

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015184.D
 Acq On : 18 Aug 2023 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 23:04:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	164040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	271430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132157	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	105358	53.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.000%	
35) Dibromofluoromethane	7.716	113	92114	52.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.500%	
50) Toluene-d8	10.179	98	336826	51.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	12.483	95	124719	52.530	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34722	49.364	ug/l	96
3) Chloromethane	2.113	50	50996	52.224	ug/l	99
4) Vinyl Chloride	2.247	62	62597	47.955	ug/l	96
5) Bromomethane	2.644	94	51486	57.523	ug/l	98
6) Chloroethane	2.790	64	48947	51.648	ug/l	94
7) Trichlorofluoromethane	3.119	101	109887	49.961	ug/l	98
8) Diethyl Ether	3.528	74	44806	51.943	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	68576	50.167	ug/l	95
10) Methyl Iodide	4.082	142	65820	49.036	ug/l	99
11) Tert butyl alcohol	4.948	59	71876	219.744	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	56733	49.702	ug/l	96
13) Acrolein	3.729	56	24722	183.077	ug/l	100
14) Allyl chloride	4.473	41	104367	51.571	ug/l	98
15) Acrylonitrile	5.161	53	151965	259.959	ug/l	100
16) Acetone	3.942	43	183886	285.853	ug/l	95
17) Carbon Disulfide	4.192	76	97606	48.589	ug/l	99
18) Methyl Acetate	4.473	43	121494	51.538	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	252309	51.985	ug/l	98
20) Methylene Chloride	4.716	84	79475	51.672	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	64796	50.325	ug/l	96
22) Diisopropyl ether	6.119	45	271354	53.735	ug/l #	91
23) Vinyl Acetate	6.058	43	797211	264.574	ug/l	96
24) 1,1-Dichloroethane	6.015	63	144935	53.013	ug/l	96
25) 2-Butanone	6.984	43	241779	265.449	ug/l	97
26) 2,2-Dichloropropane	6.978	77	129960	49.311	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	90819	51.637	ug/l	97
28) Bromochloromethane	7.326	49	63980	50.937	ug/l	94
29) Tetrahydrofuran	7.344	42	137873	253.152	ug/l	94
30) Chloroform	7.503	83	161875	52.818	ug/l	97
31) Cyclohexane	7.783	56	91583	52.180	ug/l	94
32) 1,1,1-Trichloroethane	7.704	97	134990	51.760	ug/l	99
36) 1,1-Dichloropropene	7.917	75	97496	50.468	ug/l	100
37) Ethyl Acetate	7.070	43	89922	49.937	ug/l	98
38) Carbon Tetrachloride	7.899	117	113212	49.517	ug/l	98
39) Methylcyclohexane	9.185	83	105540	48.733	ug/l	95
40) Benzene	8.161	78	304822	52.189	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	127220	137.010	ug/l	# 17
42) 1,2-Dichloroethane	8.234	62	110007	51.861	ug/l	95
43) Isopropyl Acetate	8.271	43	164906	50.288	ug/l	98
44) Trichloroethene	8.935	130	85916	51.059	ug/l	94
45) 1,2-Dichloropropane	9.216	63	86173	52.322	ug/l	96
46) Dibromomethane	9.307	93	54487	52.454	ug/l	95
47) Bromodichloromethane	9.496	83	133440	53.833	ug/l	100
48) Methyl methacrylate	9.295	41	71949	51.290	ug/l	93
49) 1,4-Dioxane	9.301	88	19802	953.317	ug/l	# 63
51) 4-Methyl-2-Pentanone	10.069	43	492996	259.403	ug/l	95
52) Toluene	10.246	92	199019	51.698	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	134578	51.661	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	143316	52.238	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	82739	52.385	ug/l	96
56) Ethyl methacrylate	10.508	69	120134	51.972	ug/l	91
57) 1,3-Dichloropropane	10.789	76	135599	52.548	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	278630	259.016	ug/l	95
59) 2-Hexanone	10.831	43	369533	262.718	ug/l	92
60) Dibromochloromethane	10.984	129	99454	52.787	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76468	50.964	ug/l	100
64) Tetrachloroethene	10.721	164	86924	50.054	ug/l	97
65) Chlorobenzene	11.520	112	232179	51.122	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	96149	52.176	ug/l	99
67) Ethyl Benzene	11.593	91	402068	50.528	ug/l	99
68) m/p-Xylenes	11.703	106	304504	100.755	ug/l	98
69) o-Xylene	12.032	106	154744	51.398	ug/l	97
70) Styrene	12.044	104	271483	52.100	ug/l	97
71) Bromoform	12.209	173	67340	50.410	ug/l	# 100
73) Isopropylbenzene	12.331	105	418621	49.260	ug/l	100
74) N-amyl acetate	12.142	43	153314	49.968	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	111594	50.420	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	141582	88.180	ug/l	# 100
77) Bromobenzene	12.611	156	101368	48.936	ug/l	95
78) n-propylbenzene	12.672	91	504592	50.002	ug/l	100
79) 2-Chlorotoluene	12.758	91	288874	49.622	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	350768	49.517	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	36172	49.483	ug/l	96
82) 4-Chlorotoluene	12.855	91	302756	50.339	ug/l	100
83) tert-Butylbenzene	13.075	119	314669	48.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	350756	49.552	ug/l	98
85) sec-Butylbenzene	13.252	105	474019	49.930	ug/l	100
86) p-Isopropyltoluene	13.367	119	390092	49.560	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	205535	50.026	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	206326	50.068	ug/l	99
89) n-Butylbenzene	13.697	91	370339	49.902	ug/l	97
90) Hexachloroethane	13.965	117	77111	49.383	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	191608	49.921	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20326	47.407	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	120202	48.781	ug/l	98
94) Hexachlorobutadiene	15.111	225	63141	47.108	ug/l	99
95) Naphthalene	15.239	128	288767	47.044	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	109275	49.104	ug/l	99

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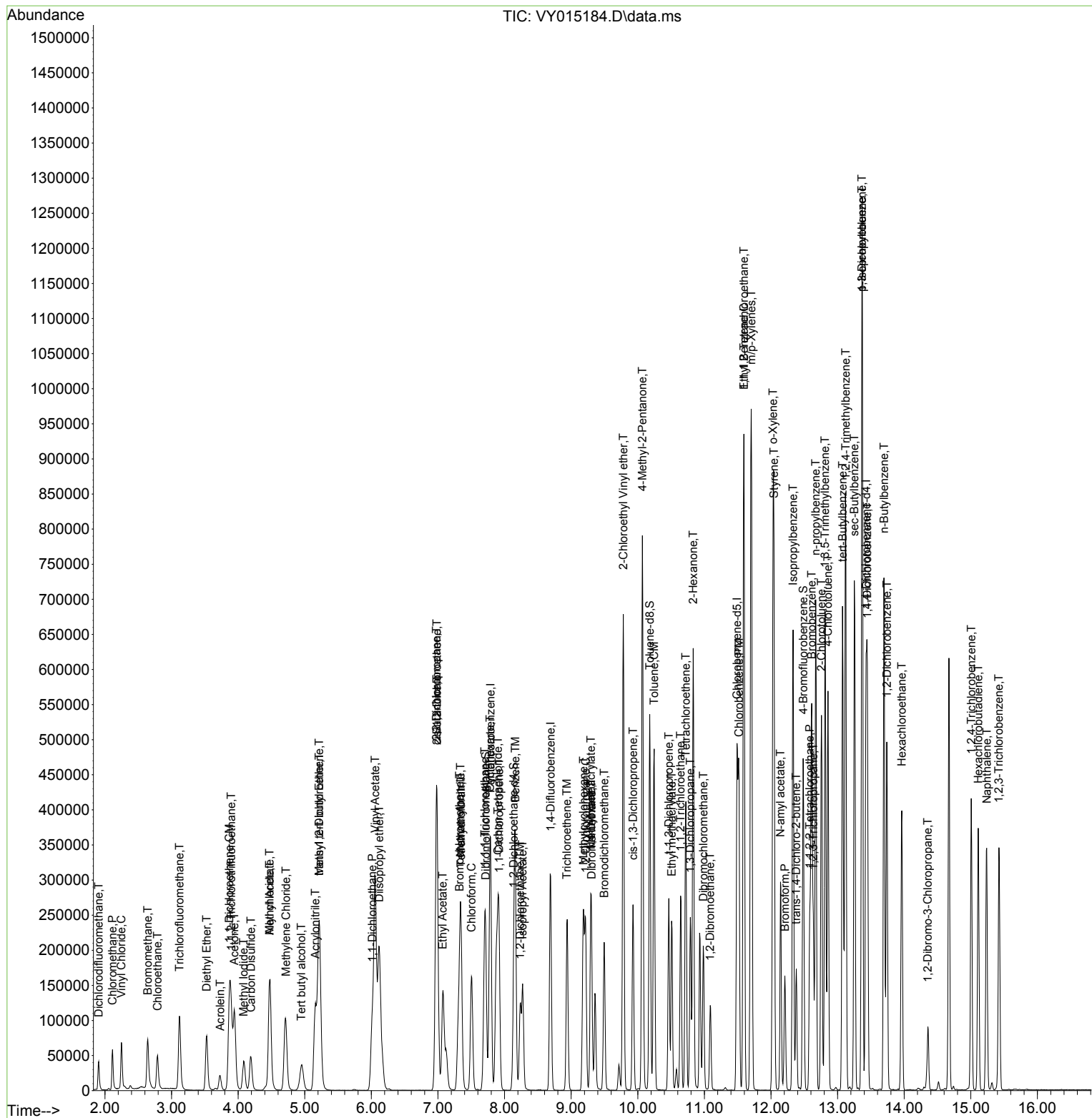
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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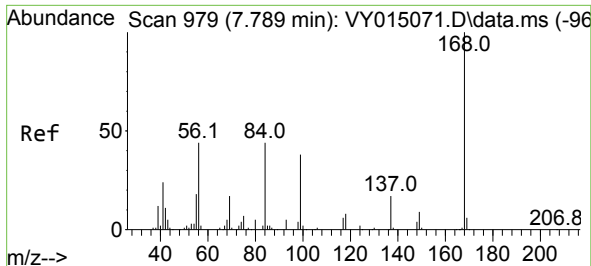
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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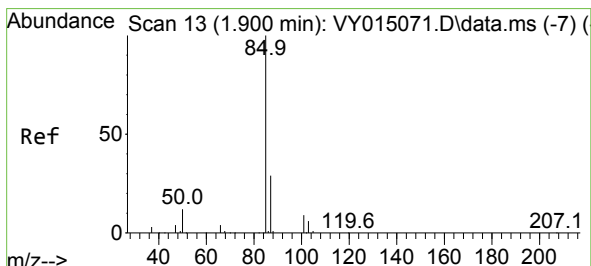
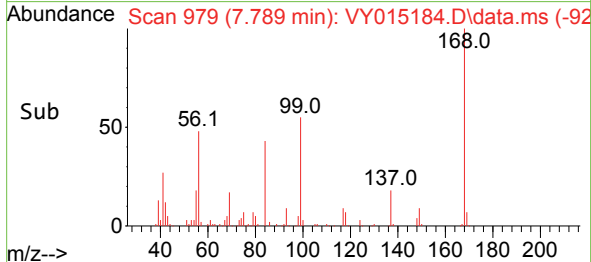
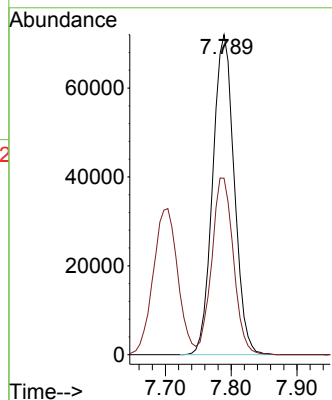
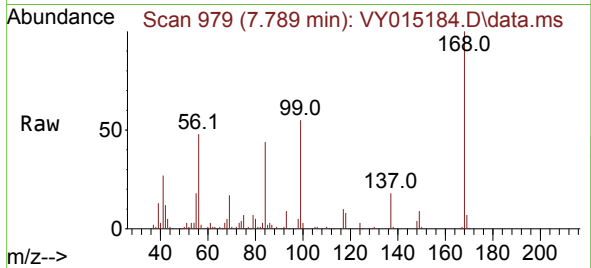




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015184.D
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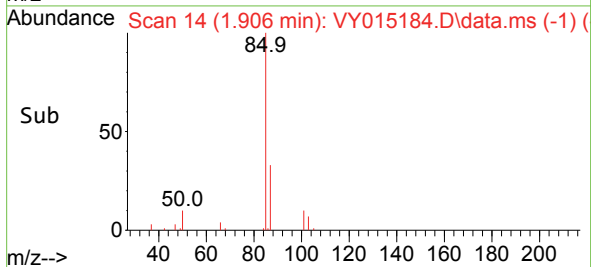
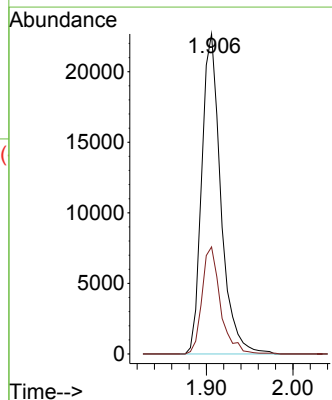
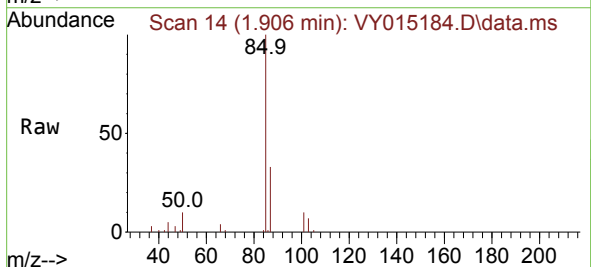
Instrument :
MSVOA_Y
ClientSampleId :

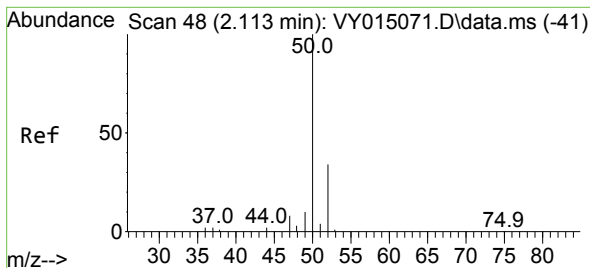
Tgt Ion:168 Resp: 164040
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 49.364 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 85 Resp: 34722
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8





#3

Chloromethane

Concen: 52.224 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

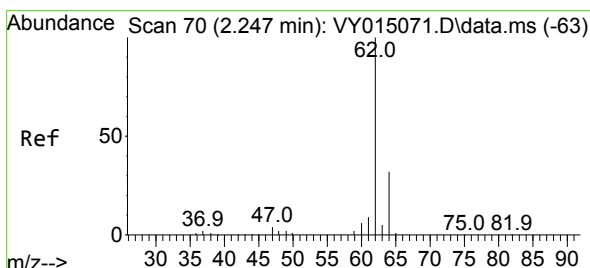
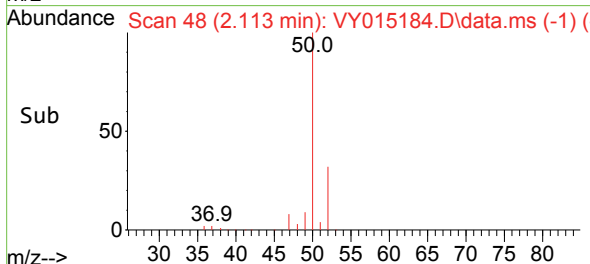
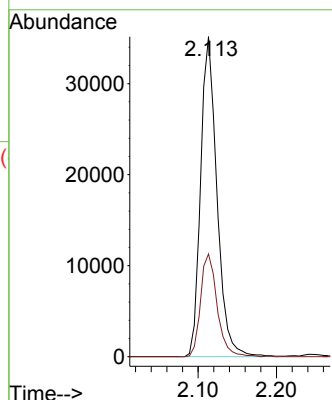
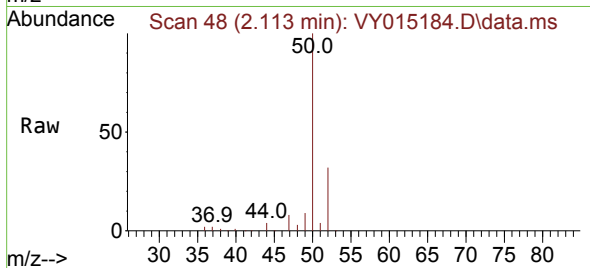
ClientSampleId :

Tgt Ion: 50 Resp: 50996

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 47.955 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015184.D

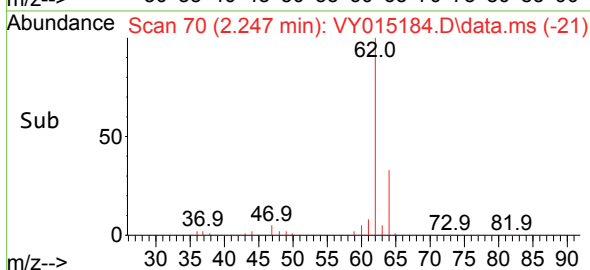
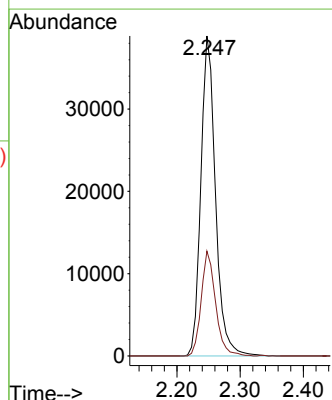
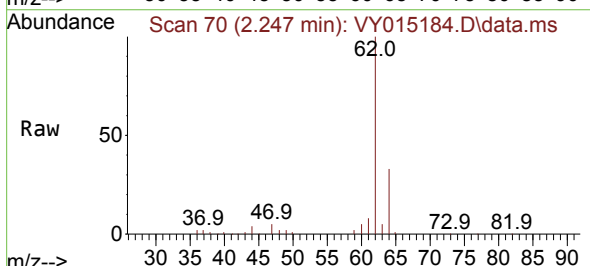
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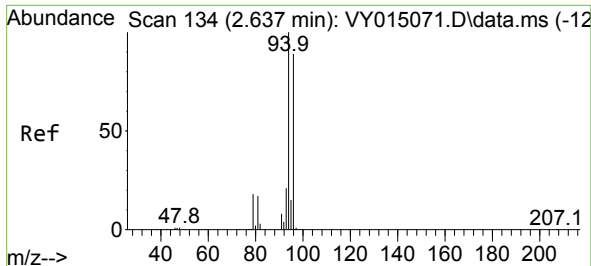
Tgt Ion: 62 Resp: 62597

Ion Ratio Lower Upper

62 100

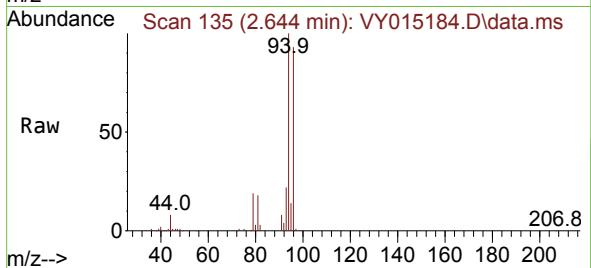
64 32.8 24.3 36.5



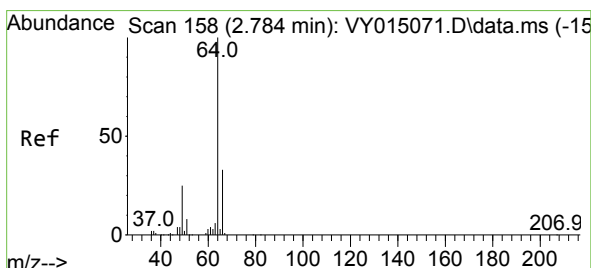
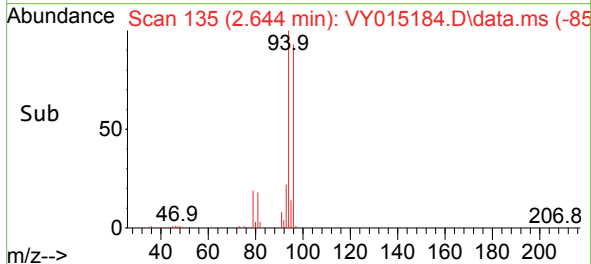
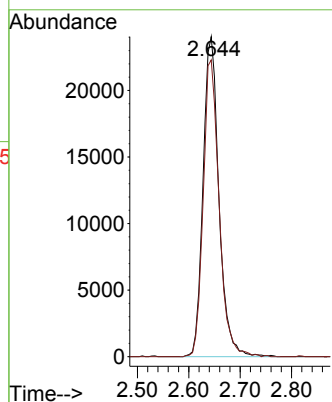


#5
Bromomethane
Concen: 57.523 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015184.D
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ClientSampleId :

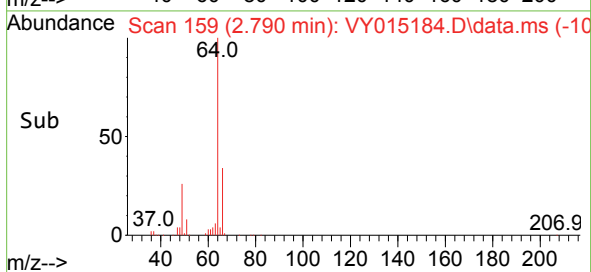
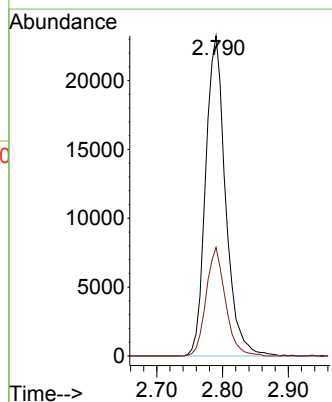
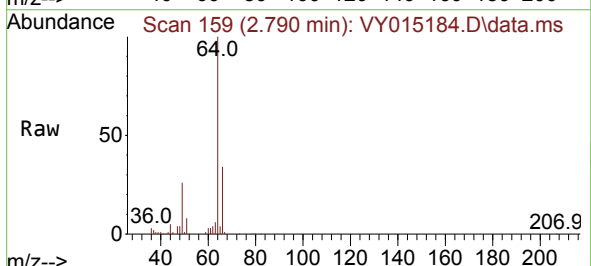


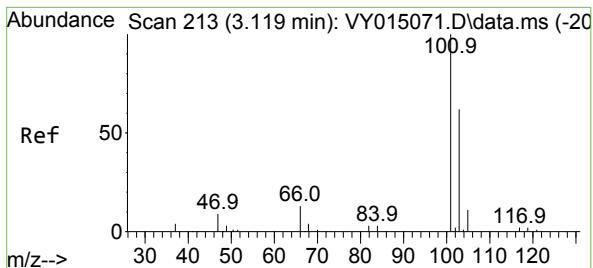
Tgt Ion: 94 Resp: 51486
Ion Ratio Lower Upper
94 100
96 92.7 75.8 113.6



#6
Chloroethane
Concen: 51.648 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 64 Resp: 48947
Ion Ratio Lower Upper
64 100
66 33.9 24.4 36.6





#7

Trichlorofluoromethane

Concen: 49.961 ug/l

RT: 3.119 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

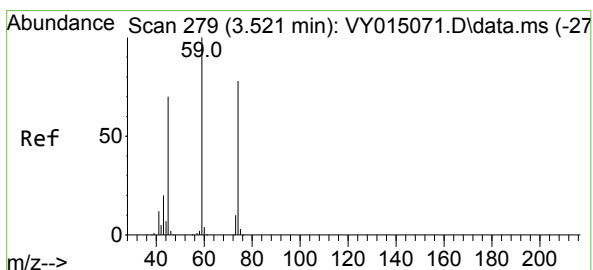
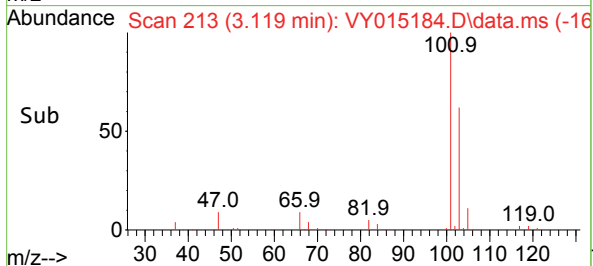
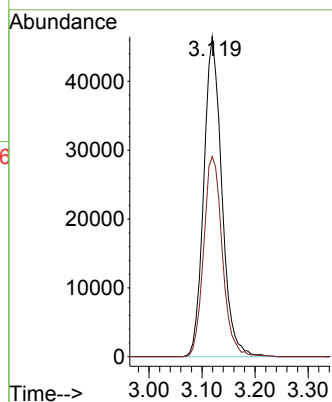
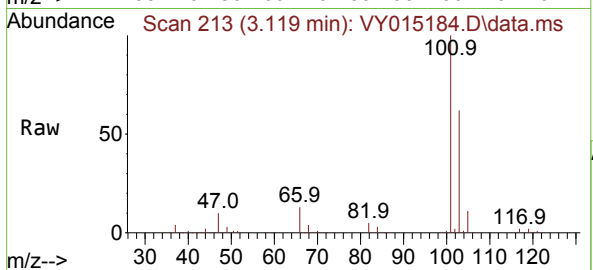
ClientSampleId :

Tgt Ion:101 Resp: 109887

Ion Ratio Lower Upper

101 100

103 62.5 51.4 77.0



#8

Diethyl Ether

Concen: 51.943 ug/l

RT: 3.528 min Scan# 280

Delta R.T. 0.006 min

Lab File: VY015184.D

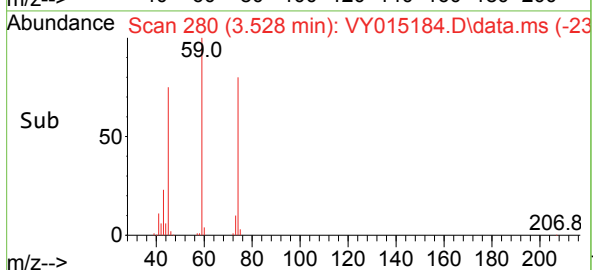
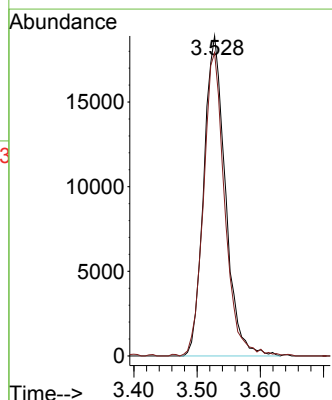
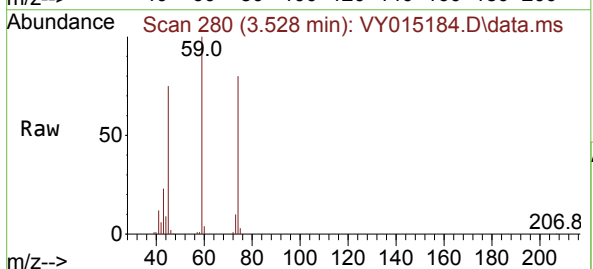
Acq: 18 Aug 2023 09:54

