

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
 Data File : VY015884.D
 Acq On : 09 Oct 2023 16:56
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 07:08:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	205888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	337834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	298805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	146894	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92472	49.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.840%
35) Dibromofluoromethane	7.722	113	98263	52.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.300%
50) Toluene-d8	10.185	98	329901	53.122	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.240%
62) 4-Bromofluorobenzene	12.489	95	126053	49.972	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45928	55.771	ug/l	97
3) Chloromethane	2.119	50	49061	58.243	ug/l	99
4) Vinyl Chloride	2.253	62	61935	57.650	ug/l	98
5) Bromomethane	2.650	94	49684	56.400	ug/l	100
6) Chloroethane	2.796	64	47568	56.387	ug/l	99
7) Trichlorofluoromethane	3.125	101	126294	55.402	ug/l	99
8) Diethyl Ether	3.534	74	52717	54.662	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.906	101	85529	55.284	ug/l	94
10) Methyl Iodide	4.095	142	84640	54.228	ug/l	96
11) Tert butyl alcohol	4.960	59	67925	153.932	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	68989	57.974	ug/l	91
13) Acrolein	3.735	56	26161	231.046	ug/l	96
14) Allyl chloride	4.485	41	123220	56.161	ug/l	91
15) Acrylonitrile	5.168	53	160145	241.482	ug/l	97
16) Acetone	3.948	43	167192	201.887	ug/l	90
17) Carbon Disulfide	4.198	76	100264	56.019	ug/l	99
18) Methyl Acetate	4.479	43	125987	50.164	ug/l	92
19) Methyl tert-butyl Ether	5.229	73	281095	52.127	ug/l	98
20) Methylene Chloride	4.716	84	97514	50.800	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	79904	57.866	ug/l	91
22) Diisopropyl ether	6.125	45	315778	53.809	ug/l #	89
23) Vinyl Acetate	6.064	43	838892	259.960	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	175287	54.224	ug/l	98
25) 2-Butanone	6.990	43	226820	223.193	ug/l	94
26) 2,2-Dichloropropane	6.984	77	160880	53.514	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	112730	55.313	ug/l	93
28) Bromochloromethane	7.338	49	92995	49.914	ug/l	91
29) Tetrahydrofuran	7.350	42	130259	234.303	ug/l	91
30) Chloroform	7.509	83	193074	53.547	ug/l	98
31) Cyclohexane	7.789	56	103295	52.061	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	161302	54.778	ug/l	97
36) 1,1-Dichloropropene	7.923	75	118504	56.783	ug/l	99
37) Ethyl Acetate	7.082	43	87315	48.715	ug/l	95
38) Carbon Tetrachloride	7.905	117	138372	55.209	ug/l	99
39) Methylcyclohexane	9.191	83	121855	57.483	ug/l	91
40) Benzene	8.167	78	365231	55.688	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	41718	37.421	ug/l	93
42) 1,2-Dichloroethane	8.240	62	119091	53.268	ug/l	93
43) Isopropyl Acetate	8.277	43	166229	50.102	ug/l	94
44) Trichloroethene	8.947	130	106052	55.881	ug/l	97
45) 1,2-Dichloropropane	9.222	63	106323	53.897	ug/l	97
46) Dibromomethane	9.307	93	63069	53.724	ug/l	95
47) Bromodichloromethane	9.502	83	156122	53.472	ug/l	97
48) Methyl methacrylate	9.295	41	71716	48.946	ug/l	87
49) 1,4-Dioxane	9.301	88	19861	973.234	ug/l #	60
51) 4-Methyl-2-Pentanone	10.075	43	471564	237.565	ug/l	91
52) Toluene	10.246	92	241915	55.568	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	159612	54.076	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	174775	54.511	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	95177	50.917	ug/l	96
56) Ethyl methacrylate	10.514	69	131932	51.988	ug/l #	84
57) 1,3-Dichloropropane	10.795	76	157352	52.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	388886	251.414	ug/l	95
59) 2-Hexanone	10.837	43	344306	229.271	ug/l	88
60) Dibromochloromethane	10.990	129	117226	52.312	ug/l	100
61) 1,2-Dibromoethane	11.093	107	89701	52.541	ug/l	99
64) Tetrachloroethene	10.728	164	103082	52.862	ug/l	97
65) Chlorobenzene	11.520	112	284215	54.531	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	116092	54.496	ug/l	99
67) Ethyl Benzene	11.599	91	496363	55.512	ug/l	100
68) m/p-Xylenes	11.709	106	376669	111.795	ug/l	95
69) o-Xylene	12.038	106	186930	55.450	ug/l	98
70) Styrene	12.050	104	325702	55.375	ug/l	96
71) Bromoform	12.215	173	76395	51.498	ug/l #	99
73) Isopropylbenzene	12.337	105	514179	55.490	ug/l	100
74) N-amyl acetate	12.148	43	148572	50.878	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	119929	49.914	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	153072	89.265	ug/l #	100
77) Bromobenzene	12.617	156	122782	54.039	ug/l	99
78) n-propylbenzene	12.678	91	621632	55.785	ug/l	99
79) 2-Chlorotoluene	12.764	91	352144	55.477	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	427187	55.935	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	40123	51.885	ug/l	91
82) 4-Chlorotoluene	12.861	91	366292	55.375	ug/l	99
83) tert-Butylbenzene	13.081	119	393214	55.169	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	427108	55.535	ug/l	98
85) sec-Butylbenzene	13.258	105	581793	55.660	ug/l	100
86) p-Isopropyltoluene	13.373	119	485979	56.202	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	246787	53.950	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	248653	53.978	ug/l	99
89) n-Butylbenzene	13.703	91	463014	56.584	ug/l	96
90) Hexachloroethane	13.965	117	96216	55.446	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	229210	53.906	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19925	47.221	ug/l	84
93) 1,2,4-Trichlorobenzene	15.013	180	147976	54.301	ug/l	98
94) Hexachlorobutadiene	15.117	225	80097	54.889	ug/l	99
95) Naphthalene	15.239	128	329099	52.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	132312	54.582	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Oct 10 07:06:18 2023
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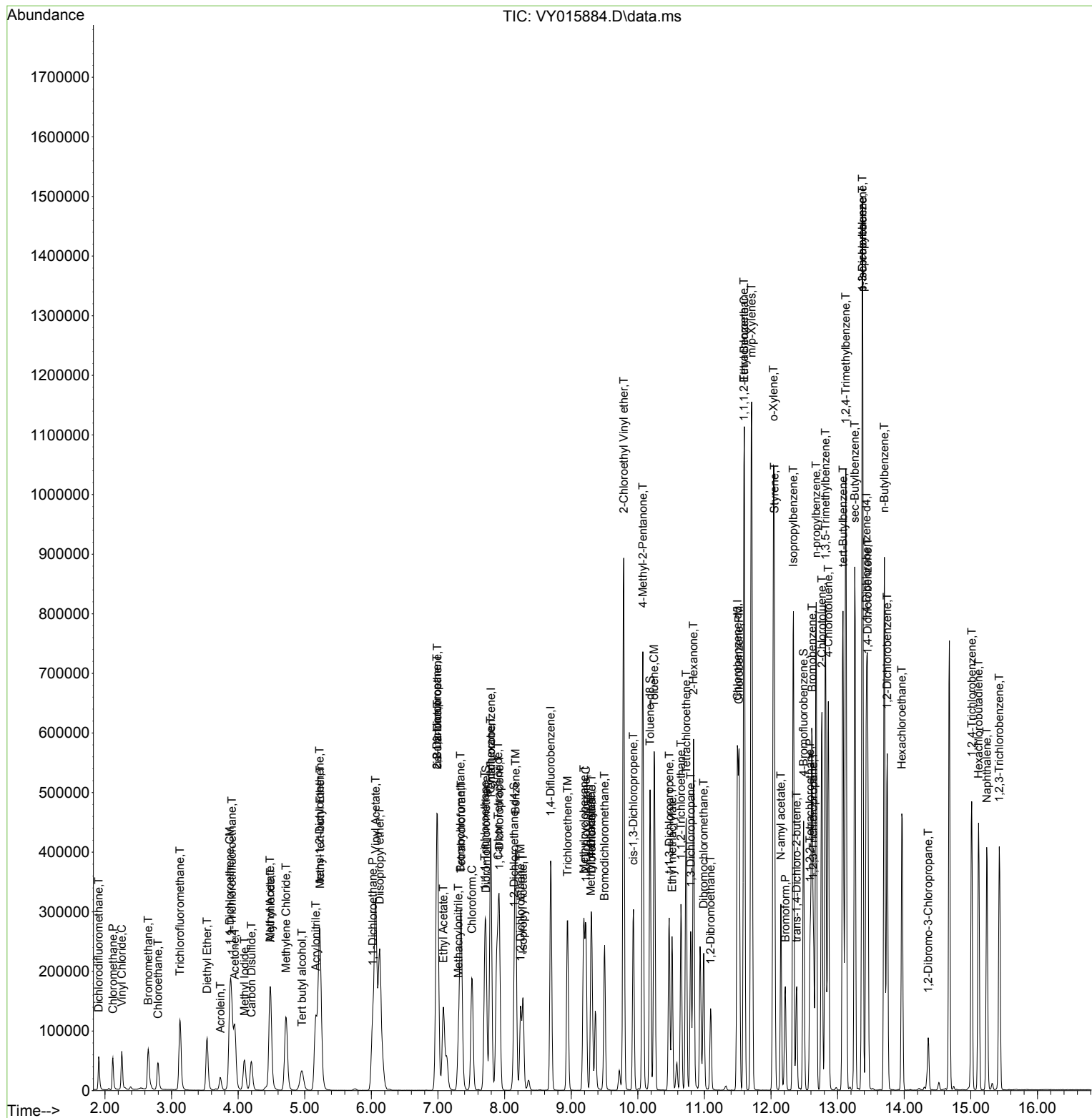
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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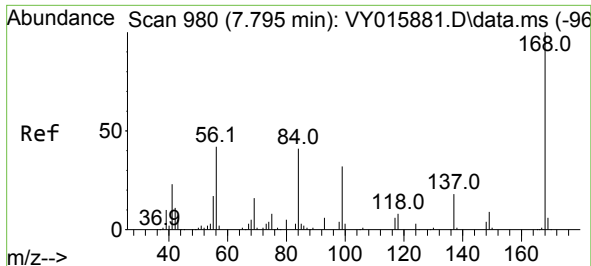
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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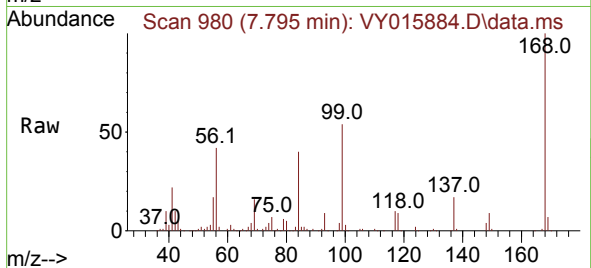
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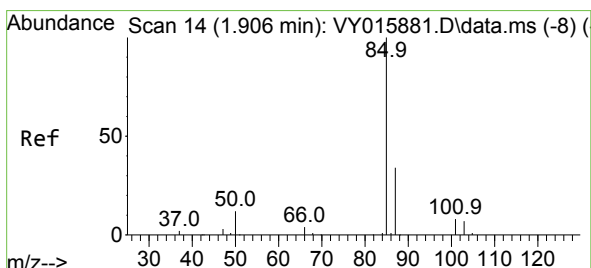
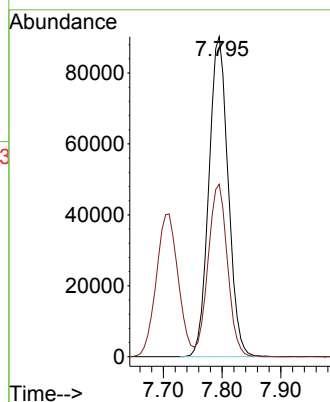
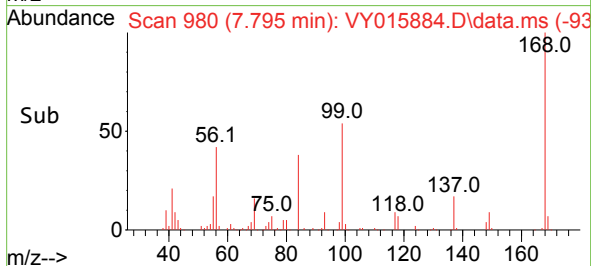


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
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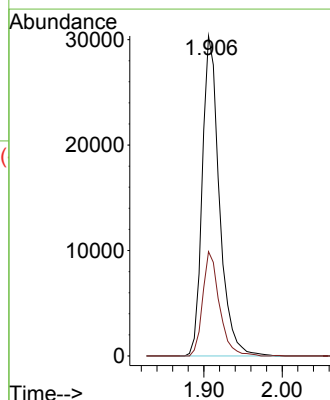
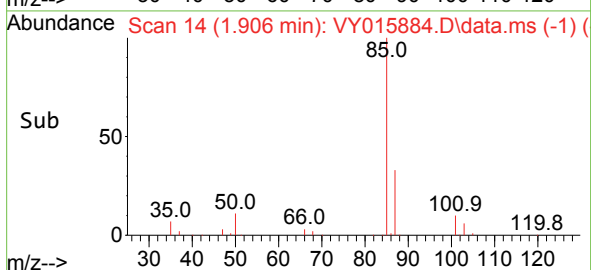
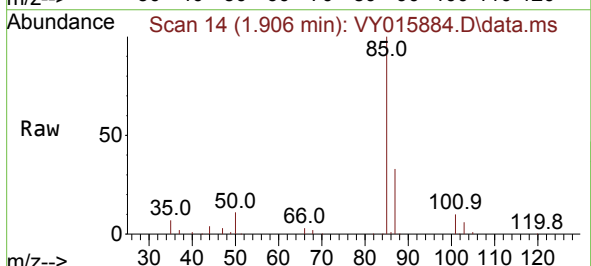


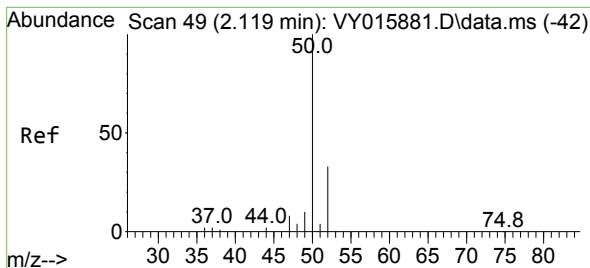
Tgt Ion:168 Resp: 205888
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 55.771 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 85 Resp: 45928
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8





#3

Chloromethane

Concen: 58.243 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

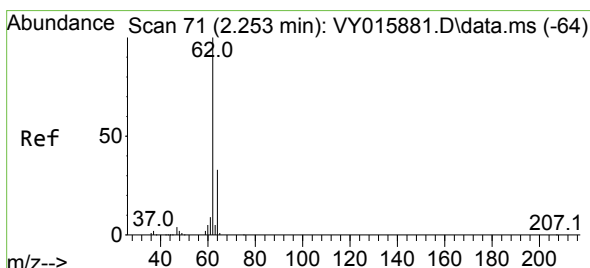
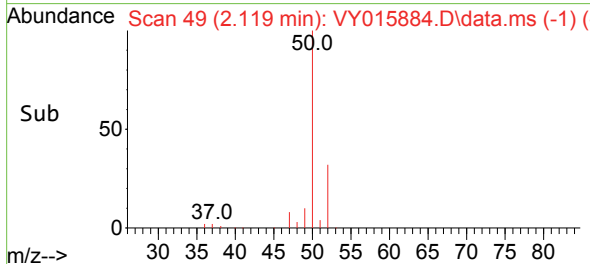
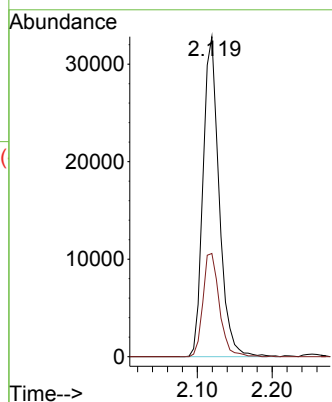
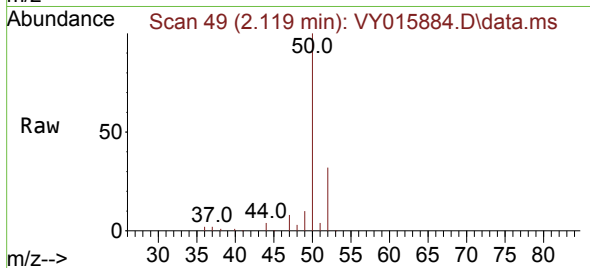
ClientSampleId :

Tgt Ion: 50 Resp: 49061

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.2



#4

Vinyl Chloride

Concen: 57.650 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY015884.D

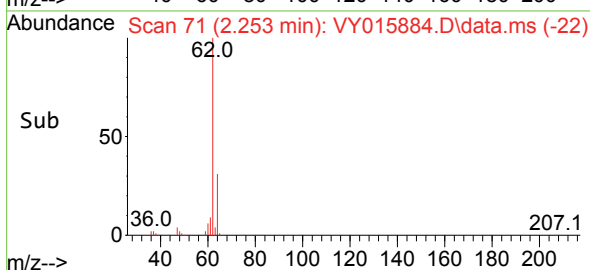
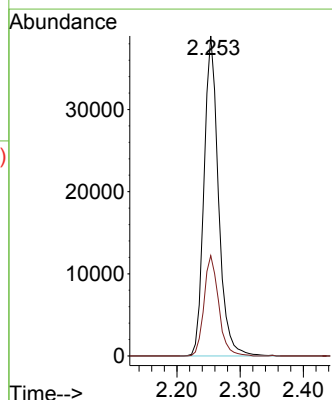
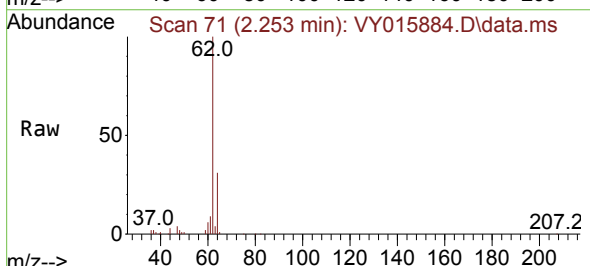
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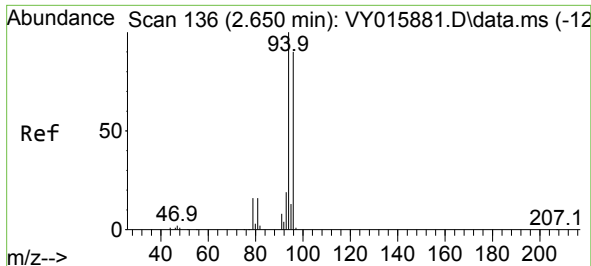
Tgt Ion: 62 Resp: 61935

Ion Ratio Lower Upper

62 100

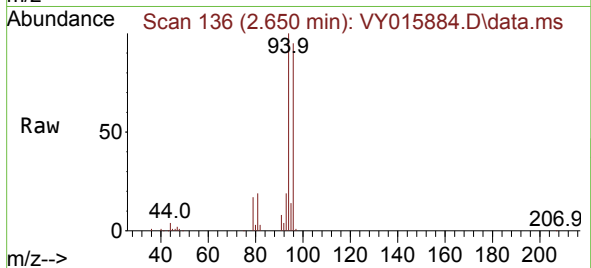
64 31.3 24.3 36.5



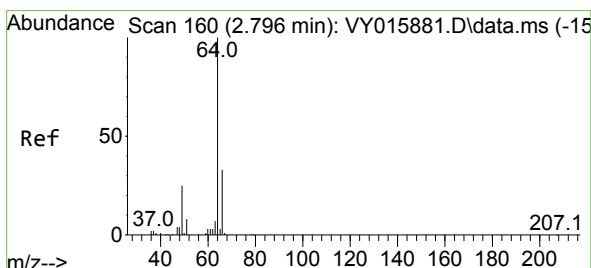
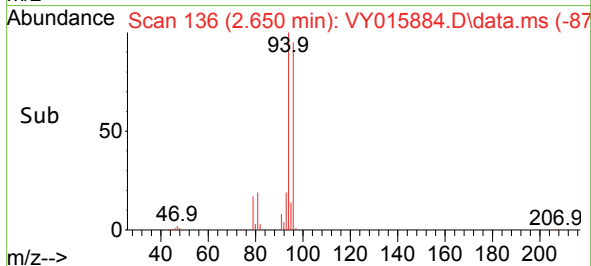
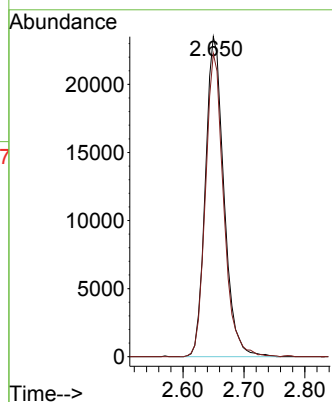


#5
Bromomethane
Concen: 56.400 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015884.D
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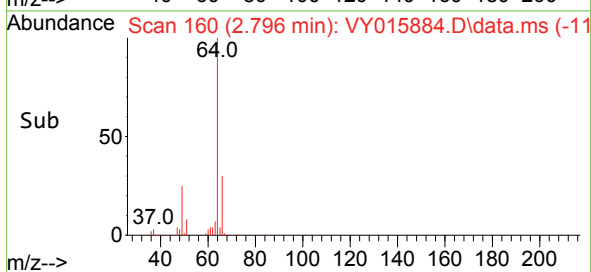
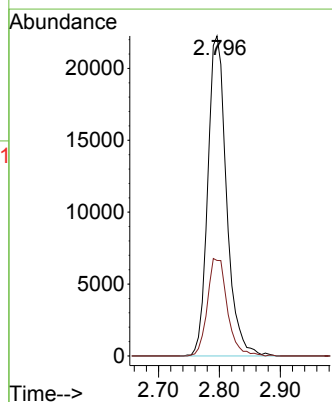
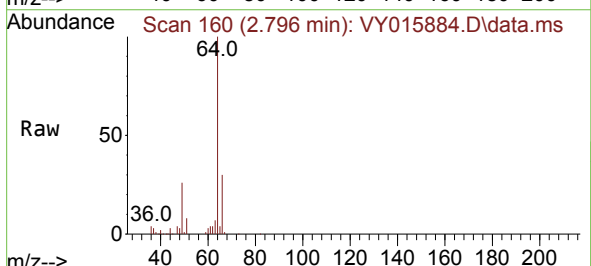


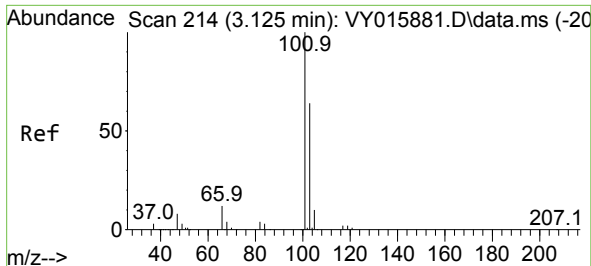
Tgt Ion: 94 Resp: 49684
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.6



#6
Chloroethane
Concen: 56.387 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 64 Resp: 47568
Ion Ratio Lower Upper
64 100
66 29.8 24.4 36.6

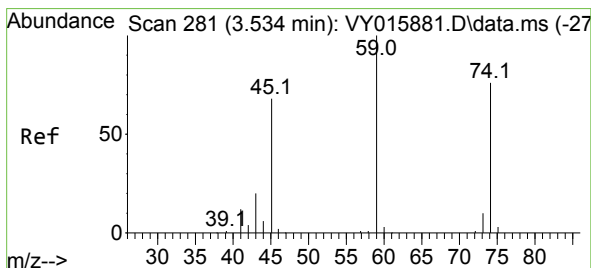
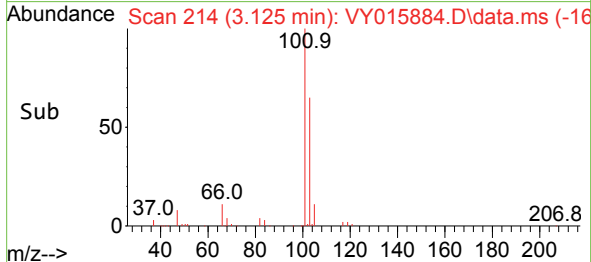
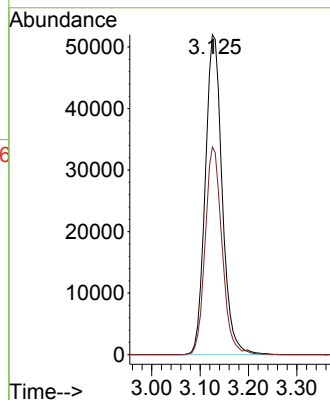
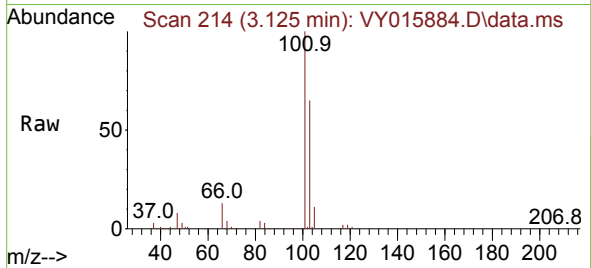




#7
 Trichlorofluoromethane
 Concen: 55.402 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY015884.D
 Acq: 09 Oct 2023 16:56

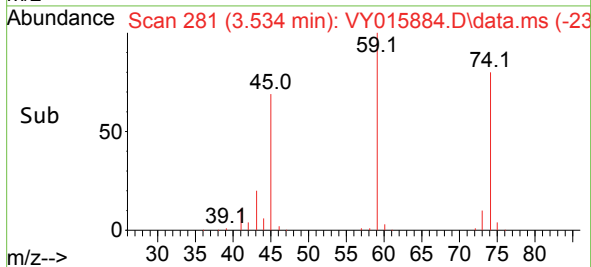
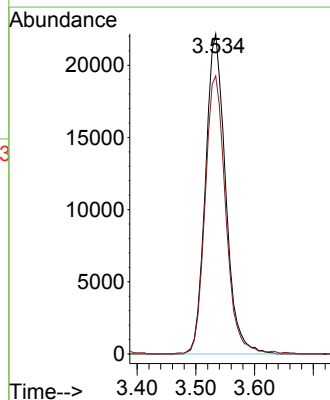
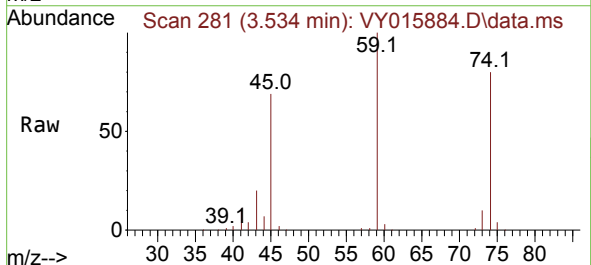
Instrument :
 MSVOA_Y
 ClientSampleId :

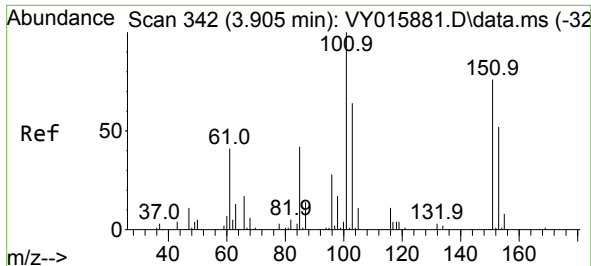
Tgt Ion:101 Resp: 126294
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 54.662 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
 Lab File: VY015884.D
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Tgt Ion: 74 Resp: 52717
 Ion Ratio Lower Upper
 74 100
 45 88.8 51.5 154.5

