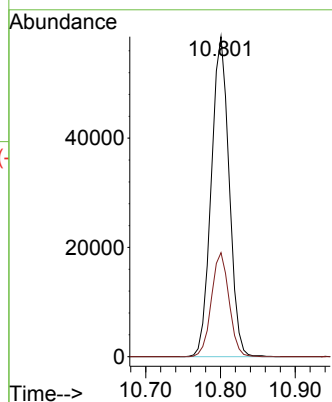
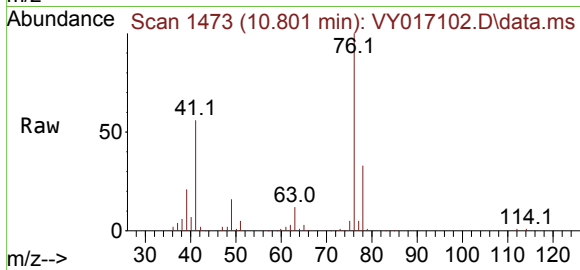
ClientSampleId :

Tgt Ion: 76 Resp: 97173

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 274.616 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY017102.D

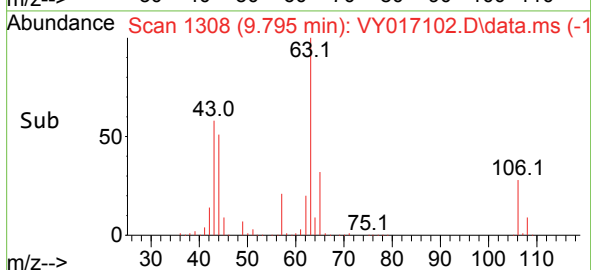
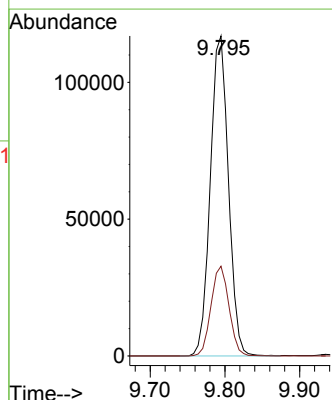
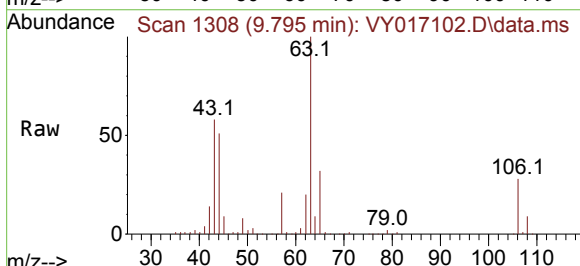
Acq: 25 Jan 2024 11:50

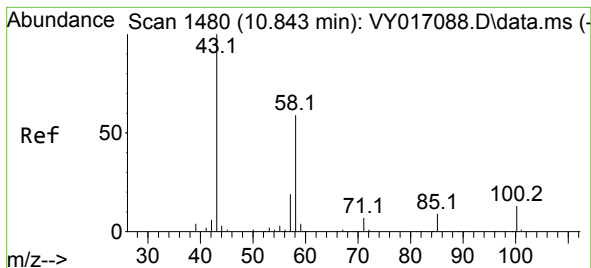
Tgt Ion: 63 Resp: 197041

Ion Ratio Lower Upper

63 100

106 27.7 22.4 33.6





#59

2-Hexanone

Concen: 220.296 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

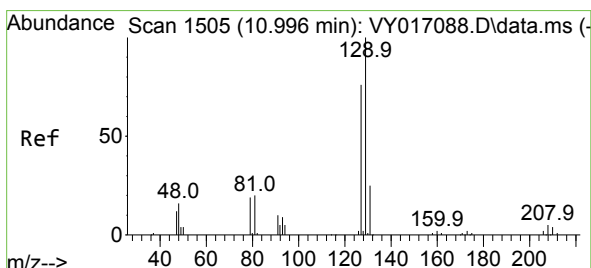
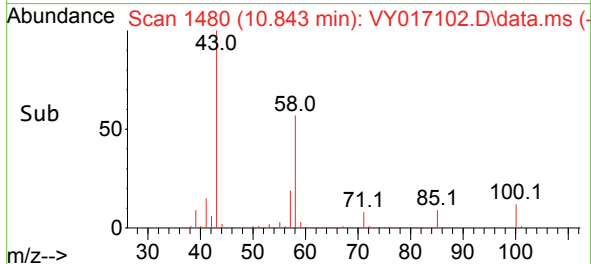
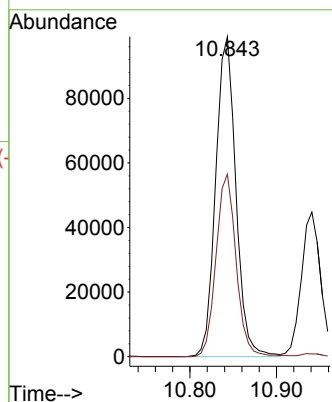
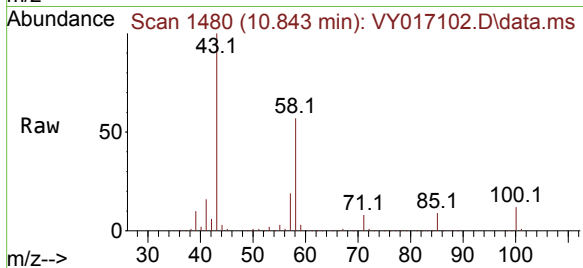
ClientSampleId :

Tgt Ion: 43 Resp: 160331

Ion Ratio Lower Upper

43 100

58 56.9 28.1 84.3



#60

Dibromochloromethane

Concen: 49.150 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. -0.000 min

Lab File: VY017102.D

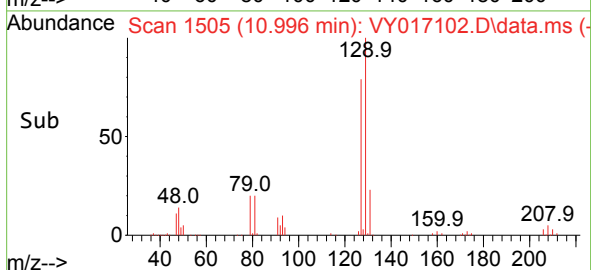
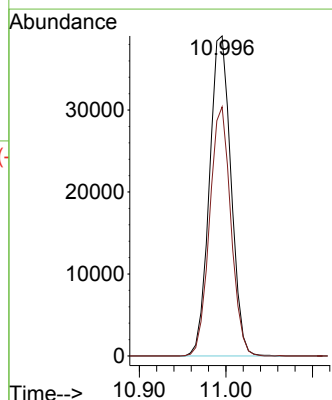
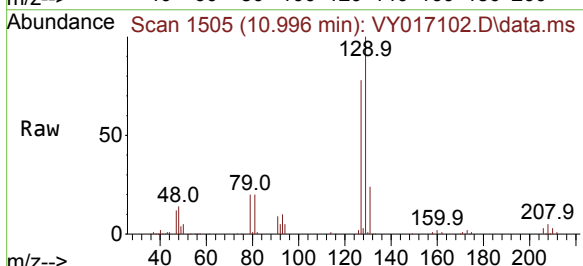
Acq: 25 Jan 2024 11:50

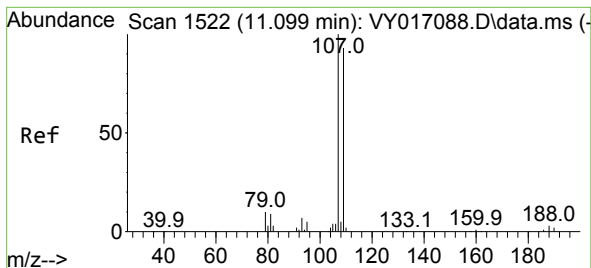
Tgt Ion:129 Resp: 67497

Ion Ratio Lower Upper

129 100

127 76.6 39.2 117.6

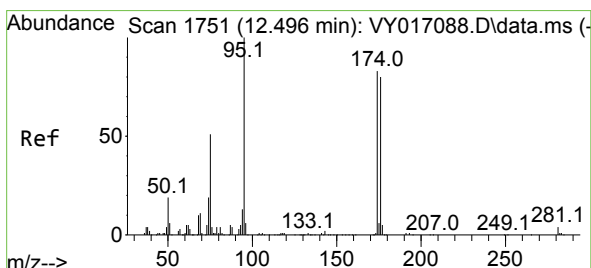
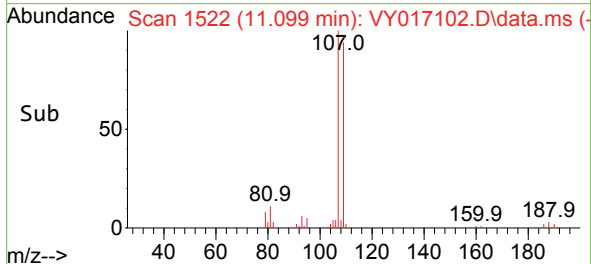
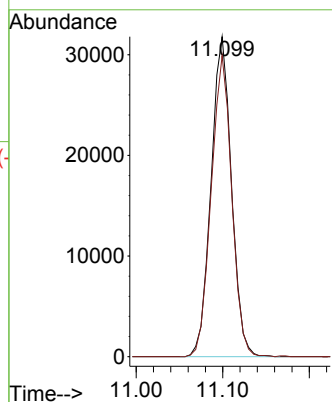
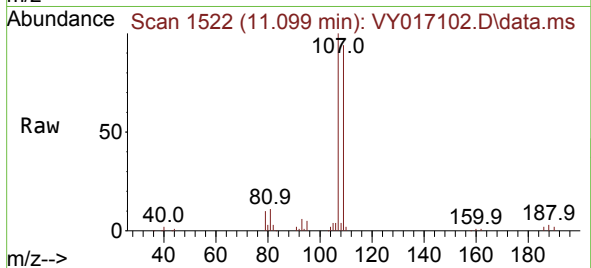




#61
1,2-Dibromoethane
Concen: 48.509 ug/l
RT: 11.099 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