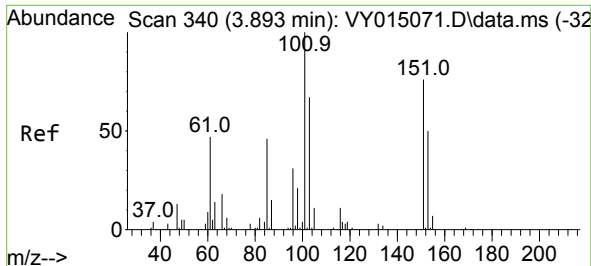
Tgt Ion: 74 Resp: 44806

Ion Ratio Lower Upper

74 100

45 93.7 51.5 154.5

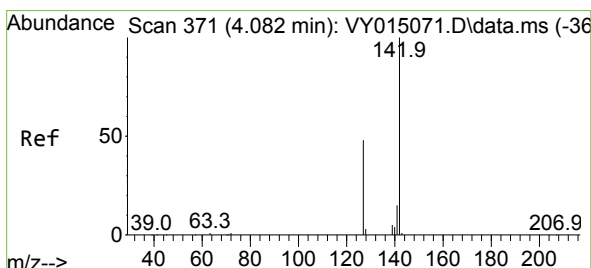
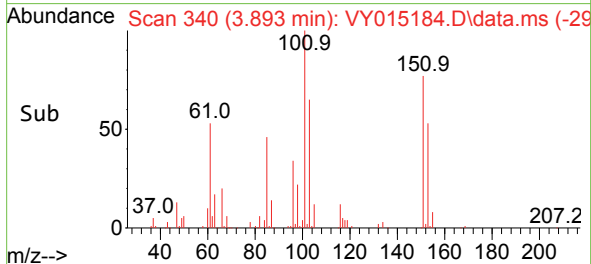
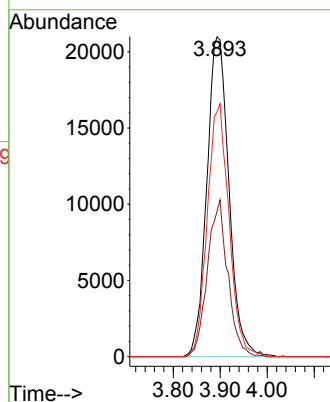
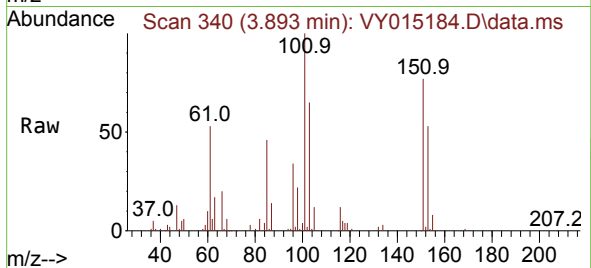




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.167 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

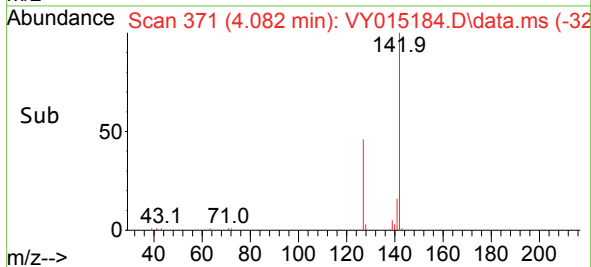
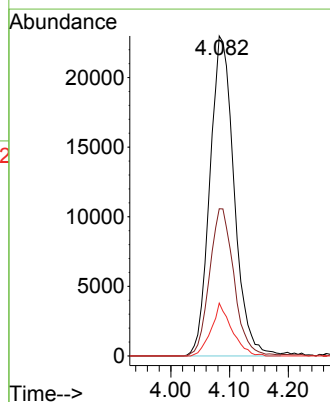
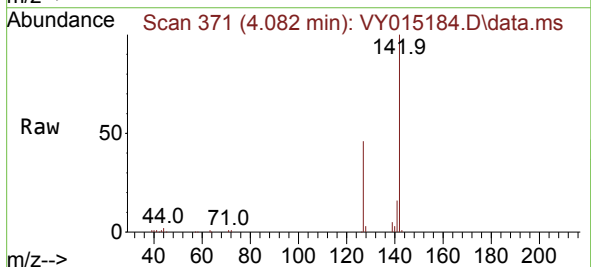
Instrument :
MSVOA_Y
ClientSampleId :

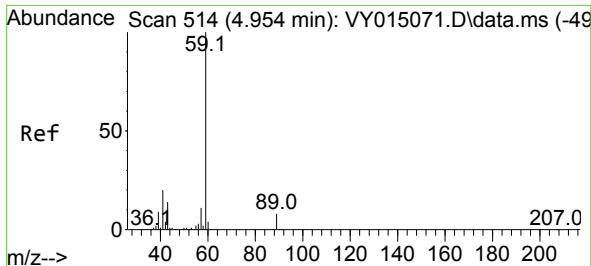
Tgt Ion:101 Resp: 68576
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 77.6 67.0 100.6



#10
Methyl Iodide
Concen: 49.036 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

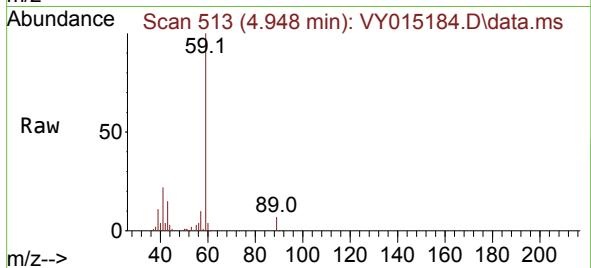
Tgt Ion:142 Resp: 65820
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 14.1 11.8 17.8



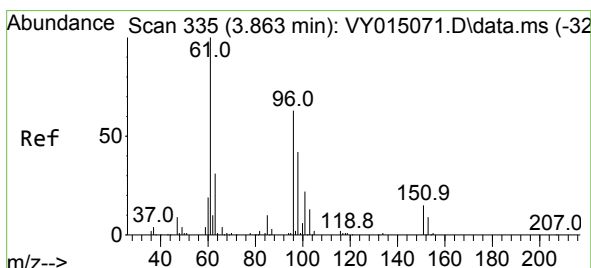
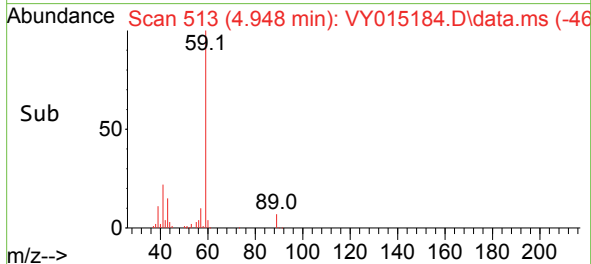
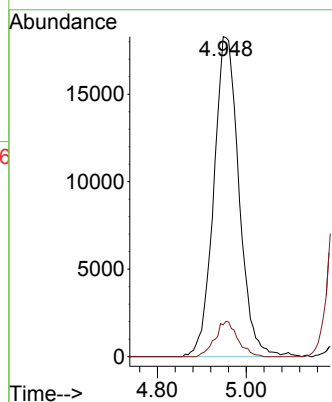


#11
Tert butyl alcohol
Concen: 219.744 ug/l
RT: 4.948 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Instrument :
MSVOA_Y
ClientSampleId :

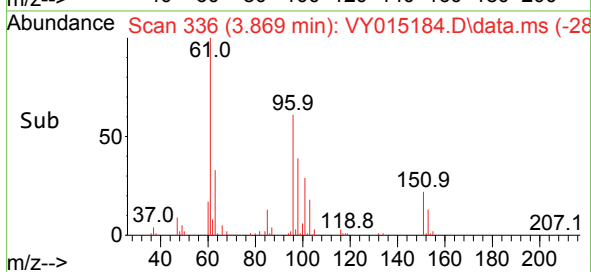
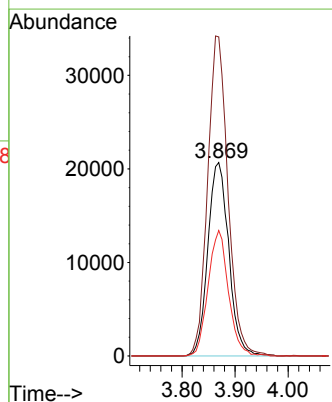
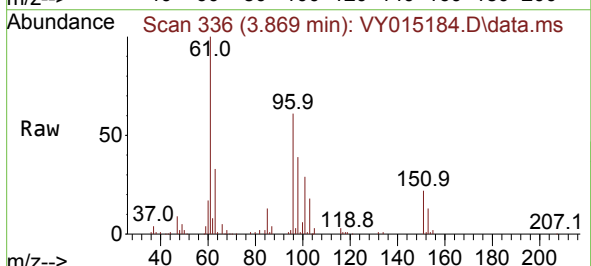


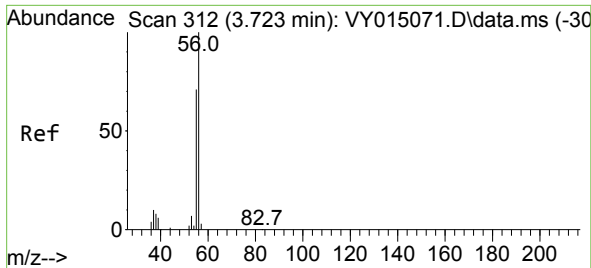
Tgt Ion: 59 Resp: 71876
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.702 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 96 Resp: 56733
Ion Ratio Lower Upper
96 100
61 164.9 136.4 204.6
98 64.8 49.4 74.2





#13

Acrolein

Concen: 183.077 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

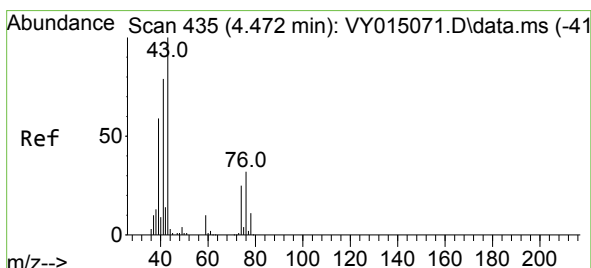
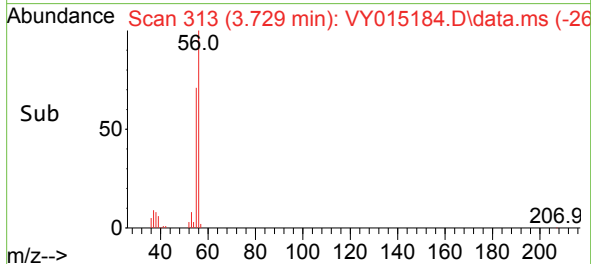
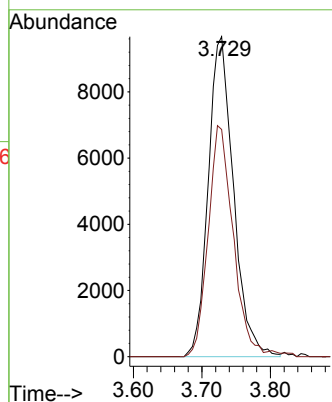
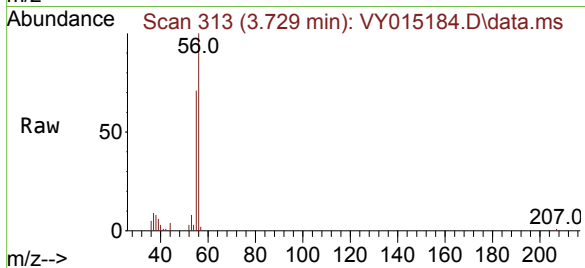
ClientSampleId :

Tgt Ion: 56 Resp: 24722

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 51.571 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

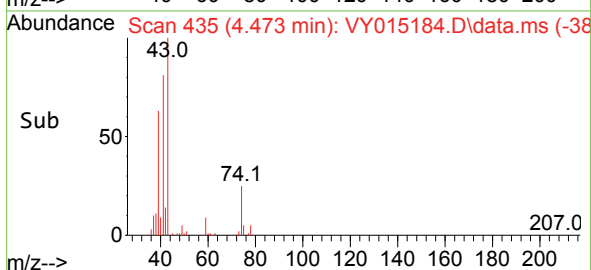
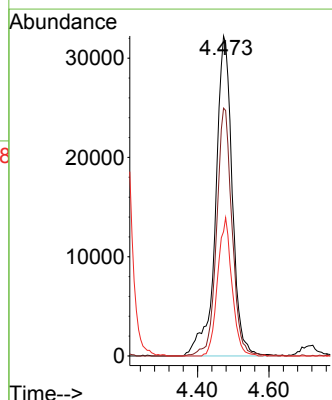
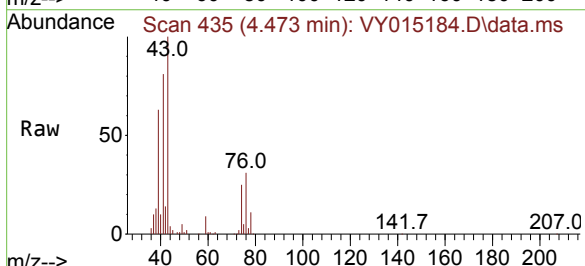
Tgt Ion: 41 Resp: 104367

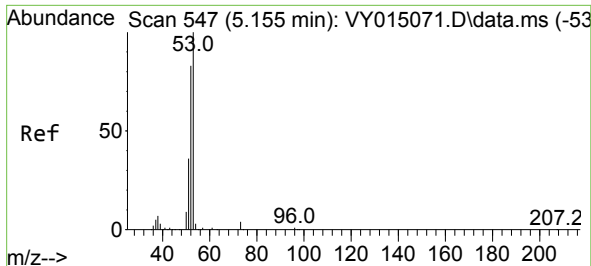
Ion Ratio Lower Upper

41 100

39 71.8 58.0 87.0

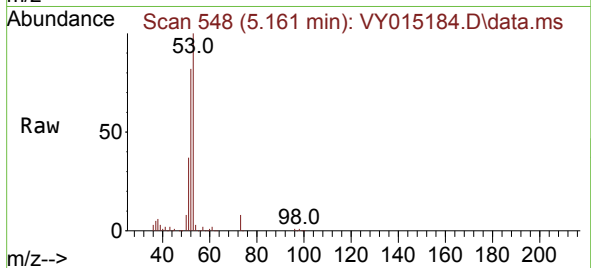
76 37.3 27.4 41.2



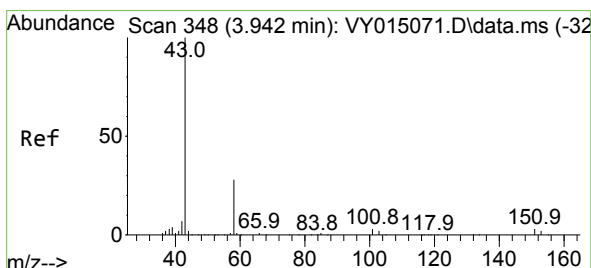
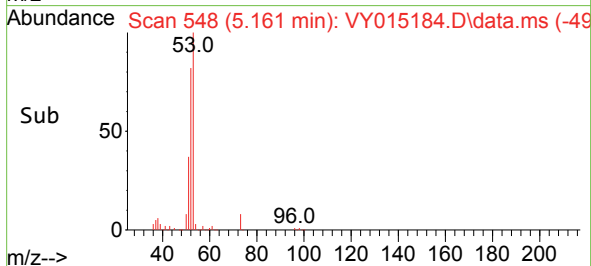
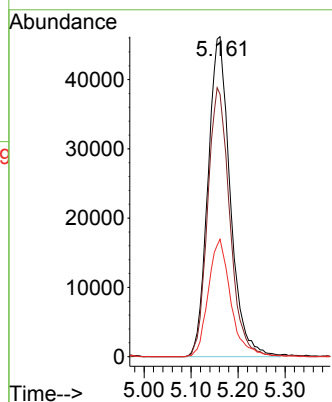


#15
Acrylonitrile
Concen: 259.959 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Instrument :
MSVOA_Y
ClientSampleId :

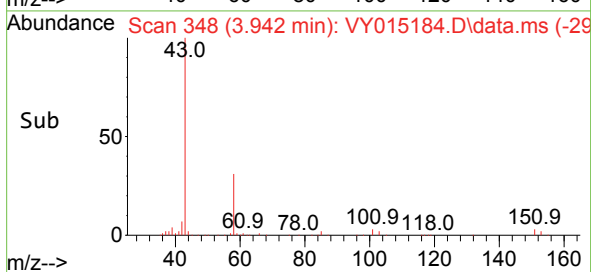
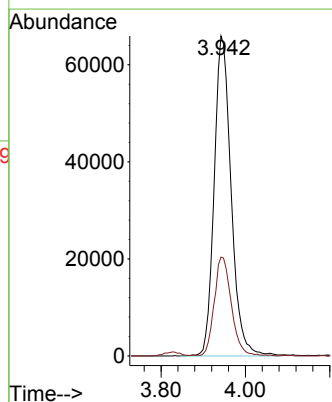
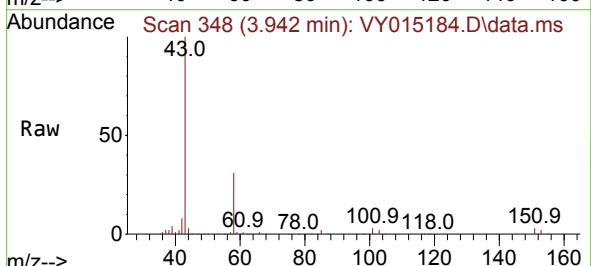


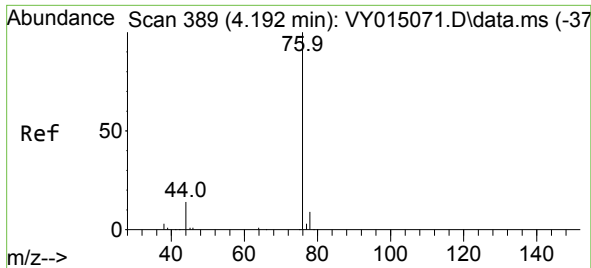
Tgt Ion: 53 Resp: 151965
Ion Ratio Lower Upper
53 100
52 83.4 66.9 100.3
51 37.0 29.8 44.6



#16
Acetone
Concen: 285.853 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 43 Resp: 183886
Ion Ratio Lower Upper
43 100
58 30.8 22.7 34.1

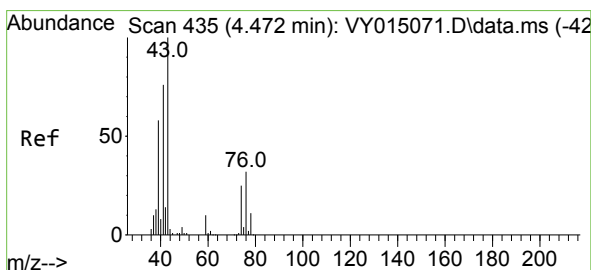
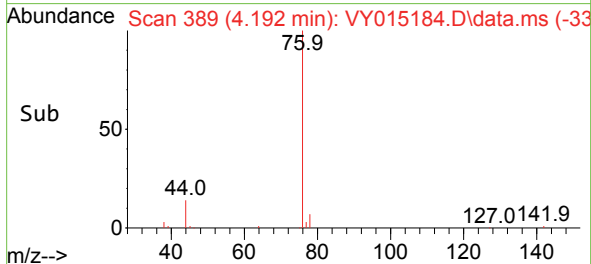
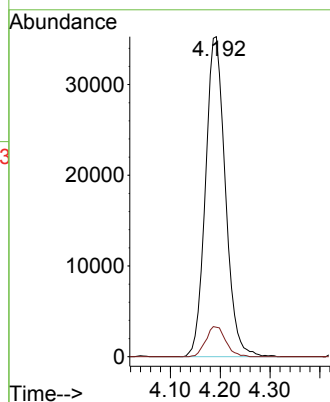
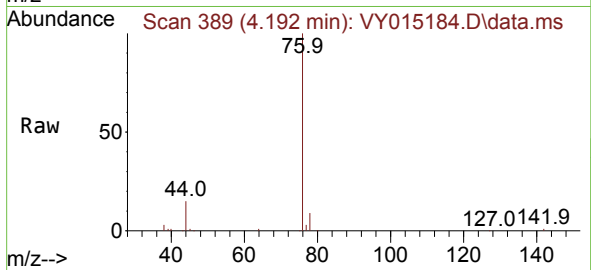




#17
Carbon Disulfide
Concen: 48.589 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

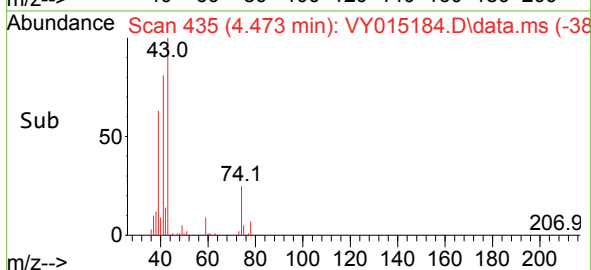
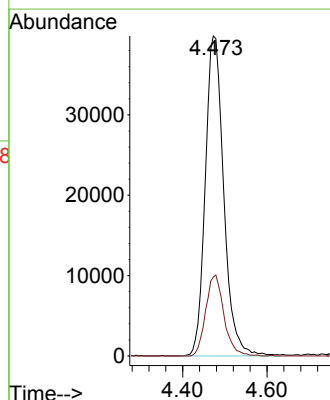
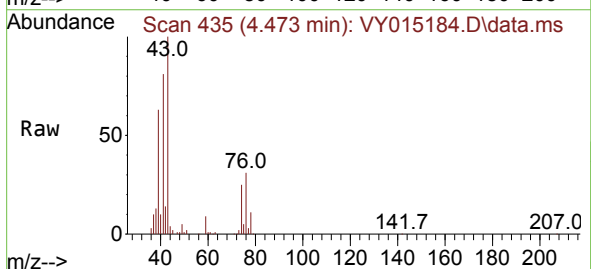
Instrument :
MSVOA_Y
ClientSampleId :

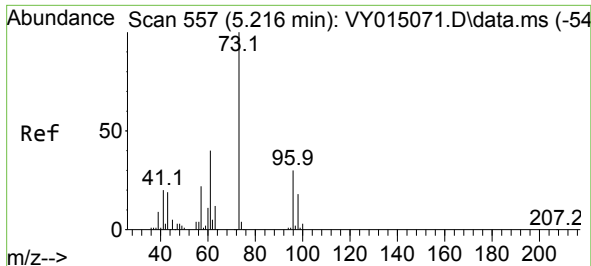
Tgt Ion: 76 Resp: 97606
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 51.538 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.007 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 43 Resp: 121494
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0

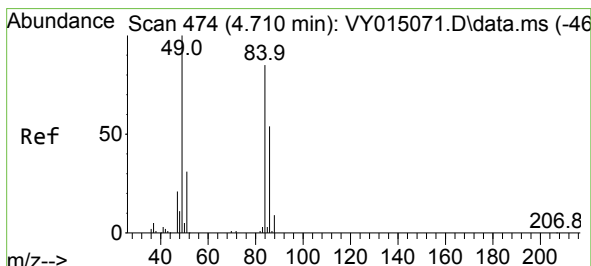
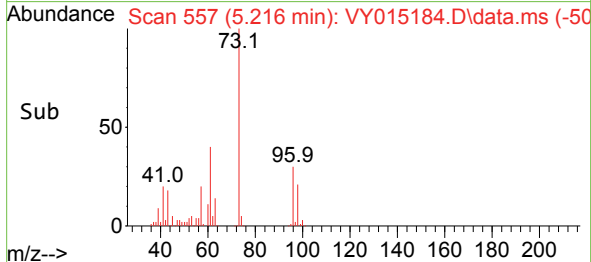
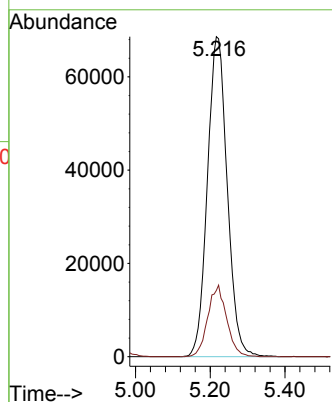
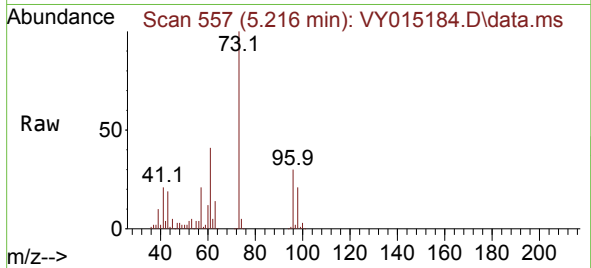




#19
Methyl tert-butyl Ether
Concen: 51.985 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

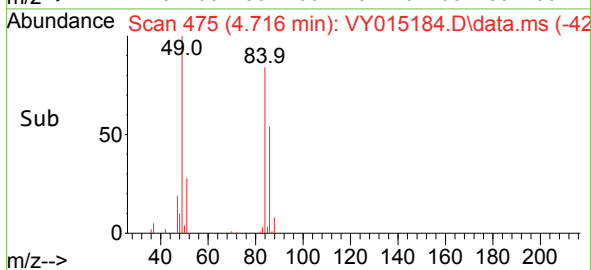
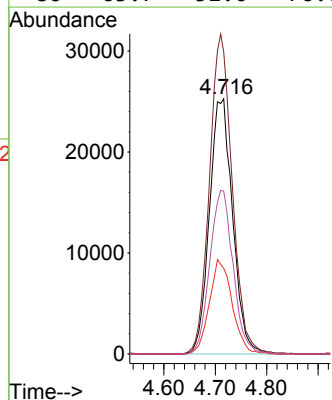
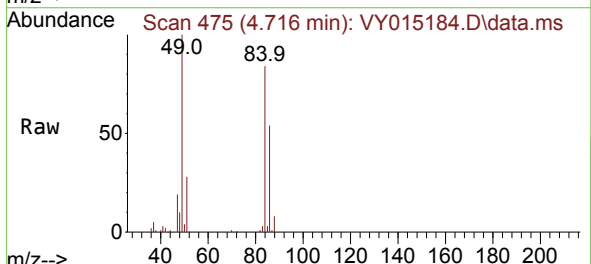
Instrument :
MSVOA_Y
ClientSampleId :

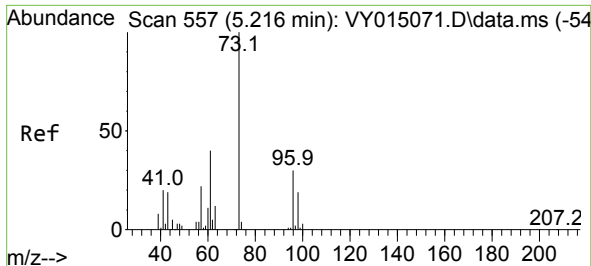
Tgt Ion: 73 Resp: 252309
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 51.672 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

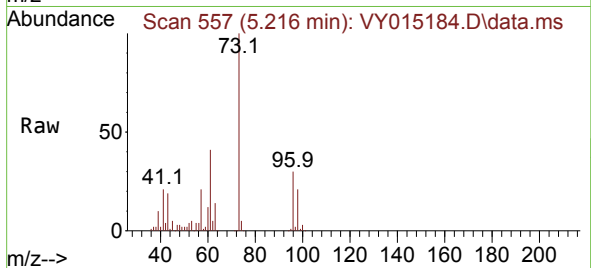
Tgt Ion: 84 Resp: 79475
Ion Ratio Lower Upper
84 100
49 118.4 106.9 160.3
51 33.6 33.2 49.8
86 63.7 51.0 76.6