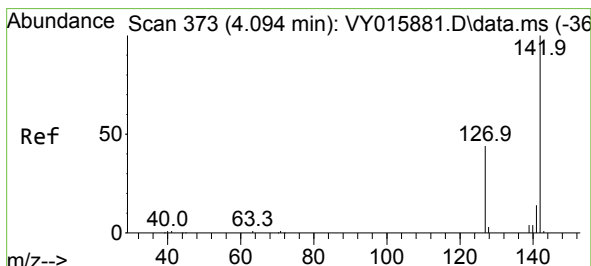
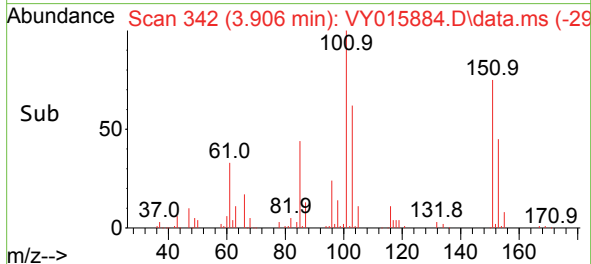
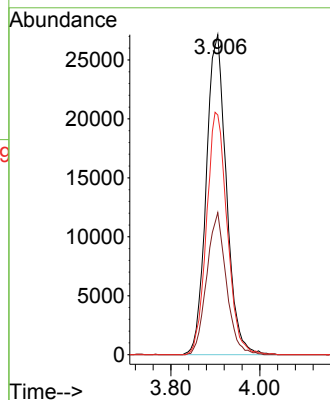
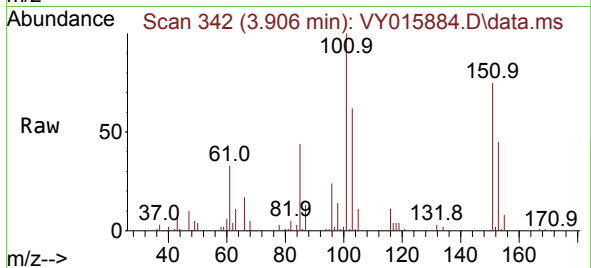




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 55.284 ug/l
 RT: 3.906 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VY015884.D
 Acq: 09 Oct 2023 16:56

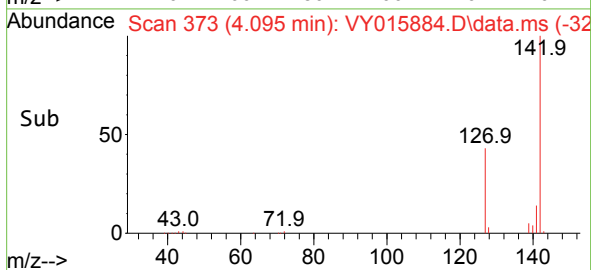
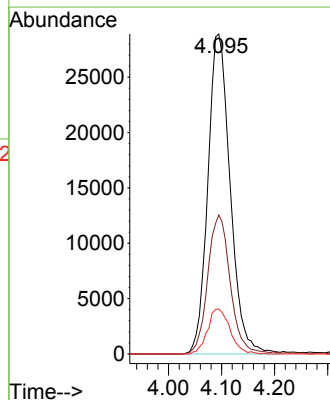
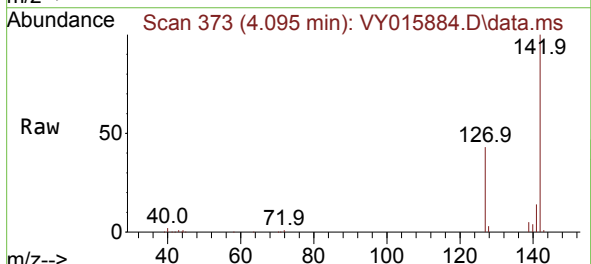
Instrument :
 MSVOA_Y
 ClientSampleId :

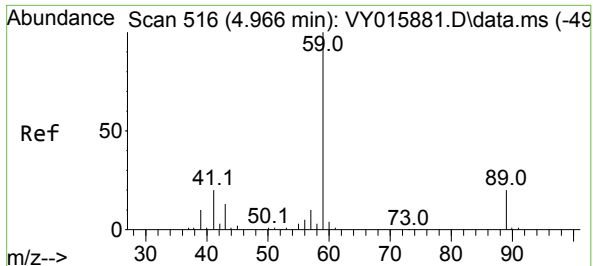
Tgt Ion:101 Resp: 85529
 Ion Ratio Lower Upper
 101 100
 85 43.2 36.6 55.0
 151 77.7 67.0 100.6



#10
 Methyl Iodide
 Concen: 54.228 ug/l
 RT: 4.095 min Scan# 373
 Delta R.T. 0.001 min
 Lab File: VY015884.D
 Acq: 09 Oct 2023 16:56

Tgt Ion:142 Resp: 84640
 Ion Ratio Lower Upper
 142 100
 127 43.9 37.6 56.4
 141 14.1 11.8 17.8





#11

Tert butyl alcohol

Concen: 153.932 ug/l

RT: 4.960 min Scan# 516

Delta R.T. -0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

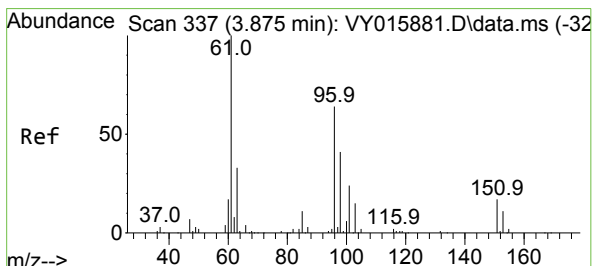
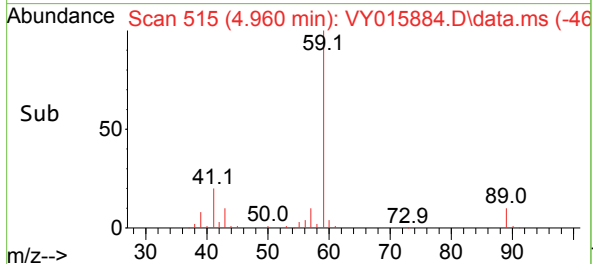
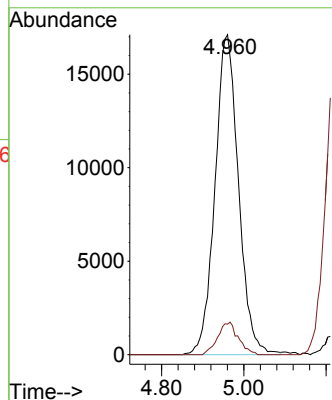
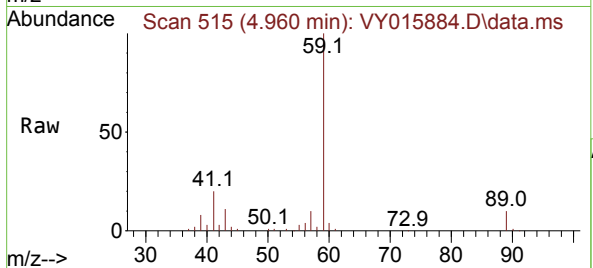
ClientSampleId :

Tgt Ion: 59 Resp: 67925

Ion Ratio Lower Upper

59 100

57 8.9 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 57.974 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

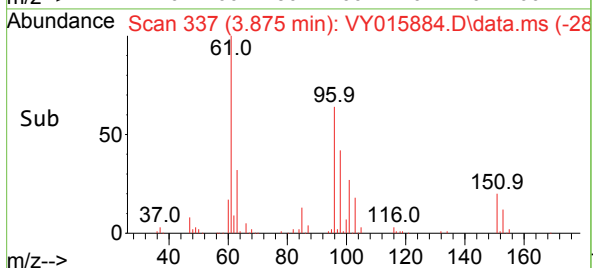
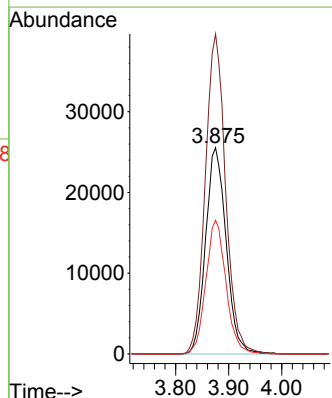
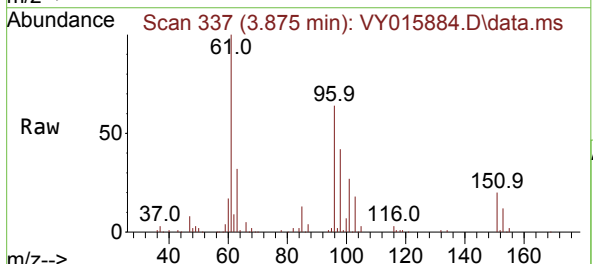
Tgt Ion: 96 Resp: 68989

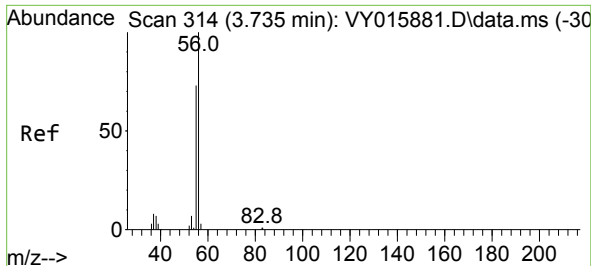
Ion Ratio Lower Upper

96 100

61 155.2 136.4 204.6

98 64.9 49.4 74.2





#13

Acrolein

Concen: 231.046 ug/l

RT: 3.735 min Scan# 314

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

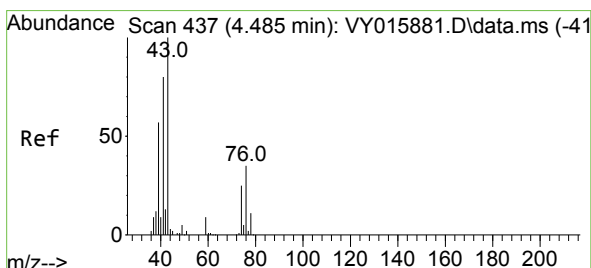
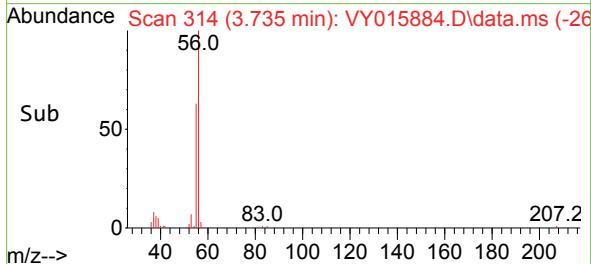
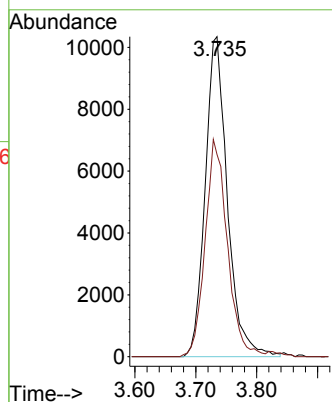
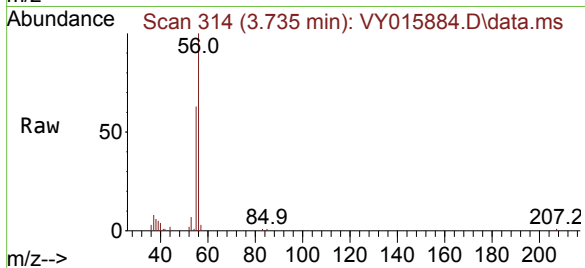
ClientSampleId :

Tgt Ion: 56 Resp: 26161

Ion Ratio Lower Upper

56 100

55 68.1 57.0 85.4



#14

Allyl chloride

Concen: 56.161 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

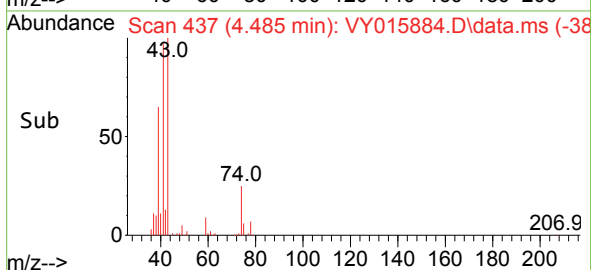
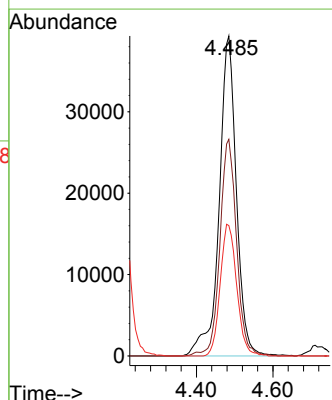
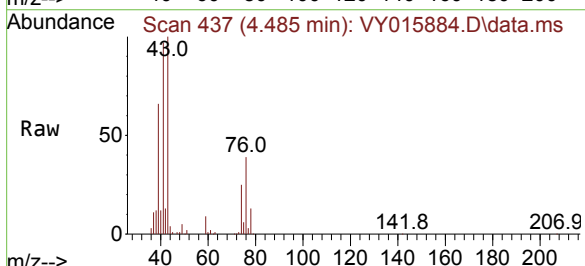
Tgt Ion: 41 Resp: 123220

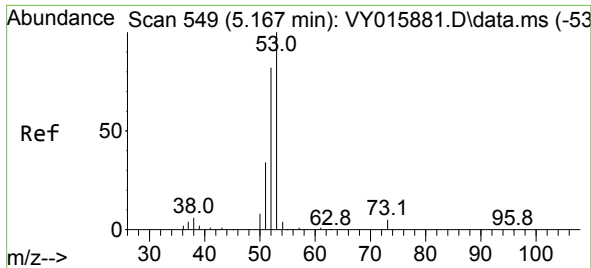
Ion Ratio Lower Upper

41 100

39 65.4 58.0 87.0

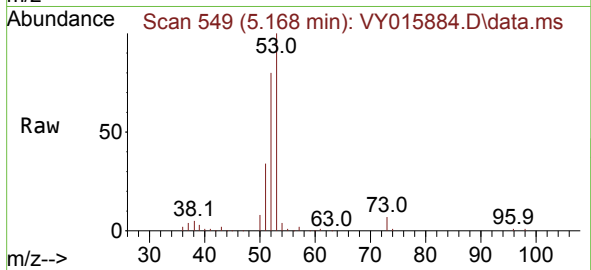
76 39.4 27.4 41.2



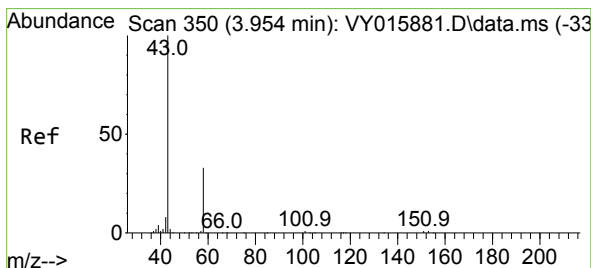
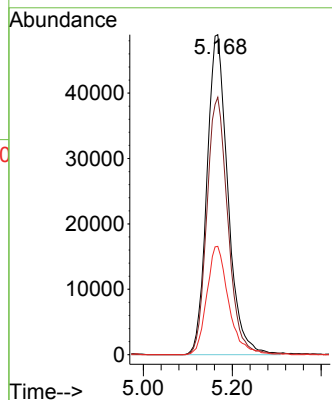
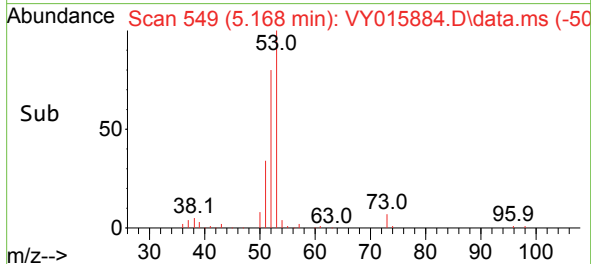


#15
Acrylonitrile
Concen: 241.482 ug/l
RT: 5.168 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :

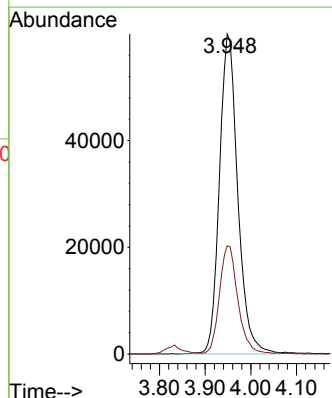
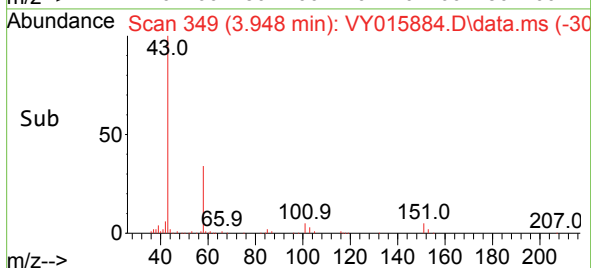
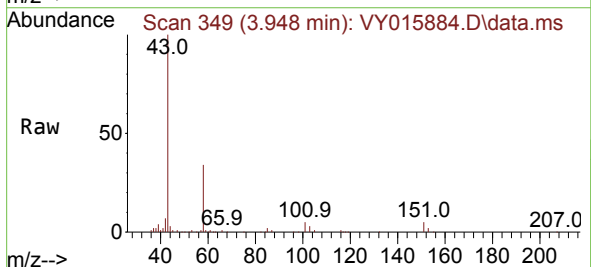


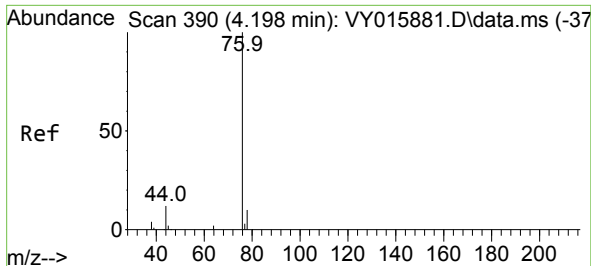
Tgt Ion: 53 Resp: 160145
Ion Ratio Lower Upper
53 100
52 80.6 66.9 100.3
51 35.4 29.8 44.6



#16
Acetone
Concen: 201.887 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 43 Resp: 167192
Ion Ratio Lower Upper
43 100
58 33.5 22.7 34.1

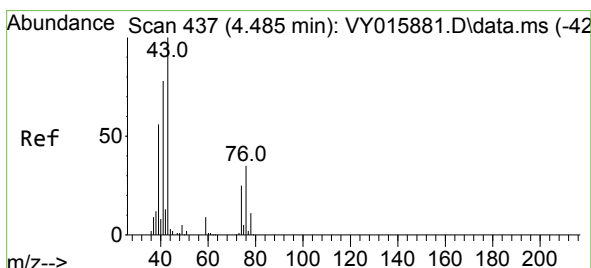
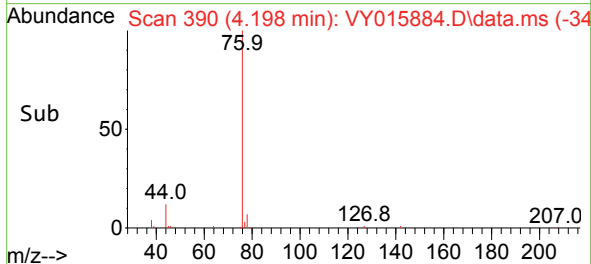
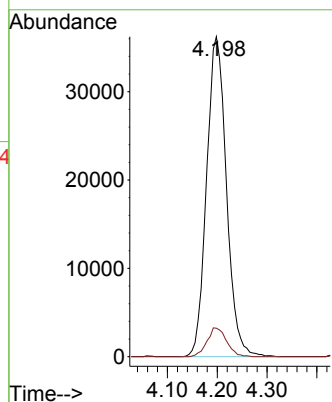
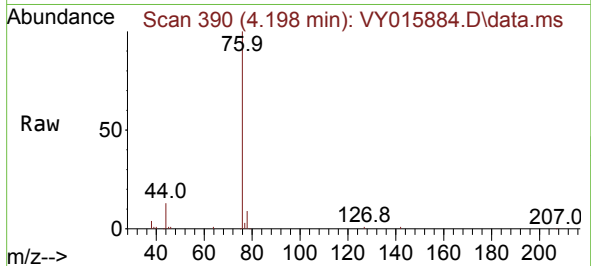




#17
Carbon Disulfide
Concen: 56.019 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

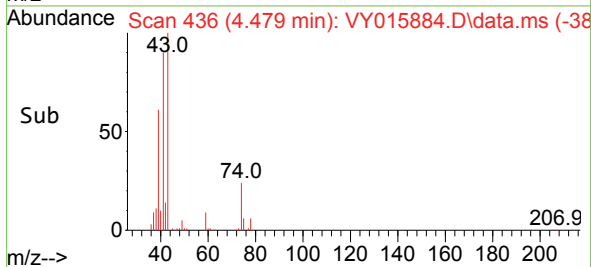
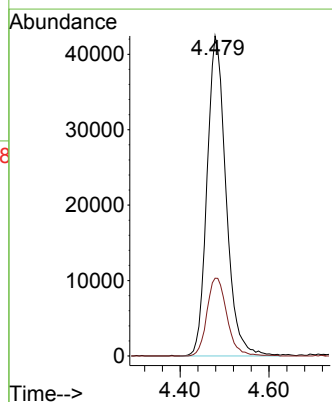
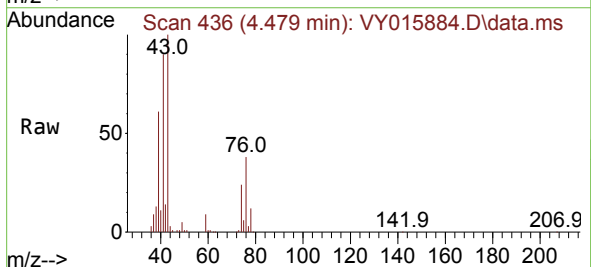
Instrument :
MSVOA_Y
ClientSampleId :

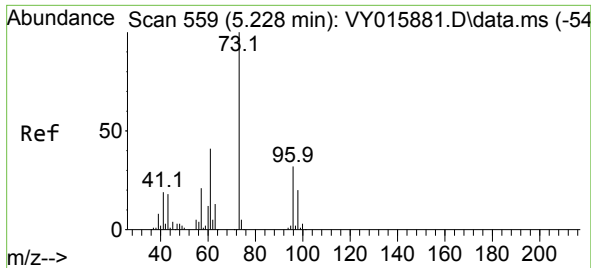
Tgt Ion: 76 Resp: 100264
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 50.164 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 43 Resp: 125987
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0

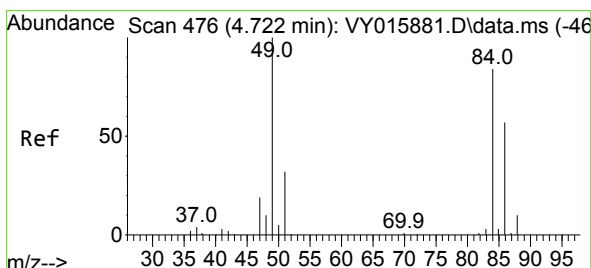
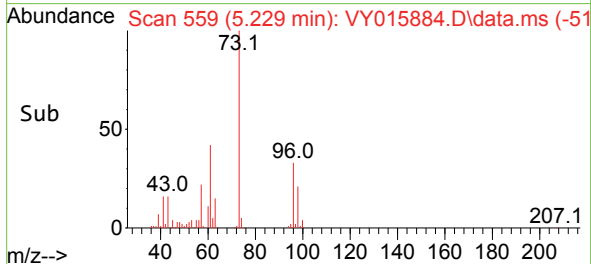
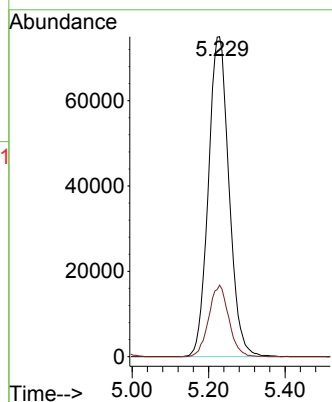
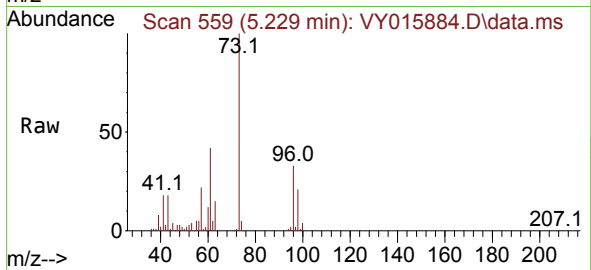




#19
Methyl tert-butyl Ether
Concen: 52.127 ug/l
RT: 5.229 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

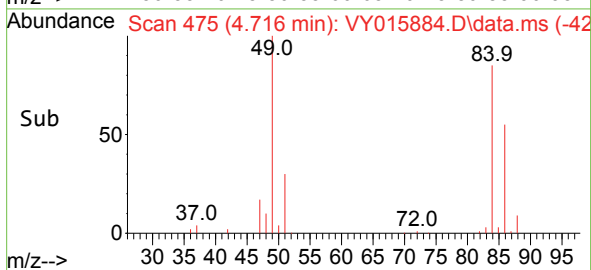
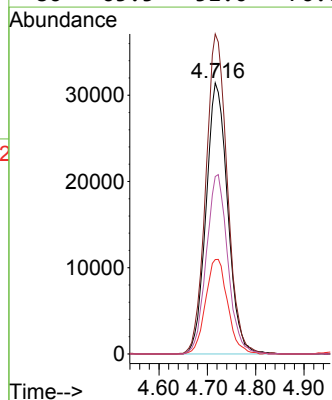
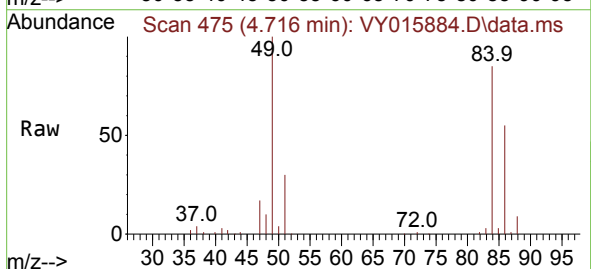
Instrument :
MSVOA_Y
ClientSampleId :

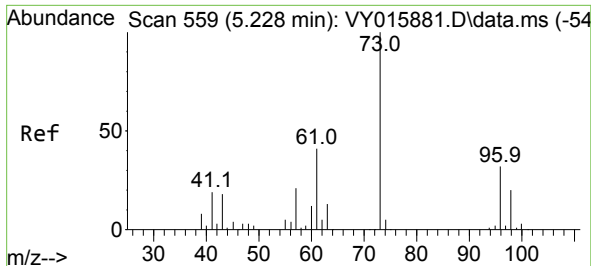
Tgt Ion: 73 Resp: 281095
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 50.800 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

