

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092023\
 Data File : VY015664.D
 Acq On : 20 Sep 2023 17:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 03:44:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	132784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	228339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	210632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76140	52.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.716	113	72477	53.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.060%	
50) Toluene-d8	10.179	98	229305	49.484	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.960%	
62) 4-Bromofluorobenzene	12.483	95	92993	51.137	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.280%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	50402	57.585	ug/l	99
3) Chloromethane	2.107	50	64628	58.529	ug/l	99
4) Vinyl Chloride	2.247	62	74803	59.249	ug/l	98
5) Bromomethane	2.637	94	59993	56.953	ug/l	98
6) Chloroethane	2.784	64	55313	59.109	ug/l	93
7) Trichlorofluoromethane	3.113	101	121557	57.411	ug/l	100
8) Diethyl Ether	3.527	74	53773	59.554	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	76206	57.483	ug/l	94
10) Methyl Iodide	4.088	142	75782	48.687	ug/l	98
11) Tert butyl alcohol	4.966	59	96385	320.456	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	67762	58.006	ug/l	95
13) Acrolein	3.723	56	60000	268.158	ug/l	99
14) Allyl chloride	4.472	41	126136	59.056	ug/l	93
15) Acrylonitrile	5.155	53	203936	307.888	ug/l	98
16) Acetone	3.948	43	207481	265.369	ug/l	93
17) Carbon Disulfide	4.186	76	134261	59.161	ug/l	100
18) Methyl Acetate	4.472	43	165872	63.230	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	283759	59.640	ug/l	98
20) Methylene Chloride	4.704	84	100487	59.617	ug/l	94
21) trans-1,2-Dichloroethene	5.216	96	78857	59.058	ug/l	97
22) Diisopropyl ether	6.112	45	301969	58.747	ug/l	96
23) Vinyl Acetate	6.057	43	948386	298.922	ug/l	96
24) 1,1-Dichloroethane	6.009	63	161226	57.545	ug/l	97
25) 2-Butanone	6.984	43	319929	289.494	ug/l	98
26) 2,2-Dichloropropane	6.978	77	139053	54.301	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	102531	57.841	ug/l	97
28) Bromochloromethane	7.332	49	43272	56.927	ug/l	99
29) Tetrahydrofuran	7.344	42	197455	316.115	ug/l	95
30) Chloroform	7.502	83	173134	57.704	ug/l	98
31) Cyclohexane	7.783	56	109736	54.220	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	144236	58.233	ug/l	98
36) 1,1-Dichloropropene	7.917	75	113985	56.407	ug/l	99
37) Ethyl Acetate	7.076	43	121617	60.337	ug/l	97
38) Carbon Tetrachloride	7.899	117	124905	56.944	ug/l	98
39) Methylcyclohexane	9.179	83	124610	55.752	ug/l	94
40) Benzene	8.155	78	351116	56.977	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	170343	156.956	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	119974	56.846	ug/l	94
43) Isopropyl Acetate	8.270	43	206461	59.964	ug/l	99
44) Trichloroethene	8.935	130	97806	56.825	ug/l	100
45) 1,2-Dichloropropane	9.215	63	100002	58.191	ug/l	98
46) Dibromomethane	9.307	93	64445	58.625	ug/l	94
47) Bromodichloromethane	9.496	83	140467	57.327	ug/l	96
48) Methyl methacrylate	9.289	41	91884	60.799	ug/l	91
49) 1,4-Dioxane	9.301	88	28248	1300.721	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	651732	305.395	ug/l	94
52) Toluene	10.240	92	224625	56.540	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	151946	57.827	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	162390	57.414	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	95265	59.135	ug/l	99
56) Ethyl methacrylate	10.508	69	143669	60.516	ug/l	89
57) 1,3-Dichloropropane	10.788	76	157223	58.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	221938	294.306	ug/l	97
59) 2-Hexanone	10.831	43	492486	300.796	ug/l	91
60) Dibromochloromethane	10.983	129	109305	58.124	ug/l	99
61) 1,2-Dibromoethane	11.087	107	91323	57.946	ug/l	100
64) Tetrachloroethene	10.715	164	105692	58.485	ug/l	99
65) Chlorobenzene	11.514	112	257125	55.925	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	101795	56.999	ug/l	99
67) Ethyl Benzene	11.593	91	452220	56.273	ug/l	100
68) m/p-Xylenes	11.703	106	344963	112.938	ug/l	96
69) o-Xylene	12.026	106	169315	56.530	ug/l	99
70) Styrene	12.044	104	298461	58.216	ug/l	97
71) Bromoform	12.209	173	78012	60.279	ug/l #	98
73) Isopropylbenzene	12.331	105	450741	55.681	ug/l	100
74) N-amyl acetate	12.142	43	180256	59.245	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	129014	57.265	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	171986	99.903	ug/l #	100
77) Bromobenzene	12.611	156	110867	55.794	ug/l	93
78) n-propylbenzene	12.672	91	545651	55.484	ug/l	100
79) 2-Chlorotoluene	12.757	91	313063	55.846	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	376999	55.629	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	45079	58.967	ug/l	94
82) 4-Chlorotoluene	12.855	91	326972	55.873	ug/l	99
83) tert-Butylbenzene	13.074	119	333274	56.149	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	385330	56.827	ug/l	100
85) sec-Butylbenzene	13.251	105	492272	55.419	ug/l	100
86) p-Isopropyltoluene	13.367	119	414044	55.802	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	218688	55.475	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	219959	55.790	ug/l	99
89) n-Butylbenzene	13.696	91	387358	55.131	ug/l	98
90) Hexachloroethane	13.958	117	79631	55.608	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	203896	56.030	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26563	59.365	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	125857	54.937	ug/l	99
94) Hexachlorobutadiene	15.111	225	62779	53.511	ug/l	97
95) Naphthalene	15.233	128	351223	58.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	116982	55.323	ug/l	98

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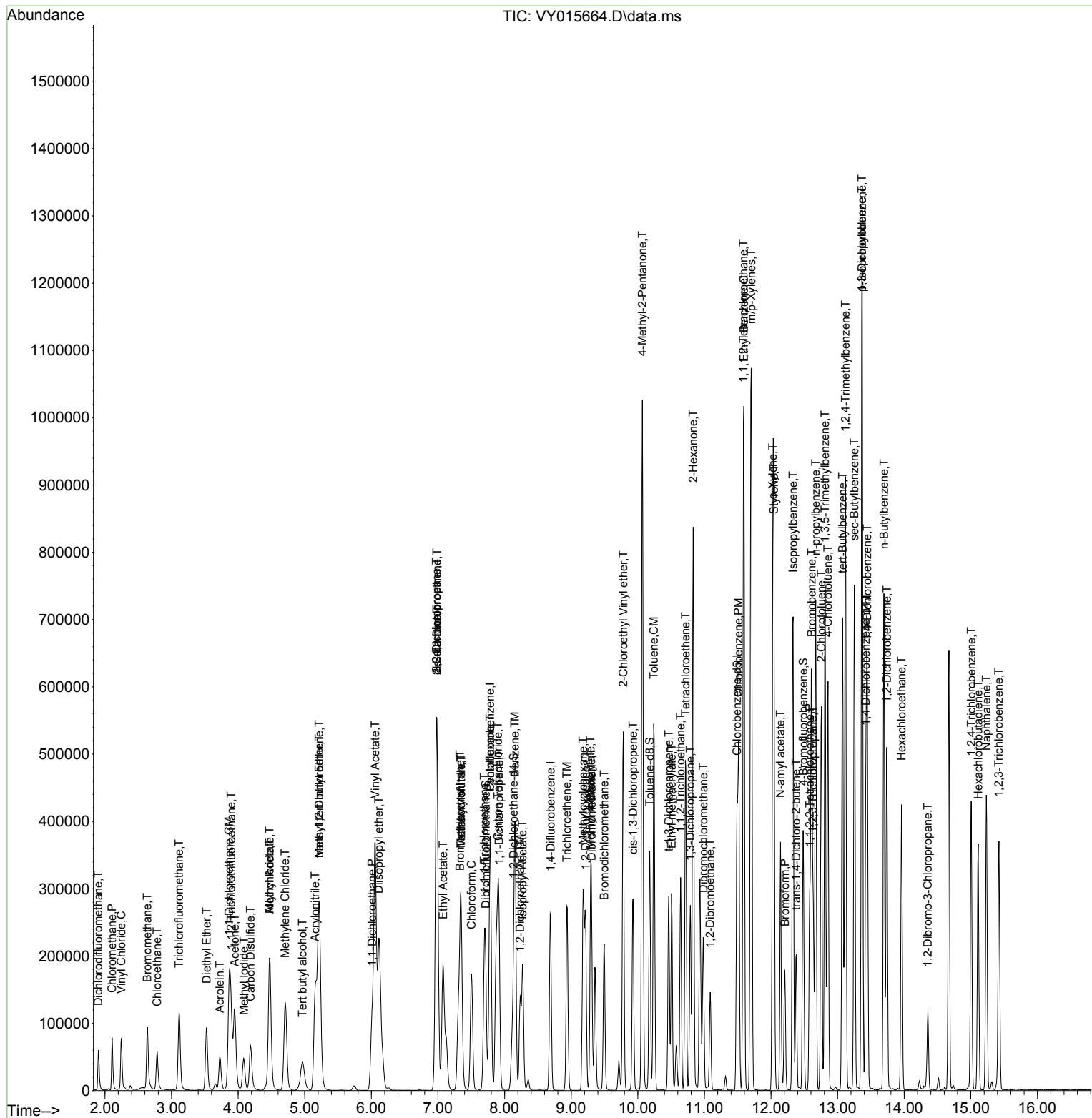
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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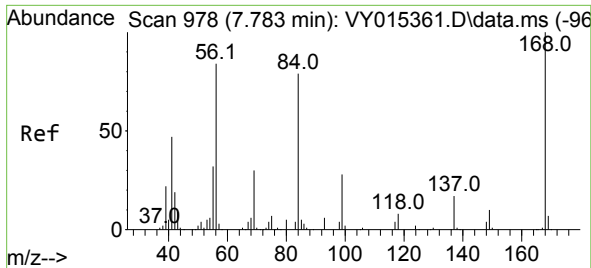
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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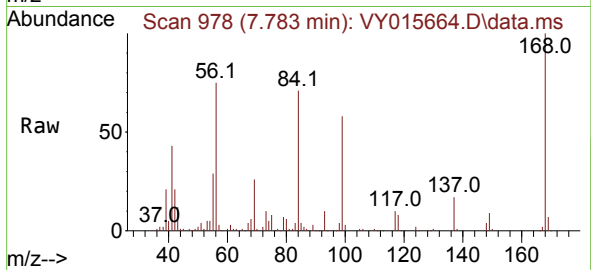
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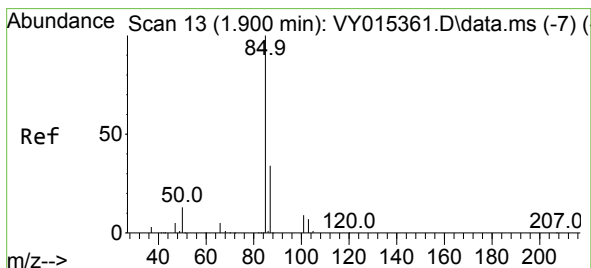
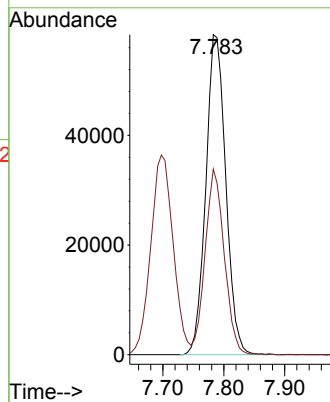
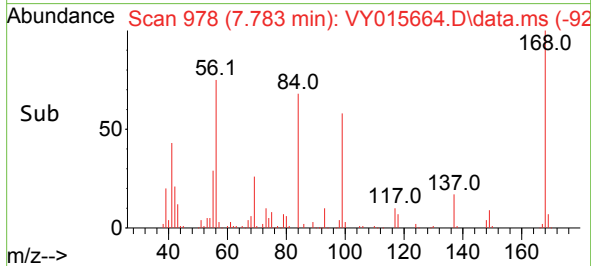


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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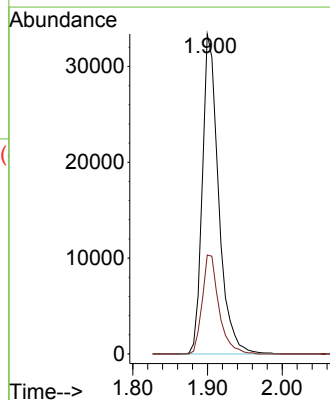
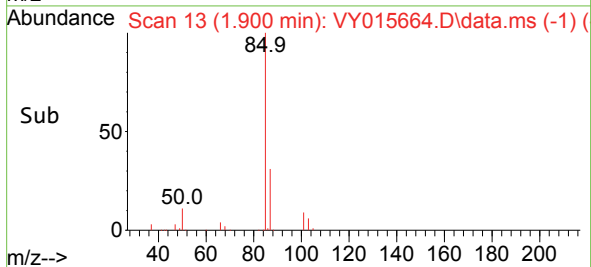
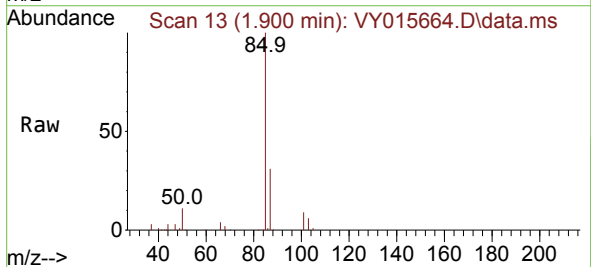


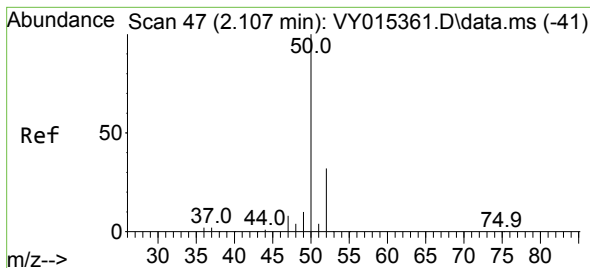
Tgt Ion:168 Resp: 132784
Ion Ratio Lower Upper
168 100
99 58.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 57.585 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 85 Resp: 50402
Ion Ratio Lower Upper
85 100
87 30.9 15.6 46.8





#3

Chloromethane

Concen: 58.529 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

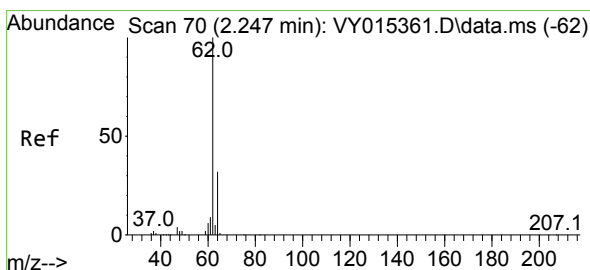
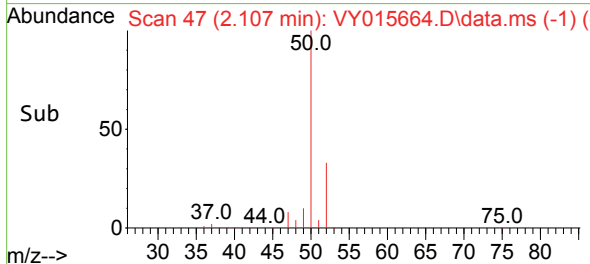
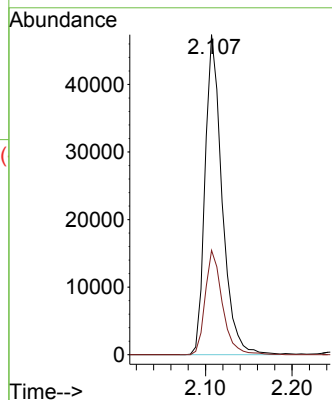
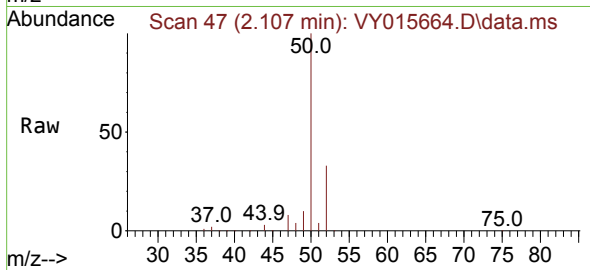
ClientSampleId :

Tgt Ion: 50 Resp: 64628

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 59.249 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015664.D

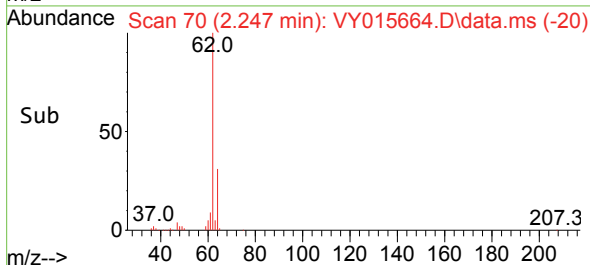
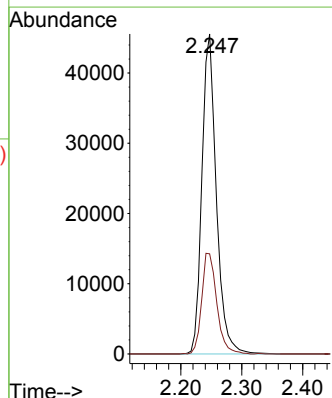
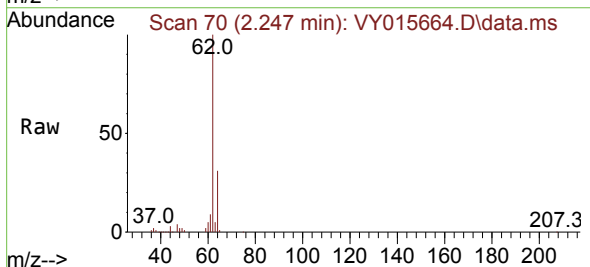
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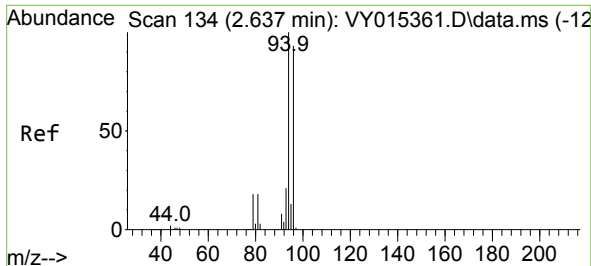
Tgt Ion: 62 Resp: 74803