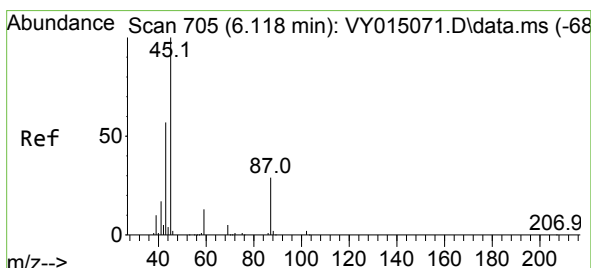
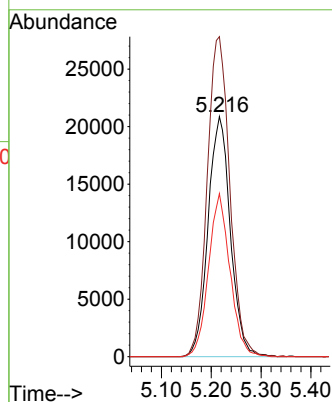
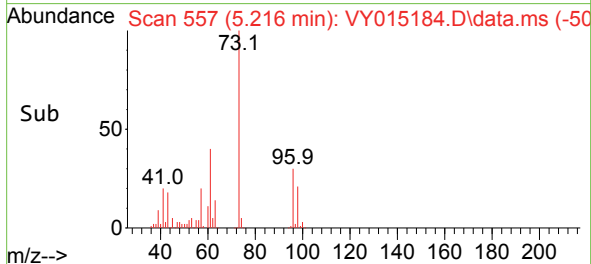


#21
trans-1,2-Dichloroethene
Concen: 50.325 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

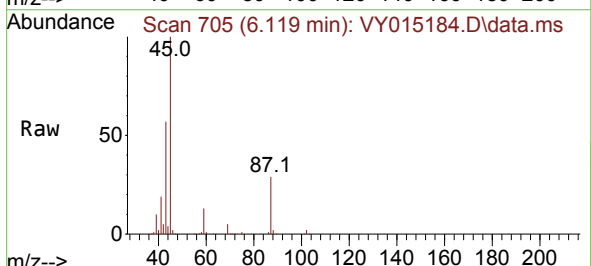
Instrument :
MSVOA_Y
ClientSampleId :



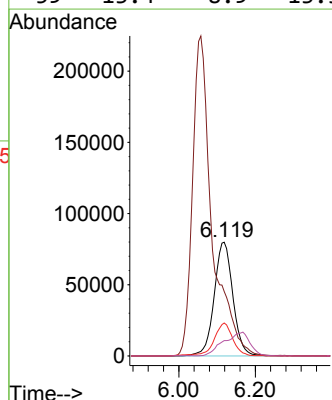
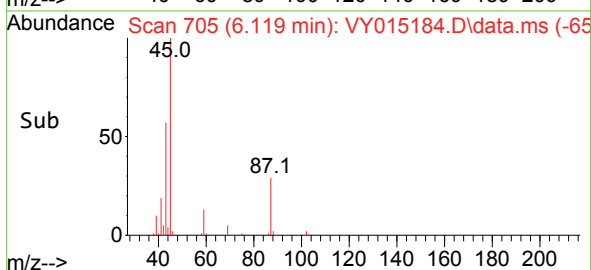
Tgt Ion: 96 Resp: 64796
Ion Ratio Lower Upper
96 100
61 133.3 110.2 165.4
98 67.9 51.8 77.6

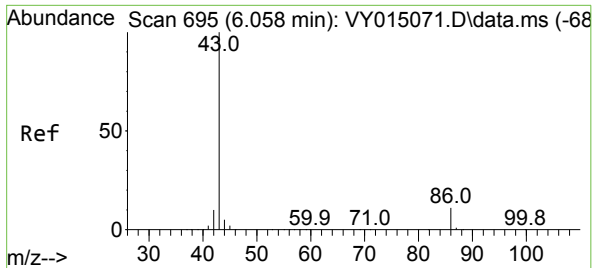


#22
Diisopropyl ether
Concen: 53.735 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54



Tgt Ion: 45 Resp: 271354
Ion Ratio Lower Upper
45 100
43 56.1 52.2 78.4
87 29.0 21.0 31.6
59 13.4 8.9 13.3#

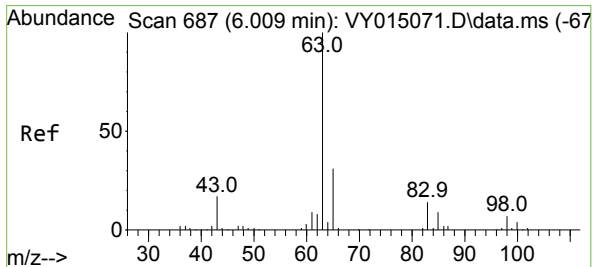
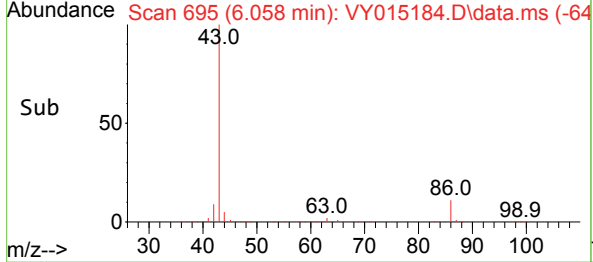
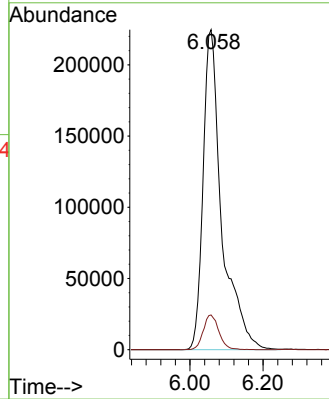
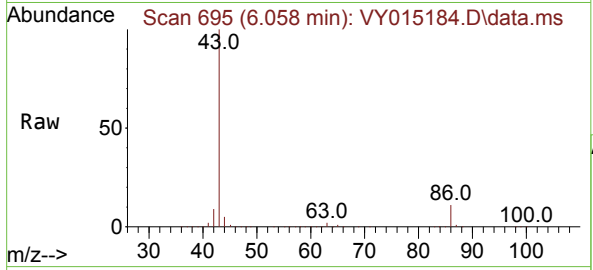




#23
 Vinyl Acetate
 Concen: 264.574 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY015184.D
 Acq: 18 Aug 2023 09:54

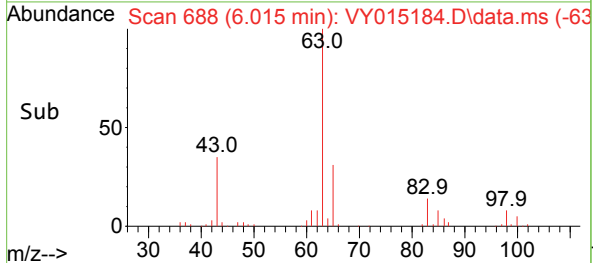
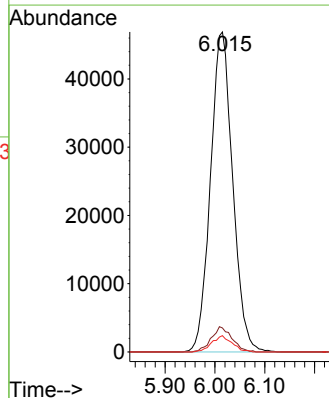
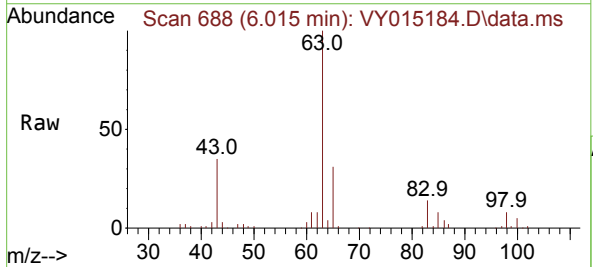
Instrument :
 MSVOA_Y
 ClientSampleId :

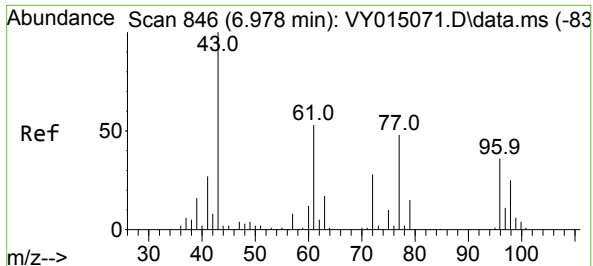
Tgt Ion: 43 Resp: 797211
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 53.013 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015184.D
 Acq: 18 Aug 2023 09:54

Tgt Ion: 63 Resp: 144935
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 5.1 1.8 5.5





#25

2-Butanone

Concen: 265.449 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

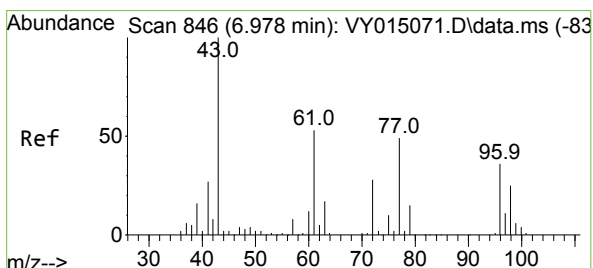
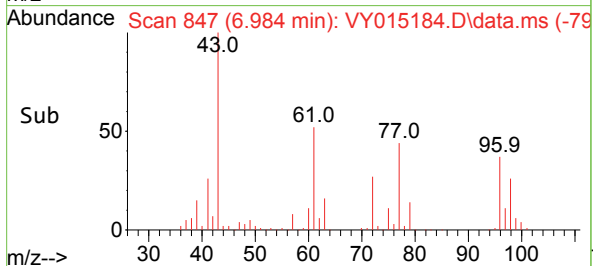
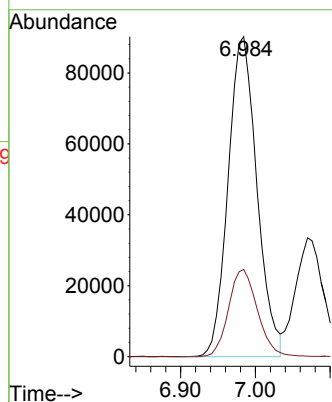
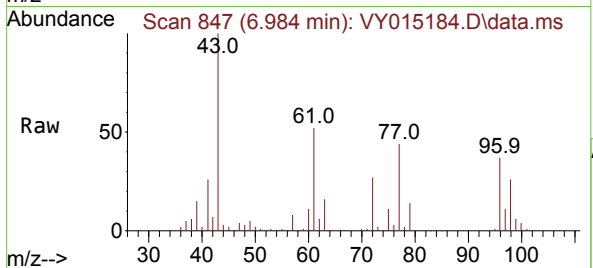
ClientSampleId :

Tgt Ion: 43 Resp: 241779

Ion Ratio Lower Upper

43 100

72 27.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.311 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015184.D

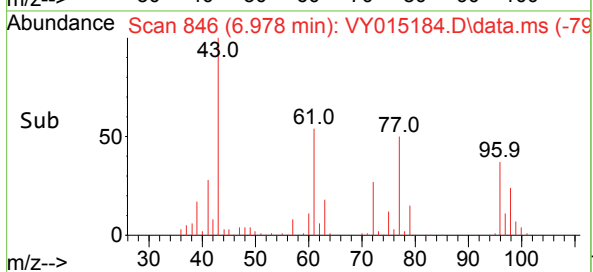
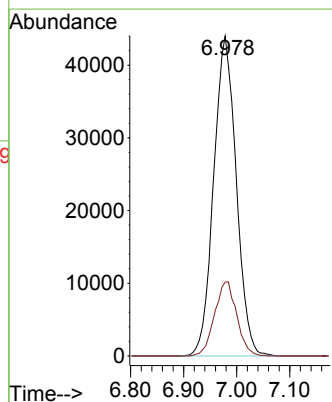
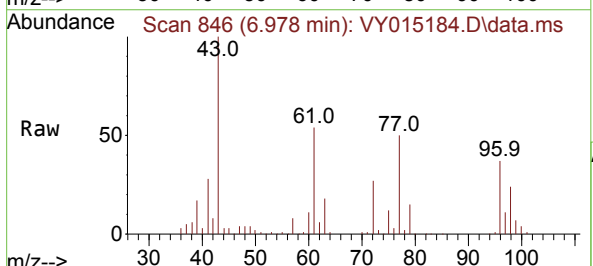
Acq: 18 Aug 2023 09:54

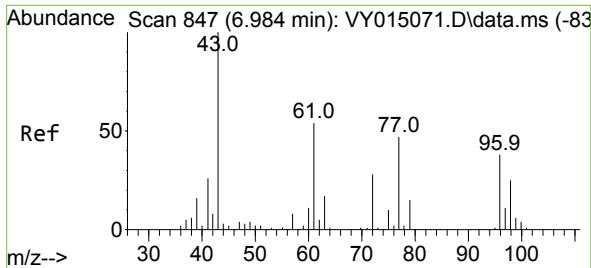
Tgt Ion: 77 Resp: 129960

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9

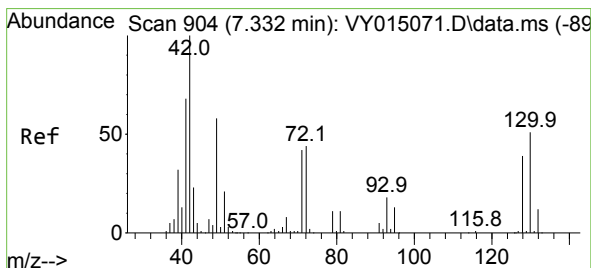
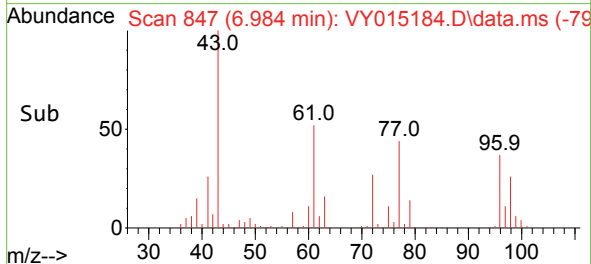
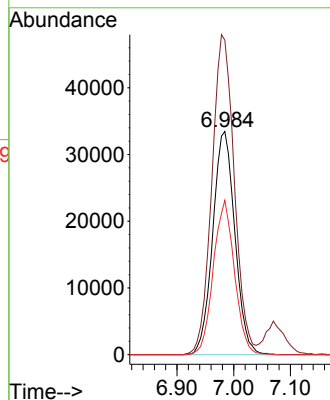
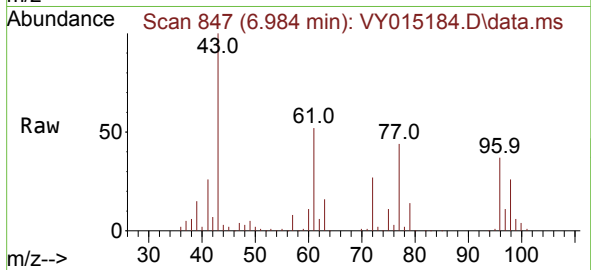




#27
 cis-1,2-Dichloroethene
 Concen: 51.637 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY015184.D
 Acq: 18 Aug 2023 09:54

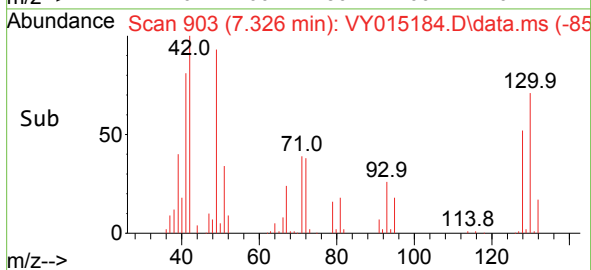
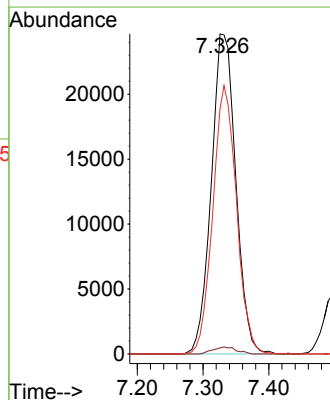
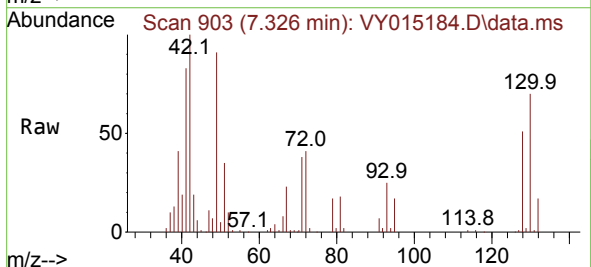
Instrument :
 MSVOA_Y
 ClientSampleId :

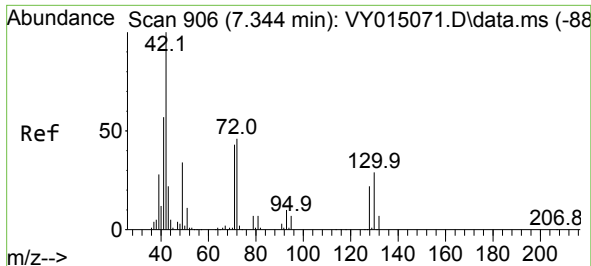
Tgt Ion: 96 Resp: 90819
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 301.4
 98 65.9 0.0 130.4



#28
 Bromochloromethane
 Concen: 50.937 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY015184.D
 Acq: 18 Aug 2023 09:54

Tgt Ion: 49 Resp: 63980
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 80.8 60.7 91.1





#29

Tetrahydrofuran

Concen: 253.152 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

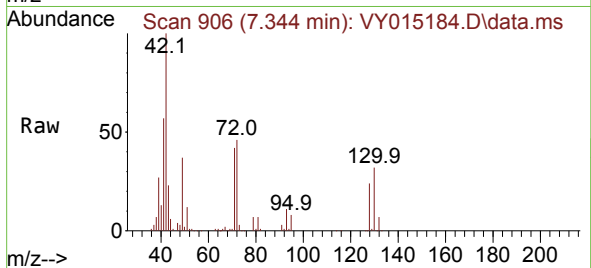
Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :



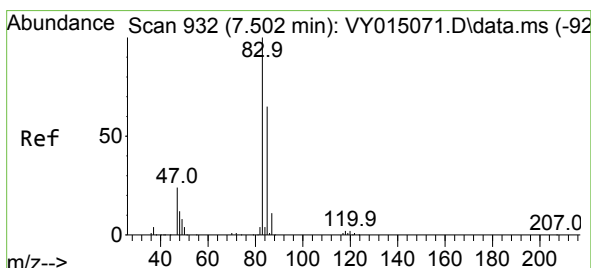
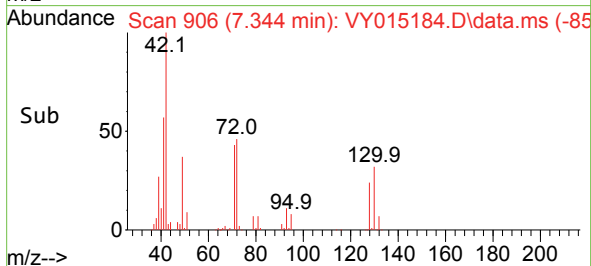
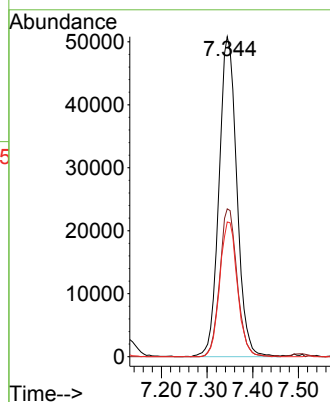
Tgt Ion: 42 Resp: 137873

Ion Ratio Lower Upper

42 100

72 45.1 32.8 49.2

71 41.8 31.0 46.4



#30

Chloroform

Concen: 52.818 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY015184.D

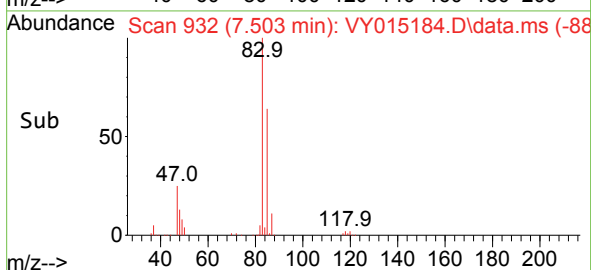
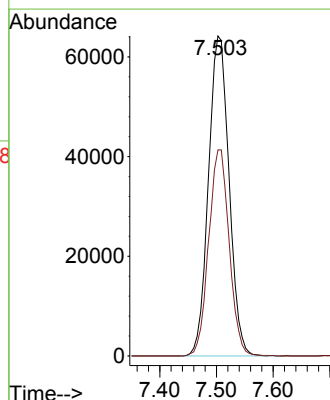
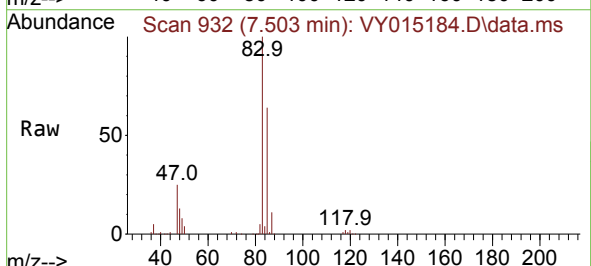
Acq: 18 Aug 2023 09:54

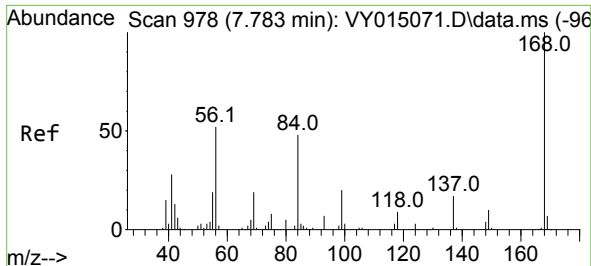
Tgt Ion: 83 Resp: 161875

Ion Ratio Lower Upper

83 100

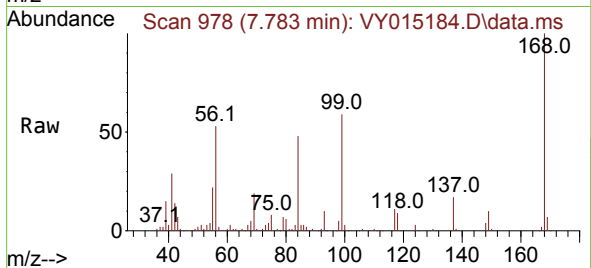
85 64.4 49.7 74.5



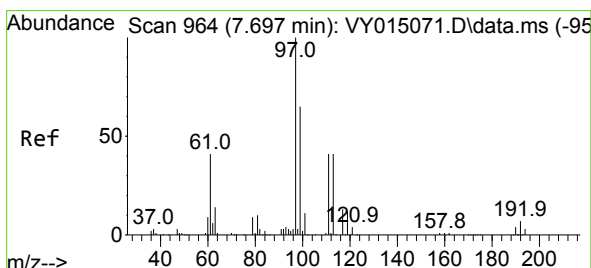
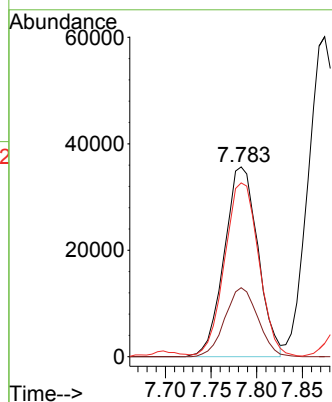
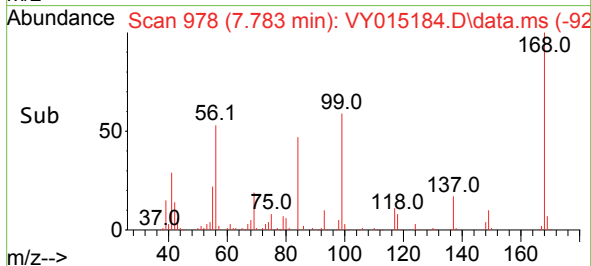


#31
Cyclohexane
Concen: 52.180 ug/l
RT: 7.783 min Scan# 915
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

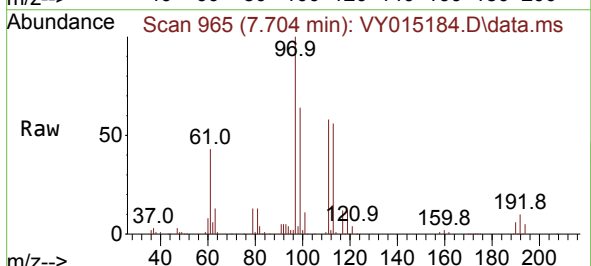
Instrument :
MSVOA_Y
ClientSampleId :



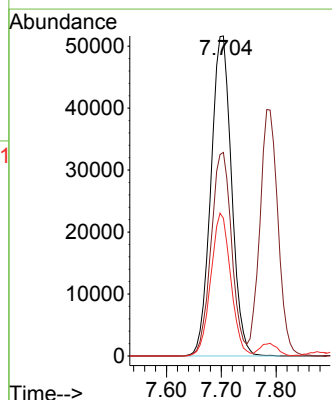
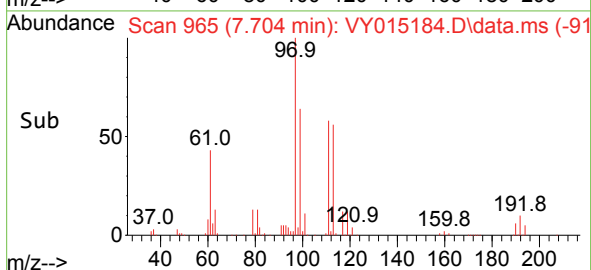
Tgt Ion: 56 Resp: 91583
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.6
84 90.1 66.4 99.6

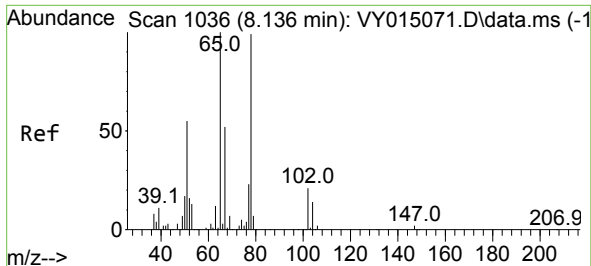


#32
1,1,1-Trichloroethane
Concen: 51.760 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54



Tgt Ion: 97 Resp: 134990
Ion Ratio Lower Upper
97 100
99 63.6 50.8 76.2
61 43.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 53.504 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