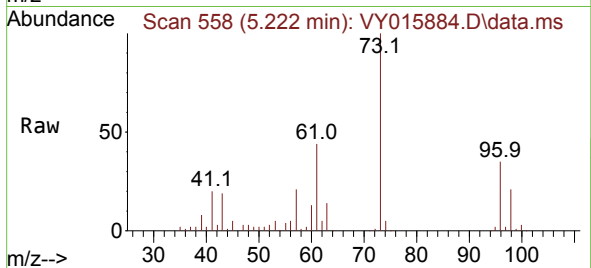
Tgt Ion: 84 Resp: 97514
Ion Ratio Lower Upper
84 100
49 118.0 106.9 160.3
51 34.8 33.2 49.8
86 65.5 51.0 76.6



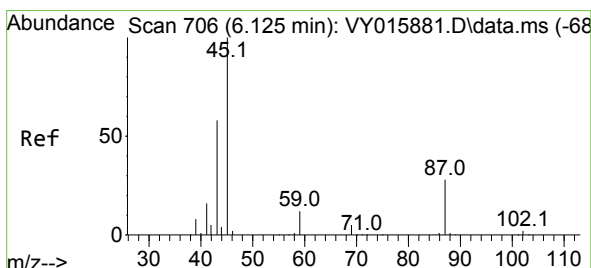
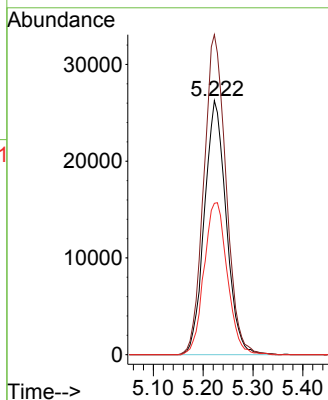
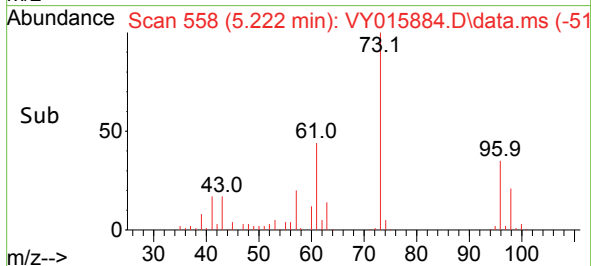


#21
trans-1,2-Dichloroethene
Concen: 57.866 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

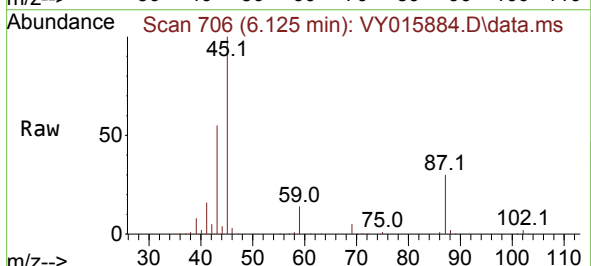
Instrument :
MSVOA_Y
ClientSampleId :



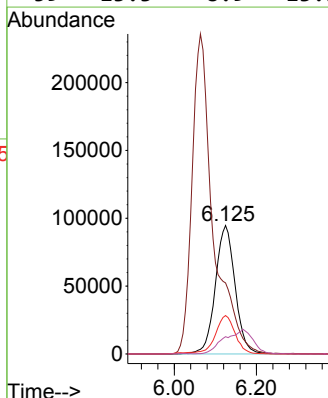
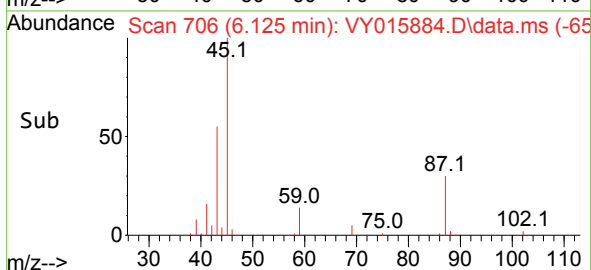
Tgt Ion: 96 Resp: 79904
Ion Ratio Lower Upper
96 100
61 126.0 110.2 165.4
98 59.6 51.8 77.6

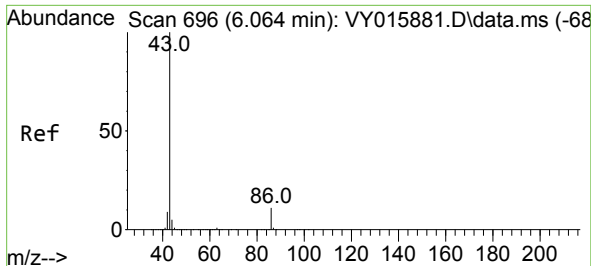


#22
Diisopropyl ether
Concen: 53.809 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56



Tgt Ion: 45 Resp: 315778
Ion Ratio Lower Upper
45 100
43 54.8 52.2 78.4
87 30.0 21.0 31.6
59 13.3 8.9 13.3#

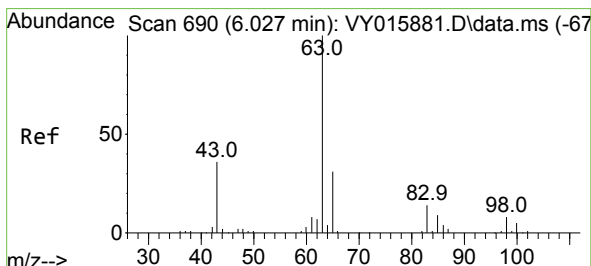
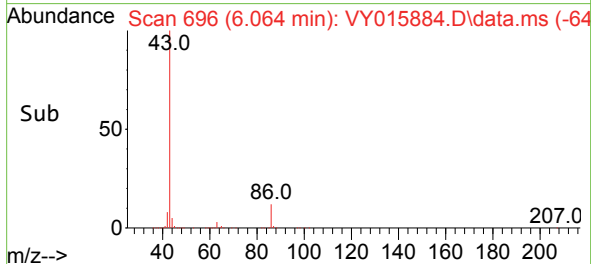
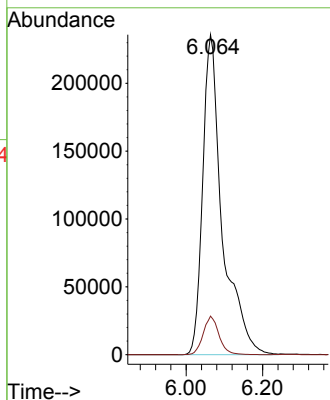
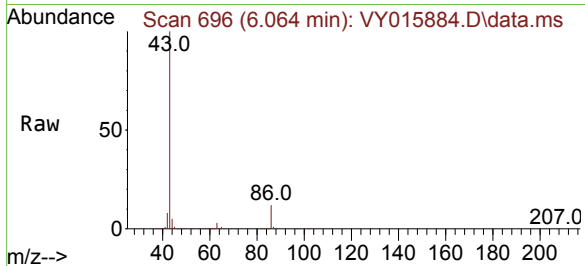




#23
 Vinyl Acetate
 Concen: 259.960 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY015884.D
 Acq: 09 Oct 2023 16:56

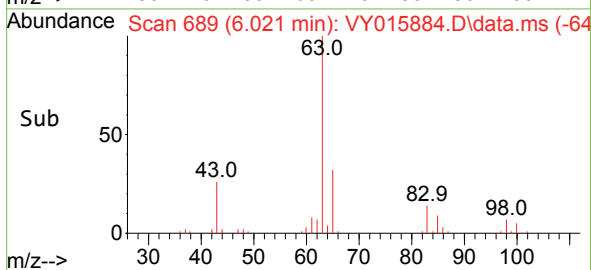
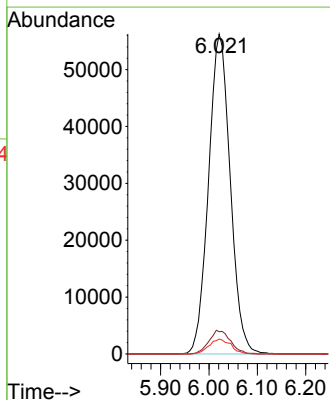
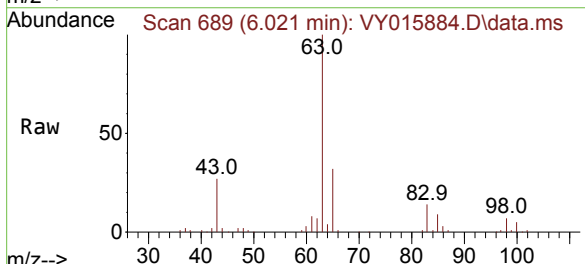
Instrument :
 MSVOA_Y
 ClientSampleId :

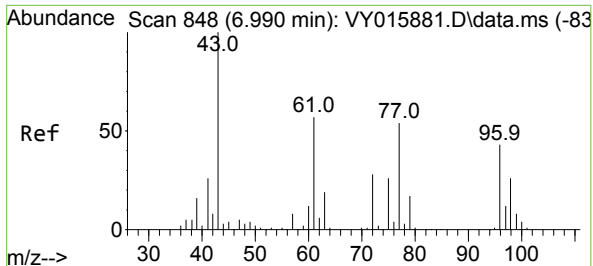
Tgt Ion: 43 Resp: 838892
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 54.224 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY015884.D
 Acq: 09 Oct 2023 16:56

Tgt Ion: 63 Resp: 175287
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.6 1.8 5.5





#25

2-Butanone

Concen: 223.193 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

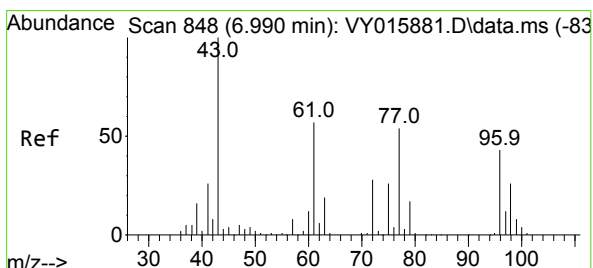
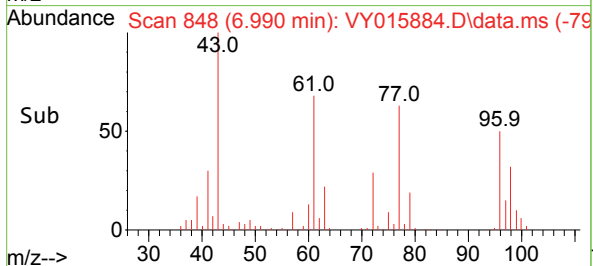
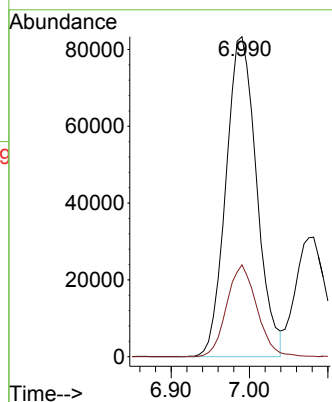
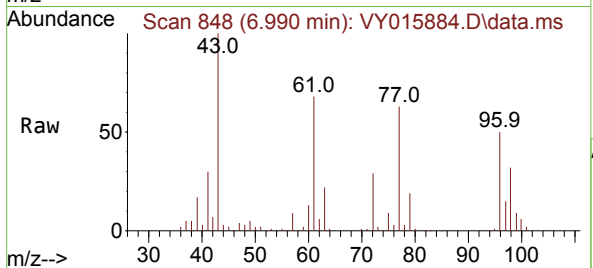
ClientSampleId :

Tgt Ion: 43 Resp: 226820

Ion Ratio Lower Upper

43 100

72 28.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 53.514 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY015884.D

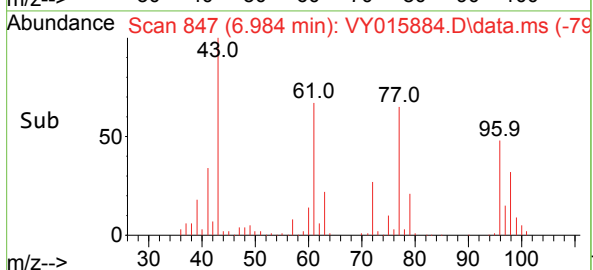
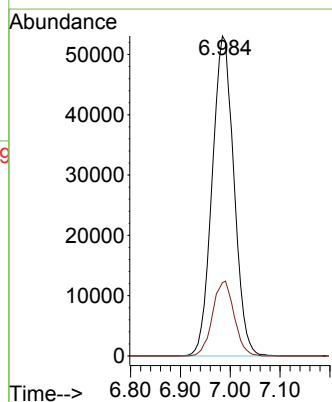
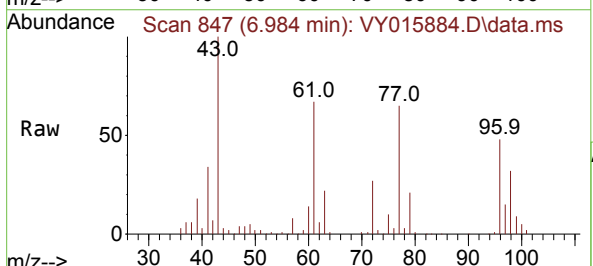
Acq: 09 Oct 2023 16:56

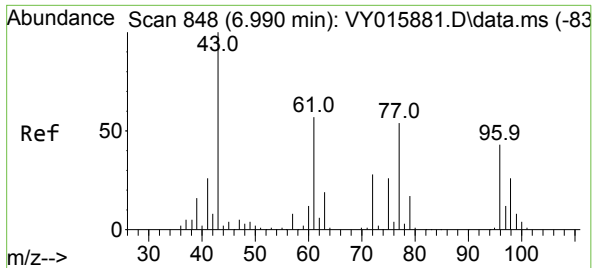
Tgt Ion: 77 Resp: 160880

Ion Ratio Lower Upper

77 100

97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 55.313 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

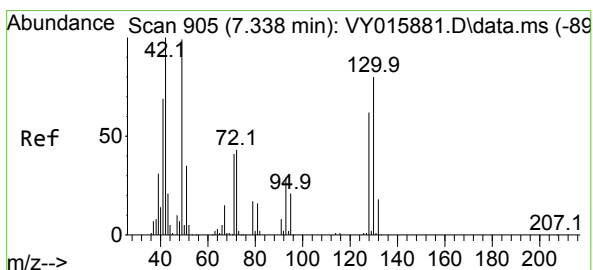
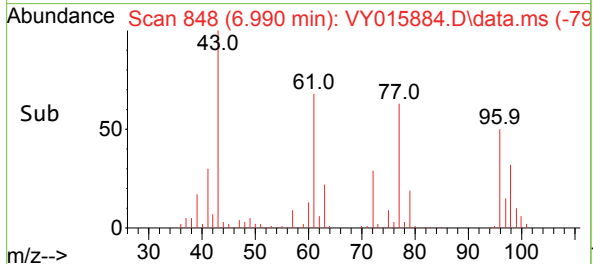
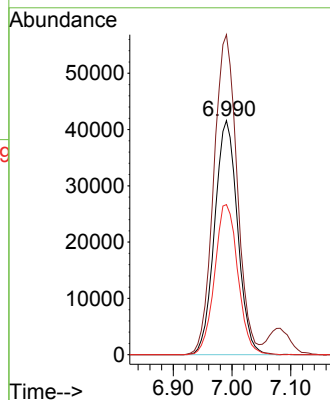
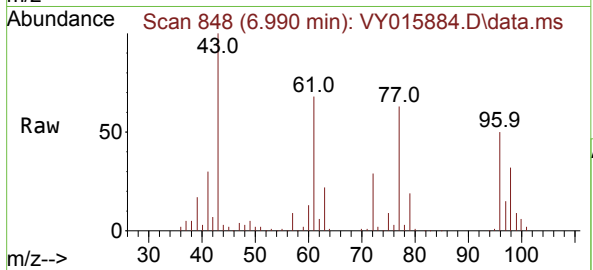
Tgt Ion: 96 Resp: 112730

Ion Ratio Lower Upper

96 100

61 138.9 0.0 301.4

98 65.1 0.0 130.4



#28

Bromochloromethane

Concen: 49.914 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

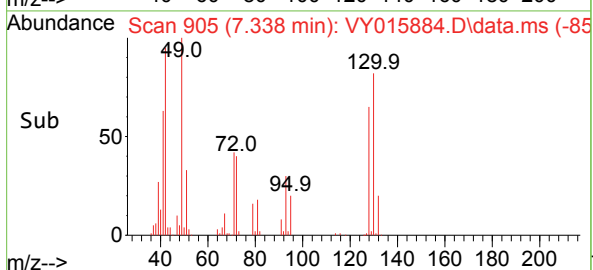
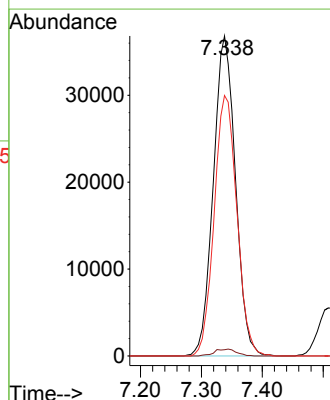
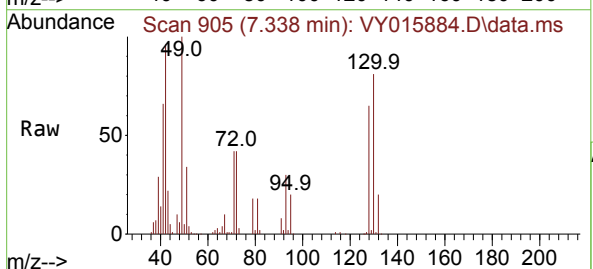
Tgt Ion: 49 Resp: 92995

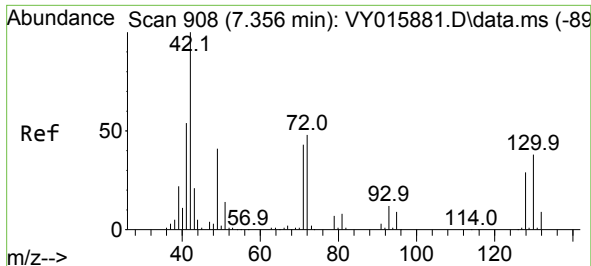
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 83.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 234.303 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

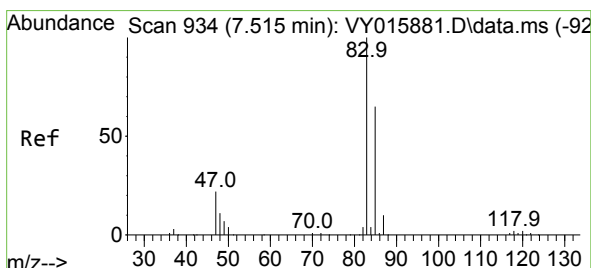
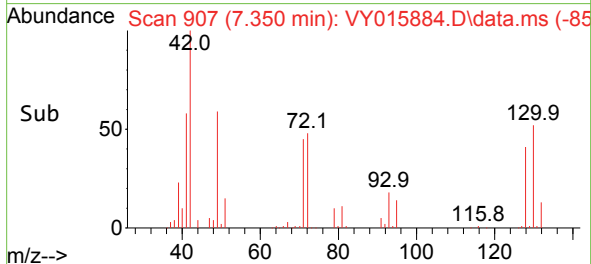
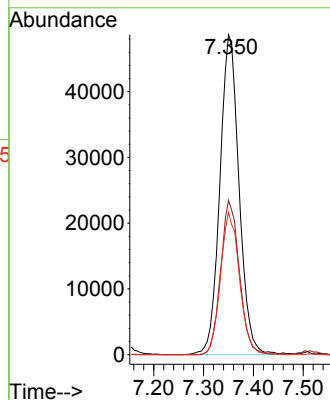
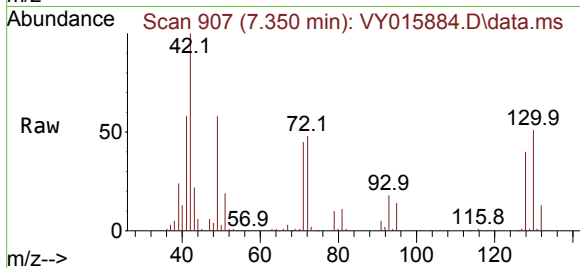
Tgt Ion: 42 Resp: 130259

Ion Ratio Lower Upper

42 100

72 47.0 32.8 49.2

71 44.1 31.0 46.4



#30

Chloroform

Concen: 53.547 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY015884.D

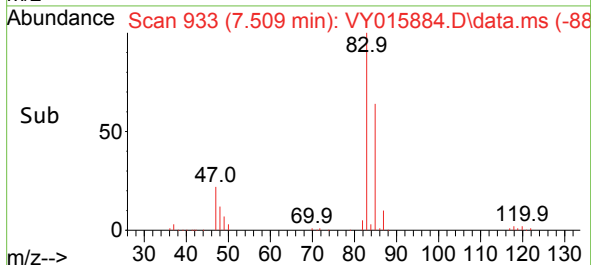
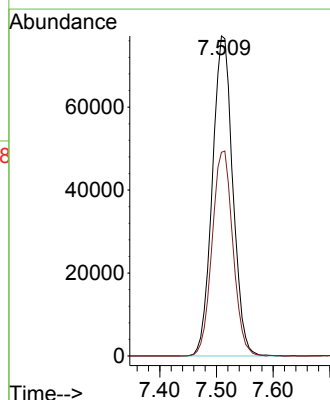
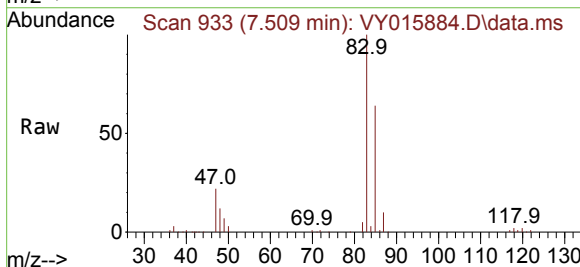
Acq: 09 Oct 2023 16:56

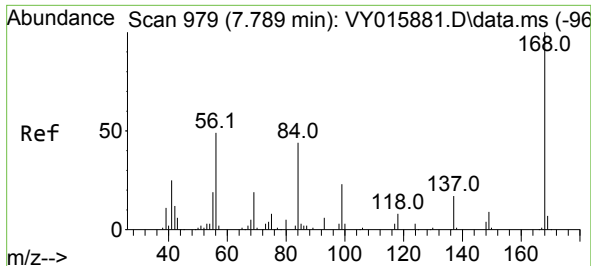
Tgt Ion: 83 Resp: 193074

Ion Ratio Lower Upper

83 100

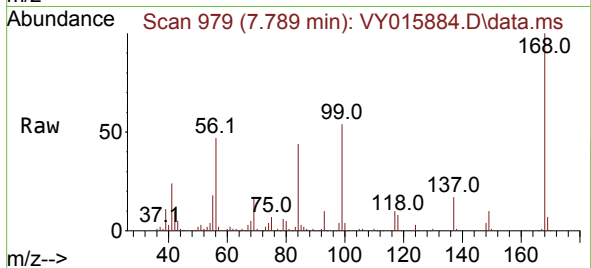
85 63.7 49.7 74.5



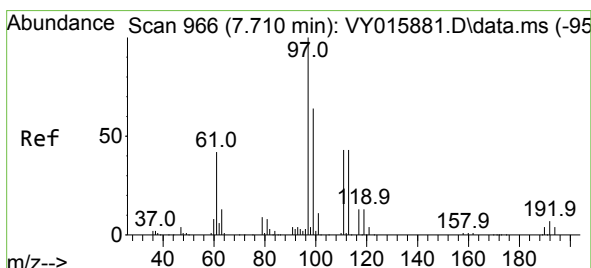
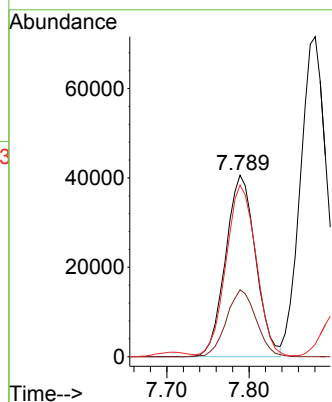
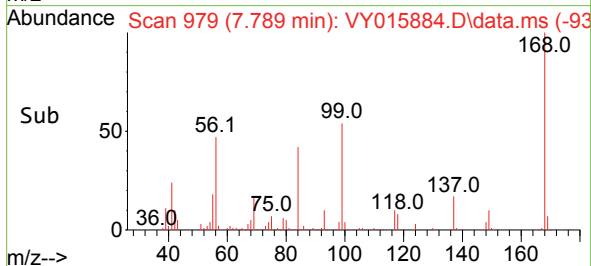


#31
Cyclohexane
Concen: 52.061 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

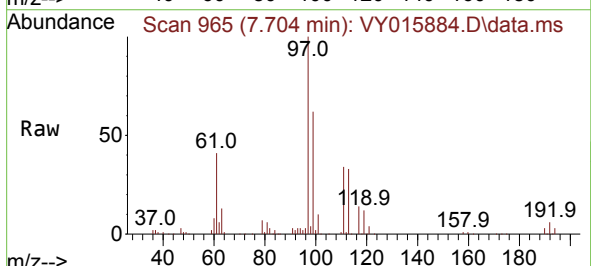
Instrument :
MSVOA_Y
ClientSampleId :



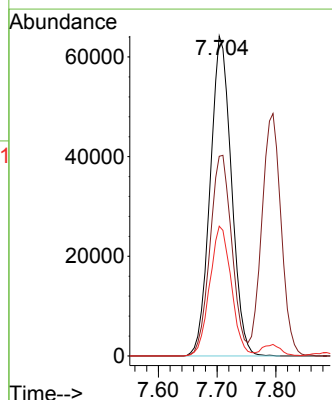
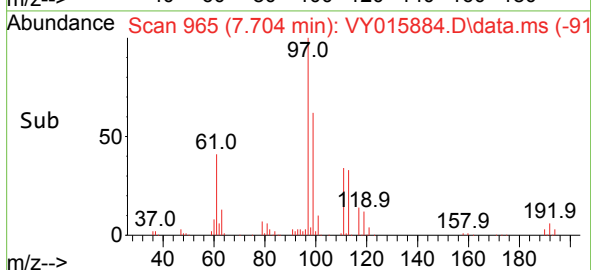
Tgt Ion: 56 Resp: 103295
Ion Ratio Lower Upper
56 100
69 36.8 27.8 41.6
84 92.3 66.4 99.6

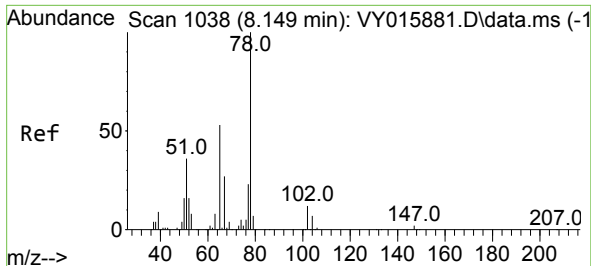


#32
1,1,1-Trichloroethane
Concen: 54.778 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56



Tgt Ion: 97 Resp: 161302
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 41.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.915 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