Ion Ratio Lower Upper

62 100

64 31.3 24.3 36.5

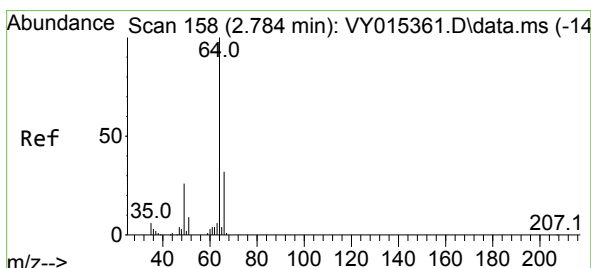
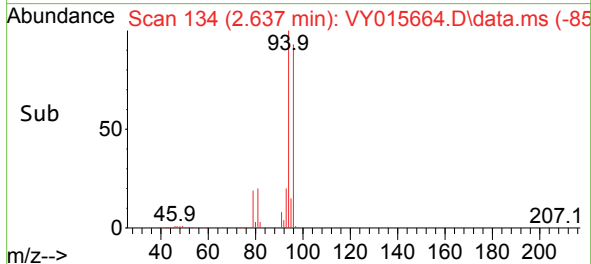
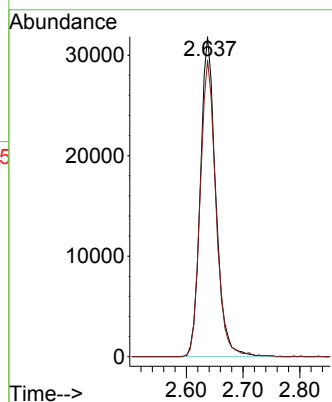
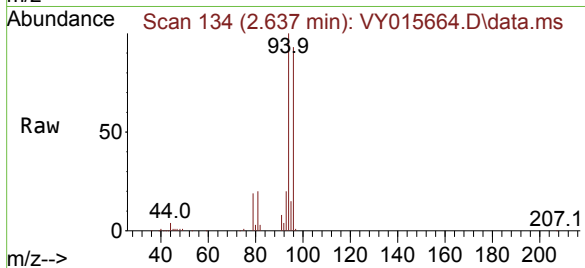




#5
Bromomethane
Concen: 56.953 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015664.D
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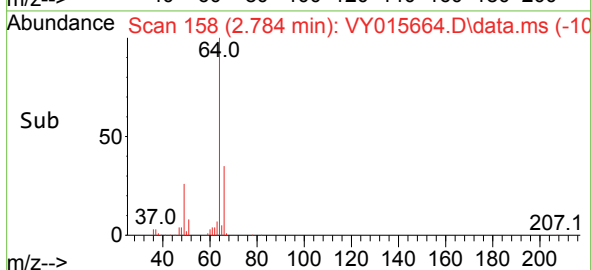
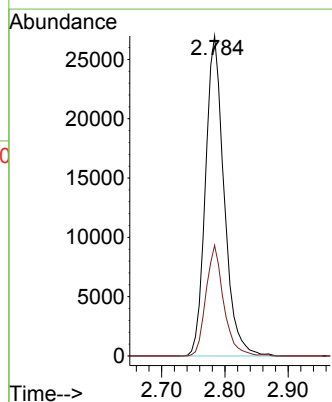
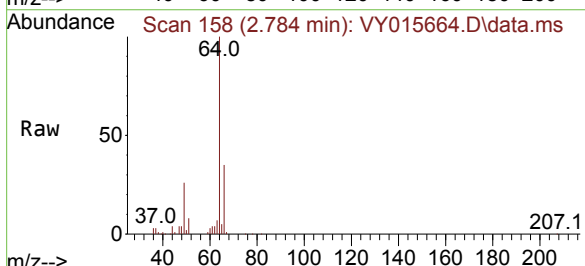
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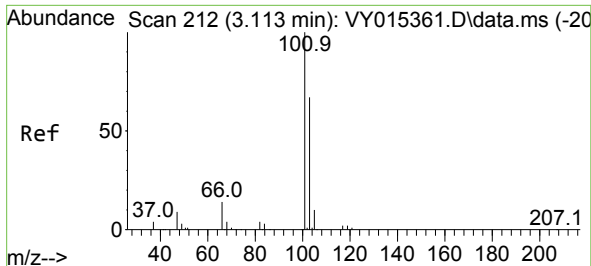
Tgt Ion: 94 Resp: 59993
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.6



#6
Chloroethane
Concen: 59.109 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015664.D
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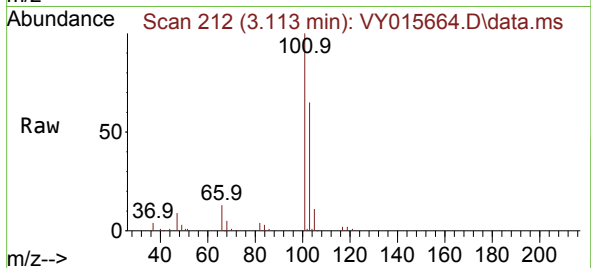
Tgt Ion: 64 Resp: 55313
Ion Ratio Lower Upper
64 100
66 34.5 24.4 36.6



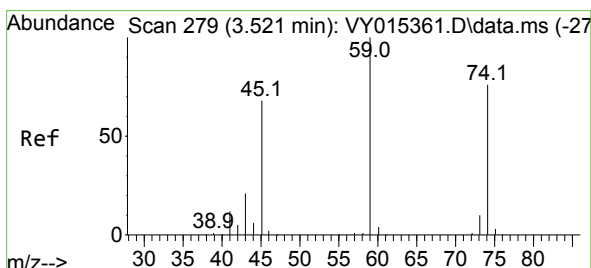
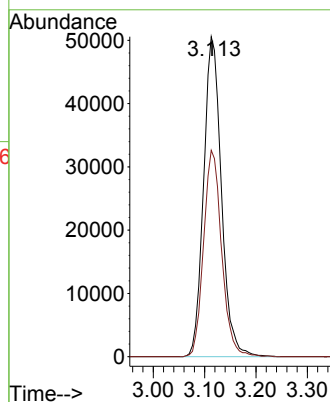
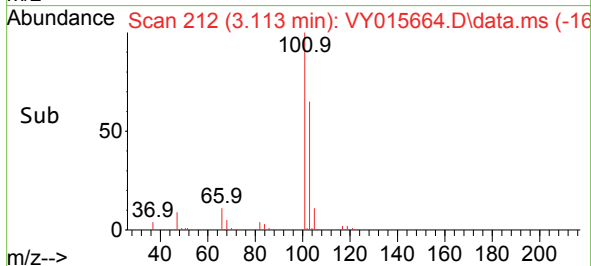


#7
 Trichlorofluoromethane
 Concen: 57.411 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY015664.D
 Acq: 20 Sep 2023 17:16

Instrument :
 MSVOA_Y
 ClientSampleId :

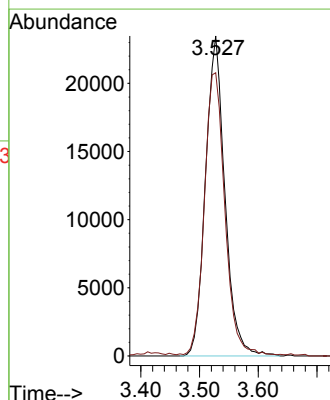
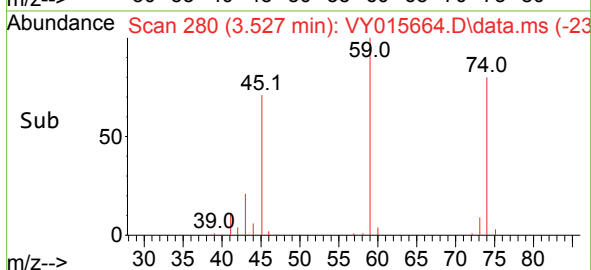
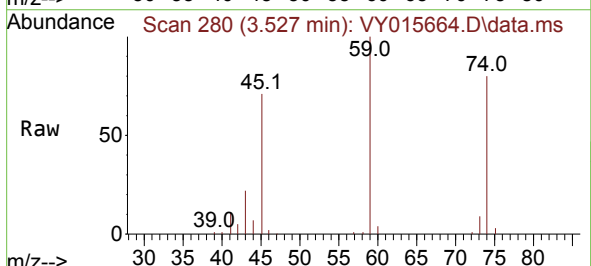


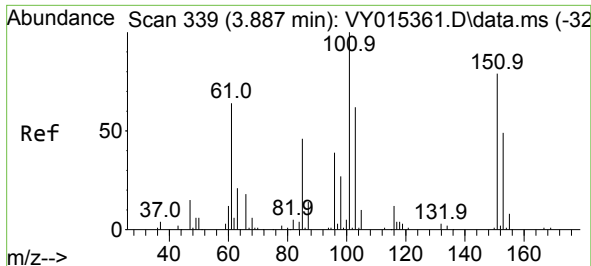
Tgt Ion:101 Resp: 121557
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 59.554 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.006 min
 Lab File: VY015664.D
 Acq: 20 Sep 2023 17:16

Tgt Ion: 74 Resp: 53773
 Ion Ratio Lower Upper
 74 100
 45 92.6 51.5 154.5

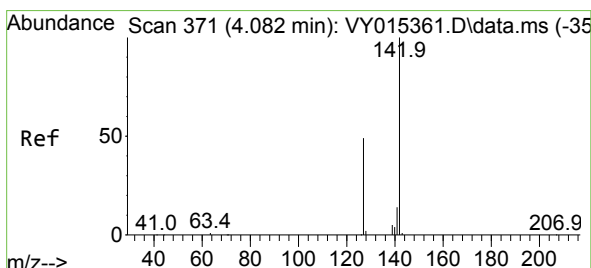
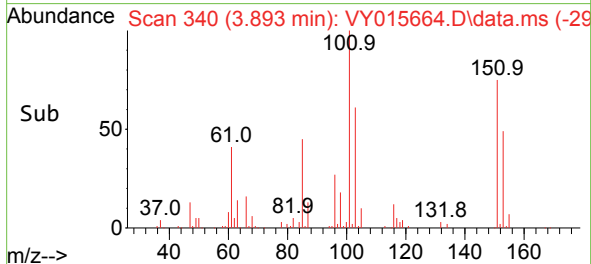
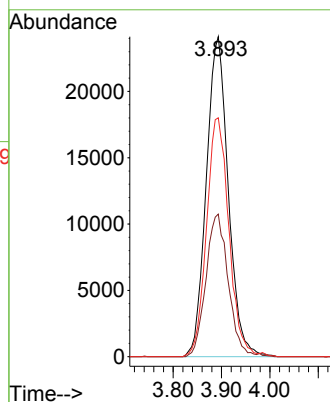
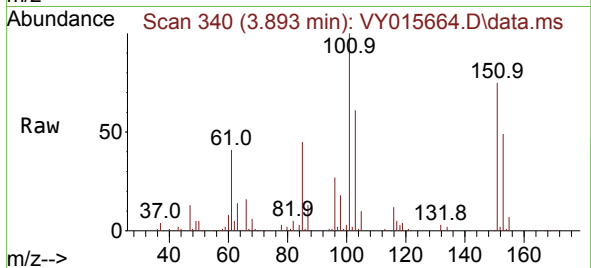




#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.483 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

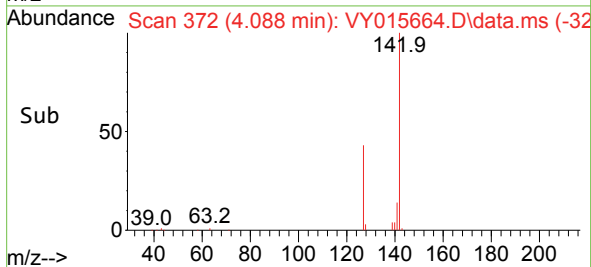
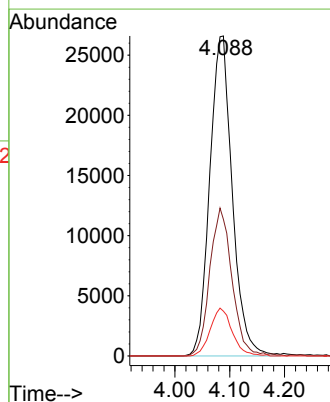
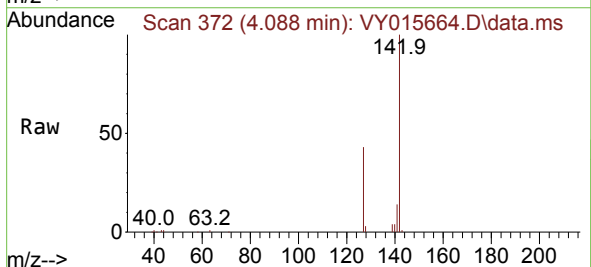
Instrument :
MSVOA_Y
ClientSampleId :

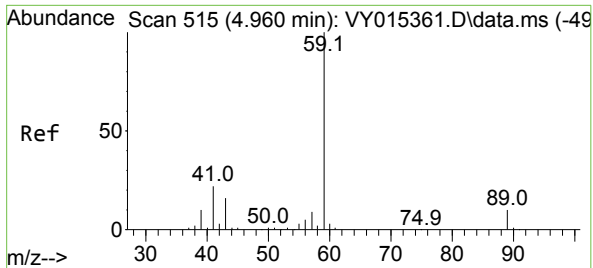
Tgt Ion:101 Resp: 76206
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 76.0 67.0 100.6



#10
Methyl Iodide
Concen: 48.687 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion:142 Resp: 75782
Ion Ratio Lower Upper
142 100
127 45.7 37.6 56.4
141 14.6 11.8 17.8

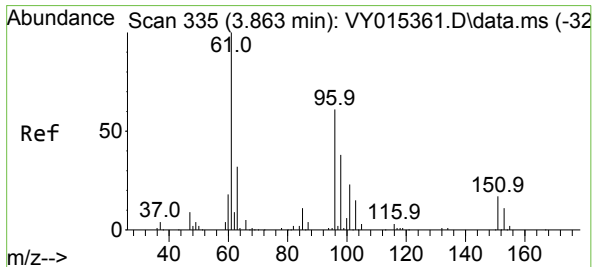
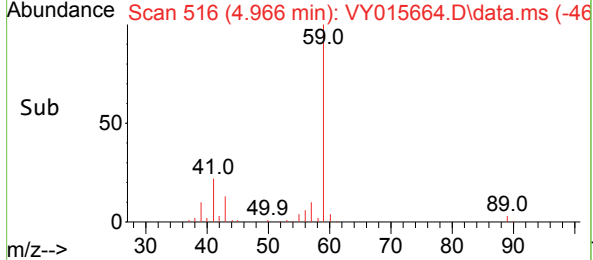
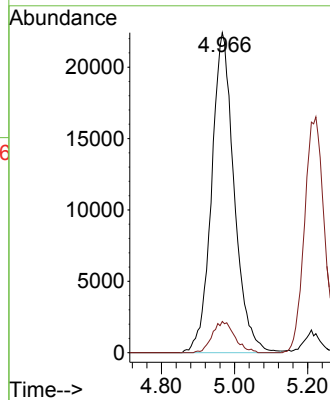
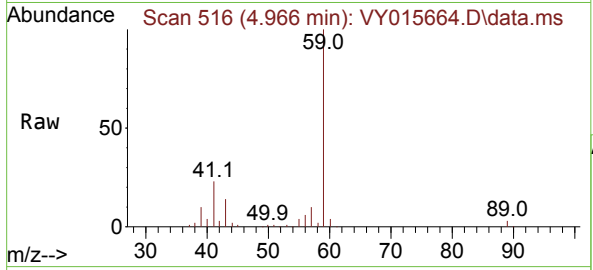




#11
Tert butyl alcohol
Concen: 320.456 ug/l
RT: 4.966 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

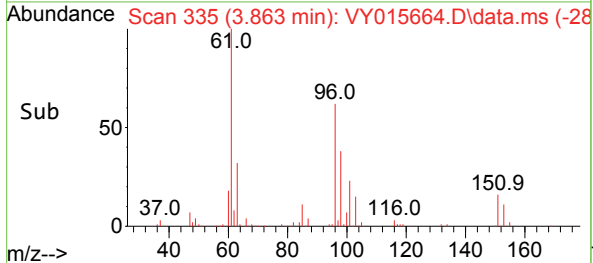
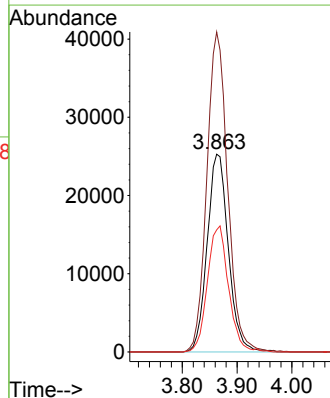
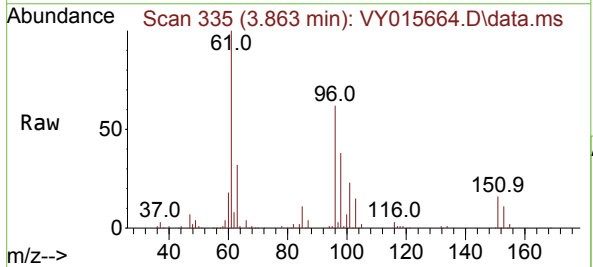
Instrument :
MSVOA_Y
ClientSampleId :

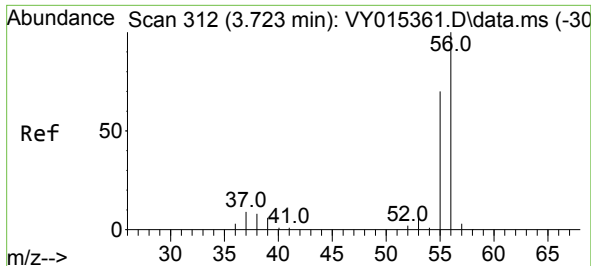
Tgt Ion: 59 Resp: 96385
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 58.006 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 96 Resp: 67762
Ion Ratio Lower Upper
96 100
61 161.8 136.4 204.6
98 61.7 49.4 74.2





#13

Acrolein

Concen: 268.158 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

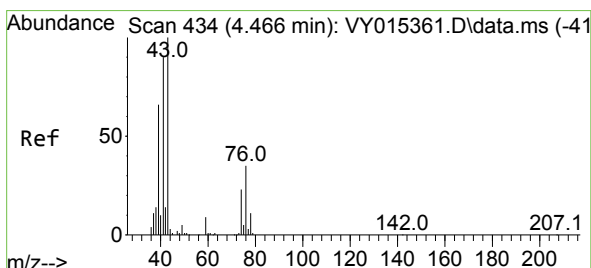
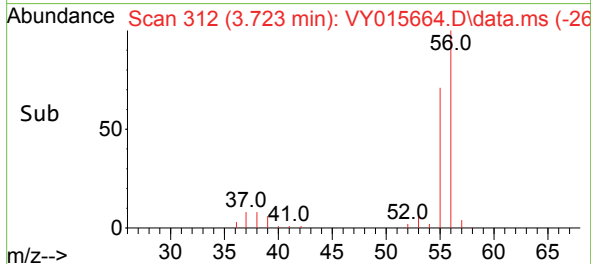
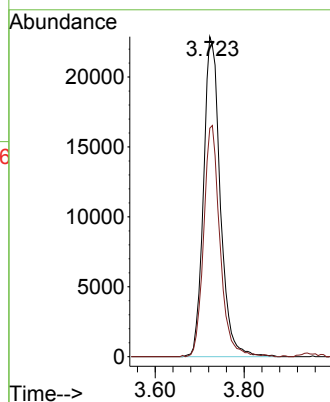
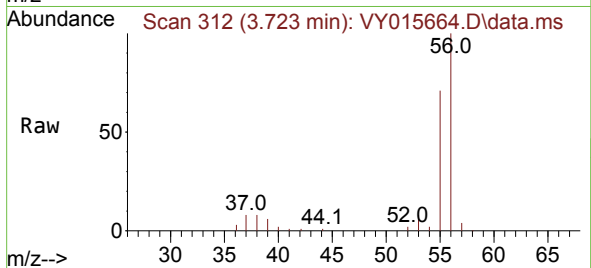
ClientSampleId :