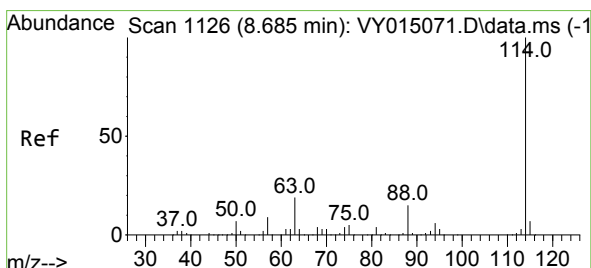
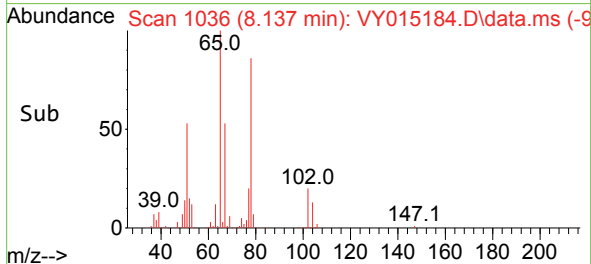
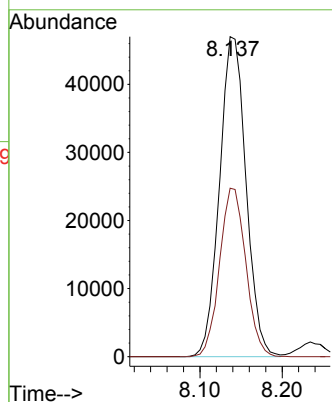
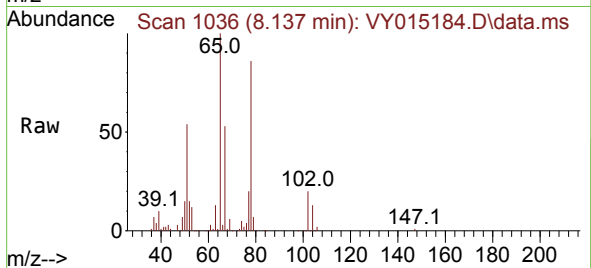
ClientSampleId :

Tgt Ion: 65 Resp: 105358

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

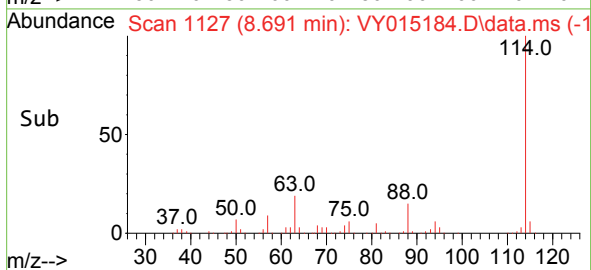
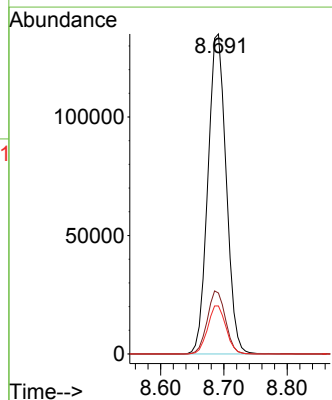
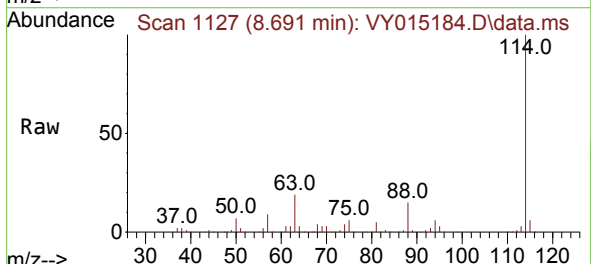
Tgt Ion: 114 Resp: 271430

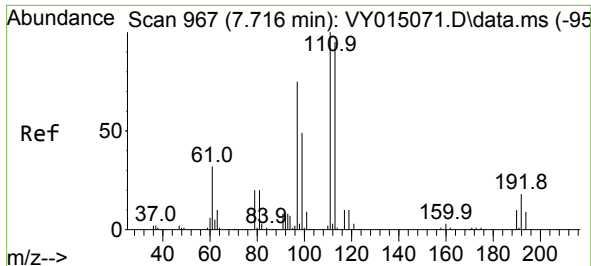
Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.4

88 15.0 0.0 30.6

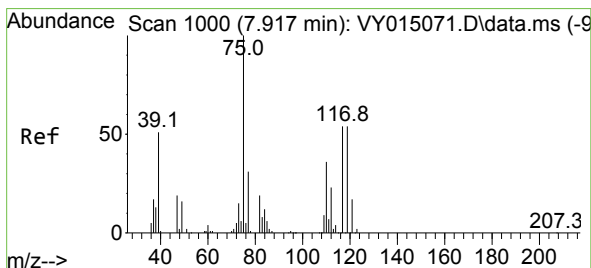
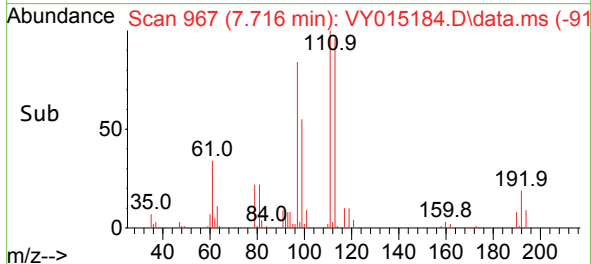
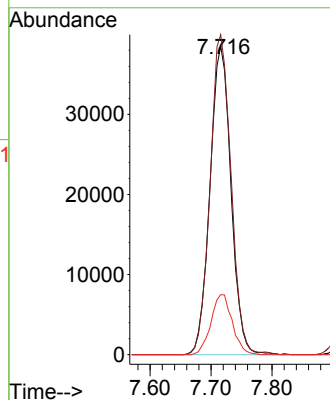
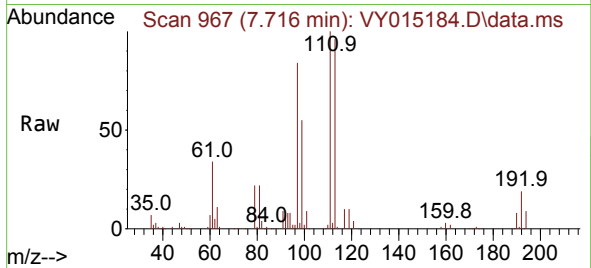




#35
Dibromofluoromethane
Concen: 52.751 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

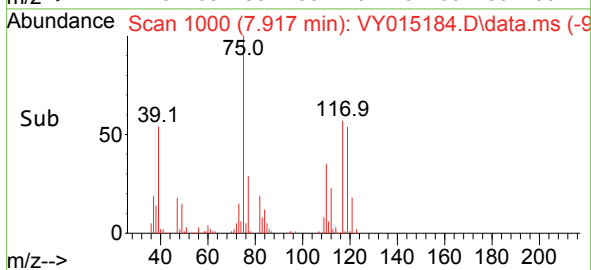
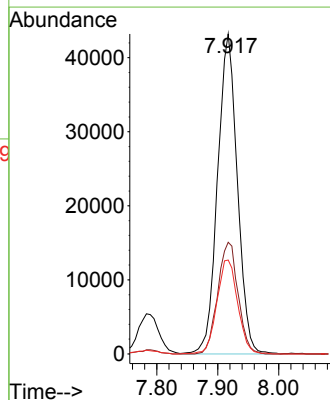
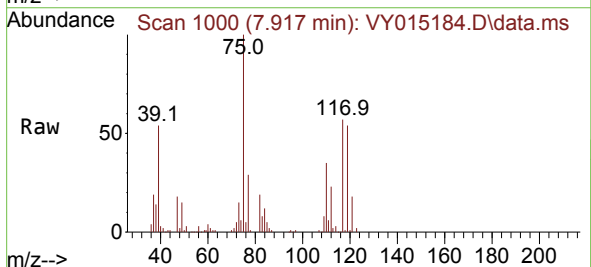
Instrument :
MSVOA_Y
ClientSampleId :

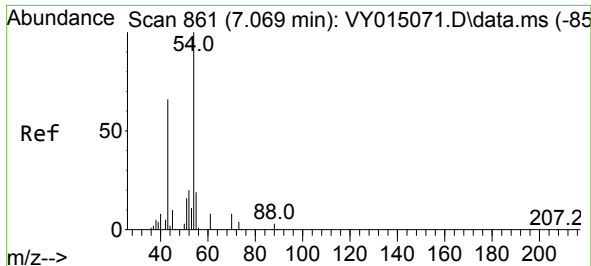
Tgt Ion:113 Resp: 92114
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.468 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 75 Resp: 97496
Ion Ratio Lower Upper
75 100
110 35.8 17.8 53.5
77 30.9 24.4 36.6

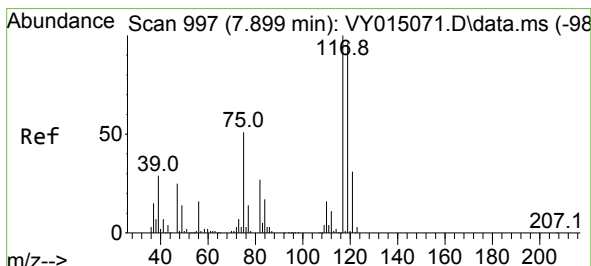
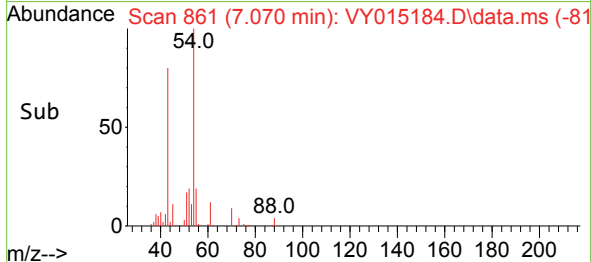
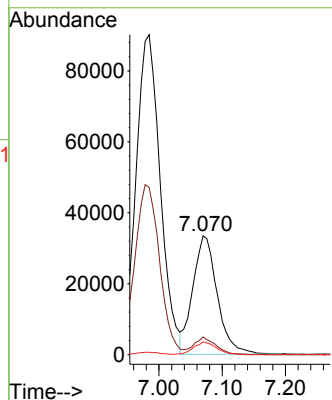
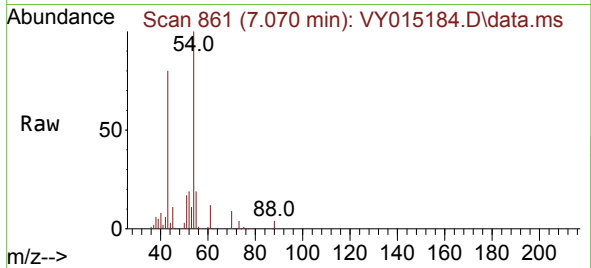




#37
Ethyl Acetate
Concen: 49.937 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

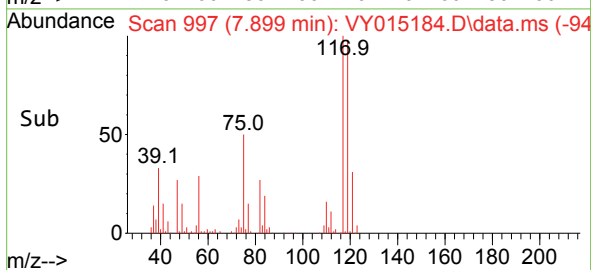
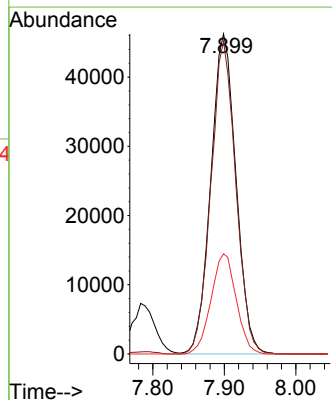
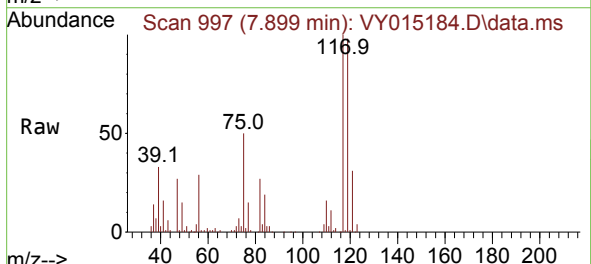
Instrument :
MSVOA_Y
ClientSampleId :

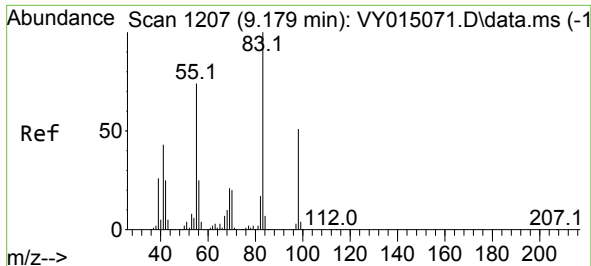
Tgt Ion: 43 Resp: 89922
Ion Ratio Lower Upper
43 100
61 13.3 10.1 15.1
70 10.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.517 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 117 Resp: 113212
Ion Ratio Lower Upper
117 100
119 97.8 76.4 114.6
121 31.3 25.8 38.6





#39

Methylcyclohexane

Concen: 48.733 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

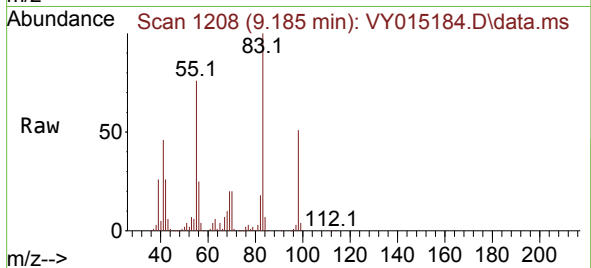
Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :



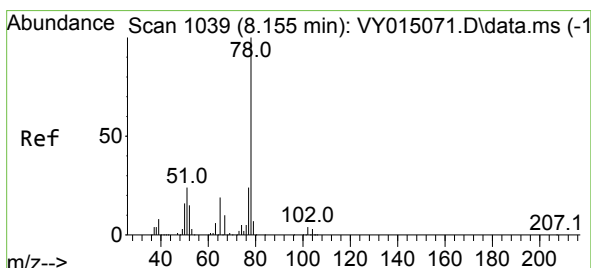
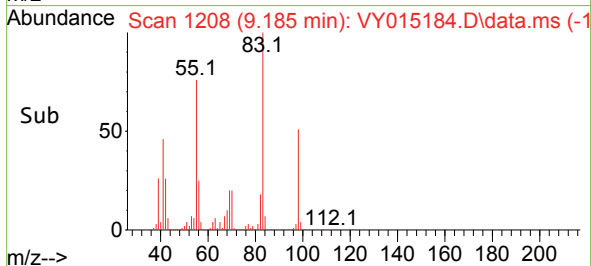
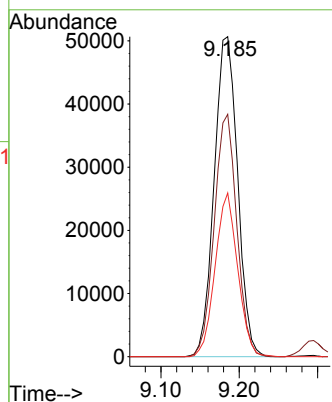
Tgt Ion: 83 Resp: 105540

Ion Ratio Lower Upper

83 100

55 75.8 63.0 94.4

98 51.2 37.4 56.2



#40

Benzene

Concen: 52.189 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY015184.D

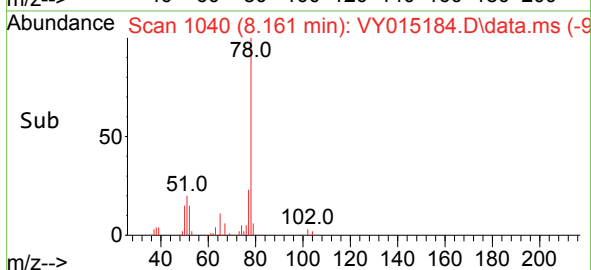
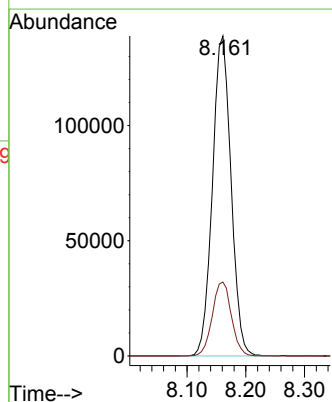
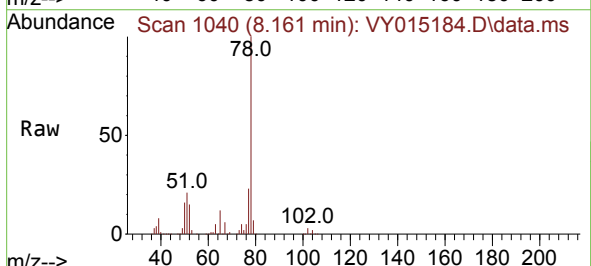
Acq: 18 Aug 2023 09:54

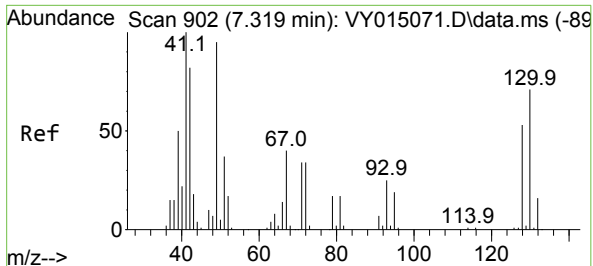
Tgt Ion: 78 Resp: 304822

Ion Ratio Lower Upper

78 100

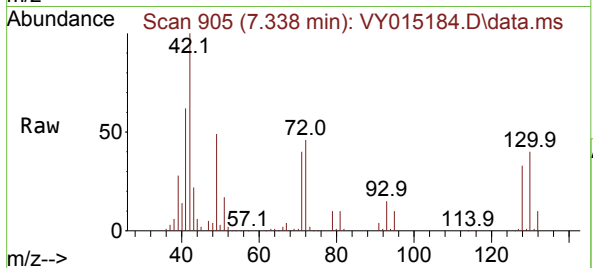
77 23.1 19.0 28.6



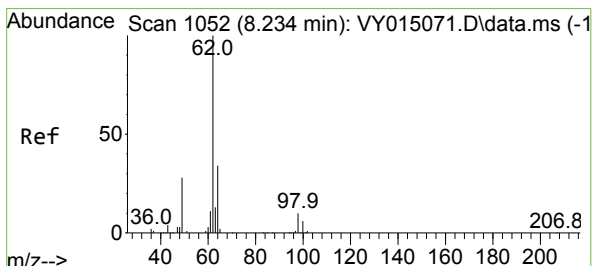
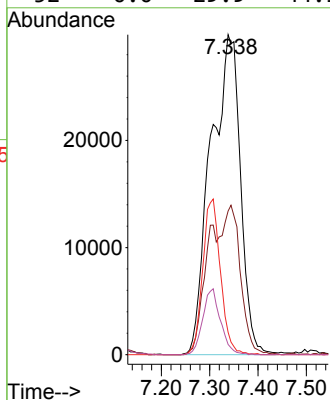
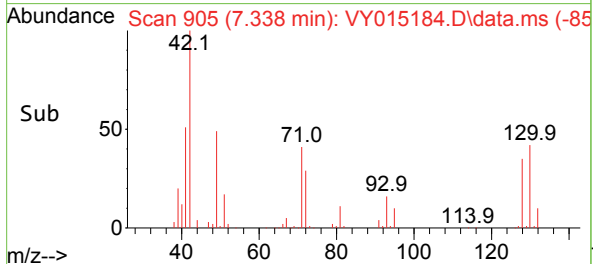


#41
Methacrylonitrile
Concen: 137.010 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.031 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Instrument :
MSVOA_Y
ClientSampleId :

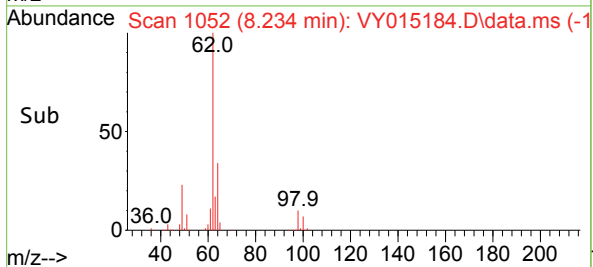
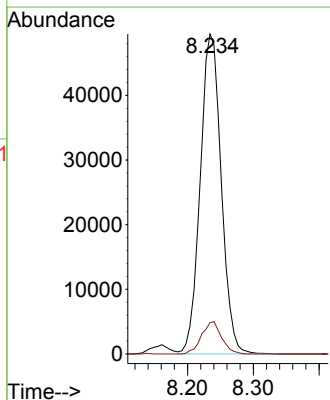
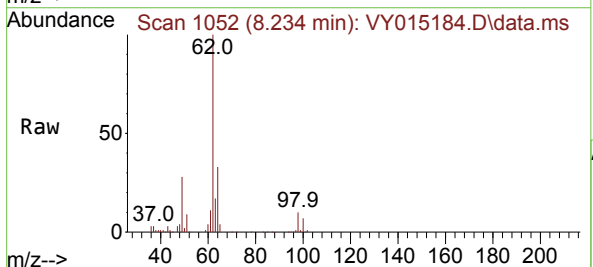


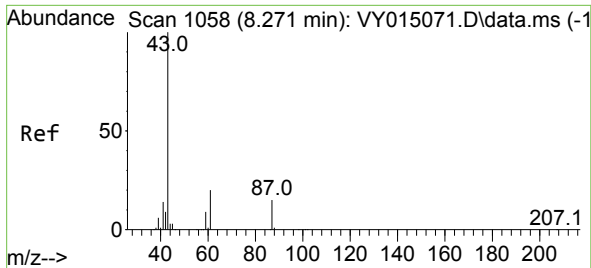
Tgt Ion: 41 Resp: 127220
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.861 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

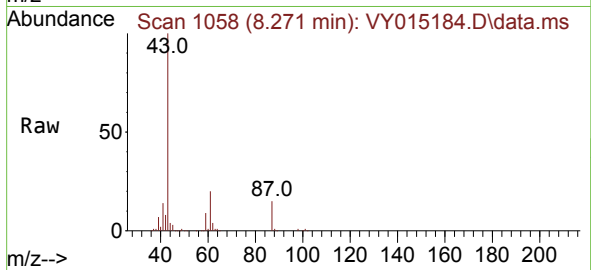
Tgt Ion: 62 Resp: 110007
Ion Ratio Lower Upper
62 100
98 9.6 0.0 15.8



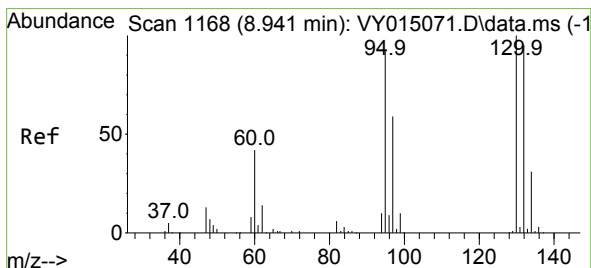
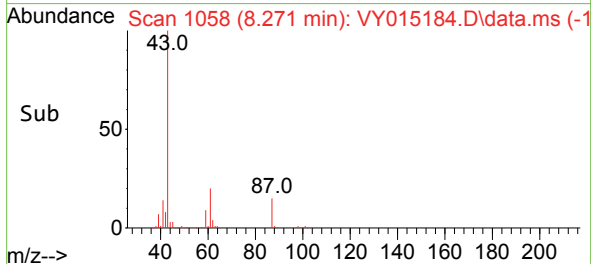
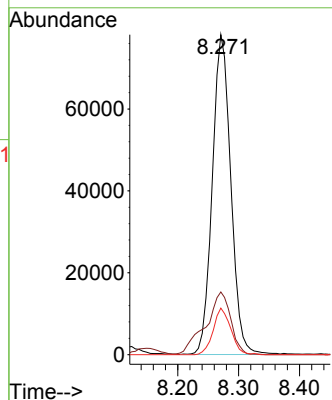


#43
Isopropyl Acetate
Concen: 50.288 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Instrument :
MSVOA_Y
ClientSampleId :

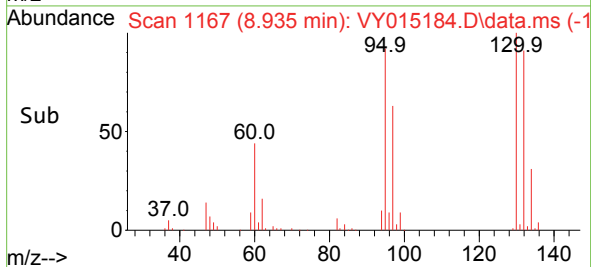
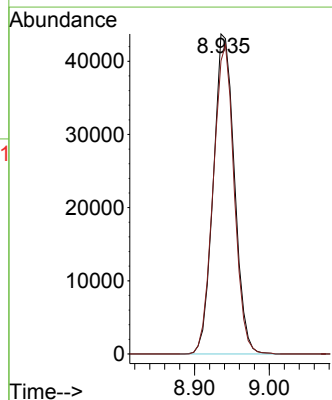
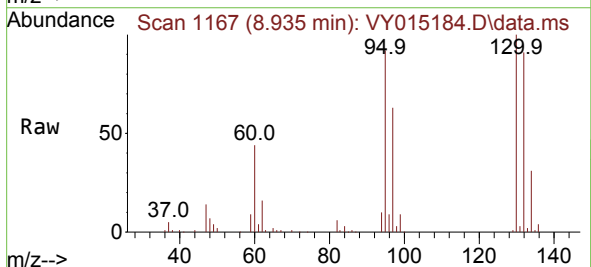


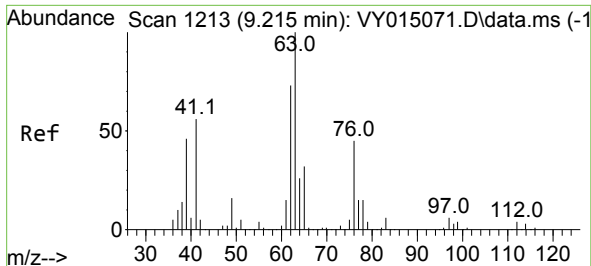
Tgt Ion: 43 Resp: 164906
Ion Ratio Lower Upper
43 100
61 26.6 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 51.059 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion:130 Resp: 85916
Ion Ratio Lower Upper
130 100
95 91.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 52.322 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

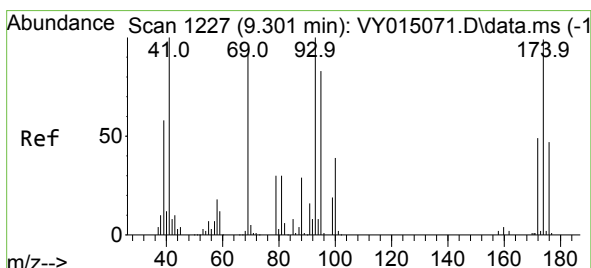
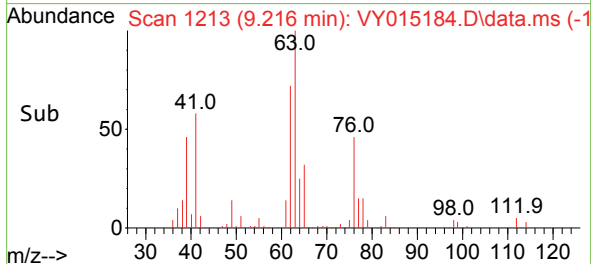
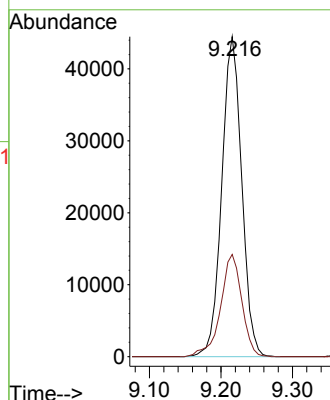
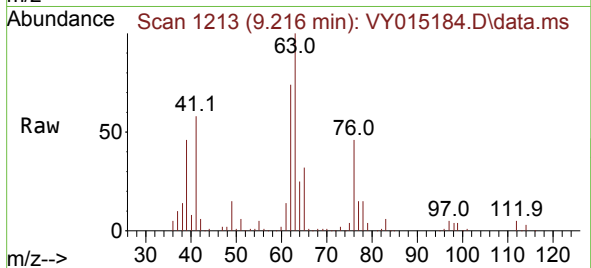
ClientSampleId :