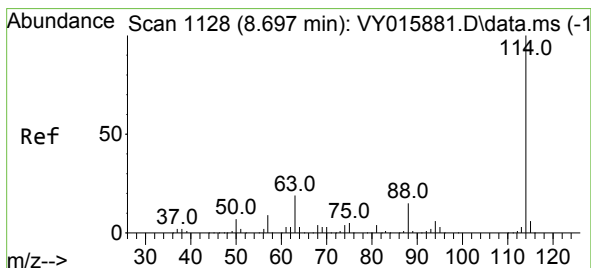
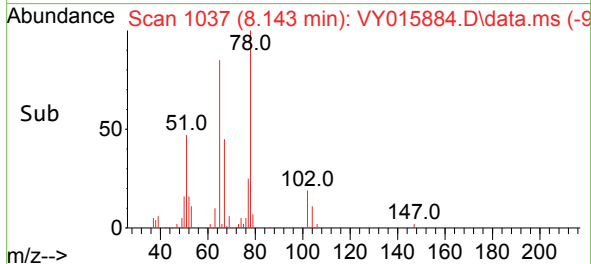
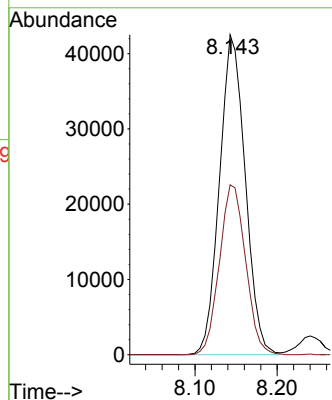
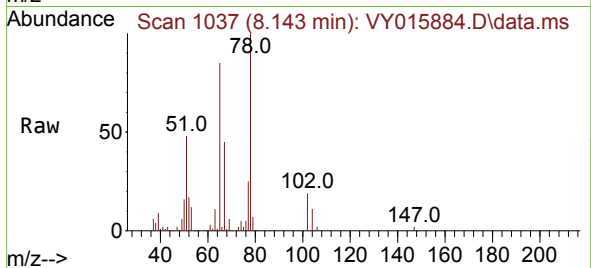
ClientSampleId :

Tgt Ion: 65 Resp: 92472

Ion Ratio Lower Upper

65 100

67 54.0 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: VY015884.D

Acq: 09 Oct 2023 16:56

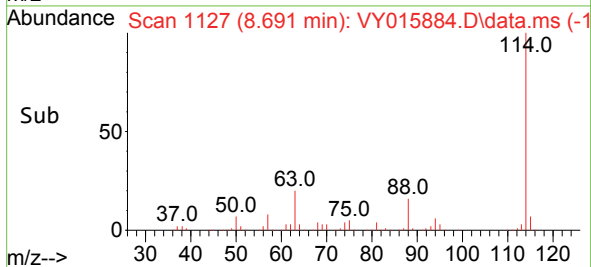
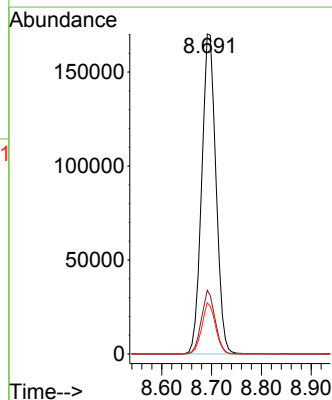
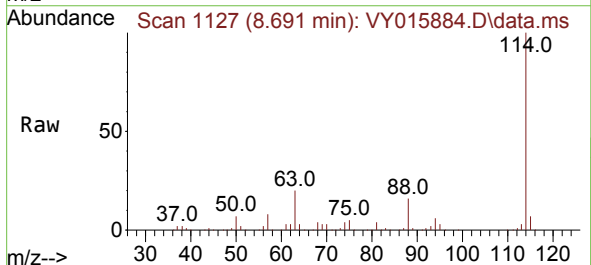
Tgt Ion: 114 Resp: 337834

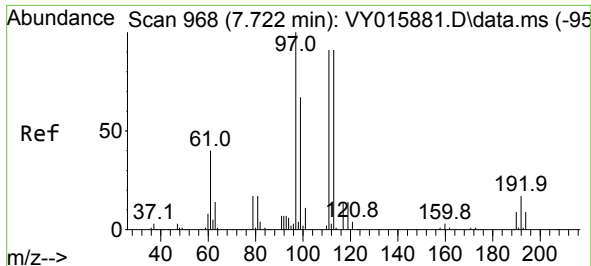
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

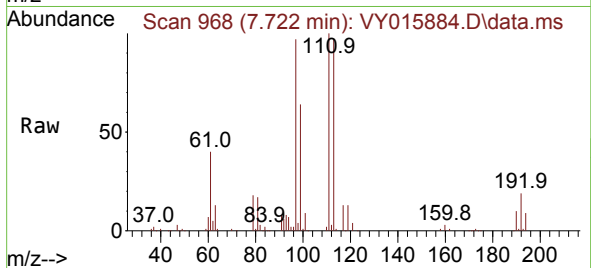
88 16.0 0.0 30.6



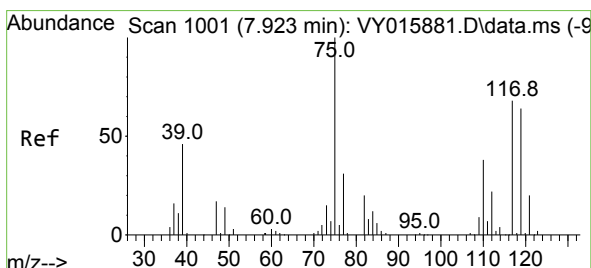
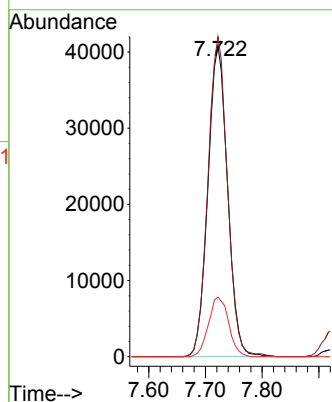
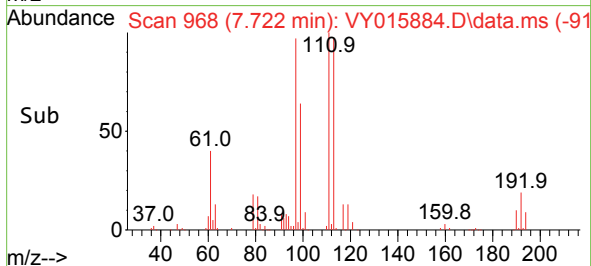


#35
Dibromofluoromethane
Concen: 52.147 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

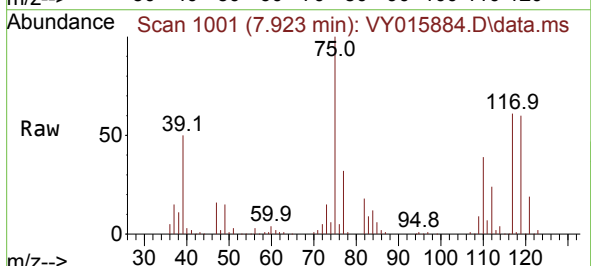
Instrument :
MSVOA_Y
ClientSampleId :



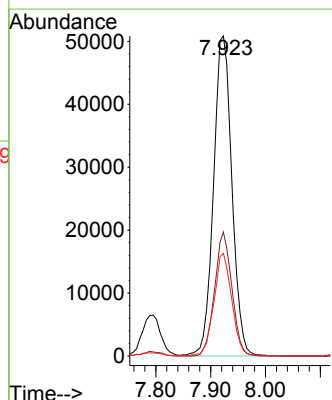
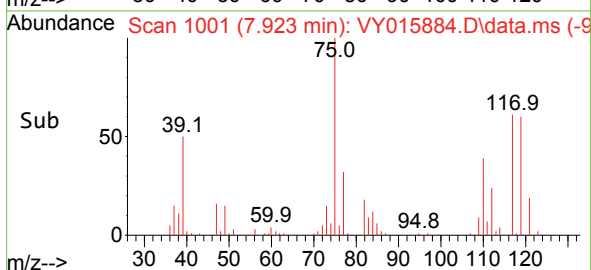
Tgt Ion:113 Resp: 98263
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.6 16.9 25.3

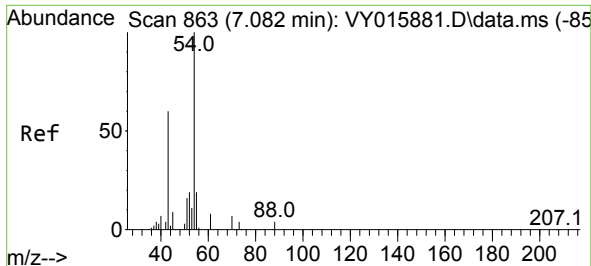


#36
1,1-Dichloropropene
Concen: 56.783 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56



Tgt Ion: 75 Resp: 118504
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 48.715 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

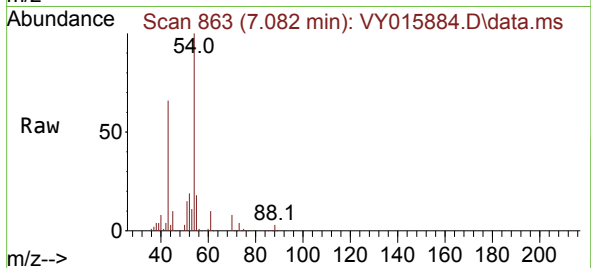
Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :



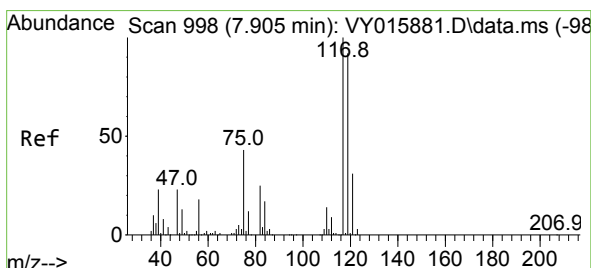
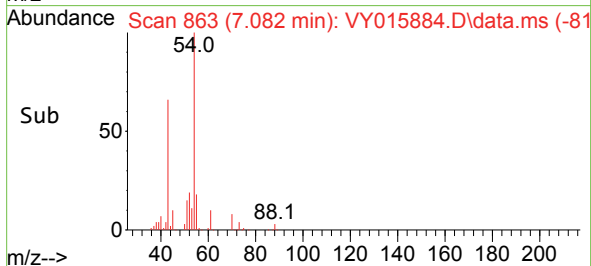
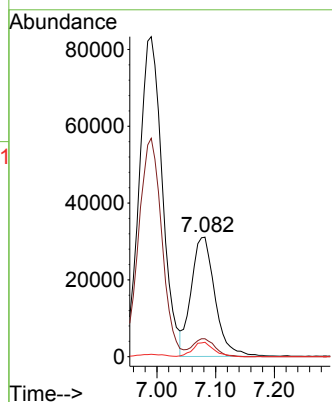
Tgt Ion: 43 Resp: 87315

Ion Ratio Lower Upper

43 100

61 14.5 10.1 15.1

70 10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 55.209 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

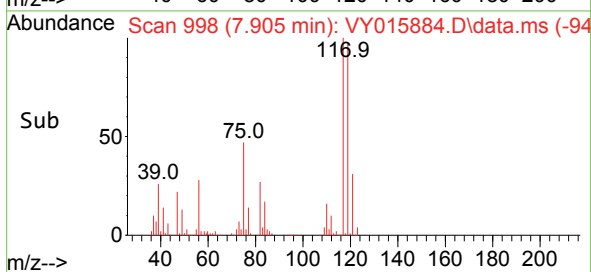
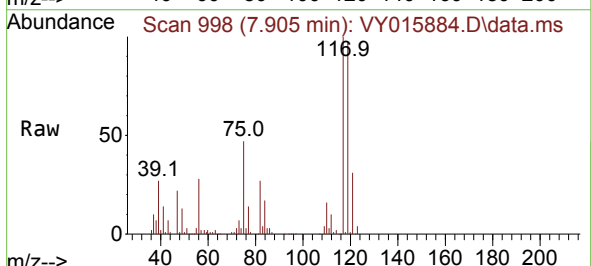
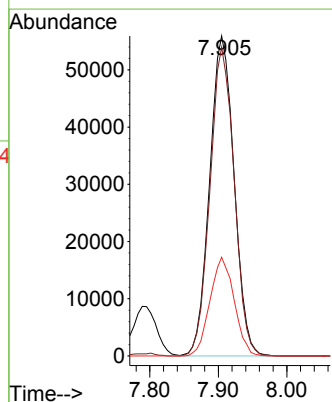
Tgt Ion: 117 Resp: 138372

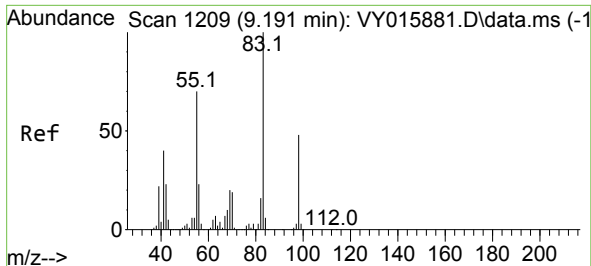
Ion Ratio Lower Upper

117 100

119 96.5 76.4 114.6

121 30.9 25.8 38.6





#39

Methylcyclohexane

Concen: 57.483 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

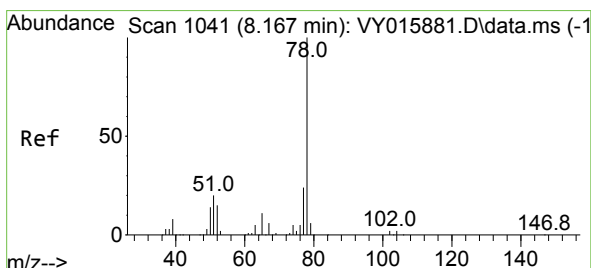
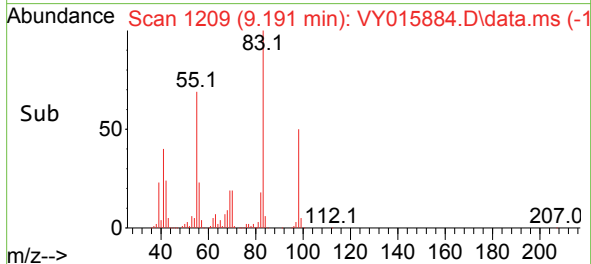
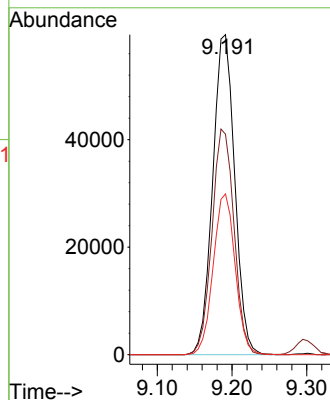
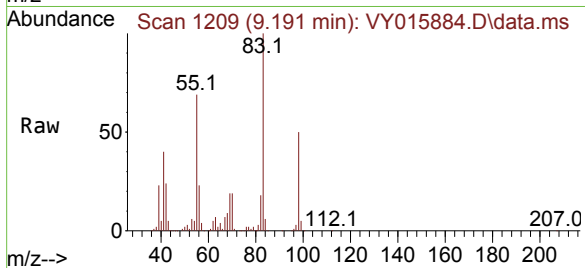
Tgt Ion: 83 Resp: 121855

Ion Ratio Lower Upper

83 100

55 68.9 63.0 94.4

98 50.3 37.4 56.2



#40

Benzene

Concen: 55.688 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY015884.D

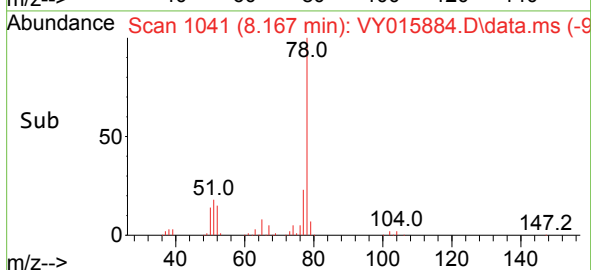
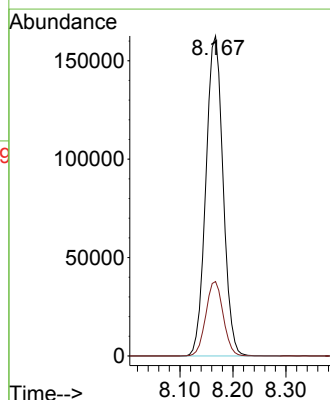
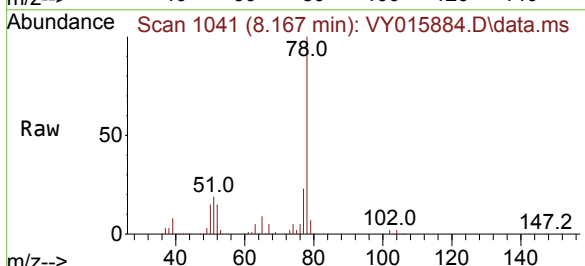
Acq: 09 Oct 2023 16:56

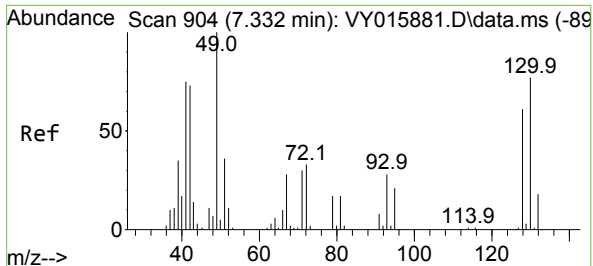
Tgt Ion: 78 Resp: 365231

Ion Ratio Lower Upper

78 100

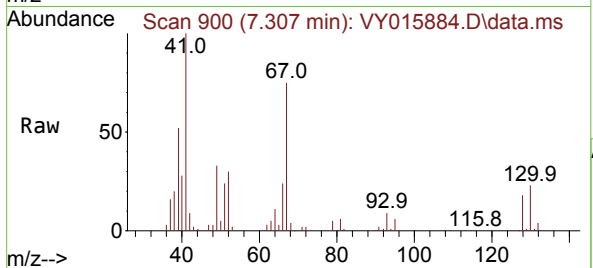
77 23.3 19.0 28.6



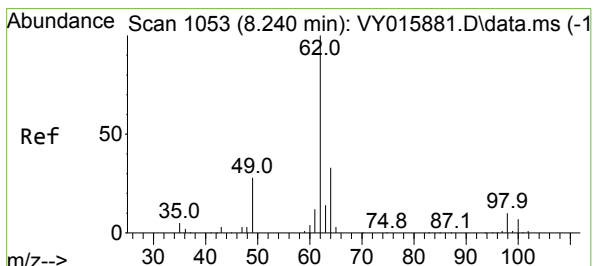
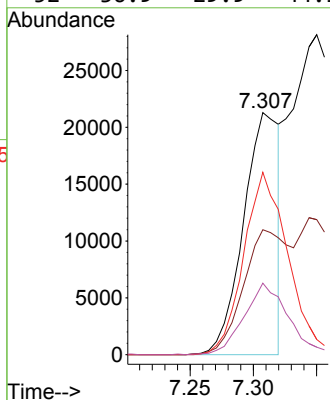
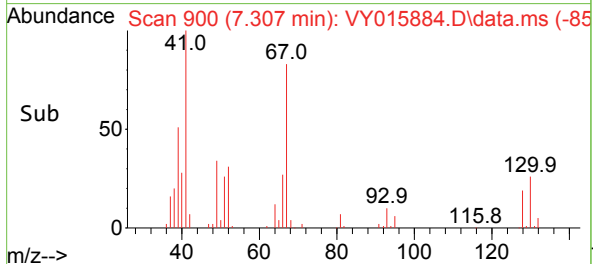


#41
Methacrylonitrile
Concen: 37.421 ug/l
RT: 7.307 min Scan# 904
Delta R.T. -0.024 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Instrument :
MSVOA_Y
ClientSampleId :

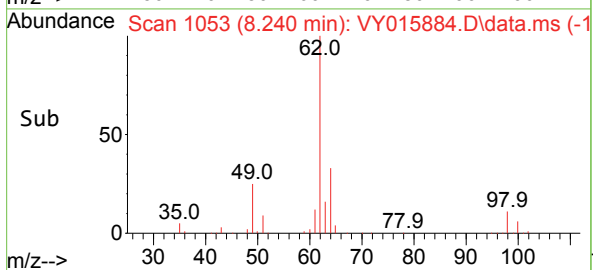
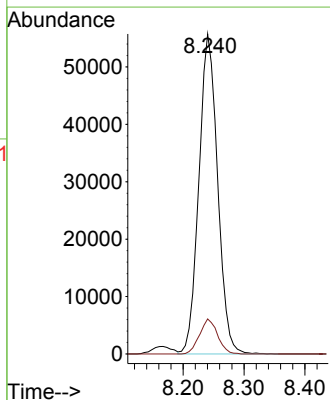
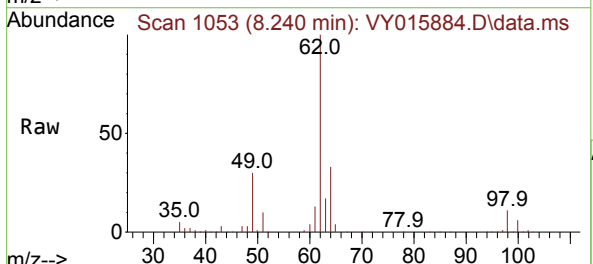


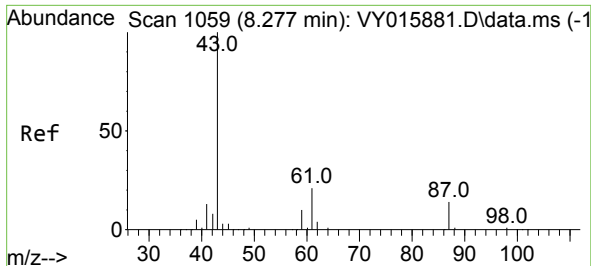
Tgt Ion:	41	Resp:	41718
Ion	Ratio	Lower	Upper
41	100		
39	68.6	52.1	78.1
67	93.8	66.2	99.2
52	36.9	29.9	44.9



#42
1,2-Dichloroethane
Concen: 53.268 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion:	62	Resp:	119091
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	15.8

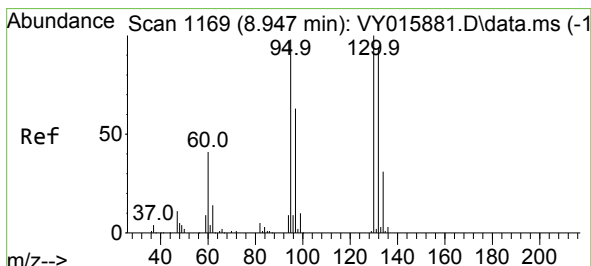
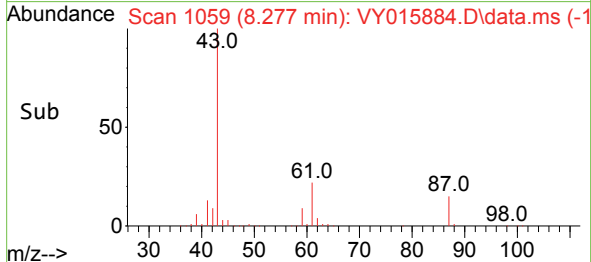
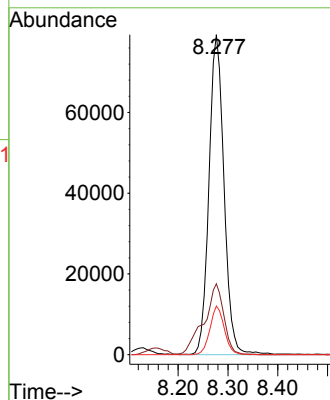
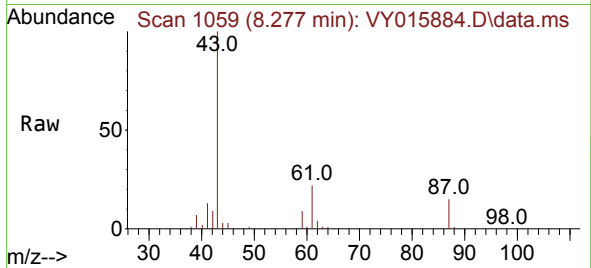




#43
Isopropyl Acetate
Concen: 50.102 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

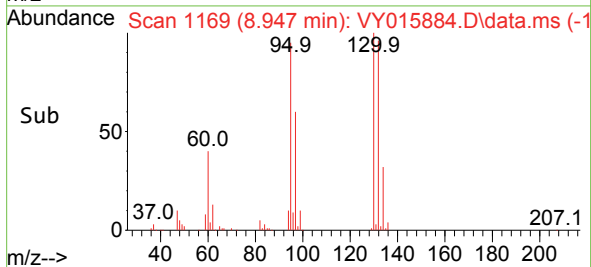
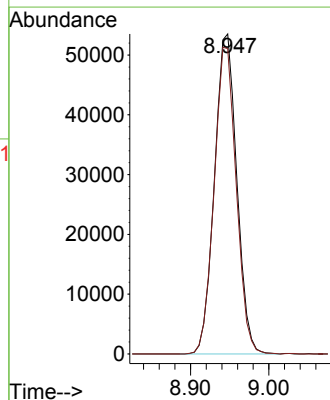
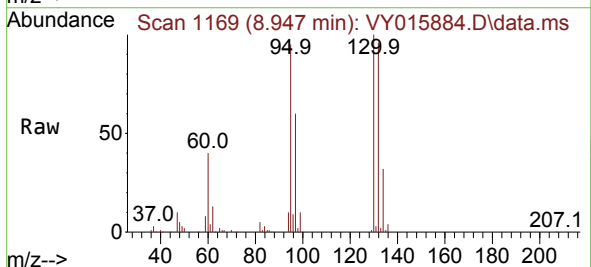
Instrument :
MSVOA_Y
ClientSampleId :

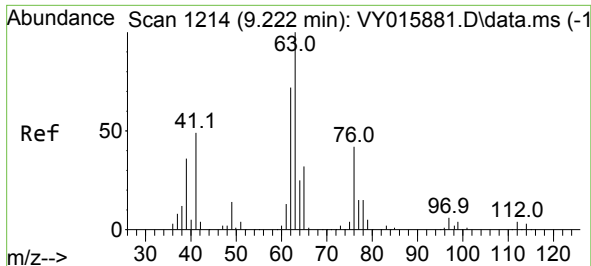
Tgt Ion: 43 Resp: 166229
Ion Ratio Lower Upper
43 100
61 29.4 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 55.881 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion:130 Resp: 106052
Ion Ratio Lower Upper
130 100
95 95.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.897 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

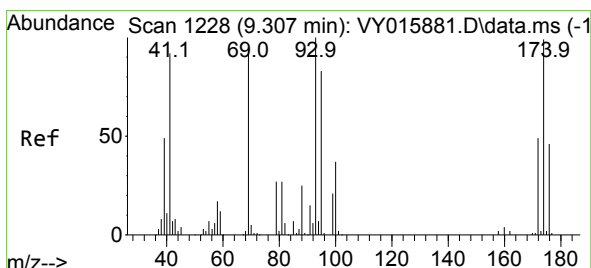
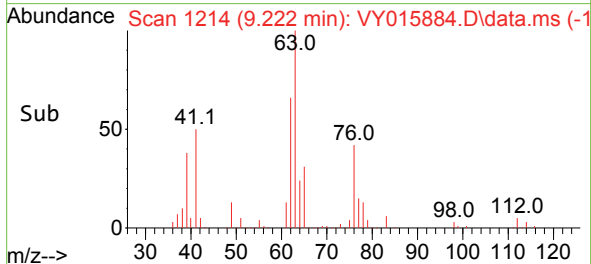
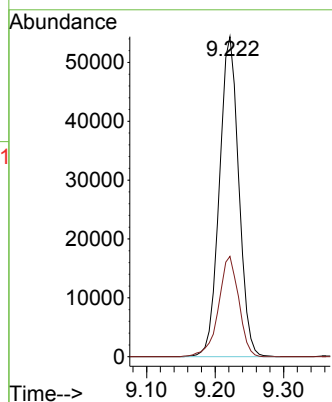
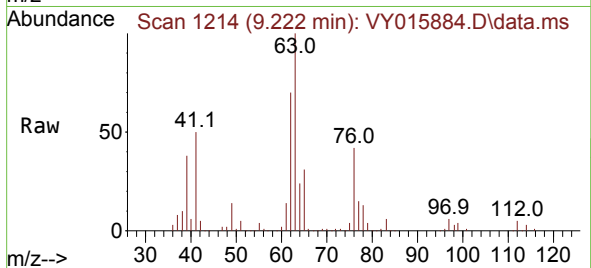
ClientSampleId :

