

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100923\
 Data File : VY015883.D
 Acq On : 09 Oct 2023 15:55
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 05:41:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 05:24:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	223828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	360093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	321268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154352	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	263070	130.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 261.240%#	
35) Dibromofluoromethane	7.722	113	282694	140.748	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 281.500%#	
50) Toluene-d8	10.185	98	946777	143.029	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 286.060%#	
62) 4-Bromofluorobenzene	12.483	95	361272	134.369	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 268.740%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	131165	146.509	ug/l	96
3) Chloromethane	2.113	50	140342	153.255	ug/l	100
4) Vinyl Chloride	2.253	62	179297	153.517	ug/l	95
5) Bromomethane	2.625	94	129560	135.285	ug/l	100
6) Chloroethane	2.784	64	137767	150.218	ug/l	96
7) Trichlorofluoromethane	3.119	101	367521	148.300	ug/l	99
8) Diethyl Ether	3.528	74	146396	139.631	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	247885	147.386	ug/l	95
10) Methyl Iodide	4.088	142	256378	147.034	ug/l	96
11) Tert butyl alcohol	4.966	59	180097	522.097	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	201634	155.861	ug/l	92
13) Acrolein	3.729	56	76503	621.498	ug/l	98
14) Allyl chloride	4.479	41	360731	151.236	ug/l	91
15) Acrylonitrile	5.161	53	444752	616.887	ug/l	97
16) Acetone	3.948	43	453122	720.336	ug/l #	88
17) Carbon Disulfide	4.192	76	292625	145.796	ug/l	99
18) Methyl Acetate	4.473	43	351814	128.854	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	802669	136.918	ug/l	99
20) Methylene Chloride	4.716	84	265567	144.791	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	230785	153.738	ug/l	93
22) Diisopropyl ether	6.119	45	889702	139.455	ug/l	89
23) Vinyl Acetate	6.058	43	2362742	673.495	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	503361	143.231	ug/l	97
25) 2-Butanone	6.984	43	626263	566.855	ug/l	94
26) 2,2-Dichloropropane	6.978	77	471720	144.332	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	324675	146.540	ug/l	93
28) Bromochloromethane	7.332	49	272313	134.446	ug/l	90
29) Tetrahydrofuran	7.350	42	360595	596.631	ug/l	90
30) Chloroform	7.509	83	550582	140.458	ug/l	95
31) Cyclohexane	7.783	56	298273	138.282	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	471054	147.147	ug/l	97
36) 1,1-Dichloropropene	7.917	75	344865	155.033	ug/l	99
37) Ethyl Acetate	7.076	43	236251	123.663	ug/l #	95
38) Carbon Tetrachloride	7.905	117	406612	152.205	ug/l	99
39) Methylcyclohexane	9.185	83	359481	159.095	ug/l	92
40) Benzene	8.161	78	1050374	150.253	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	334723	281.881	ug/l #	17
42) 1,2-Dichloroethane	8.240	62	330314	138.614	ug/l	93
43) Isopropyl Acetate	8.271	43	460864	130.321	ug/l #	93
44) Trichloroethene	8.941	130	300790	148.695	ug/l	97
45) 1,2-Dichloropropane	9.216	63	302618	143.919	ug/l	99
46) Dibromomethane	9.307	93	176114	140.745	ug/l	97
47) Bromodichloromethane	9.496	83	444591	142.861	ug/l	98
48) Methyl methacrylate	9.295	41	204875	131.184	ug/l #	86
49) 1,4-Dioxane	9.295	88	56327	2589.534	ug/l #	51
51) 4-Methyl-2-Pentanone	10.069	43	1284824	607.259	ug/l	90
52) Toluene	10.246	92	685876	147.807	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	455463	144.770	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	499483	146.155	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	269465	135.244	ug/l	98
56) Ethyl methacrylate	10.514	69	373811	138.195	ug/l #	84
57) 1,3-Dichloropropane	10.795	76	441160	137.334	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	1156076	701.202	ug/l	94
59) 2-Hexanone	10.831	43	940978	587.858	ug/l	87
60) Dibromochloromethane	10.990	129	334743	140.144	ug/l	100
61) 1,2-Dibromoethane	11.093	107	249451	137.081	ug/l	100
64) Tetrachloroethene	10.721	164	286381	136.592	ug/l	97
65) Chlorobenzene	11.520	112	808031	144.192	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	331639	144.793	ug/l	99
67) Ethyl Benzene	11.593	91	1426303	148.361	ug/l	99
68) m/p-Xylenes	11.703	106	1078195	297.631	ug/l	95
69) o-Xylene	12.032	106	532662	146.959	ug/l	97
70) Styrene	12.044	104	922409	145.861	ug/l	97
71) Bromoform	12.209	173	217857	136.589	ug/l #	98
73) Isopropylbenzene	12.331	105	1454125	149.345	ug/l	100
74) N-amyl acetate	12.148	43	410799	133.879	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	334347	132.430	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	420850	226.635	ug/l #	100
77) Bromobenzene	12.611	156	342972	143.654	ug/l	99
78) n-propylbenzene	12.672	91	1734814	148.159	ug/l	99
79) 2-Chlorotoluene	12.758	91	982644	147.327	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	1192427	148.591	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	113864	140.129	ug/l	90
82) 4-Chlorotoluene	12.855	91	1007837	145.000	ug/l	99
83) tert-Butylbenzene	13.081	119	1118490	149.344	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	1181730	146.230	ug/l	99
85) sec-Butylbenzene	13.258	105	1609212	146.513	ug/l	100
86) p-Isopropyltoluene	13.373	119	1339823	147.461	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	684382	142.383	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	678291	140.129	ug/l	99
89) n-Butylbenzene	13.696	91	1260119	146.557	ug/l	96
90) Hexachloroethane	13.965	117	271727	149.020	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	626167	140.147	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	56572	127.593	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	417160	145.684	ug/l	99
94) Hexachlorobutadiene	15.117	225	221750	144.619	ug/l	98
95) Naphthalene	15.239	128	935460	141.217	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	370293	145.375	ug/l	99

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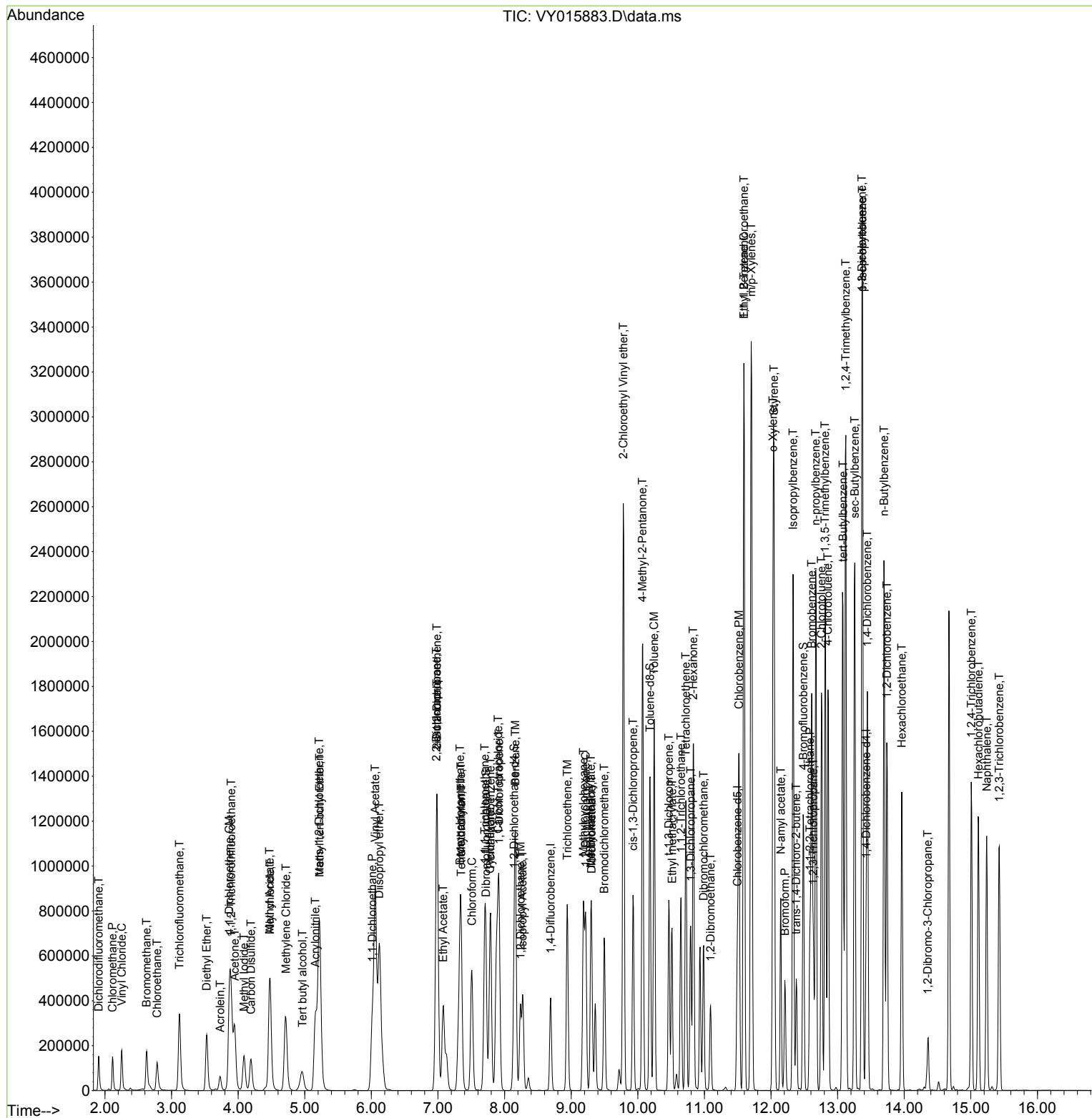
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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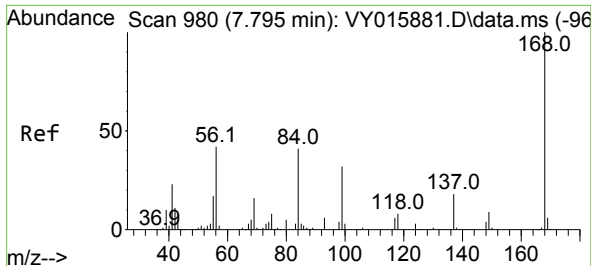
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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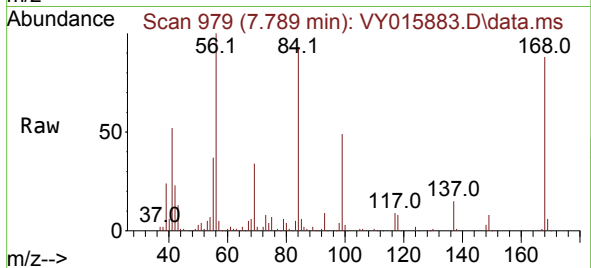
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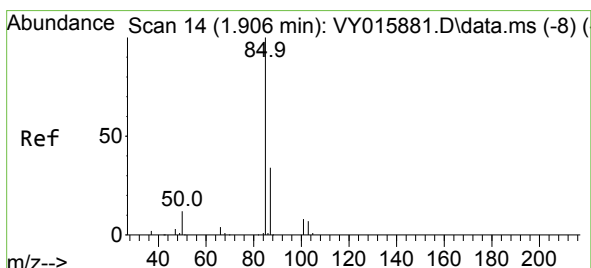
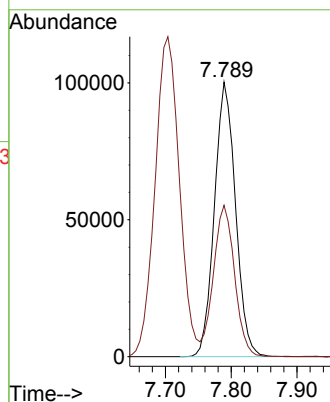
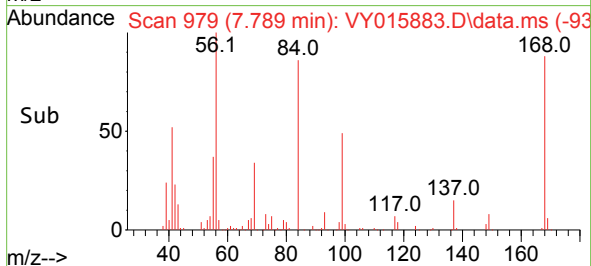


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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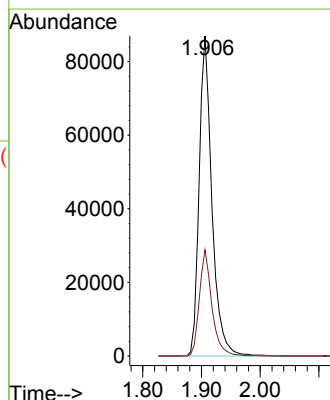
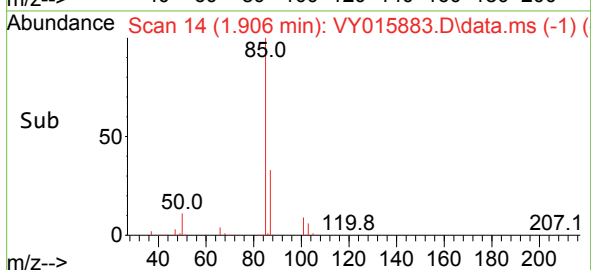
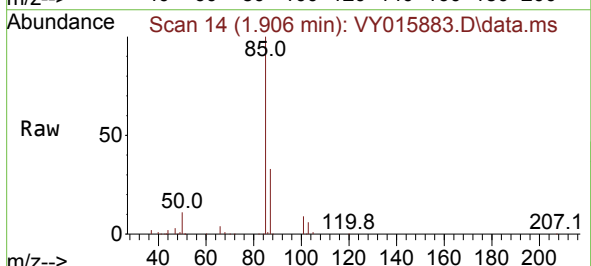


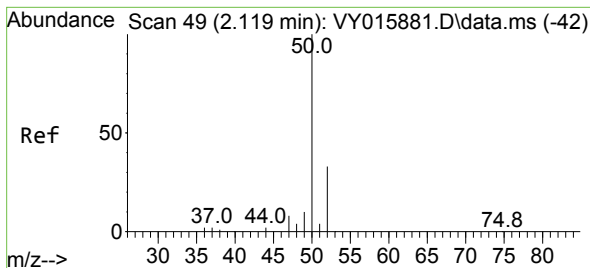
Tgt Ion:168 Resp: 223828
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 146.509 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion: 85 Resp: 131165
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8





#3

Chloromethane

Concen: 153.255 ug/l

RT: 2.113 min Scan# 49

Delta R.T. -0.006 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

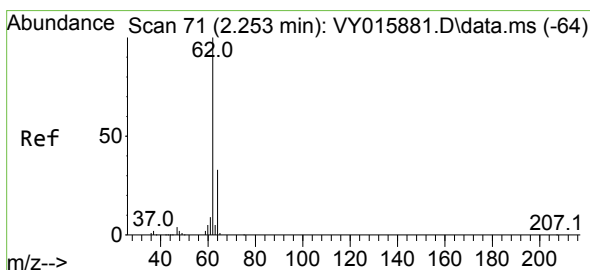
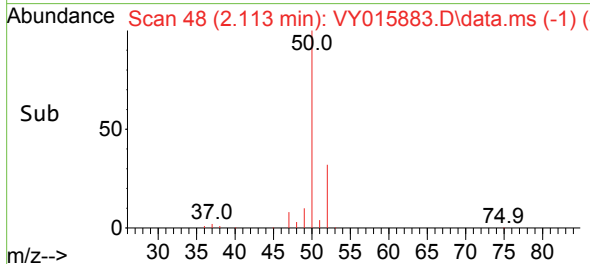
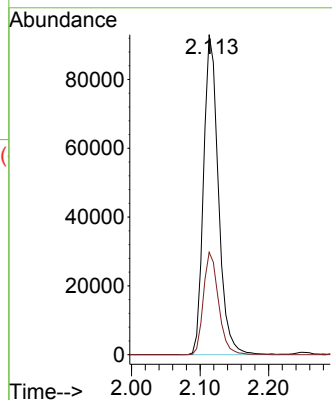
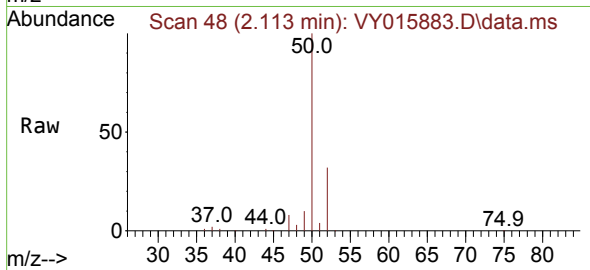
ClientSampleId :

Tgt Ion: 50 Resp: 140342

Ion Ratio Lower Upper

50 100

52 32.0 25.4 38.2



#4

Vinyl Chloride

Concen: 153.517 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY015883.D

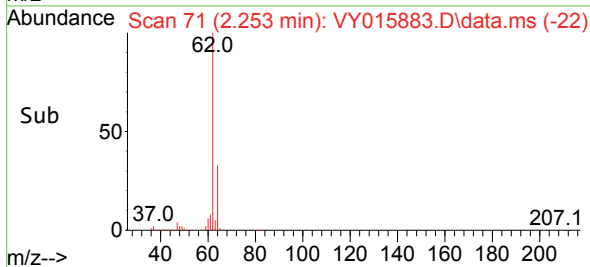
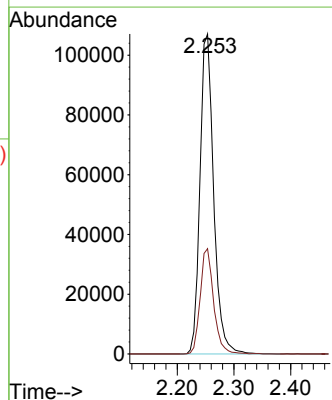
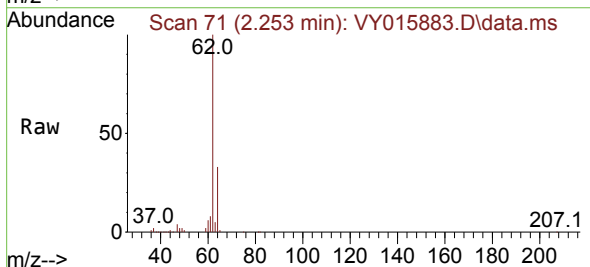
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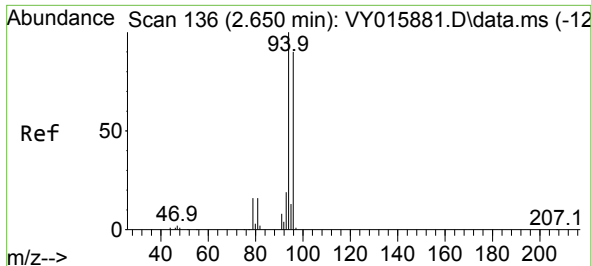
Tgt Ion: 62 Resp: 179297

Ion Ratio Lower Upper

62 100

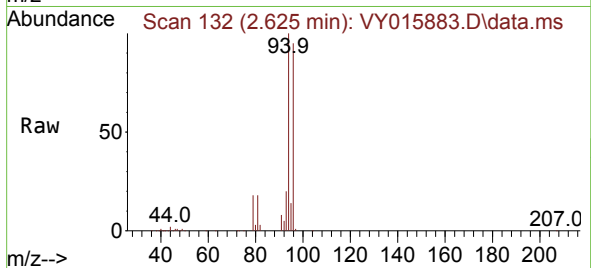
64 32.9 24.3 36.5



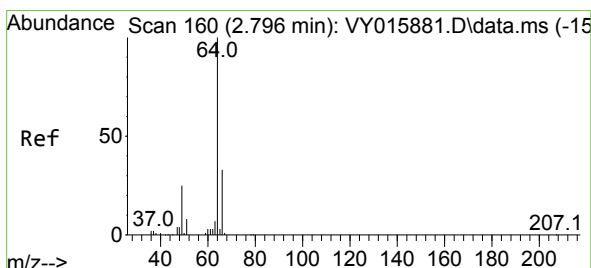
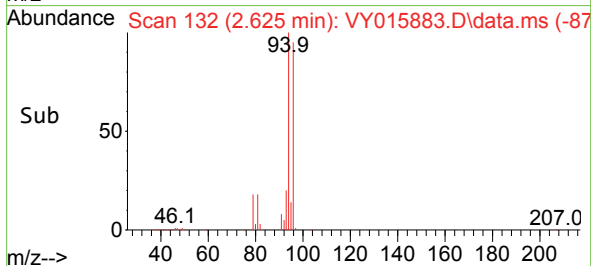
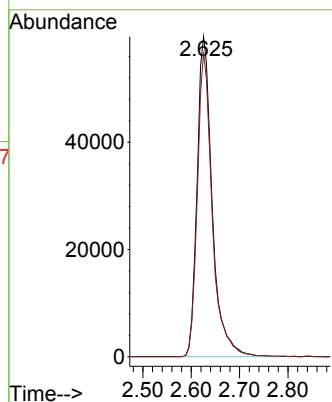


#5
Bromomethane
Concen: 135.285 ug/l
RT: 2.625 min Scan# 11
Delta R.T. -0.024 min
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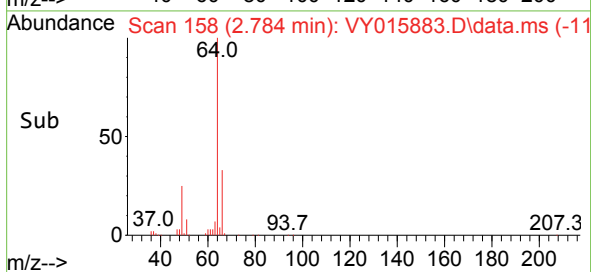
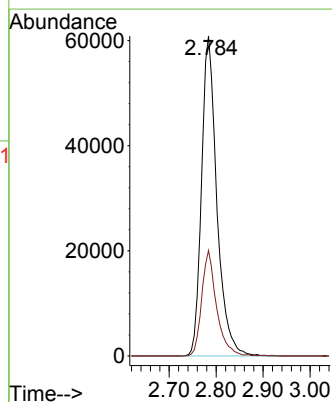
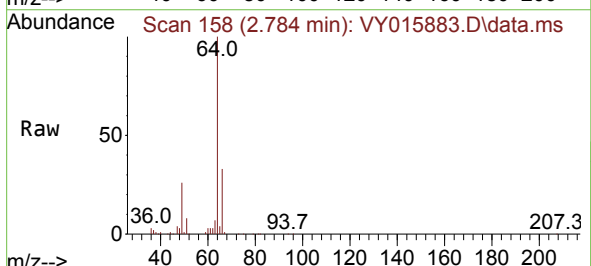


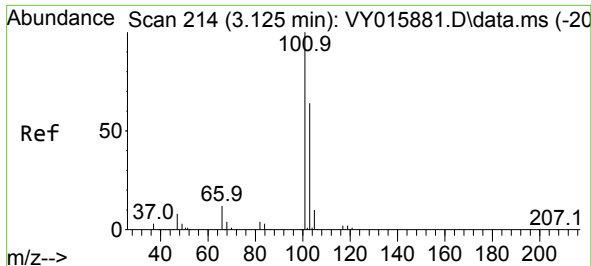
Tgt Ion: 94 Resp: 129560
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.6



#6
Chloroethane
Concen: 150.218 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY015883.D
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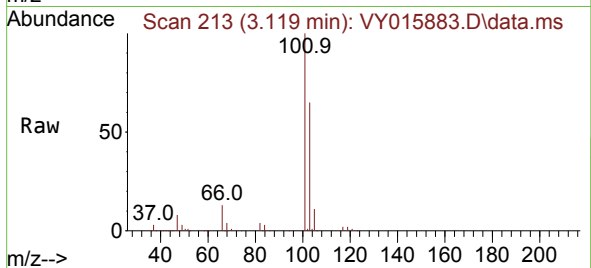
Tgt Ion: 64 Resp: 137767
Ion Ratio Lower Upper
64 100
66 32.9 24.4 36.6



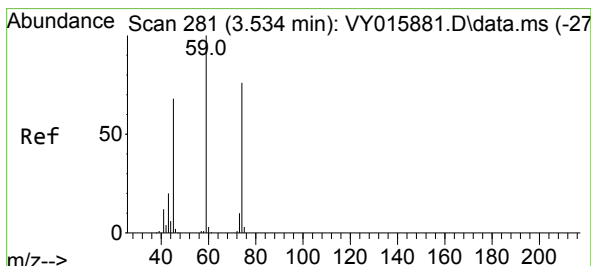
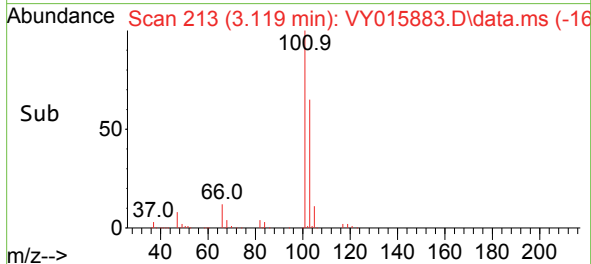
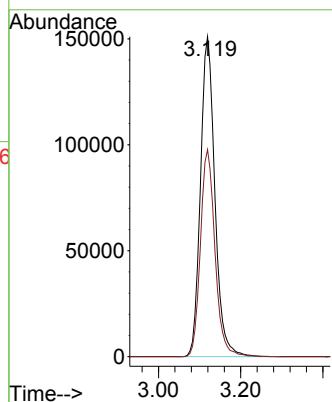


#7
Trichlorofluoromethane
Concen: 148.300 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY015883.D
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ClientSampleId :

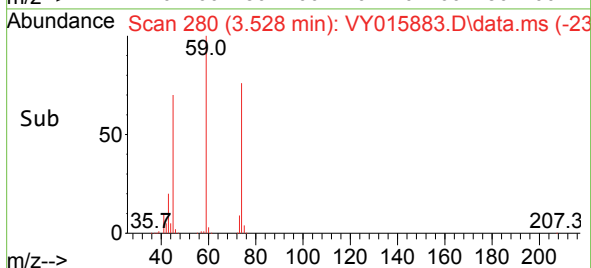
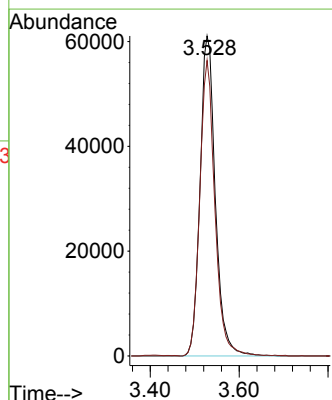
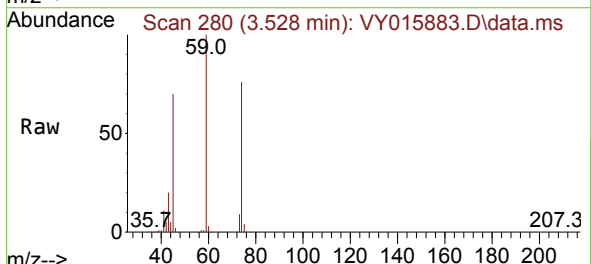


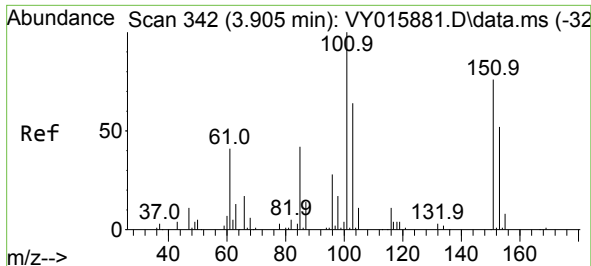
Tgt Ion:101 Resp: 367521
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.0