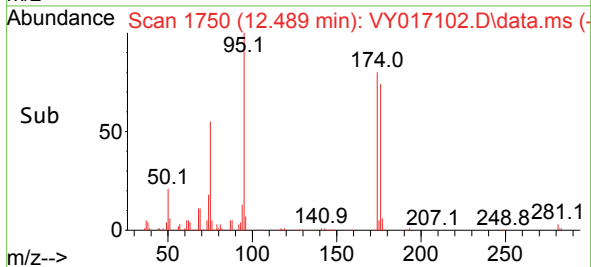
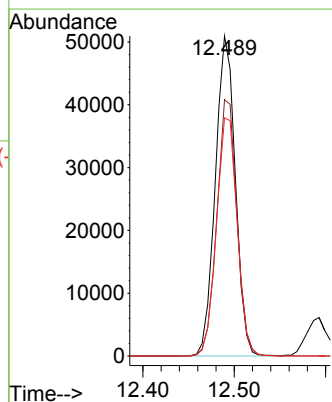
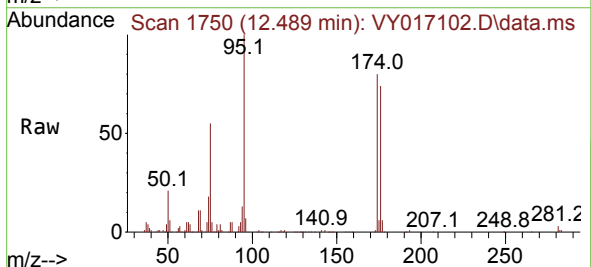
Instrument :
MSVOA_Y
ClientSampleId :

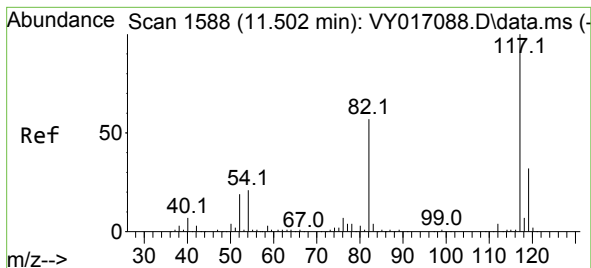
Tgt Ion:107 Resp: 52089
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 48.996 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 95 Resp: 77410
Ion Ratio Lower Upper
95 100
174 80.8 0.0 160.0
176 76.9 0.0 151.8

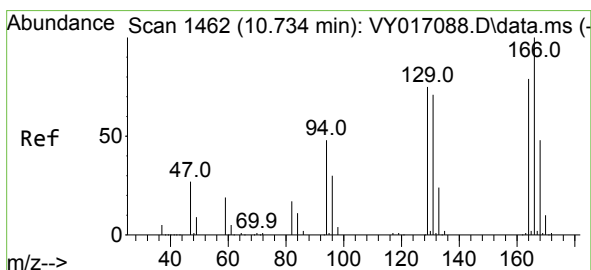
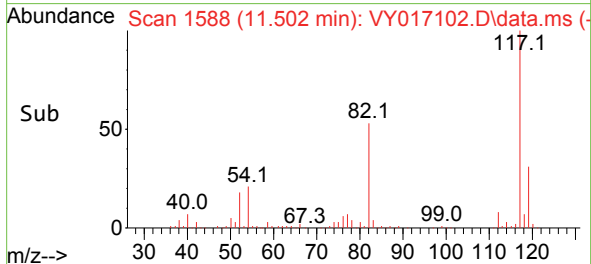
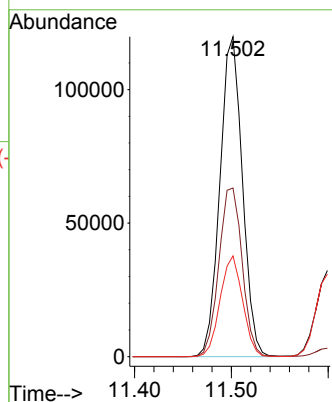
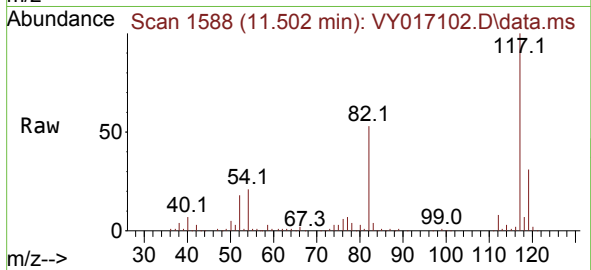




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

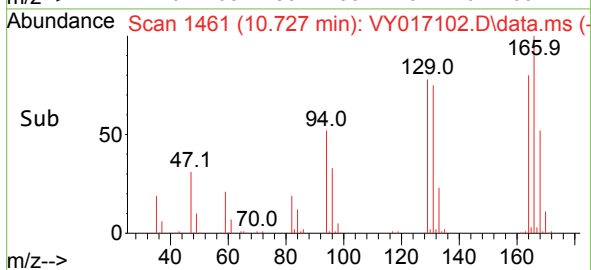
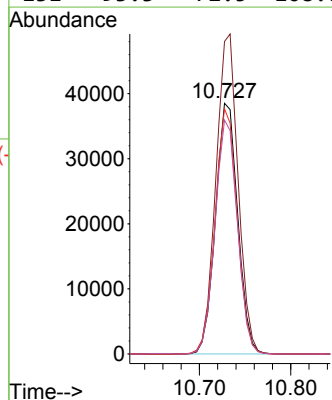
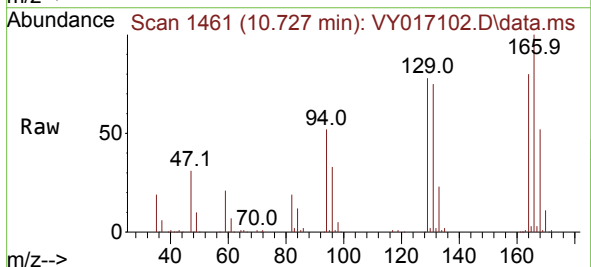
Instrument :
MSVOA_Y
ClientSampleId :

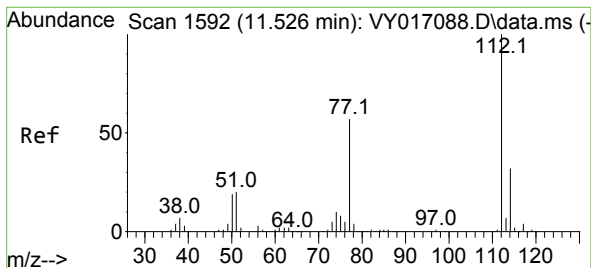
Tgt Ion:117 Resp: 193329
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.8
119 31.5 26.5 39.7



#64
Tetrachloroethene
Concen: 48.372 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion:164 Resp: 65183
Ion Ratio Lower Upper
164 100
166 124.7 98.8 148.2
129 97.8 78.9 118.3
131 93.3 72.5 108.7





#65

Chlorobenzene

Concen: 49.812 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

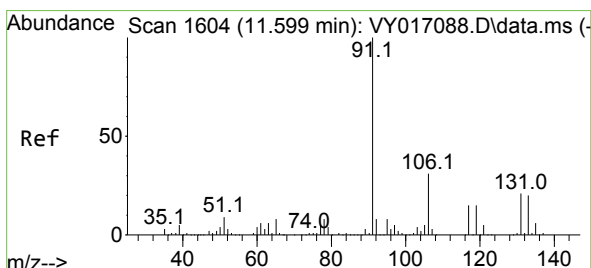
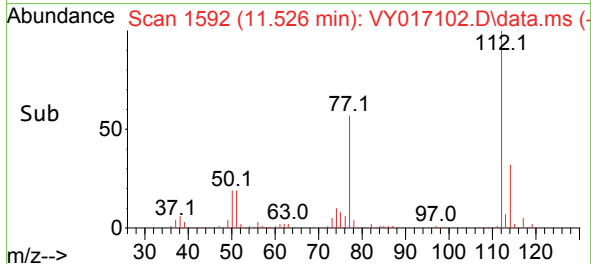
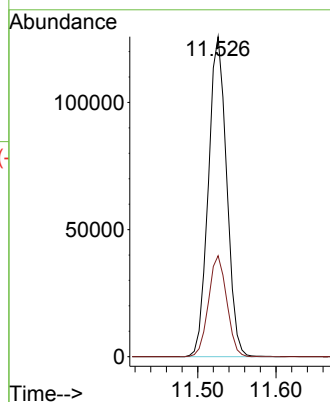
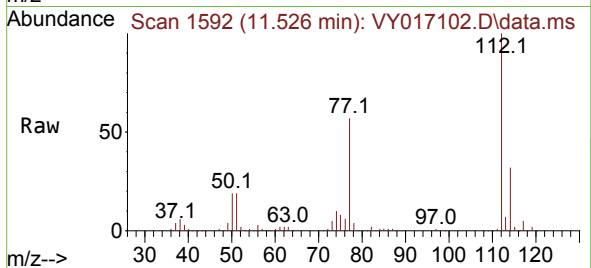
ClientSampleId :

Tgt Ion:112 Resp: 204074

Ion Ratio Lower Upper

112 100

114 31.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.177 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

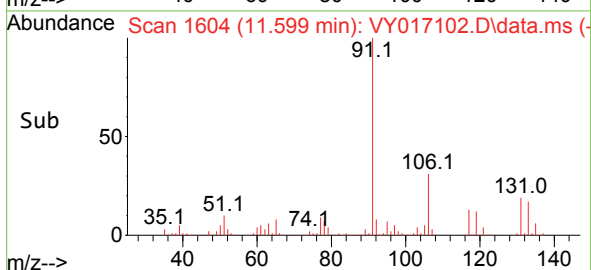
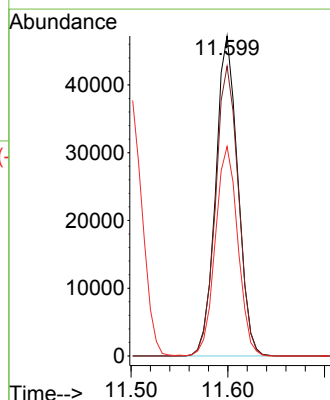
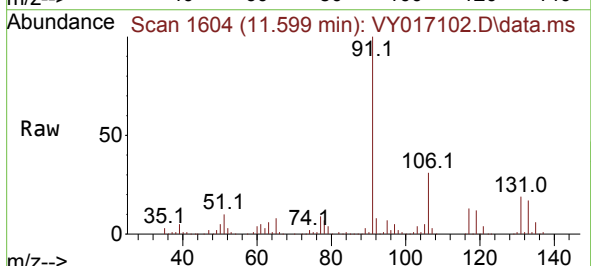
Tgt Ion:131 Resp: 75088