Tgt Ion: 63 Resp: 106323

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 53.724 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

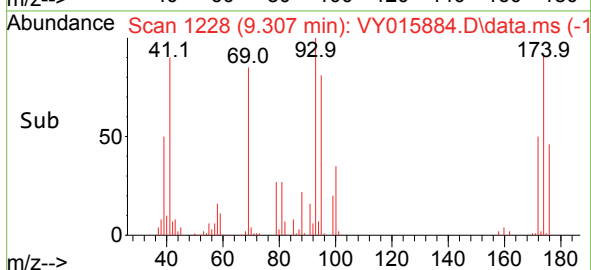
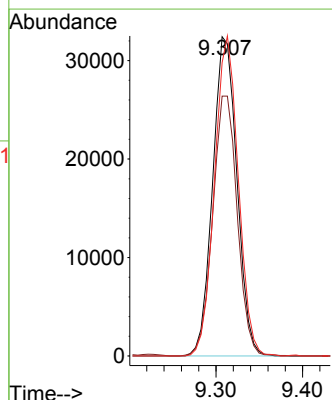
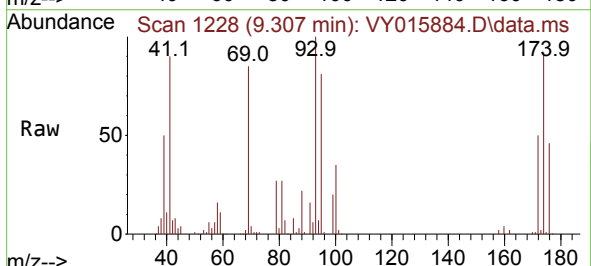
Tgt Ion: 93 Resp: 63069

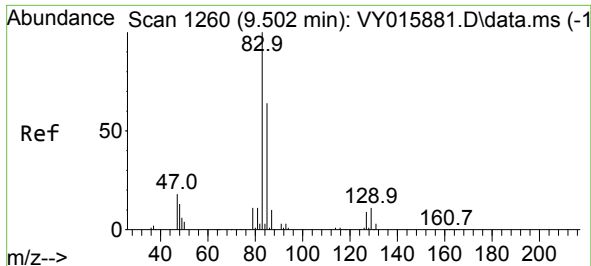
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 98.3 84.8 127.2

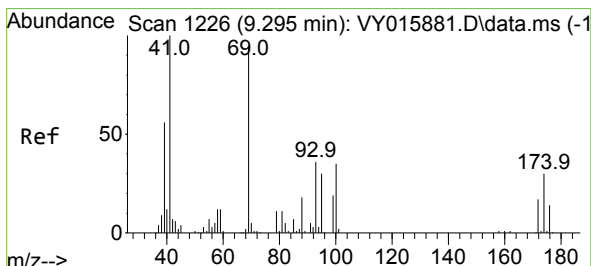
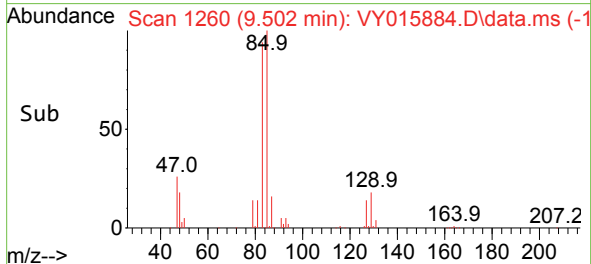
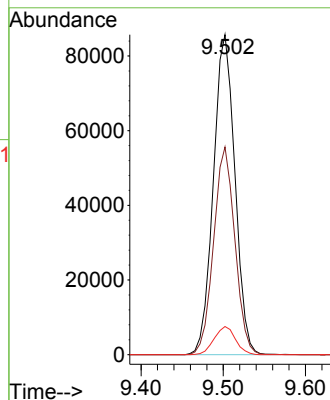
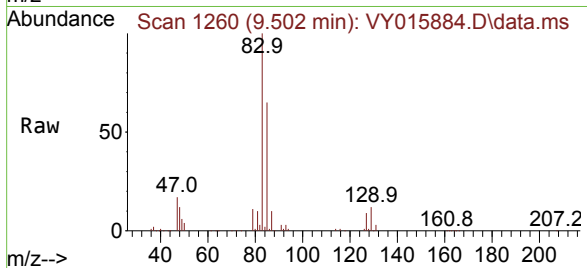




#47
Bromodichloromethane
Concen: 53.472 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

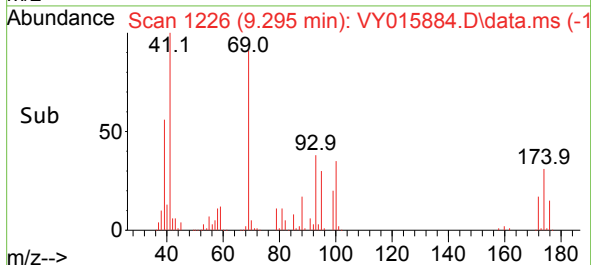
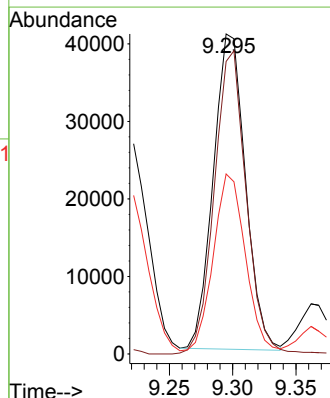
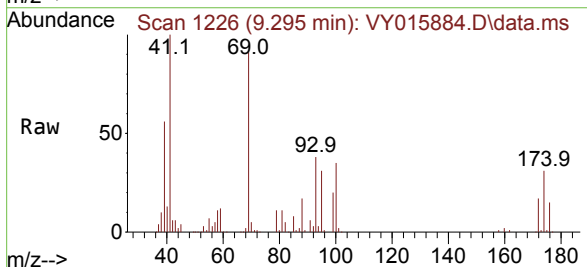
Instrument :
MSVOA_Y
ClientSampleId :

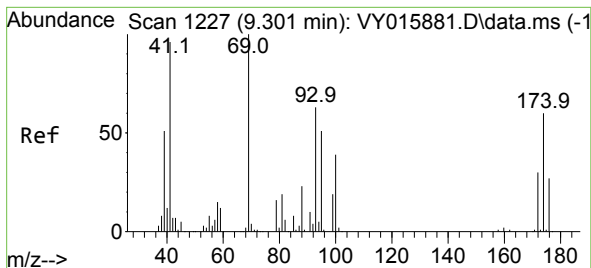
Tgt Ion: 83 Resp: 156122
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 48.946 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 41 Resp: 71716
Ion Ratio Lower Upper
41 100
69 95.8 64.5 96.7
39 57.7 50.8 76.2





#49

1,4-Dioxane

Concen: 973.234 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

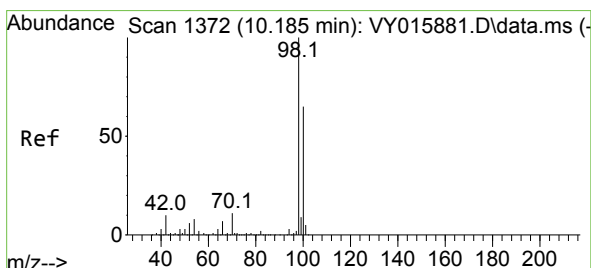
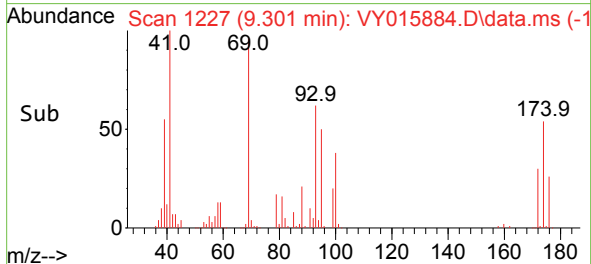
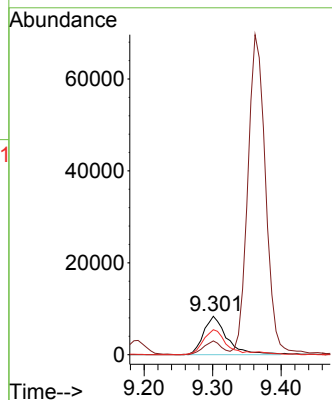
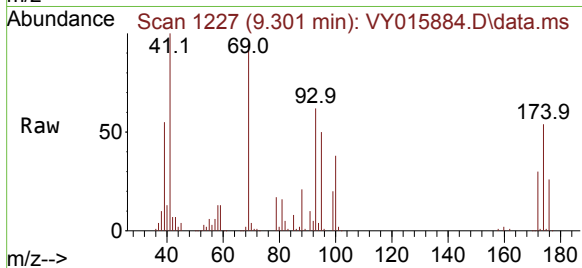
Tgt Ion: 88 Resp: 19861

Ion Ratio Lower Upper

88 100

43 28.2 0.0 0.0#

58 62.8 30.9 46.3#



#50

Toluene-d8

Concen: 53.122 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY015884.D

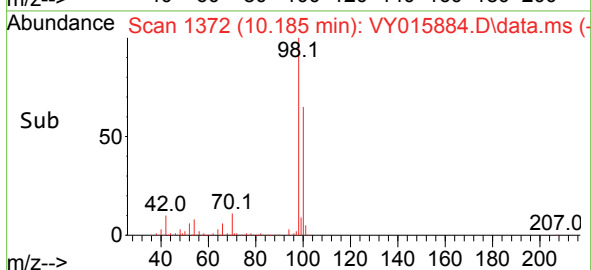
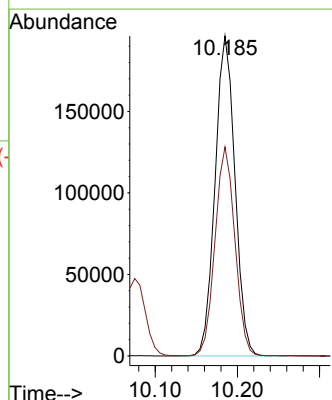
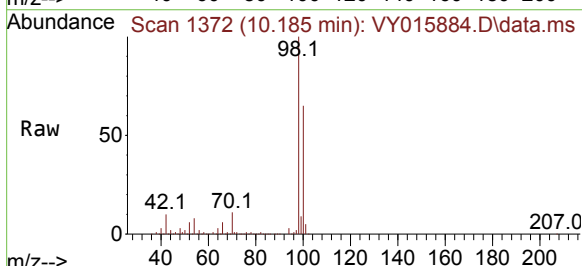
Acq: 09 Oct 2023 16:56

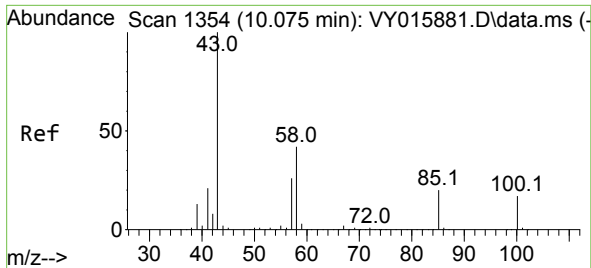
Tgt Ion: 98 Resp: 329901

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

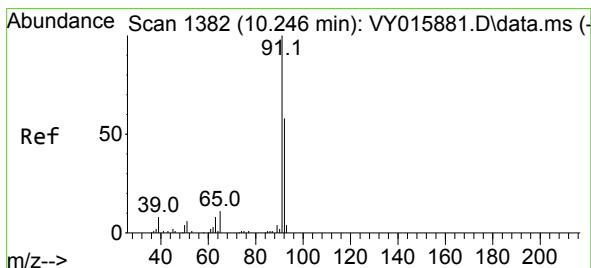
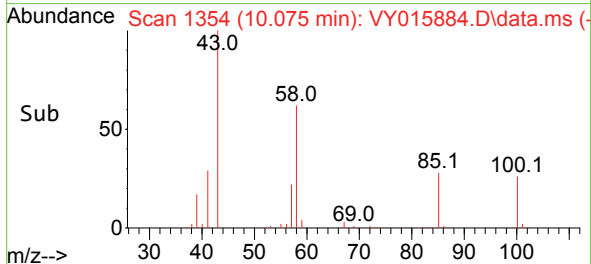
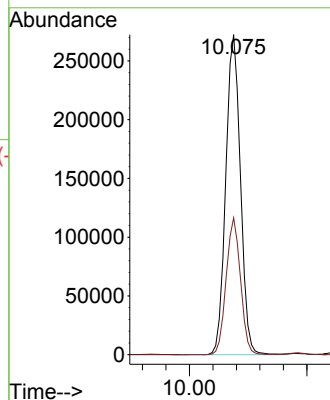
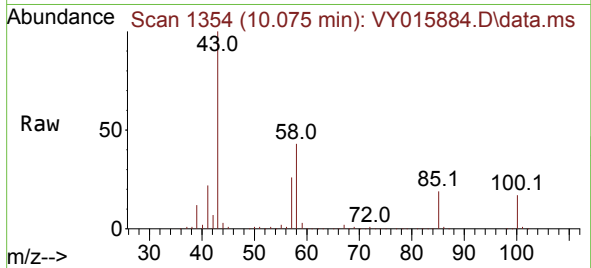




#51
4-Methyl-2-Pentanone
Concen: 237.565 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

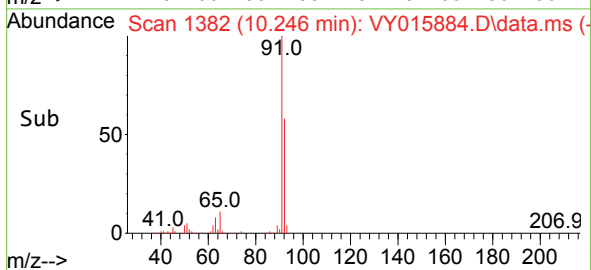
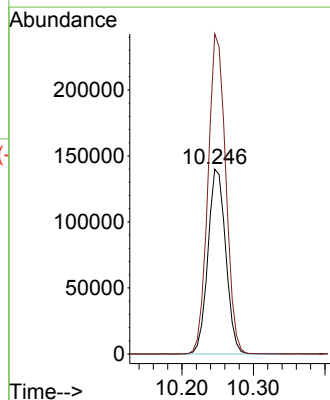
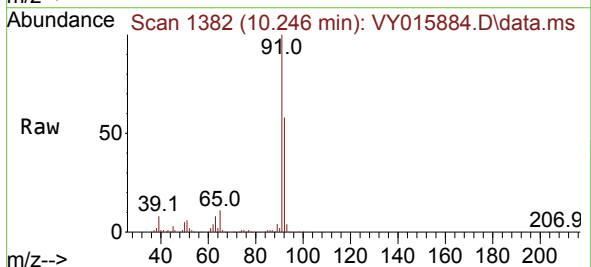
Instrument :
MSVOA_Y
ClientSampleId :

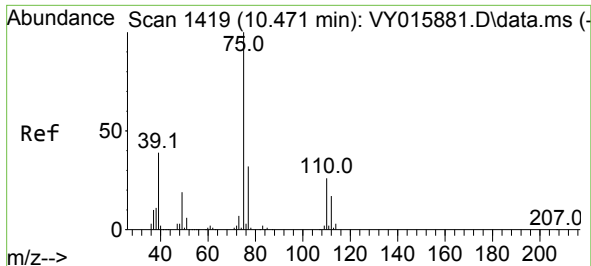
Tgt Ion: 43 Resp: 471564
Ion Ratio Lower Upper
43 100
58 41.8 29.0 43.6



#52
Toluene
Concen: 55.568 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 92 Resp: 241915
Ion Ratio Lower Upper
92 100
91 172.5 143.8 215.6

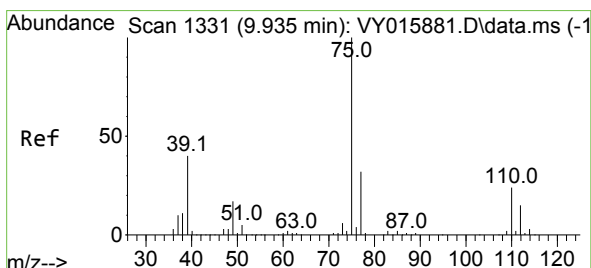
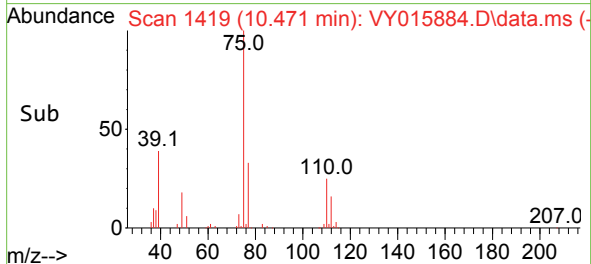
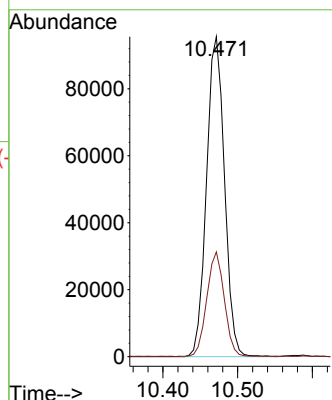
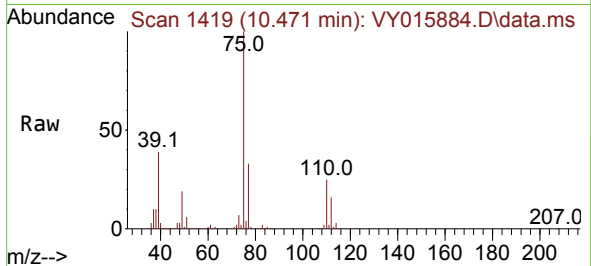




#53
 t-1,3-Dichloropropene
 Concen: 54.076 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY015884.D
 Acq: 09 Oct 2023 16:56

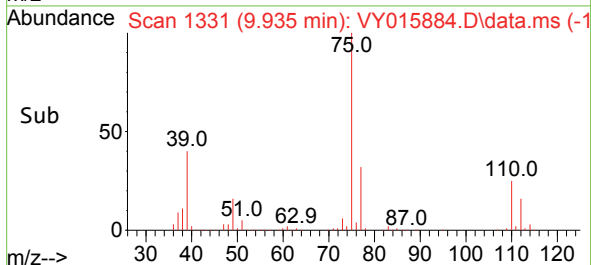
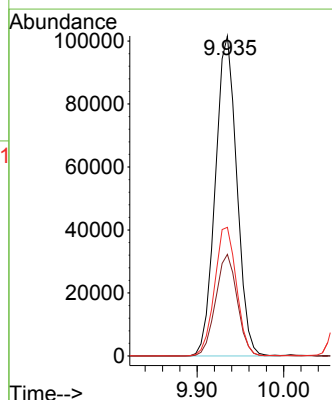
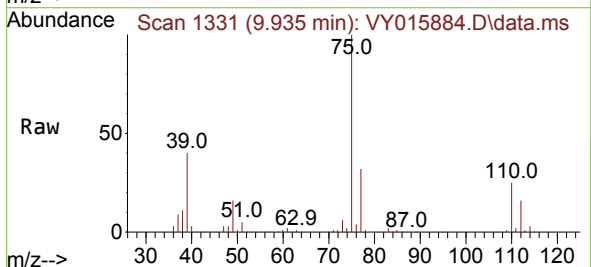
Instrument :
 MSVOA_Y
 ClientSampleId :

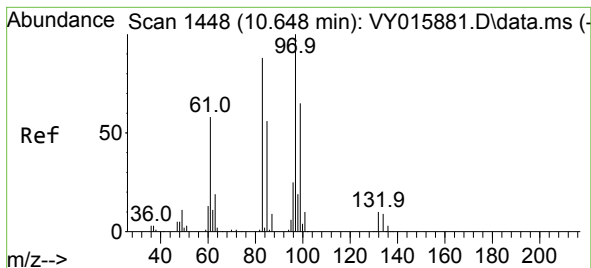
Tgt Ion: 75 Resp: 159612
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 54.511 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY015884.D
 Acq: 09 Oct 2023 16:56

Tgt Ion: 75 Resp: 174775
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 40.2 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 50.917 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 95177

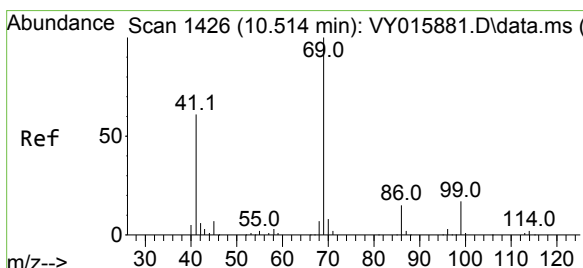
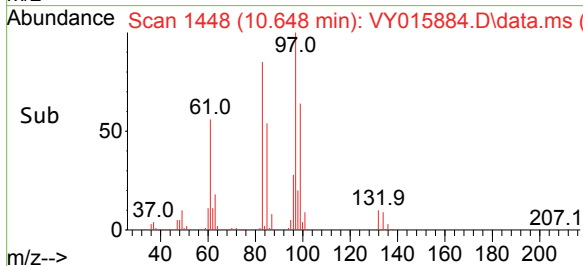
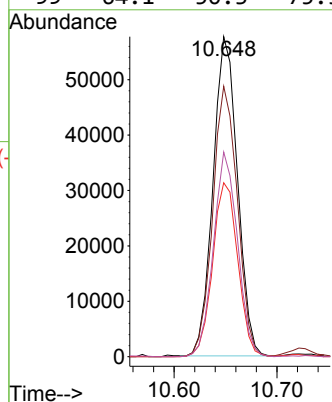
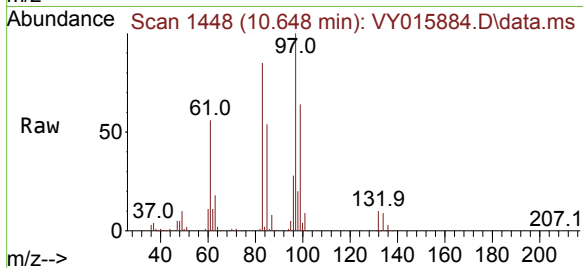
Ion Ratio Lower Upper

97 100

83 84.6 72.0 108.0

85 54.5 45.4 68.0

99 64.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 51.988 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

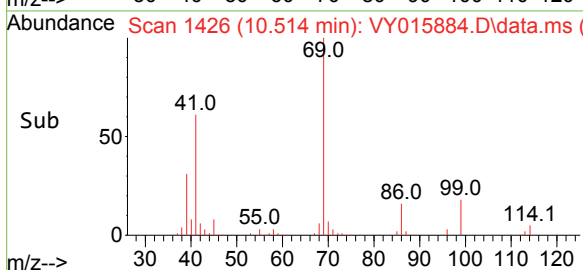
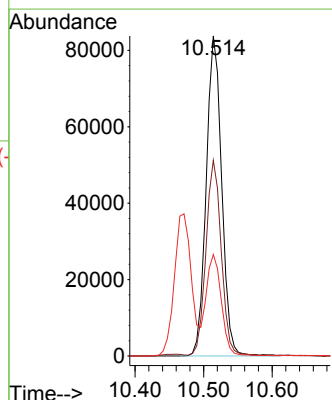
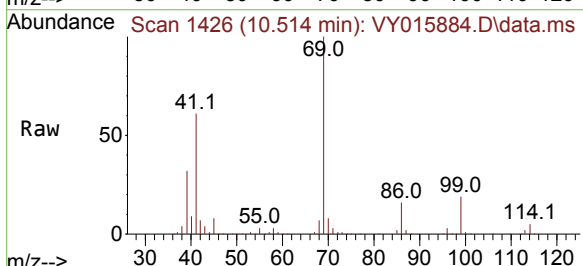
Tgt Ion: 69 Resp: 131932

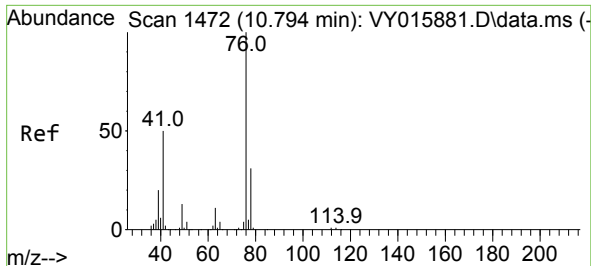
Ion Ratio Lower Upper

69 100

41 60.0 57.6 86.4

39 30.4 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 52.211 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

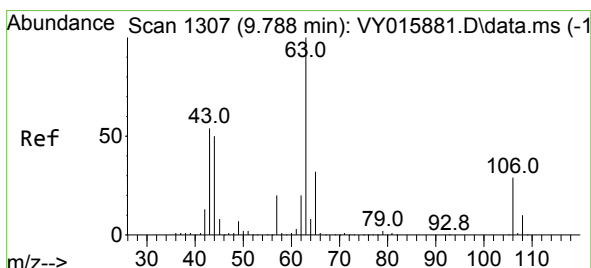
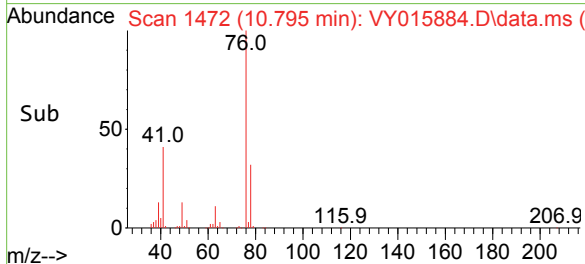
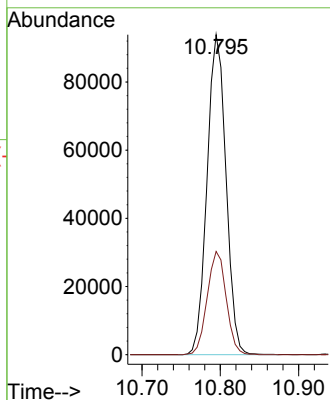
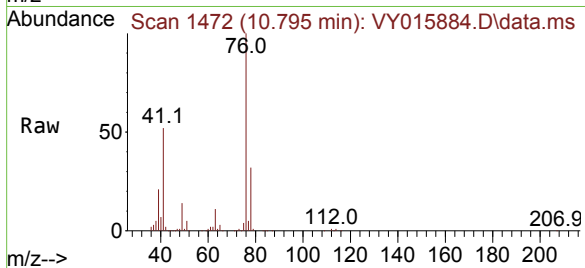
ClientSampleId :

Tgt Ion: 76 Resp: 157352

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 251.414 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY015884.D