Tgt Ion: 63 Resp: 86173

Ion Ratio Lower Upper

63 100

65 31.9 23.8 35.6



#46

Dibromomethane

Concen: 52.454 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

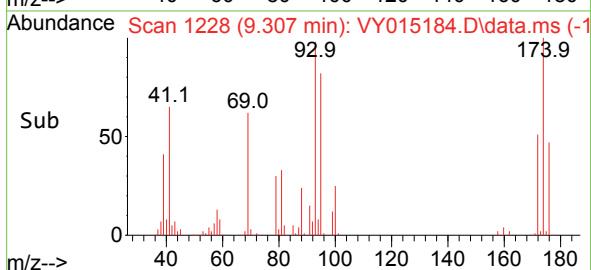
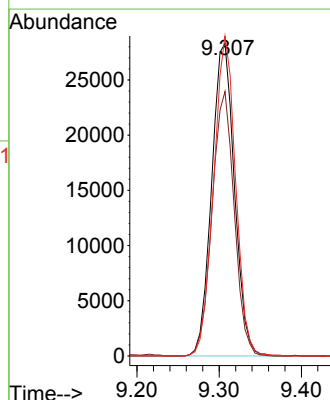
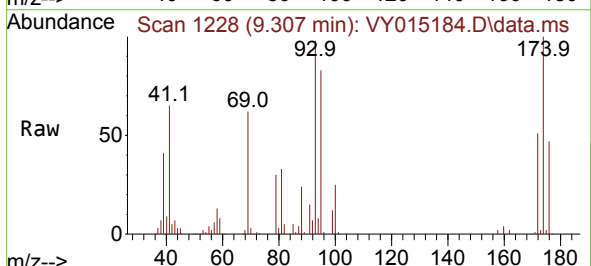
Tgt Ion: 93 Resp: 54487

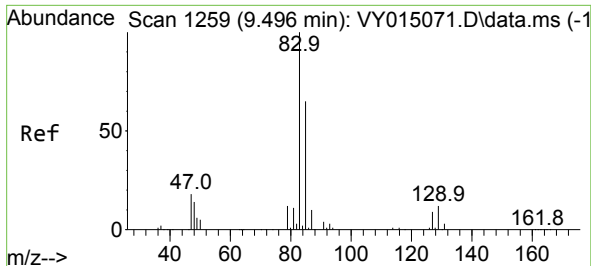
Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

174 98.7 84.8 127.2





#47

Bromodichloromethane

Concen: 53.833 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

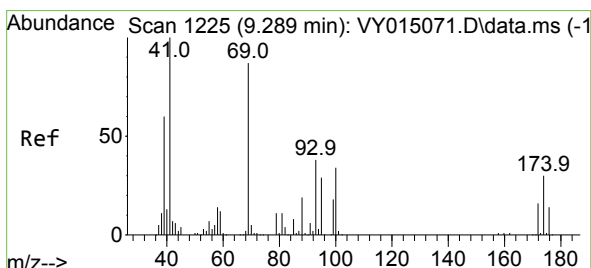
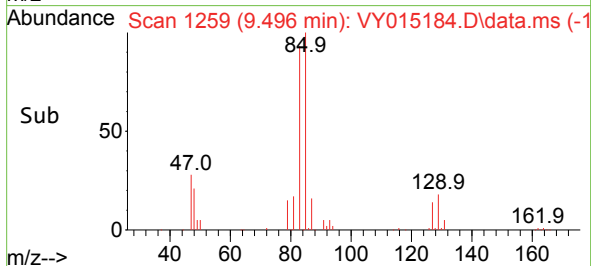
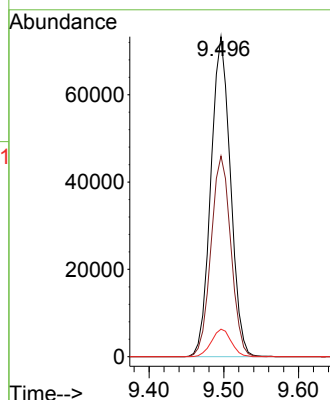
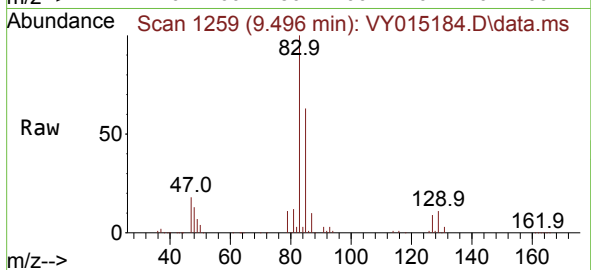
Tgt Ion: 83 Resp: 133440

Ion Ratio Lower Upper

83 100

85 62.7 50.1 75.1

127 8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 51.290 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

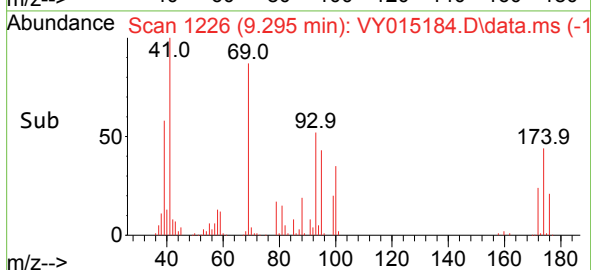
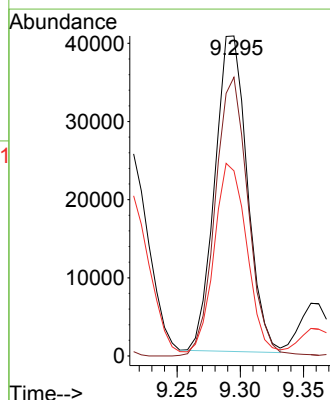
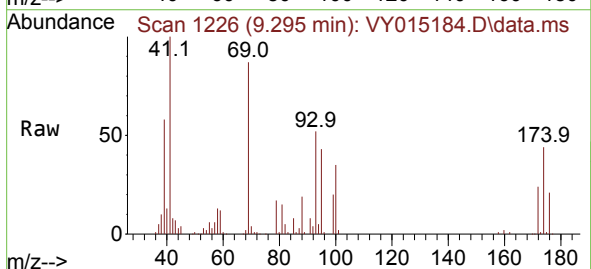
Tgt Ion: 41 Resp: 71949

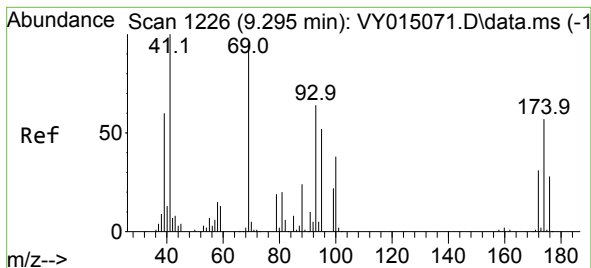
Ion Ratio Lower Upper

41 100

69 89.6 64.5 96.7

39 62.1 50.8 76.2





#49

1,4-Dioxane

Concen: 953.317 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

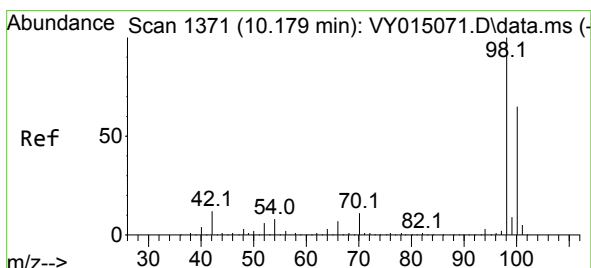
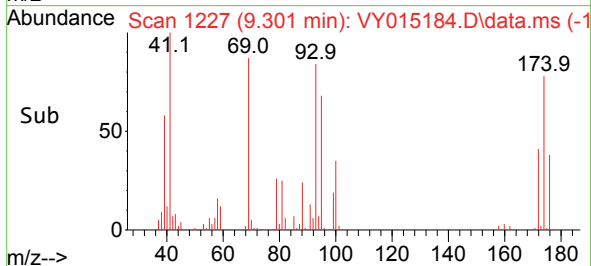
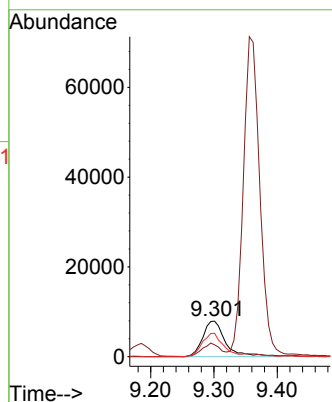
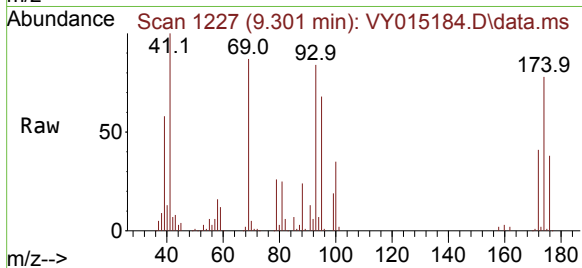
Tgt Ion: 88 Resp: 19802

Ion Ratio Lower Upper

88 100

43 30.6 0.0 0.0#

58 61.2 30.9 46.3#



#50

Toluene-d8

Concen: 51.816 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015184.D

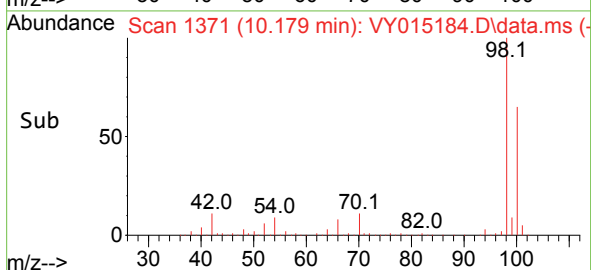
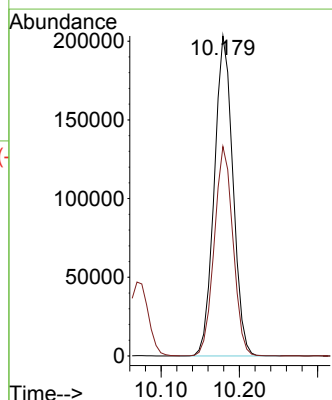
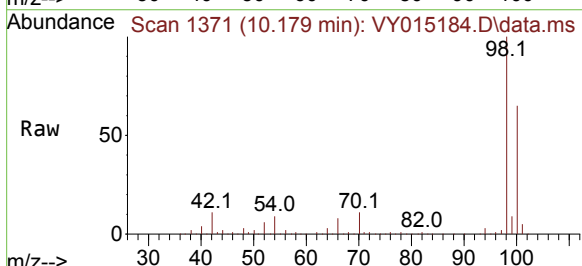
Acq: 18 Aug 2023 09:54

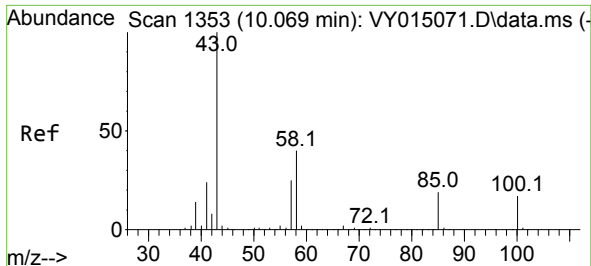
Tgt Ion: 98 Resp: 336826

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1

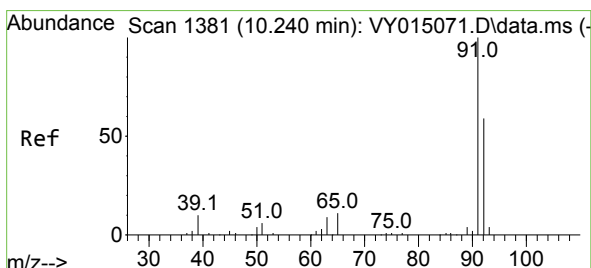
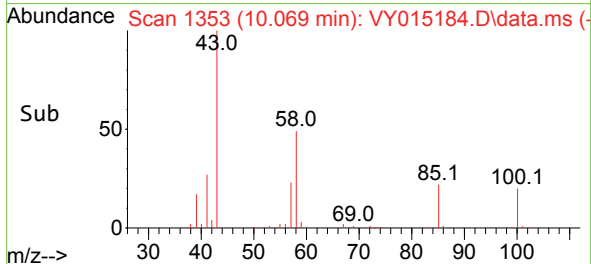
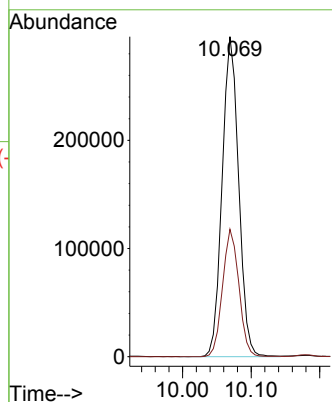
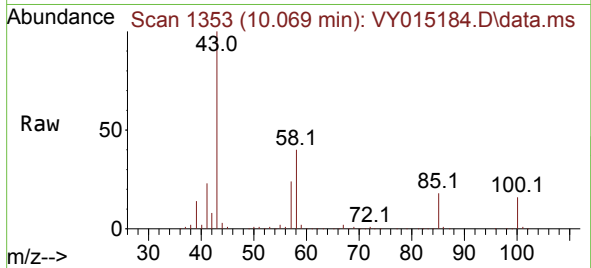




#51
4-Methyl-2-Pentanone
Concen: 259.403 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

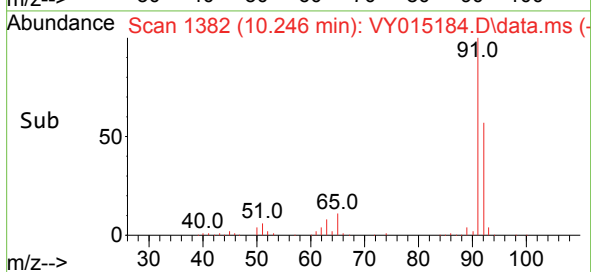
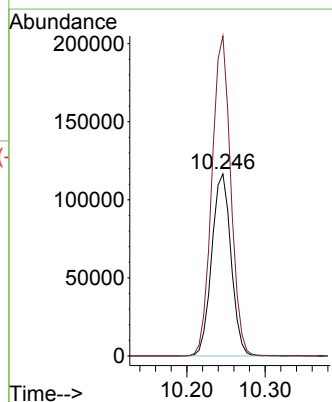
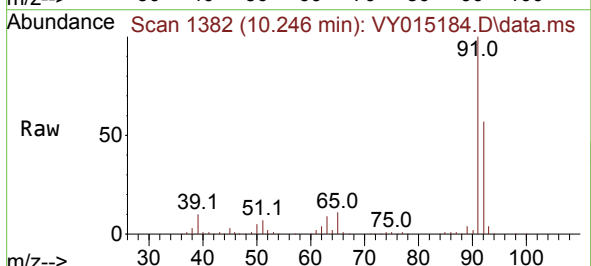
Instrument :
MSVOA_Y
ClientSampleId :

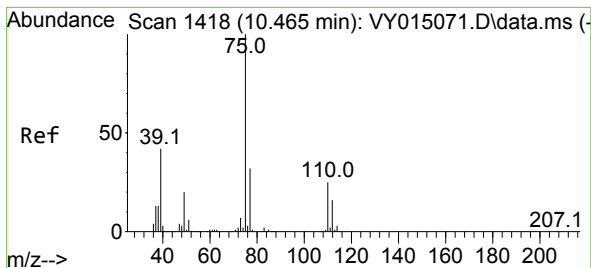
Tgt Ion: 43 Resp: 492996
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 51.698 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 92 Resp: 199019
Ion Ratio Lower Upper
92 100
91 172.4 143.8 215.6

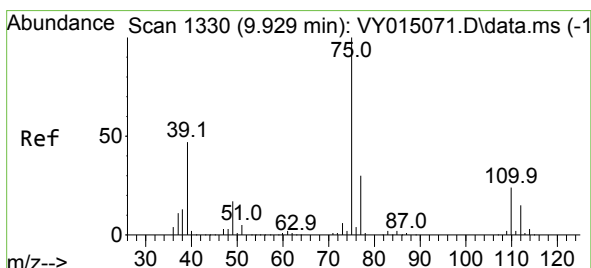
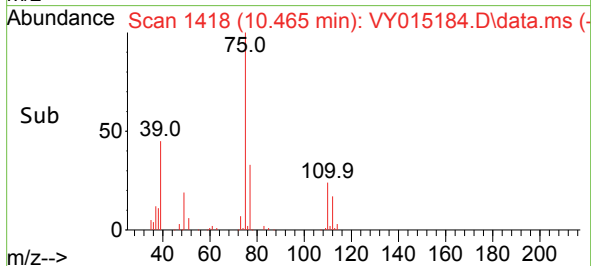
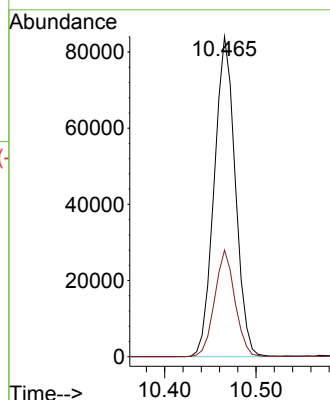
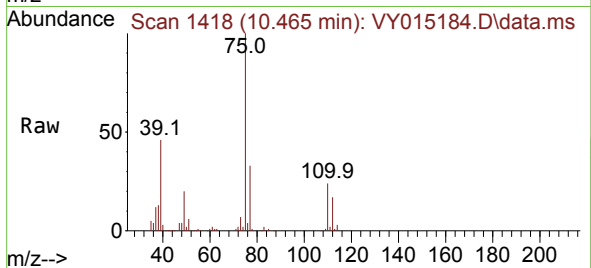




#53
t-1,3-Dichloropropene
Concen: 51.661 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

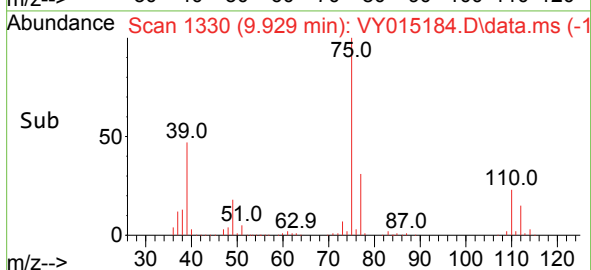
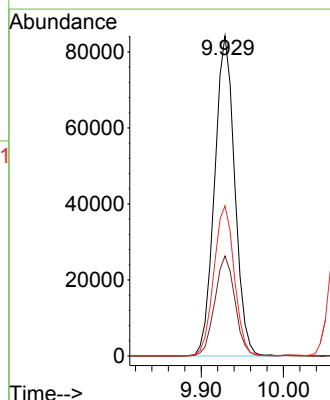
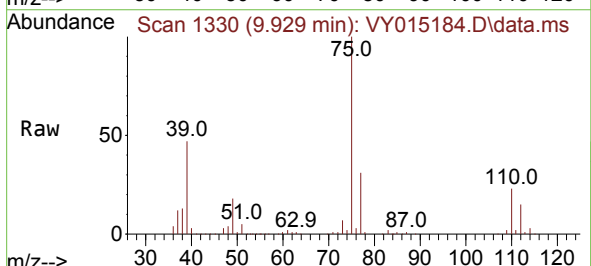
Instrument :
MSVOA_Y
ClientSampleId :

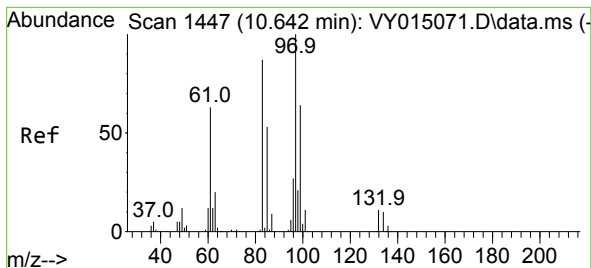
Tgt Ion: 75 Resp: 134578
Ion Ratio Lower Upper
75 100
77 33.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 52.238 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 75 Resp: 143316
Ion Ratio Lower Upper
75 100
77 31.2 24.2 36.4
39 46.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 52.385 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 82739

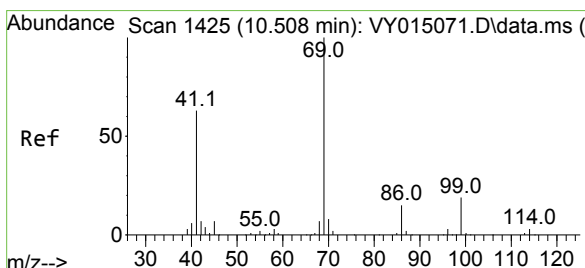
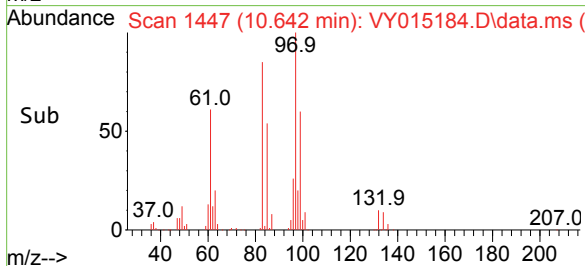
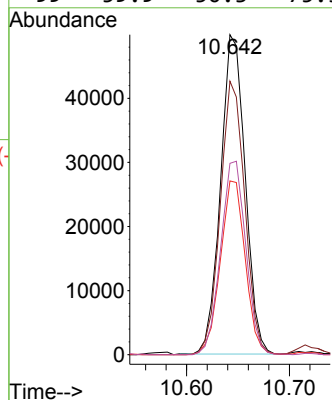
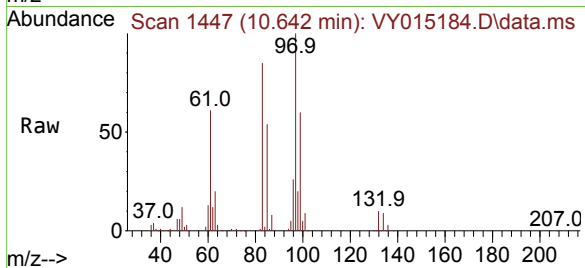
Ion Ratio Lower Upper

97 100

83 85.6 72.0 108.0

85 54.4 45.4 68.0

99 59.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 51.972 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

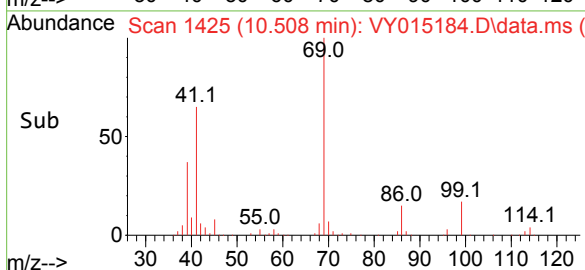
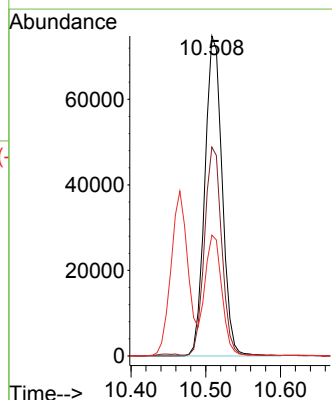
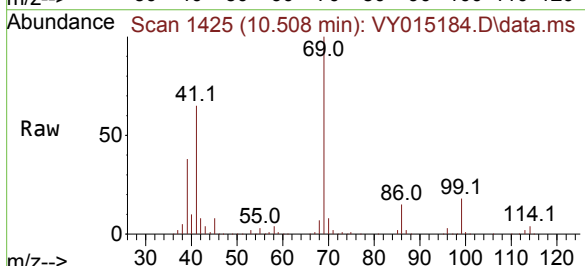
Tgt Ion: 69 Resp: 120134

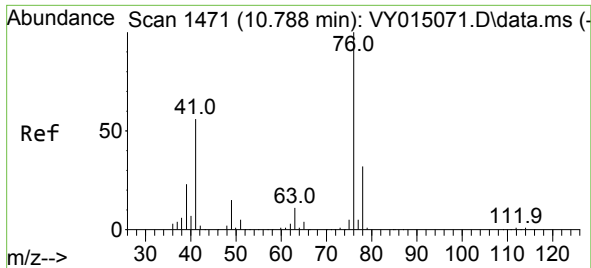
Ion Ratio Lower Upper

69 100

41 64.7 57.6 86.4

39 36.3 34.1 51.1

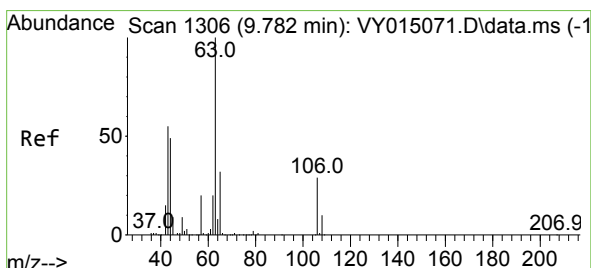
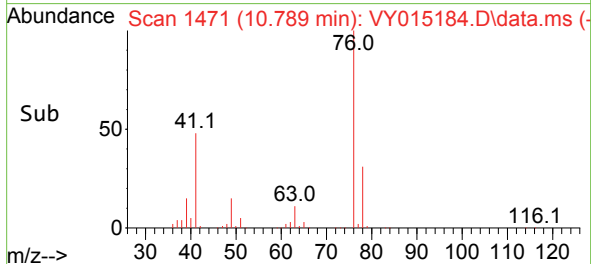
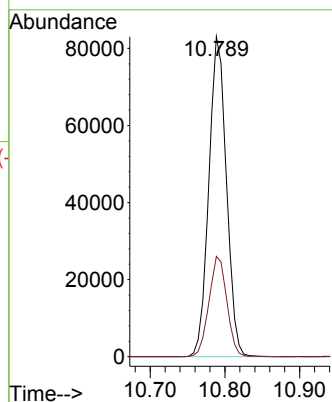
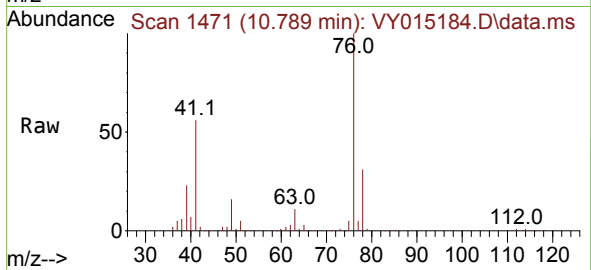




#57
1,3-Dichloropropane
Concen: 52.548 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