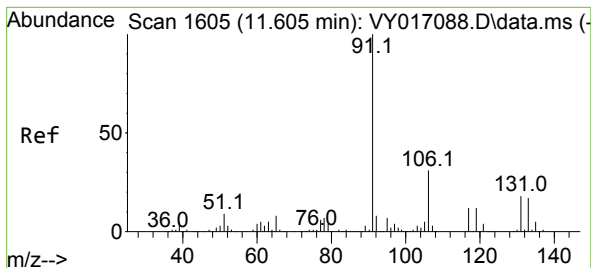
Ion Ratio Lower Upper

131 100

133 93.6 47.0 141.0

119 66.4 33.3 99.9





#67

Ethyl Benzene

Concen: 51.276 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

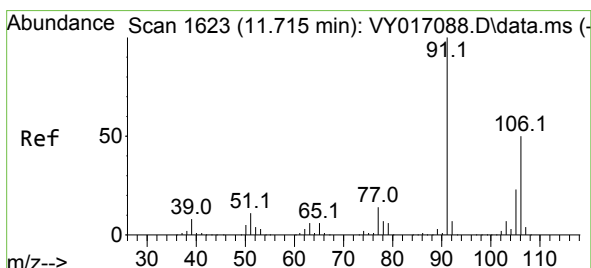
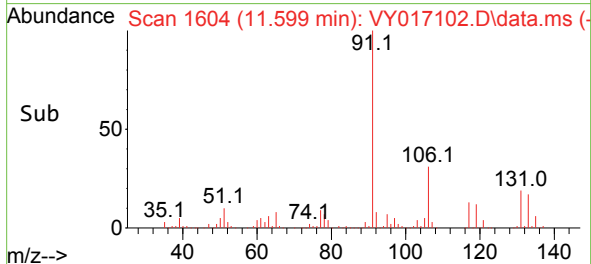
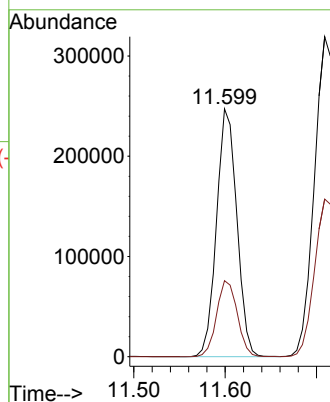
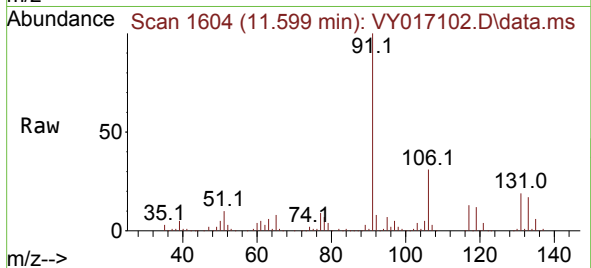
ClientSampleId :

Tgt Ion: 91 Resp: 381892

Ion Ratio Lower Upper

91 100

106 30.7 25.0 37.4



#68

m/p-Xylenes

Concen: 103.288 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY017102.D

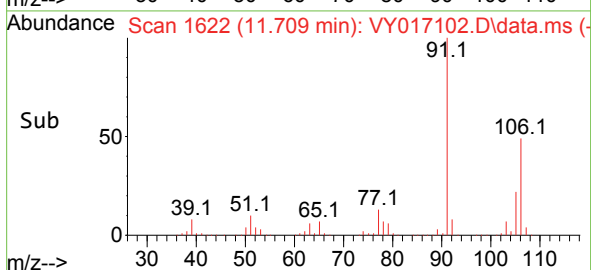
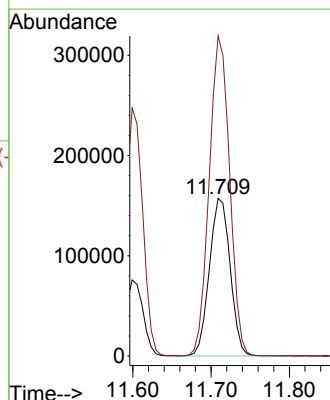
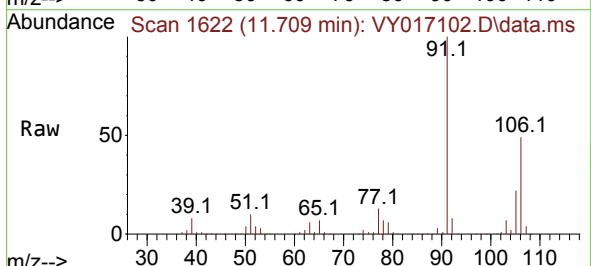
Acq: 25 Jan 2024 11:50

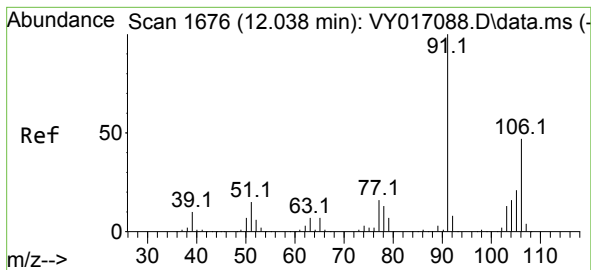
Tgt Ion:106 Resp: 289027

Ion Ratio Lower Upper

106 100

91 199.9 160.7 241.1





#69

o-Xylene

Concen: 51.850 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

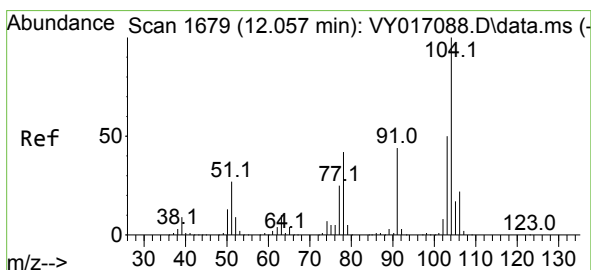
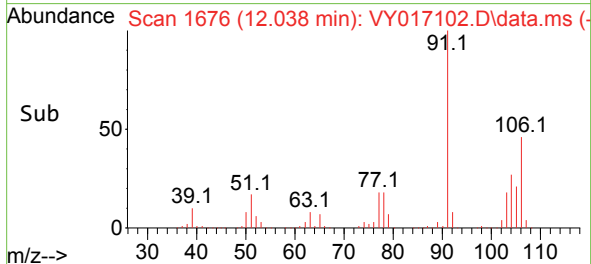
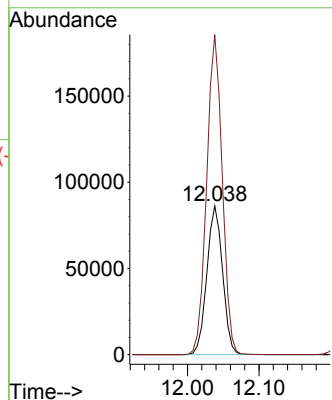
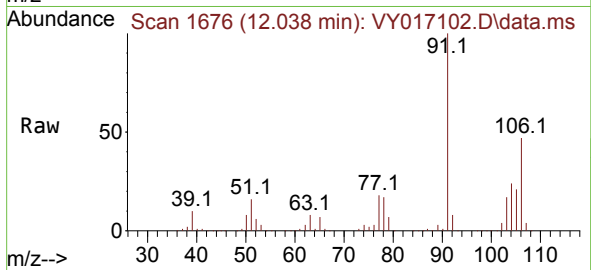
ClientSampleId :

Tgt Ion:106 Resp: 131794

Ion Ratio Lower Upper

106 100

91 213.4 106.5 319.5



#70

Styrene

Concen: 52.468 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

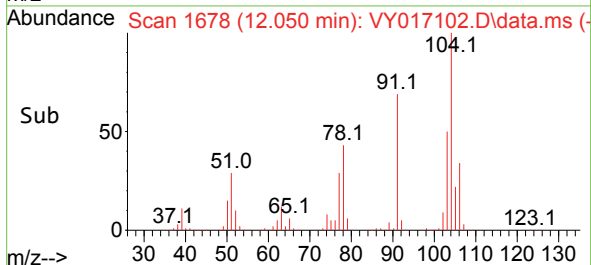
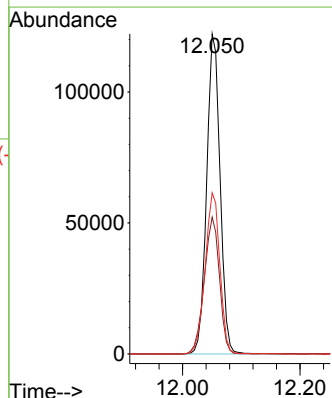
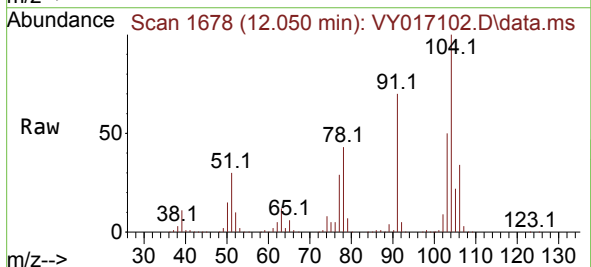
Tgt Ion:104 Resp: 193612

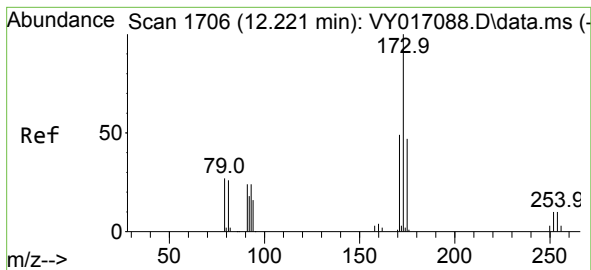
Ion Ratio Lower Upper

104 100

78 48.3 39.2 58.8

103 55.3 43.8 65.6





#71

Bromoform

Concen: 48.779 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY017102.D

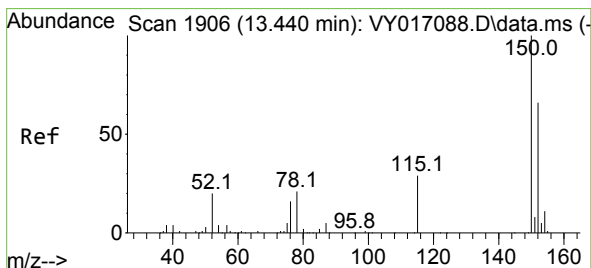
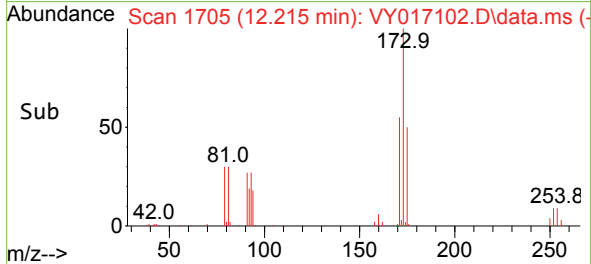
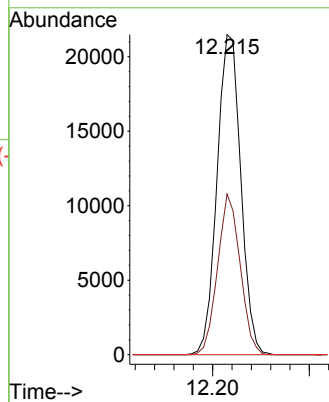
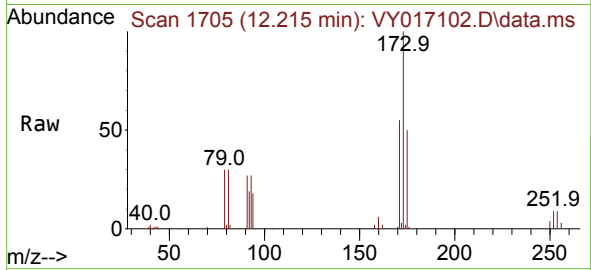
Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	36603
Ion Ratio	Lower	Upper	
173	100		
175	47.7	23.5	70.6
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