Tgt Ion: 56 Resp: 60000

Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4



#14

Allyl chloride

Concen: 59.056 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

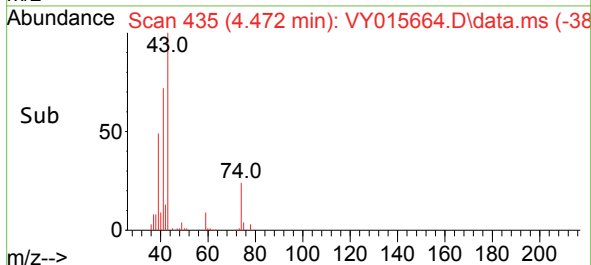
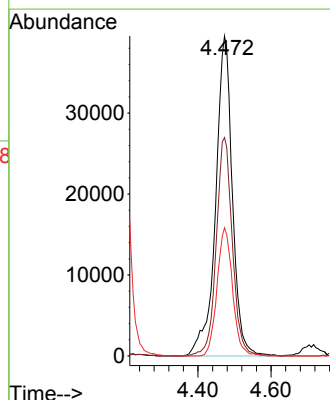
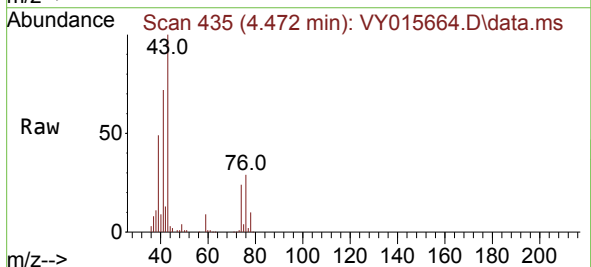
Tgt Ion: 41 Resp: 126136

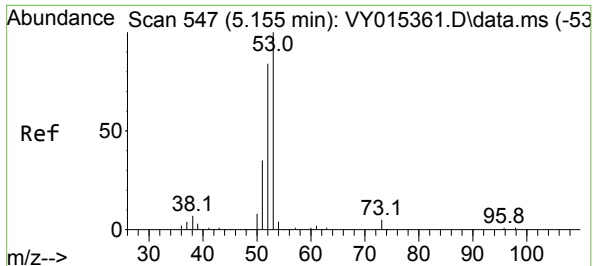
Ion Ratio Lower Upper

41 100

39 65.3 58.0 87.0

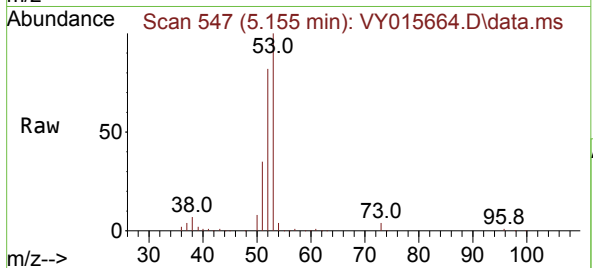
76 37.0 27.4 41.2



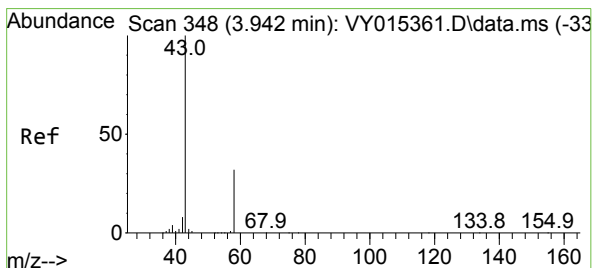
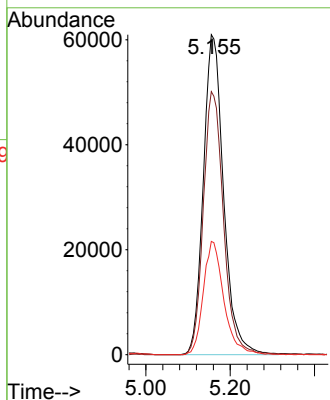
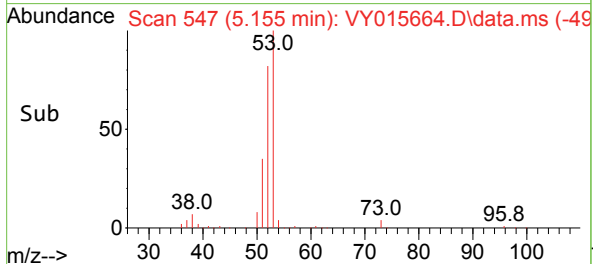


#15
Acrylonitrile
Concen: 307.888 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :

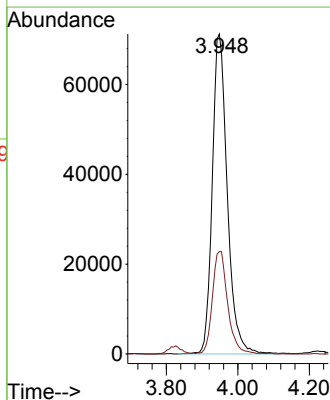
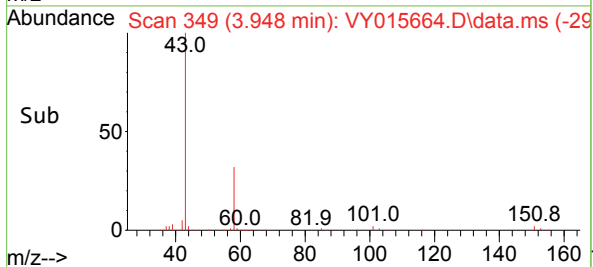
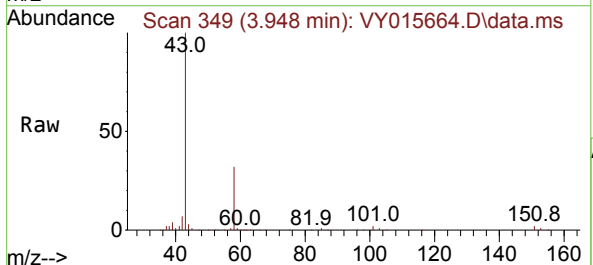


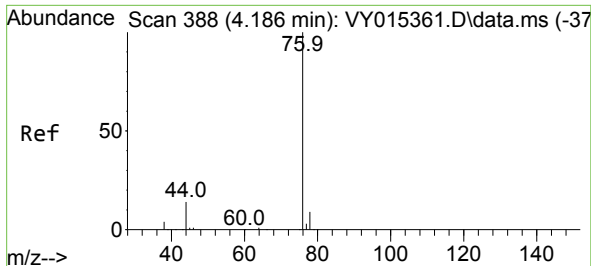
Tgt Ion: 53 Resp: 203936
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 35.9 29.8 44.6



#16
Acetone
Concen: 265.369 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 43 Resp: 207481
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

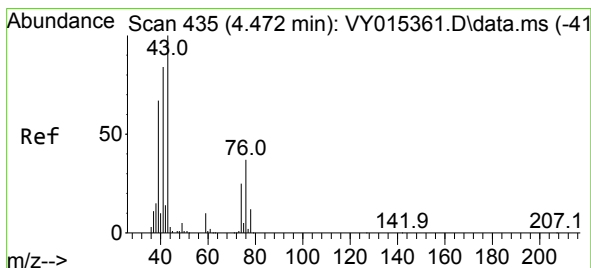
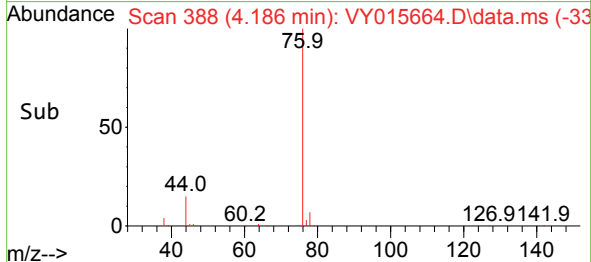
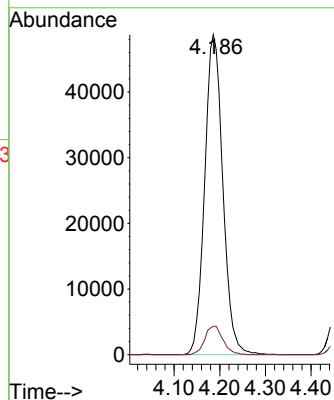
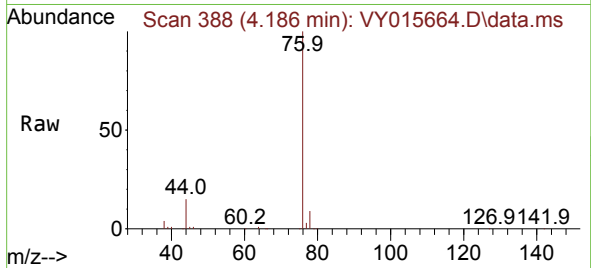




#17
Carbon Disulfide
Concen: 59.161 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

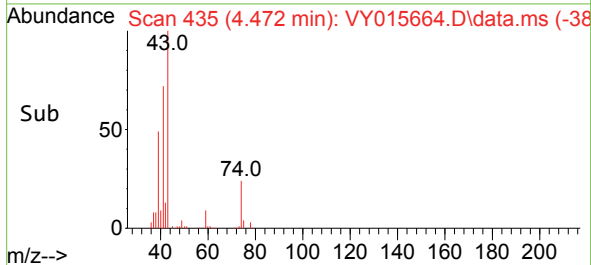
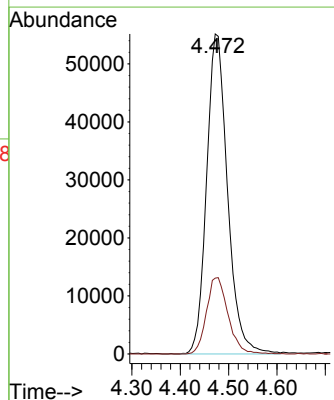
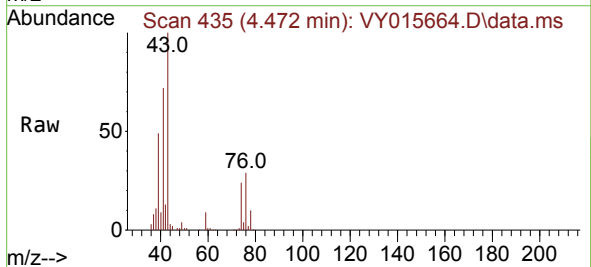
Instrument :
MSVOA_Y
ClientSampleId :

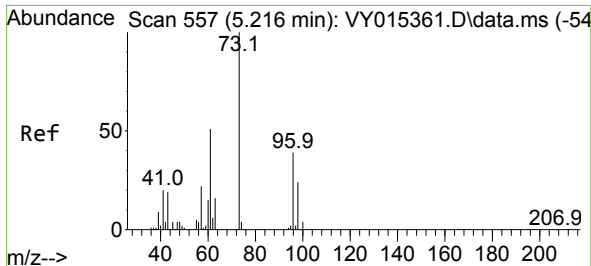
Tgt Ion: 76 Resp: 134261
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 63.230 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 43 Resp: 165872
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0

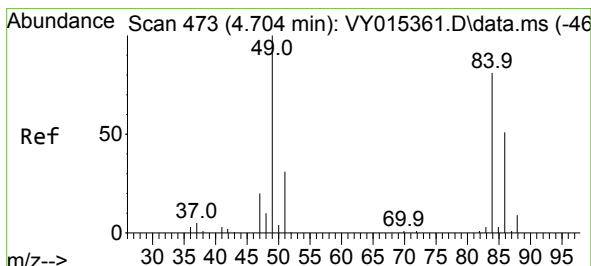
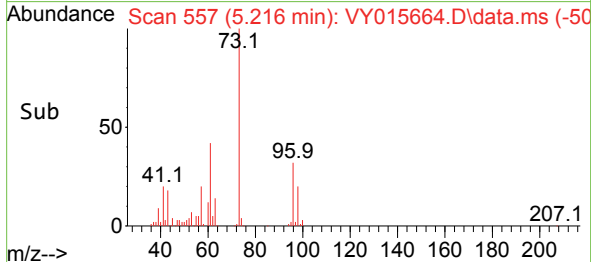
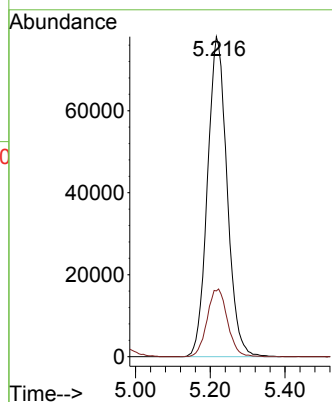
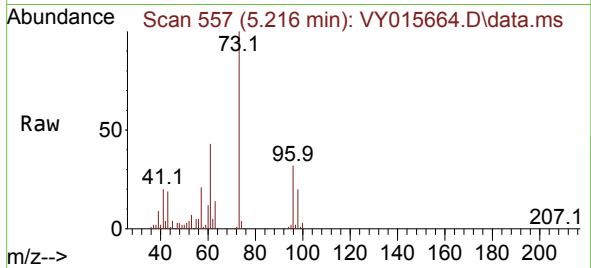




#19
Methyl tert-butyl Ether
Concen: 59.640 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

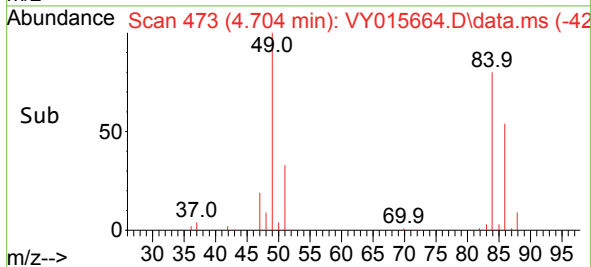
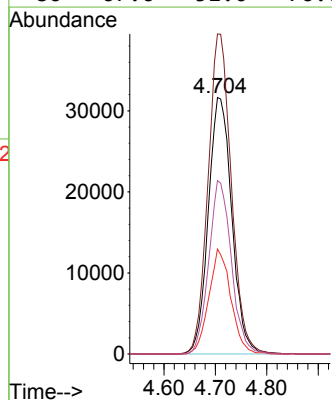
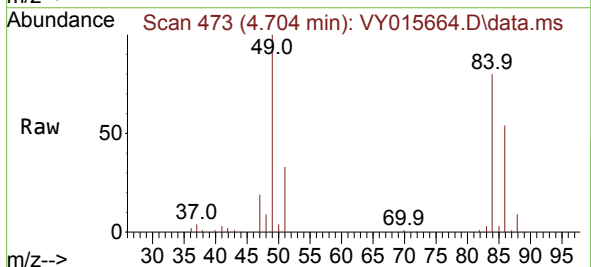
Instrument :
MSVOA_Y
ClientSampleId :

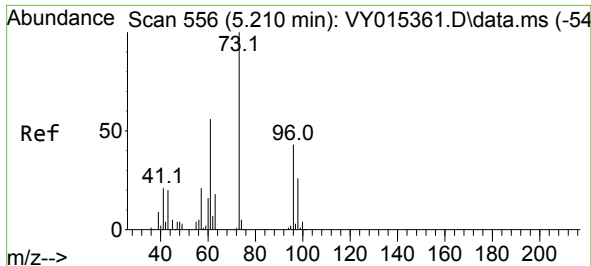
Tgt Ion: 73 Resp: 283759
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9



#20
Methylene Chloride
Concen: 59.617 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

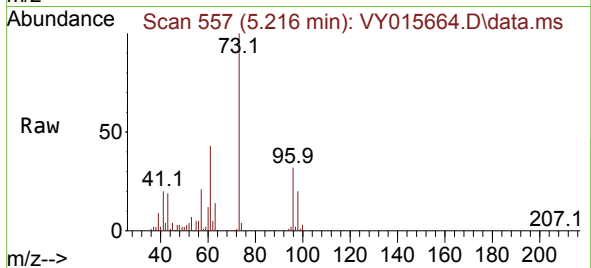
Tgt Ion: 84 Resp: 100487
Ion Ratio Lower Upper
84 100
49 124.8 106.9 160.3
51 40.9 33.2 49.8
86 67.6 51.0 76.6



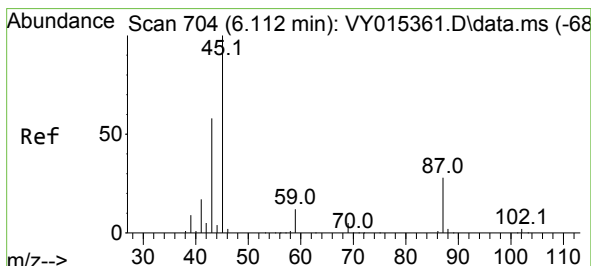
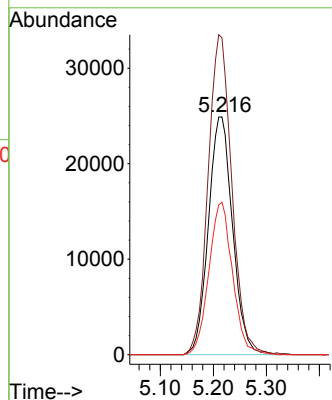
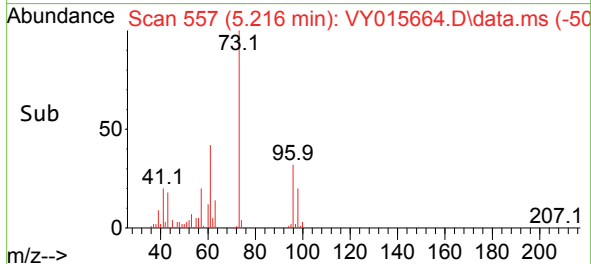


#21
trans-1,2-Dichloroethene
Concen: 59.058 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :

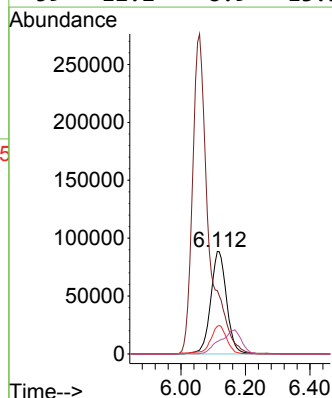
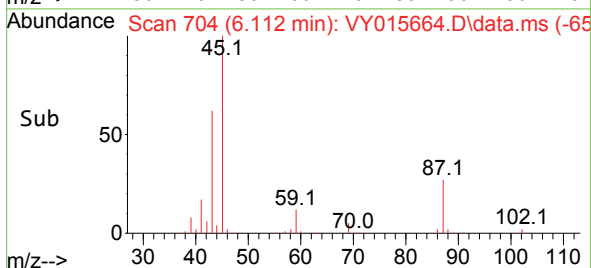
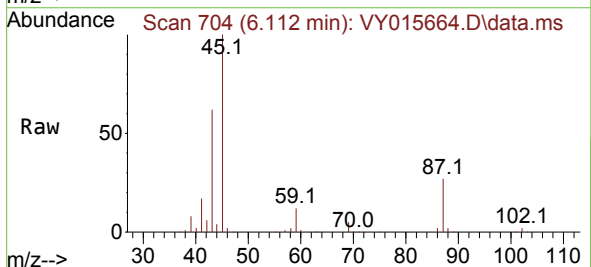


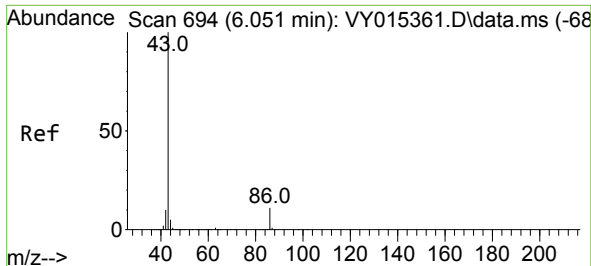
Tgt Ion: 96 Resp: 78857
Ion Ratio Lower Upper
96 100
61 133.3 110.2 165.4
98 64.2 51.8 77.6