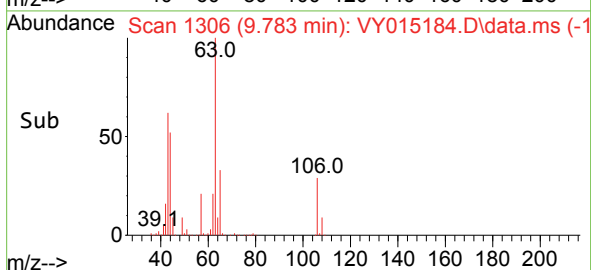
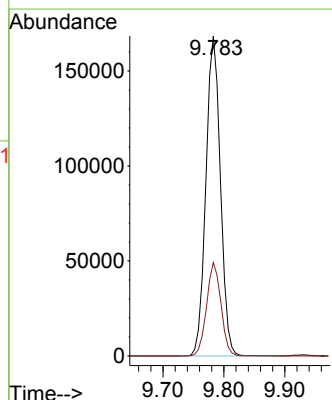
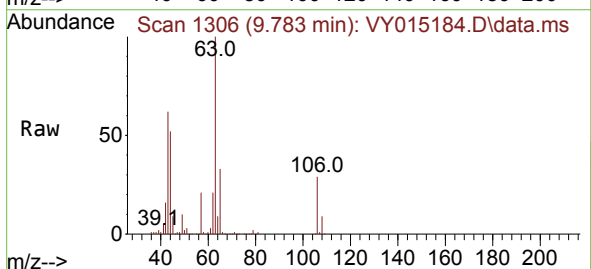
Instrument :
MSVOA_Y
ClientSampleId :

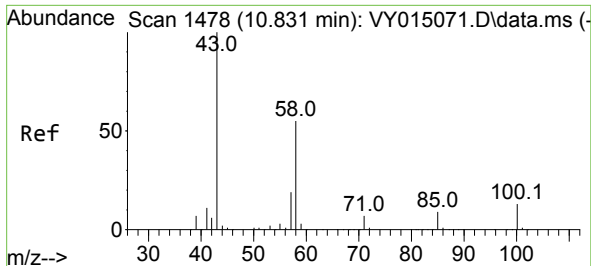
Tgt Ion: 76 Resp: 135599
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 259.016 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 63 Resp: 278630
Ion Ratio Lower Upper
63 100
106 28.8 21.2 31.8

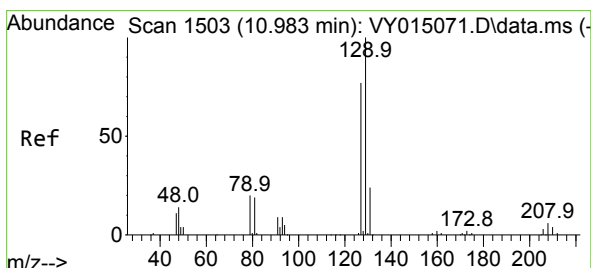
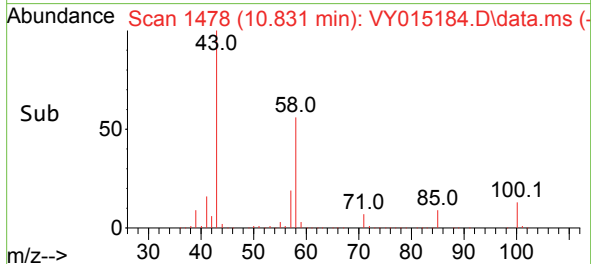
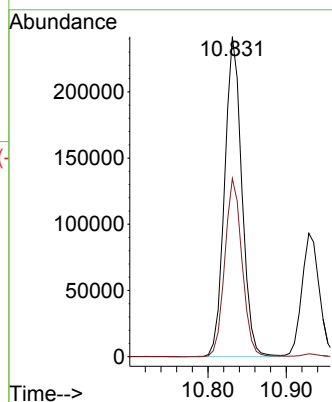
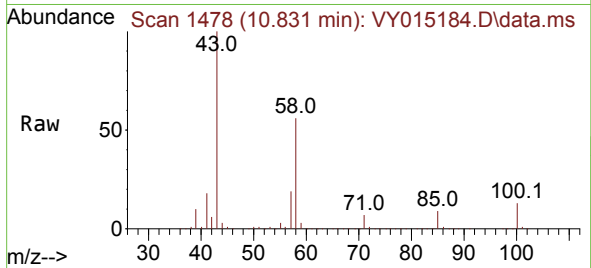




#59
2-Hexanone
Concen: 262.718 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

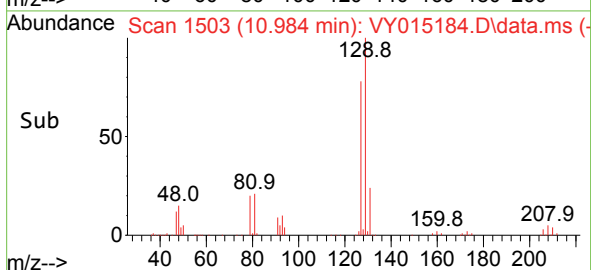
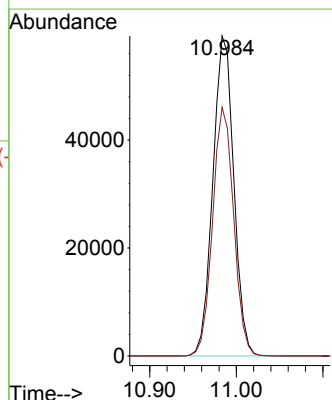
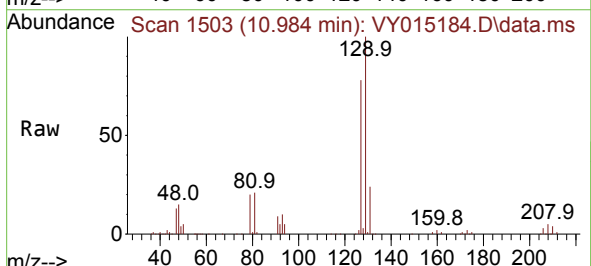
Instrument :
MSVOA_Y
ClientSampleId :

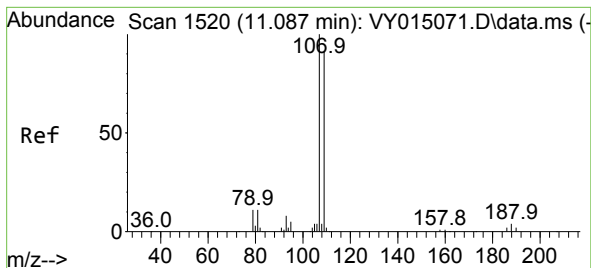
Tgt Ion: 43 Resp: 369533
Ion Ratio Lower Upper
43 100
58 55.7 25.1 75.3



#60
Dibromochloromethane
Concen: 52.787 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 129 Resp: 99454
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5

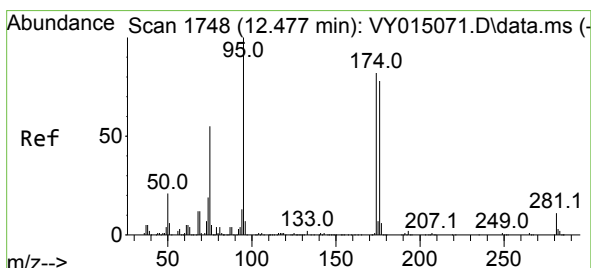
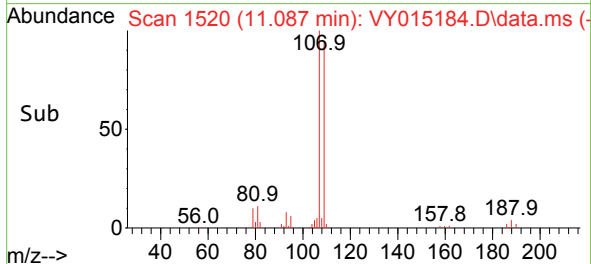
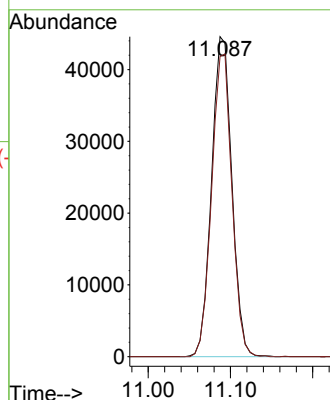
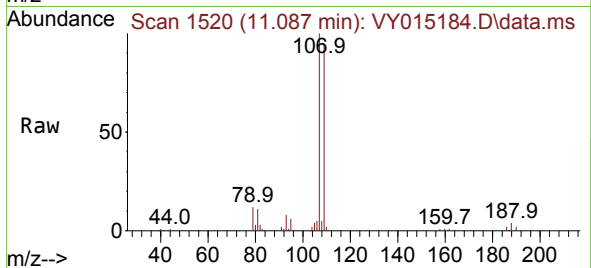




#61
1,2-Dibromoethane
Concen: 50.964 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

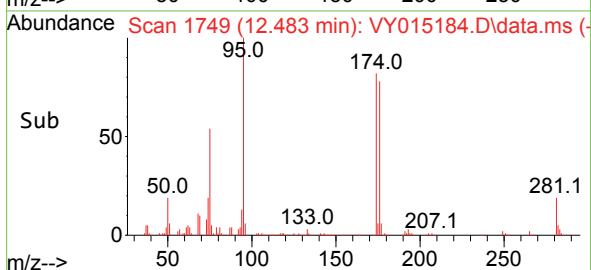
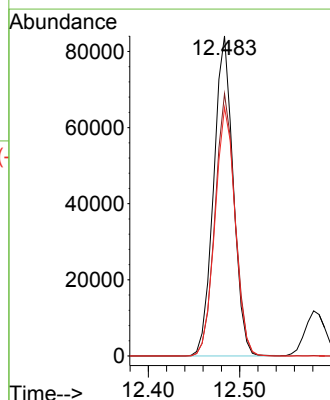
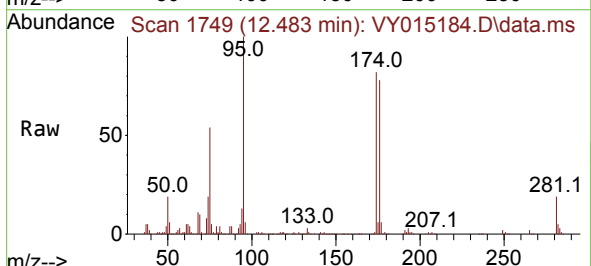
Instrument :
MSVOA_Y
ClientSampleId :

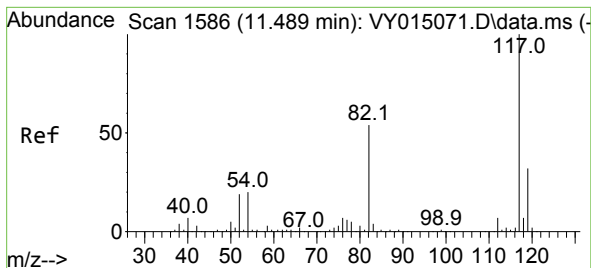
Tgt Ion:107 Resp: 76468
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.530 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 95 Resp: 124719
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 80.5 0.0 173.8

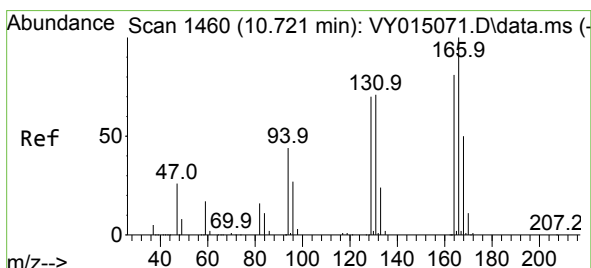
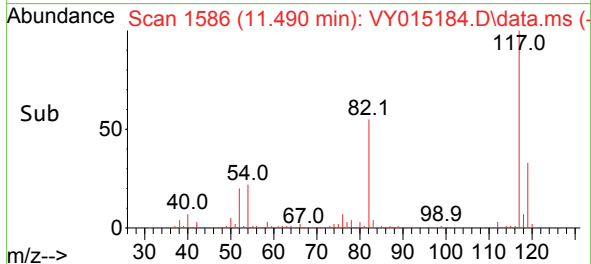
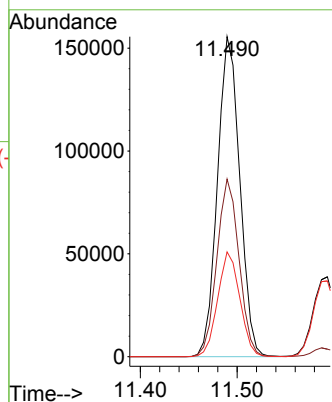
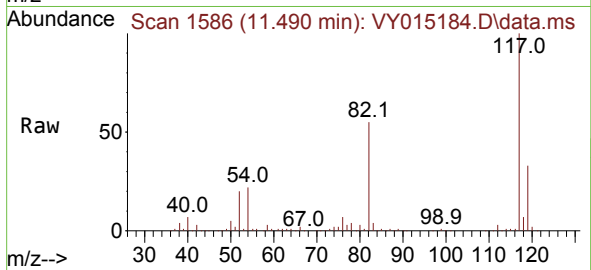




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

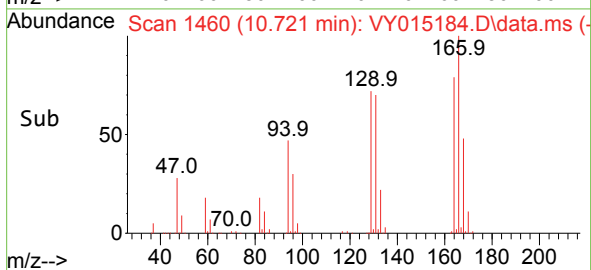
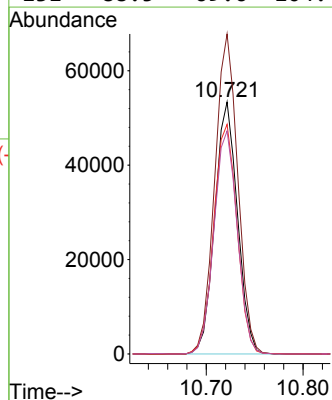
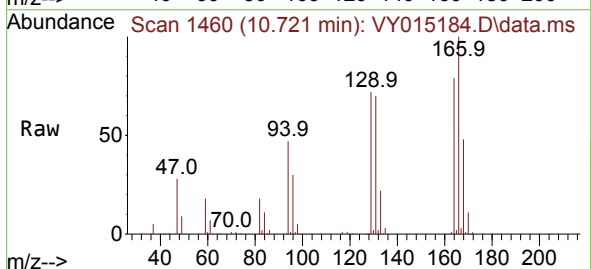
Instrument :
MSVOA_Y
ClientSampleId :

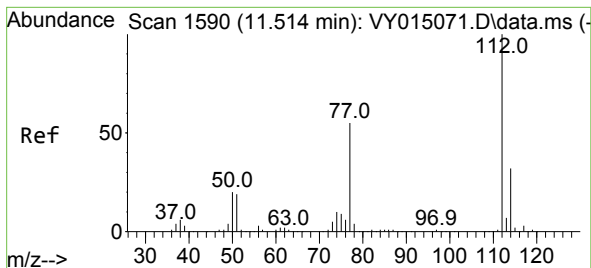
Tgt Ion:117 Resp: 249263
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.8 26.3 39.5



#64
Tetrachloroethene
Concen: 50.054 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion:164 Resp: 86924
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 91.1 77.2 115.8
131 88.5 69.6 104.4





#65

Chlorobenzene

Concen: 51.122 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

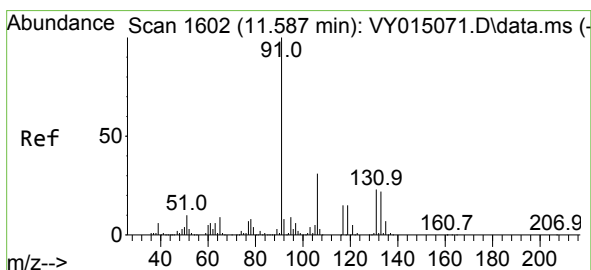
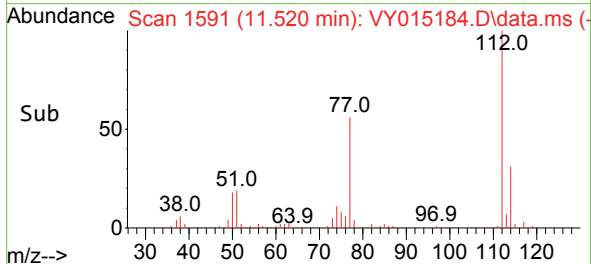
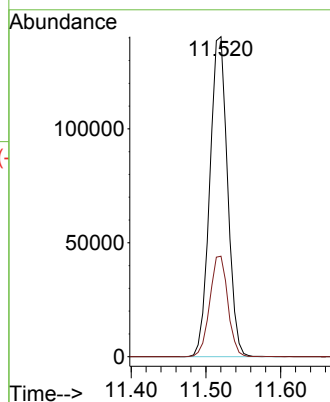
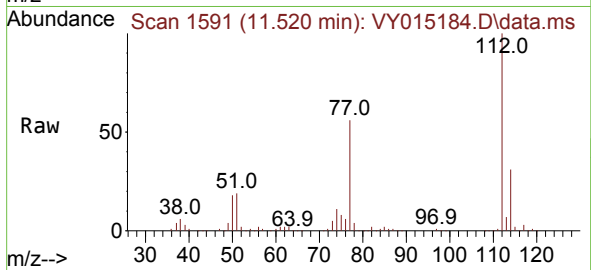
ClientSampleId :

Tgt Ion:112 Resp: 232179

Ion Ratio Lower Upper

112 100

114 31.4 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.176 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

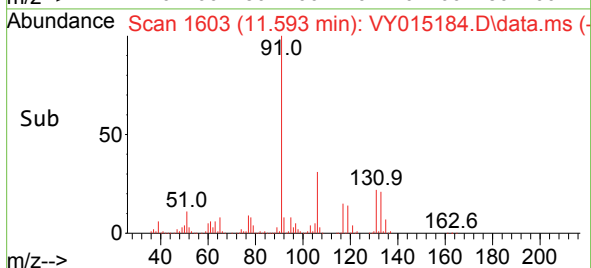
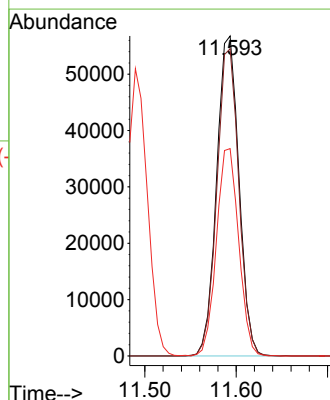
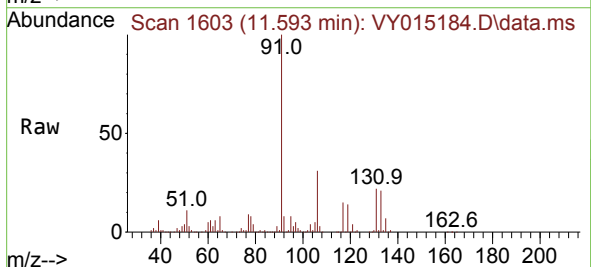
Tgt Ion:131 Resp: 96149

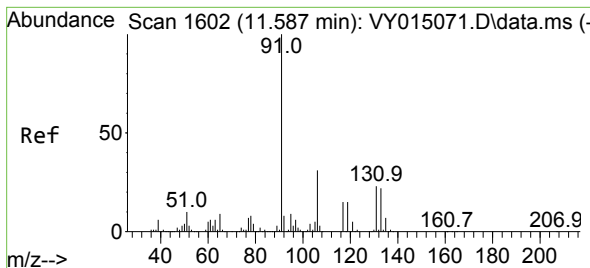
Ion Ratio Lower Upper

131 100

133 94.8 47.5 142.6

119 64.8 31.6 94.7





#67

Ethyl Benzene

Concen: 50.528 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

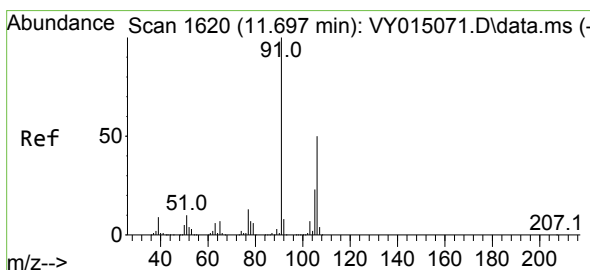
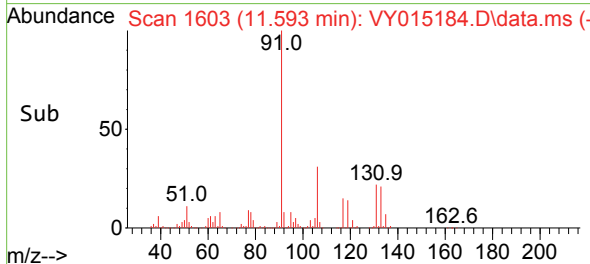
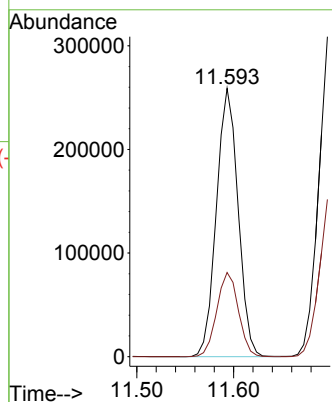
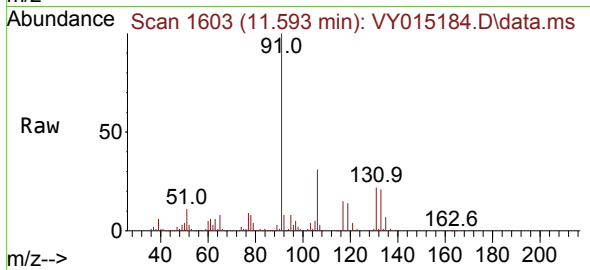
ClientSampleId :

Tgt Ion: 91 Resp: 402068

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 100.755 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015184.D

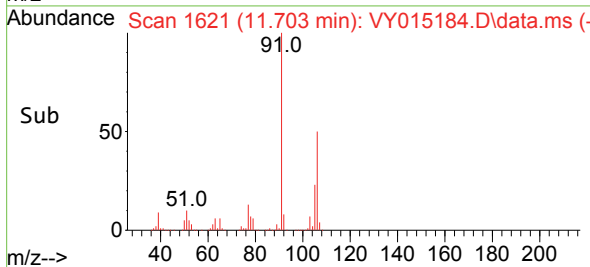
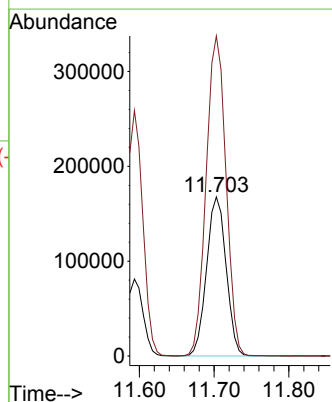
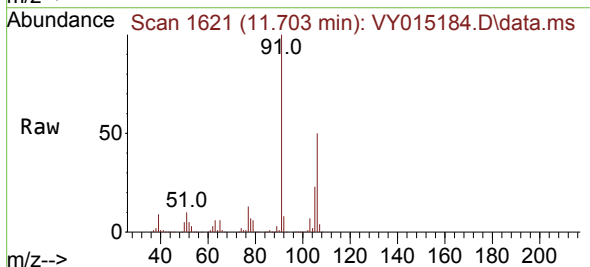
Acq: 18 Aug 2023 09:54

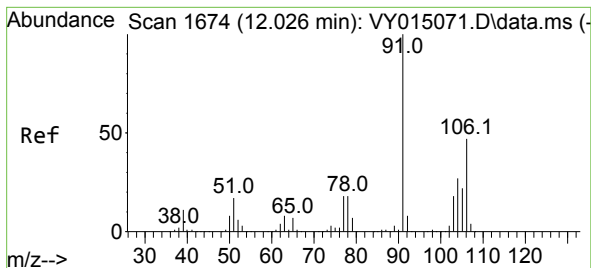
Tgt Ion: 106 Resp: 304504

Ion Ratio Lower Upper

106 100

91 204.0 166.1 249.1





#69

o-Xylene

Concen: 51.398 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

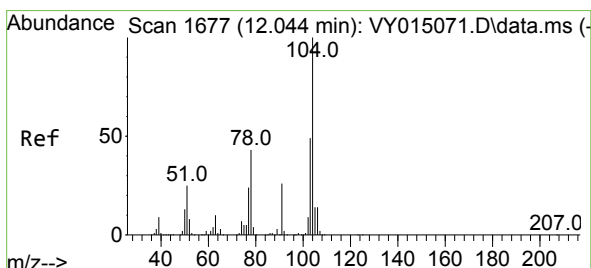
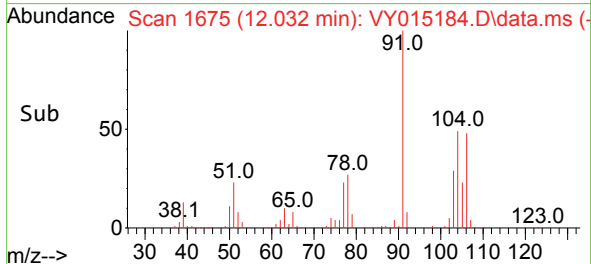
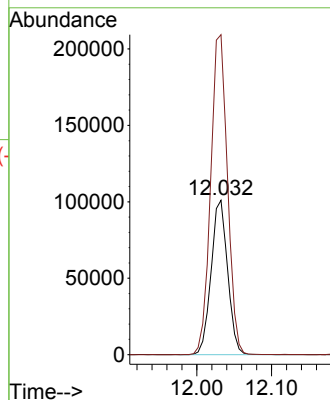
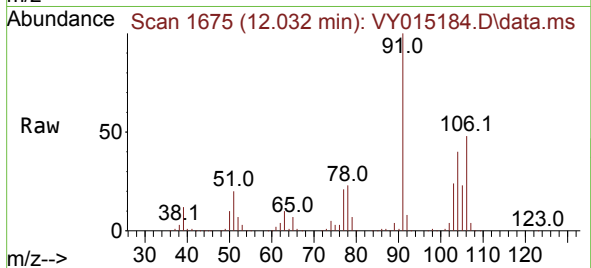
ClientSampleId :

Tgt Ion:106 Resp: 154744

Ion Ratio Lower Upper

106 100

91 211.5 108.1 324.3



#70

Styrene

Concen: 52.100 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

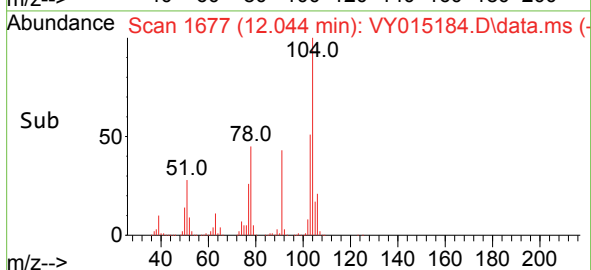
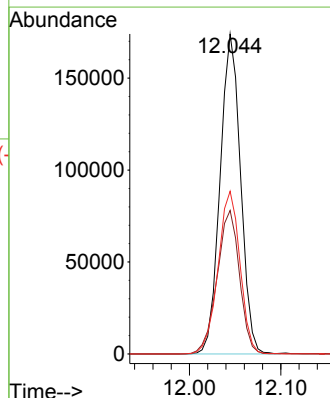
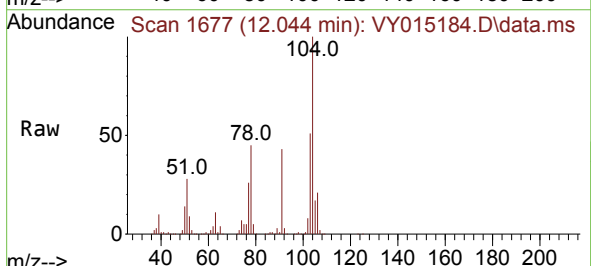
Tgt Ion:104 Resp: 271483