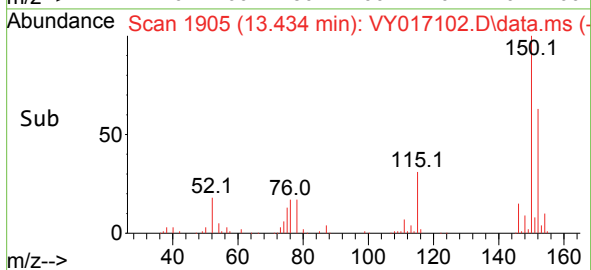
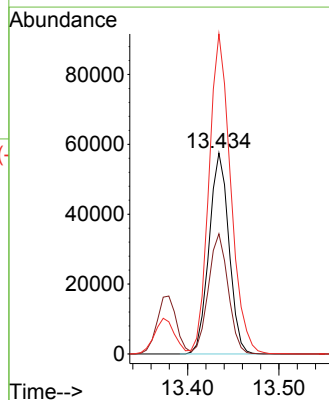
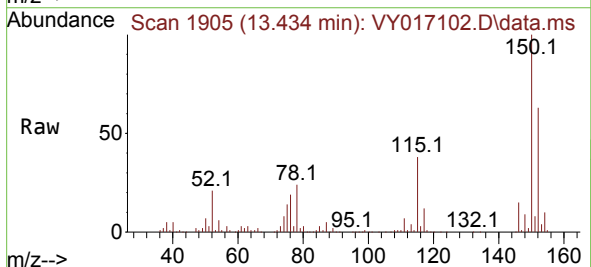
RT: 13.434 min Scan# 1905

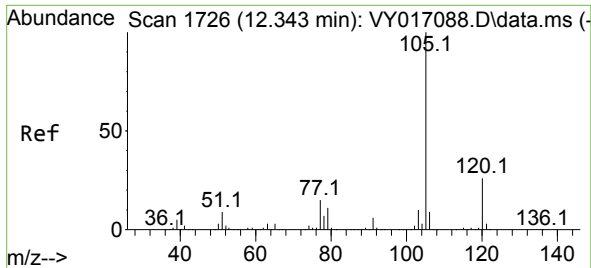
Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Tgt Ion:	152	Resp:	86536
Ion Ratio	Lower	Upper	
152	100		
115	59.6	30.0	90.0
150	174.5	0.0	344.6

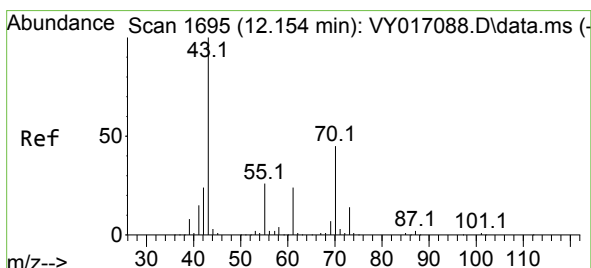
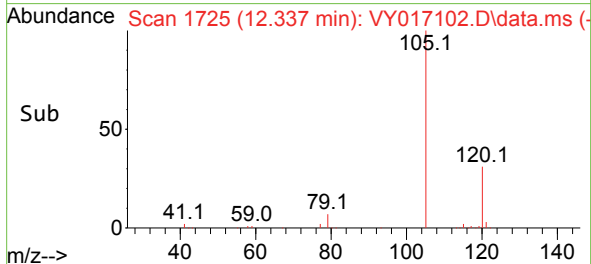
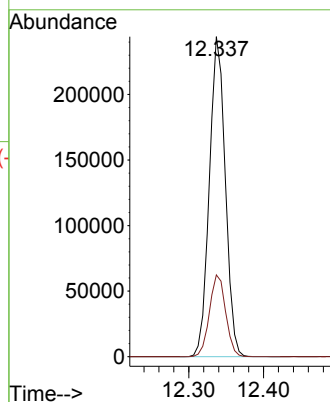
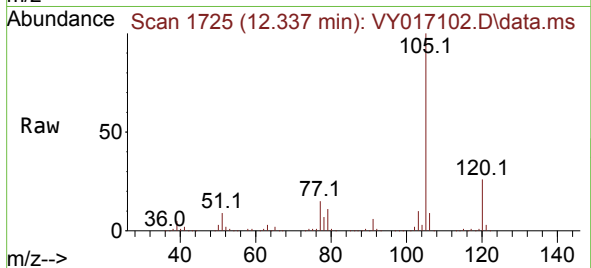




#73
Isopropylbenzene
Concen: 50.909 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

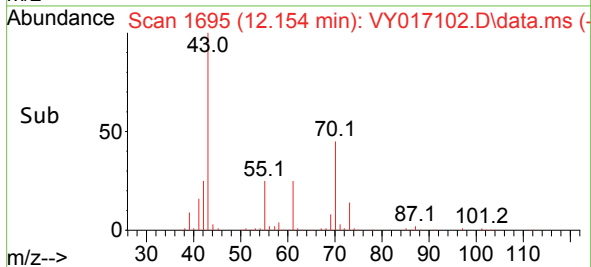
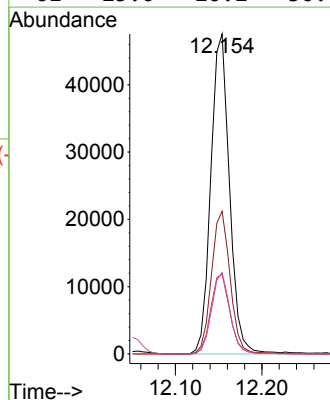
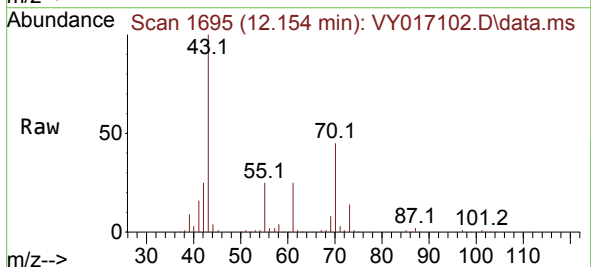
Instrument :
MSVOA_Y
ClientSampleId :

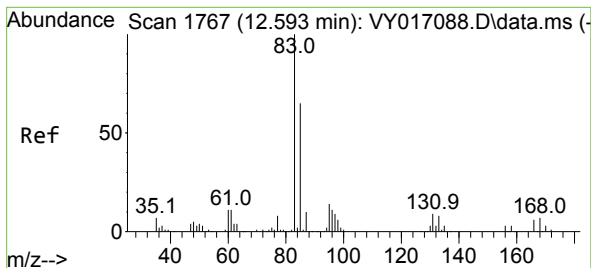
Tgt Ion:105 Resp: 362162
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0



#74
N-ethyl acetate
Concen: 49.644 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 43 Resp: 71186
Ion Ratio Lower Upper
43 100
70 44.8 36.6 55.0
55 25.8 22.2 33.4
61 25.0 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.038 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

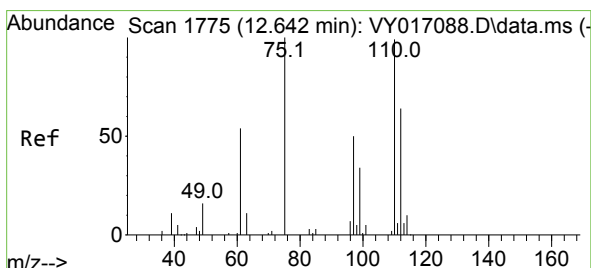
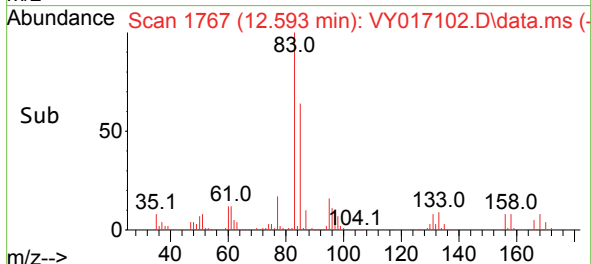
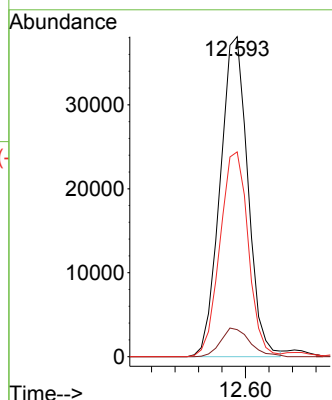
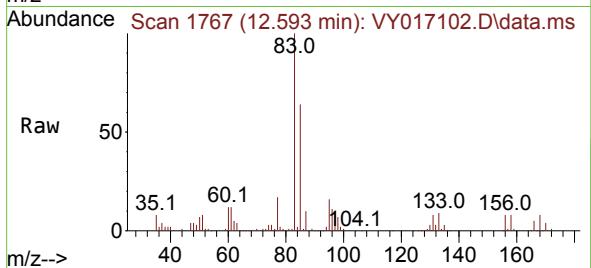
Tgt Ion: 83 Resp: 62452

Ion Ratio Lower Upper

83 100

131 9.4 4.9 14.6

85 65.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 73.441 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY017102.D

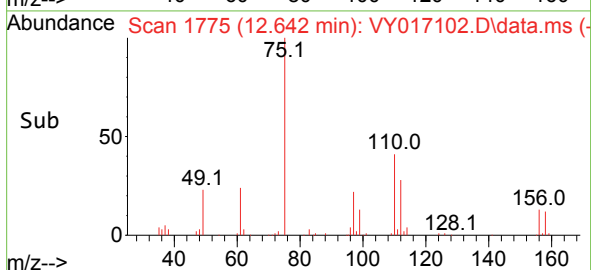
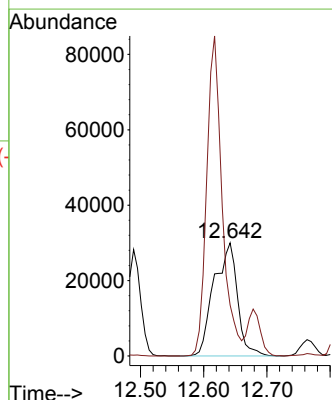
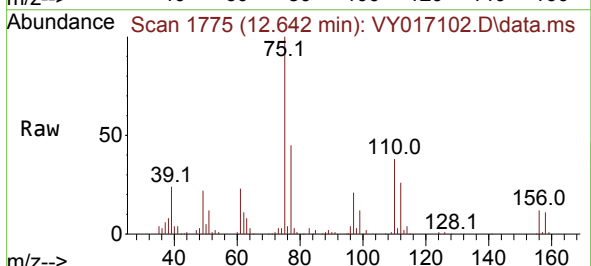
Acq: 25 Jan 2024 11:50