#22
Diisopropyl ether
Concen: 58.747 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 45 Resp: 301969
Ion Ratio Lower Upper
45 100
43 61.6 52.2 78.4
87 27.0 21.0 31.6
59 12.2 8.9 13.3

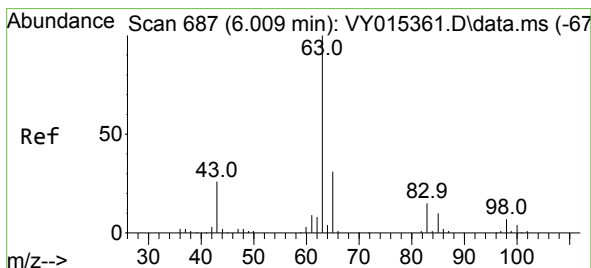
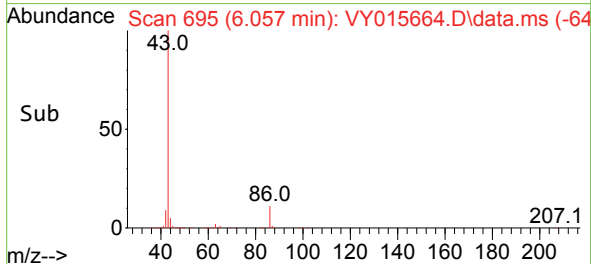
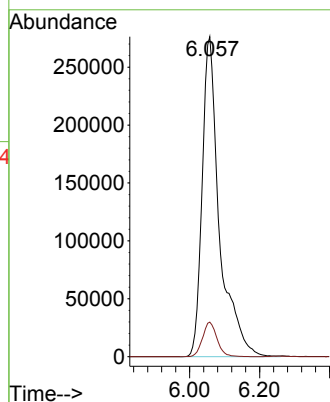
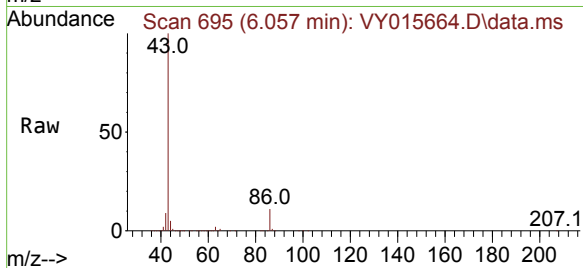




#23
 Vinyl Acetate
 Concen: 298.922 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015664.D
 Acq: 20 Sep 2023 17:16

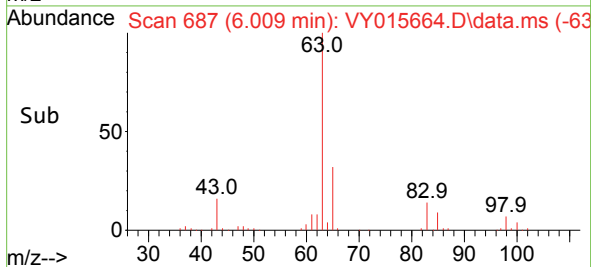
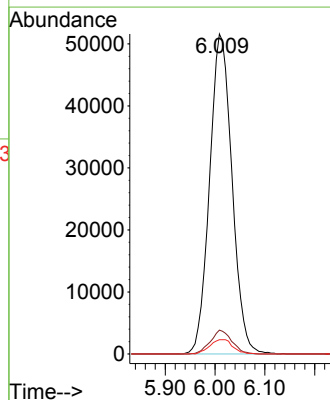
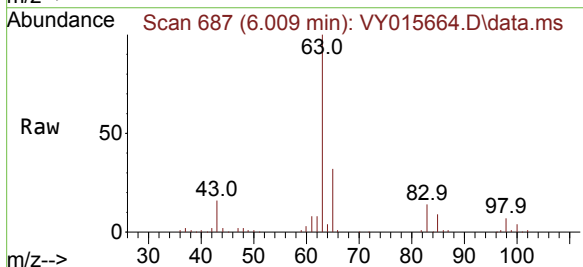
Instrument :
 MSVOA_Y
 ClientSampleId :

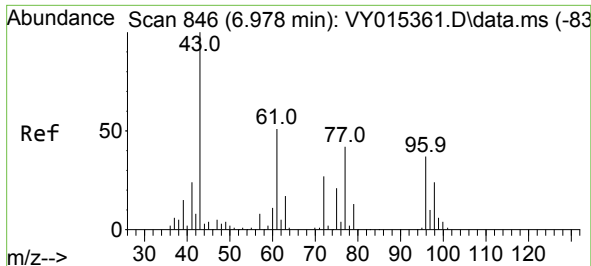
Tgt Ion: 43 Resp: 948386
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 57.545 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY015664.D
 Acq: 20 Sep 2023 17:16

Tgt Ion: 63 Resp: 161226
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.4 1.8 5.5

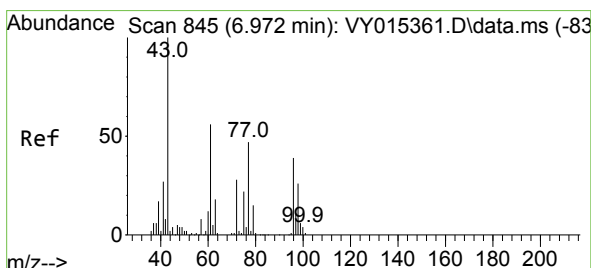
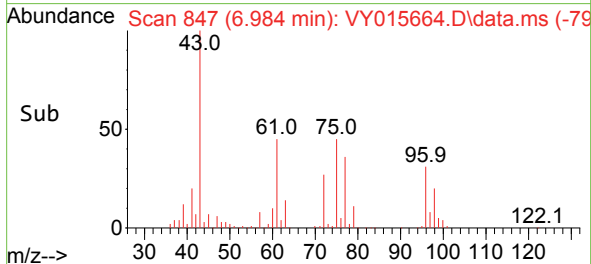
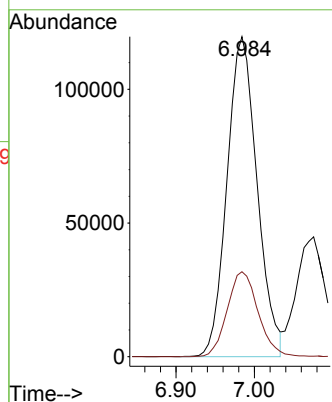
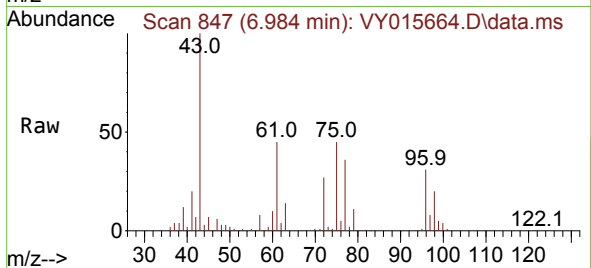




#25
2-Butanone
Concen: 289.494 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

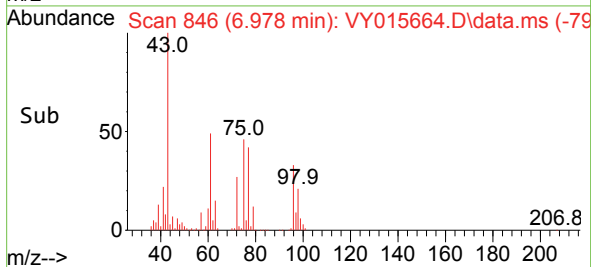
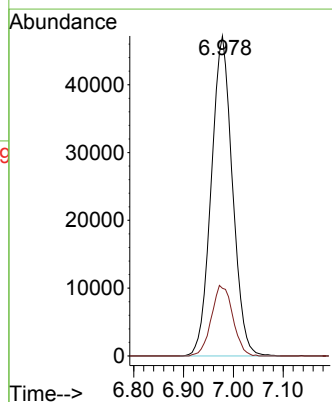
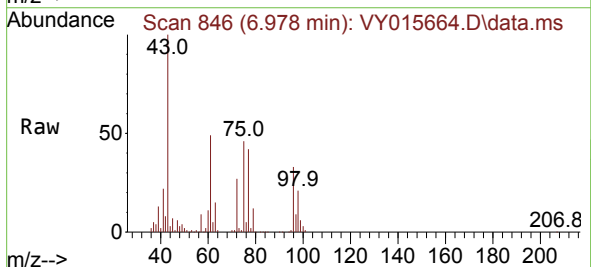
Instrument :
MSVOA_Y
ClientSampleId :

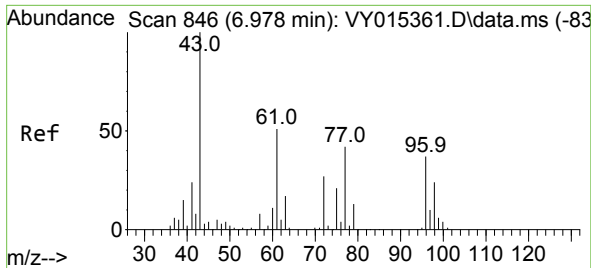
Tgt Ion: 43 Resp: 319929
Ion Ratio Lower Upper
43 100
72 26.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 54.301 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

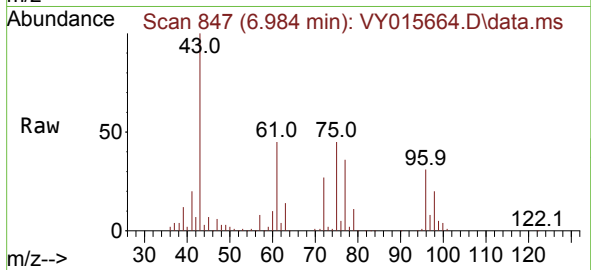
Tgt Ion: 77 Resp: 139053
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.9



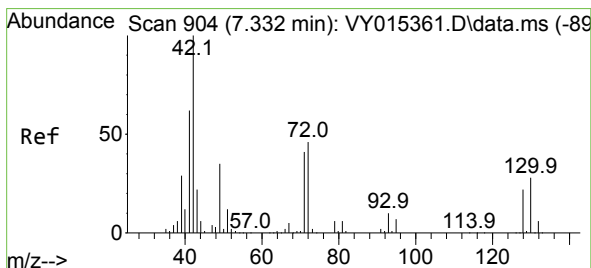
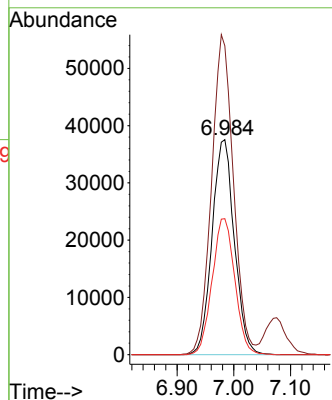
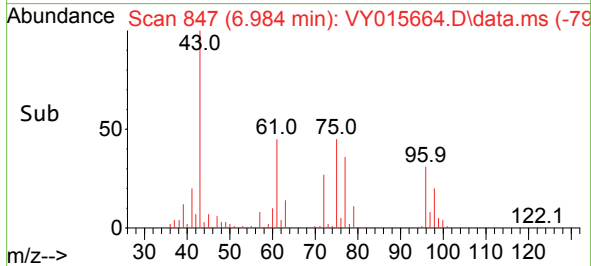


#27
cis-1,2-Dichloroethene
Concen: 57.841 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :

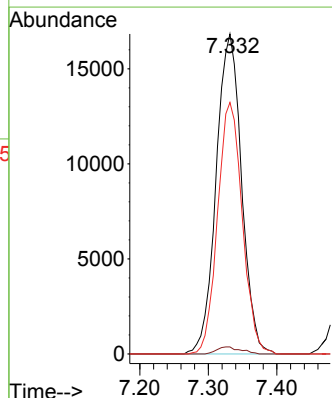
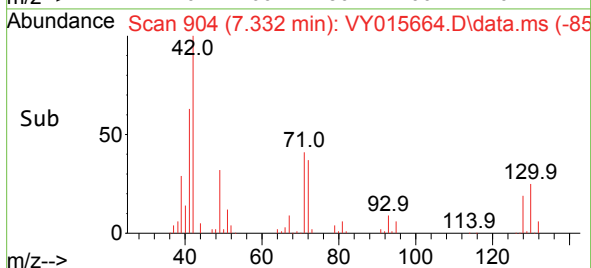
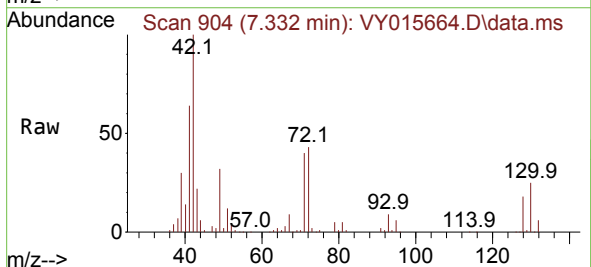


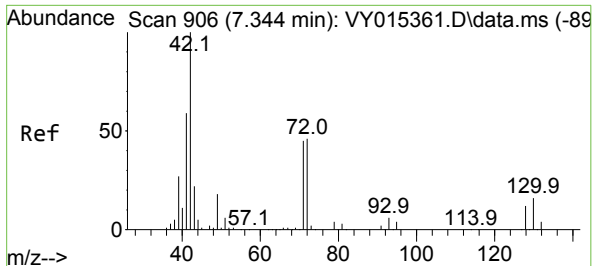
Tgt Ion: 96 Resp: 102531
Ion Ratio Lower Upper
96 100
61 146.3 0.0 301.4
98 64.3 0.0 130.4



#28
Bromochloromethane
Concen: 56.927 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 49 Resp: 43272
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 76.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 316.115 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

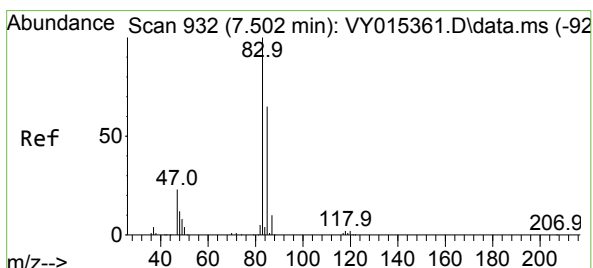
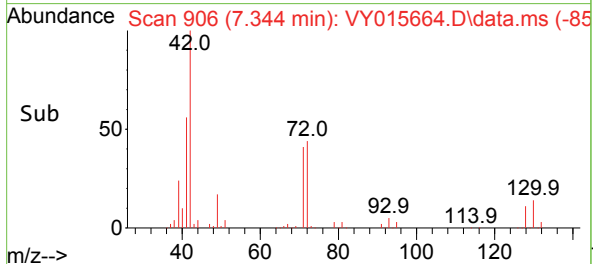
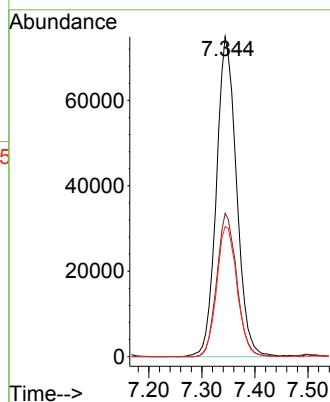
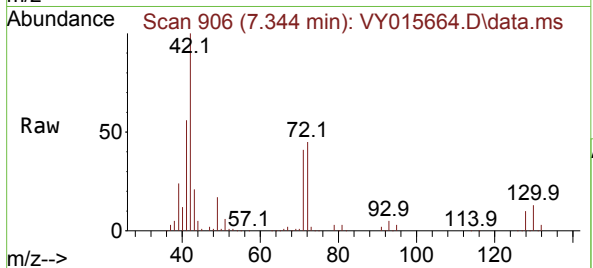
Tgt Ion: 42 Resp: 197455

Ion Ratio Lower Upper

42 100

72 44.4 32.8 49.2

71 41.4 31.0 46.4



#30

Chloroform

Concen: 57.704 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.006 min

Lab File: VY015664.D

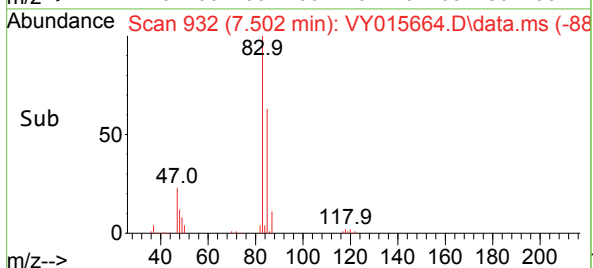
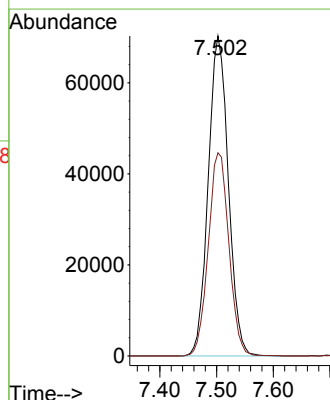
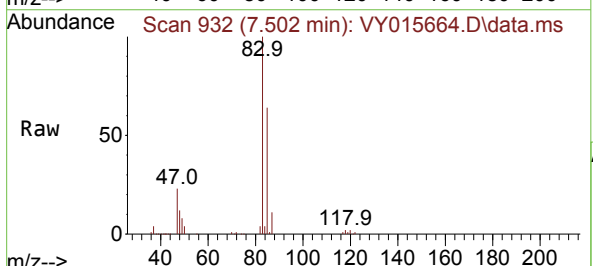
Acq: 20 Sep 2023 17:16

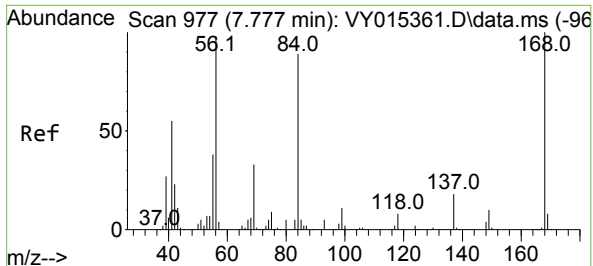
Tgt Ion: 83 Resp: 173134

Ion Ratio Lower Upper

83 100

85 63.5 49.7 74.5





#31

Cyclohexane

Concen: 54.220 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

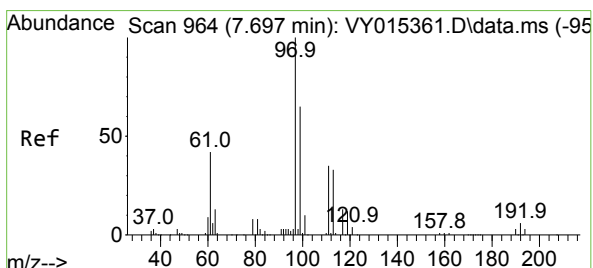
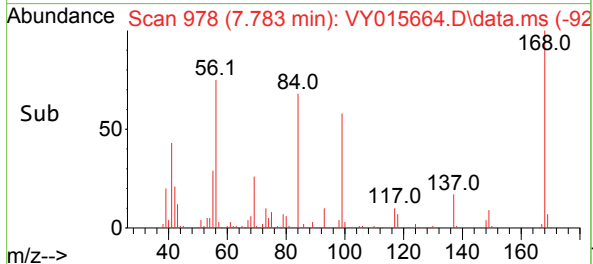
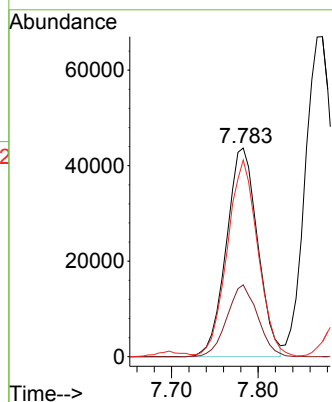
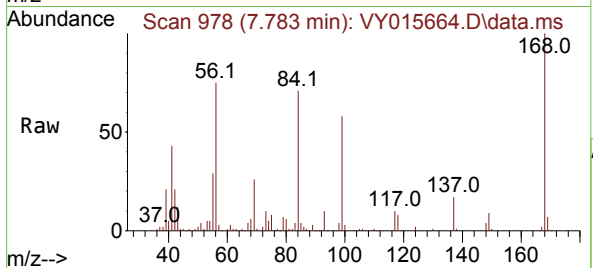
Tgt Ion: 56 Resp: 109736