#8
Diethyl Ether
Concen: 139.631 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 146396
Ion Ratio Lower Upper
74 100
45 91.2 51.5 154.5

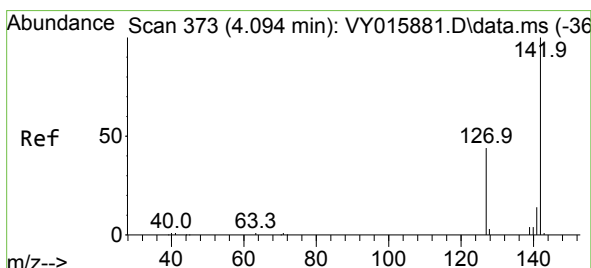
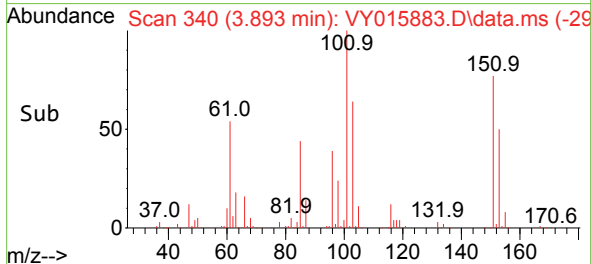
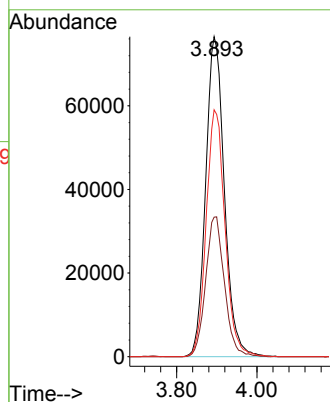
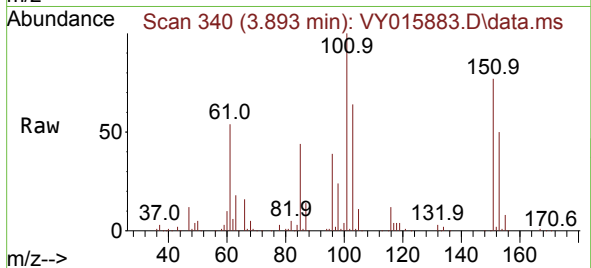




#9
1,1,2-Trichlorotrifluoroethane
Concen: 147.386 ug/l
RT: 3.893 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

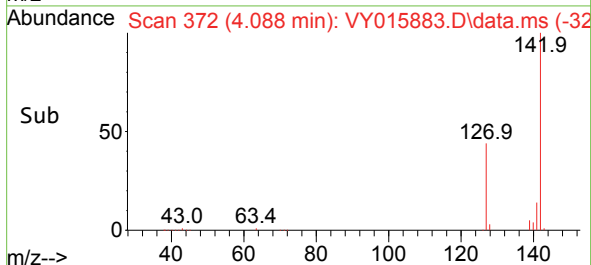
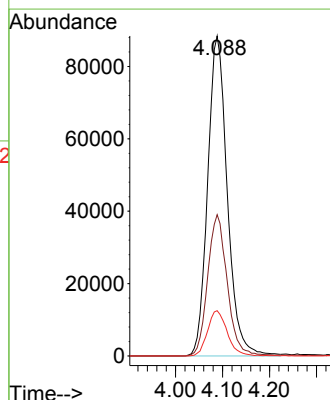
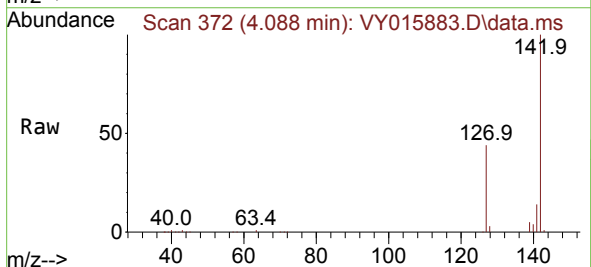
Instrument :
MSVOA_Y
ClientSampleId :

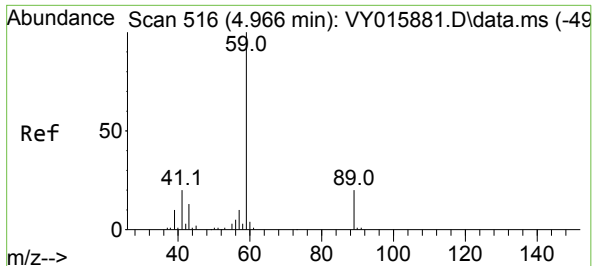
Tgt Ion:101 Resp: 247885
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 77.8 67.0 100.6



#10
Methyl Iodide
Concen: 147.034 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

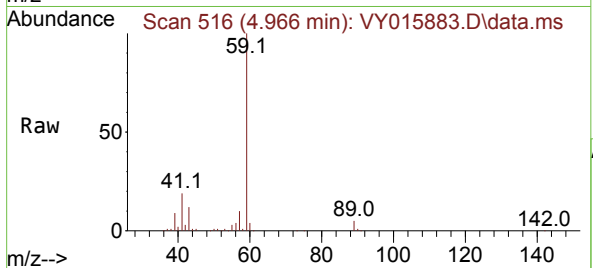
Tgt Ion:142 Resp: 256378
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 14.2 11.8 17.8



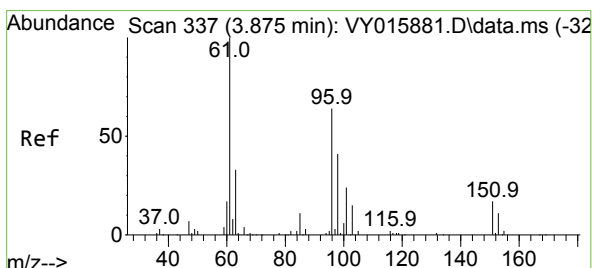
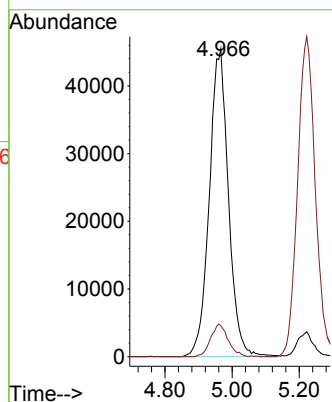
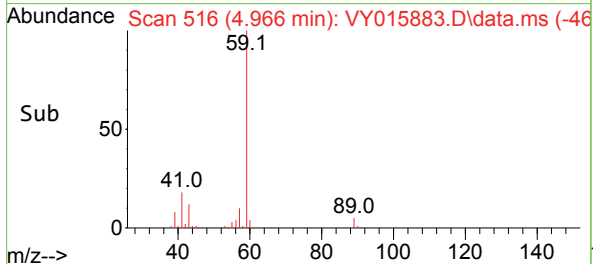


#11
Tert butyl alcohol
Concen: 522.097 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Instrument :
MSVOA_Y
ClientSampleId :

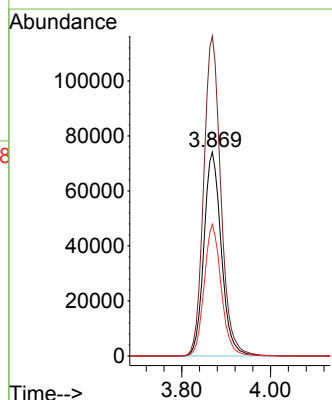
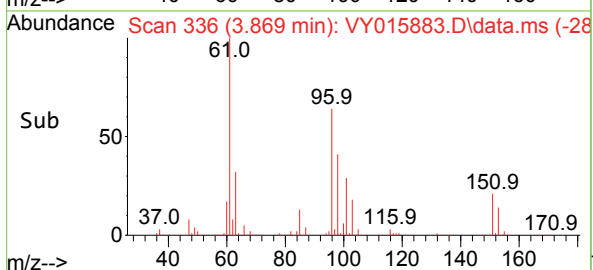
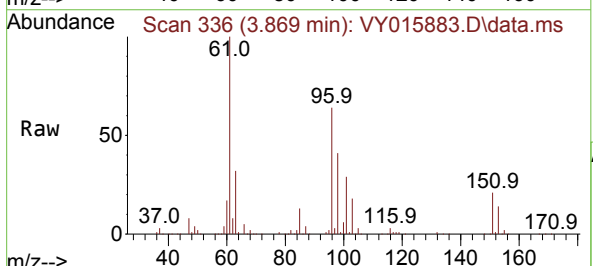


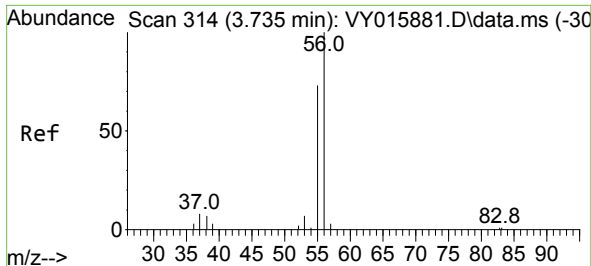
Tgt Ion: 59 Resp: 180097
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 155.861 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion: 96 Resp: 201634
Ion Ratio Lower Upper
96 100
61 156.9 136.4 204.6
98 64.6 49.4 74.2





#13

Acrolein

Concen: 621.498 ug/l

RT: 3.729 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

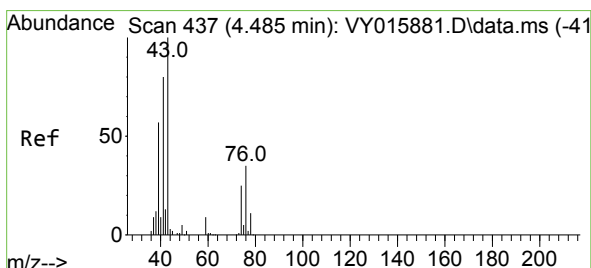
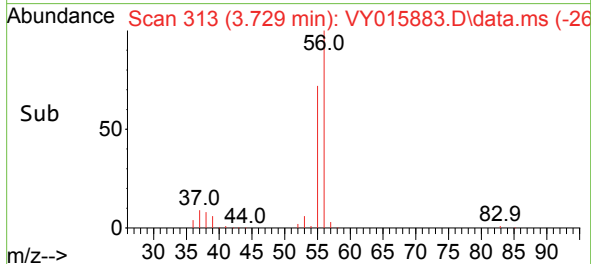
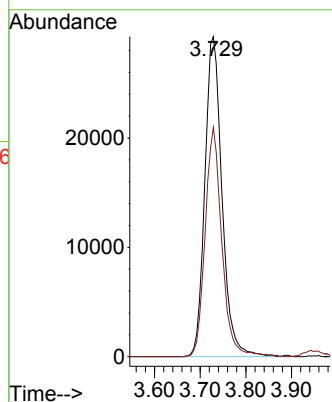
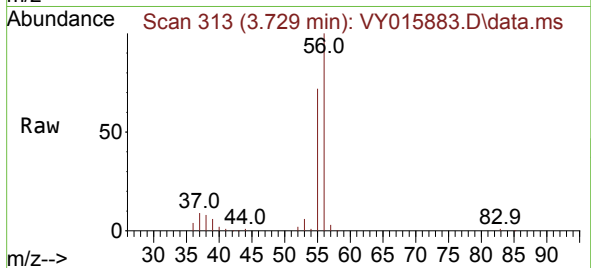
ClientSampleId :

Tgt Ion: 56 Resp: 76503

Ion Ratio Lower Upper

56 100

55 69.5 57.0 85.4



#14

Allyl chloride

Concen: 151.236 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

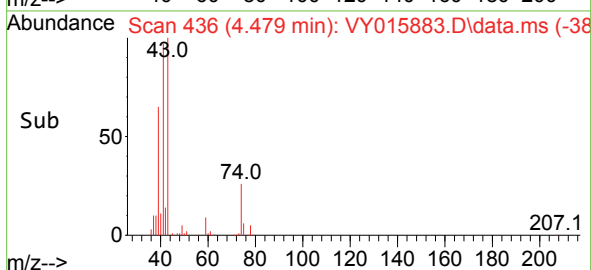
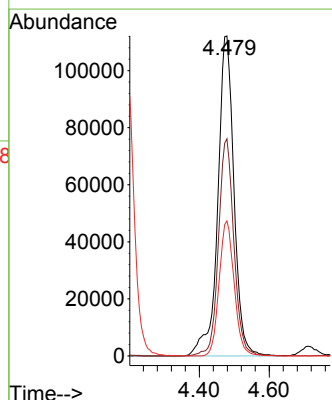
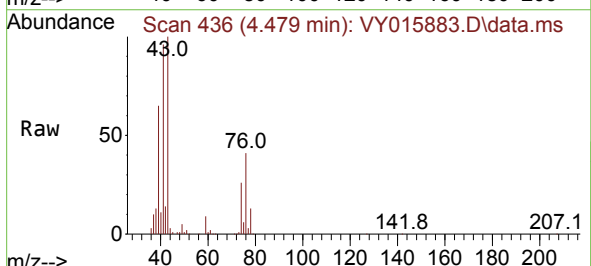
Tgt Ion: 41 Resp: 360731

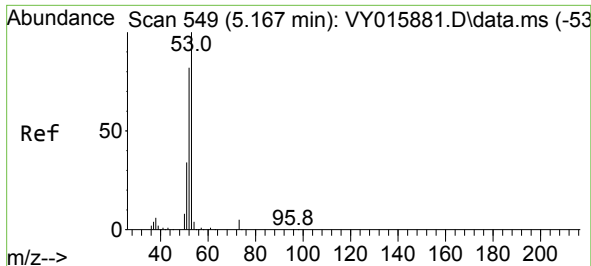
Ion Ratio Lower Upper

41 100

39 64.7 58.0 87.0

76 39.2 27.4 41.2





#15

Acrylonitrile

Concen: 616.887 ug/l

RT: 5.161 min Scan# 54

Delta R.T. -0.006 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

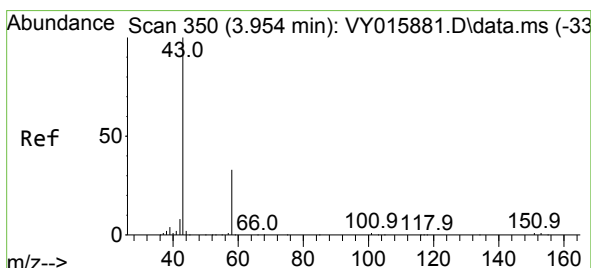
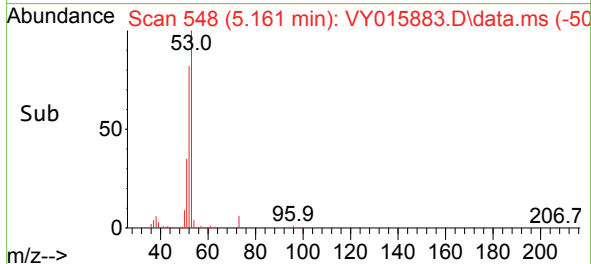
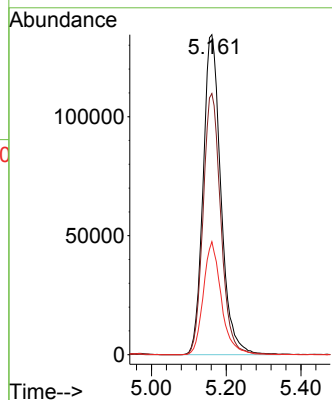
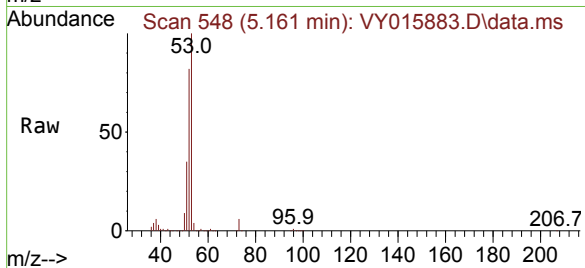
Tgt Ion: 53 Resp: 444752

Ion Ratio Lower Upper

53 100

52 81.2 66.9 100.3

51 35.6 29.8 44.6



#16

Acetone

Concen: 720.336 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY015883.D

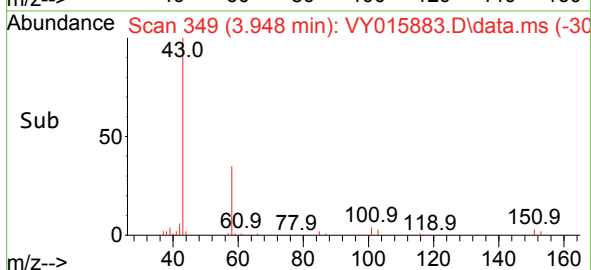
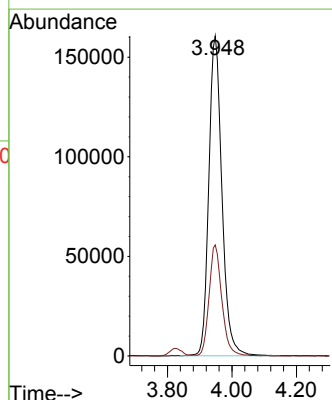
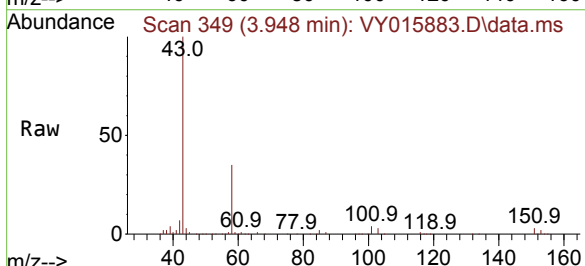
Acq: 09 Oct 2023 15:55

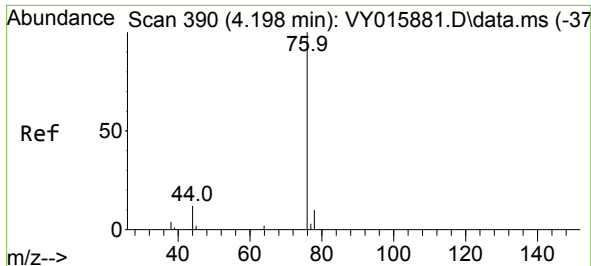
Tgt Ion: 43 Resp: 453122

Ion Ratio Lower Upper

43 100

58 34.7 22.7 34.1#

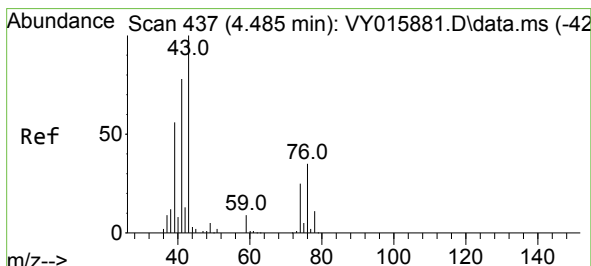
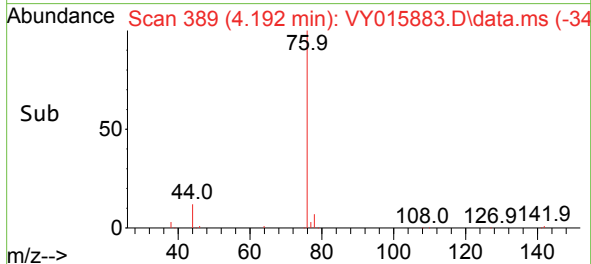
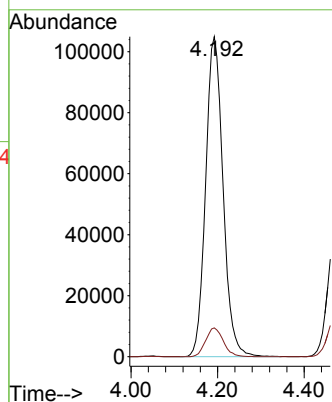
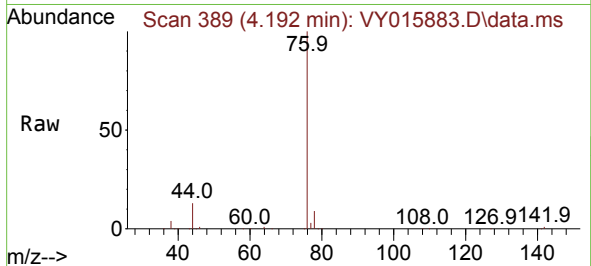




#17
Carbon Disulfide
Concen: 145.796 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

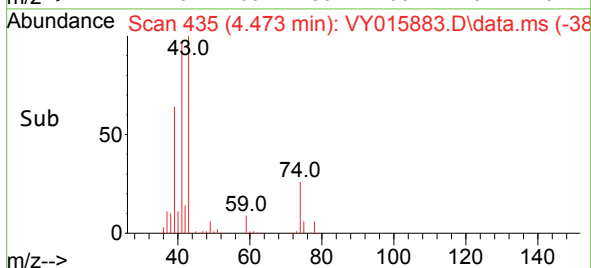
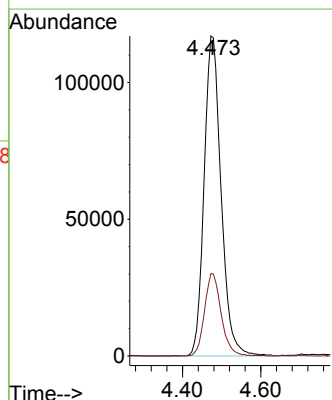
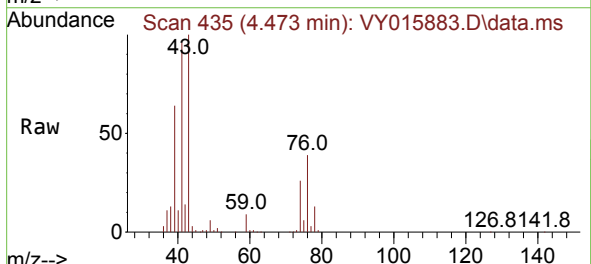
Instrument :
MSVOA_Y
ClientSampleId :

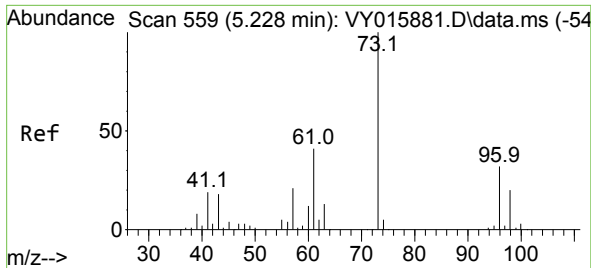
Tgt Ion: 76 Resp: 292625
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 128.854 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.012 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion: 43 Resp: 351814
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0

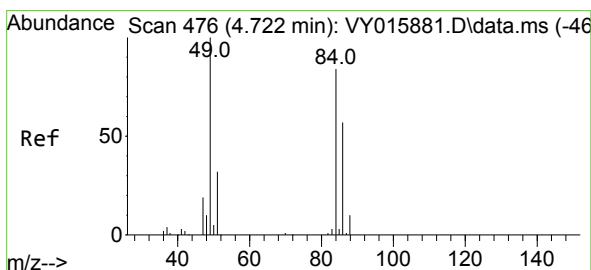
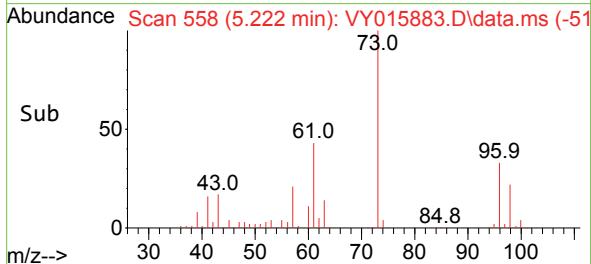
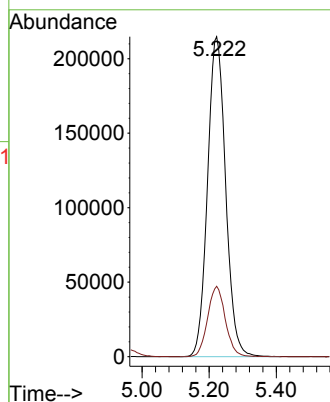
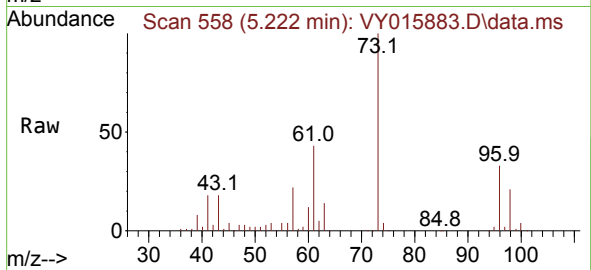




#19
Methyl tert-butyl Ether
Concen: 136.918 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

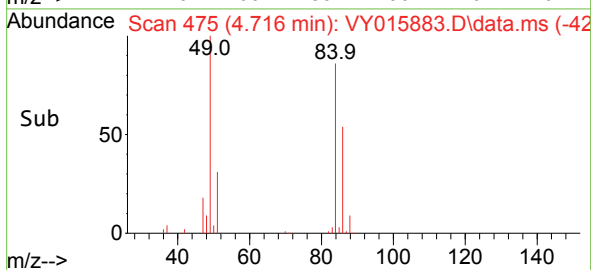
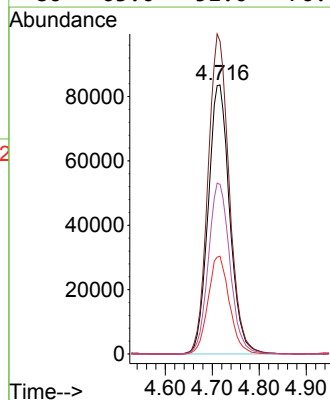
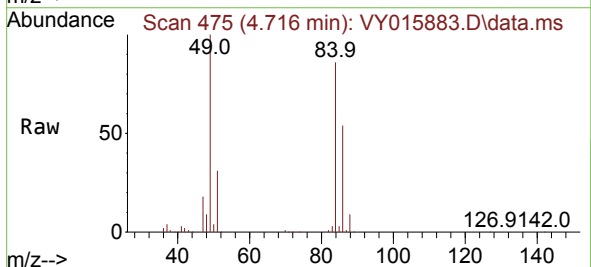
Instrument :
MSVOA_Y
ClientSampleId :

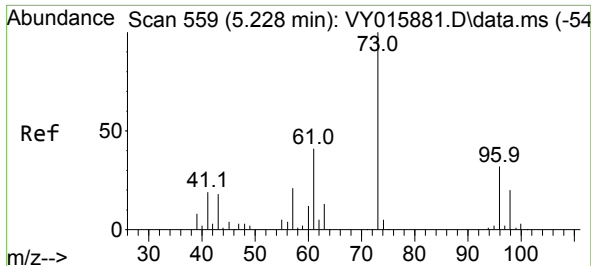
Tgt Ion: 73 Resp: 802669
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 144.791 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

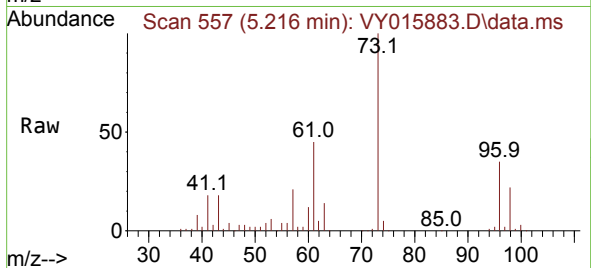
Tgt Ion: 84 Resp: 265567
Ion Ratio Lower Upper
84 100
49 116.2 106.9 160.3
51 36.4 33.2 49.8
86 63.0 51.0 76.6