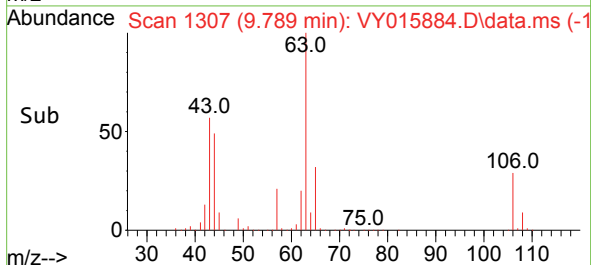
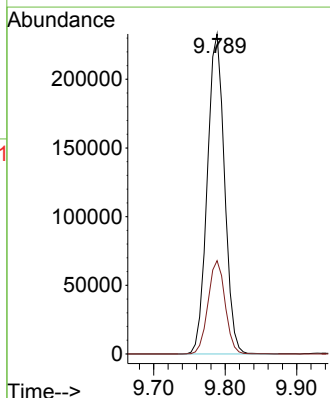
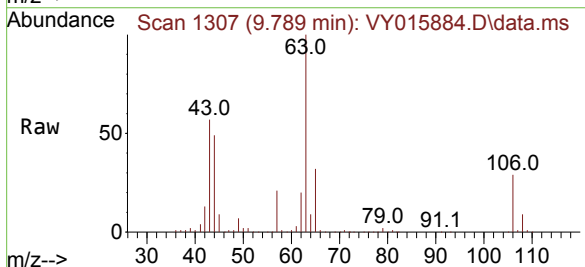
Acq: 09 Oct 2023 16:56

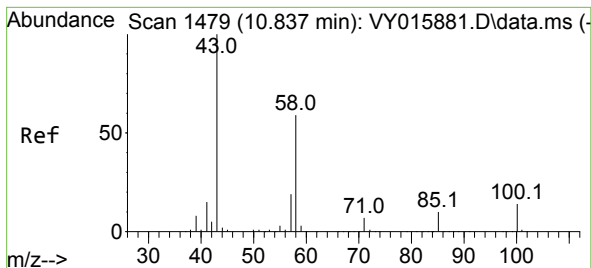
Tgt Ion: 63 Resp: 388886

Ion Ratio Lower Upper

63 100

106 29.0 21.2 31.8

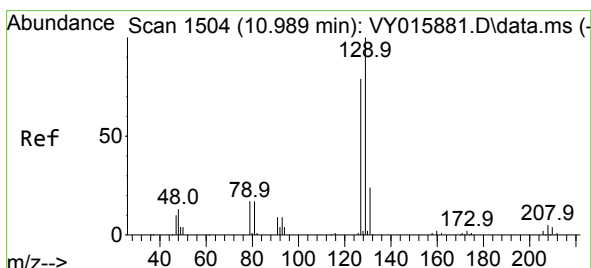
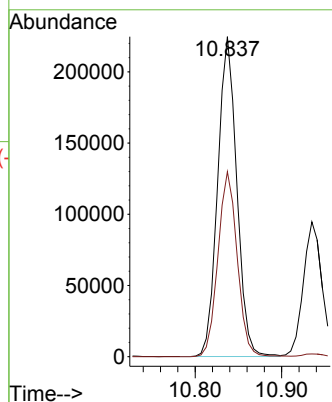
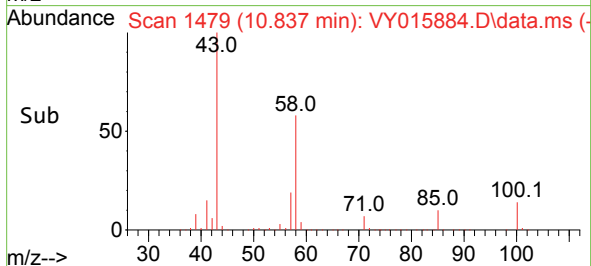
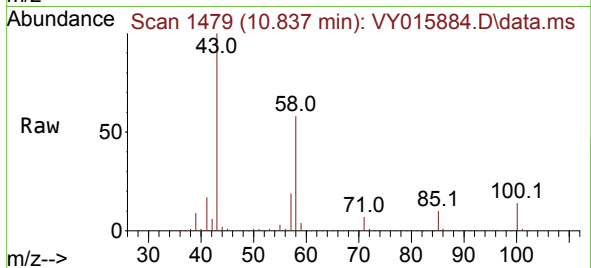




#59
2-Hexanone
Concen: 229.271 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

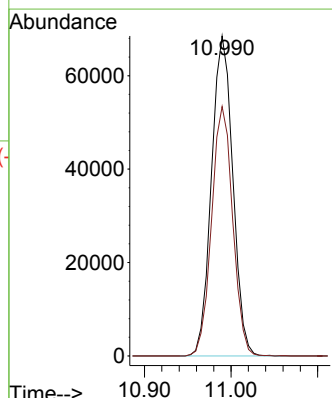
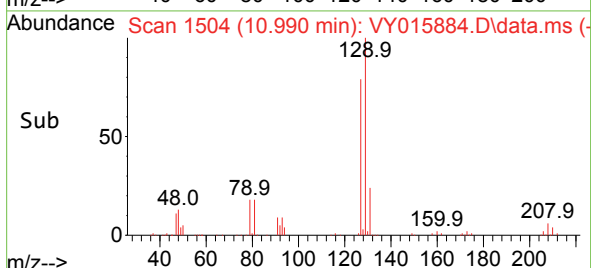
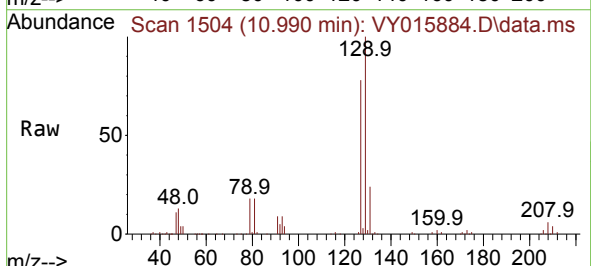
Instrument :
MSVOA_Y
ClientSampleId :

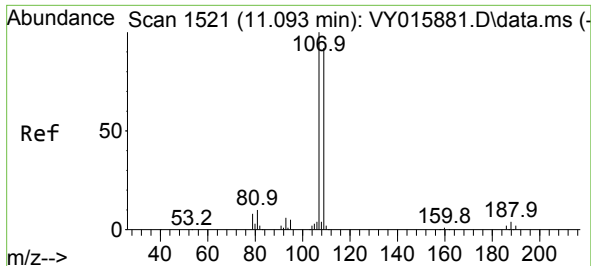
Tgt Ion: 43 Resp: 344306
Ion Ratio Lower Upper
43 100
58 58.3 25.1 75.3



#60
Dibromochloromethane
Concen: 52.312 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

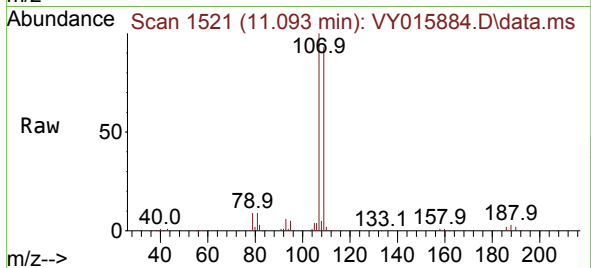
Tgt Ion:129 Resp: 117226
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5



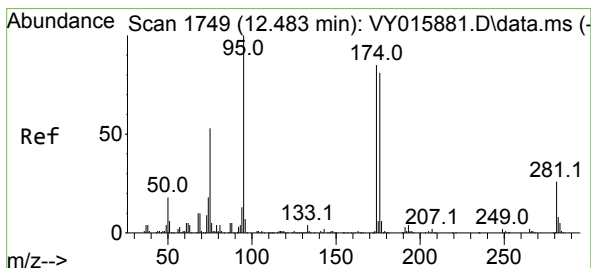
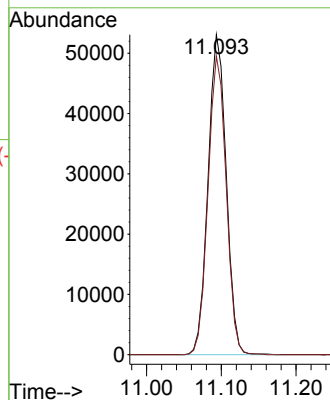
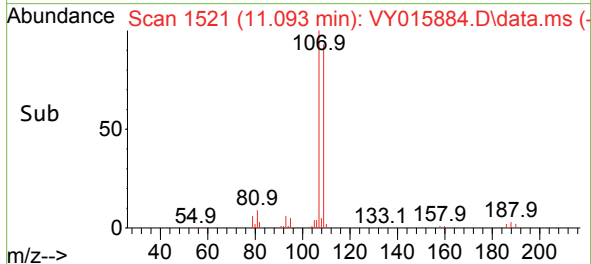


#61
1,2-Dibromoethane
Concen: 52.541 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

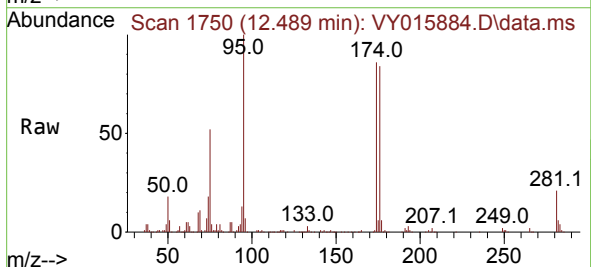
Instrument :
MSVOA_Y
ClientSampleId :



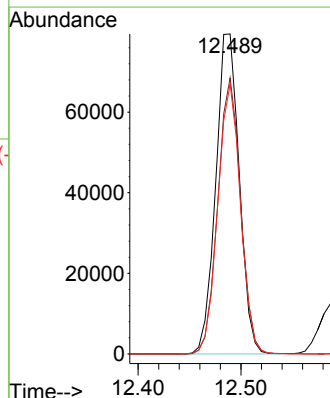
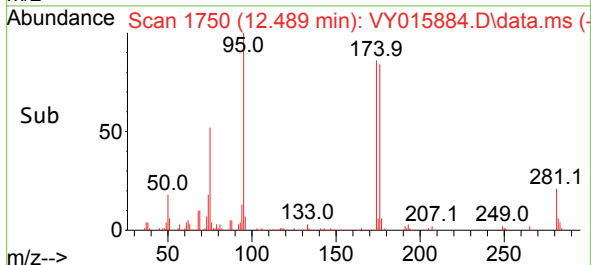
Tgt Ion:107 Resp: 89701
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4

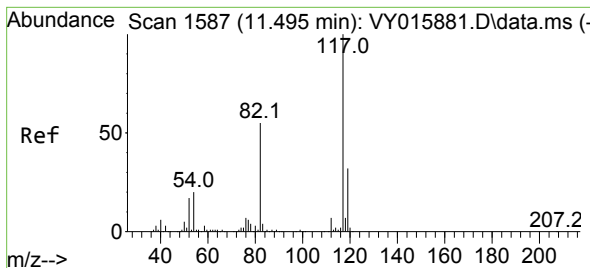


#62
4-Bromofluorobenzene
Concen: 49.972 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56



Tgt Ion: 95 Resp: 126053
Ion Ratio Lower Upper
95 100
174 83.5 0.0 178.2
176 81.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

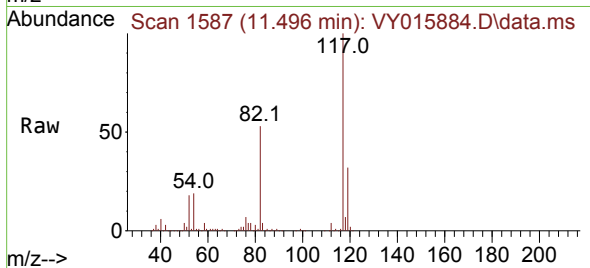
Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :



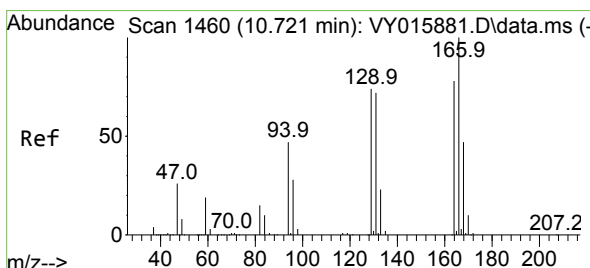
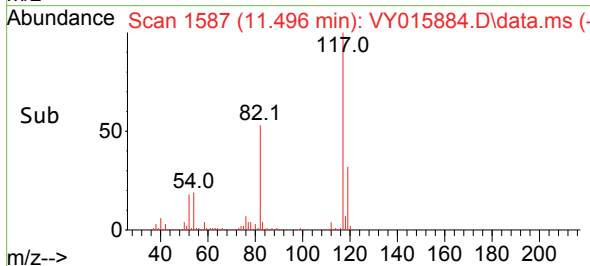
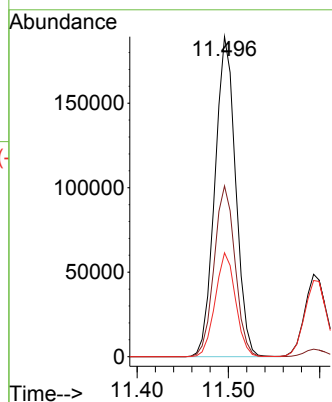
Tgt Ion:117 Resp: 298805

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 32.5 26.3 39.5



#64

Tetrachloroethene

Concen: 52.862 ug/l

RT: 10.728 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Tgt Ion:164 Resp: 103082

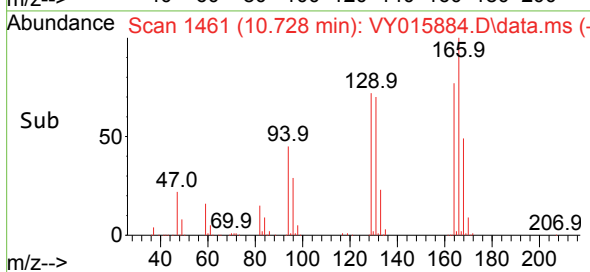
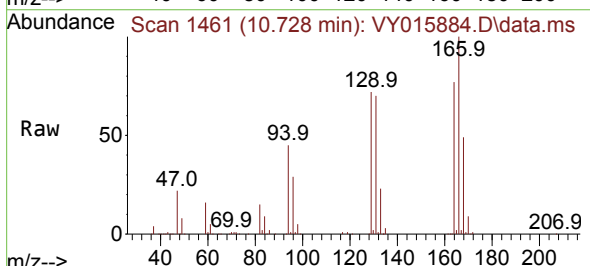
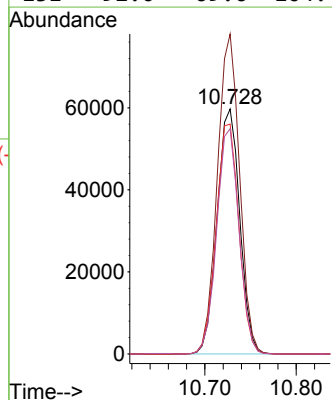
Ion Ratio Lower Upper

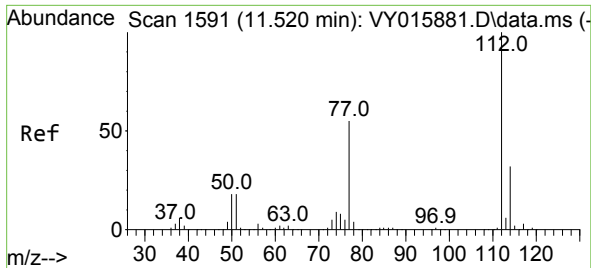
164 100

166 130.6 103.0 154.6

129 93.9 77.2 115.8

131 92.0 69.6 104.4

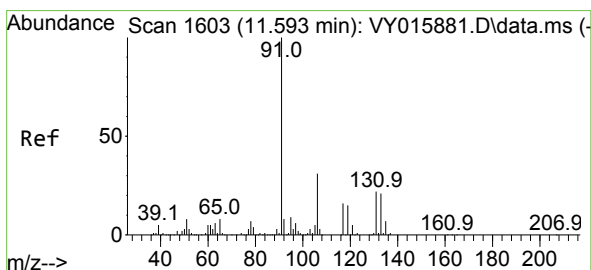
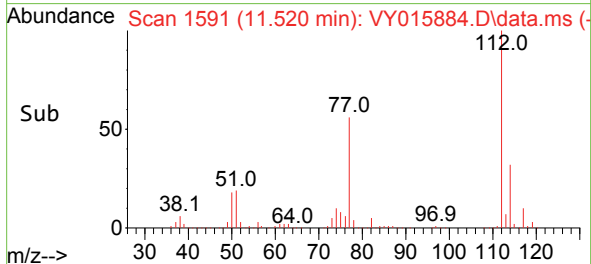
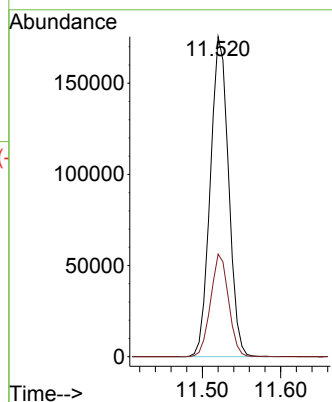
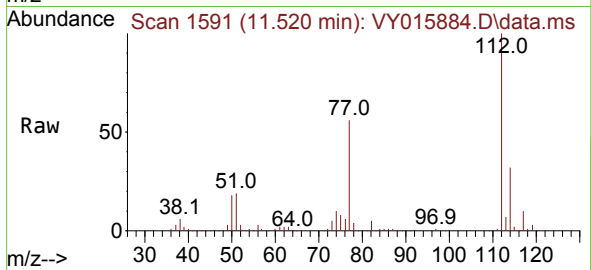




#65
Chlorobenzene
Concen: 54.531 ug/l
RT: 11.520 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

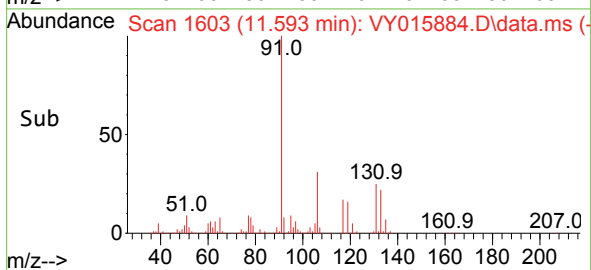
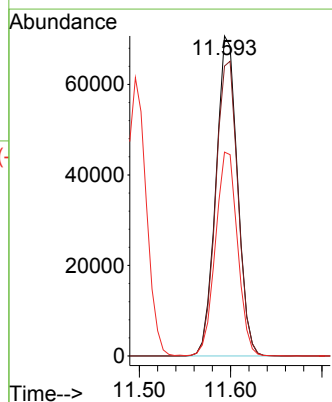
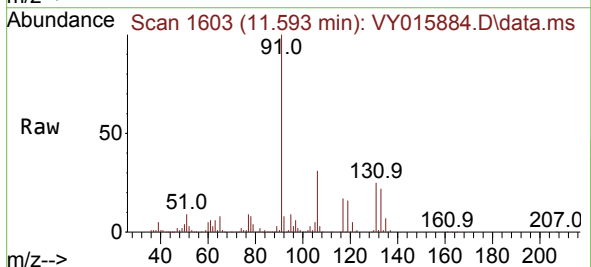
Instrument :
MSVOA_Y
ClientSampleId :

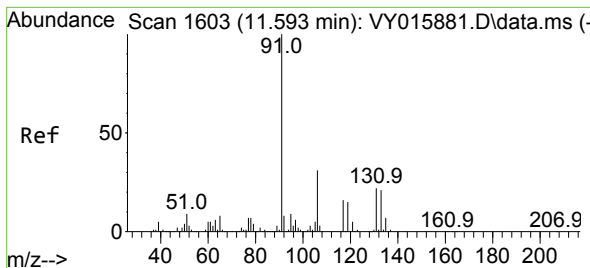
Tgt Ion:112 Resp: 284215
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.496 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion:131 Resp: 116092
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 55.512 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

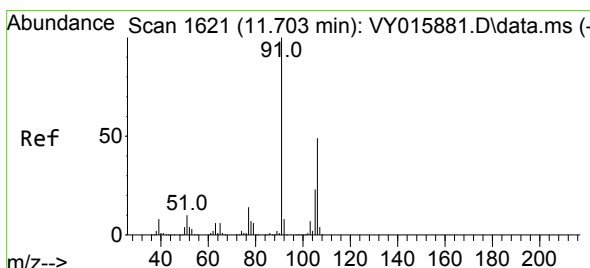
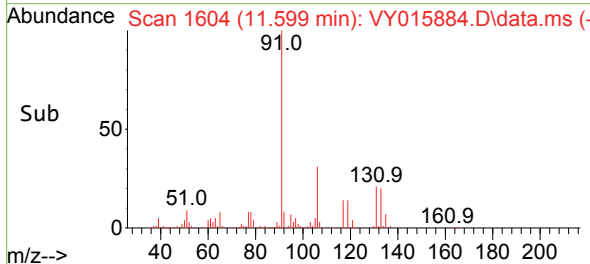
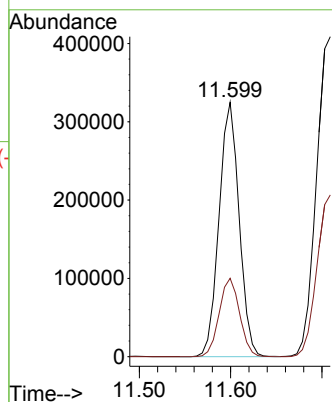
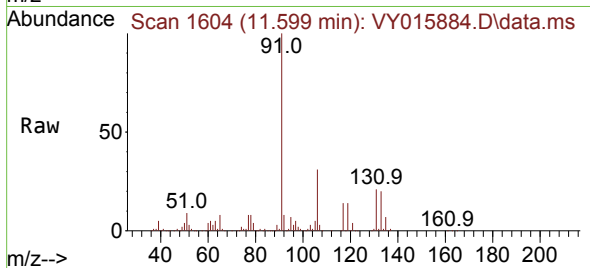
ClientSampleId :

Tgt Ion: 91 Resp: 496363

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 111.795 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015884.D

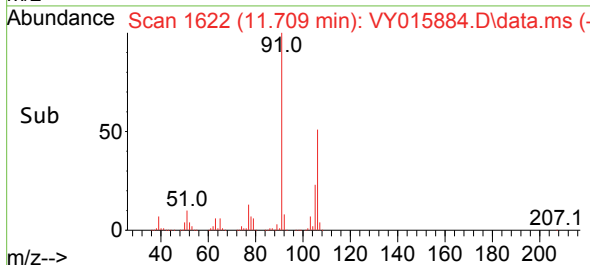
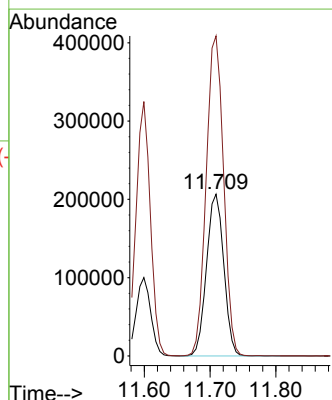
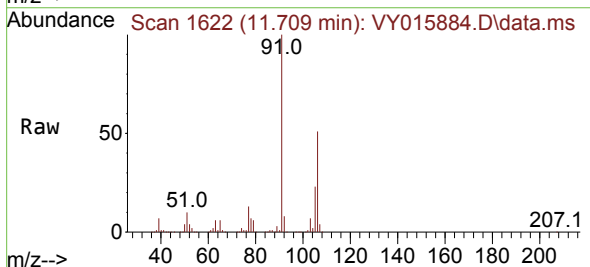
Acq: 09 Oct 2023 16:56

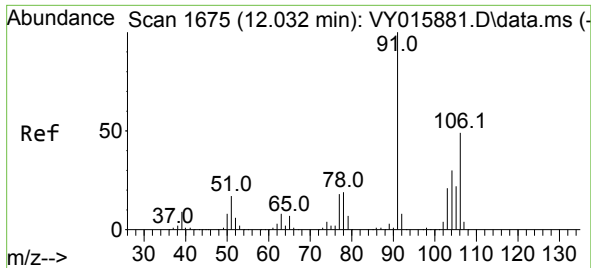
Tgt Ion:106 Resp: 376669

Ion Ratio Lower Upper

106 100

91 199.7 166.1 249.1

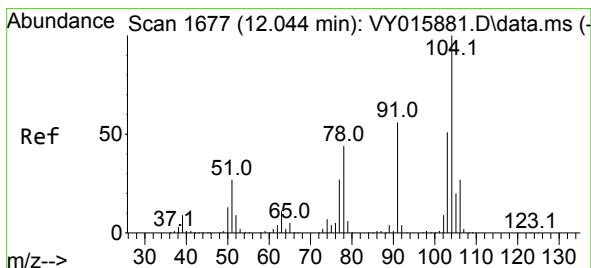
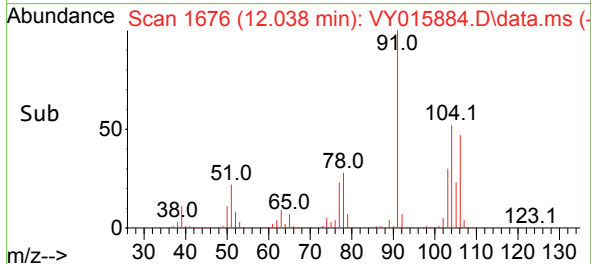
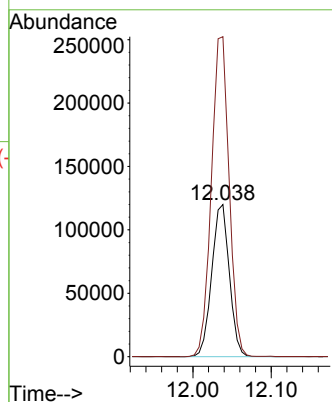
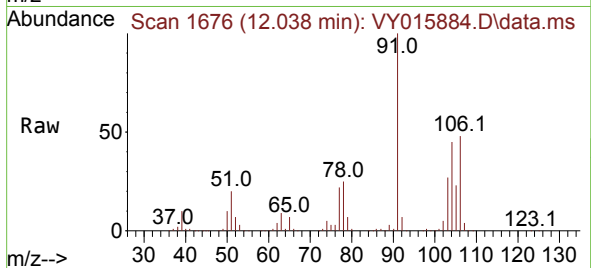




#69
o-Xylene
Concen: 55.450 ug/l
RT: 12.038 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

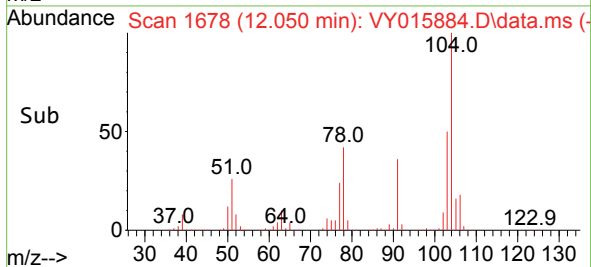
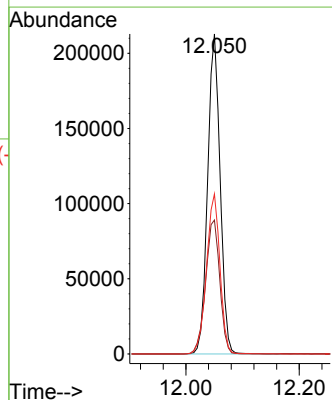
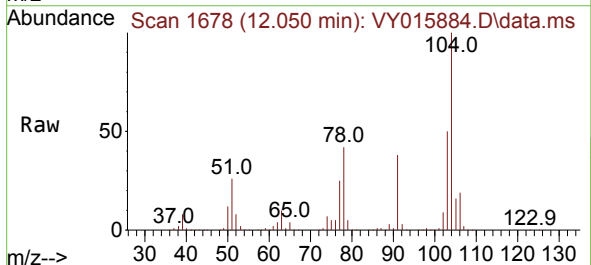
Instrument :
MSVOA_Y
ClientSampleId :