Ion Ratio Lower Upper

56 100

69 34.4 27.8 41.6

84 92.7 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 58.233 ug/l

RT: 7.697 min Scan# 964

Delta R.T. 0.006 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

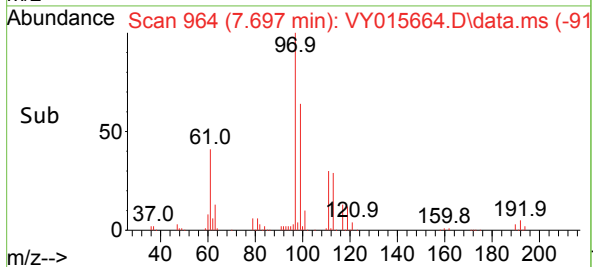
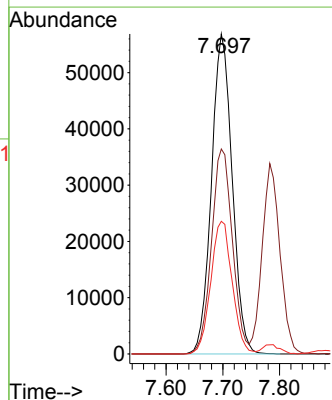
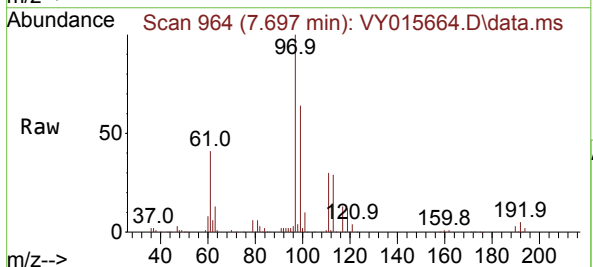
Tgt Ion: 97 Resp: 144236

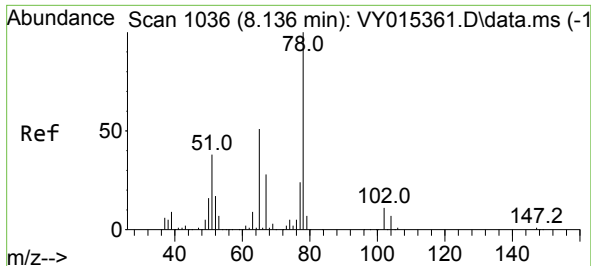
Ion Ratio Lower Upper

97 100

99 64.9 50.8 76.2

61 42.8 35.1 52.7

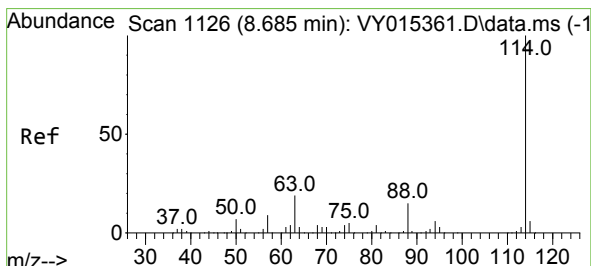
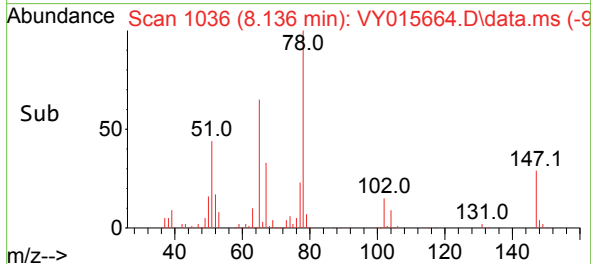
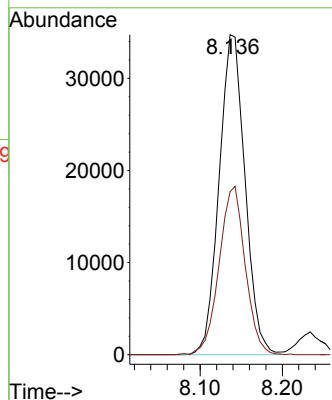
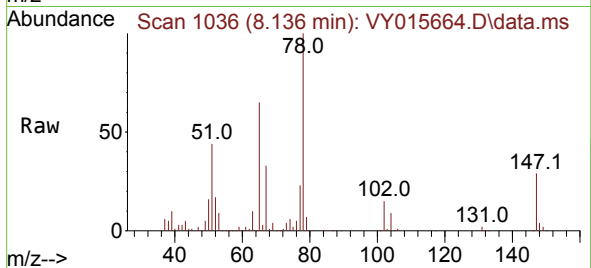




#33
 1,2-Dichloroethane-d4
 Concen: 52.115 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY015664.D
 Acq: 20 Sep 2023 17:16

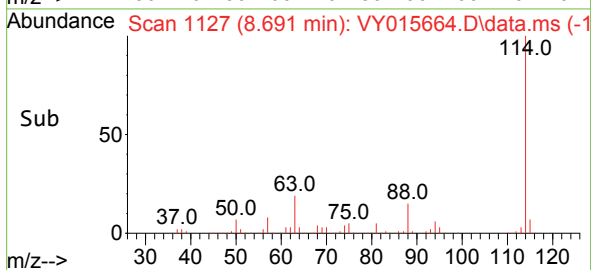
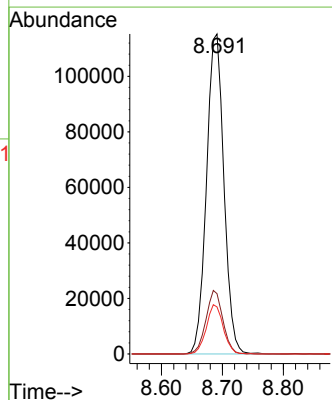
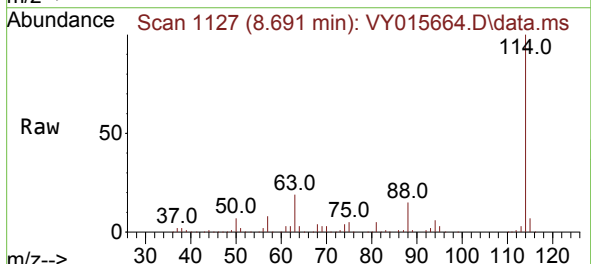
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 76140
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015664.D
 Acq: 20 Sep 2023 17:16

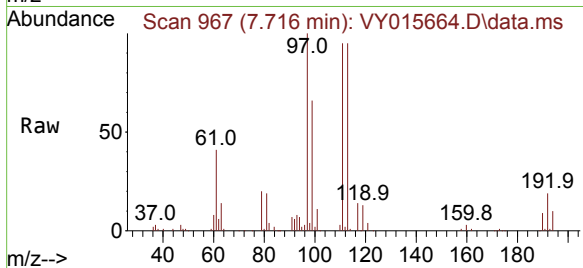
Tgt Ion:114 Resp: 228339
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.4
 88 14.7 0.0 30.6



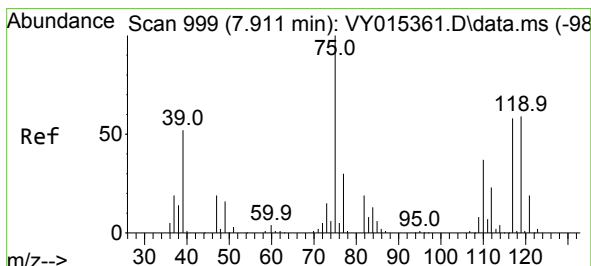
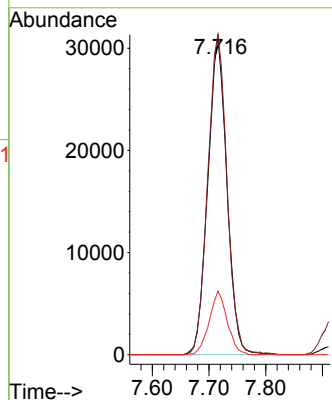
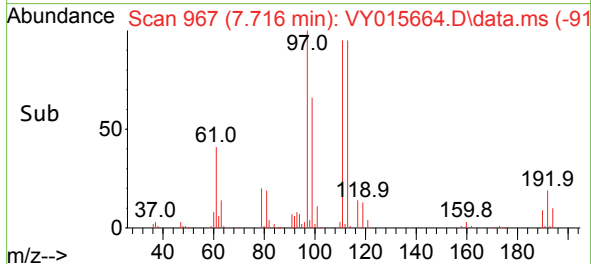


#35
Dibromofluoromethane
Concen: 53.031 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

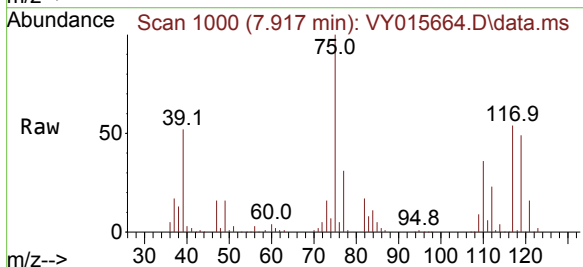
Instrument :
MSVOA_Y
ClientSampleId :



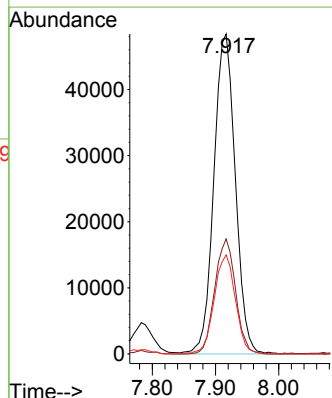
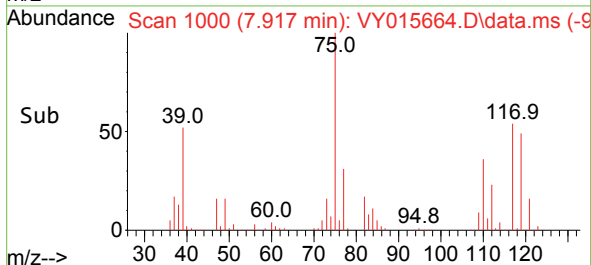
Tgt Ion:113 Resp: 72477
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.0 16.9 25.3

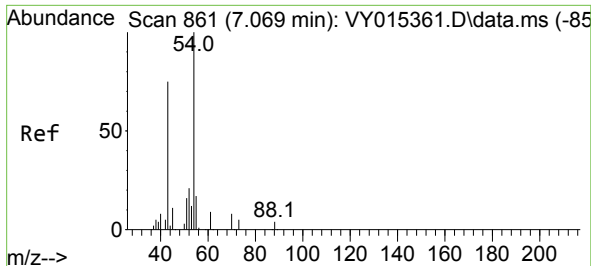


#36
1,1-Dichloropropene
Concen: 56.407 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16



Tgt Ion: 75 Resp: 113985
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 60.337 ug/l

RT: 7.076 min Scan# 80

Delta R.T. 0.013 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

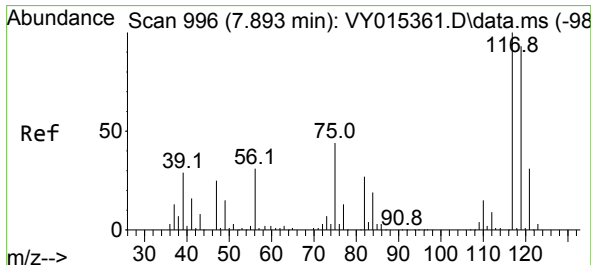
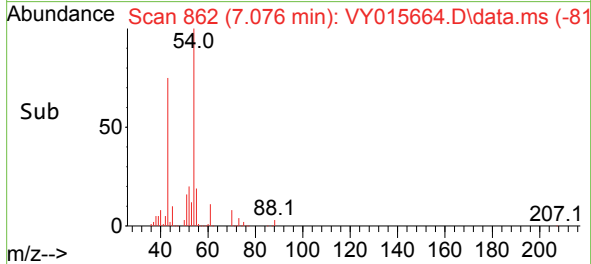
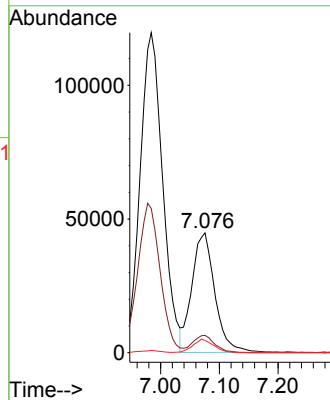
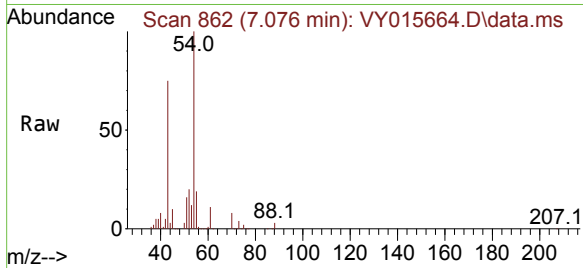
Tgt Ion: 43 Resp: 121617

Ion Ratio Lower Upper

43 100

61 13.8 10.1 15.1

70 10.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 56.944 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

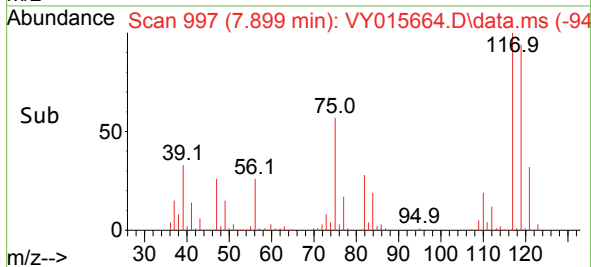
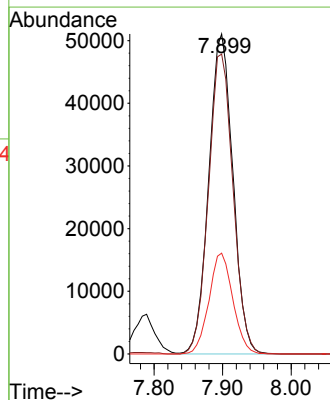
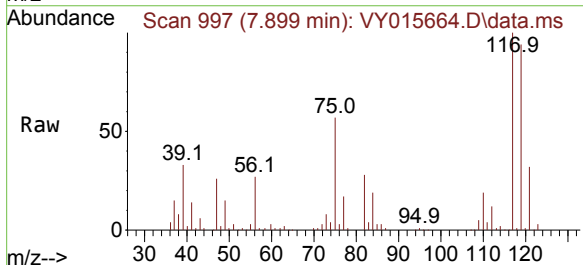
Tgt Ion:117 Resp: 124905

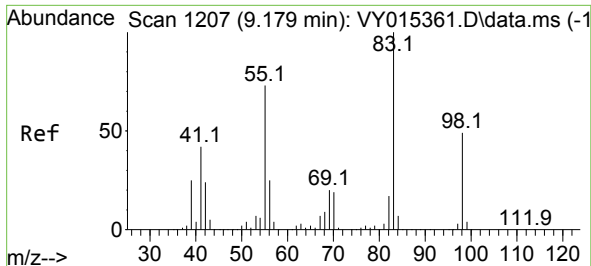
Ion Ratio Lower Upper

117 100

119 93.7 76.4 114.6

121 31.5 25.8 38.6





#39

Methylcyclohexane

Concen: 55.752 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

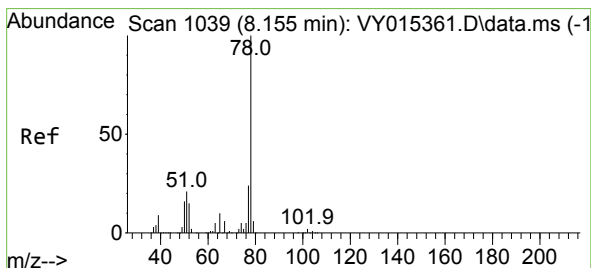
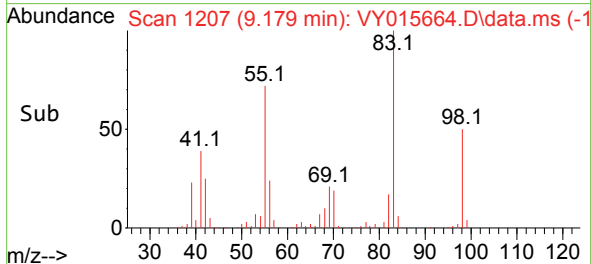
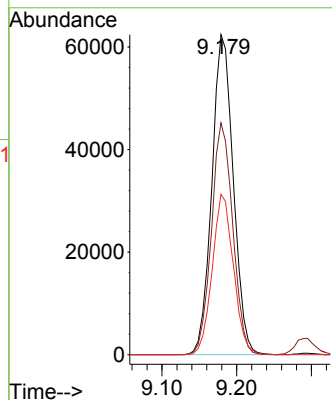
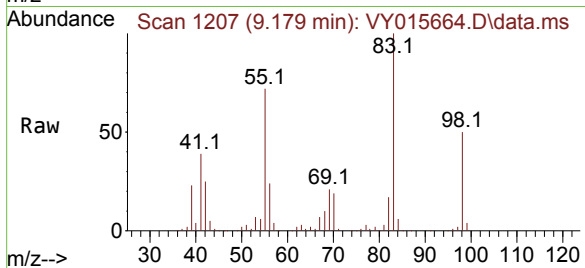
Tgt Ion: 83 Resp: 124610

Ion Ratio Lower Upper

83 100

55 72.4 63.0 94.4

98 50.1 37.4 56.2



#40

Benzene

Concen: 56.977 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015664.D

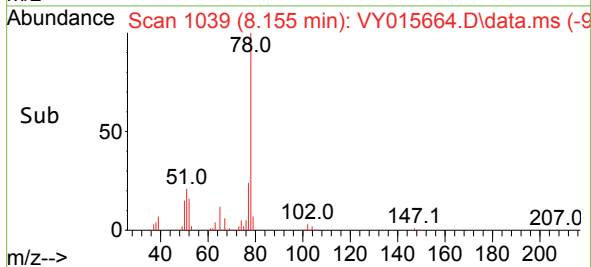
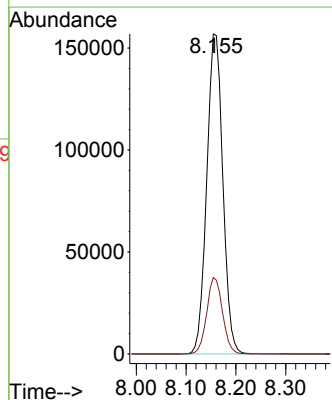
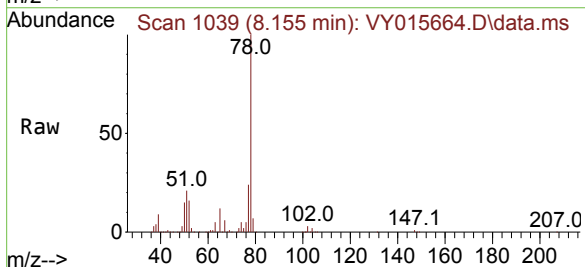
Acq: 20 Sep 2023 17:16