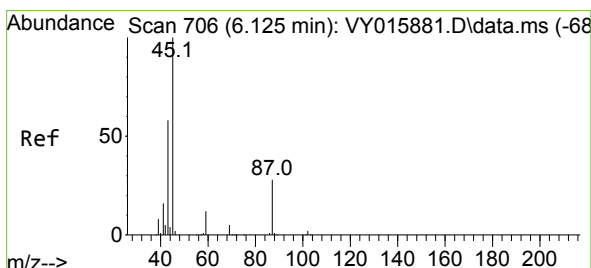
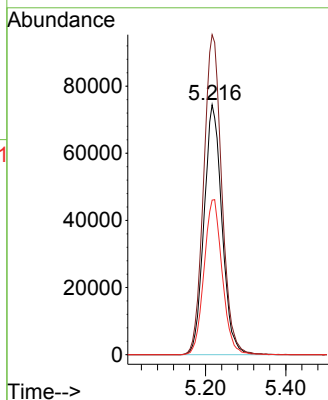
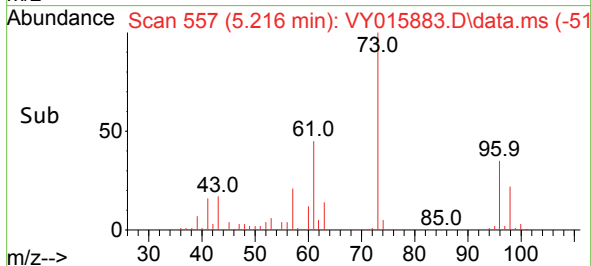


#21
trans-1,2-Dichloroethene
Concen: 153.738 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Instrument :
MSVOA_Y
ClientSampleId :

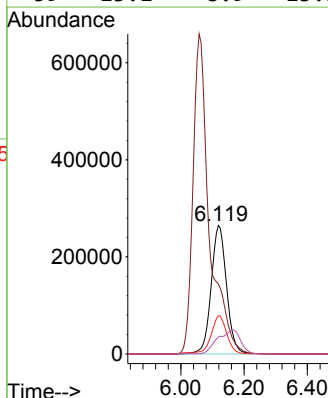
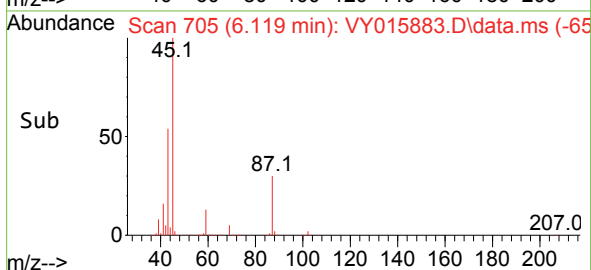
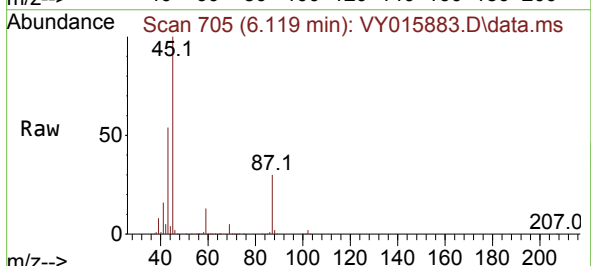


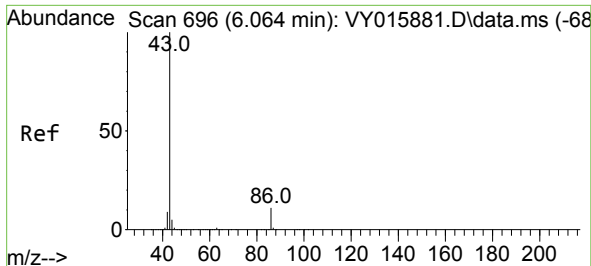
Tgt Ion: 96 Resp: 230785
Ion Ratio Lower Upper
96 100
61 128.0 110.2 165.4
98 61.9 51.8 77.6



#22
Diisopropyl ether
Concen: 139.455 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion: 45 Resp: 889702
Ion Ratio Lower Upper
45 100
43 54.3 52.2 78.4
87 29.6 21.0 31.6
59 13.1 8.9 13.3

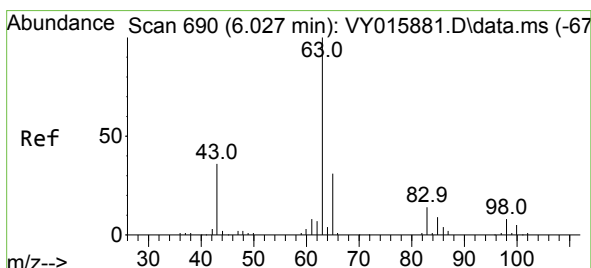
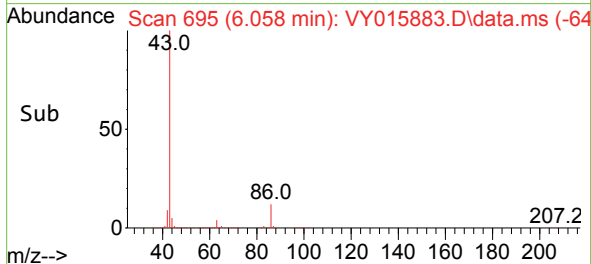
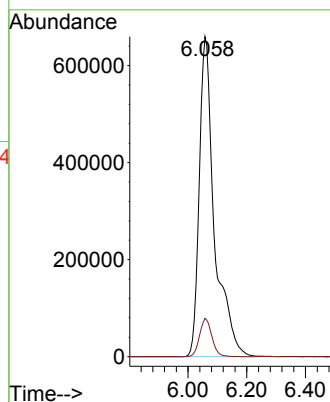
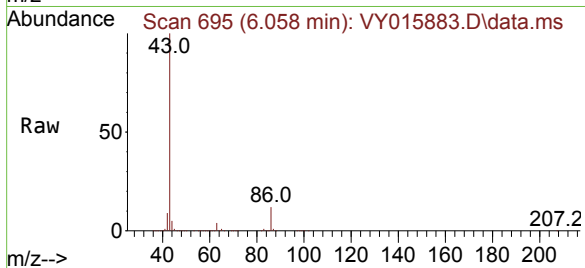




#23
 Vinyl Acetate
 Concen: 673.495 ug/l
 RT: 6.058 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY015883.D
 Acq: 09 Oct 2023 15:55

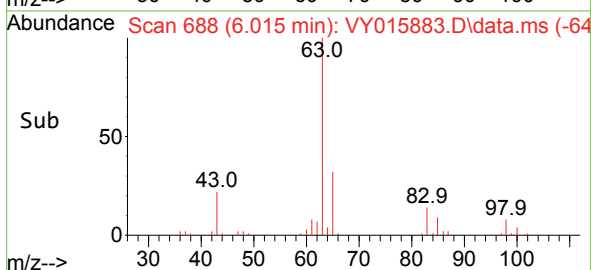
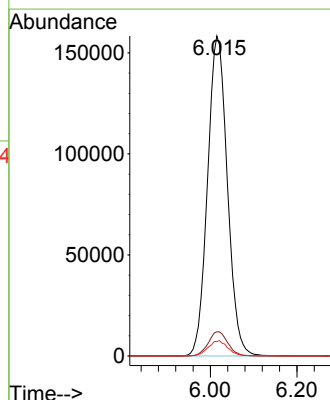
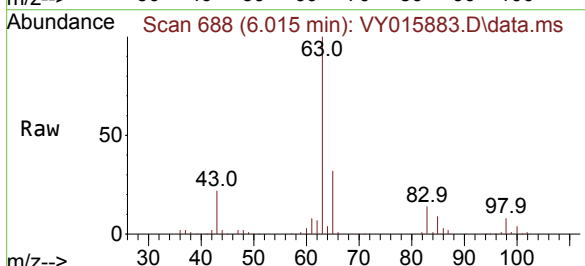
Instrument :
 MSVOA_Y
 ClientSampleId :

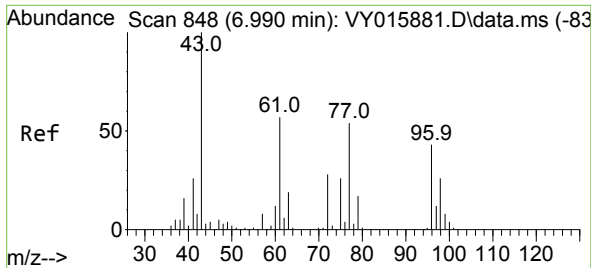
Tgt Ion: 43 Resp: 2362742
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 143.231 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY015883.D
 Acq: 09 Oct 2023 15:55

Tgt Ion: 63 Resp: 503361
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.5 1.8 5.5

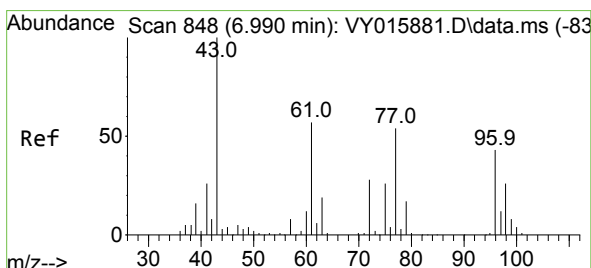
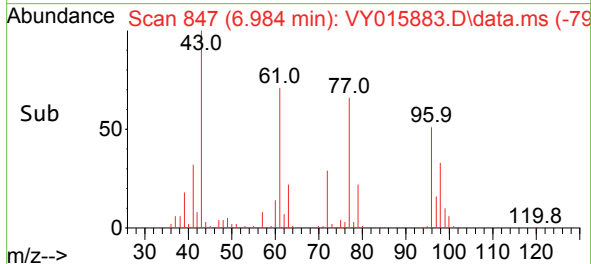
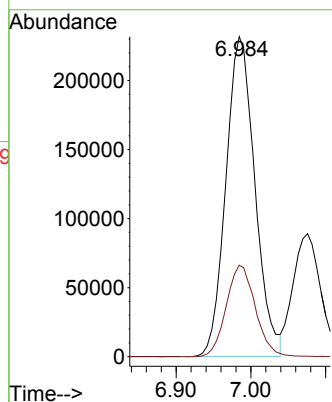
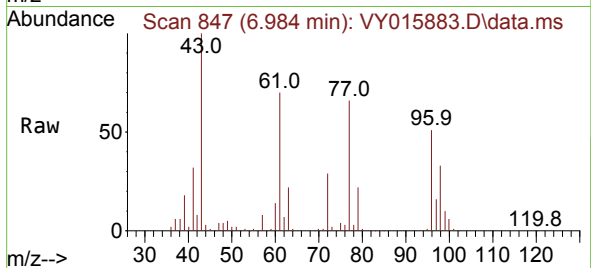




#25
2-Butanone
Concen: 566.855 ug/l
RT: 6.984 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

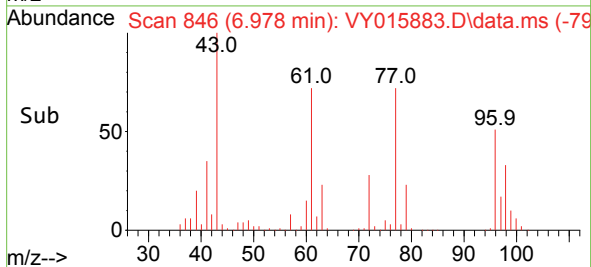
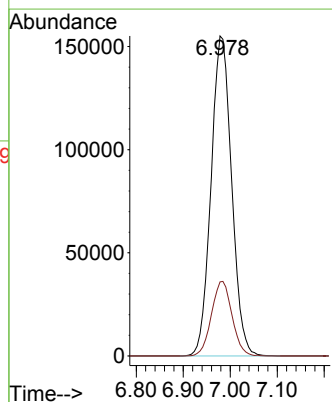
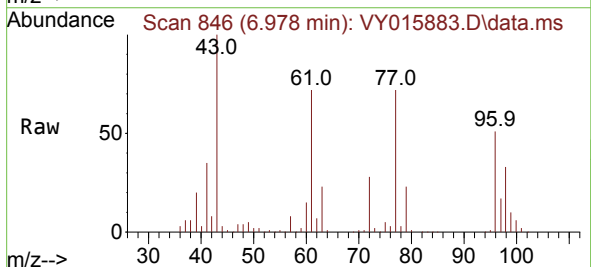
Instrument :
MSVOA_Y
ClientSampleId :

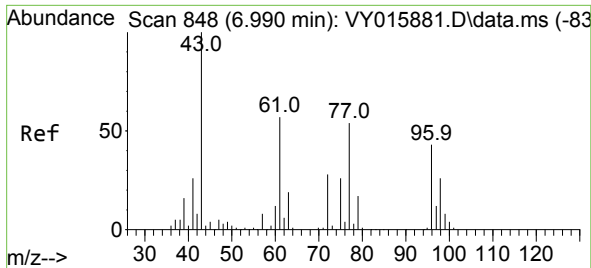
Tgt Ion: 43 Resp: 626263
Ion Ratio Lower Upper
43 100
72 28.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 144.332 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

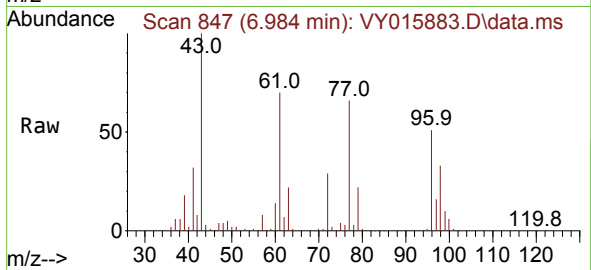
Tgt Ion: 77 Resp: 471720
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.9



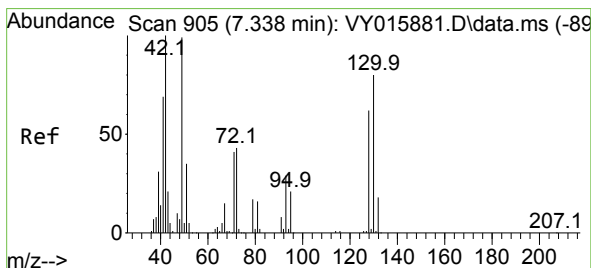
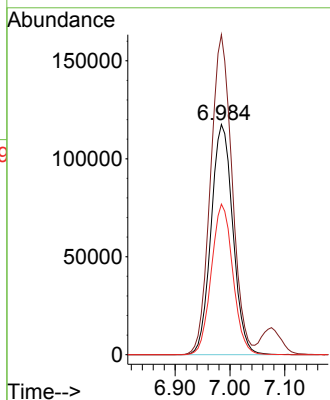
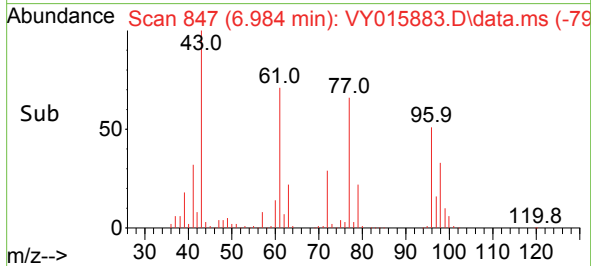


#27
 cis-1,2-Dichloroethene
 Concen: 146.540 ug/l
 RT: 6.984 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY015883.D
 Acq: 09 Oct 2023 15:55

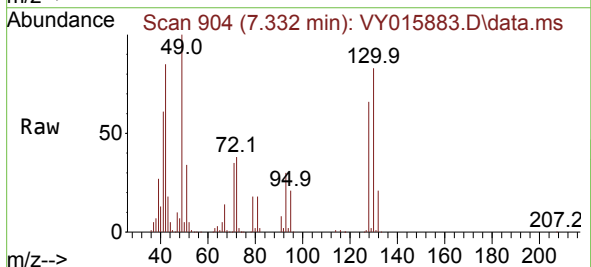
Instrument :
 MSVOA_Y
 ClientSampleId :



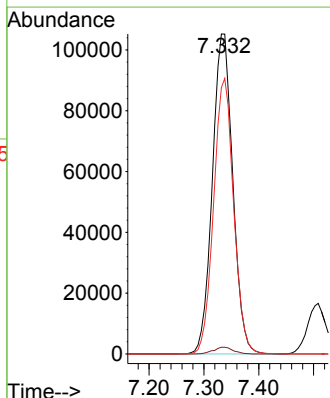
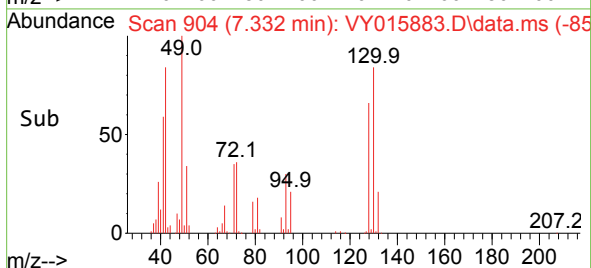
Tgt Ion: 96 Resp: 324675
 Ion Ratio Lower Upper
 96 100
 61 138.0 0.0 301.4
 98 64.6 0.0 130.4

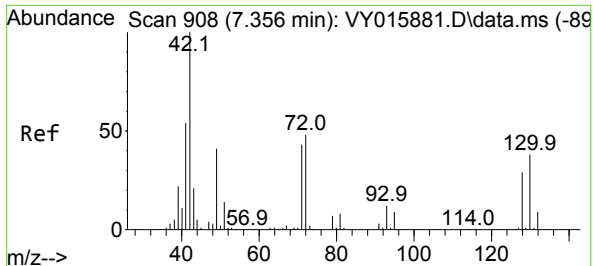


#28
 Bromochloromethane
 Concen: 134.446 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: VY015883.D
 Acq: 09 Oct 2023 15:55



Tgt Ion: 49 Resp: 272313
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 84.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 596.631 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

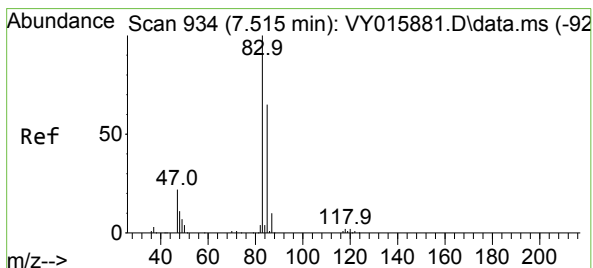
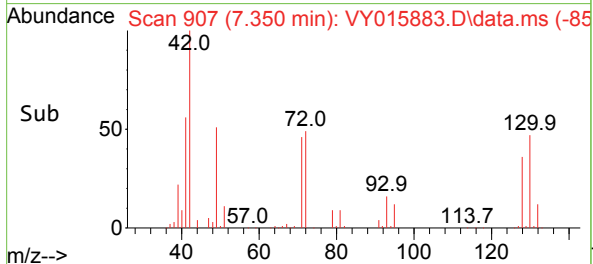
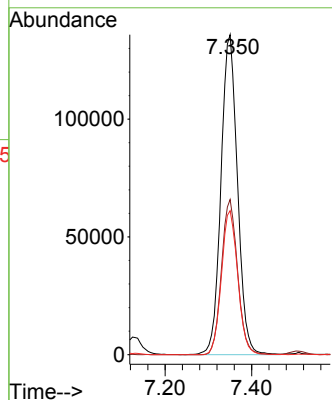
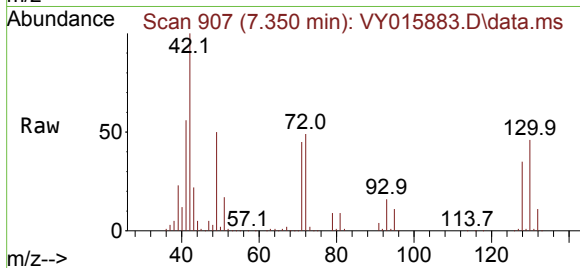
Tgt Ion: 42 Resp: 360595

Ion Ratio Lower Upper

42 100

72 47.2 32.8 49.2

71 44.4 31.0 46.4



#30

Chloroform

Concen: 140.458 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY015883.D

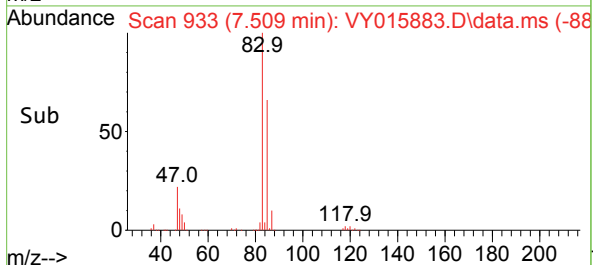
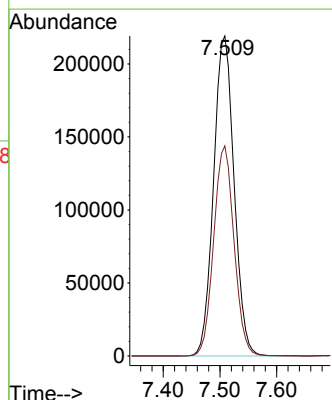
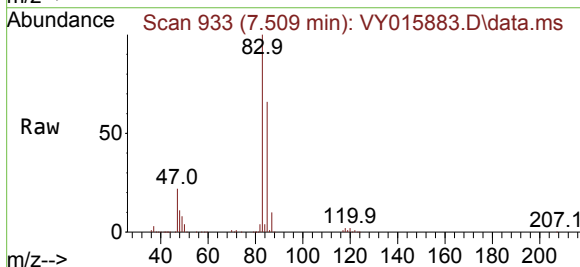
Acq: 09 Oct 2023 15:55

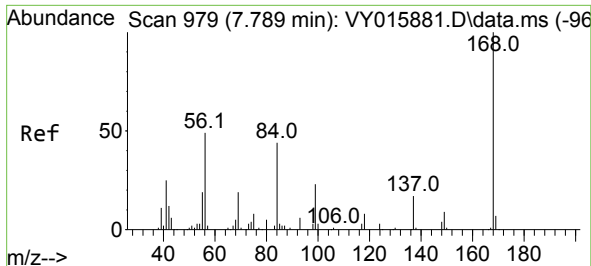
Tgt Ion: 83 Resp: 550582

Ion Ratio Lower Upper

83 100

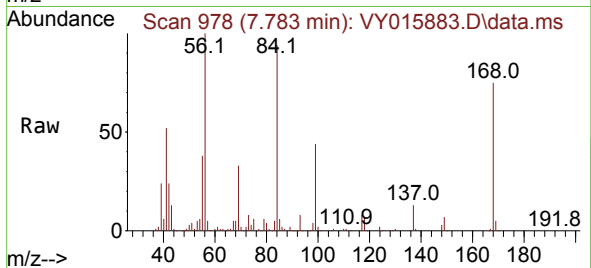
85 65.6 49.7 74.5



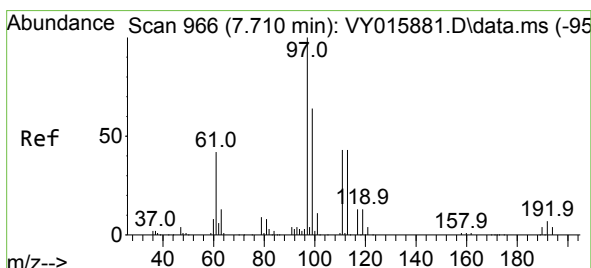
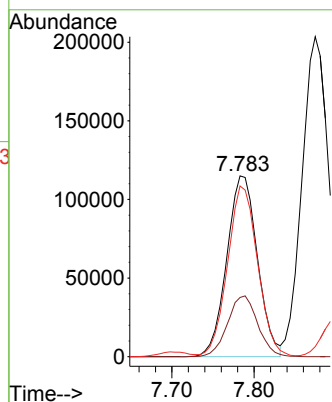
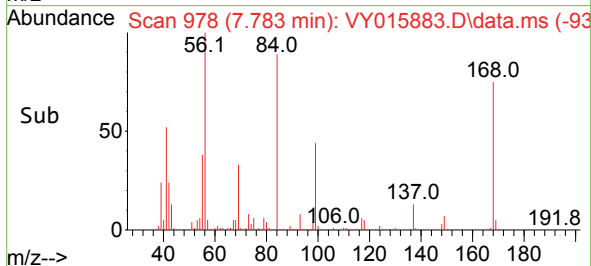


#31
Cyclohexane
Concen: 138.282 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Instrument :
MSVOA_Y
ClientSampleId :

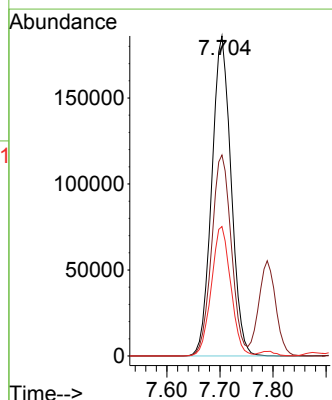
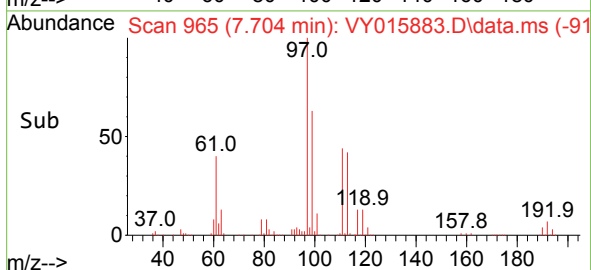
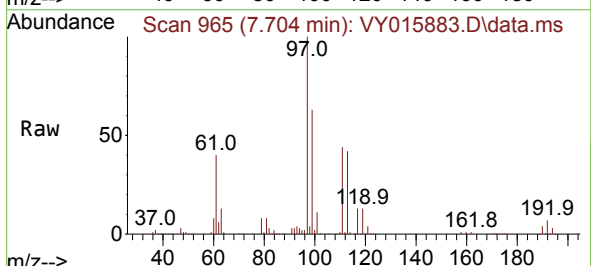


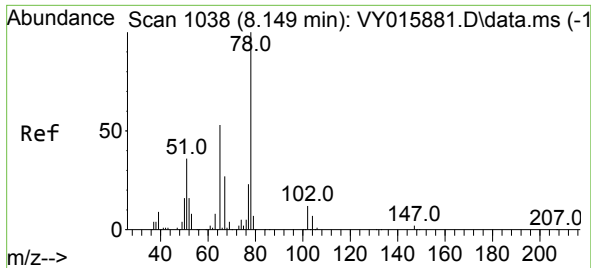
Tgt Ion: 56 Resp: 298273
Ion Ratio Lower Upper
56 100
69 32.8 27.8 41.6
84 92.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 147.147 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion: 97 Resp: 471054
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 40.7 35.1 52.7

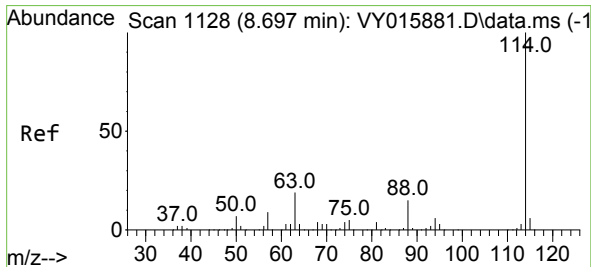
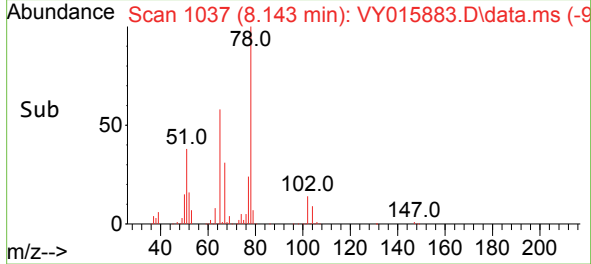
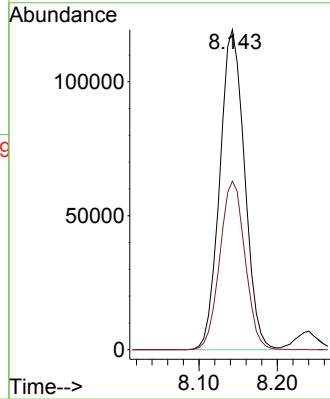
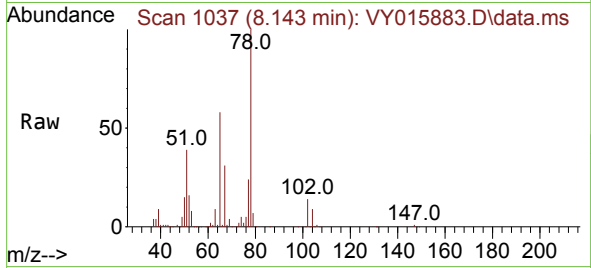