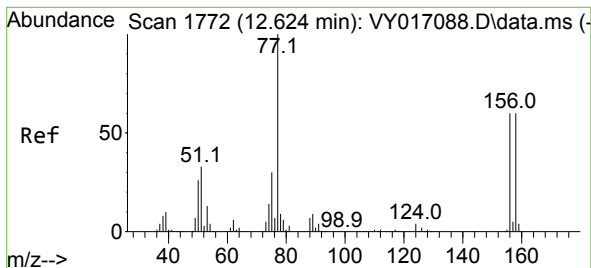
Tgt Ion: 75 Resp: 77141

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.924 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

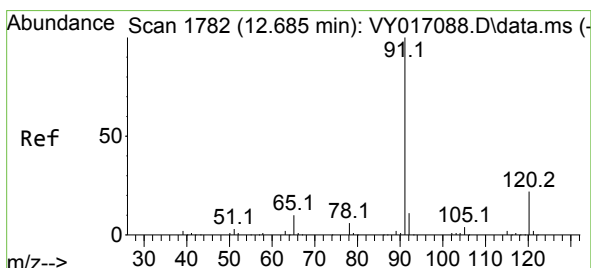
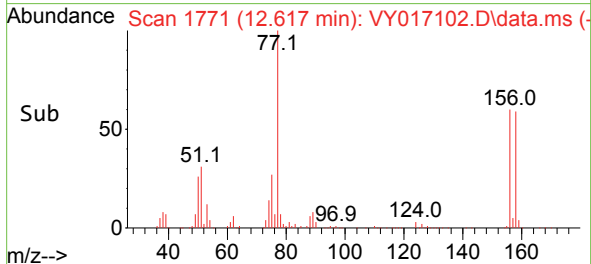
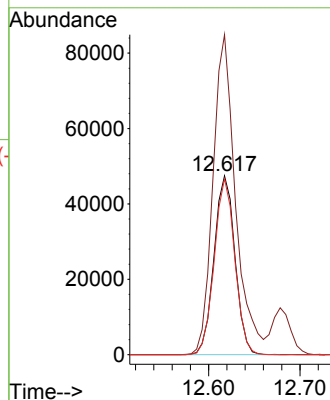
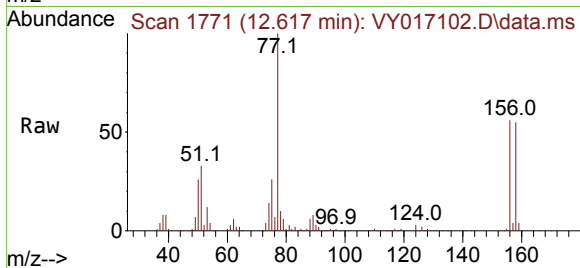
Tgt Ion:156 Resp: 75309

Ion Ratio Lower Upper

156 100

77 192.9 97.3 291.8

158 96.8 48.4 145.0



#78

n-propylbenzene

Concen: 51.333 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017102.D

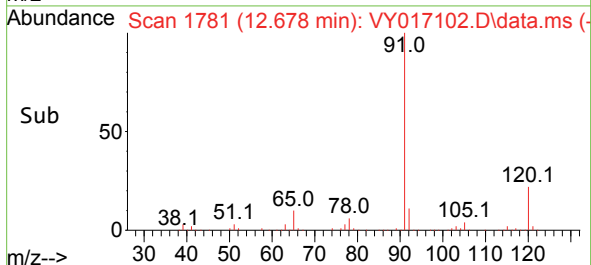
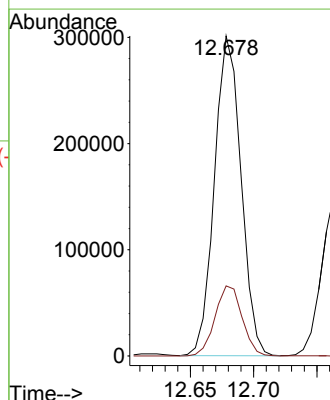
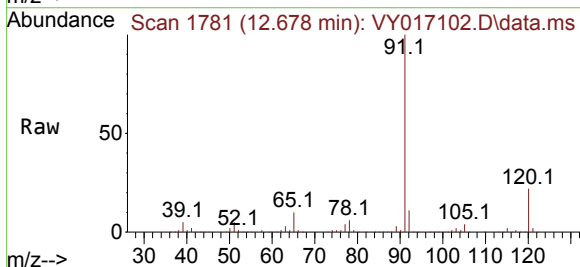
Acq: 25 Jan 2024 11:50

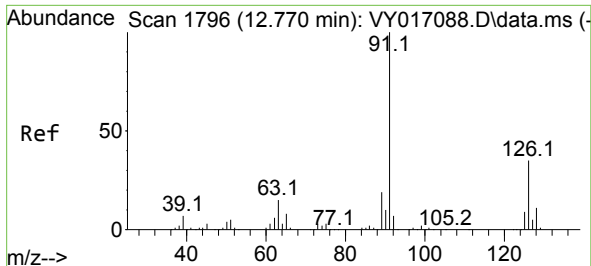
Tgt Ion: 91 Resp: 439231

Ion Ratio Lower Upper

91 100

120 22.3 11.0 33.0

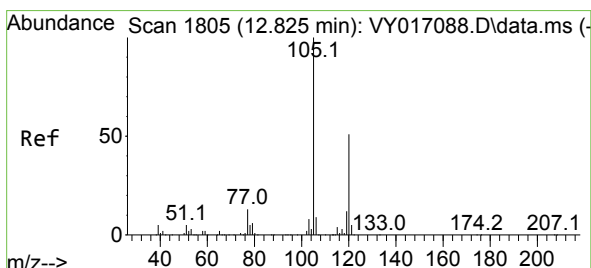
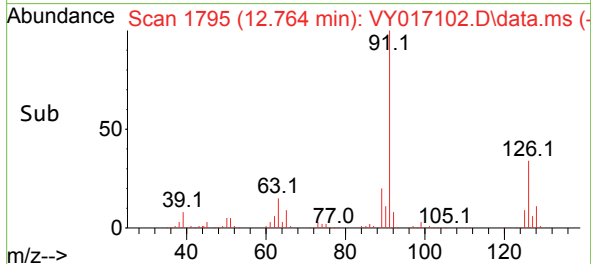
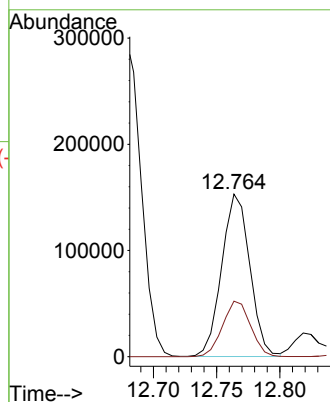
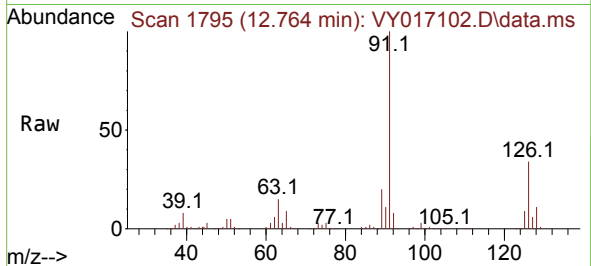




#79
2-Chlorotoluene
Concen: 50.420 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

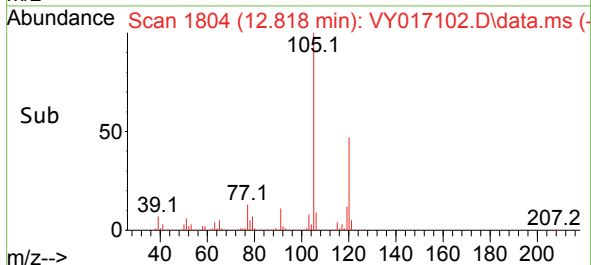
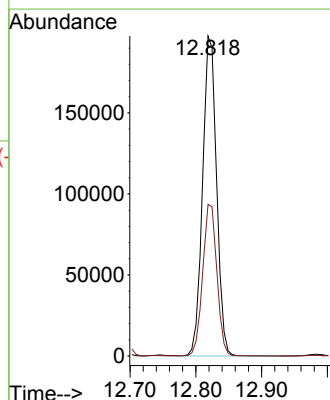
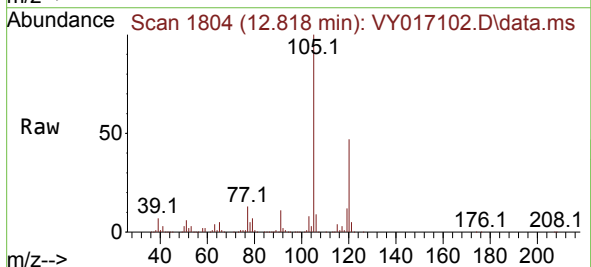
Instrument :
MSVOA_Y
ClientSampleId :

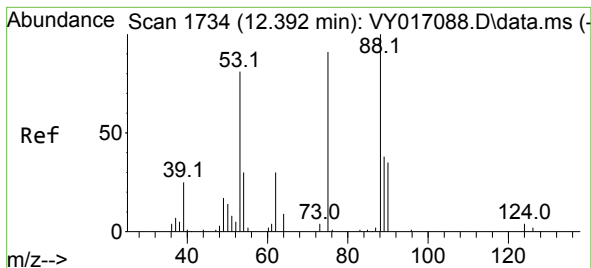
Tgt Ion: 91 Resp: 236742
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 51.868 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion:105 Resp: 292027
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.8

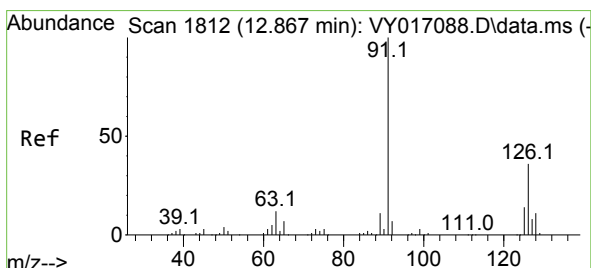
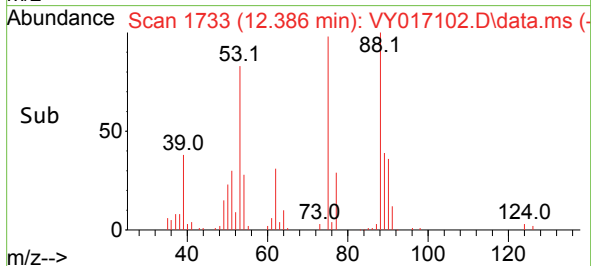
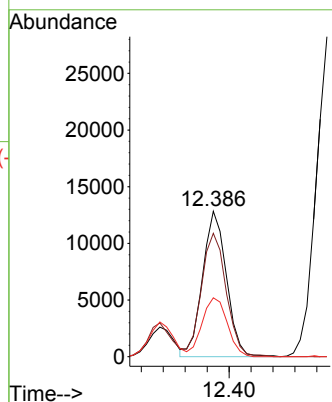
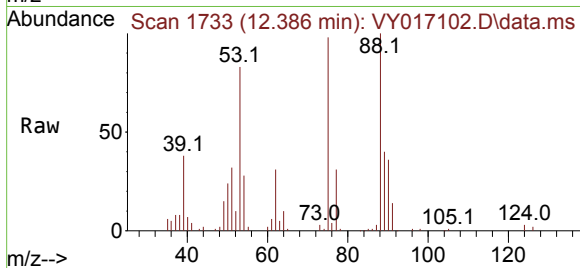