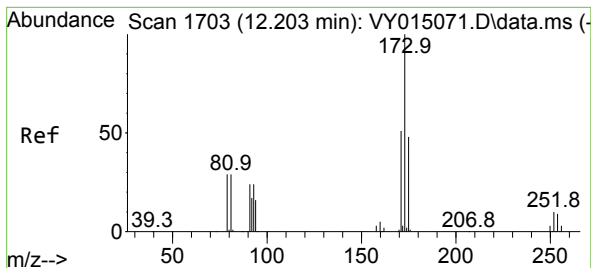
Ion Ratio Lower Upper

104 100

78 49.1 41.5 62.3

103 54.5 44.6 67.0





#71

Bromoform

Concen: 50.410 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

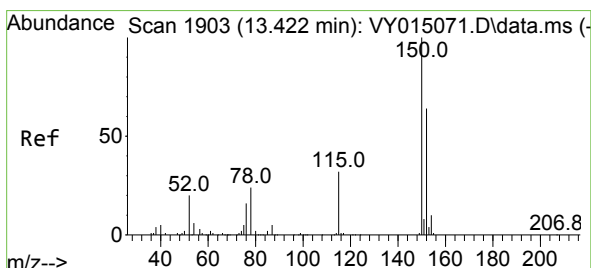
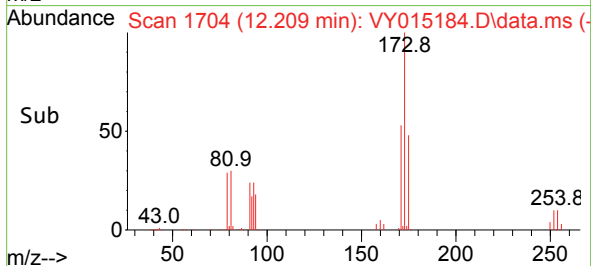
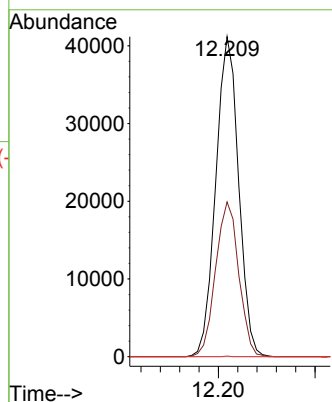
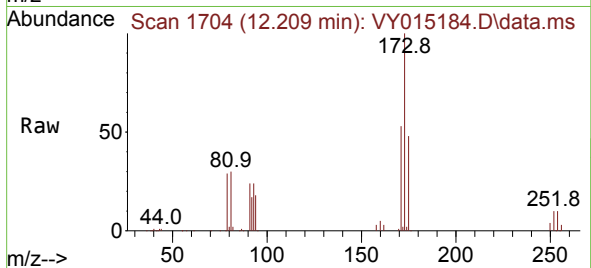
Tgt Ion:173 Resp: 67340

Ion Ratio Lower Upper

173 100

175 49.0 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

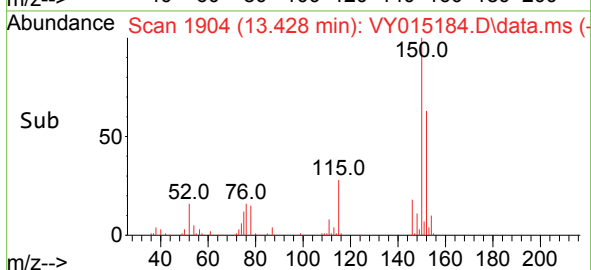
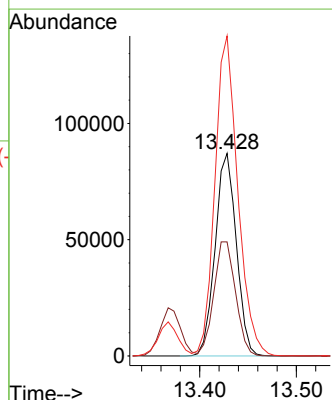
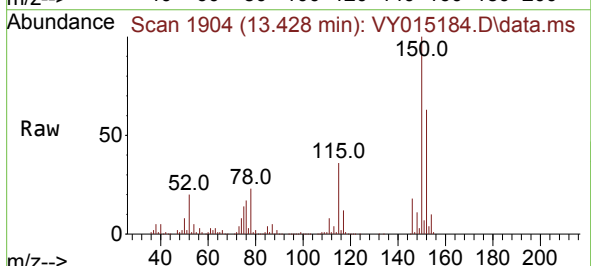
Tgt Ion:152 Resp: 132157

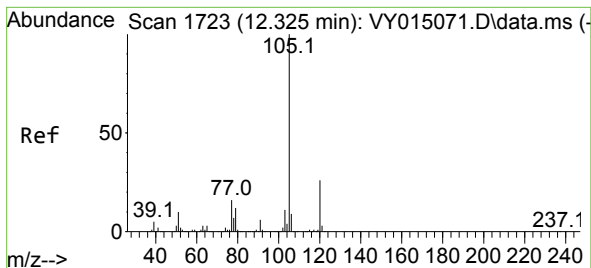
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 170.9 0.0 348.8





#73

Isopropylbenzene

Concen: 49.260 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

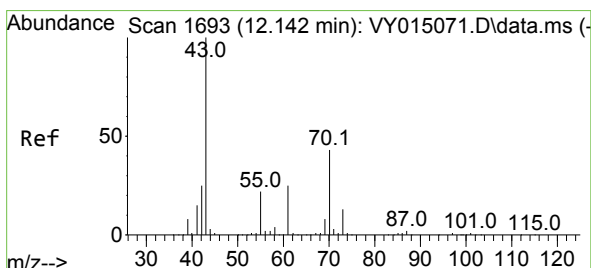
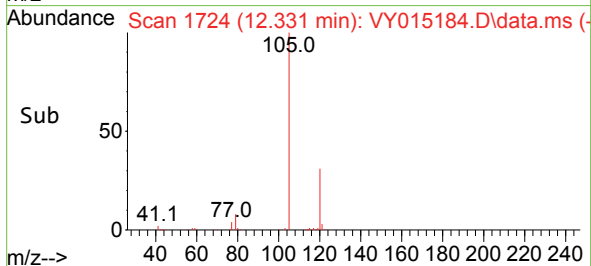
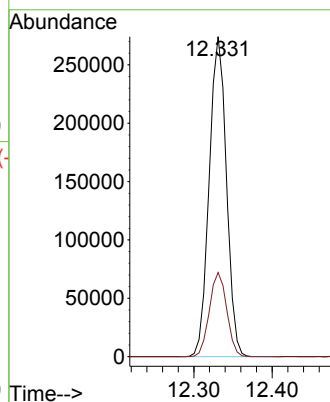
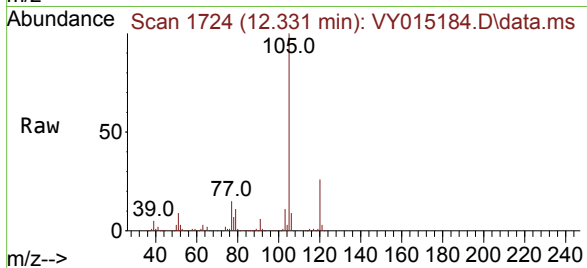
ClientSampleId :

Tgt Ion:105 Resp: 418621

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 49.968 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Tgt Ion: 43 Resp: 153314

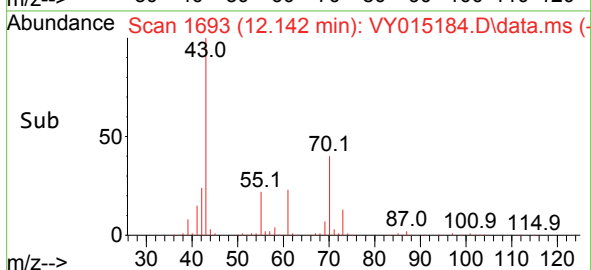
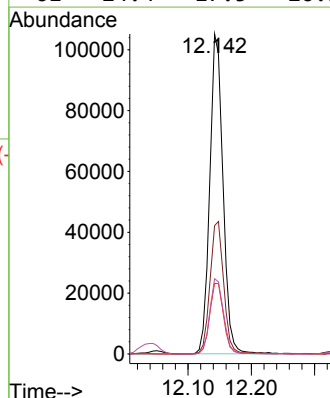
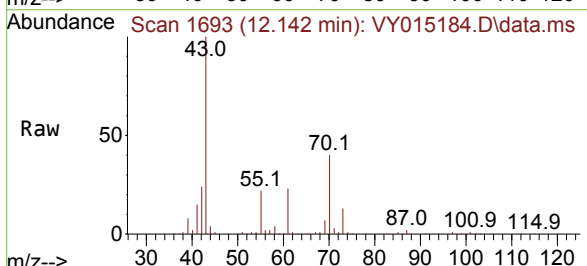
Ion Ratio Lower Upper

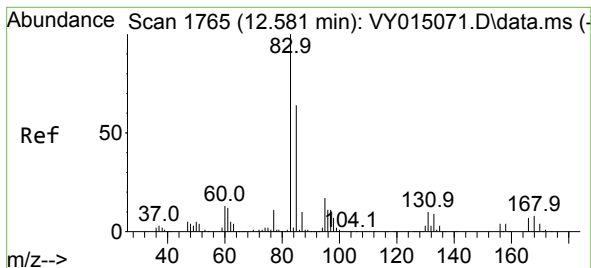
43 100

70 42.7 29.7 44.5

55 23.2 18.3 27.5

61 24.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.420 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

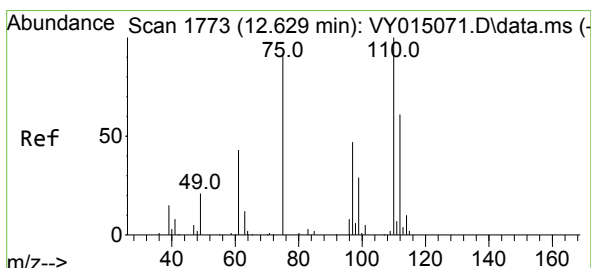
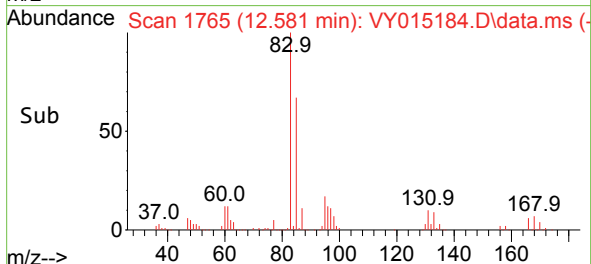
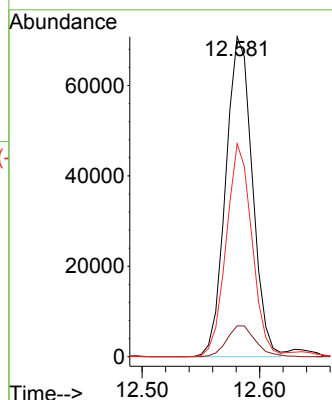
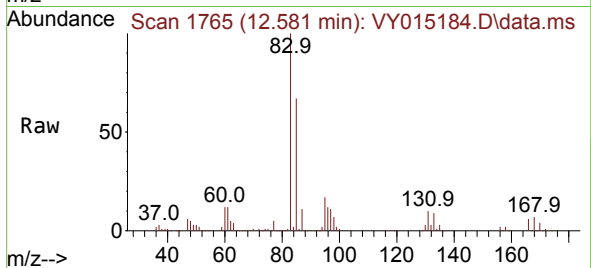
Tgt Ion: 83 Resp: 111594

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.180 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015184.D

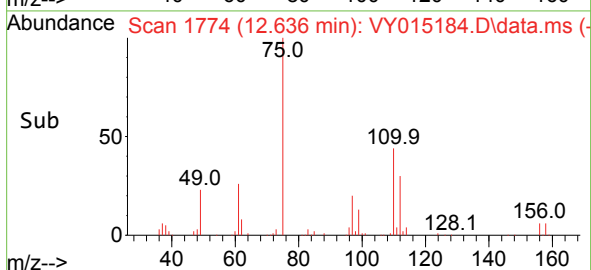
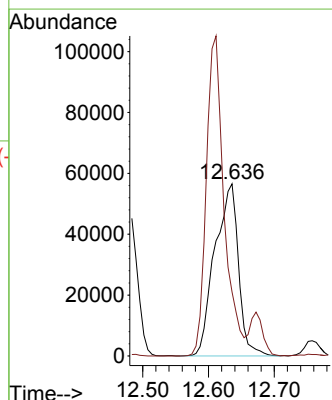
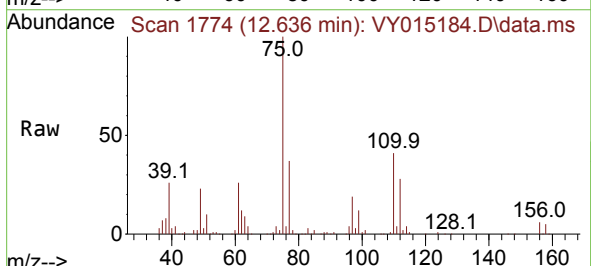
Acq: 18 Aug 2023 09:54

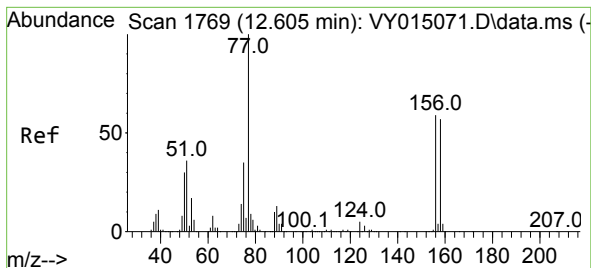
Tgt Ion: 75 Resp: 141582

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.936 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

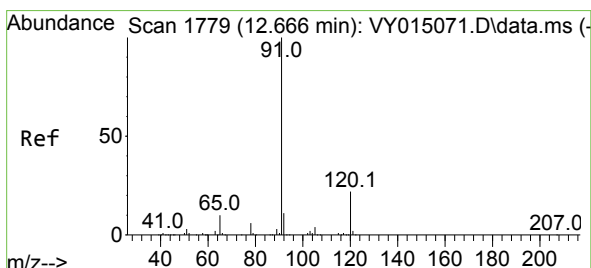
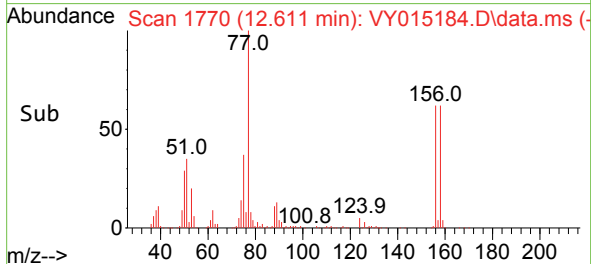
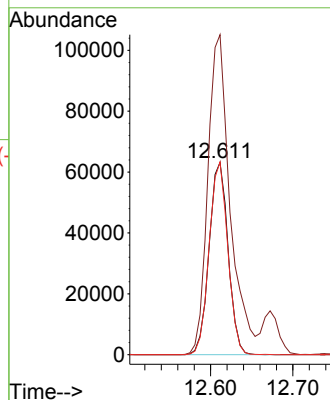
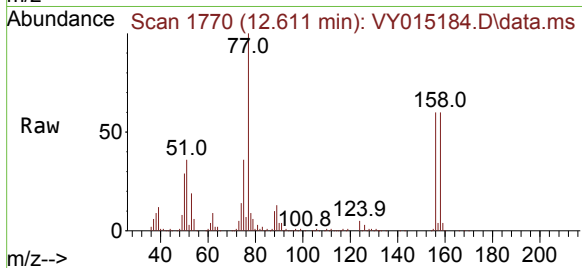
Tgt Ion:156 Resp: 101368

Ion Ratio Lower Upper

156 100

77 194.7 92.8 278.6

158 98.6 48.4 145.3



#78

n-propylbenzene

Concen: 50.002 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015184.D

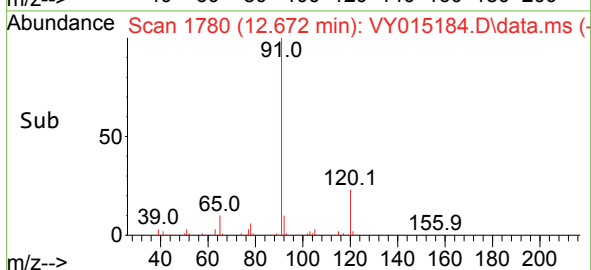
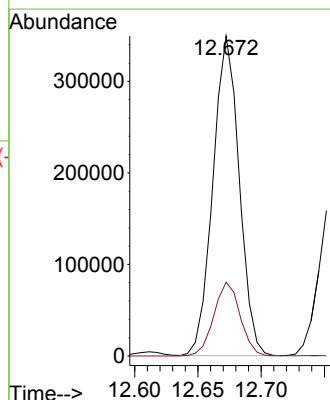
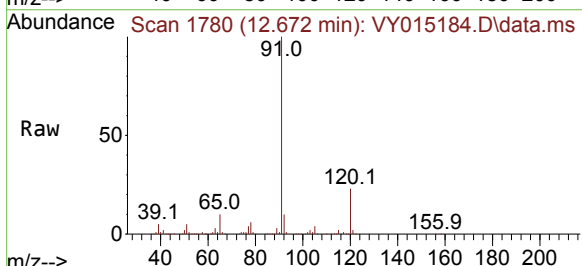
Acq: 18 Aug 2023 09:54

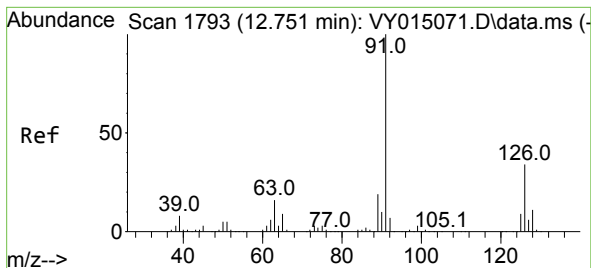
Tgt Ion: 91 Resp: 504592

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.622 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

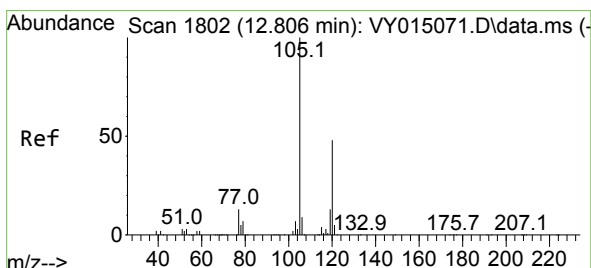
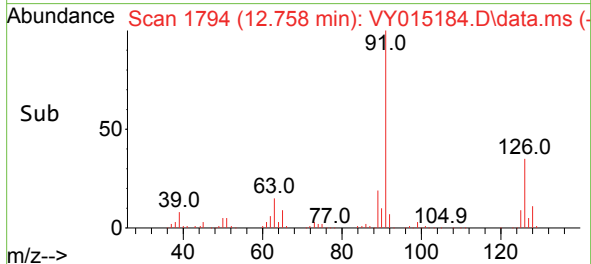
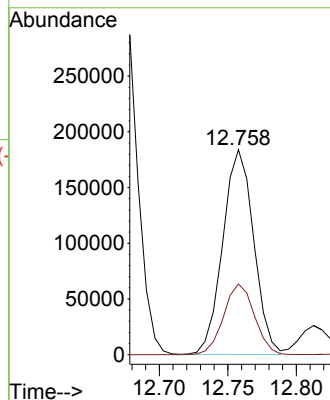
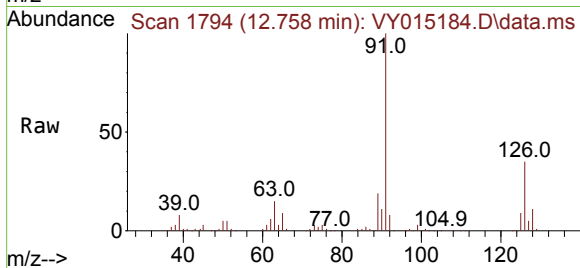
ClientSampleId :

Tgt Ion: 91 Resp: 288874

Ion Ratio Lower Upper

91 100

126 34.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 49.517 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015184.D

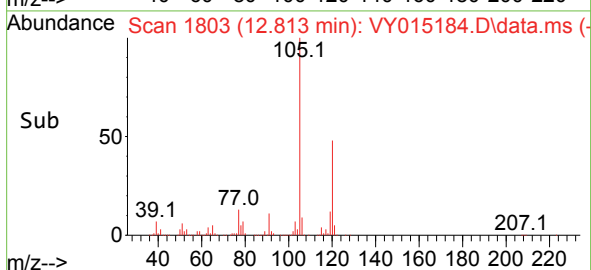
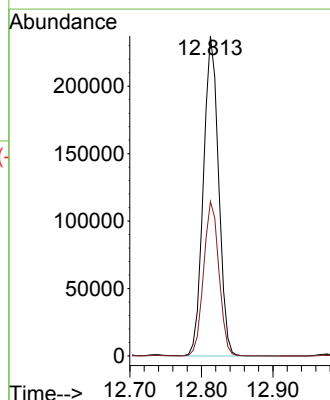
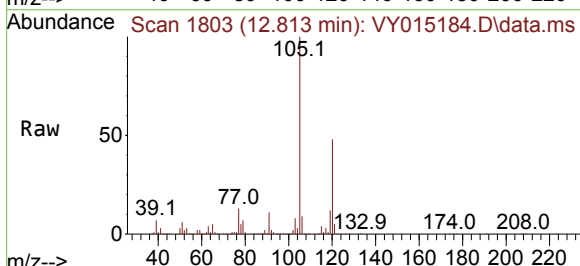
Acq: 18 Aug 2023 09:54

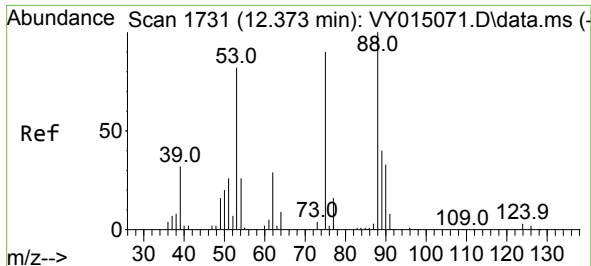
Tgt Ion: 105 Resp: 350768

Ion Ratio Lower Upper

105 100

120 48.7 23.9 71.7

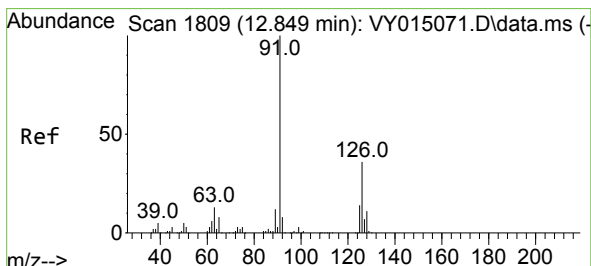
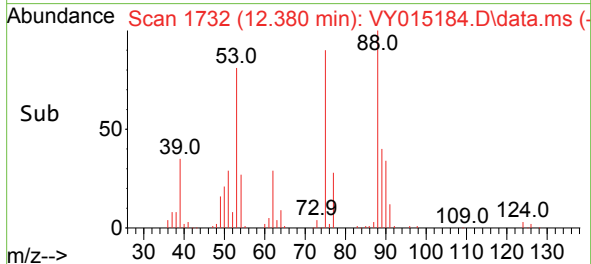
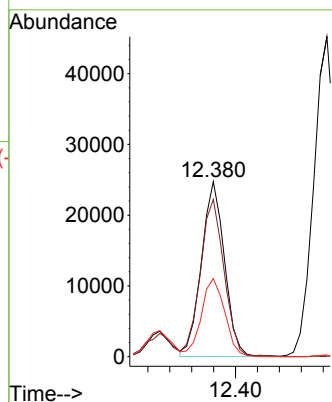
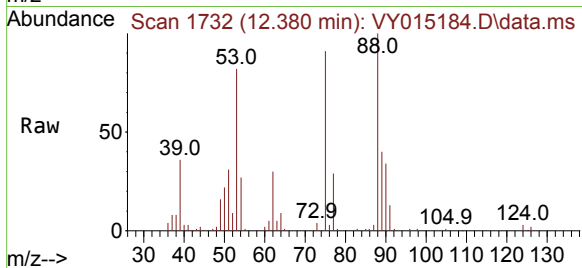




#81
trans-1,4-Dichloro-2-butene
Concen: 49.483 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

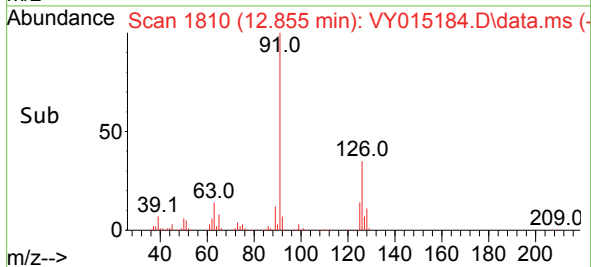
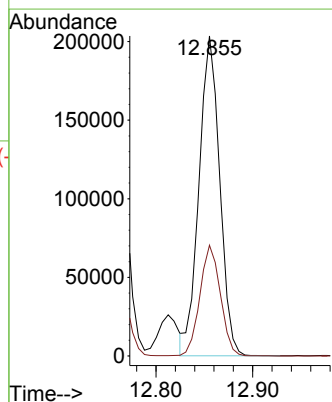
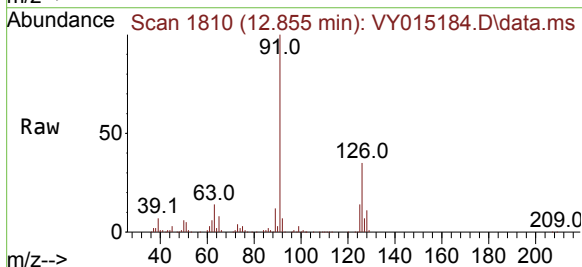
Instrument :
MSVOA_Y
ClientSampleId :

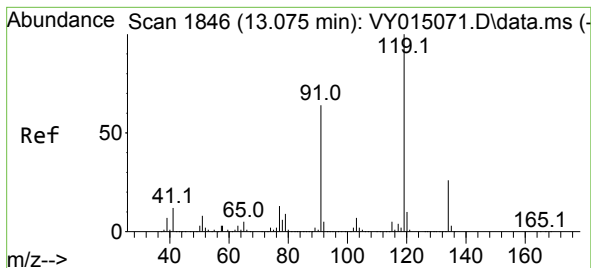
Tgt Ion: 75 Resp: 36172
Ion Ratio Lower Upper
75 100
53 92.9 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.339 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion: 91 Resp: 302756
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6