#33
 1,2-Dichloroethane-d4
 Concen: 130.621 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY015883.D
 Acq: 09 Oct 2023 15:55

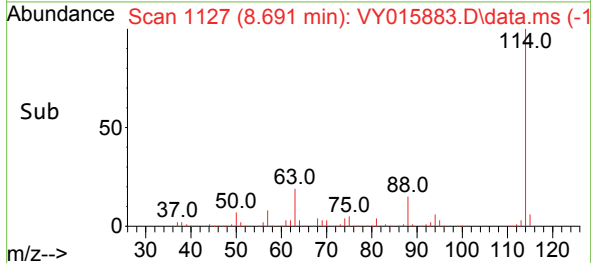
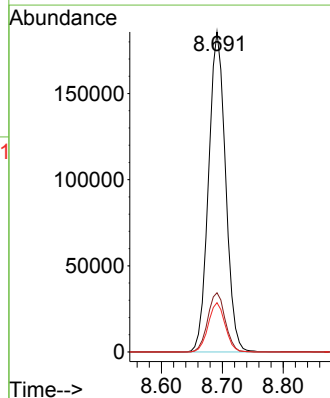
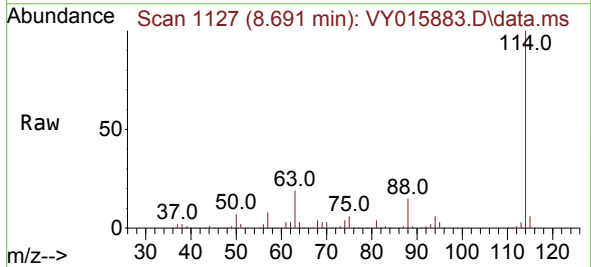
Instrument :
 MSVOA_Y
 ClientSampleId :

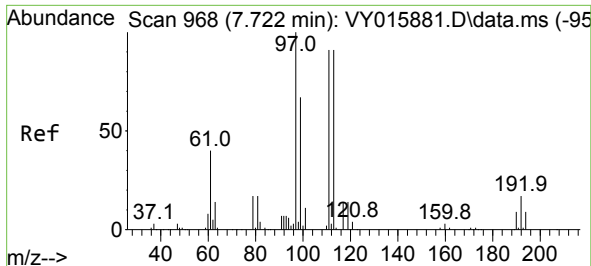
Tgt Ion: 65 Resp: 263070
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY015883.D
 Acq: 09 Oct 2023 15:55

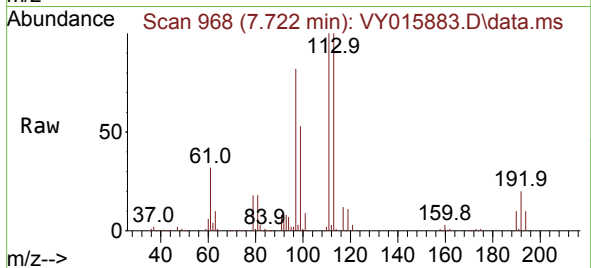
Tgt Ion: 114 Resp: 360093
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 42.4
 88 15.4 0.0 30.6



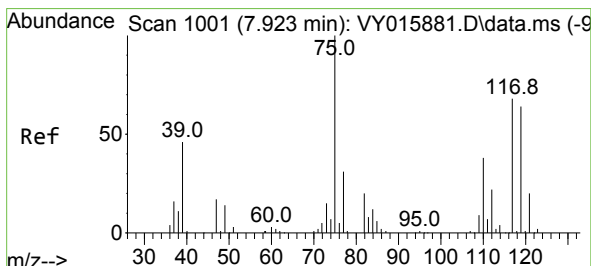
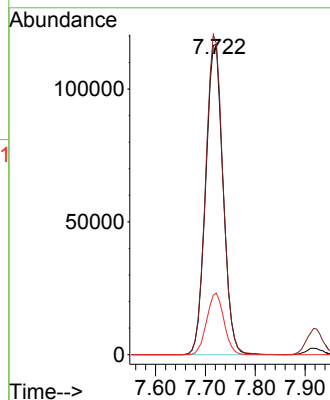
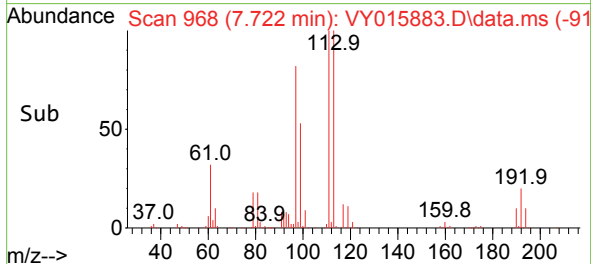


#35
Dibromofluoromethane
Concen: 140.748 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

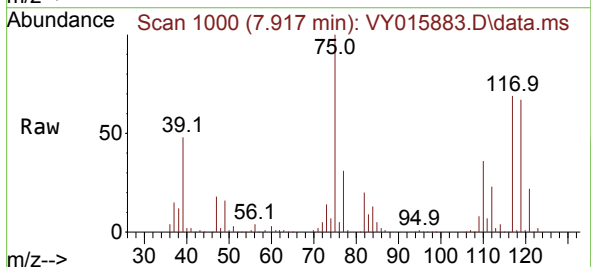
Instrument :
MSVOA_Y
ClientSampleId :



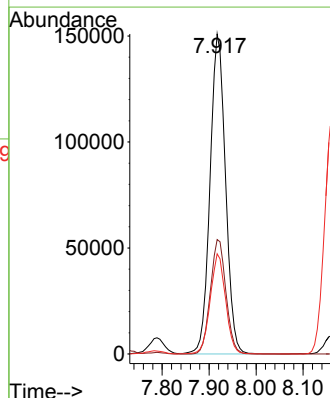
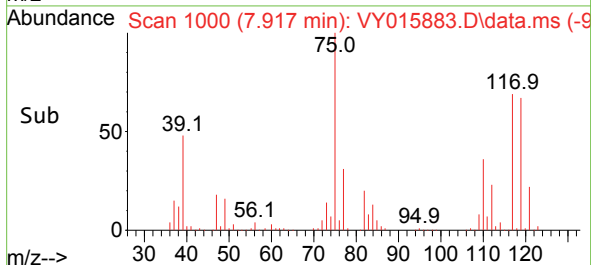
Tgt Ion:113 Resp: 282694
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.7 16.9 25.3

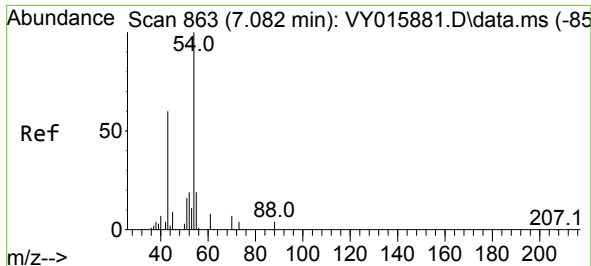


#36
1,1-Dichloropropene
Concen: 155.033 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55



Tgt Ion: 75 Resp: 344865
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 123.663 ug/l

RT: 7.076 min Scan# 80

Delta R.T. -0.006 min

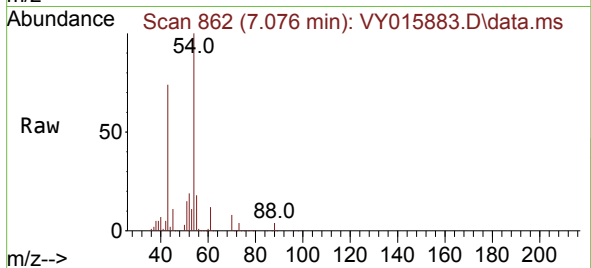
Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :



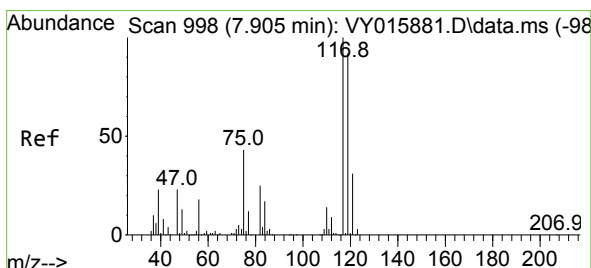
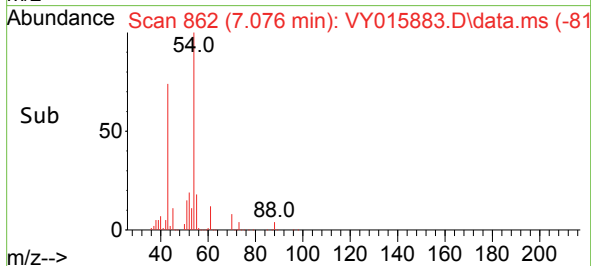
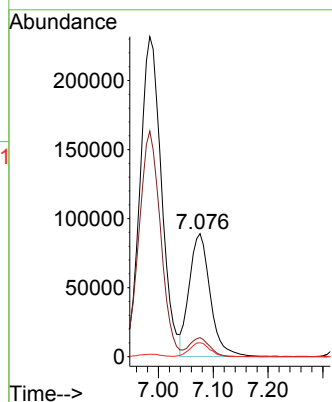
Tgt Ion: 43 Resp: 236251

Ion Ratio Lower Upper

43 100

61 14.5 10.1 15.1

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 152.205 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

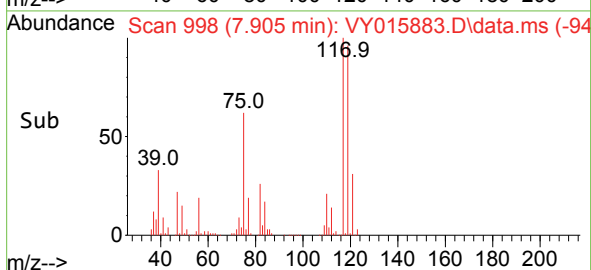
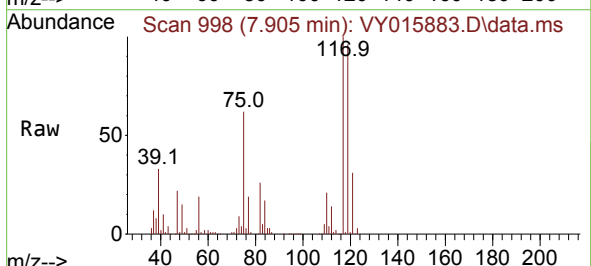
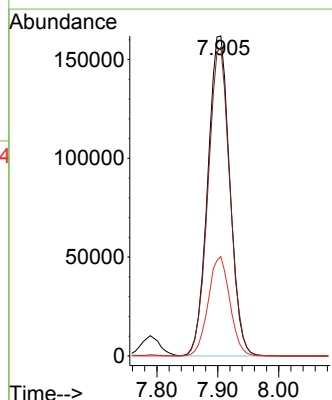
Tgt Ion: 117 Resp: 406612

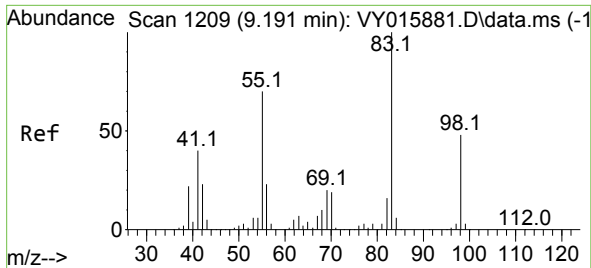
Ion Ratio Lower Upper

117 100

119 96.4 76.4 114.6

121 31.1 25.8 38.6

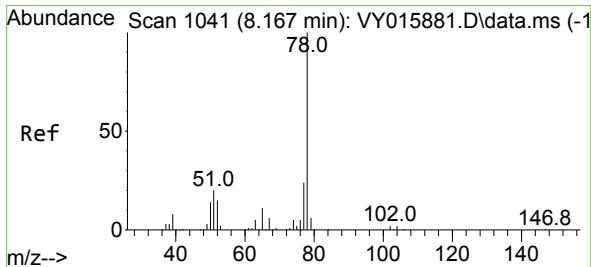
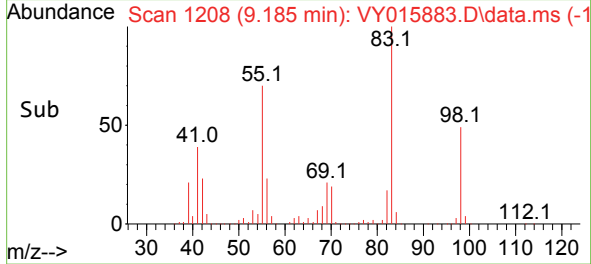
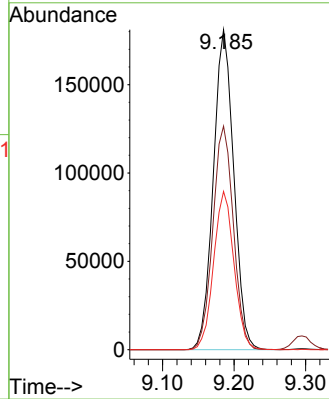
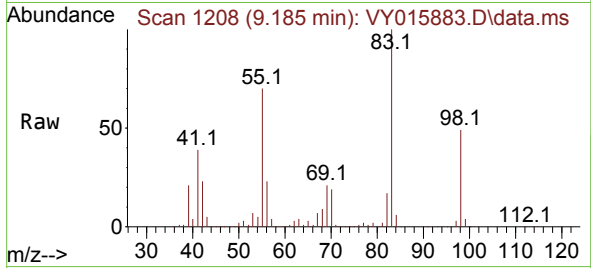




#39
Methylcyclohexane
Concen: 159.095 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

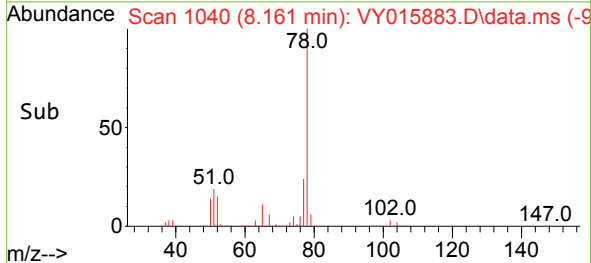
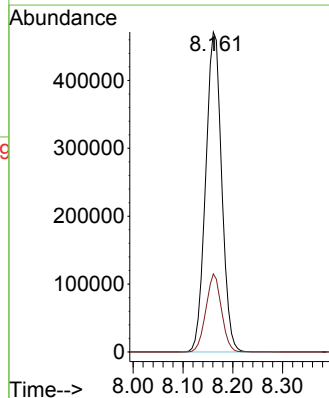
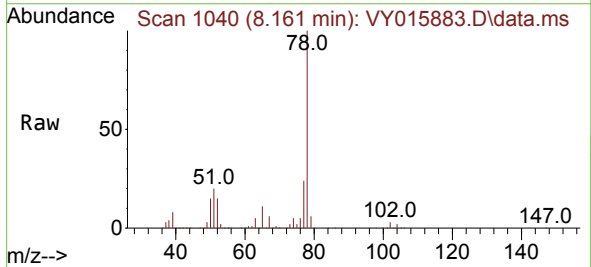
Instrument :
MSVOA_Y
ClientSampleId :

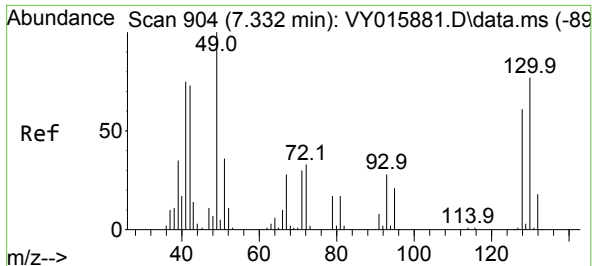
Tgt Ion: 83 Resp: 359481
Ion Ratio Lower Upper
83 100
55 69.8 63.0 94.4
98 49.4 37.4 56.2



#40
Benzene
Concen: 150.253 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

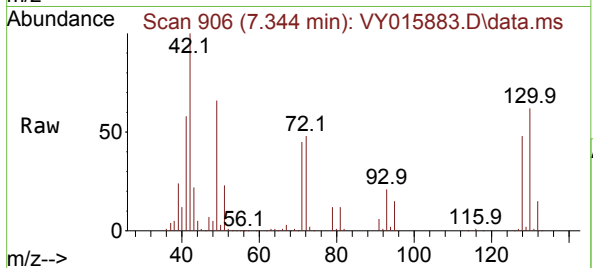
Tgt Ion: 78 Resp: 1050374
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6



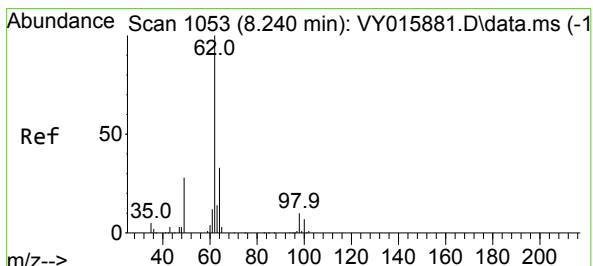
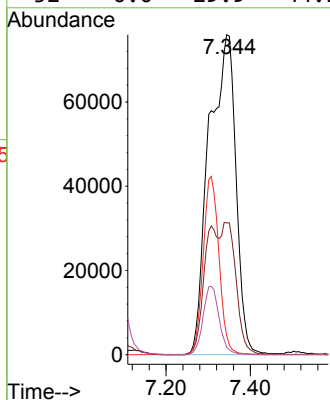
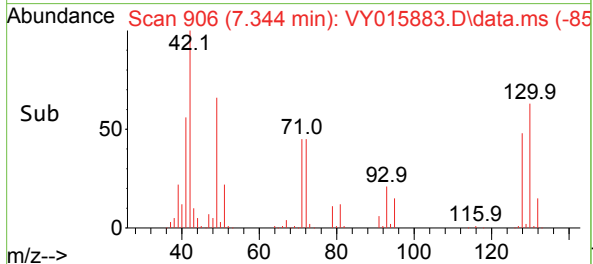


#41
Methacrylonitrile
Concen: 281.881 ug/l
RT: 7.344 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Instrument :
MSVOA_Y
ClientSampleId :

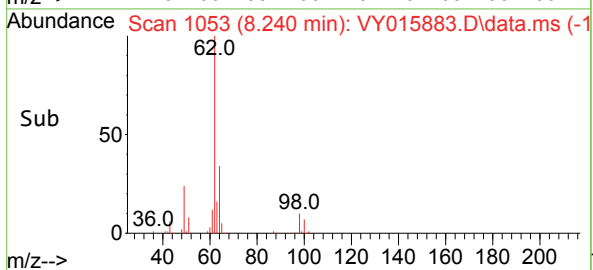
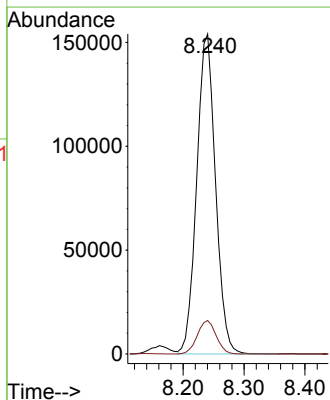
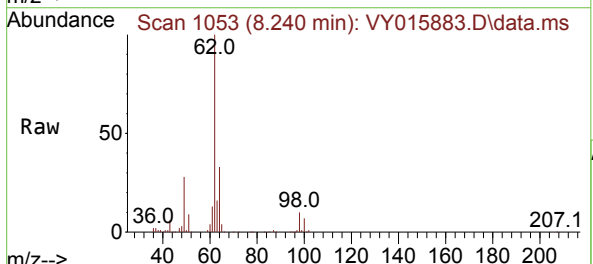


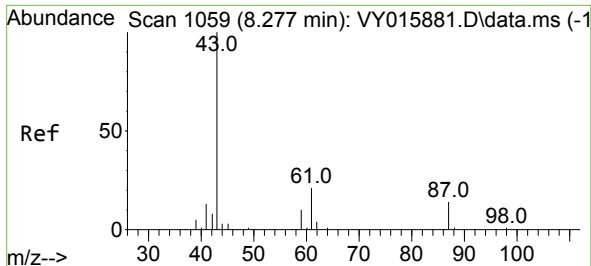
Tgt Ion: 41 Resp: 334723
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 138.614 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion: 62 Resp: 330314
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8

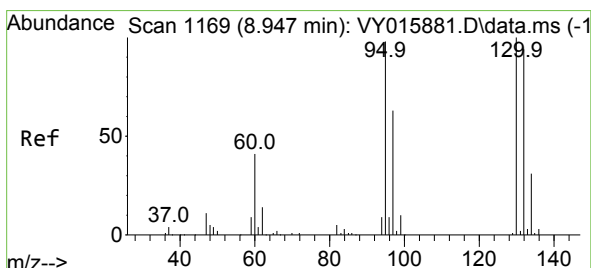
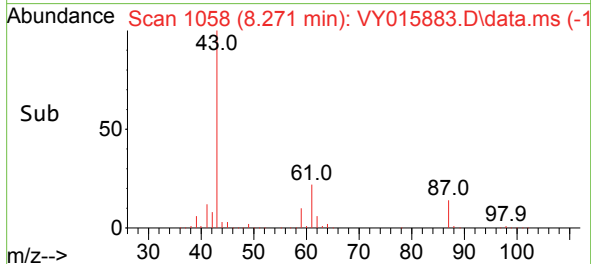
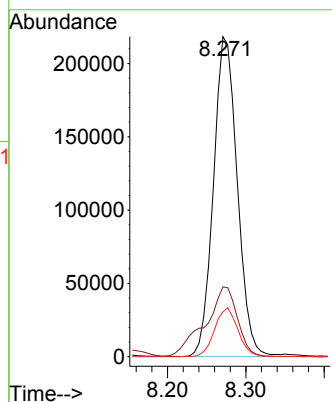
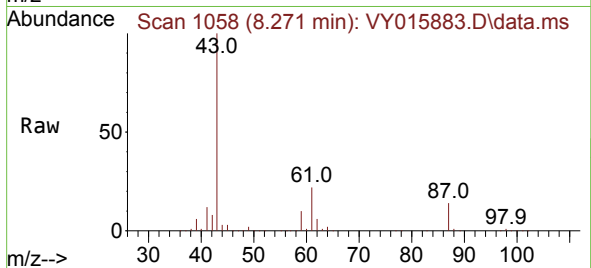




#43
Isopropyl Acetate
Concen: 130.321 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

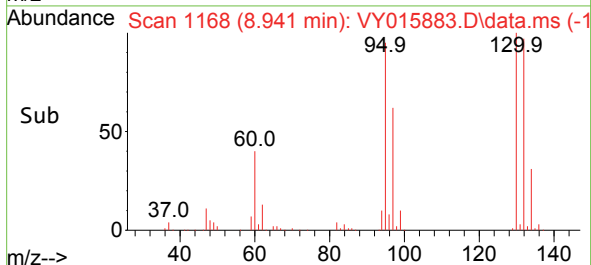
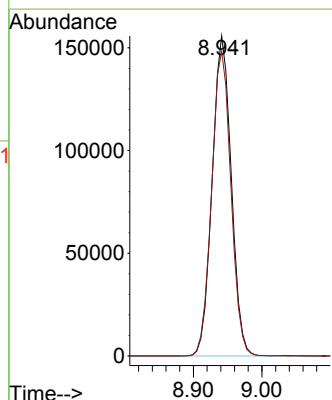
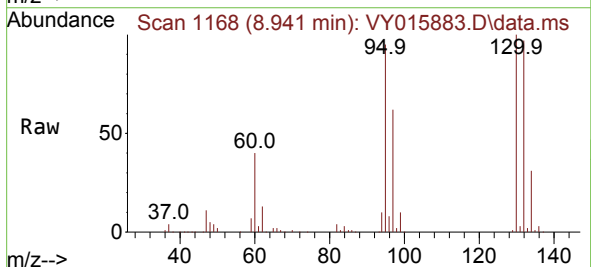
Instrument :
MSVOA_Y
ClientSampleId :

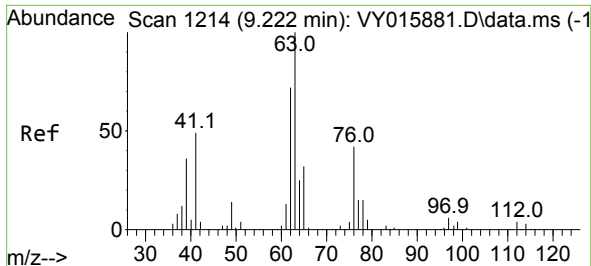
Tgt Ion: 43 Resp: 460864
Ion Ratio Lower Upper
43 100
61 29.7 21.1 31.7
87 15.0 9.8 14.8#



#44
Trichloroethene
Concen: 148.695 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion:130 Resp: 300790
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0

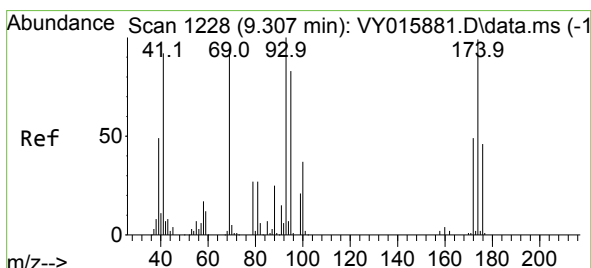
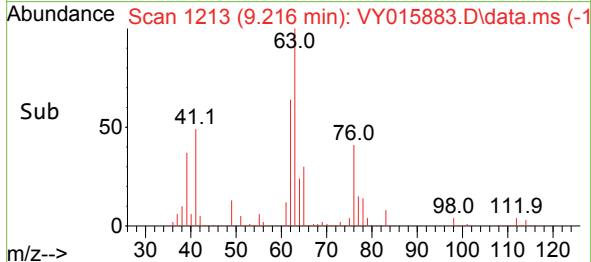
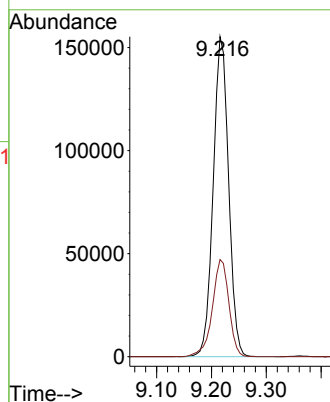
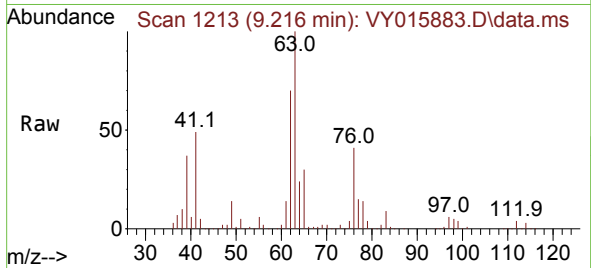




#45
1,2-Dichloropropane
Concen: 143.919 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