#81
trans-1,4-Dichloro-2-butene
Concen: 47.993 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.001 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

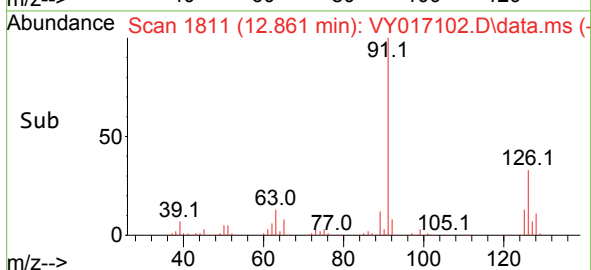
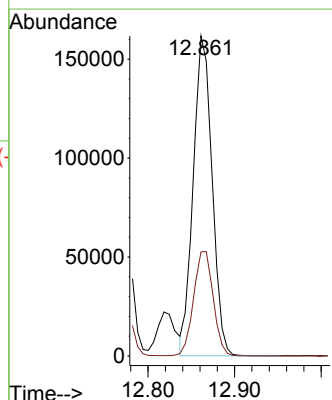
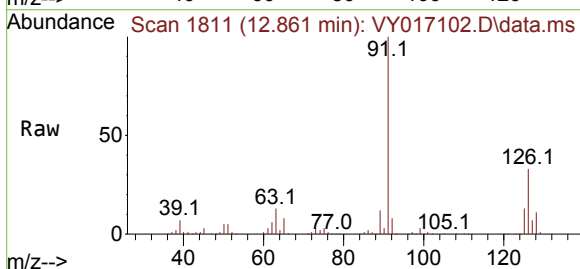
Instrument :
MSVOA_Y
ClientSampleId :

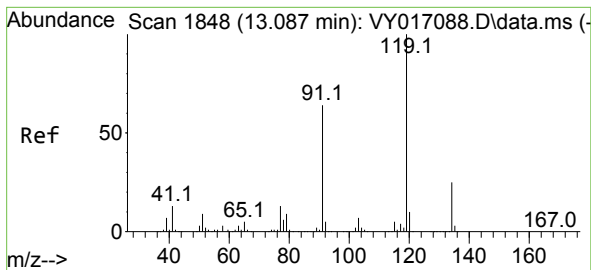
Tgt Ion: 75 Resp: 19472
Ion Ratio Lower Upper
75 100
53 87.1 74.0 111.0
89 42.5 36.5 54.7



#82
4-Chlorotoluene
Concen: 50.183 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 91 Resp: 244208
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 51.222 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.006 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

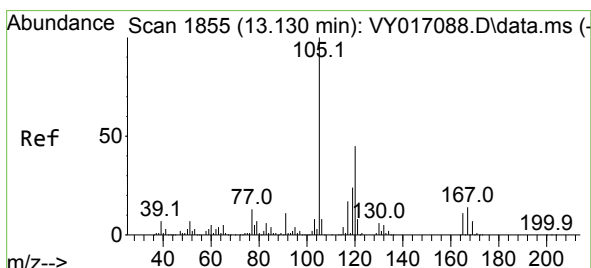
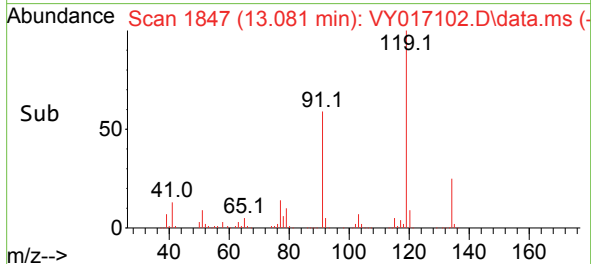
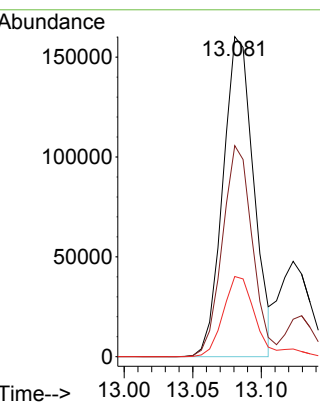
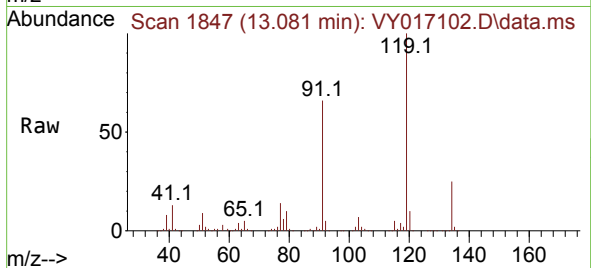
Tgt Ion:119 Resp: 249448

Ion Ratio Lower Upper

119 100

91 64.8 31.5 94.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 51.403 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017102.D

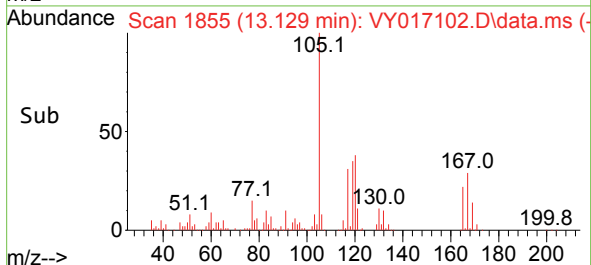
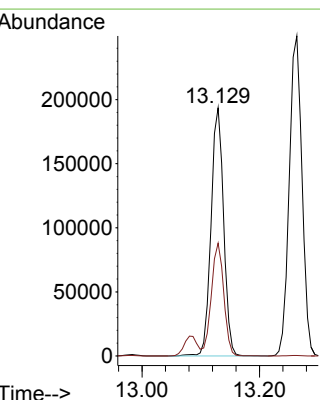
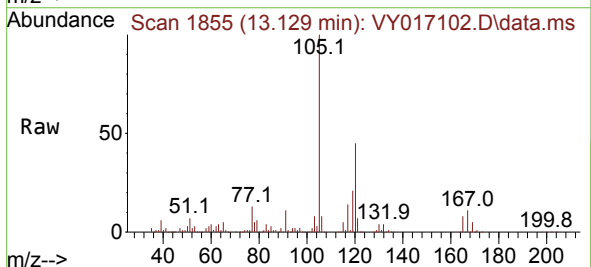
Acq: 25 Jan 2024 11:50

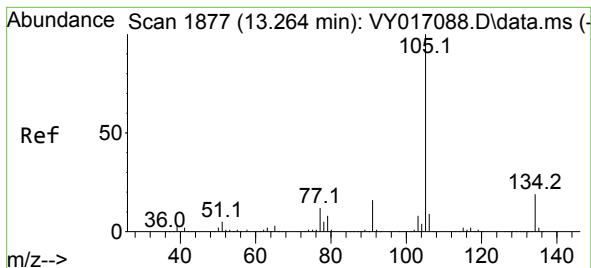
Tgt Ion:105 Resp: 287644

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 52.043 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.001 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

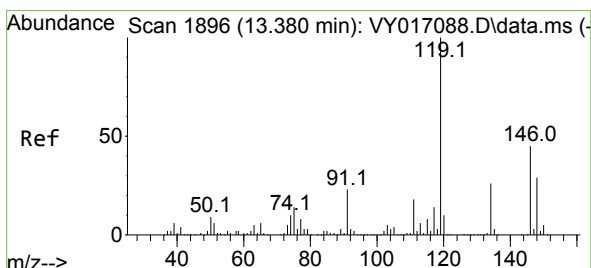
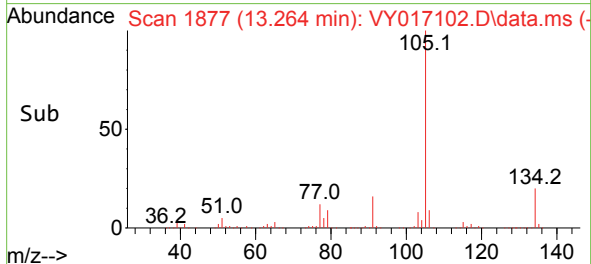
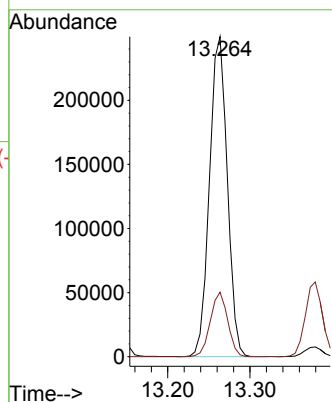
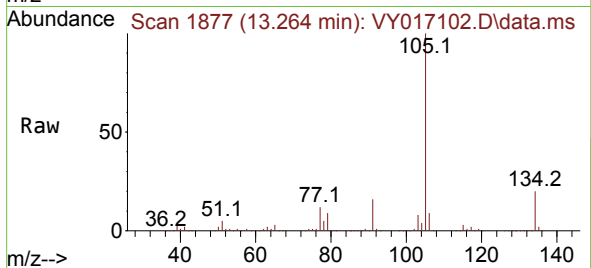
ClientSampleId :

Tgt Ion:105 Resp: 375287

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 53.258 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