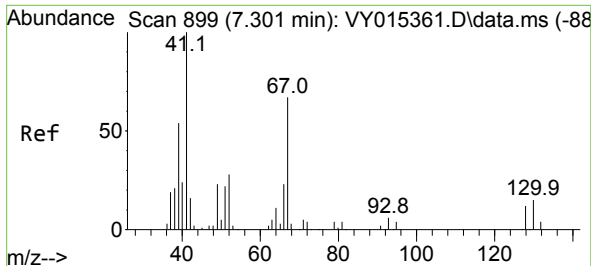
Tgt Ion: 78 Resp: 351116

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

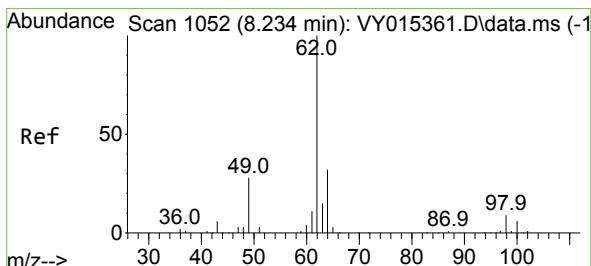
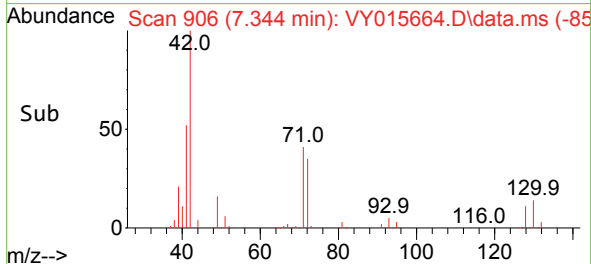
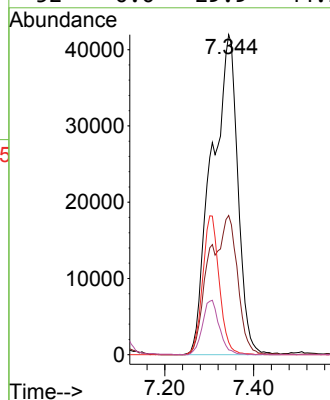
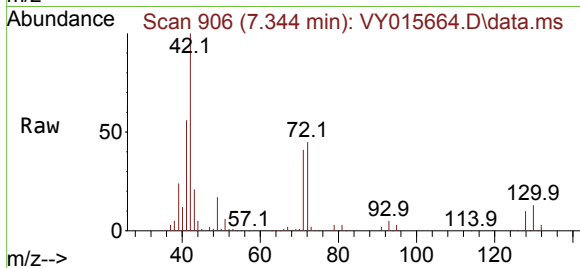




#41
Methacrylonitrile
Concen: 156.956 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.031 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

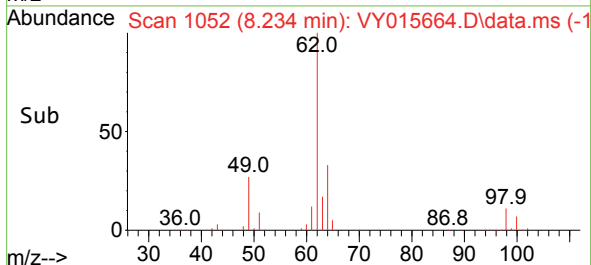
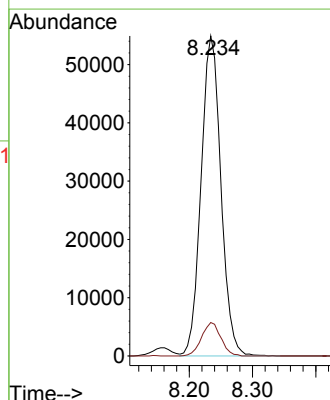
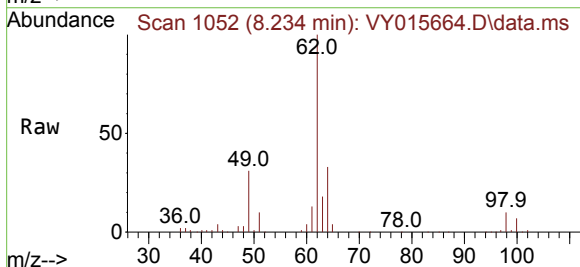
Instrument :
MSVOA_Y
ClientSampleId :

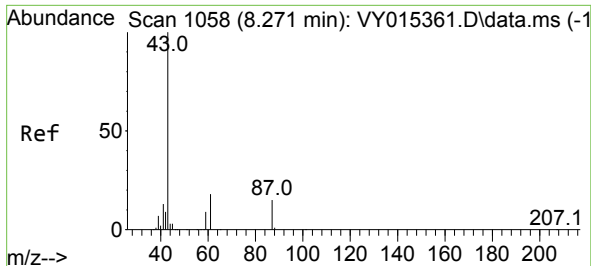
Tgt Ion: 41 Resp: 170343
Ion Ratio Lower Upper
41 100
39 24.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 56.846 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

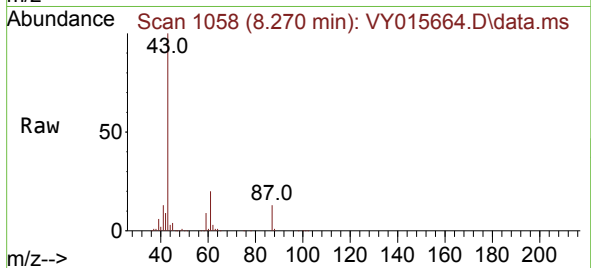
Tgt Ion: 62 Resp: 119974
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8



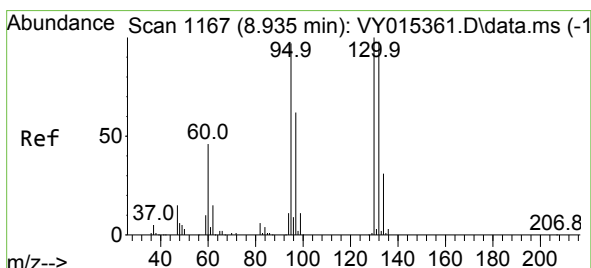
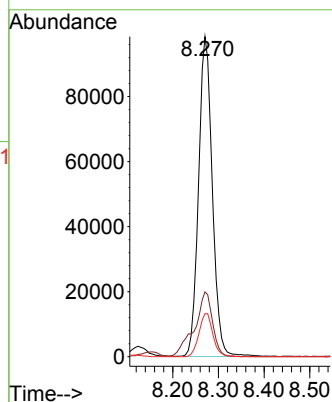
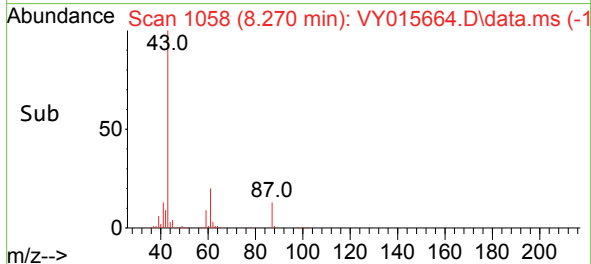


#43
Isopropyl Acetate
Concen: 59.964 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Instrument :
MSVOA_Y
ClientSampleId :

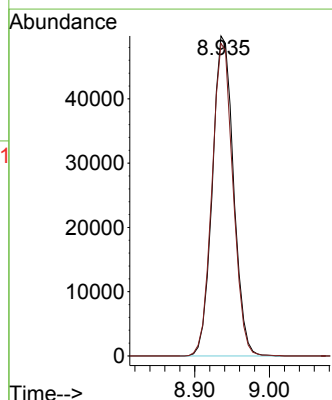
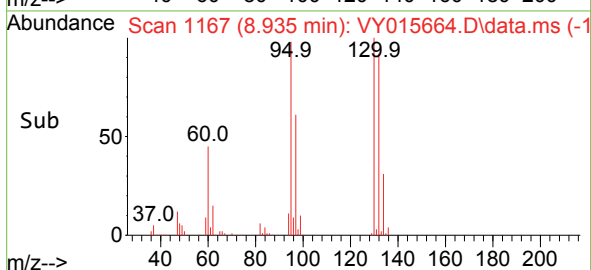
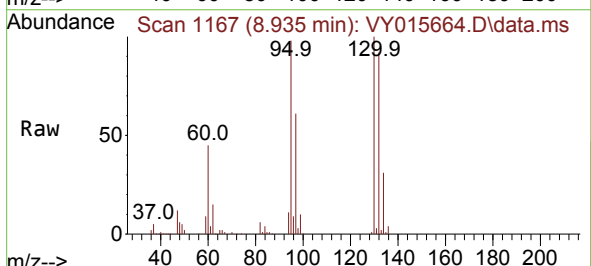


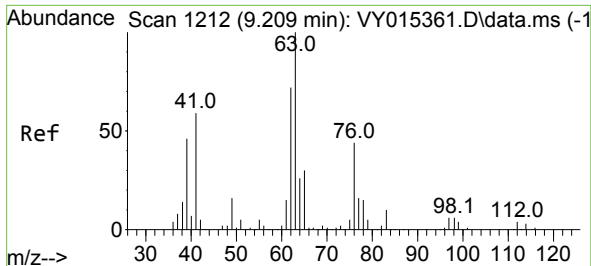
Tgt Ion: 43 Resp: 206461
Ion Ratio Lower Upper
43 100
61 26.5 21.1 31.7
87 13.6 9.8 14.8



#44
Trichloroethene
Concen: 56.825 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion:130 Resp: 97806
Ion Ratio Lower Upper
130 100
95 97.7 0.0 196.0

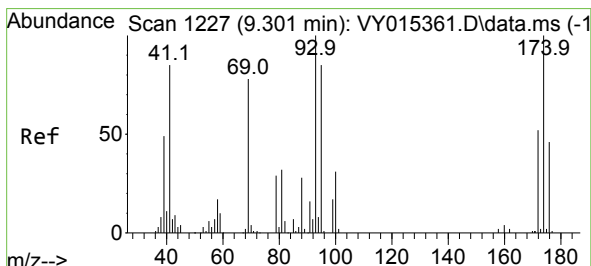
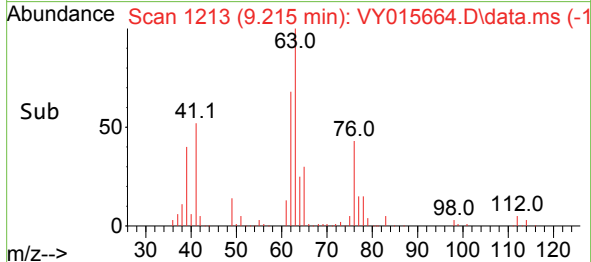
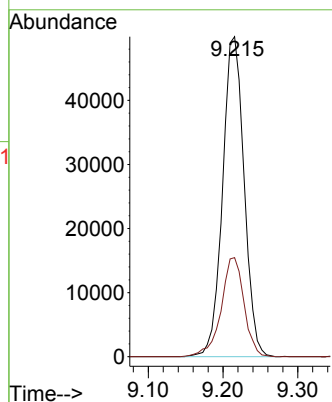
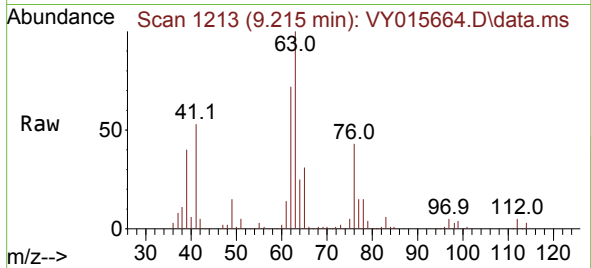




#45
1,2-Dichloropropane
Concen: 58.191 ug/l
RT: 9.215 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

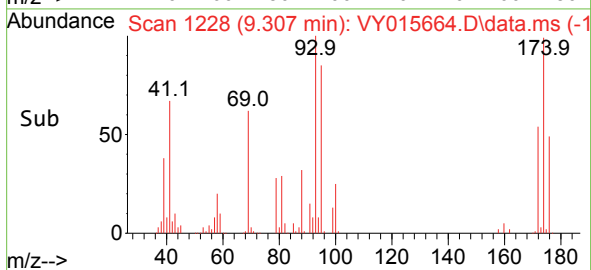
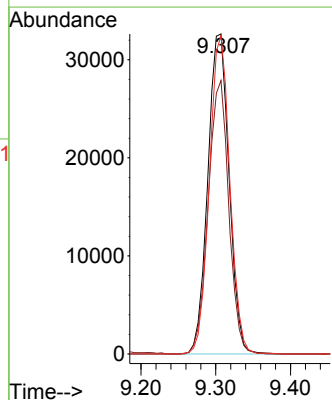
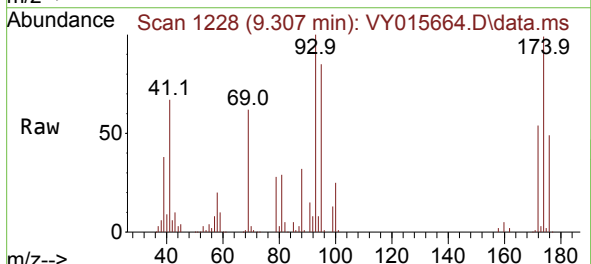
Instrument :
MSVOA_Y
ClientSampleId :

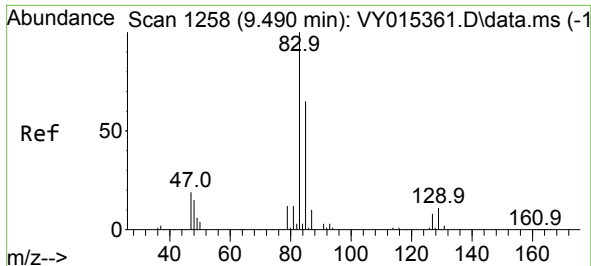
Tgt Ion: 63 Resp: 100002
Ion Ratio Lower Upper
63 100
65 30.9 23.8 35.6



#46
Dibromomethane
Concen: 58.625 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 93 Resp: 64445
Ion Ratio Lower Upper
93 100
95 82.6 66.6 100.0
174 95.9 84.8 127.2

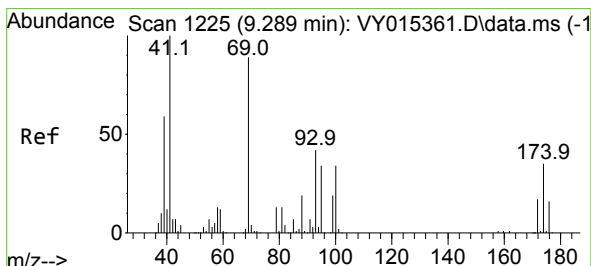
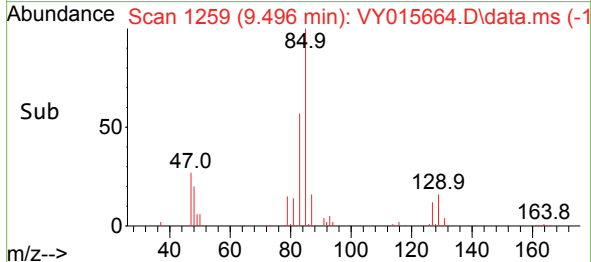
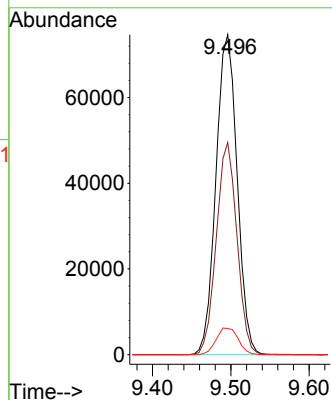
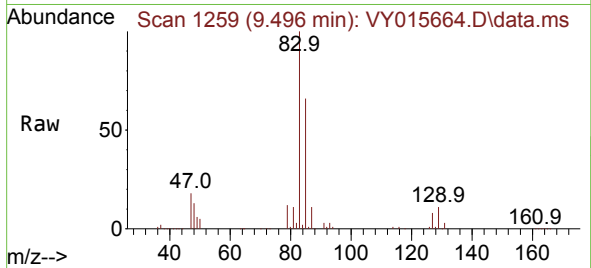




#47
Bromodichloromethane
Concen: 57.327 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

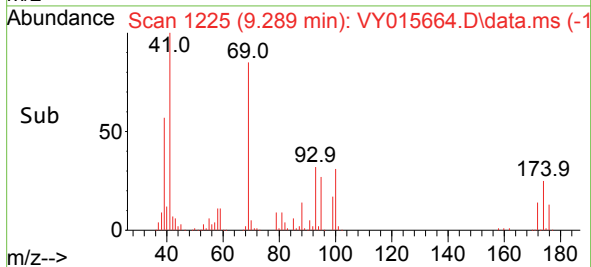
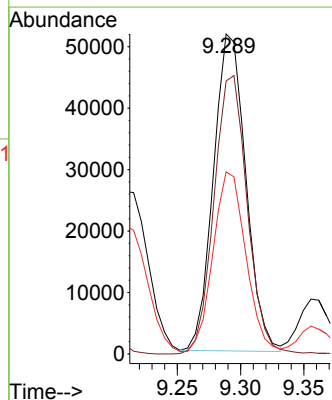
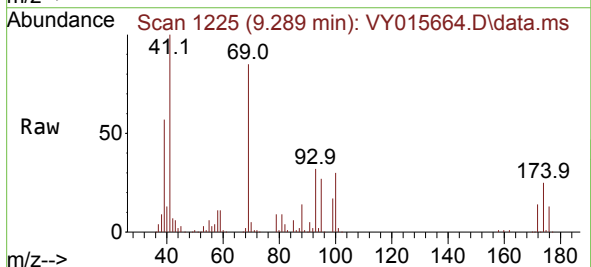
Instrument :
MSVOA_Y
ClientSampleId :

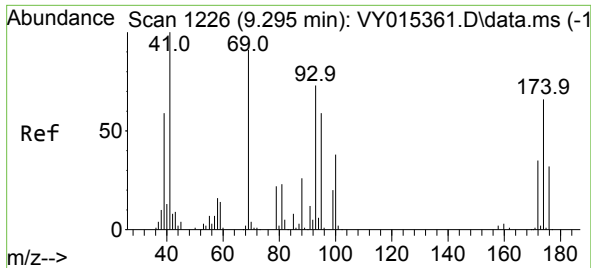
Tgt Ion: 83 Resp: 140467
Ion Ratio Lower Upper
83 100
85 66.3 50.1 75.1
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 60.799 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

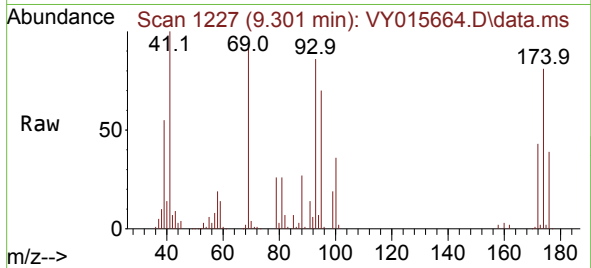
Tgt Ion: 41 Resp: 91884
Ion Ratio Lower Upper
41 100
69 90.5 64.5 96.7
39 58.7 50.8 76.2