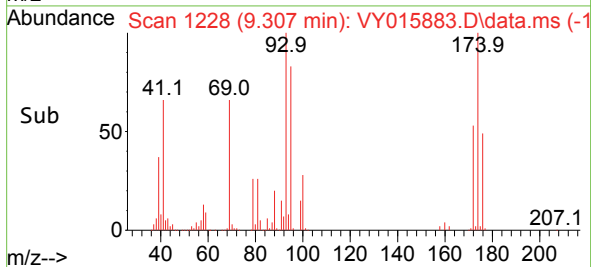
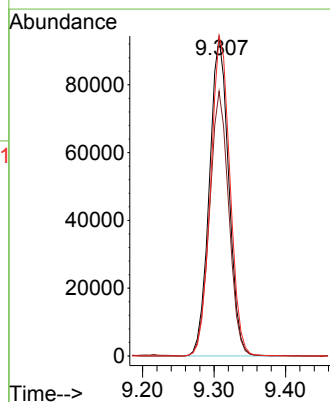
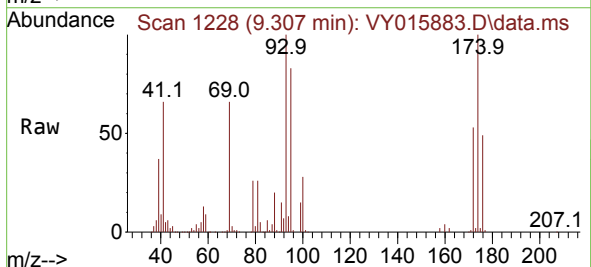
Instrument :
MSVOA_Y
ClientSampleId :

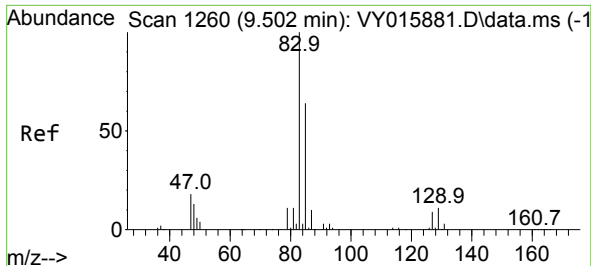
Tgt Ion: 63 Resp: 302618
Ion Ratio Lower Upper
63 100
65 30.4 23.8 35.6



#46
Dibromomethane
Concen: 140.745 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion: 93 Resp: 176114
Ion Ratio Lower Upper
93 100
95 82.7 66.6 100.0
174 100.6 84.8 127.2





#47

Bromodichloromethane

Concen: 142.861 ug/l

RT: 9.496 min Scan# 1

Delta R.T. -0.006 min

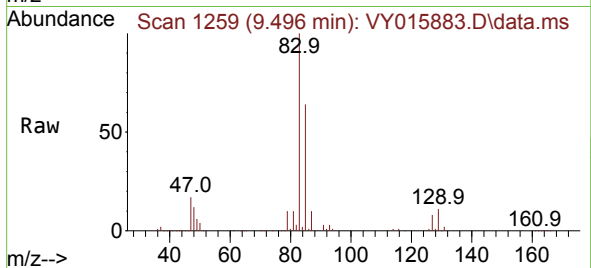
Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :



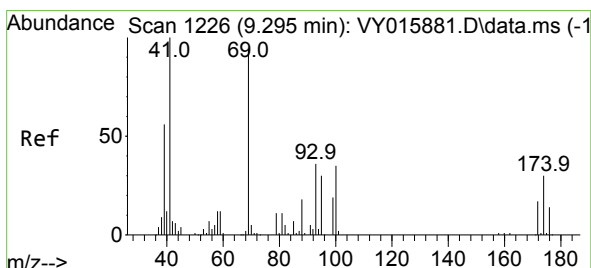
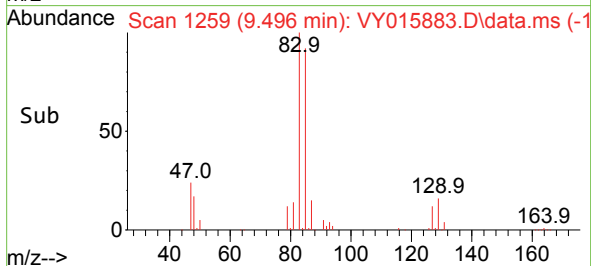
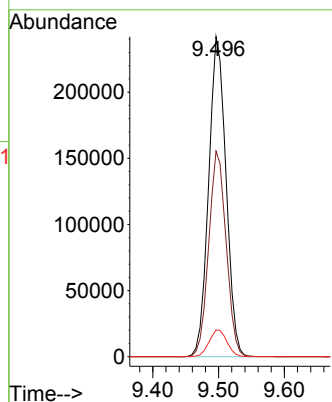
Tgt Ion: 83 Resp: 444591

Ion Ratio Lower Upper

83 100

85 64.2 50.1 75.1

127 8.4 7.1 10.7



#48

Methyl methacrylate

Concen: 131.184 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

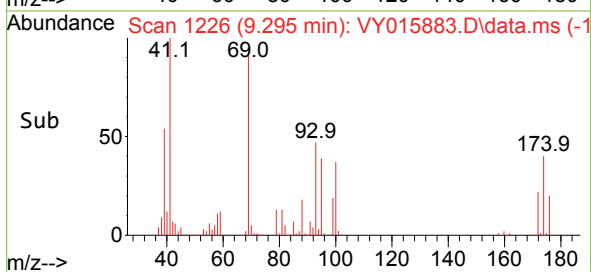
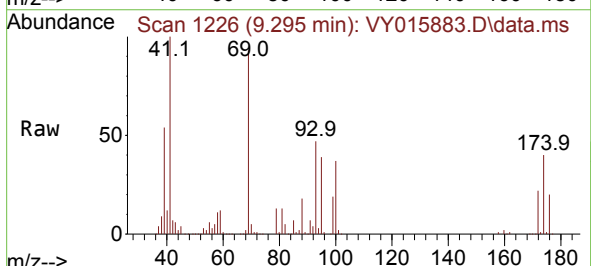
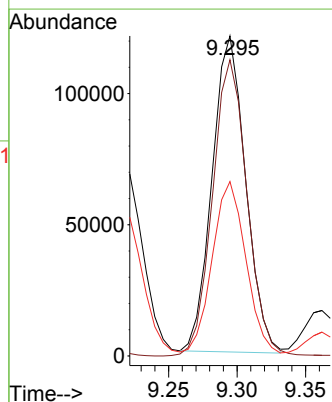
Tgt Ion: 41 Resp: 204875

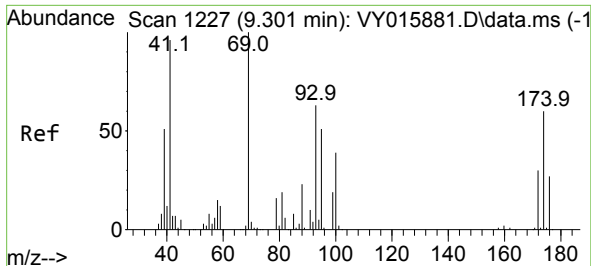
Ion Ratio Lower Upper

41 100

69 96.8 64.5 96.7#

39 56.1 50.8 76.2





#49

1,4-Dioxane

Concen: 2589.534 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.006 min

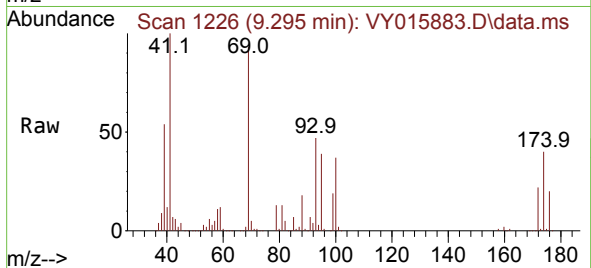
Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :



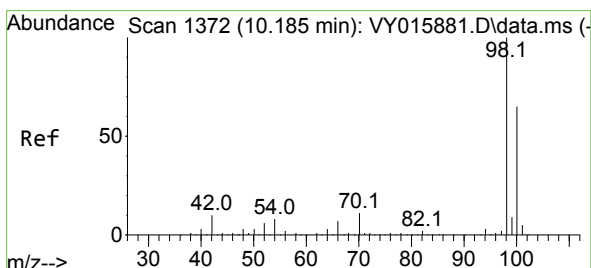
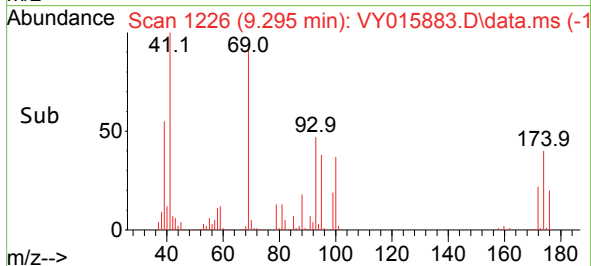
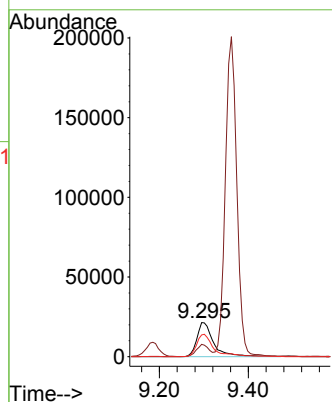
Tgt Ion: 88 Resp: 56327

Ion Ratio Lower Upper

88 100

43 25.9 0.0 0.0#

58 68.2 30.9 46.3#



#50

Toluene-d8

Concen: 143.029 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY015883.D

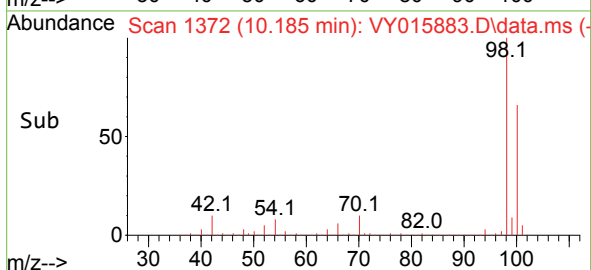
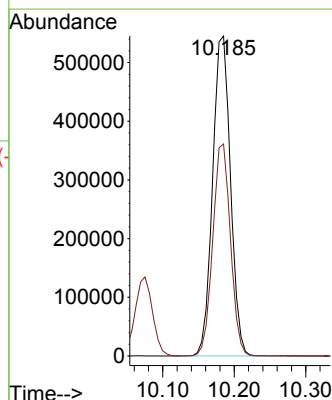
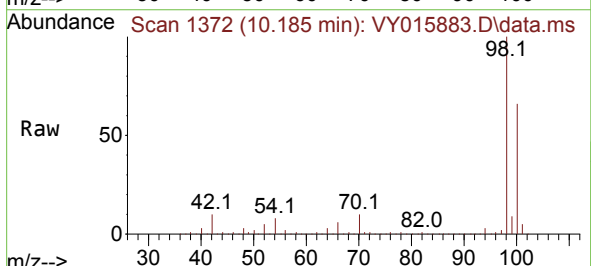
Acq: 09 Oct 2023 15:55

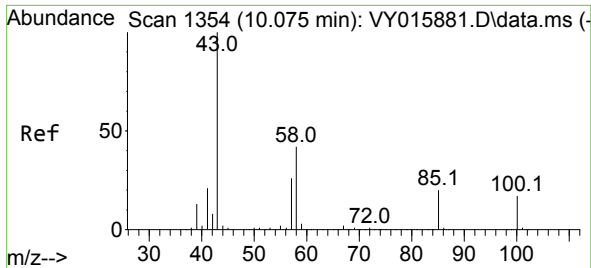
Tgt Ion: 98 Resp: 946777

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

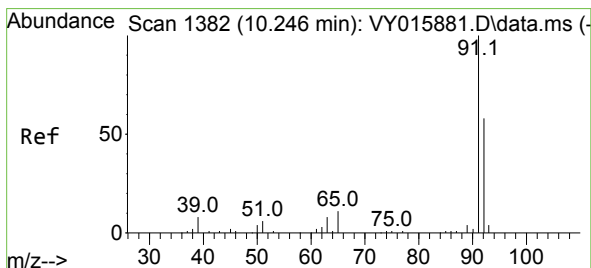
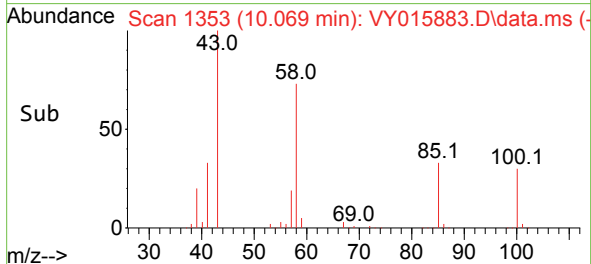
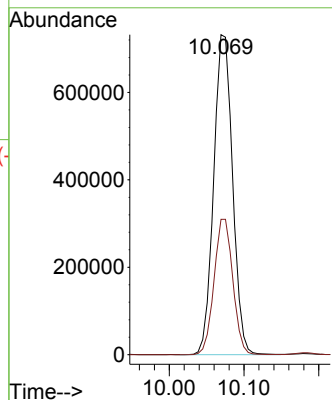
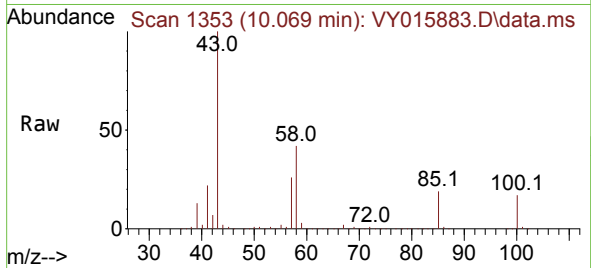




#51
4-Methyl-2-Pentanone
Concen: 607.259 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

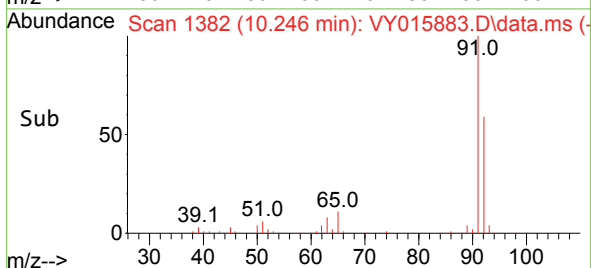
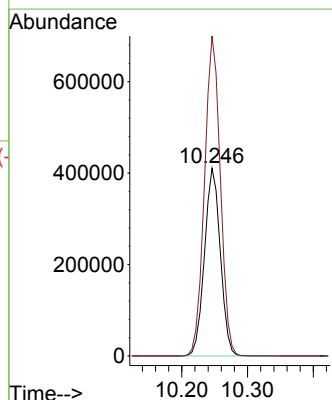
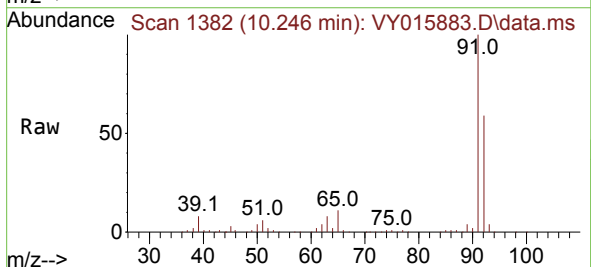
Instrument :
MSVOA_Y
ClientSampleId :

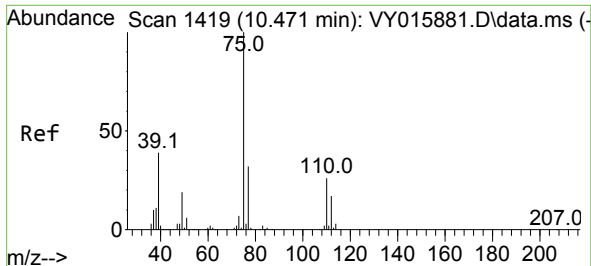
Tgt Ion: 43 Resp: 1284824
Ion Ratio Lower Upper
43 100
58 42.1 29.0 43.6



#52
Toluene
Concen: 147.807 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

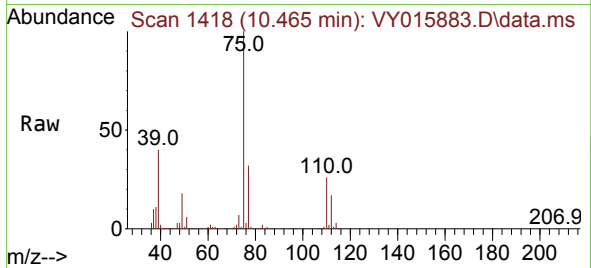
Tgt Ion: 92 Resp: 685876
Ion Ratio Lower Upper
92 100
91 171.0 143.8 215.6



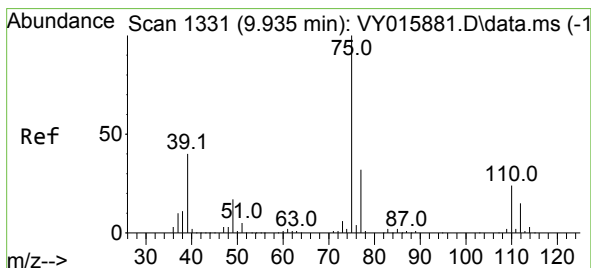
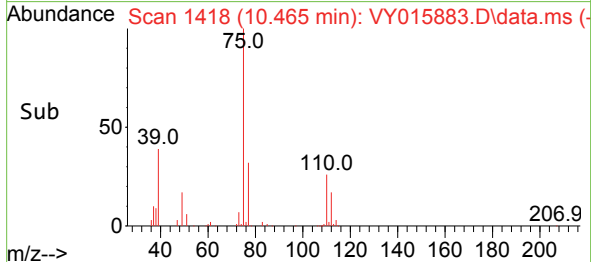
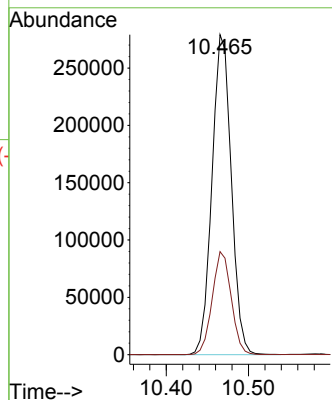


#53
 t-1,3-Dichloropropene
 Concen: 144.770 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY015883.D
 Acq: 09 Oct 2023 15:55

Instrument :
 MSVOA_Y
 ClientSampleId :

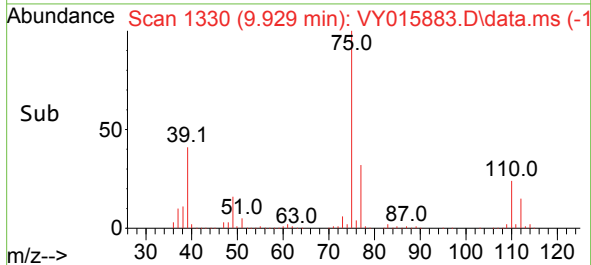
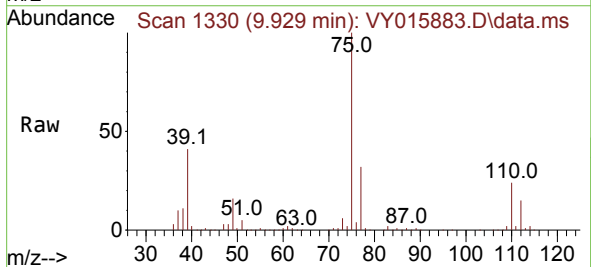
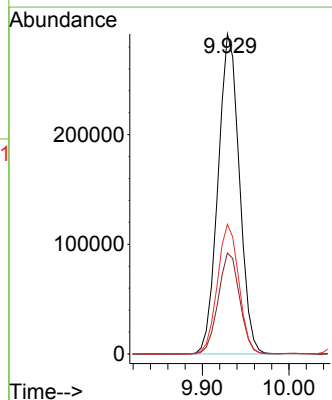


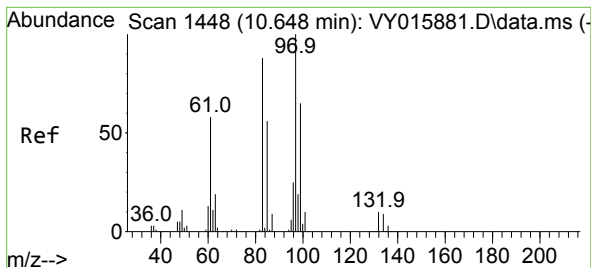
Tgt Ion: 75 Resp: 455463
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 146.155 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY015883.D
 Acq: 09 Oct 2023 15:55

Tgt Ion: 75 Resp: 499483
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 40.5 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 135.244 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 269465

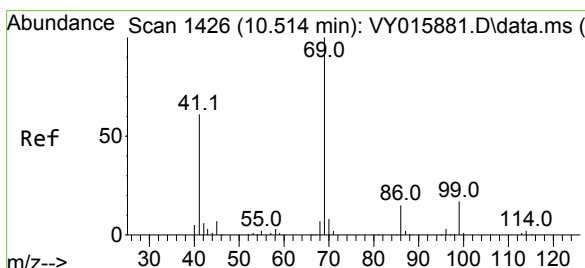
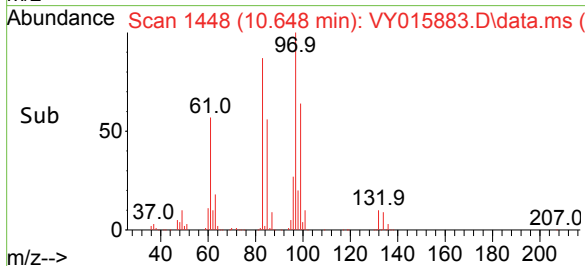
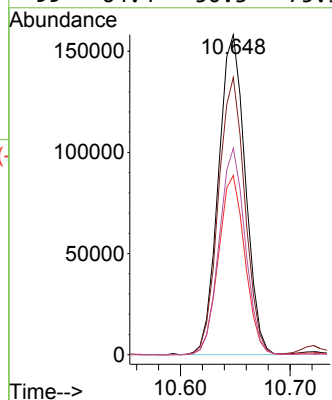
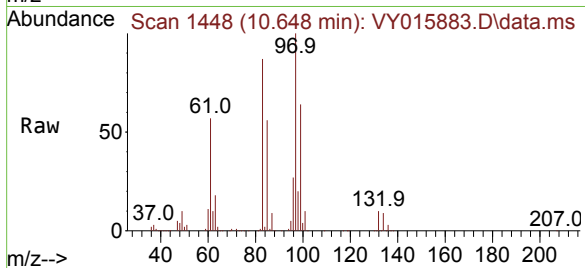
Ion Ratio Lower Upper

97 100

83 86.7 72.0 108.0

85 56.0 45.4 68.0

99 64.4 50.3 75.5



#56

Ethyl methacrylate

Concen: 138.195 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

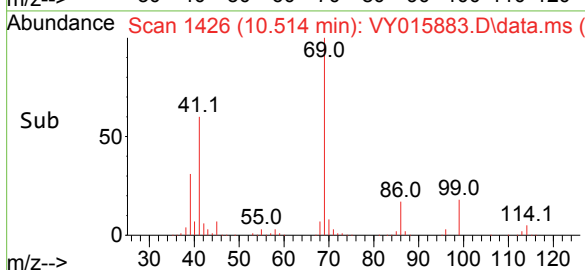
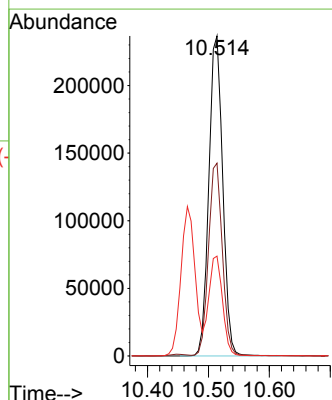
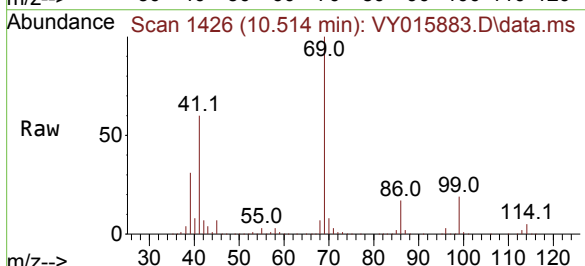
Tgt Ion: 69 Resp: 373811

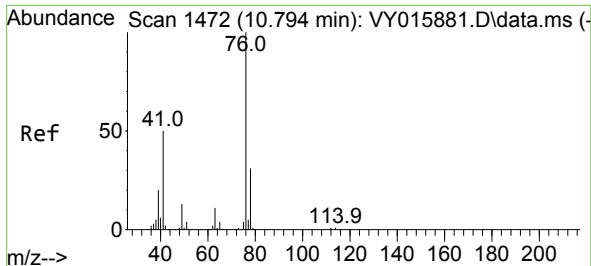
Ion Ratio Lower Upper

69 100

41 59.9 57.6 86.4

39 30.9 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 137.334 ug/l

RT: 10.795 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

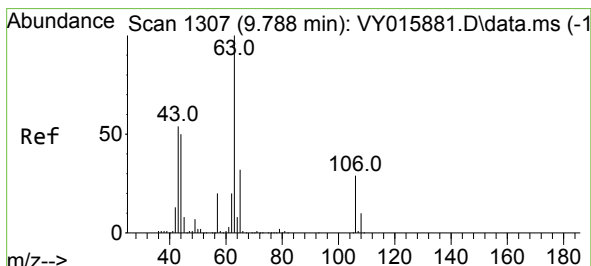
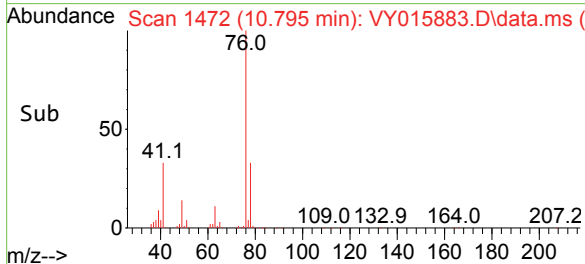
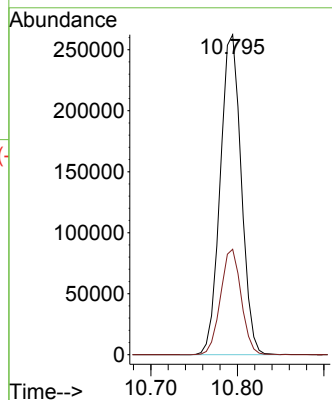
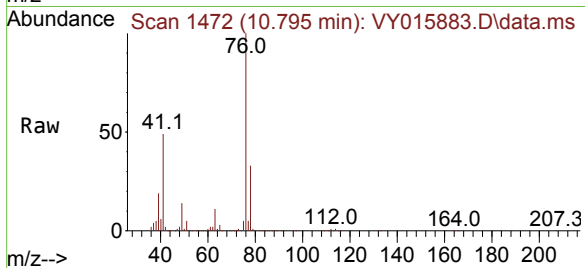
ClientSampleId :

Tgt Ion: 76 Resp: 441160

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 701.202 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY015883.D

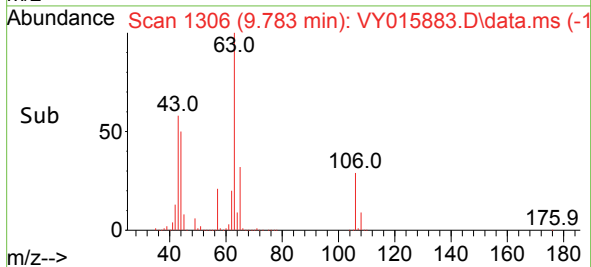
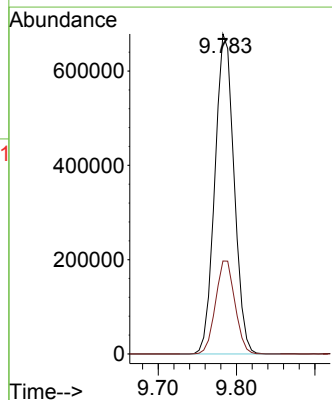
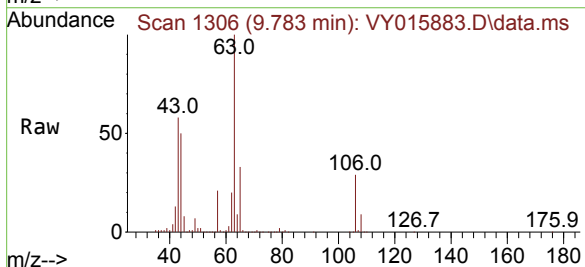
Acq: 09 Oct 2023 15:55