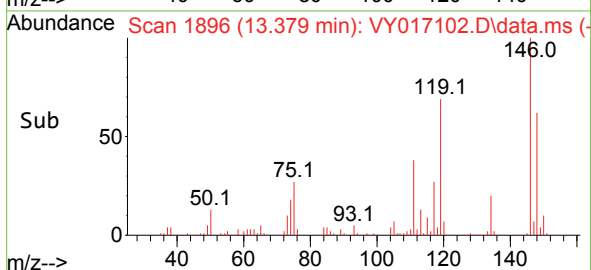
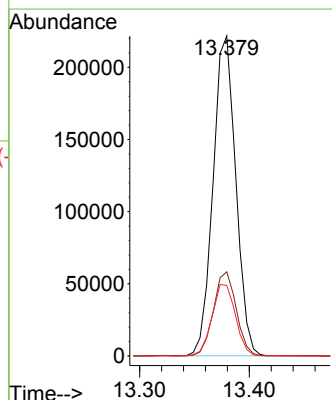
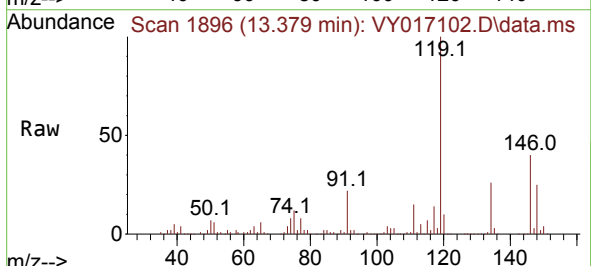
Tgt Ion:119 Resp: 319906

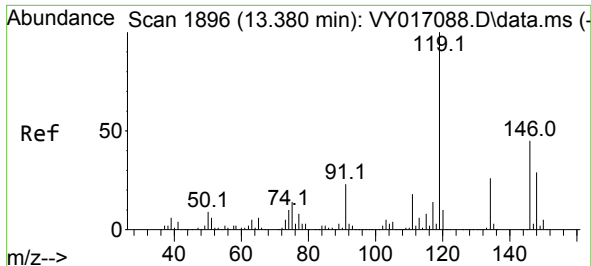
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 49.315 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

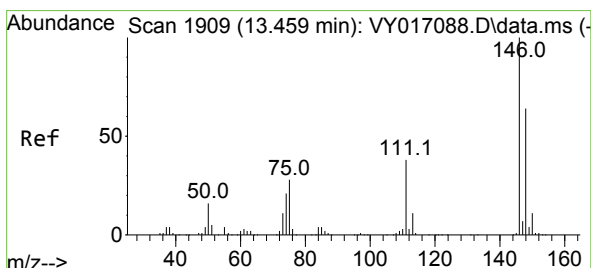
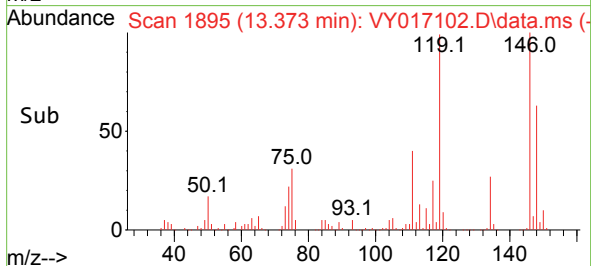
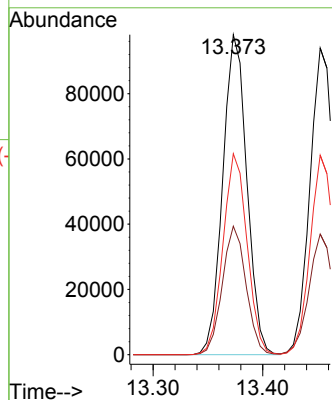
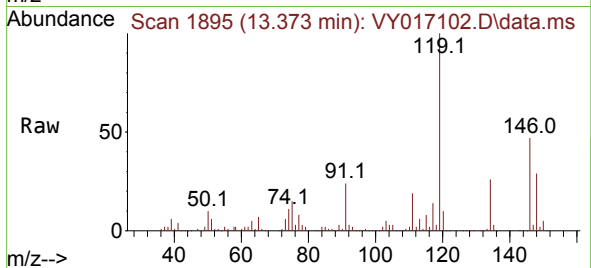
Tgt Ion:146 Resp: 149875

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.5

148 62.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 48.508 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

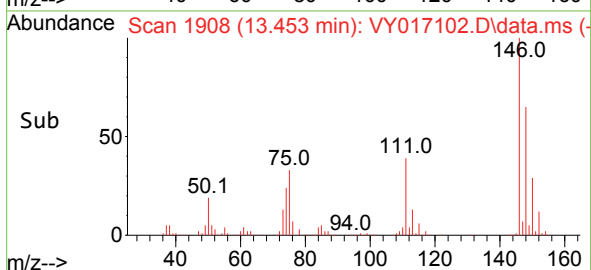
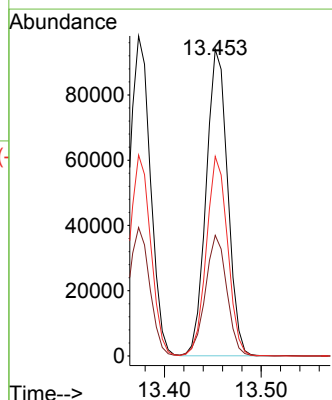
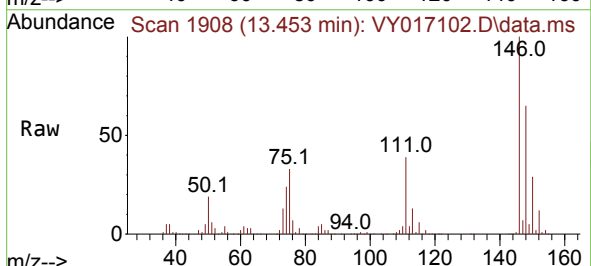
Tgt Ion:146 Resp: 145047

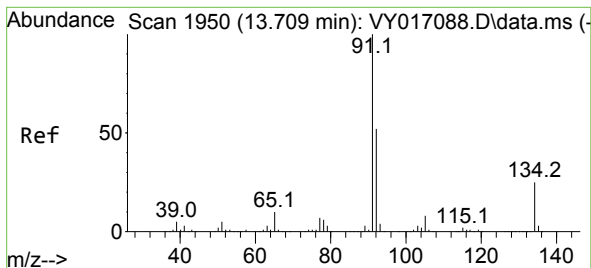
Ion Ratio Lower Upper

146 100

111 39.5 19.3 57.9

148 64.4 31.6 94.7





#89

n-Butylbenzene

Concen: 53.113 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

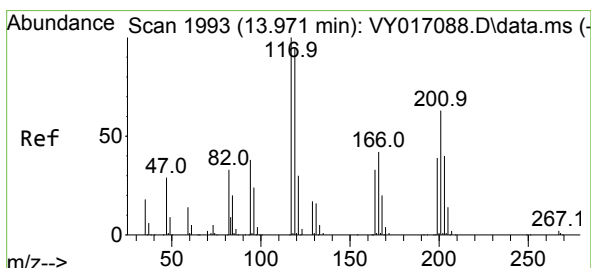
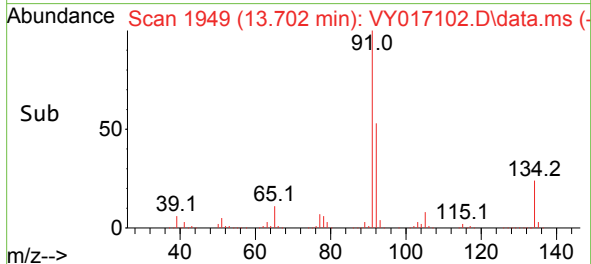
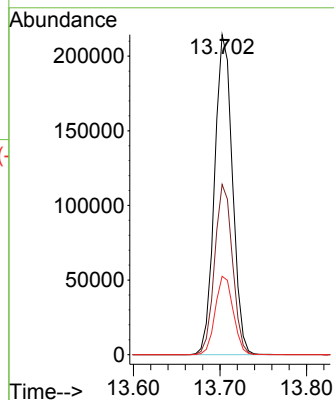
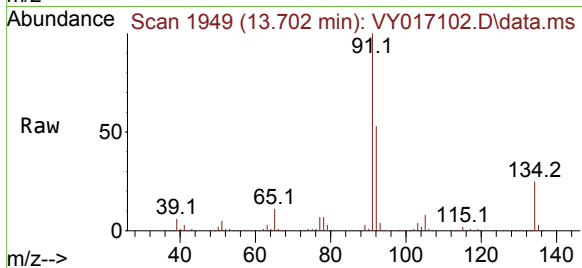
Tgt Ion: 91 Resp: 307726

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

134 24.7 12.3 36.8



#90

Hexachloroethane

Concen: 50.133 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017102.D

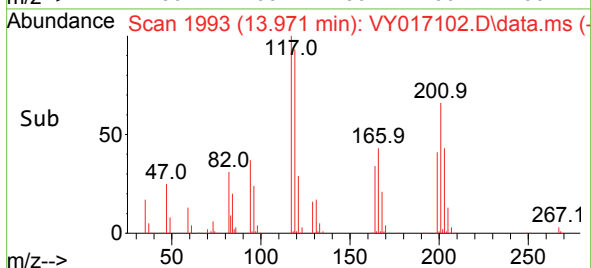
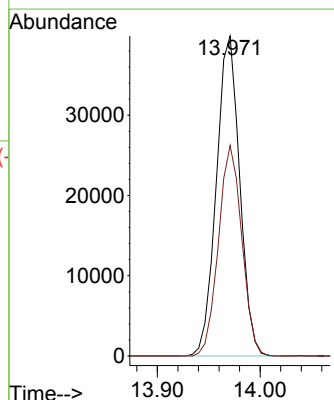
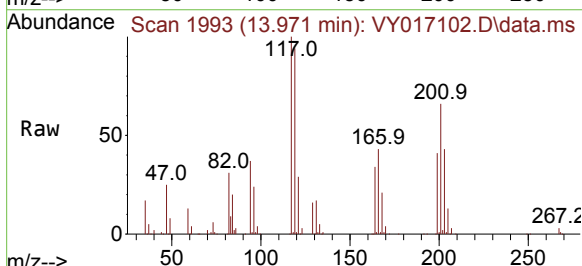
Acq: 25 Jan 2024 11:50