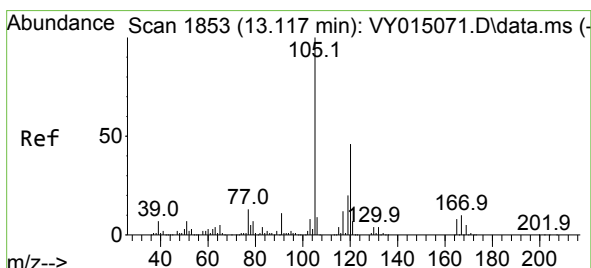
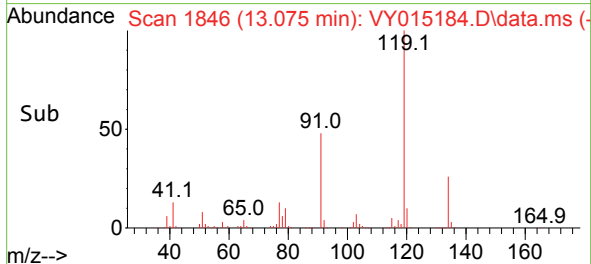
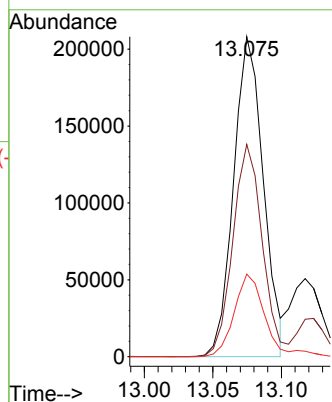
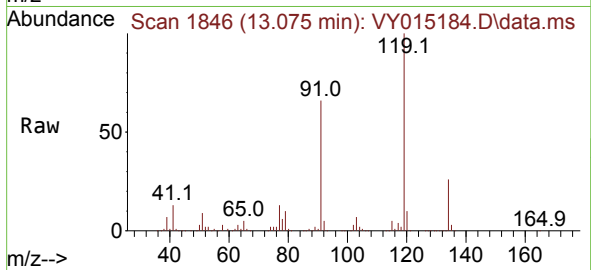




#83
tert-Butylbenzene
Concen: 48.565 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

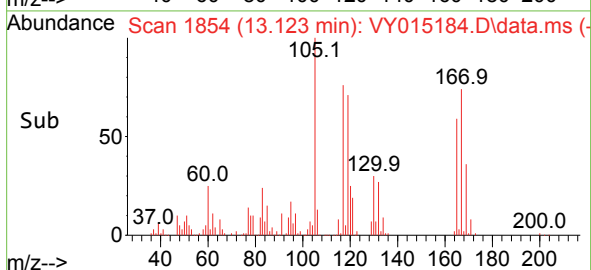
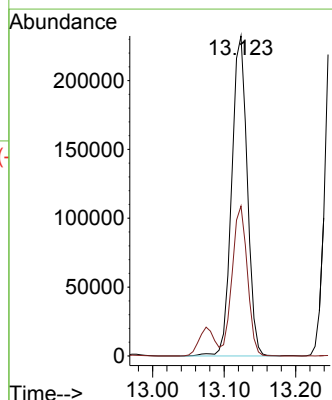
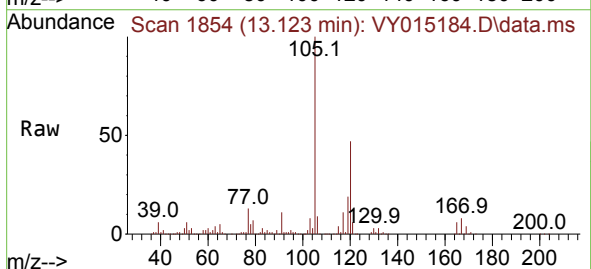
Instrument :
MSVOA_Y
ClientSampleId :

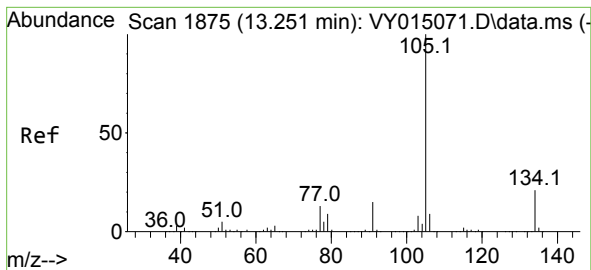
Tgt Ion:119 Resp: 314669
Ion Ratio Lower Upper
119 100
91 66.0 32.9 98.6
134 26.8 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 49.552 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015184.D
Acq: 18 Aug 2023 09:54

Tgt Ion:105 Resp: 350756
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.930 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

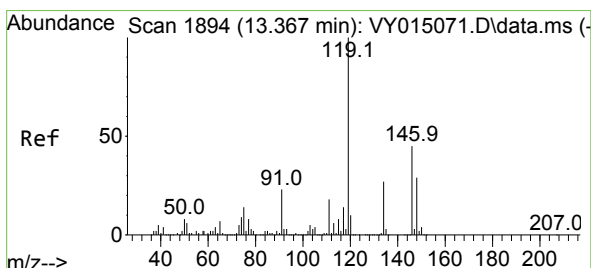
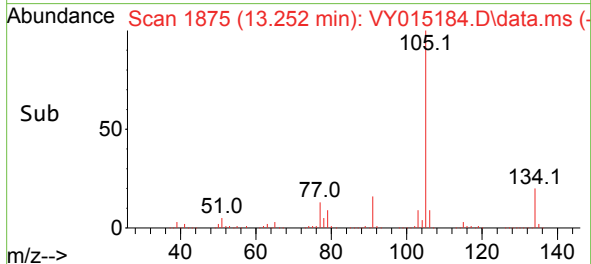
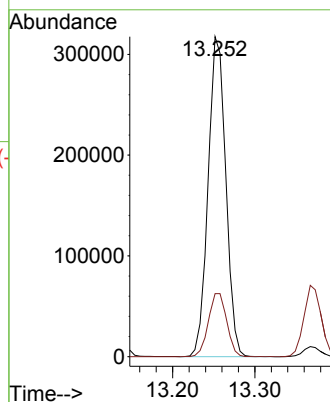
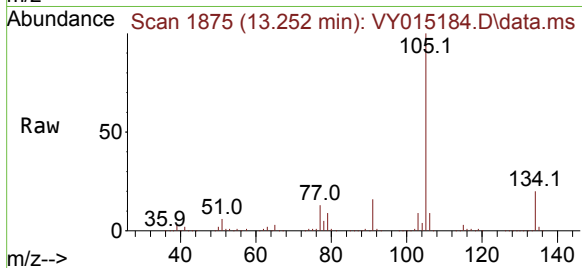
ClientSampleId :

Tgt Ion:105 Resp: 474019

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 49.560 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

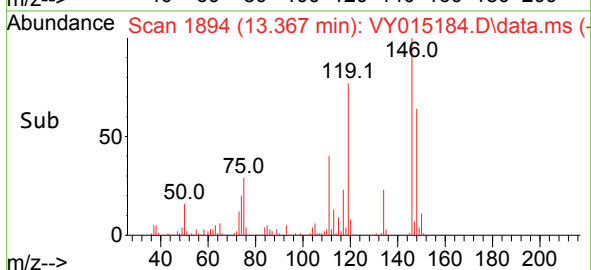
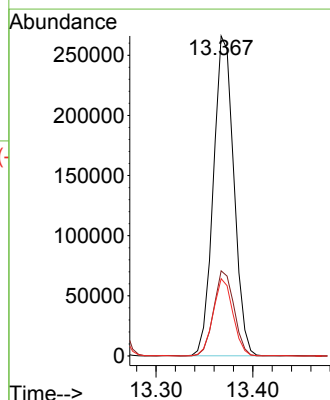
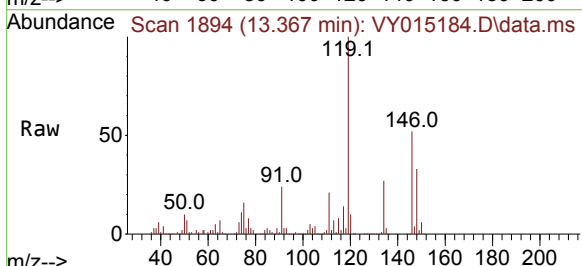
Tgt Ion:119 Resp: 390092

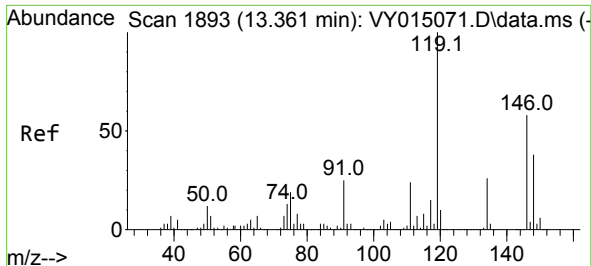
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.3 12.4 37.4

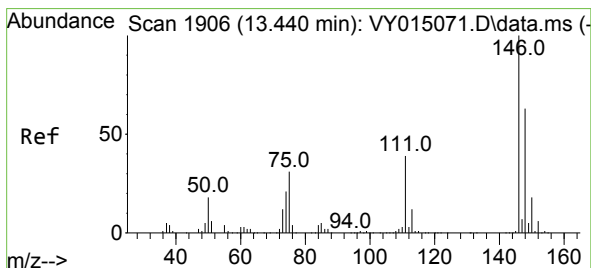
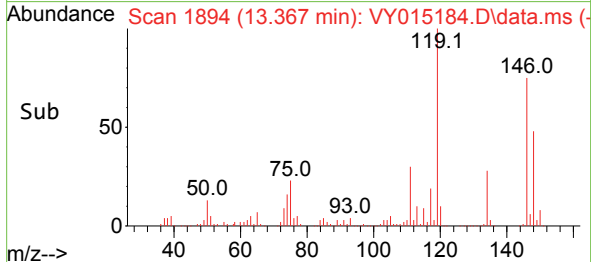
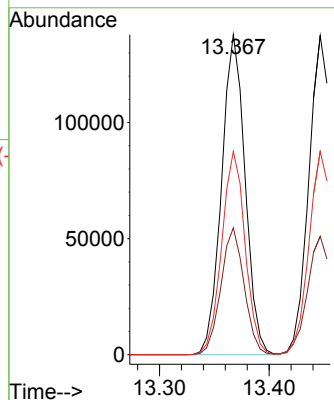
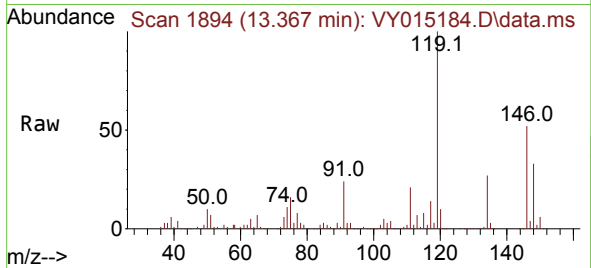




#87
 1,3-Dichlorobenzene
 Concen: 50.026 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY015184.D
 Acq: 18 Aug 2023 09:54

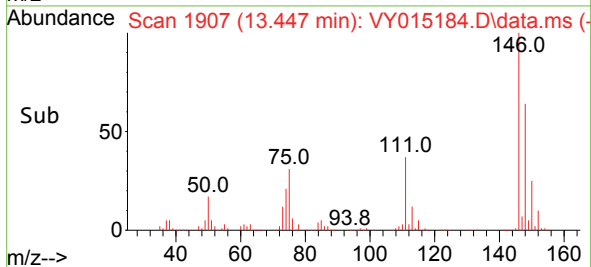
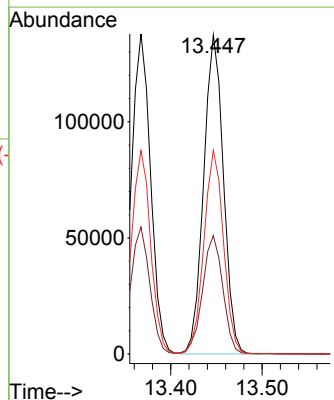
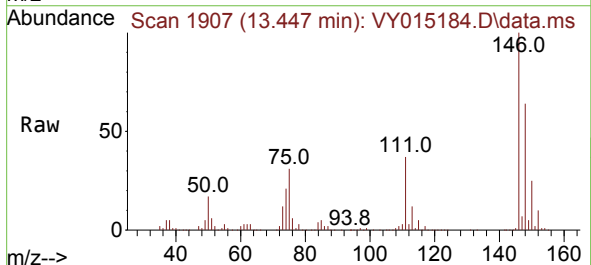
Instrument :
 MSVOA_Y
 ClientSampleId :

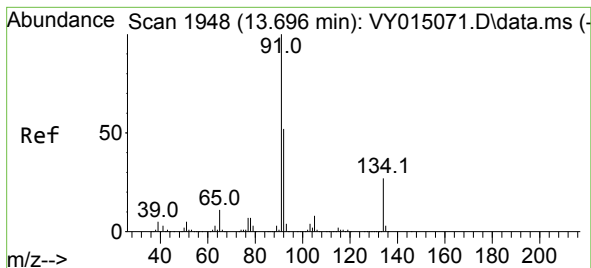
Tgt Ion:146 Resp: 205535
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.2
 148 63.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 50.068 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015184.D
 Acq: 18 Aug 2023 09:54

Tgt Ion:146 Resp: 206326
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.7
 148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 49.902 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

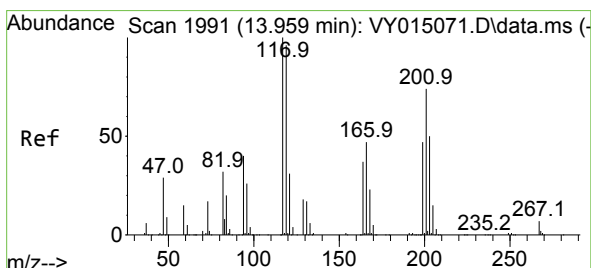
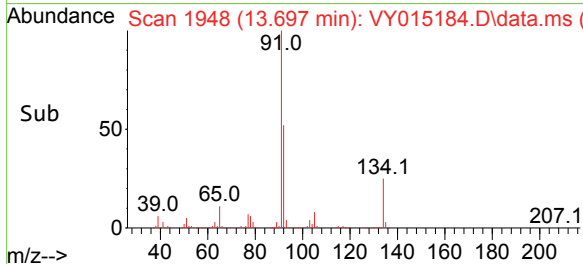
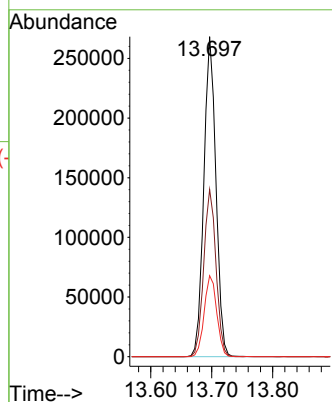
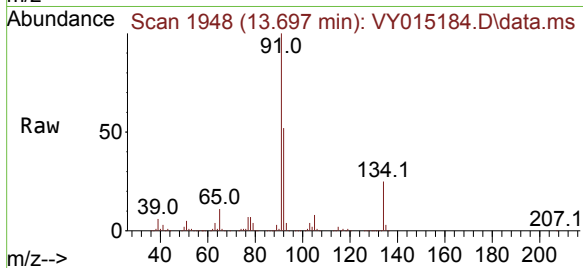
Tgt Ion: 91 Resp: 370339

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 49.383 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015184.D

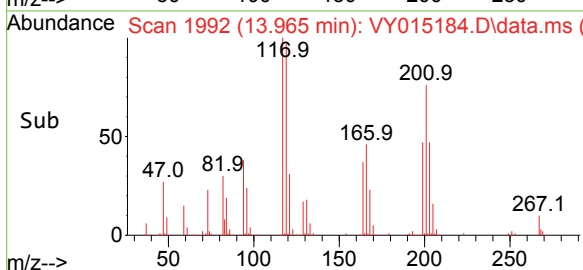
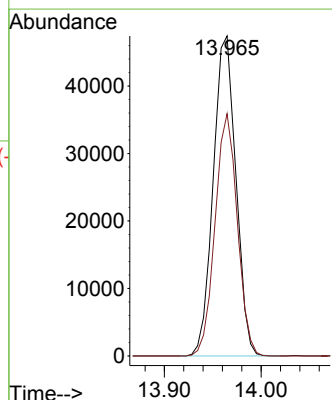
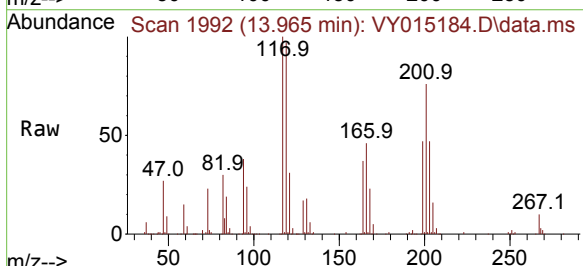
Acq: 18 Aug 2023 09:54

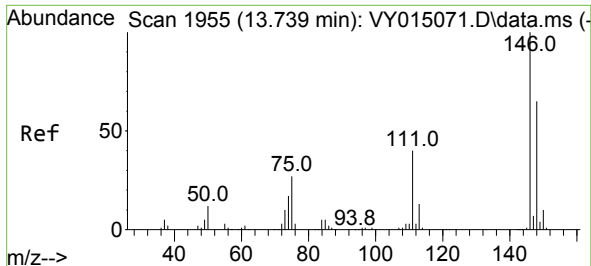
Tgt Ion: 117 Resp: 77111

Ion Ratio Lower Upper

117 100

201 74.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 49.921 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

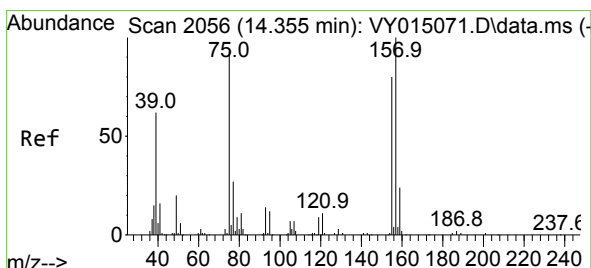
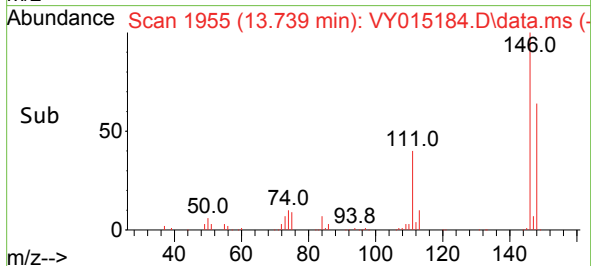
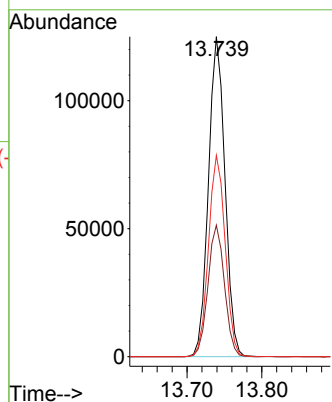
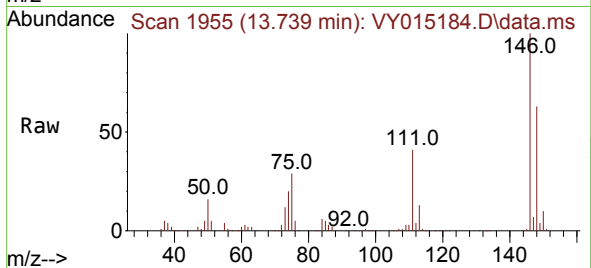
Tgt Ion:146 Resp: 191608

Ion Ratio Lower Upper

146 100

111 41.1 19.7 59.0

148 63.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.407 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

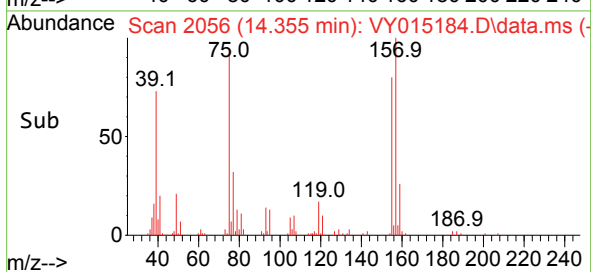
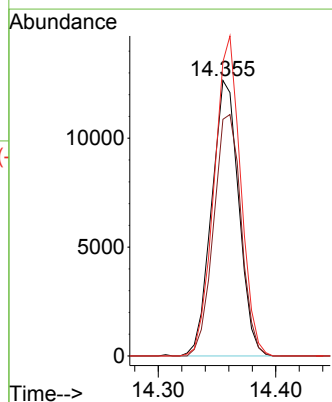
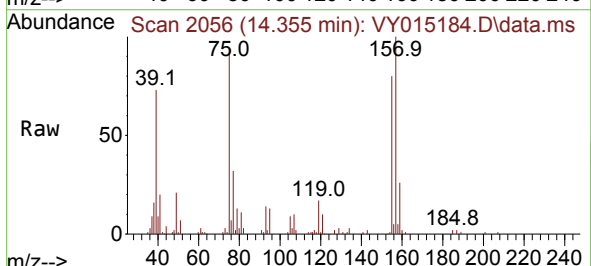
Tgt Ion: 75 Resp: 20326

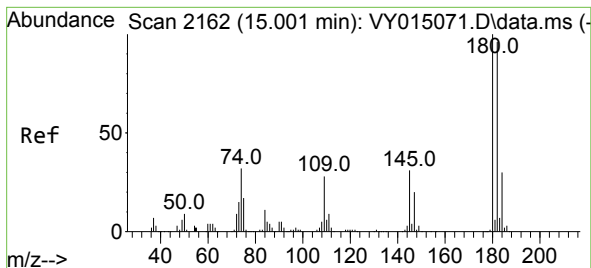
Ion Ratio Lower Upper

75 100

155 88.6 41.5 124.6

157 113.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.781 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

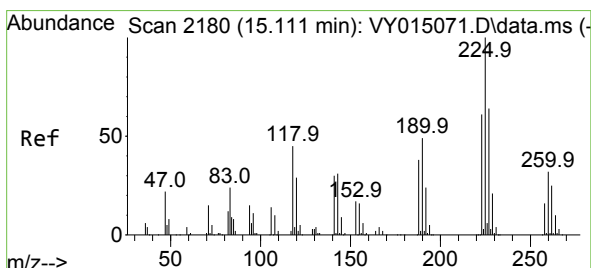
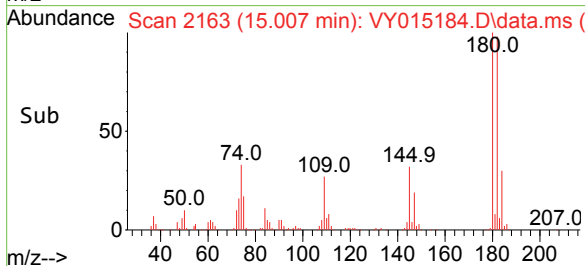
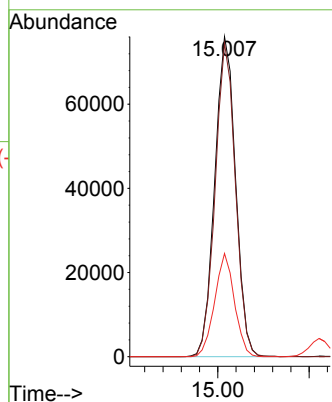
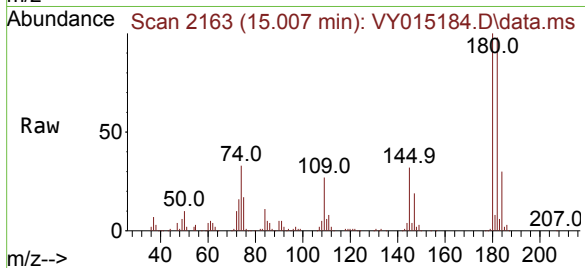
Tgt Ion:180 Resp: 120202

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.108 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

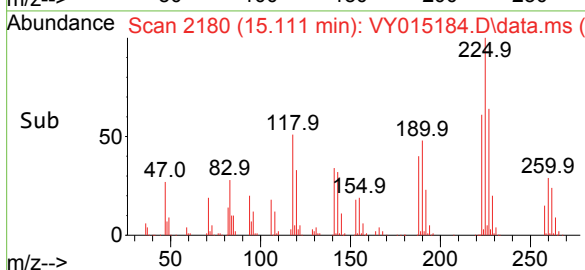
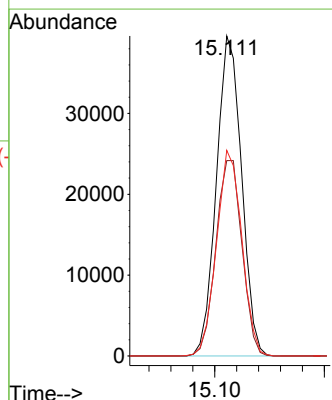
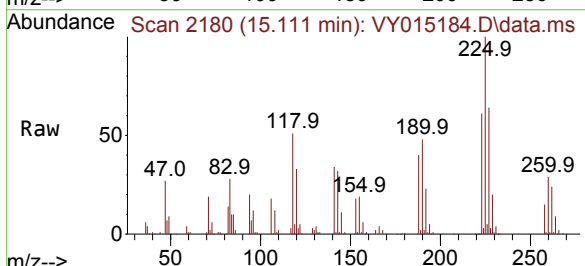
Tgt Ion:225 Resp: 63141

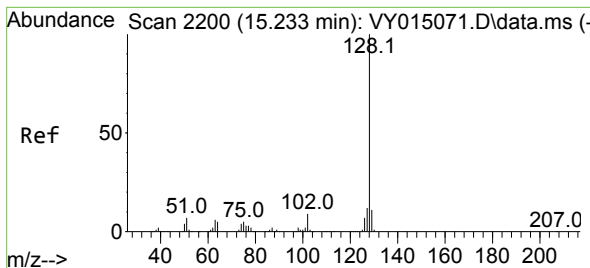
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

227 64.7 33.0 98.9





#95

Naphthalene

Concen: 47.044 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

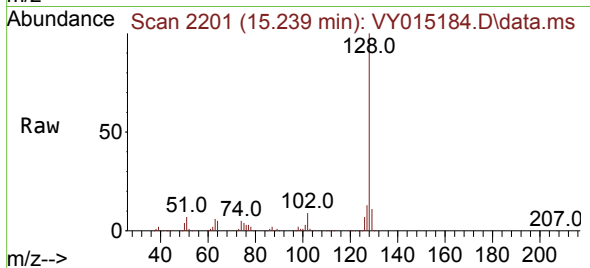
Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :



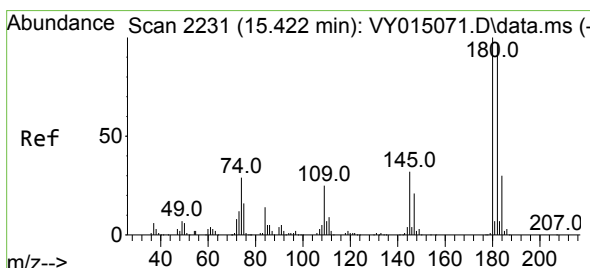
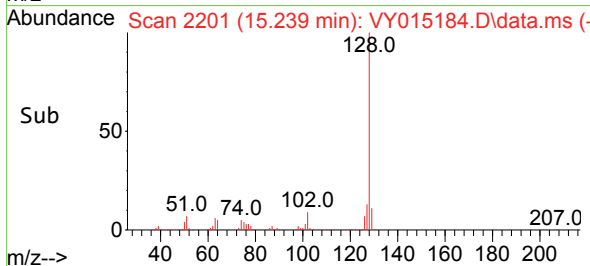
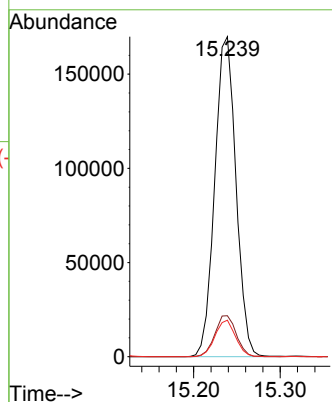
Tgt Ion:128 Resp: 288767

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.104 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015184.D

Acq: 18 Aug 2023 09:54

Tgt Ion:180 Resp: 109275

Ion Ratio Lower Upper

180 100

182 93.8 47.3 141.8

145 32.3 15.4 46.2