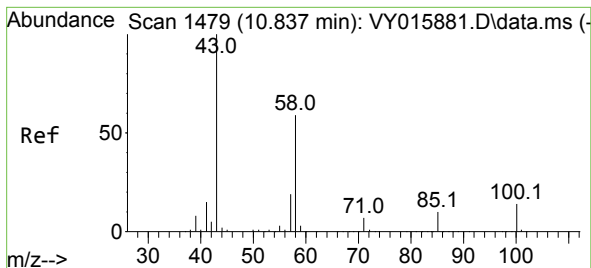
Tgt Ion: 63 Resp: 1156076

Ion Ratio Lower Upper

63 100

106 29.4 21.2 31.8

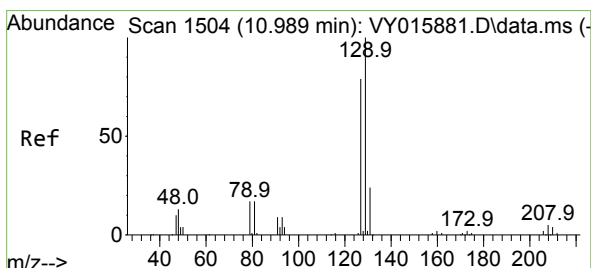
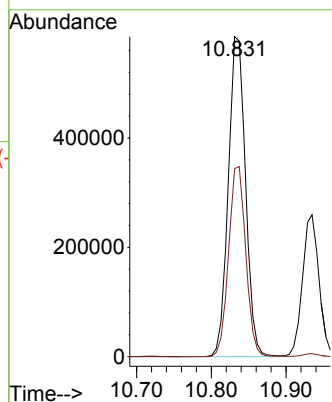
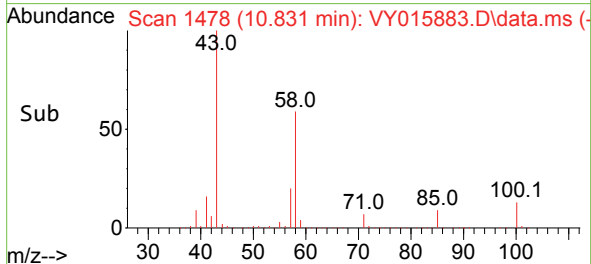
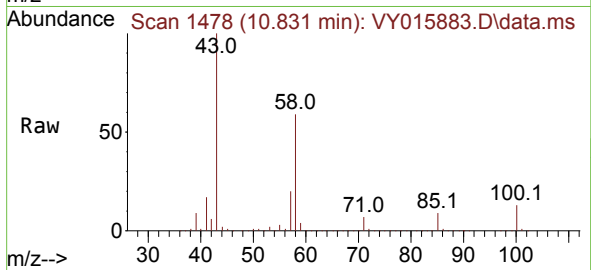




#59
2-Hexanone
Concen: 587.858 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

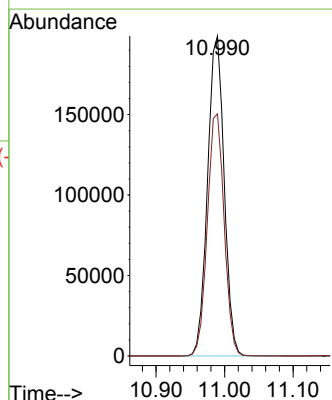
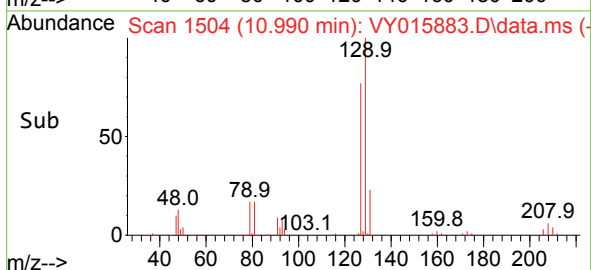
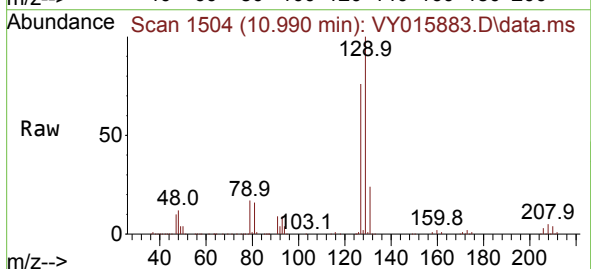
Instrument :
MSVOA_Y
ClientSampleId :

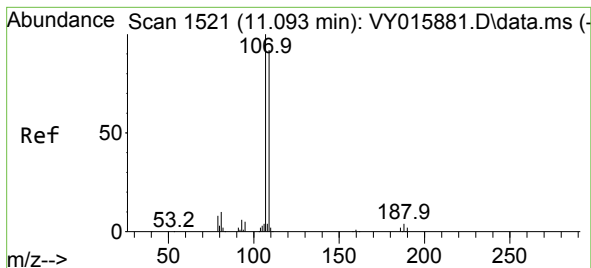
Tgt Ion: 43 Resp: 940978
Ion Ratio Lower Upper
43 100
58 59.2 25.1 75.3



#60
Dibromochloromethane
Concen: 140.144 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion:129 Resp: 334743
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

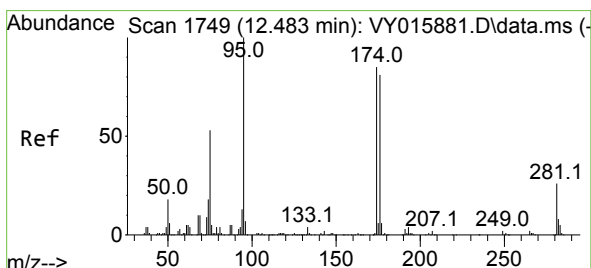
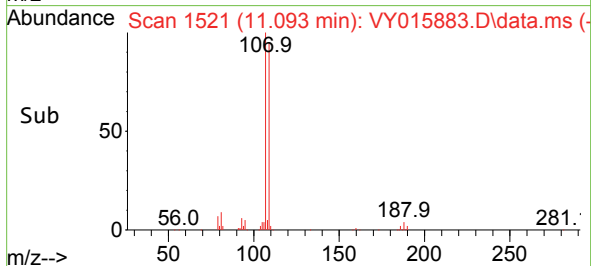
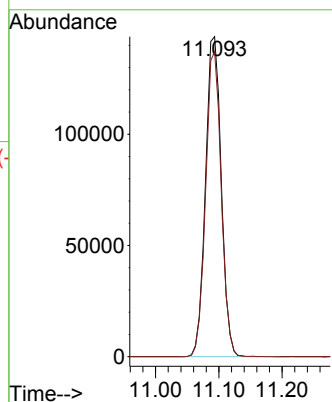
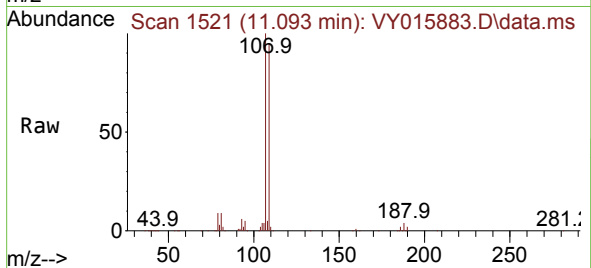




#61
1,2-Dibromoethane
Concen: 137.081 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

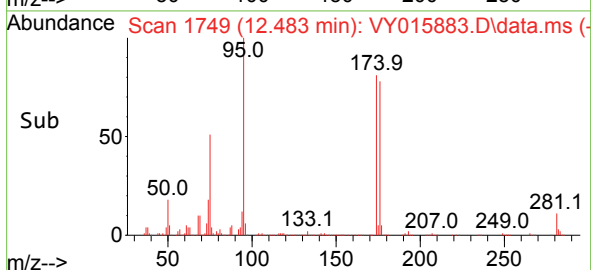
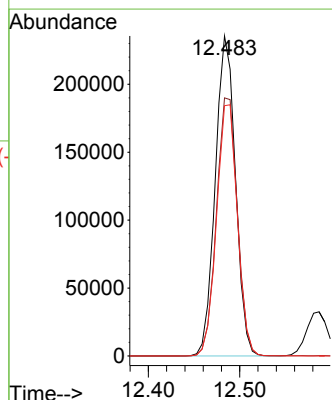
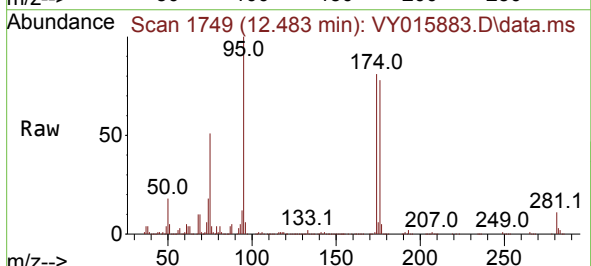
Instrument :
MSVOA_Y
ClientSampleId :

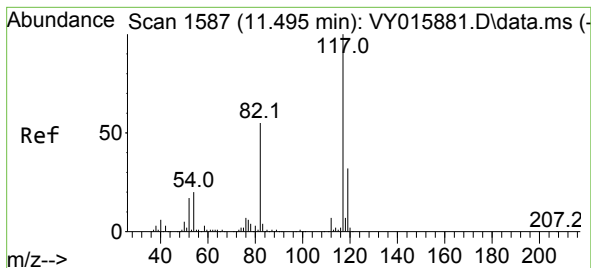
Tgt Ion:107 Resp: 249451
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 134.369 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion: 95 Resp: 361272
Ion Ratio Lower Upper
95 100
174 83.7 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: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

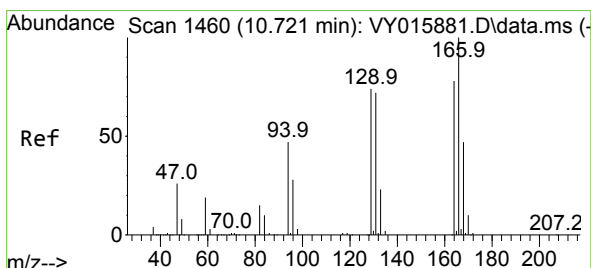
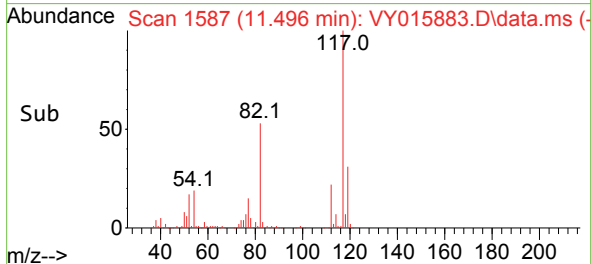
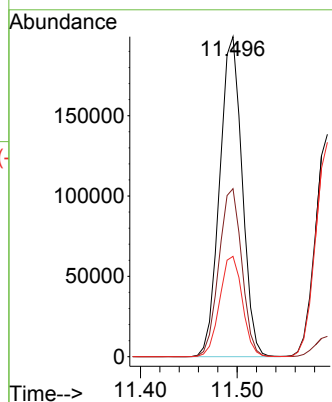
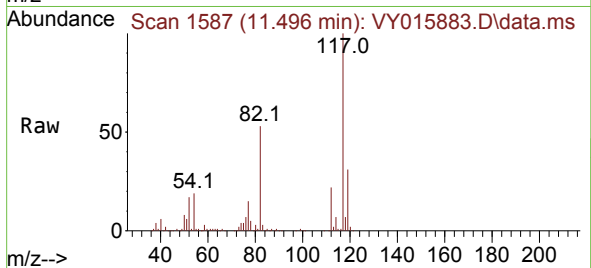
Tgt Ion:117 Resp: 321268

Ion Ratio Lower Upper

117 100

82 52.5 43.4 65.0

119 31.3 26.3 39.5



#64

Tetrachloroethene

Concen: 136.592 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Tgt Ion:164 Resp: 286381

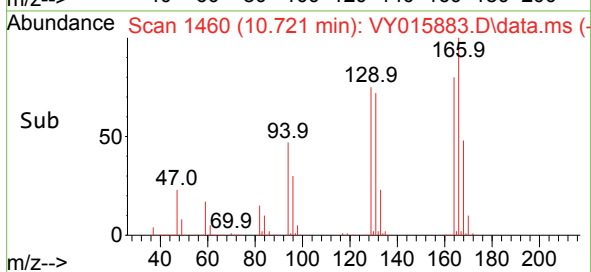
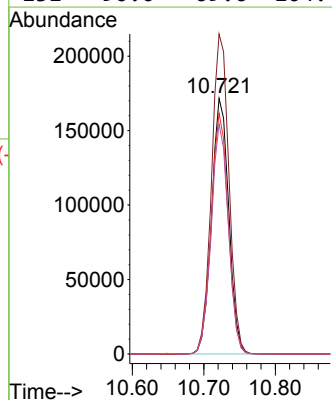
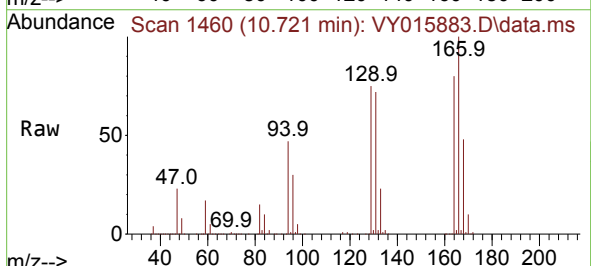
Ion Ratio Lower Upper

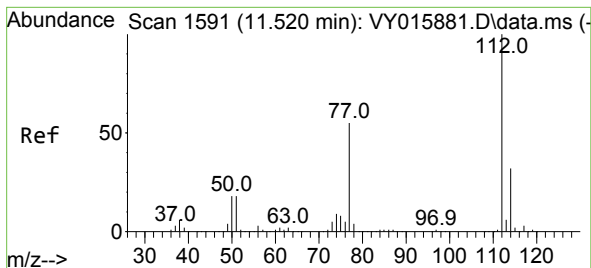
164 100

166 125.2 103.0 154.6

129 94.2 77.2 115.8

131 90.0 69.6 104.4

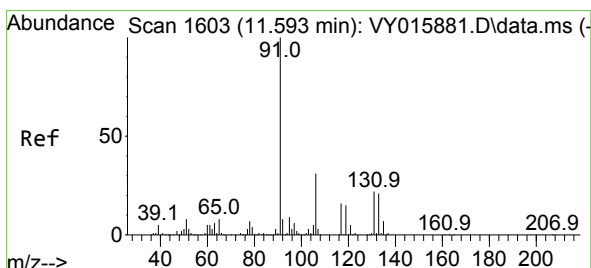
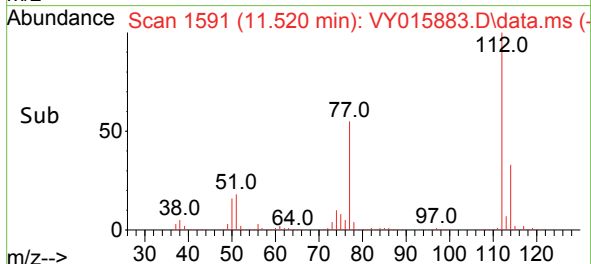
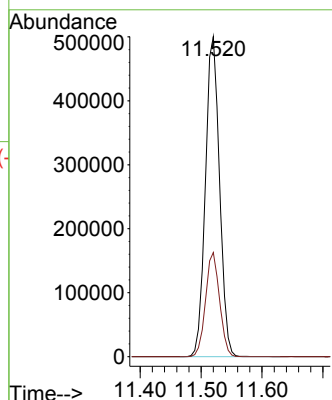
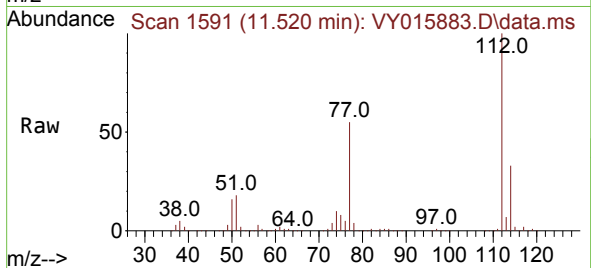




#65
Chlorobenzene
Concen: 144.192 ug/l
RT: 11.520 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

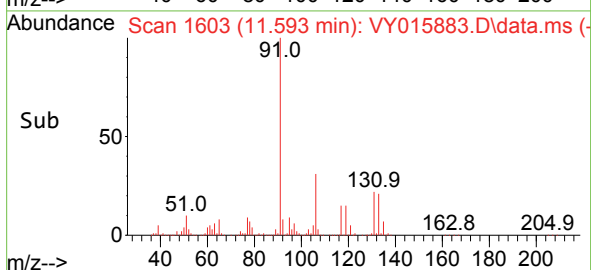
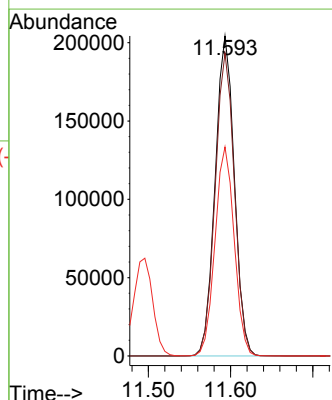
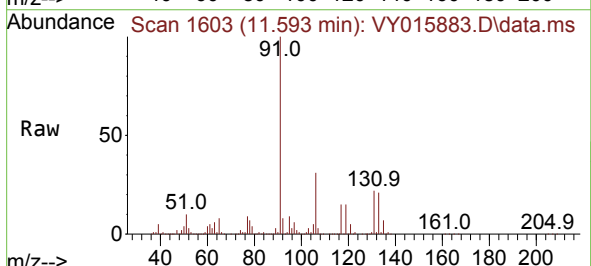
Instrument :
MSVOA_Y
ClientSampleId :

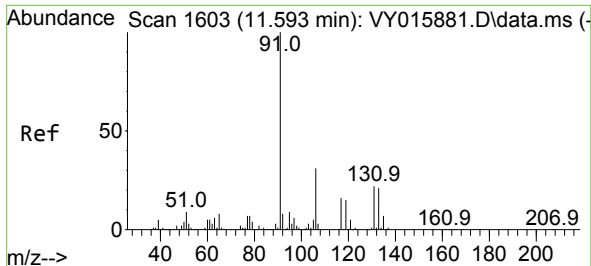
Tgt Ion:112 Resp: 808031
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 144.793 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion:131 Resp: 331639
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 65.3 31.6 94.7

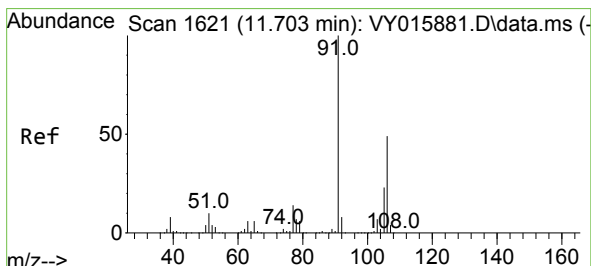
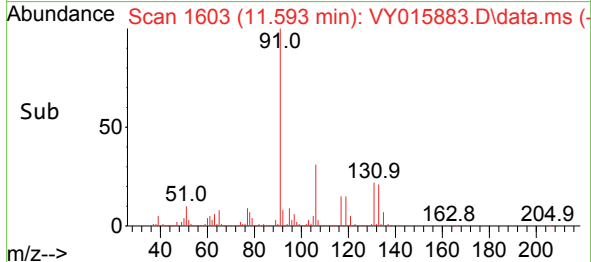
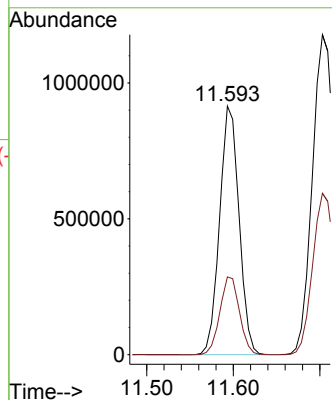
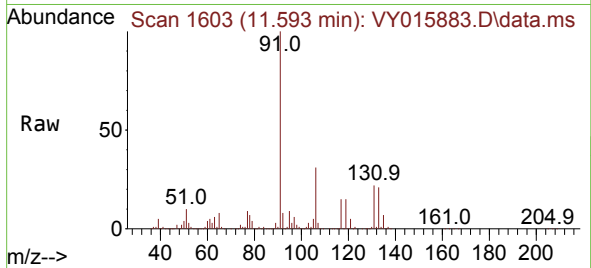




#67
Ethyl Benzene
Concen: 148.361 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

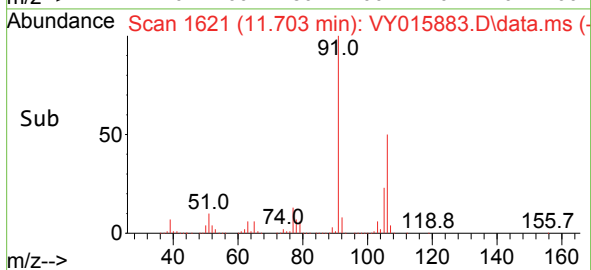
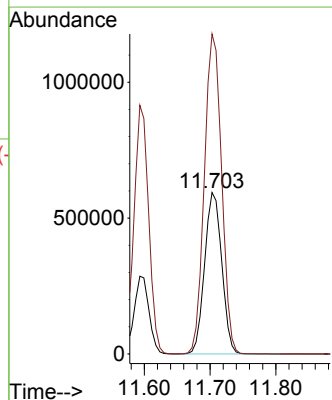
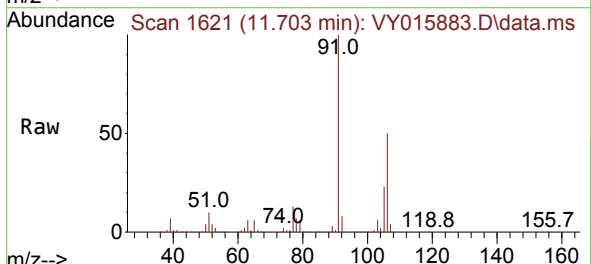
Instrument :
MSVOA_Y
ClientSampleId :

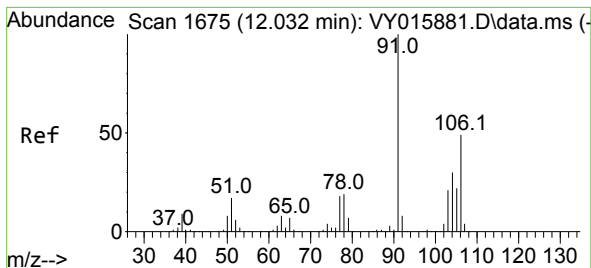
Tgt Ion: 91 Resp: 1426303
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 297.631 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion:106 Resp: 1078195
Ion Ratio Lower Upper
106 100
91 199.2 166.1 249.1

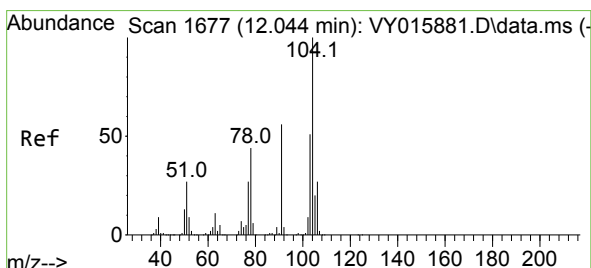
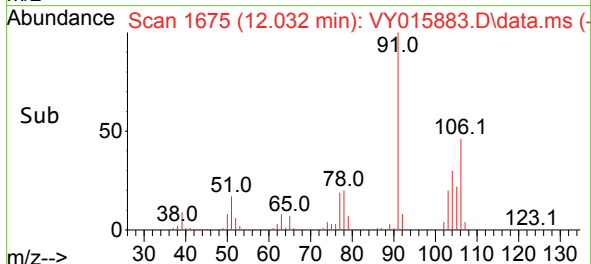
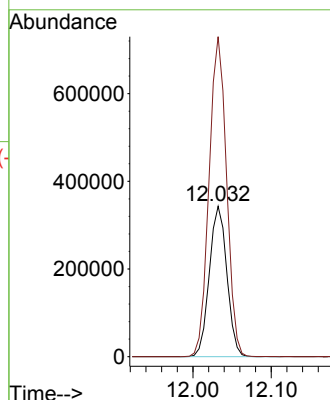
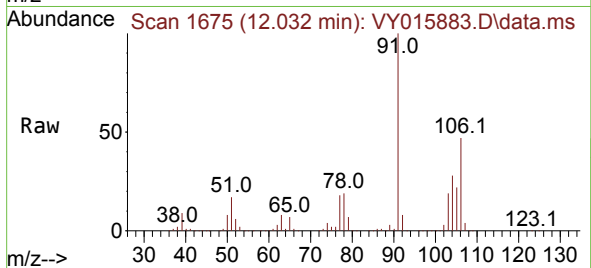




#69
o-Xylene
Concen: 146.959 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

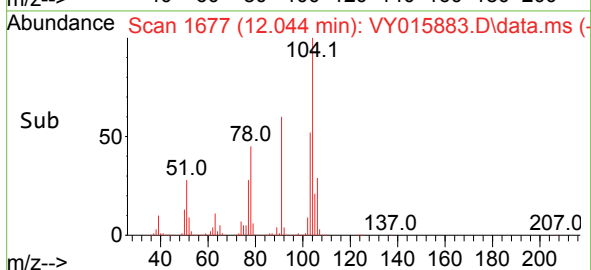
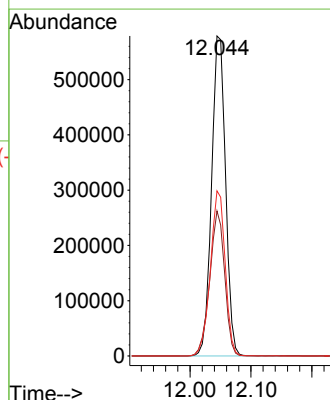
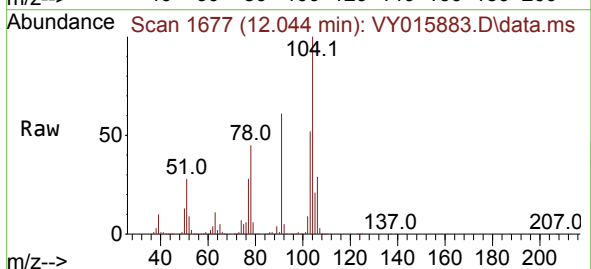
Instrument :
MSVOA_Y
ClientSampleId :

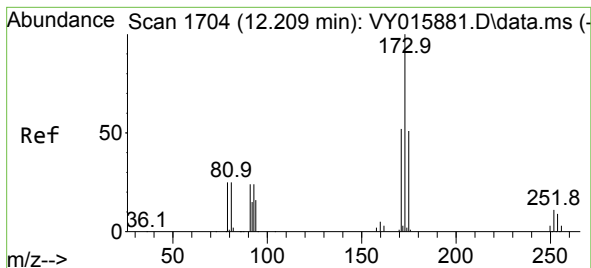
Tgt Ion:106 Resp: 532662
Ion Ratio Lower Upper
106 100
91 212.1 108.1 324.3