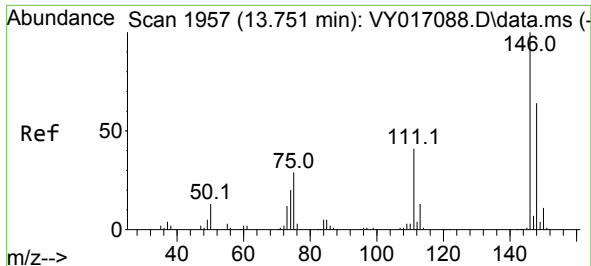
Tgt Ion: 117 Resp: 62765

Ion Ratio Lower Upper

117 100

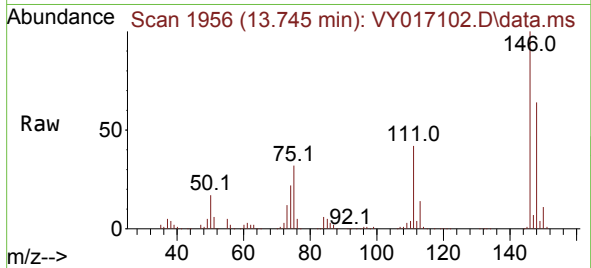
201 65.9 33.4 100.1



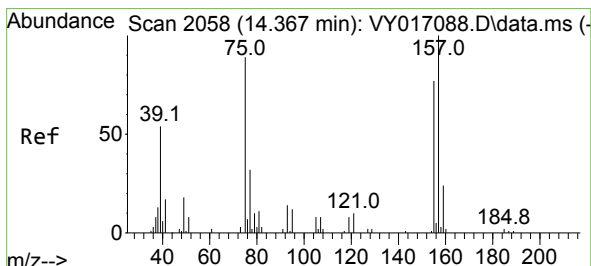
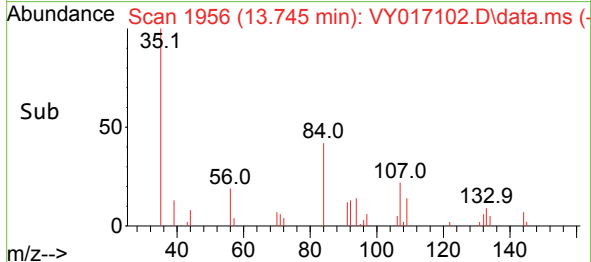
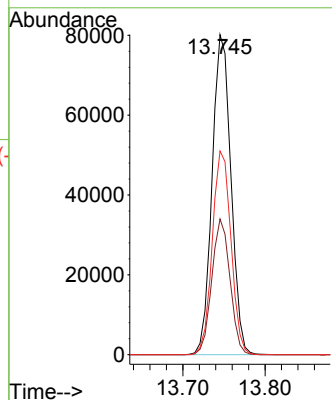


#91
1,2-Dichlorobenzene
Concen: 49.119 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Instrument :
MSVOA_Y
ClientSampleId :

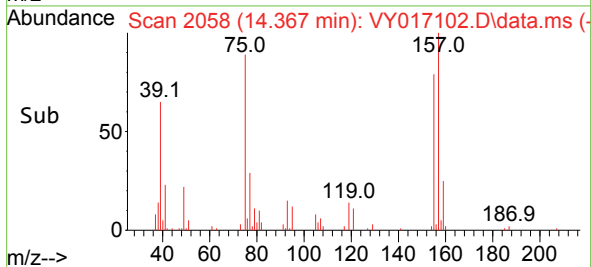
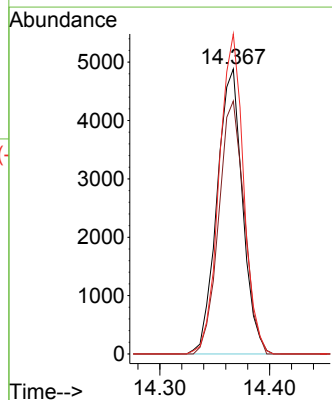
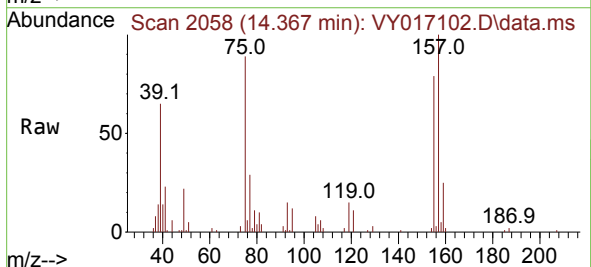


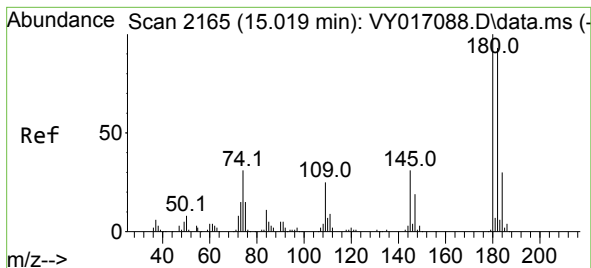
Tgt Ion:146 Resp: 127483
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.6
148 63.2 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.696 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY017102.D
Acq: 25 Jan 2024 11:50

Tgt Ion: 75 Resp: 7917
Ion Ratio Lower Upper
75 100
155 88.5 42.1 126.3
157 107.1 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 49.988 ug/l

RT: 15.013 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

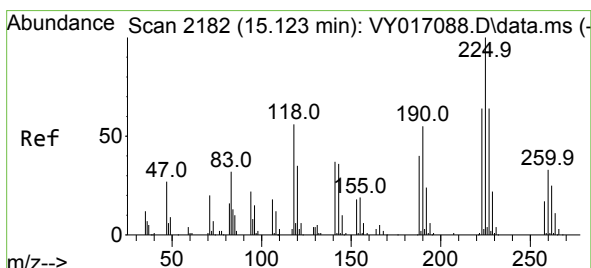
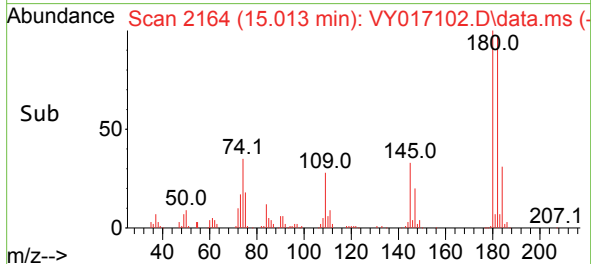
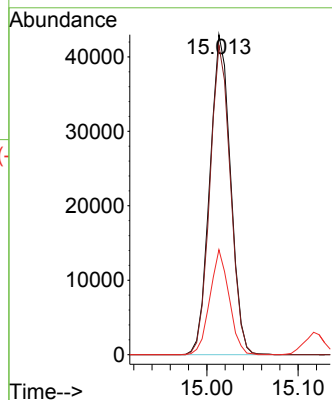
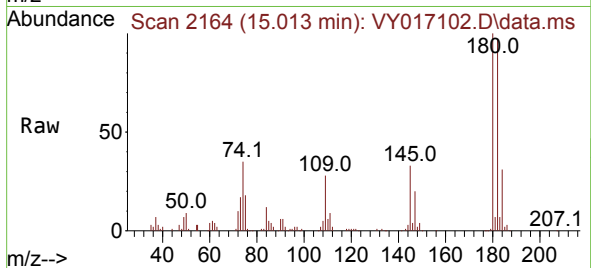
Tgt Ion:180 Resp: 67797

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.7

145 30.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 48.825 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

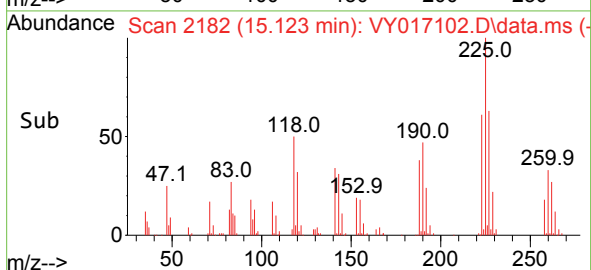
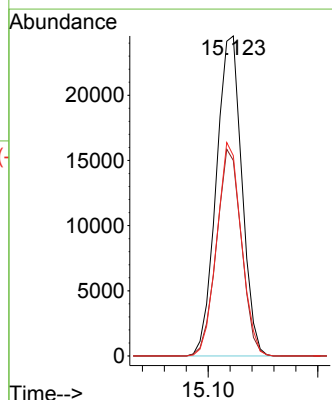
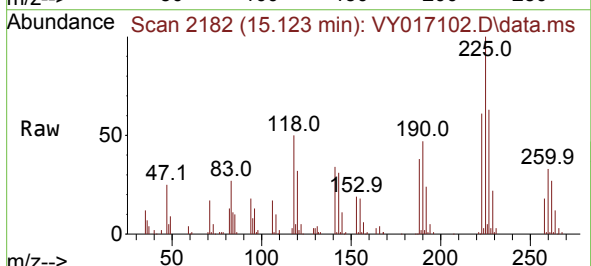
Tgt Ion:225 Resp: 39854

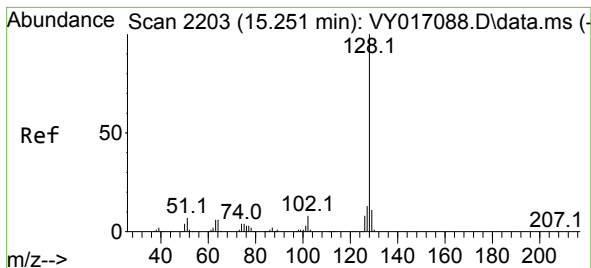
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.3

227 64.0 32.3 96.8





#95

Naphthalene

Concen: 51.083 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Instrument :

MSVOA_Y

ClientSampleId :

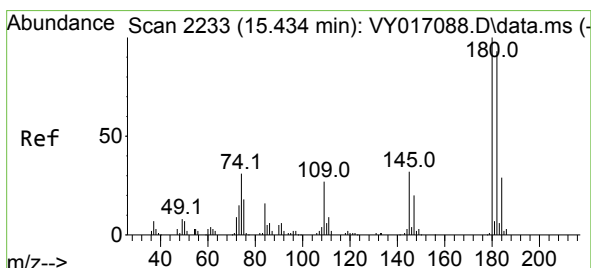
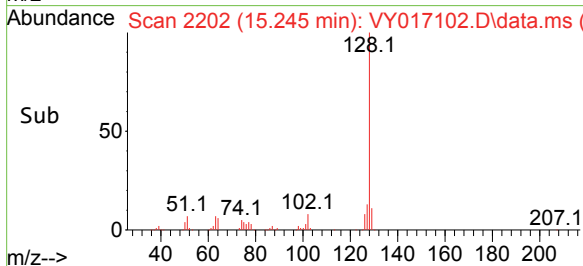
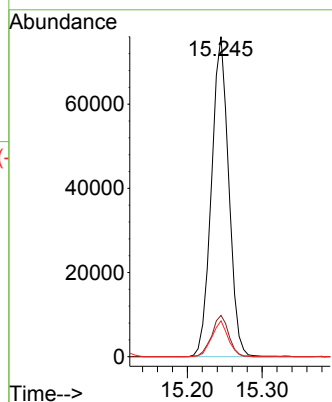
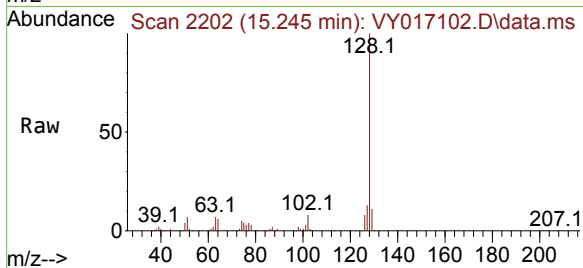
Tgt Ion:128 Resp: 122366

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 49.382 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017102.D

Acq: 25 Jan 2024 11:50

Tgt Ion:180 Resp: 55720

Ion Ratio Lower Upper

180 100

182 93.5 46.3 138.8

145 32.8 16.1 48.2