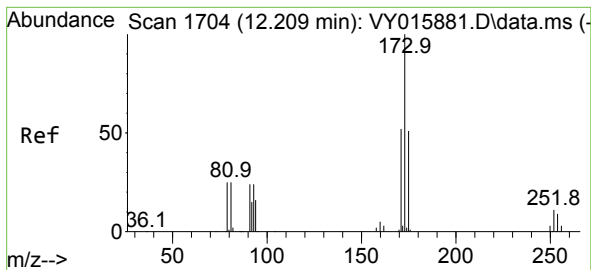
Tgt Ion:106 Resp: 186930
Ion Ratio Lower Upper
106 100
91 212.5 108.1 324.3



#70
Styrene
Concen: 55.375 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion:104 Resp: 325702
Ion Ratio Lower Upper
104 100
78 47.4 41.5 62.3
103 53.9 44.6 67.0





#71

Bromoform

Concen: 51.498 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

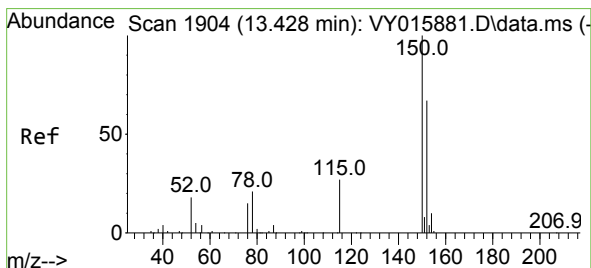
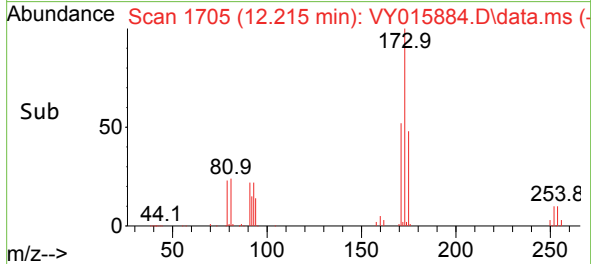
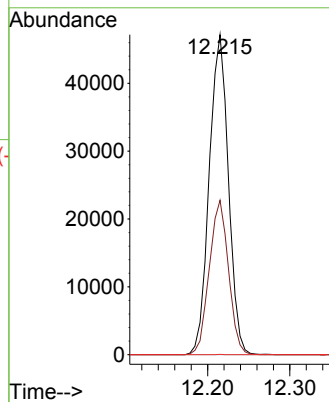
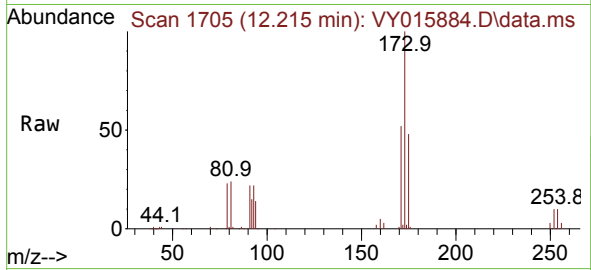
Tgt Ion:173 Resp: 76395

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

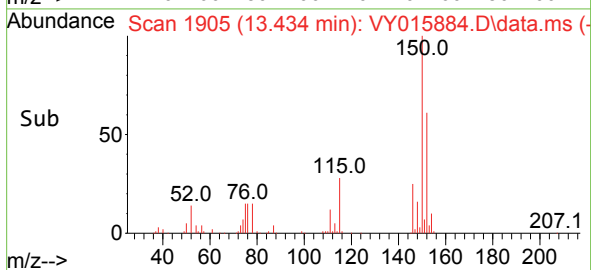
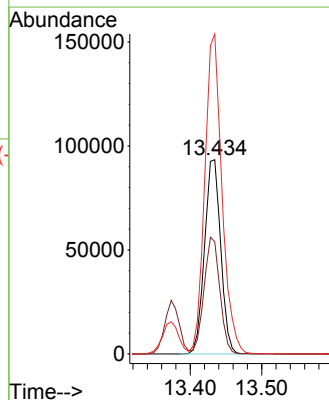
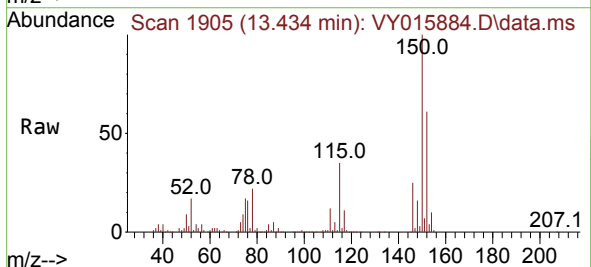
Tgt Ion:152 Resp: 146894

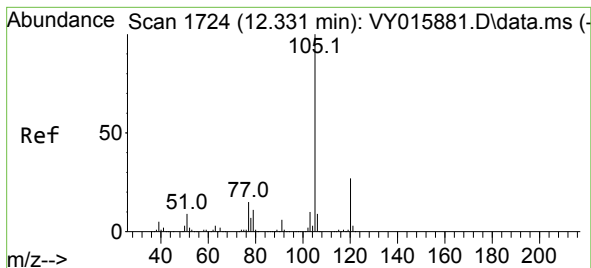
Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 175.0 0.0 348.8





#73

Isopropylbenzene

Concen: 55.490 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

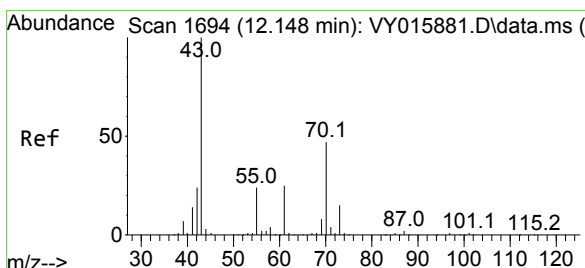
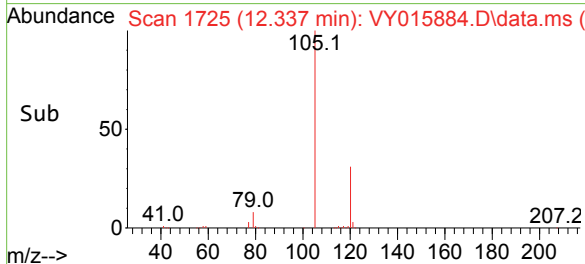
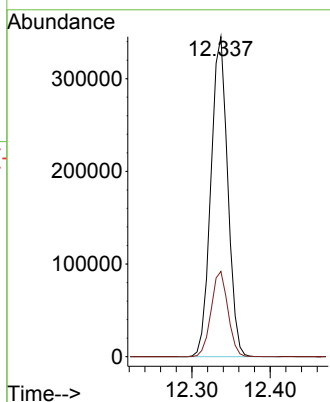
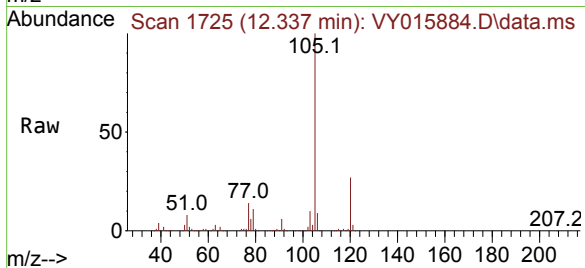
ClientSampleId :

Tgt Ion:105 Resp: 514179

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 50.878 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Tgt Ion: 43 Resp: 148572

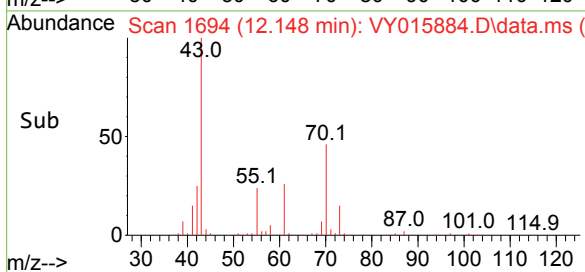
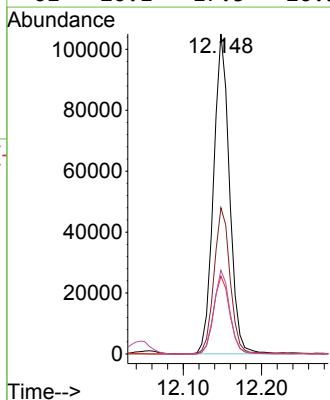
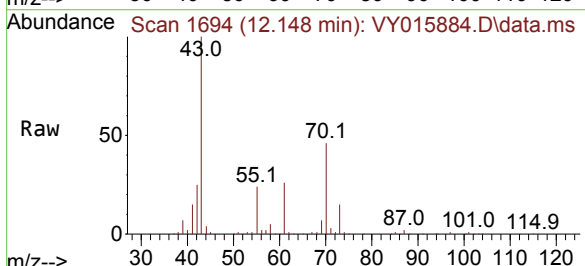
Ion Ratio Lower Upper

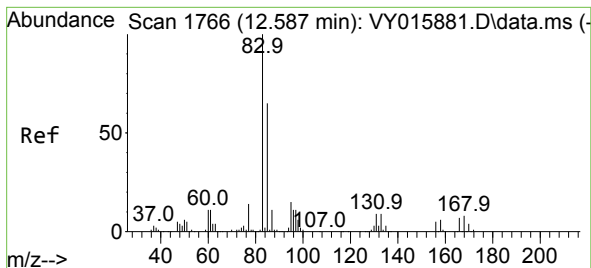
43 100

70 46.4 29.7 44.5#

55 24.9 18.3 27.5

61 26.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.914 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

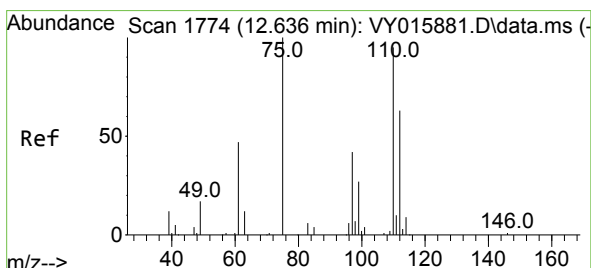
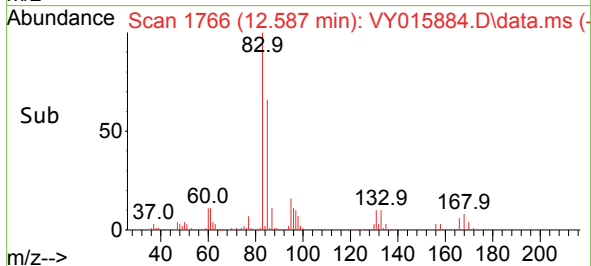
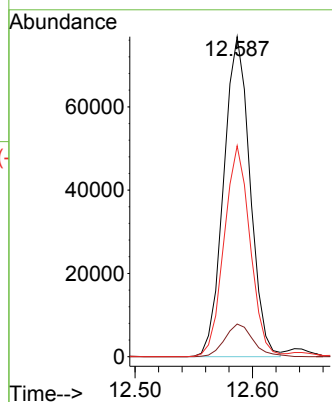
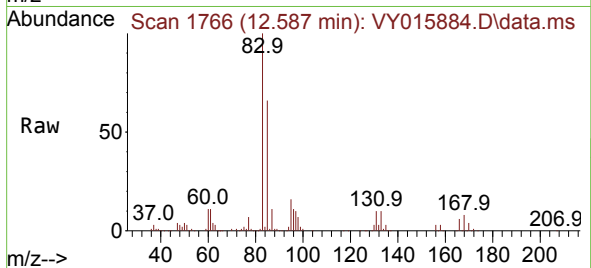
Tgt Ion: 83 Resp: 119929

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 65.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.265 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY015884.D

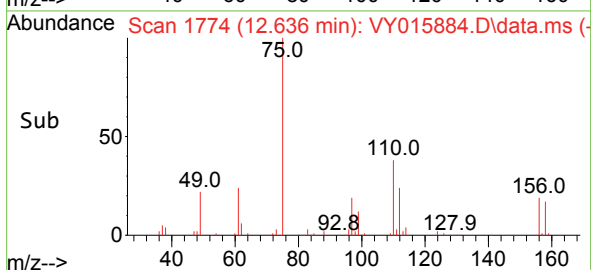
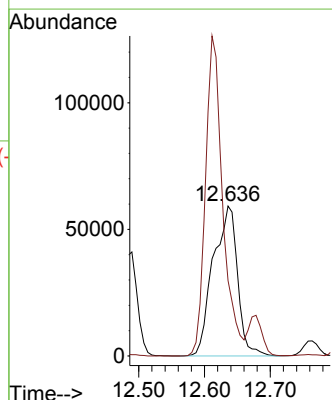
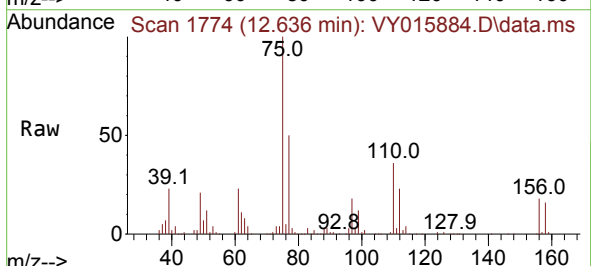
Acq: 09 Oct 2023 16:56

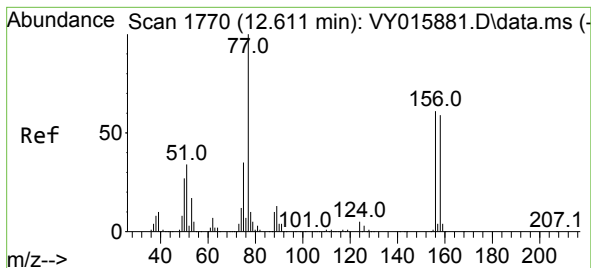
Tgt Ion: 75 Resp: 153072

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.039 ug/l

RT: 12.617 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

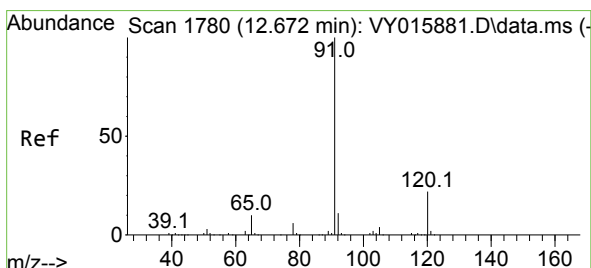
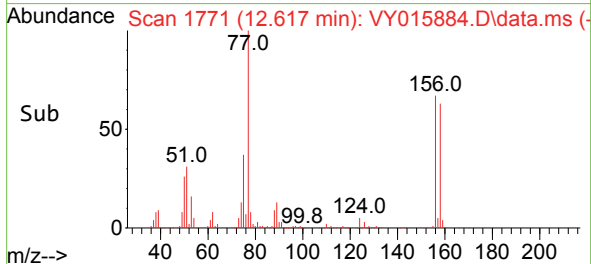
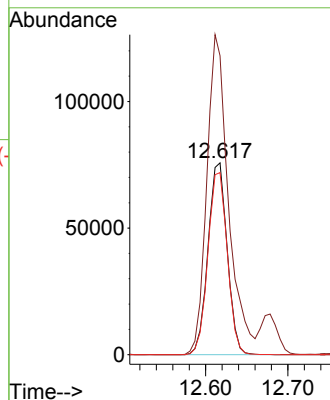
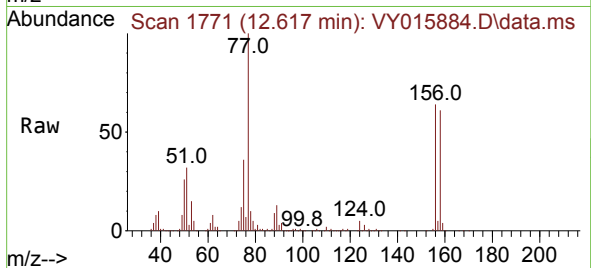
Tgt Ion:156 Resp: 122782

Ion Ratio Lower Upper

156 100

77 188.1 92.8 278.6

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 55.785 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY015884.D

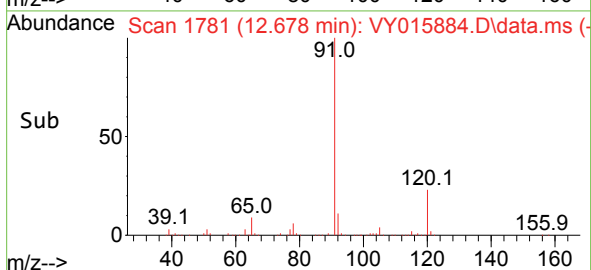
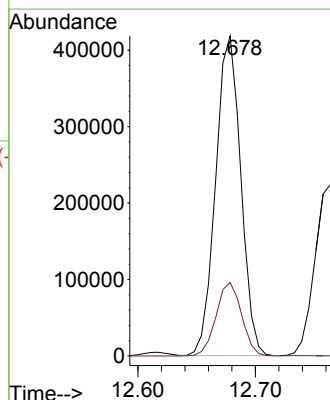
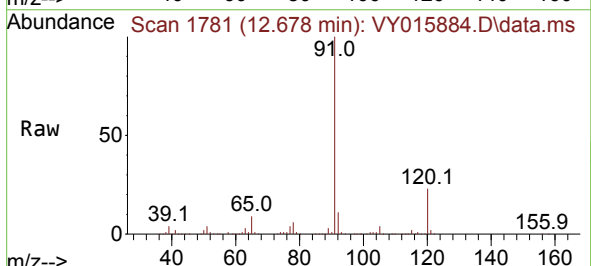
Acq: 09 Oct 2023 16:56

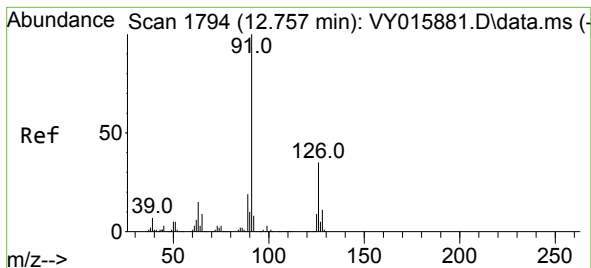
Tgt Ion: 91 Resp: 621632

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

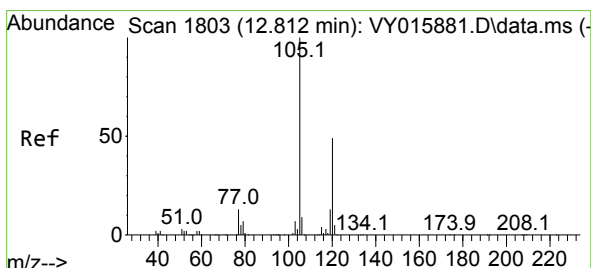
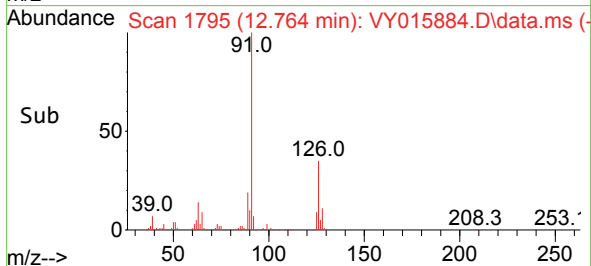
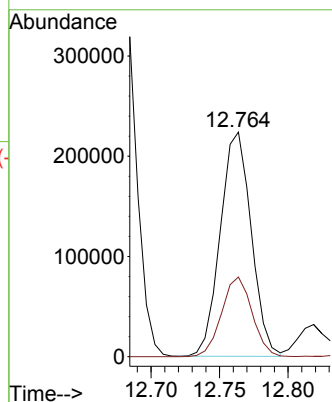
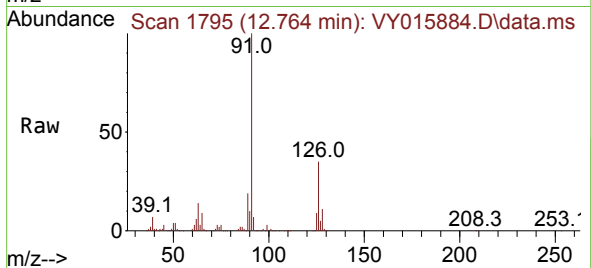




#79
2-Chlorotoluene
Concen: 55.477 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

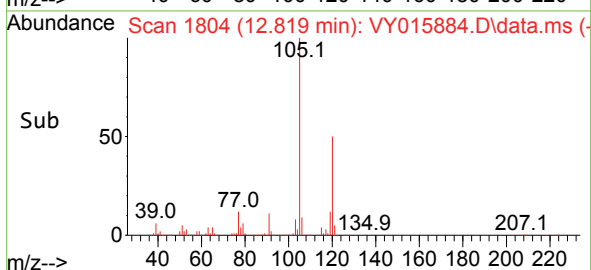
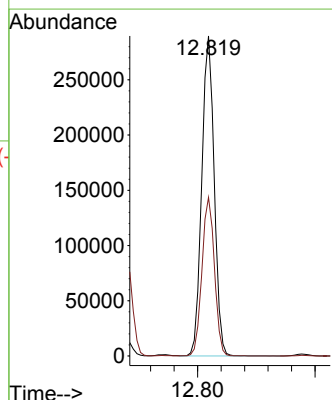
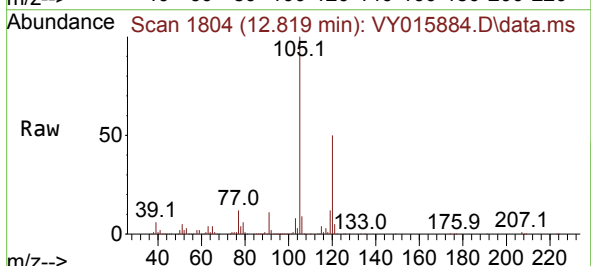
Instrument :
MSVOA_Y
ClientSampleId :

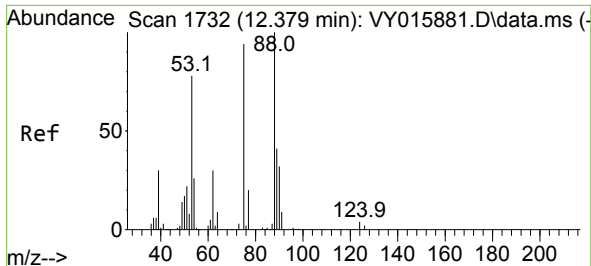
Tgt Ion: 91 Resp: 352144
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 55.935 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 105 Resp: 427187
Ion Ratio Lower Upper
105 100
120 49.6 23.9 71.7

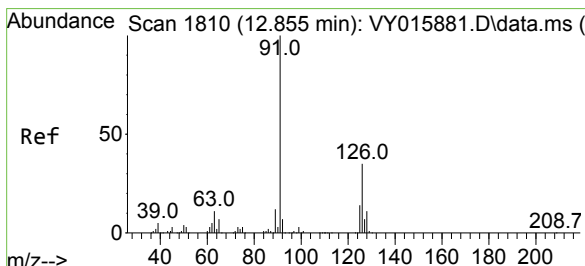
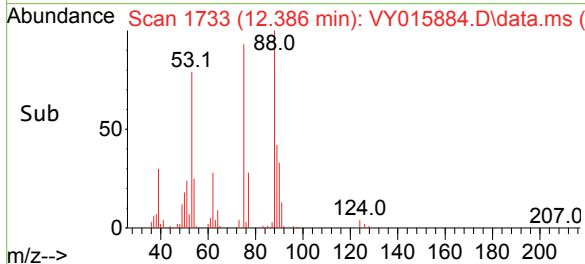
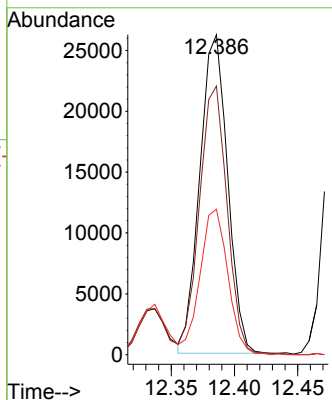
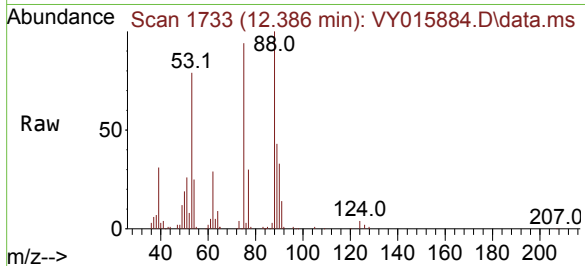




#81
trans-1,4-Dichloro-2-butene
Concen: 51.885 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

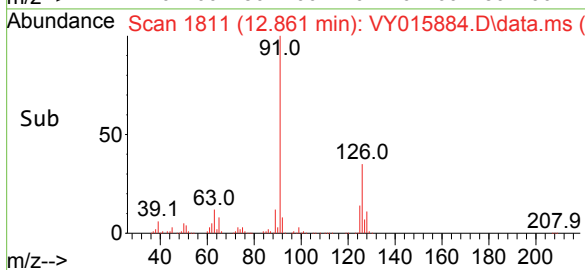
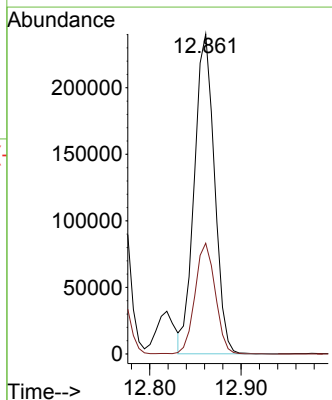
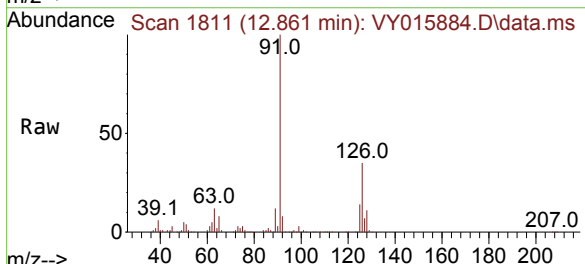
Instrument :
MSVOA_Y
ClientSampleId :

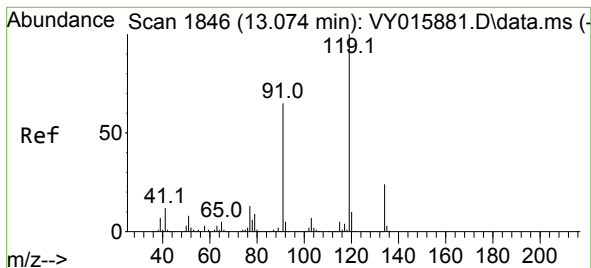
Tgt Ion: 75 Resp: 40123
Ion Ratio Lower Upper
75 100
53 84.2 77.8 116.8
89 45.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 55.375 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 91 Resp: 366292
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 55.169 ug/l