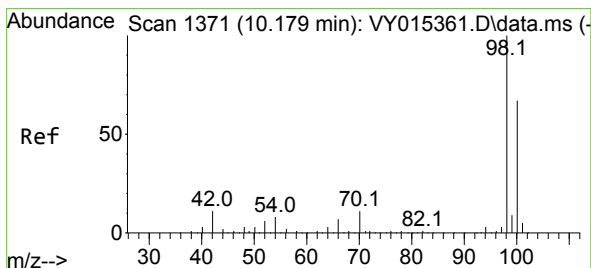
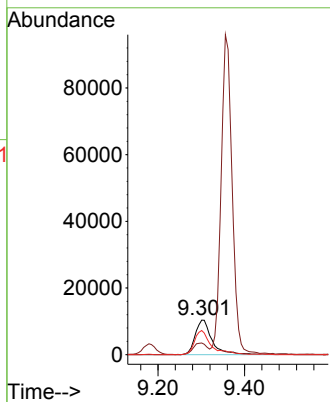
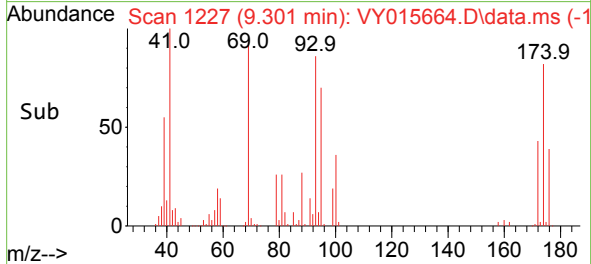


#49
1,4-Dioxane
Concen: 1300.721 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

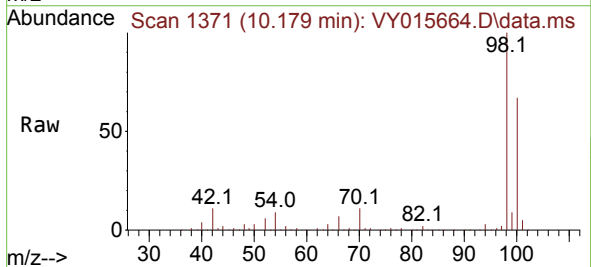
Instrument :
MSVOA_Y
ClientSampleId :



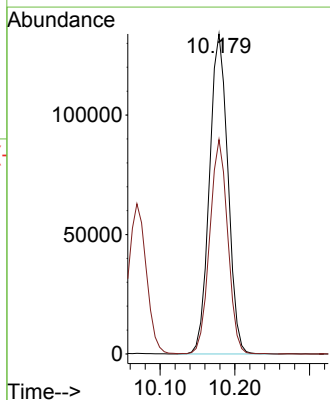
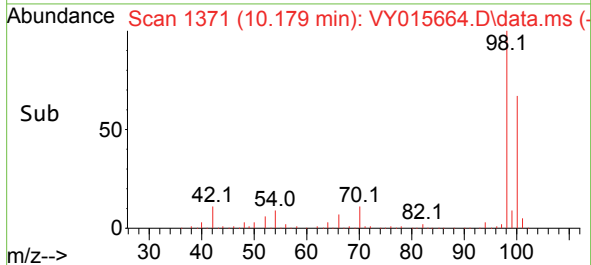
Tgt Ion: 88 Resp: 28248
Ion Ratio Lower Upper
88 100
43 28.1 0.0 0.0#
58 69.5 30.9 46.3#

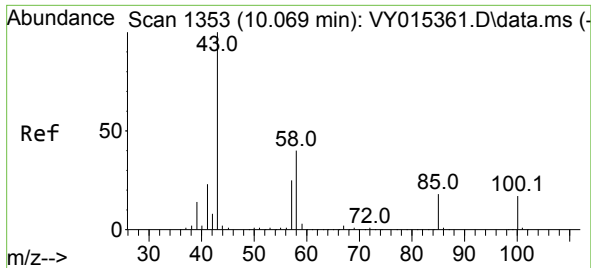


#50
Toluene-d8
Concen: 49.484 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16



Tgt Ion: 98 Resp: 229305
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

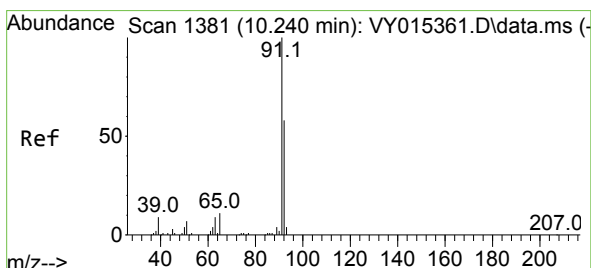
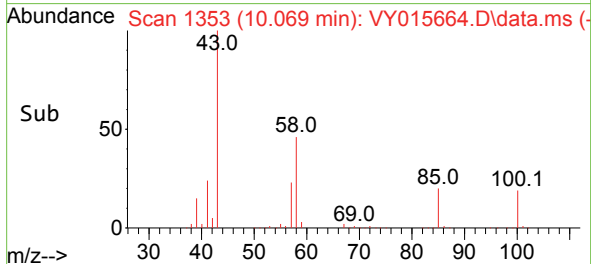
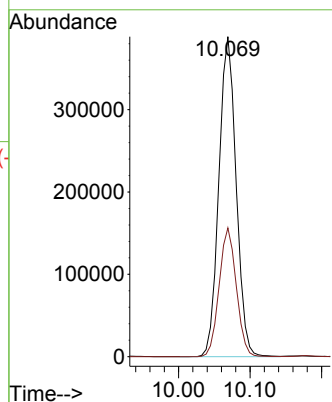
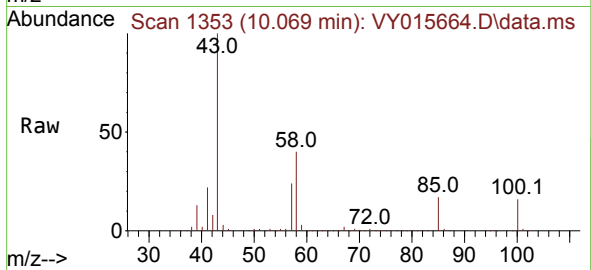




#51
4-Methyl-2-Pentanone
Concen: 305.395 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

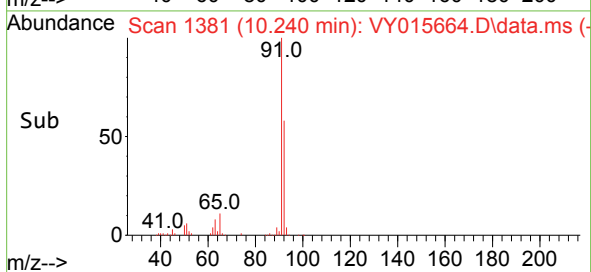
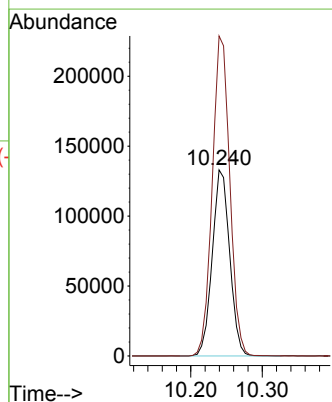
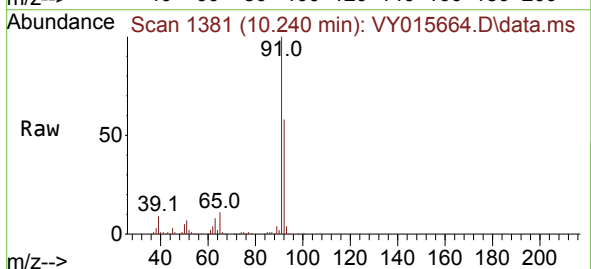
Instrument :
MSVOA_Y
ClientSampleId :

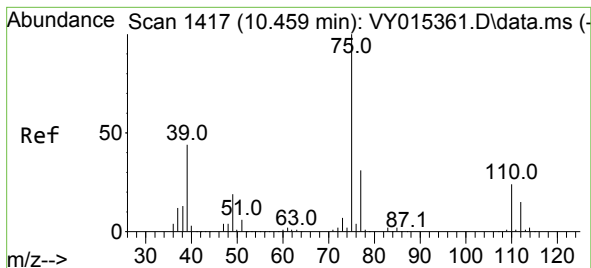
Tgt Ion: 43 Resp: 651732
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6



#52
Toluene
Concen: 56.540 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 92 Resp: 224625
Ion Ratio Lower Upper
92 100
91 173.3 143.8 215.6

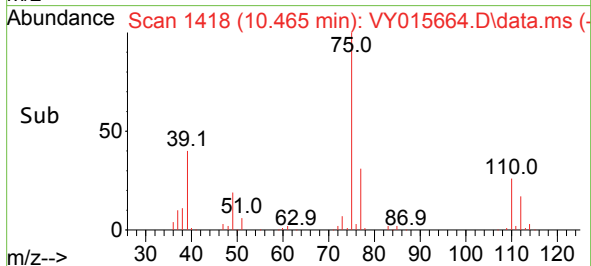
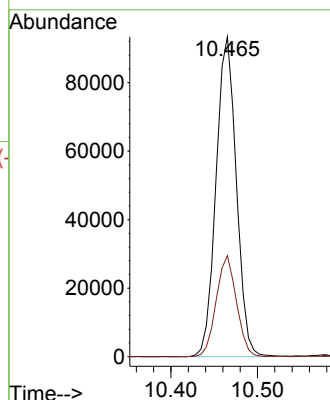
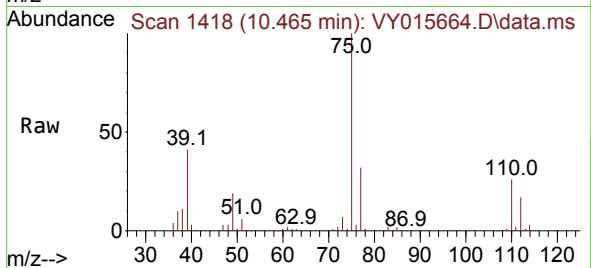




#53
 t-1,3-Dichloropropene
 Concen: 57.827 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015664.D
 Acq: 20 Sep 2023 17:16

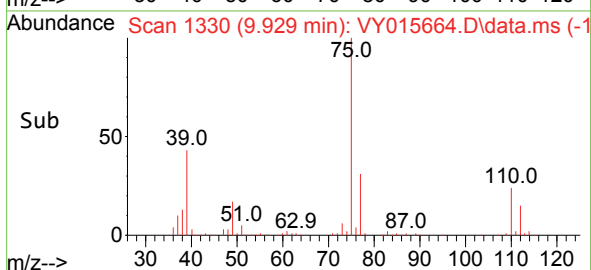
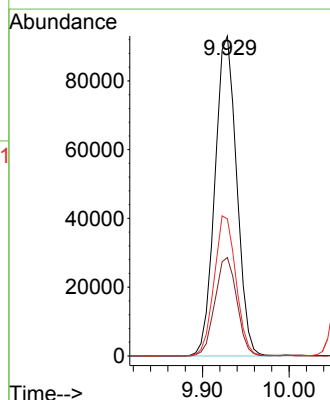
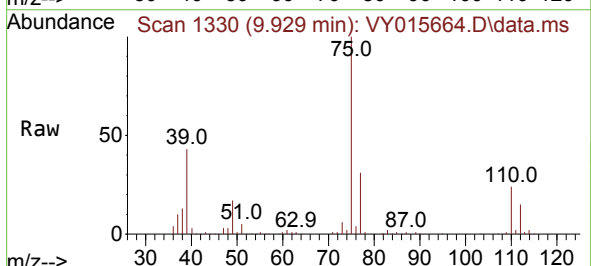
Instrument :
 MSVOA_Y
 ClientSampleId :

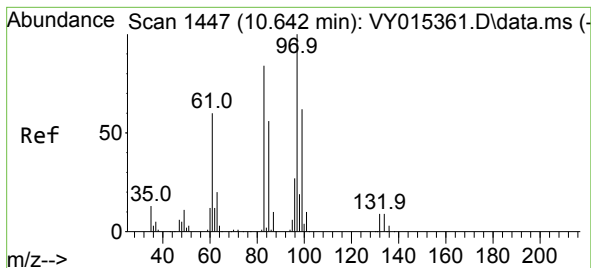
Tgt Ion: 75 Resp: 151946
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 57.414 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015664.D
 Acq: 20 Sep 2023 17:16

Tgt Ion: 75 Resp: 162390
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.2 36.4
 39 42.7 42.2 63.4

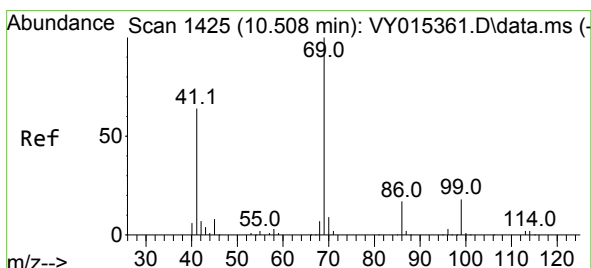
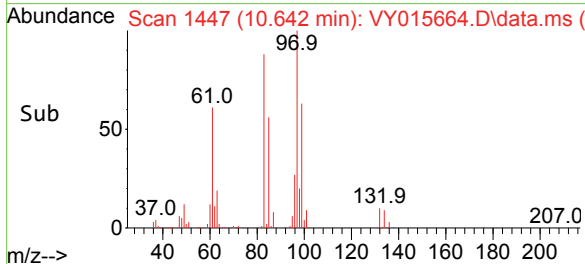
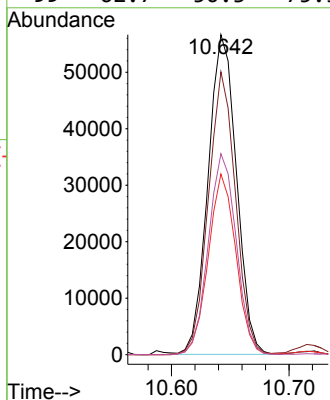
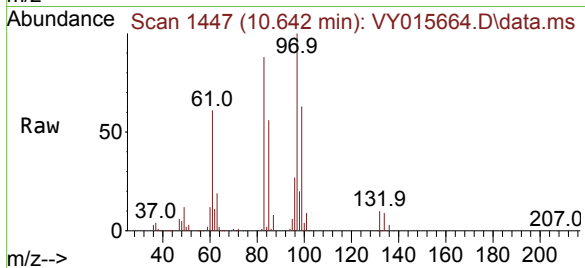




#55
1,1,2-Trichloroethane
Concen: 59.135 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

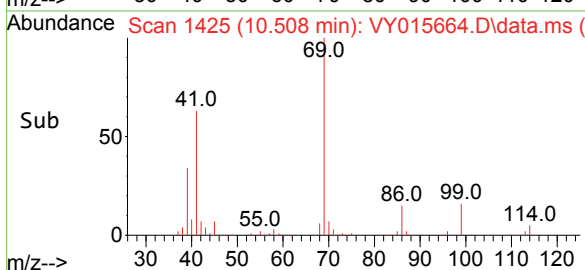
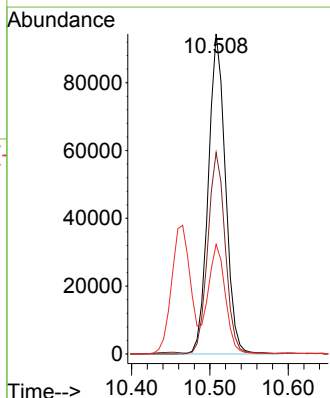
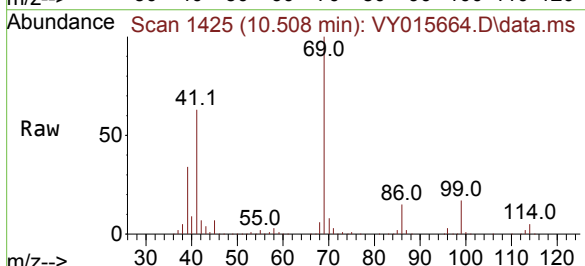
Instrument :
MSVOA_Y
ClientSampleId :

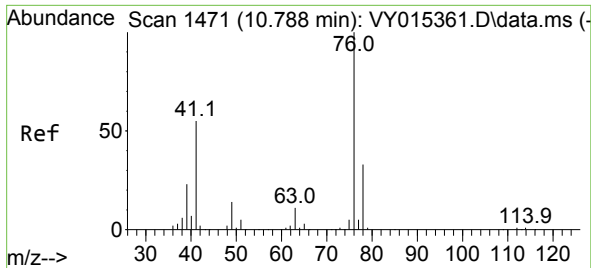
Tgt Ion:	97	Resp:	95265
Ion	Ratio	Lower	Upper
97	100		
83	88.2	72.0	108.0
85	56.3	45.4	68.0
99	62.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 60.516 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion:	69	Resp:	143669
Ion	Ratio	Lower	Upper
69	100		
41	63.5	57.6	86.4
39	35.0	34.1	51.1

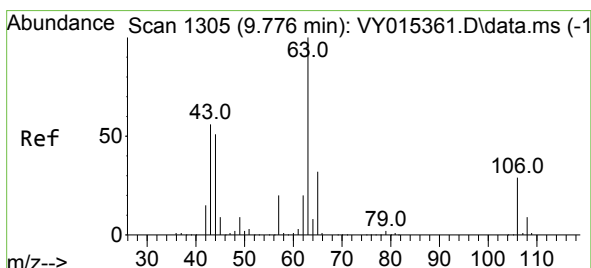
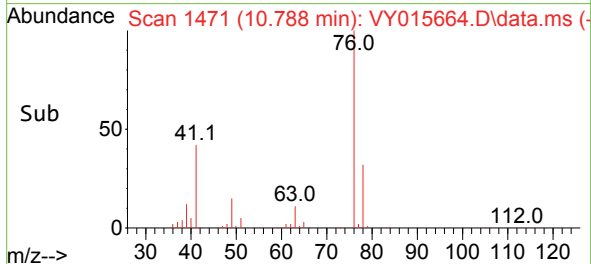
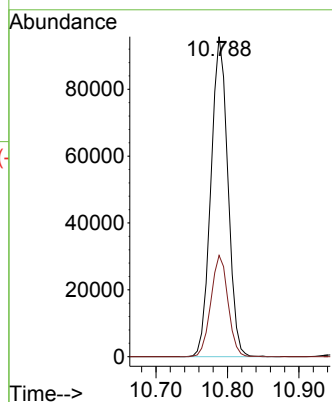
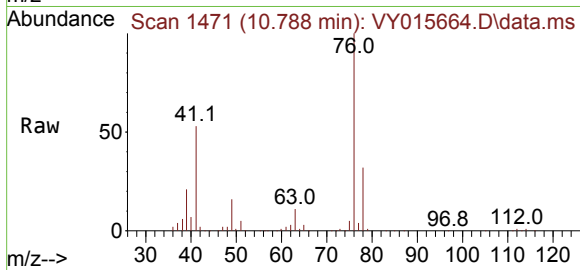




#57
1,3-Dichloropropane
Concen: 58.198 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