#70
Styrene
Concen: 145.861 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion:104 Resp: 922409
Ion Ratio Lower Upper
104 100
78 48.3 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 136.589 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

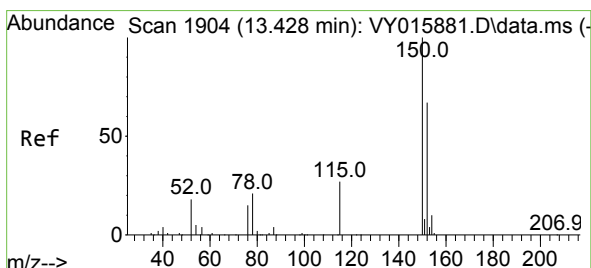
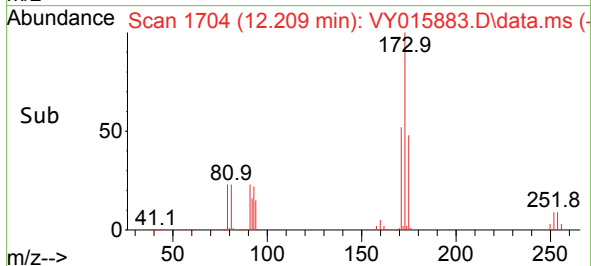
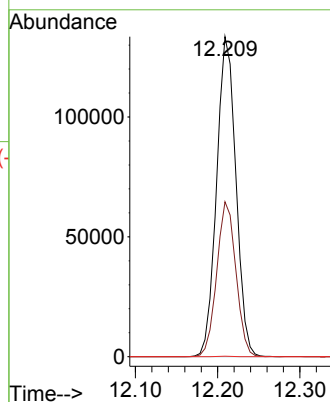
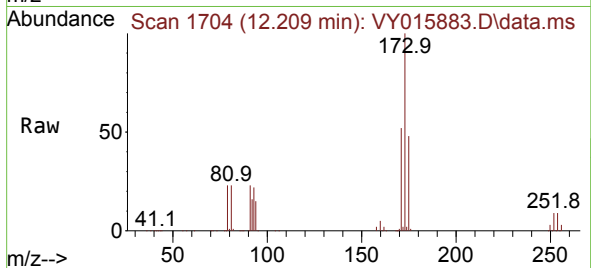
Tgt Ion:173 Resp: 217857

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

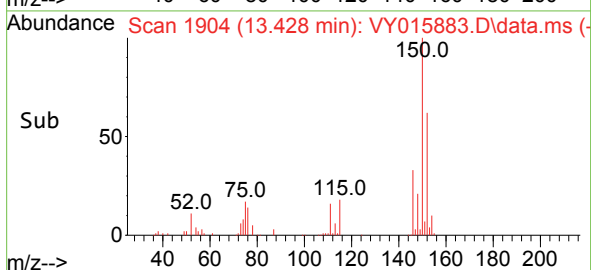
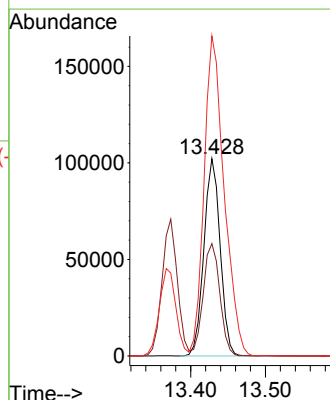
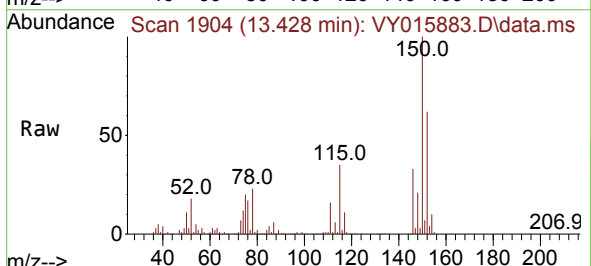
Tgt Ion:152 Resp: 154352

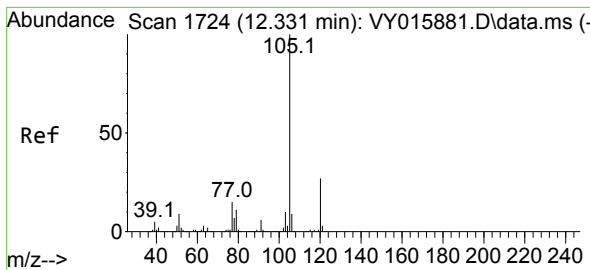
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 200.1 0.0 348.8

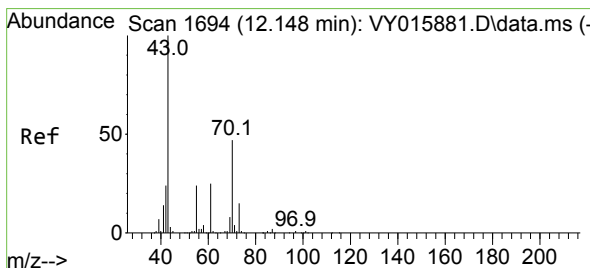
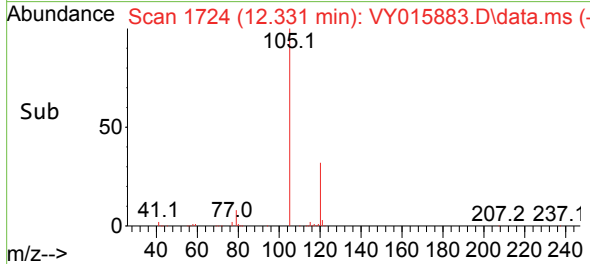
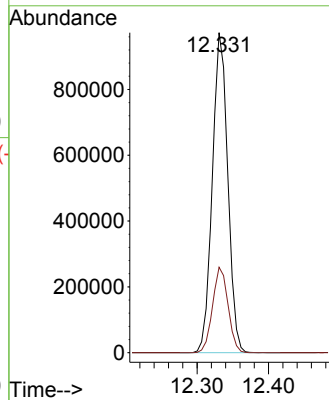
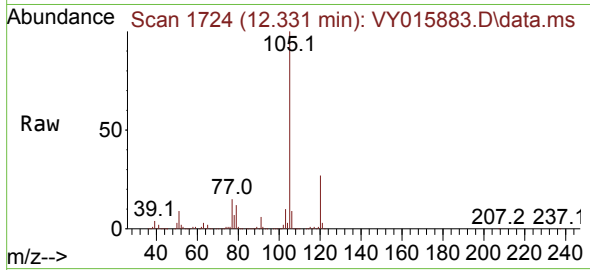




#73
Isopropylbenzene
Concen: 149.345 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

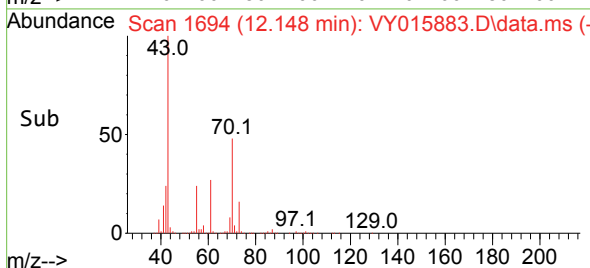
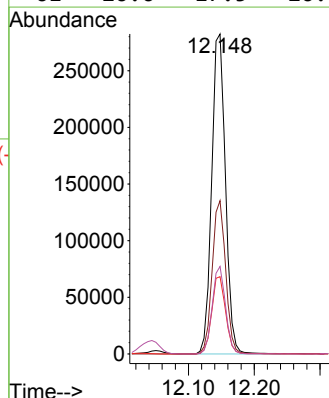
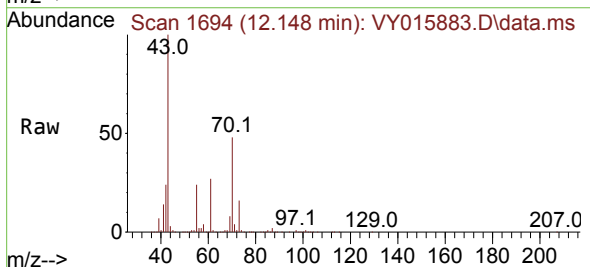
Instrument :
MSVOA_Y
ClientSampleId :

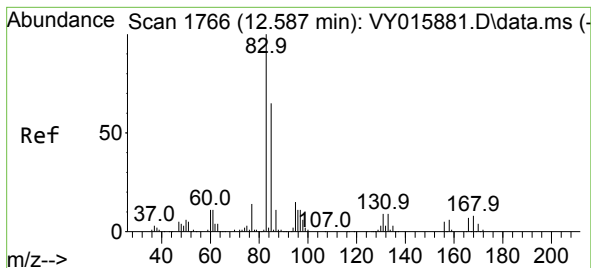
Tgt Ion:105 Resp: 1454125
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 133.879 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion: 43 Resp: 410799
Ion Ratio Lower Upper
43 100
70 47.2 29.7 44.5#
55 24.4 18.3 27.5
61 26.6 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 132.430 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

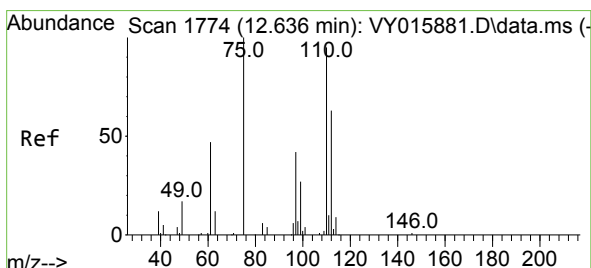
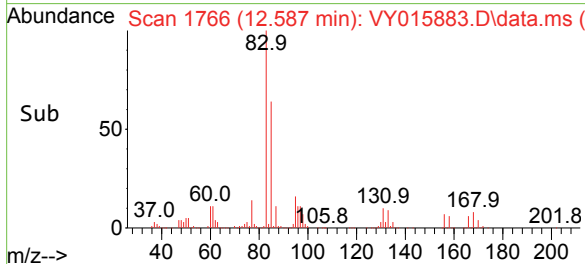
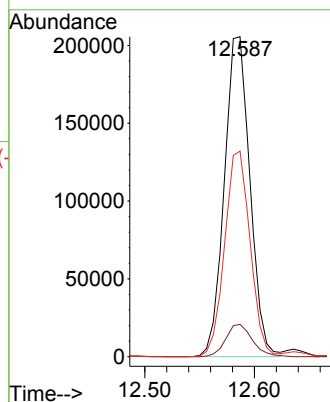
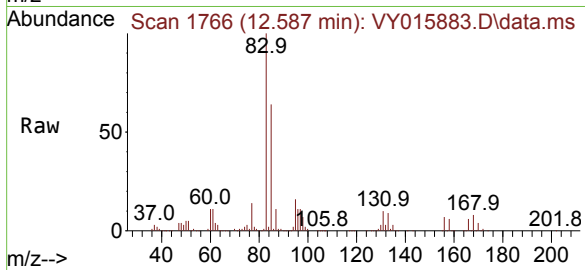
Tgt Ion: 83 Resp: 334347

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 226.635 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY015883.D

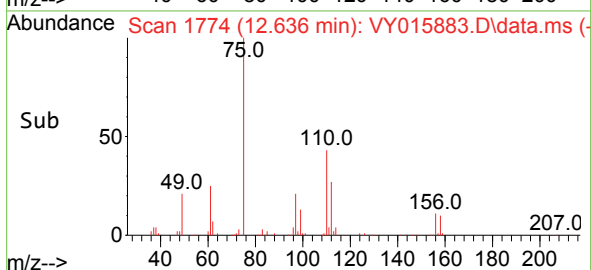
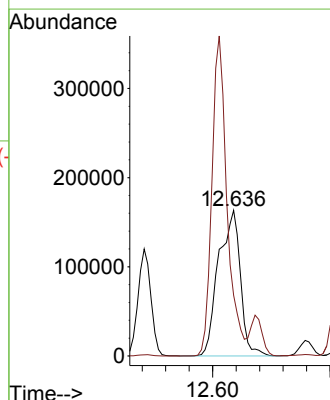
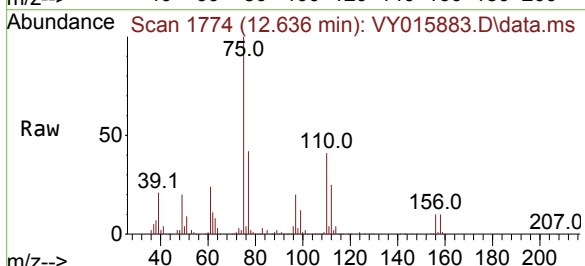
Acq: 09 Oct 2023 15:55

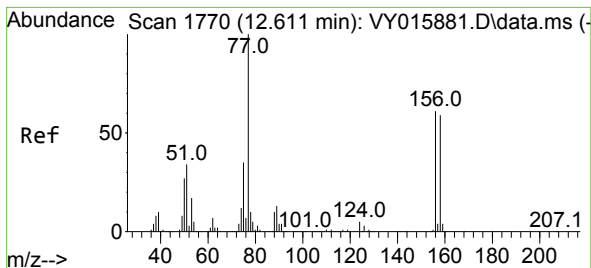
Tgt Ion: 75 Resp: 420850

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 143.654 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

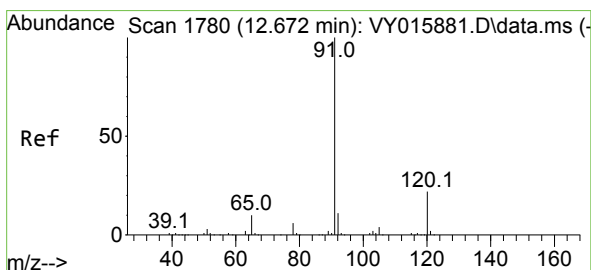
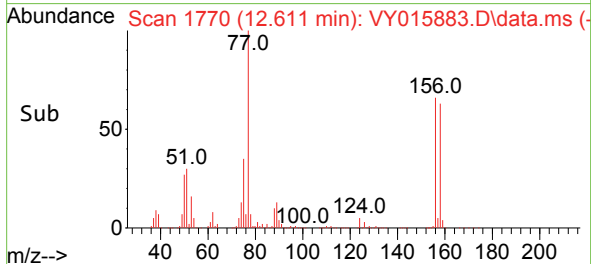
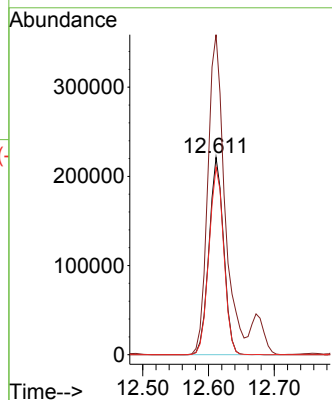
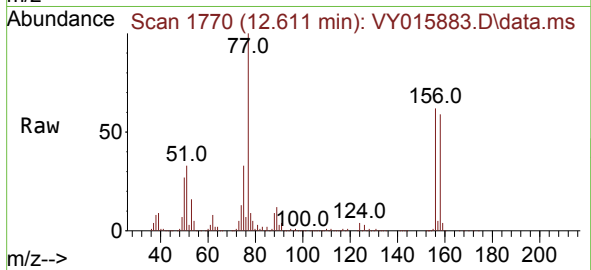
Tgt Ion:156 Resp: 342972

Ion Ratio Lower Upper

156 100

77 186.8 92.8 278.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 148.159 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015883.D

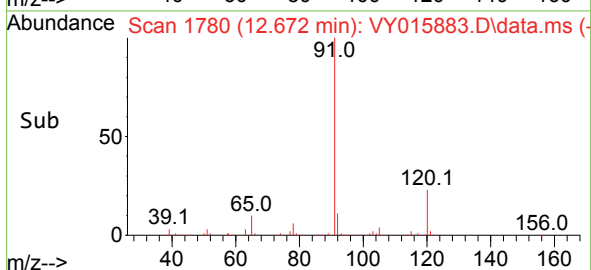
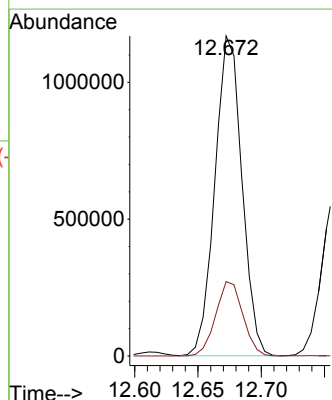
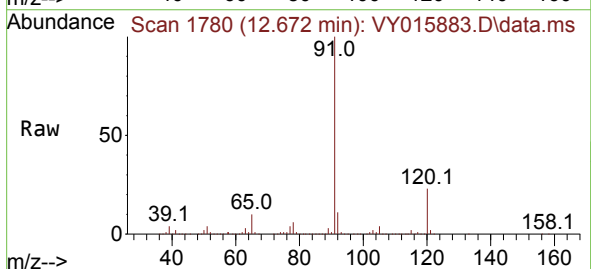
Acq: 09 Oct 2023 15:55

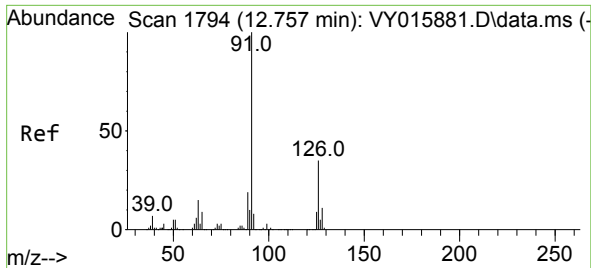
Tgt Ion: 91 Resp: 1734814

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

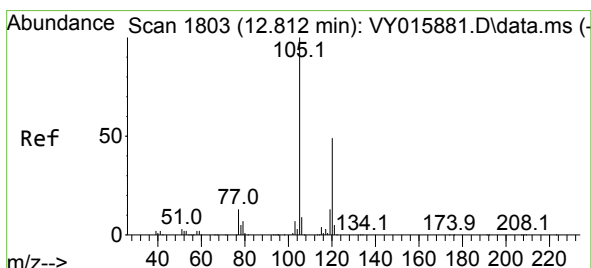
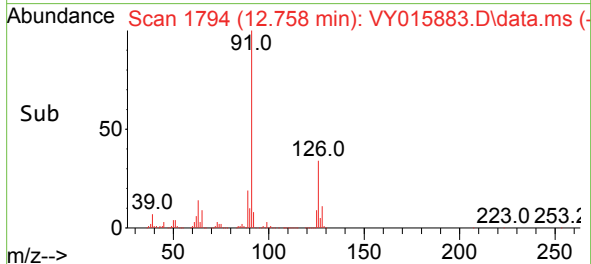
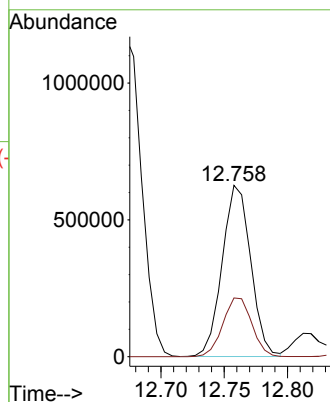
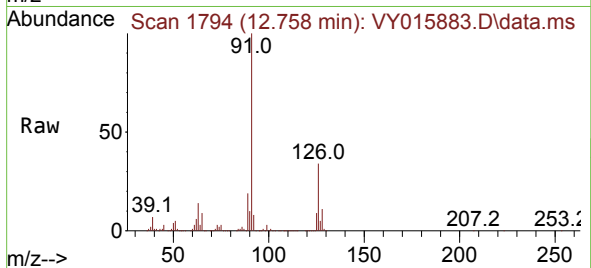




#79
2-Chlorotoluene
Concen: 147.327 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

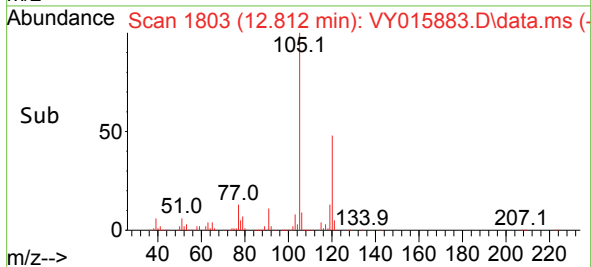
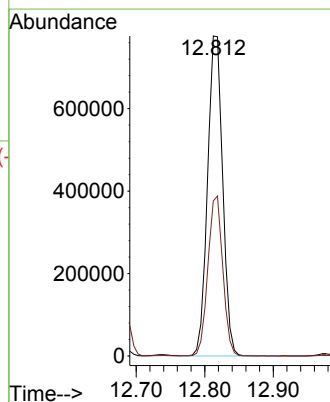
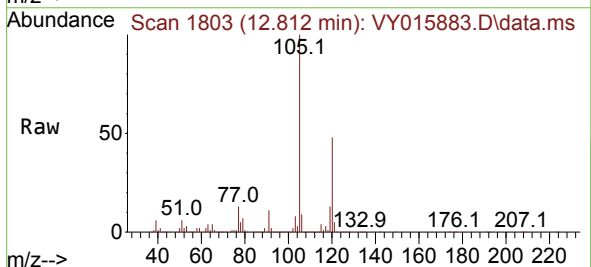
Instrument :
MSVOA_Y
ClientSampleId :

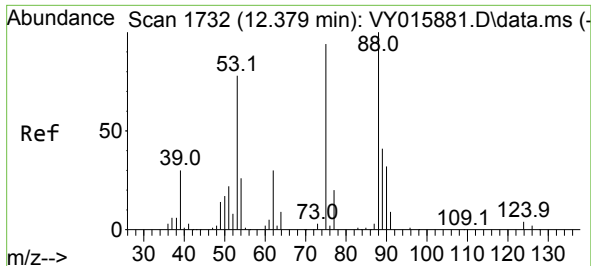
Tgt Ion: 91 Resp: 982644
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 148.591 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

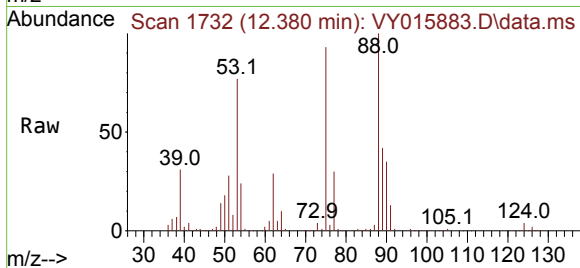
Tgt Ion:105 Resp: 1192427
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7



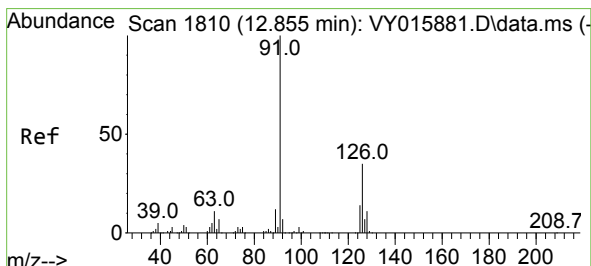
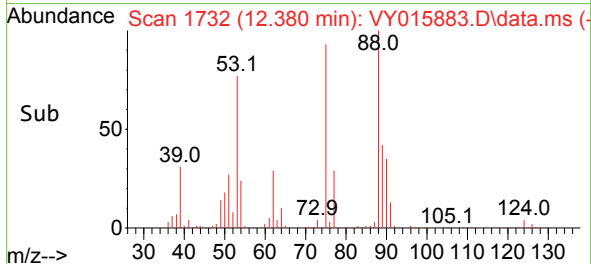
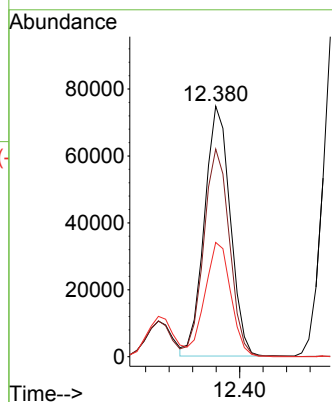


#81
trans-1,4-Dichloro-2-butene
Concen: 140.129 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Instrument :
MSVOA_Y
ClientSampleId :

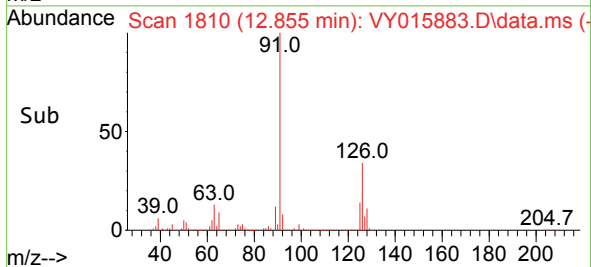
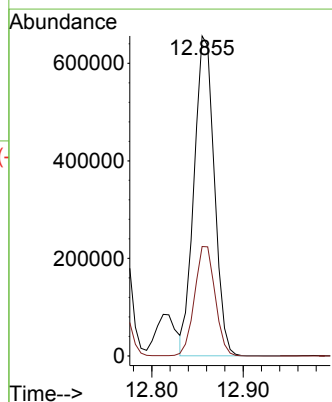
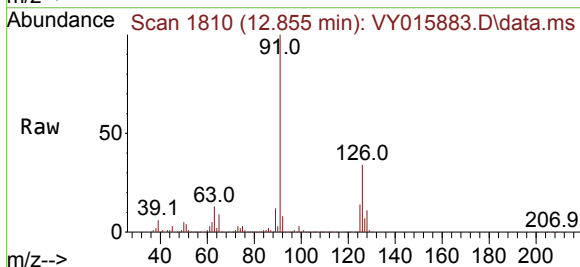


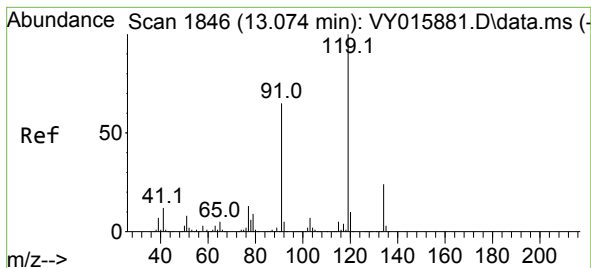
Tgt Ion: 75 Resp: 113864
Ion Ratio Lower Upper
75 100
53 83.0 77.8 116.8
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 145.000 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion: 91 Resp: 1007837
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 149.344 ug/l

RT: 13.081 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

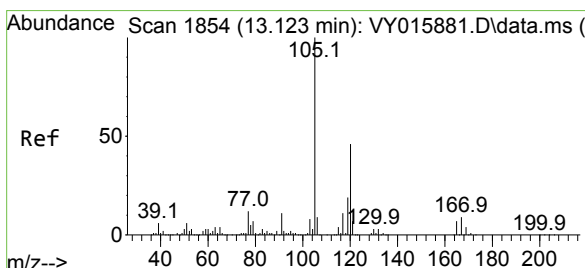
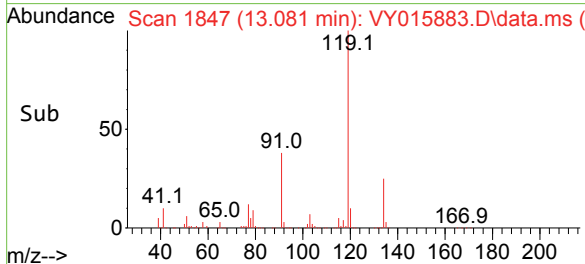
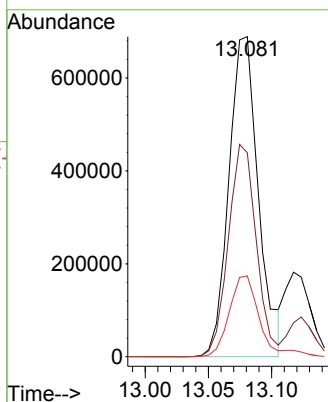
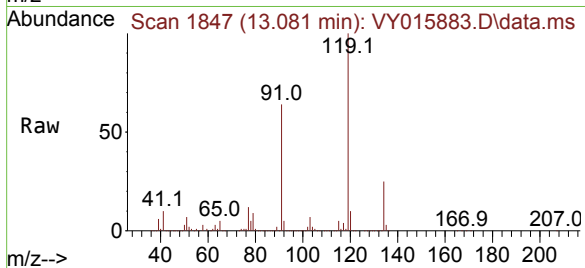
Tgt Ion:119 Resp: 1118490