RT: 13.081 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

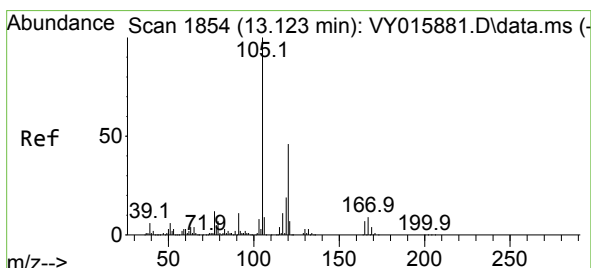
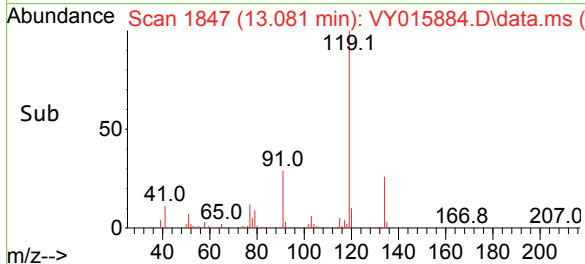
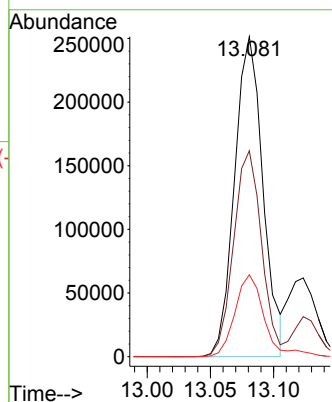
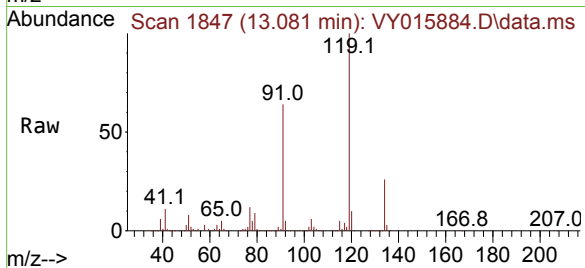
Tgt Ion:119 Resp: 393214

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 55.535 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY015884.D

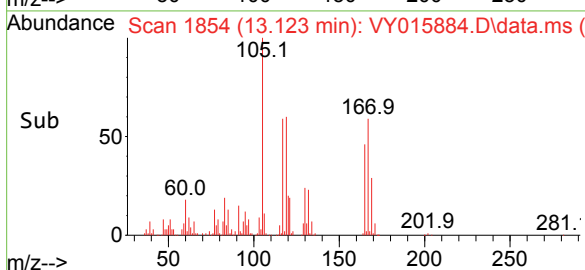
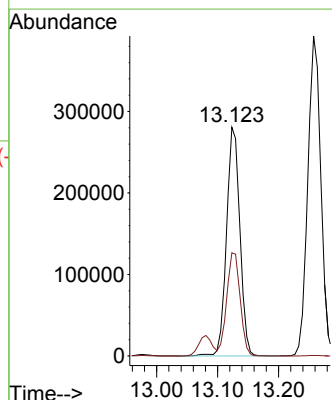
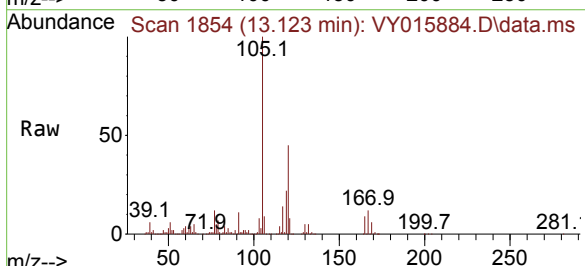
Acq: 09 Oct 2023 16:56

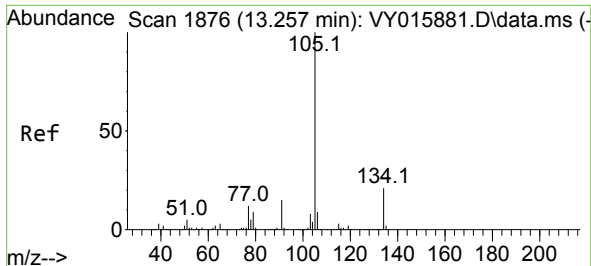
Tgt Ion:105 Resp: 427108

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6

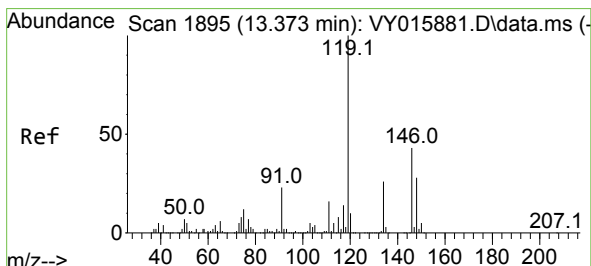
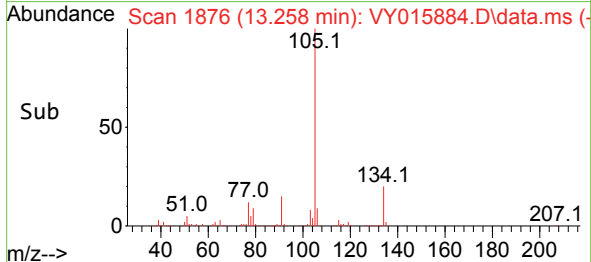
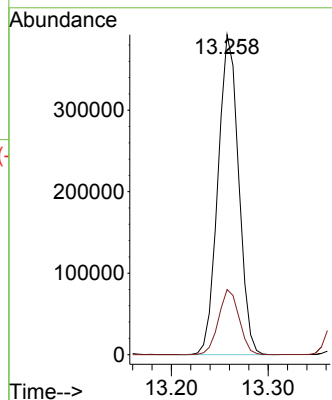
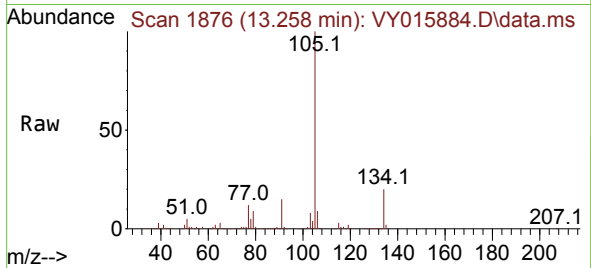




#85
 sec-Butylbenzene
 Concen: 55.660 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY015884.D
 Acq: 09 Oct 2023 16:56

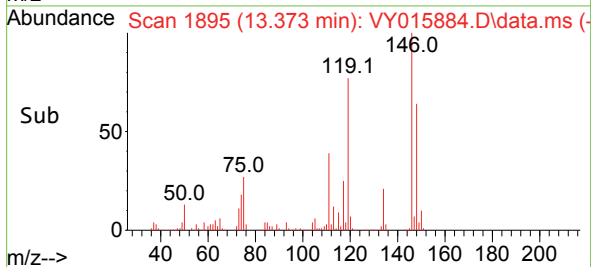
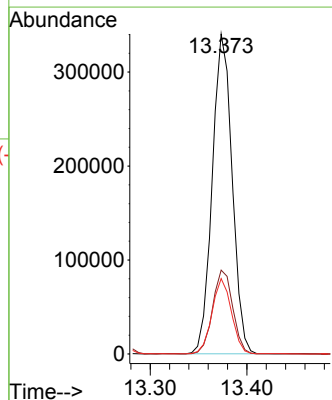
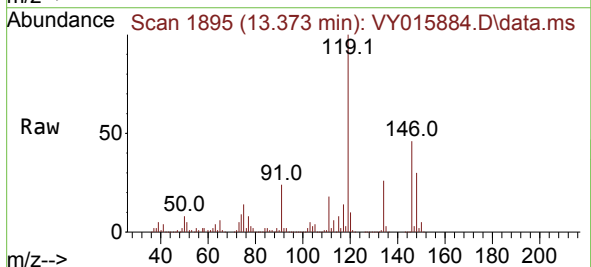
Instrument :
 MSVOA_Y
 ClientSampleId :

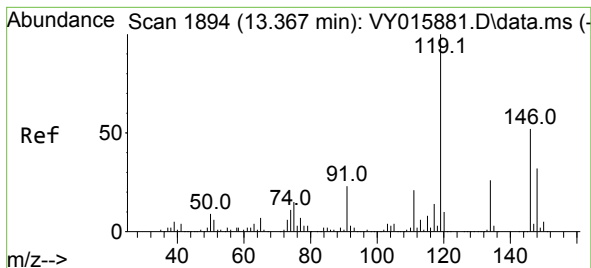
Tgt Ion:105 Resp: 581793
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 56.202 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY015884.D
 Acq: 09 Oct 2023 16:56

Tgt Ion:119 Resp: 485979
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 53.950 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

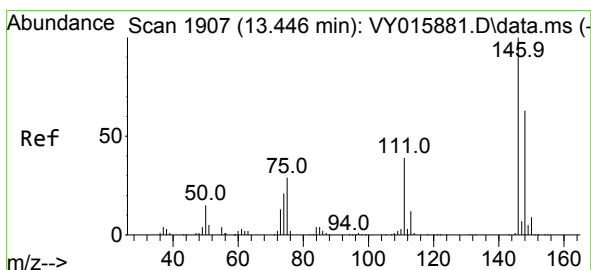
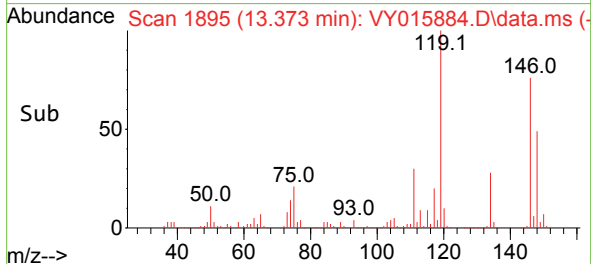
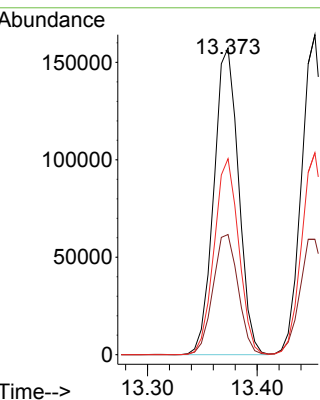
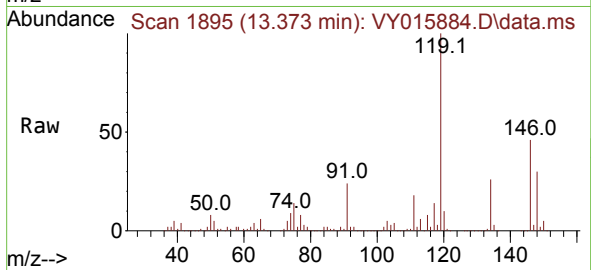
Tgt Ion:146 Resp: 246787

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 53.978 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

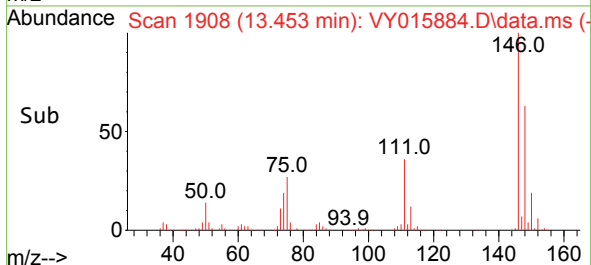
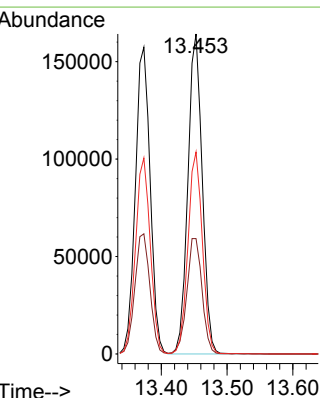
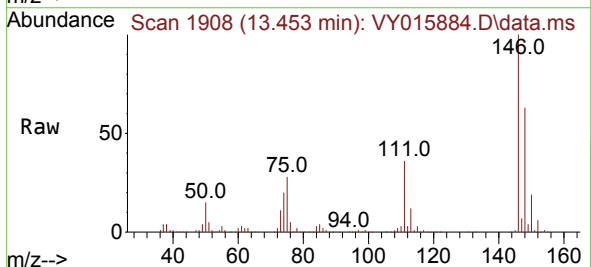
Tgt Ion:146 Resp: 248653

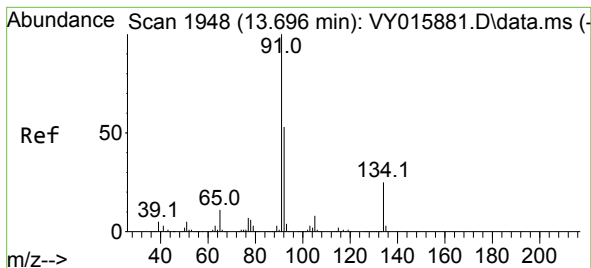
Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 56.584 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

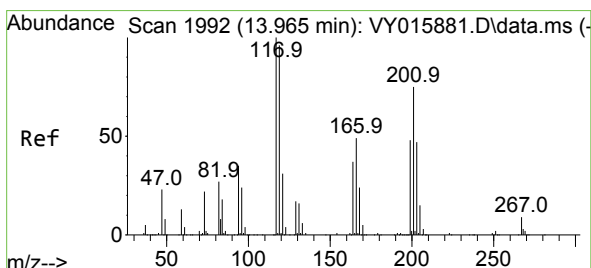
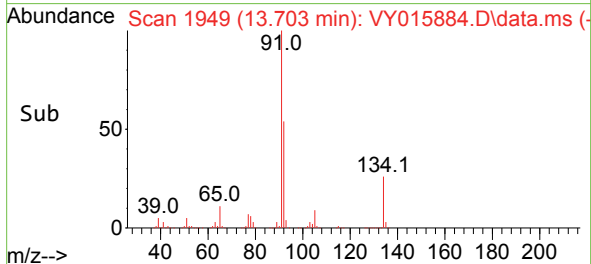
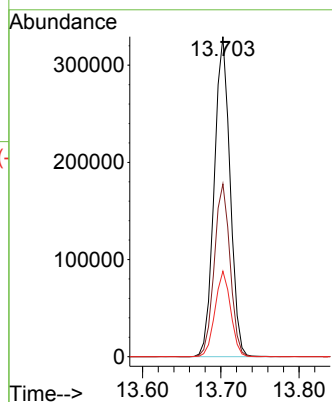
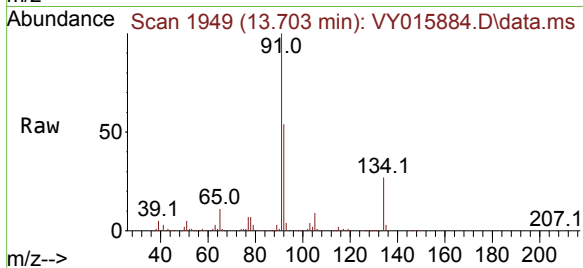
Tgt Ion: 91 Resp: 463014

Ion Ratio Lower Upper

91 100

92 53.8 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 55.446 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY015884.D

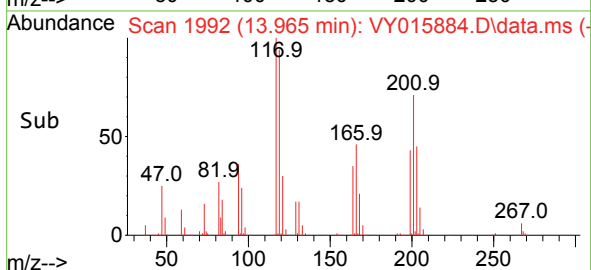
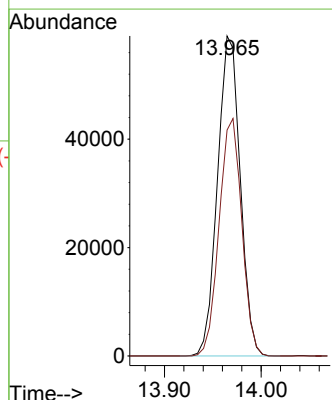
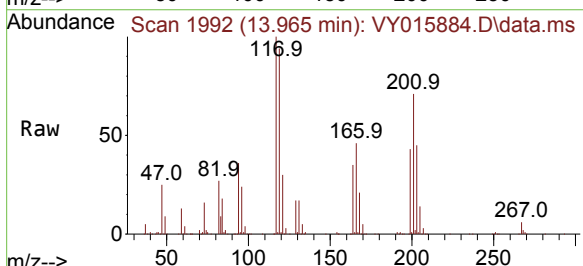
Acq: 09 Oct 2023 16:56

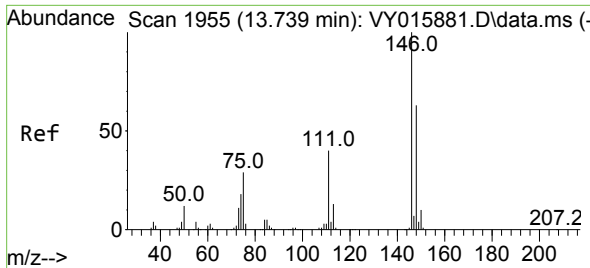
Tgt Ion: 117 Resp: 96216

Ion Ratio Lower Upper

117 100

201 74.1 41.6 124.8

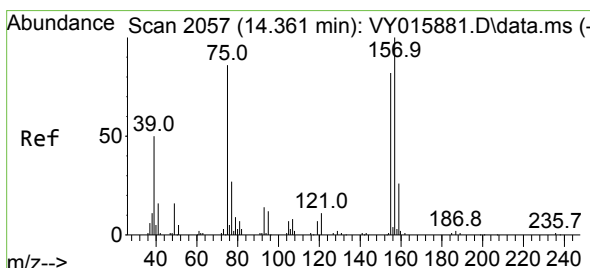
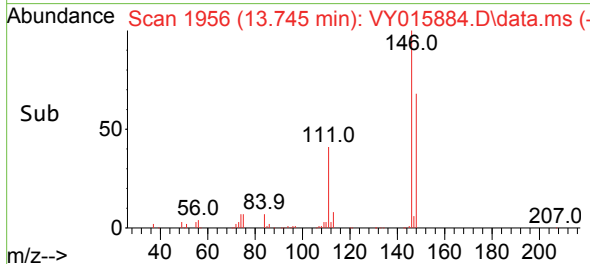
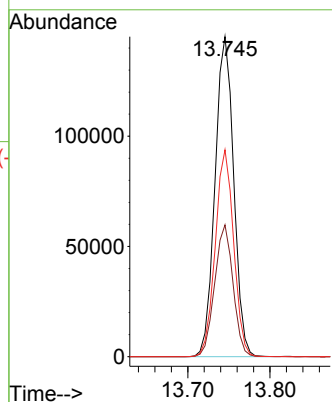
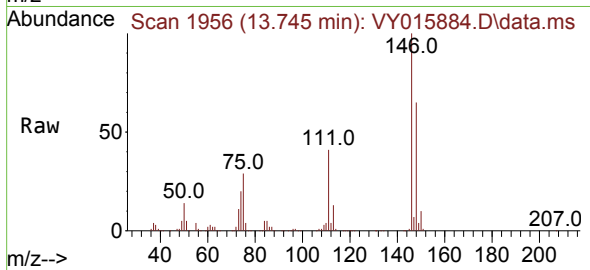




#91
1,2-Dichlorobenzene
Concen: 53.906 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

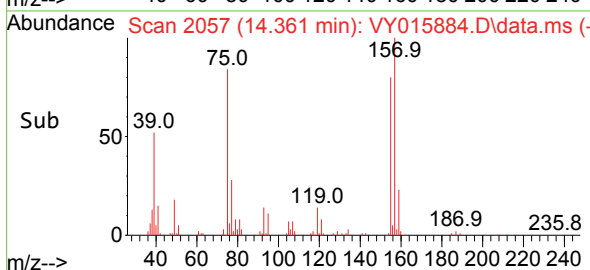
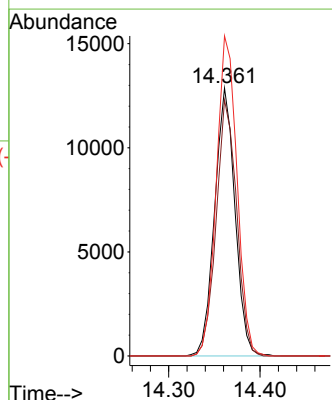
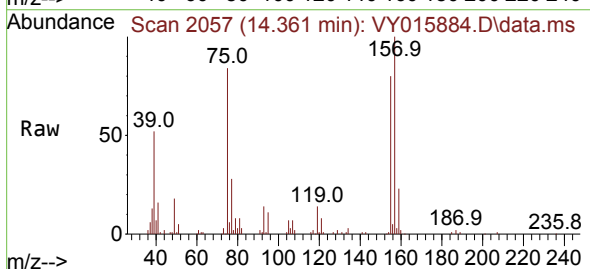
Instrument :
MSVOA_Y
ClientSampleId :

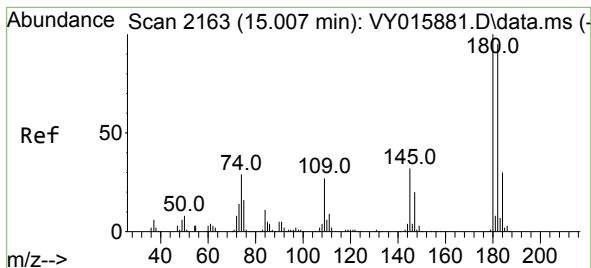
Tgt Ion:146 Resp: 229210
Ion Ratio Lower Upper
146 100
111 40.6 19.7 59.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.221 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY015884.D
Acq: 09 Oct 2023 16:56

Tgt Ion: 75 Resp: 19925
Ion Ratio Lower Upper
75 100
155 96.0 41.5 124.6
157 121.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 54.301 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

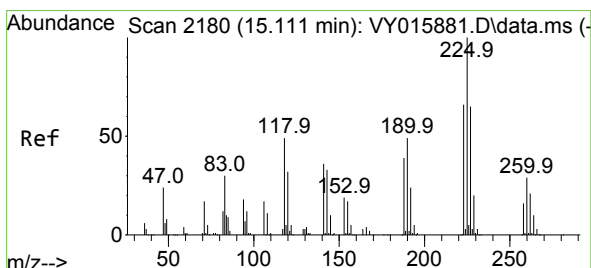
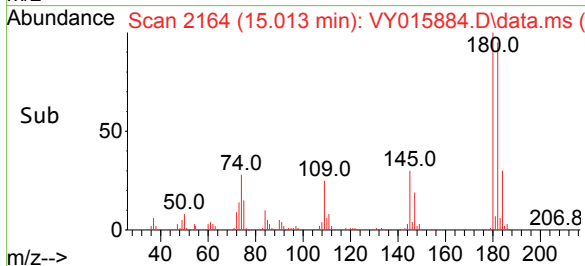
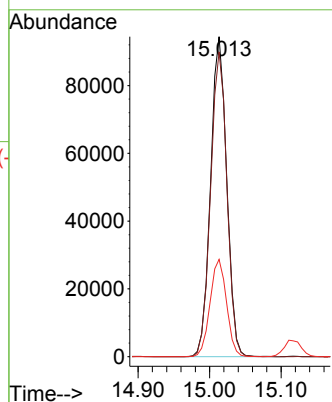
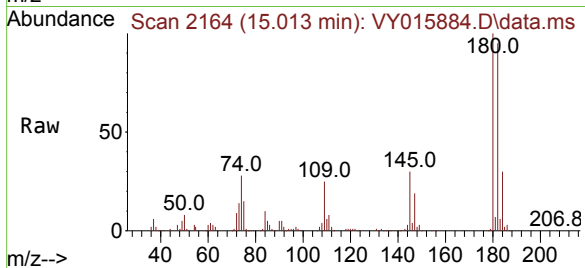
Tgt Ion:180 Resp: 147976

Ion Ratio Lower Upper

180 100

182 96.1 47.0 141.2

145 31.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 54.889 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

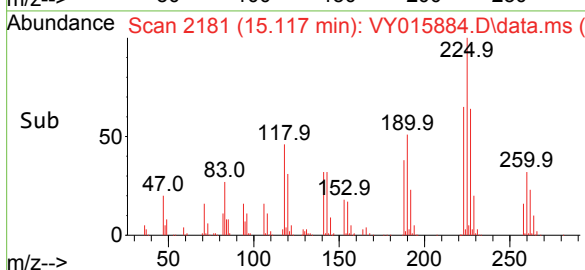
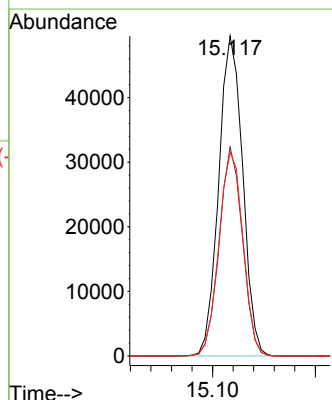
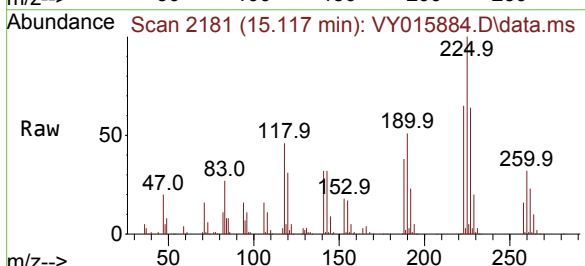
Tgt Ion:225 Resp: 80097

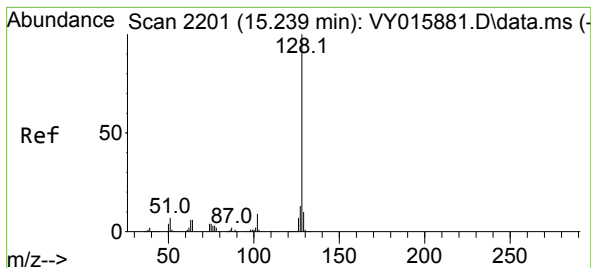
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 64.2 33.0 98.9





#95

Naphthalene

Concen: 52.203 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Instrument :

MSVOA_Y

ClientSampleId :

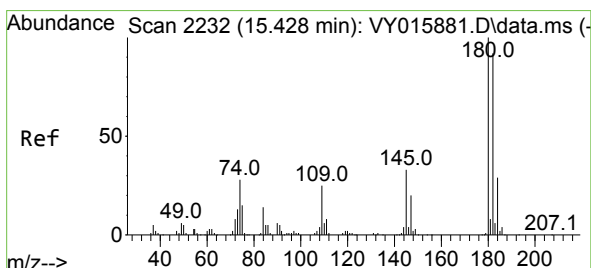
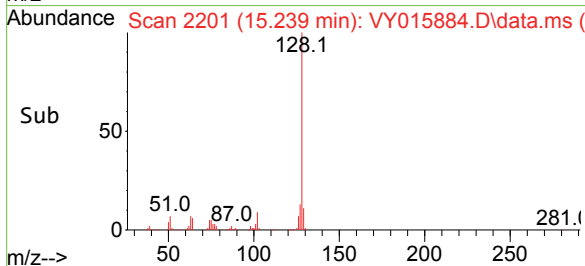
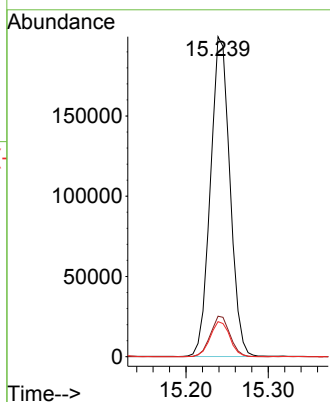
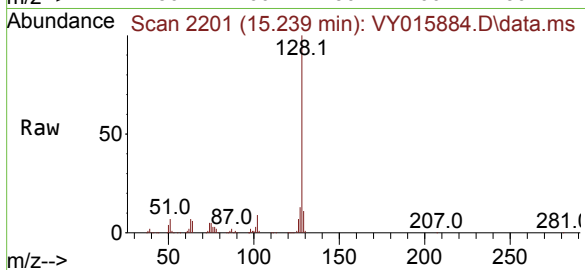
Tgt Ion:128 Resp: 329099

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.582 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015884.D

Acq: 09 Oct 2023 16:56

Tgt Ion:180 Resp: 132312

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 32.0 15.4 46.2