Ion Ratio Lower Upper

119 100

91 63.0 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 146.230 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY015883.D

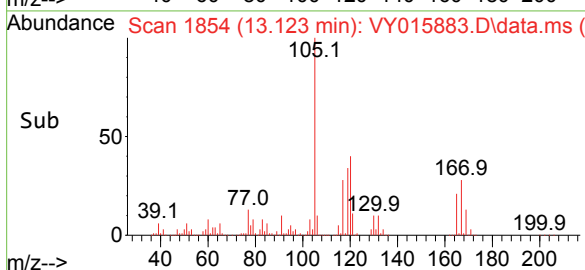
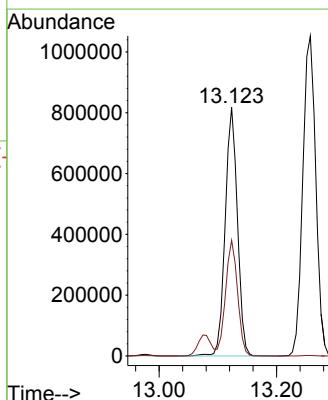
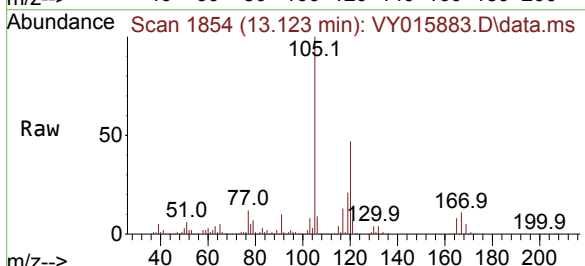
Acq: 09 Oct 2023 15:55

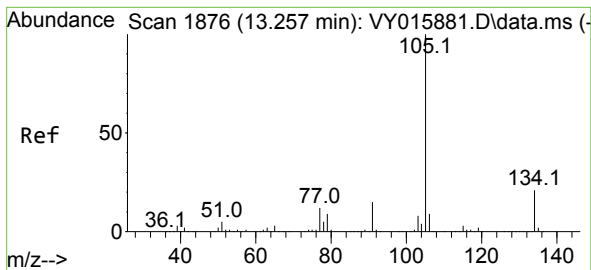
Tgt Ion:105 Resp: 1181730

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6

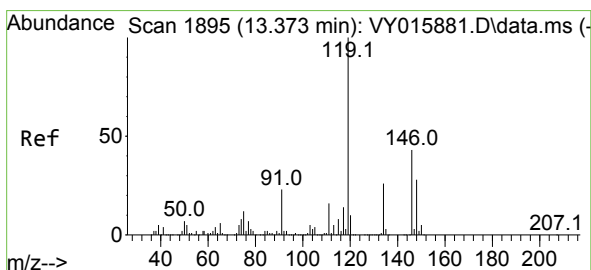
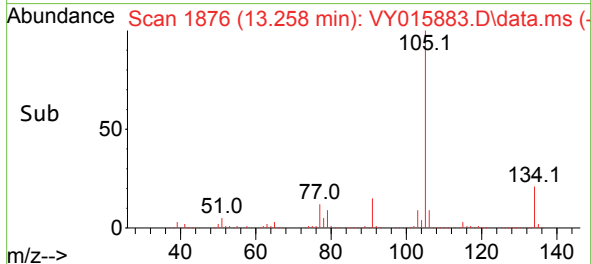
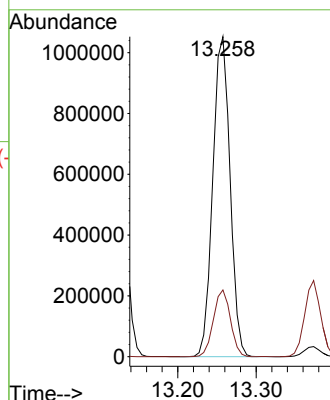
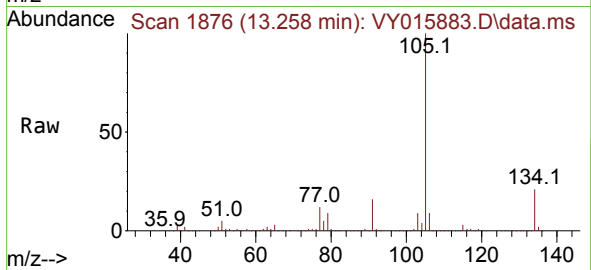




#85
 sec-Butylbenzene
 Concen: 146.513 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY015883.D
 Acq: 09 Oct 2023 15:55

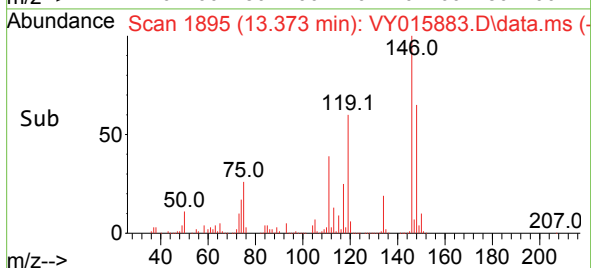
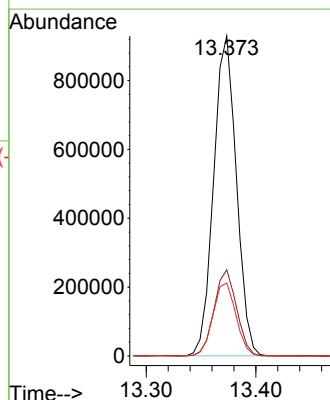
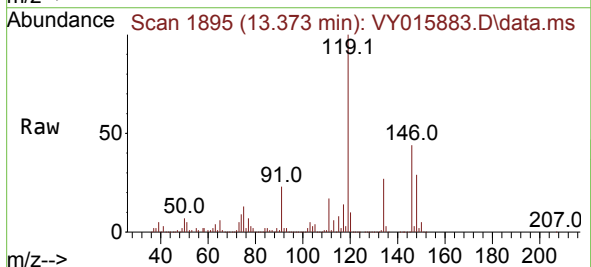
Instrument :
 MSVOA_Y
 ClientSampleId :

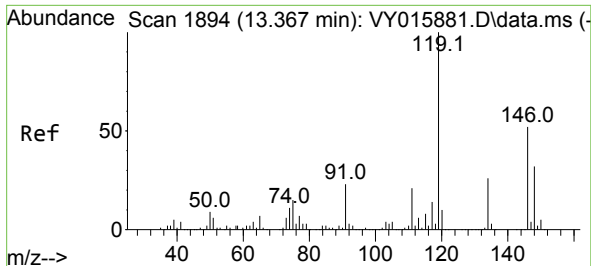
Tgt Ion:105 Resp: 1609212
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 147.461 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY015883.D
 Acq: 09 Oct 2023 15:55

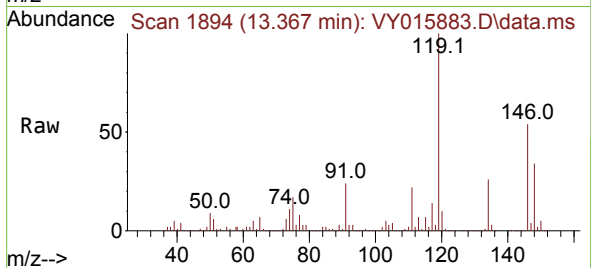
Tgt Ion:119 Resp: 1339823
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.2 12.4 37.4



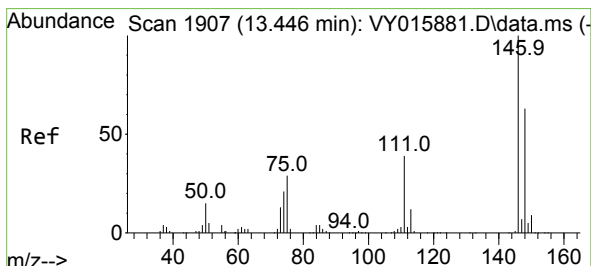
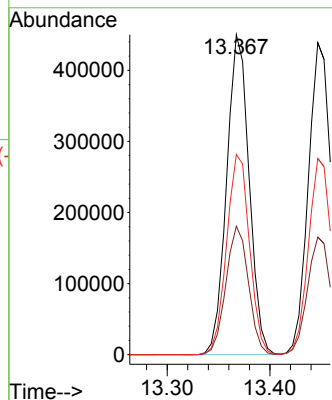
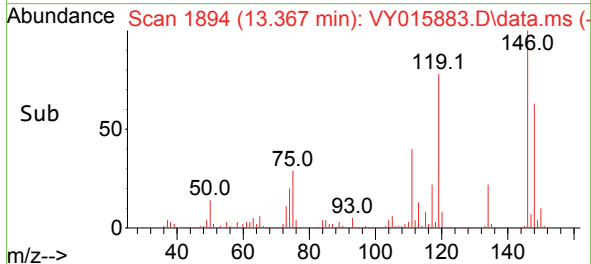


#87
 1,3-Dichlorobenzene
 Concen: 142.383 ug/l
 RT: 13.367 min Scan# 1191
 Delta R.T. 0.000 min
 Lab File: VY015883.D
 Acq: 09 Oct 2023 15:55

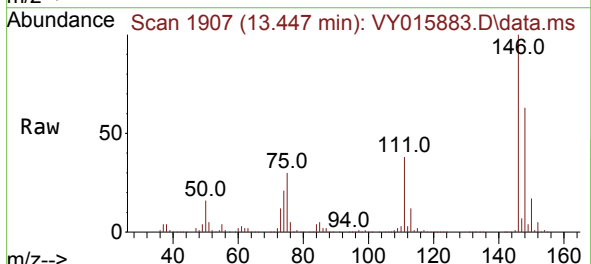
Instrument :
 MSVOA_Y
 ClientSampleId :



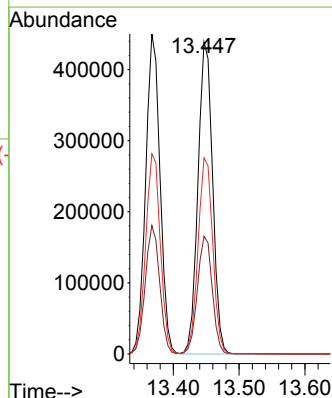
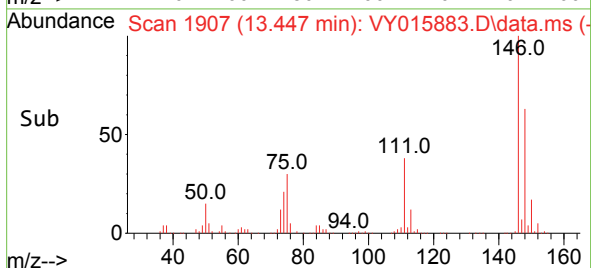
Tgt Ion:146 Resp: 684382
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.4 58.2
 148 63.8 31.9 95.5

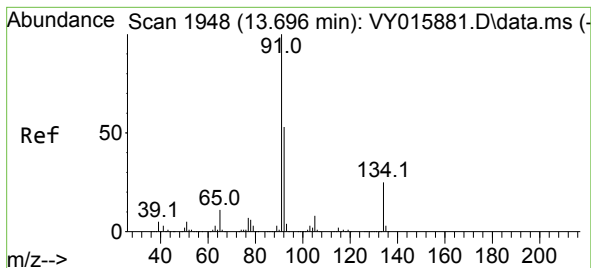


#88
 1,4-Dichlorobenzene
 Concen: 140.129 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015883.D
 Acq: 09 Oct 2023 15:55



Tgt Ion:146 Resp: 678291
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.7
 148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 146.557 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

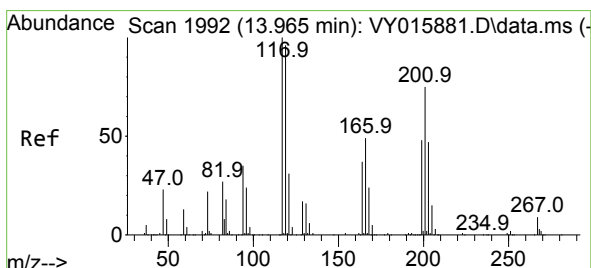
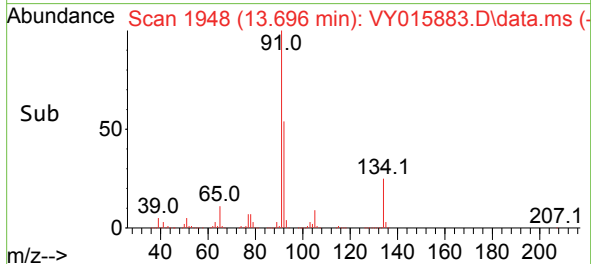
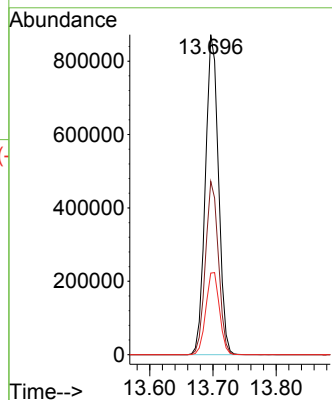
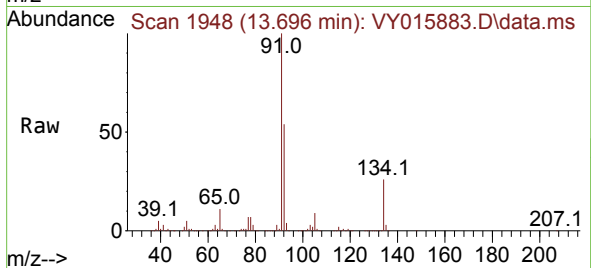
Tgt Ion: 91 Resp: 1260119

Ion Ratio Lower Upper

91 100

92 53.8 25.4 76.0

134 26.7 12.6 37.6



#90

Hexachloroethane

Concen: 149.020 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY015883.D

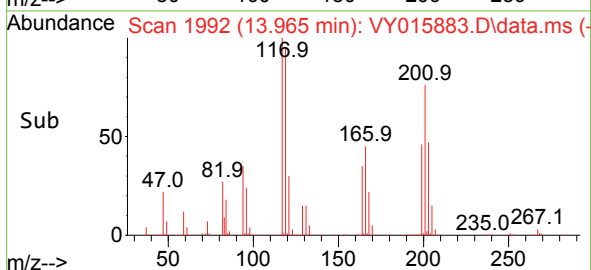
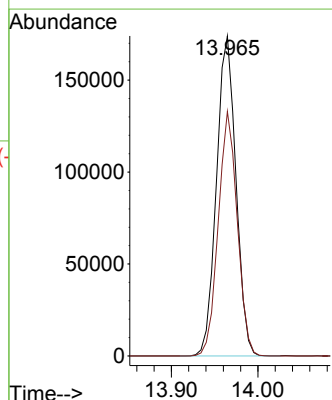
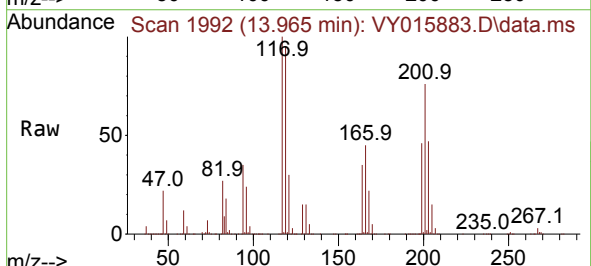
Acq: 09 Oct 2023 15:55

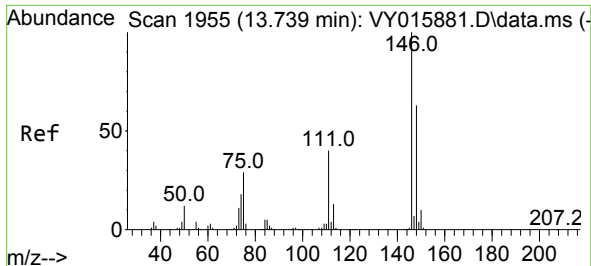
Tgt Ion: 117 Resp: 271727

Ion Ratio Lower Upper

117 100

201 74.5 41.6 124.8

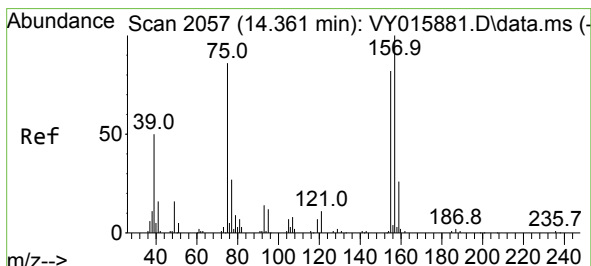
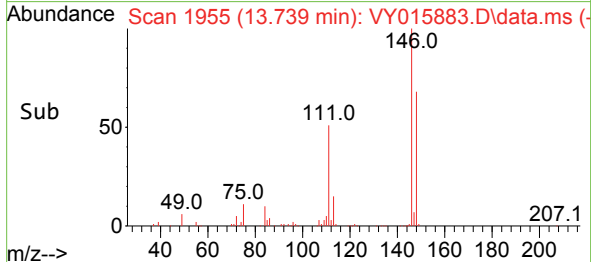
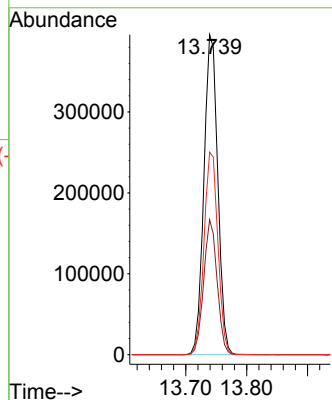
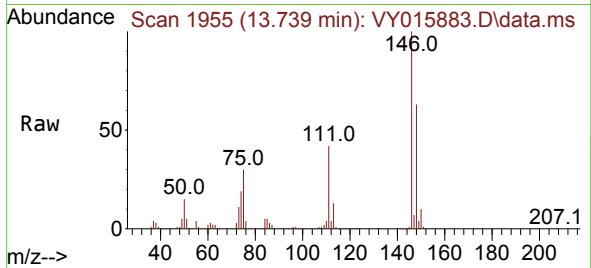




#91
1,2-Dichlorobenzene
Concen: 140.147 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

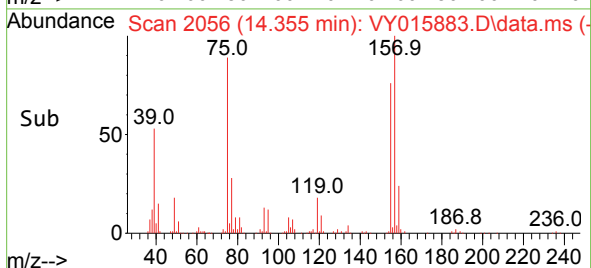
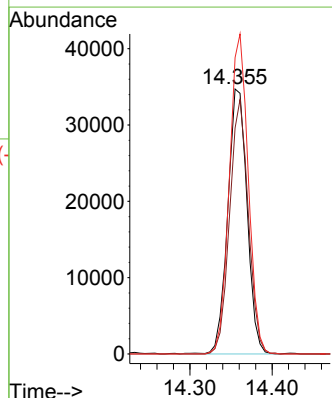
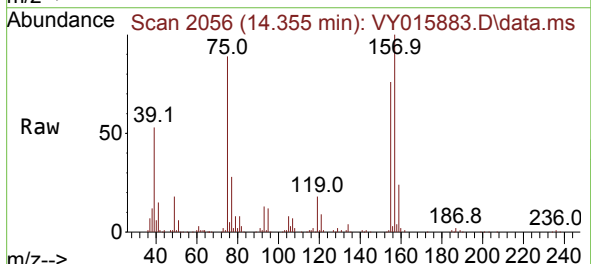
Instrument :
MSVOA_Y
ClientSampleId :

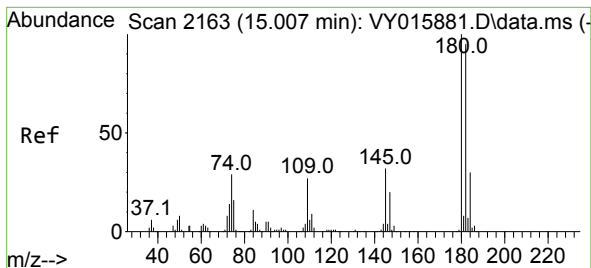
Tgt Ion:146 Resp: 626167
Ion Ratio Lower Upper
146 100
111 40.8 19.7 59.0
148 63.6 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 127.593 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY015883.D
Acq: 09 Oct 2023 15:55

Tgt Ion: 75 Resp: 56572
Ion Ratio Lower Upper
75 100
155 92.7 41.5 124.6
157 118.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 145.684 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

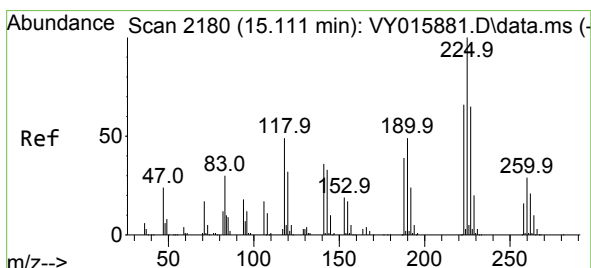
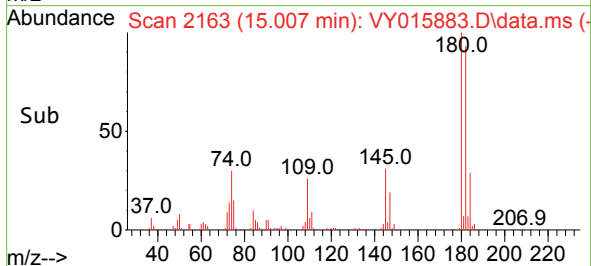
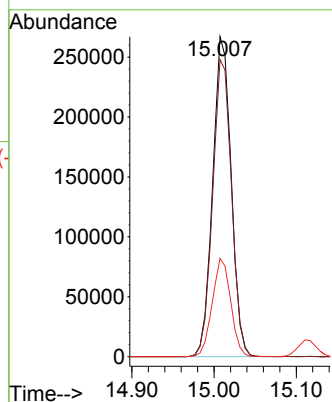
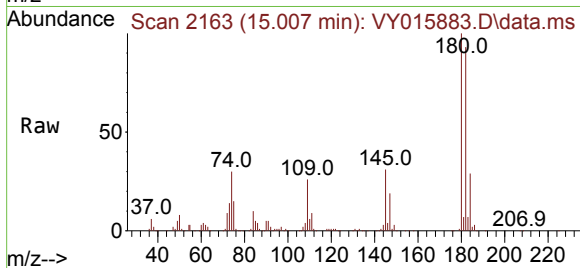
Tgt Ion:180 Resp: 417160

Ion Ratio Lower Upper

180 100

182 94.4 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 144.619 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

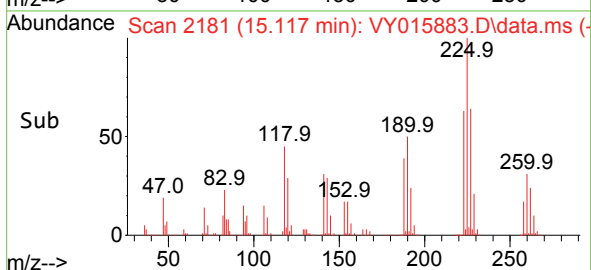
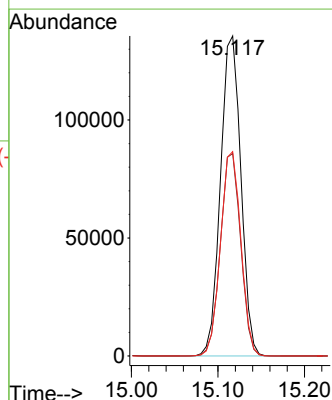
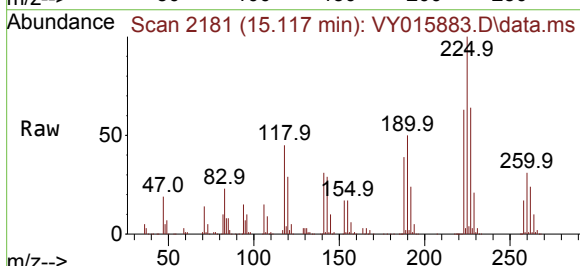
Tgt Ion:225 Resp: 221750

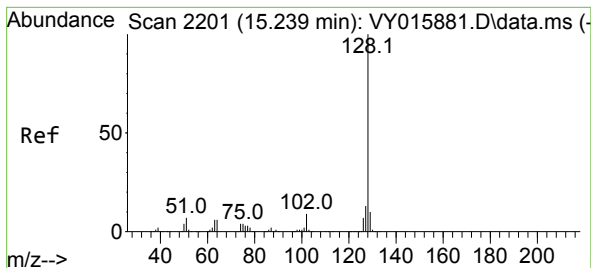
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.9

227 63.8 33.0 98.9





#95

Naphthalene

Concen: 141.217 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Instrument :

MSVOA_Y

ClientSampleId :

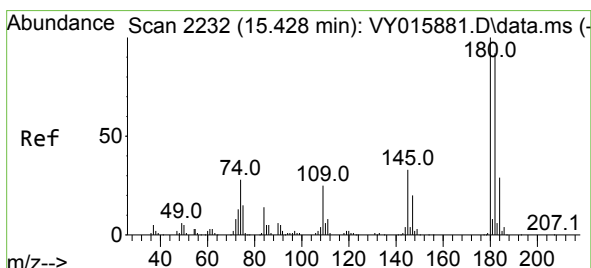
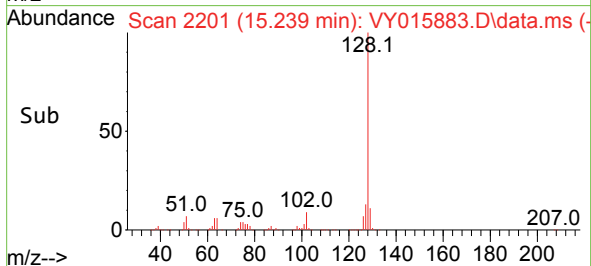
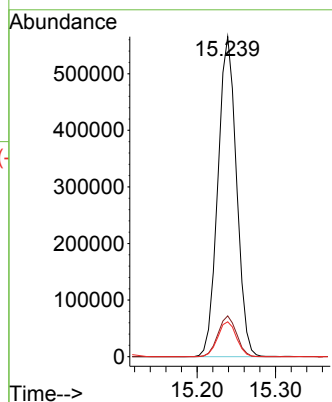
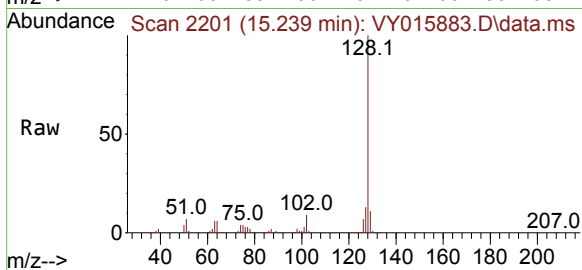
Tgt Ion:128 Resp: 935460

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 145.375 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015883.D

Acq: 09 Oct 2023 15:55

Tgt Ion:180 Resp: 370293

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.6 15.4 46.2