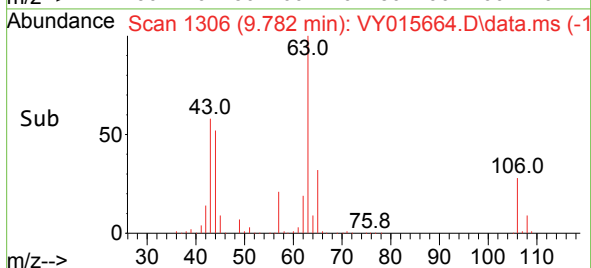
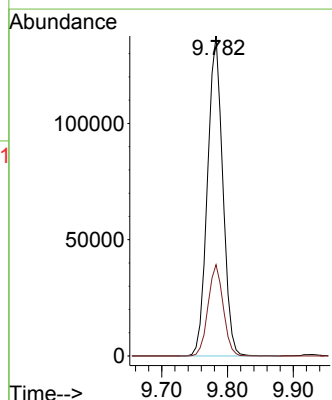
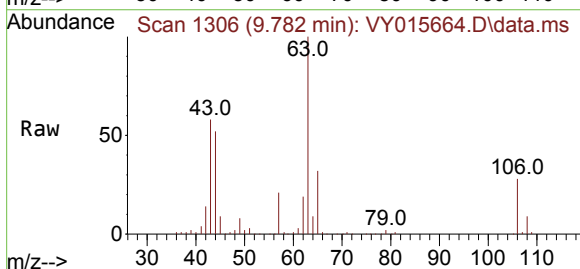
Instrument :
MSVOA_Y
ClientSampleId :

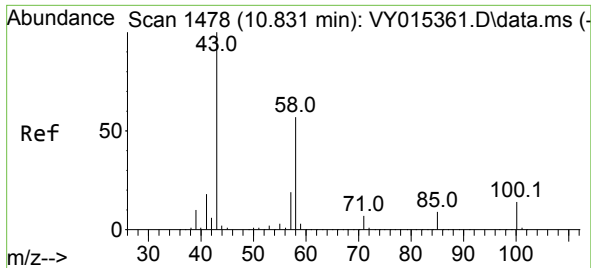
Tgt Ion: 76 Resp: 157223
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 294.306 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 63 Resp: 221938
Ion Ratio Lower Upper
63 100
106 28.2 21.2 31.8

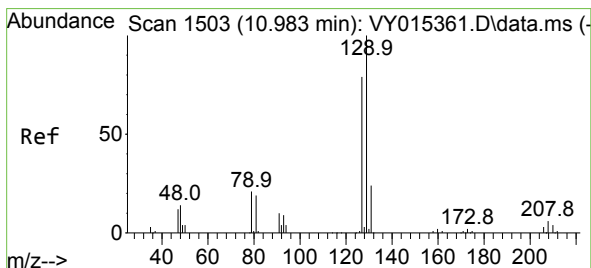
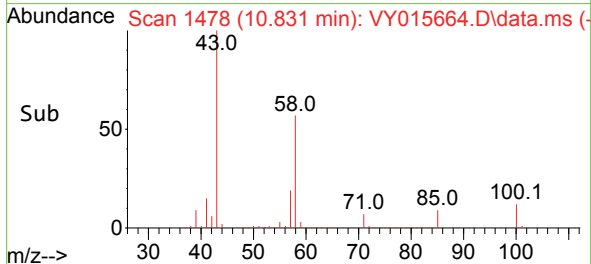
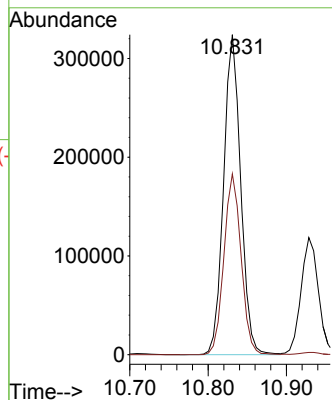
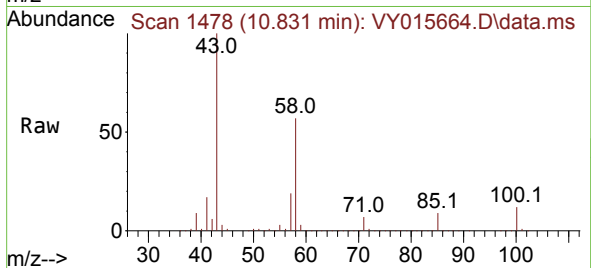




#59
2-Hexanone
Concen: 300.796 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

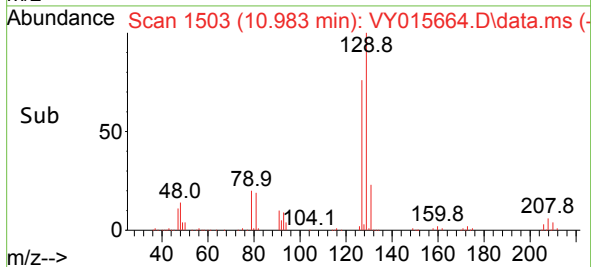
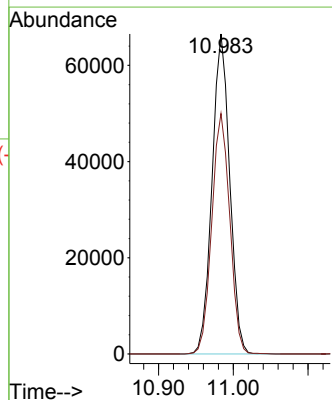
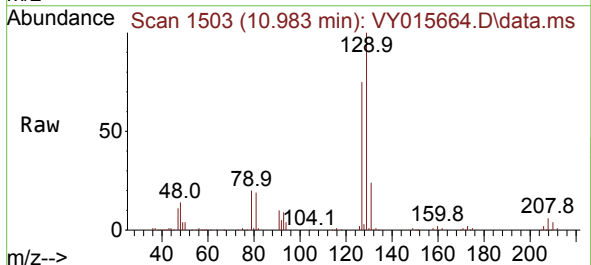
Instrument :
MSVOA_Y
ClientSampleId :

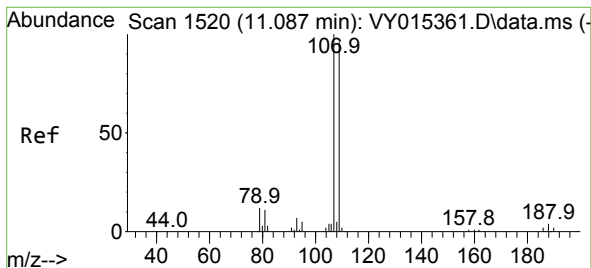
Tgt Ion: 43 Resp: 492486
Ion Ratio Lower Upper
43 100
58 56.7 25.1 75.3



#60
Dibromochloromethane
Concen: 58.124 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion:129 Resp: 109305
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5

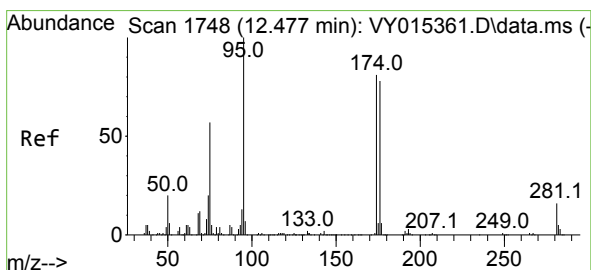
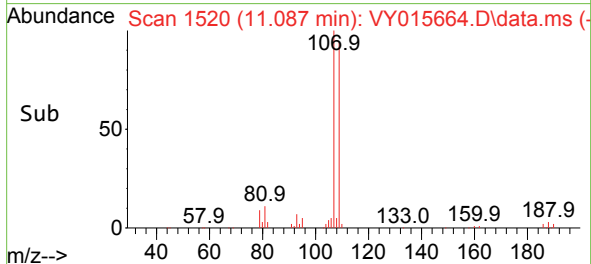
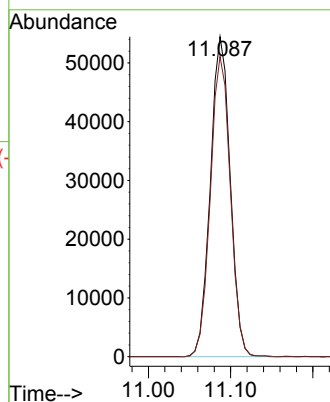
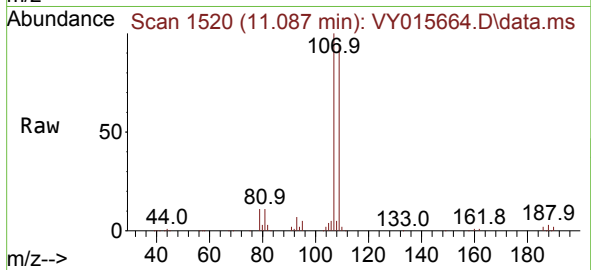




#61
1,2-Dibromoethane
Concen: 57.946 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

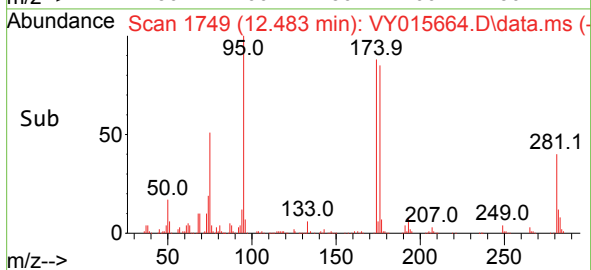
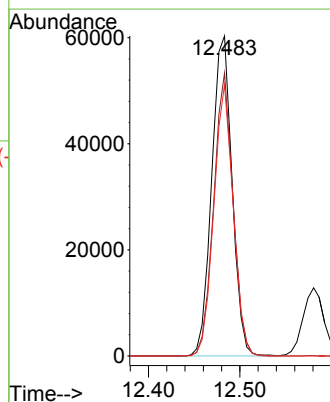
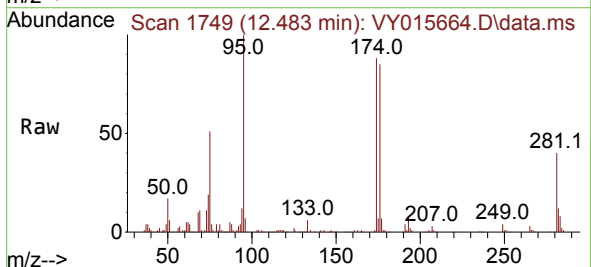
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 91323
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.137 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 95 Resp: 92993
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

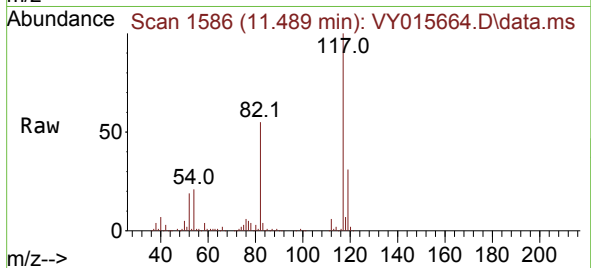
Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :



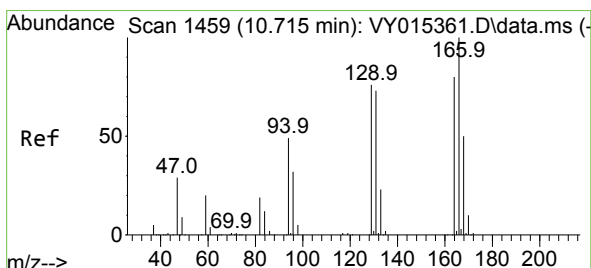
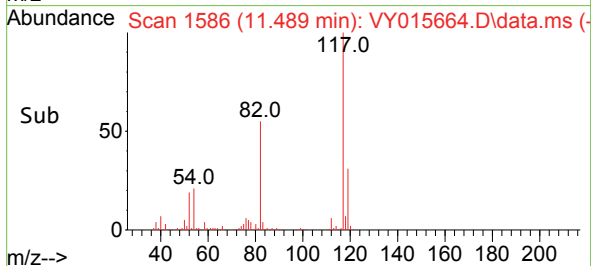
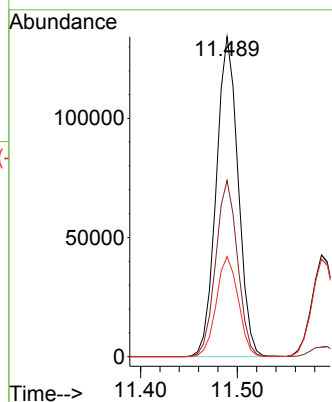
Tgt Ion:117 Resp: 210632

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 31.3 26.3 39.5



#64

Tetrachloroethene

Concen: 58.485 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Tgt Ion:164 Resp: 105692

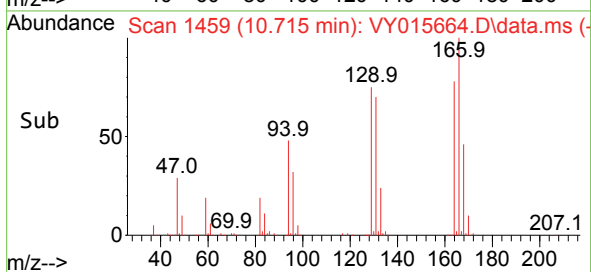
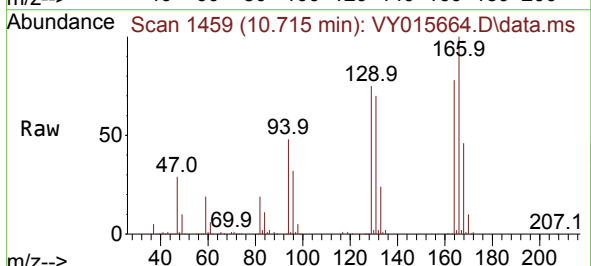
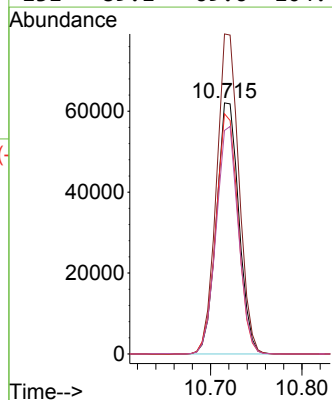
Ion Ratio Lower Upper

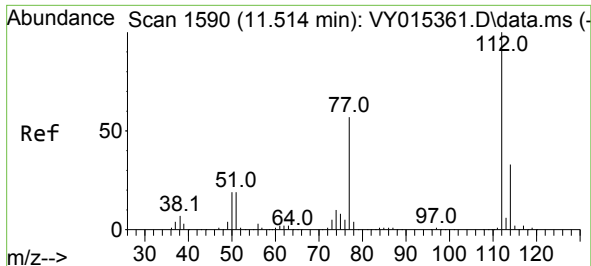
164 100

166 127.5 103.0 154.6

129 95.7 77.2 115.8

131 89.1 69.6 104.4

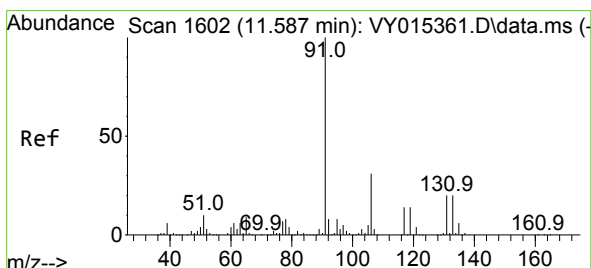
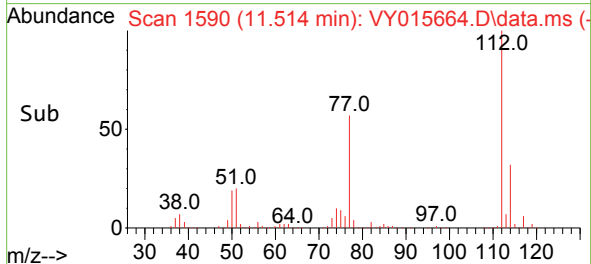
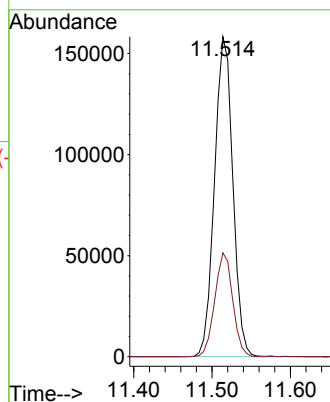
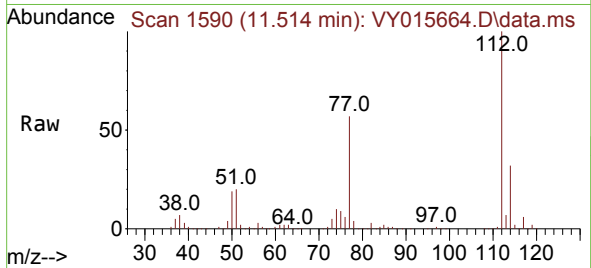




#65
Chlorobenzene
Concen: 55.925 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

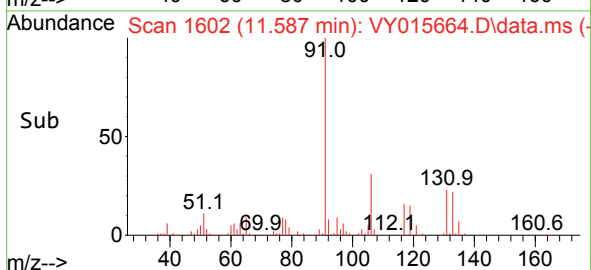
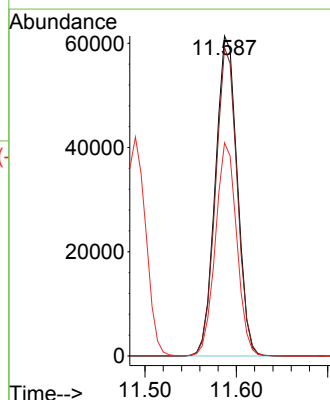
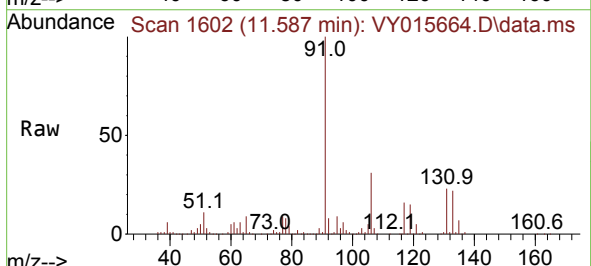
Instrument :
MSVOA_Y
ClientSampleId :

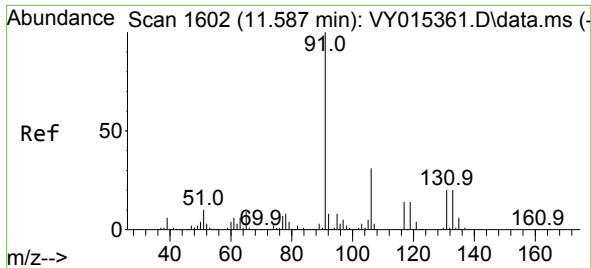
Tgt Ion:112 Resp: 257125
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 56.999 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion:131 Resp: 101795
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 65.2 31.6 94.7

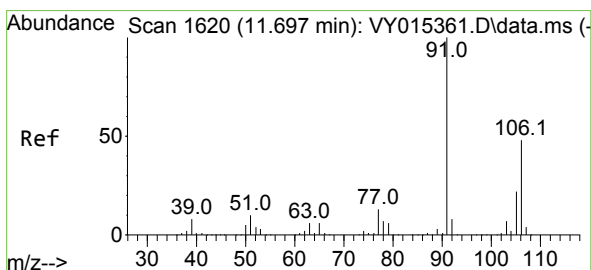
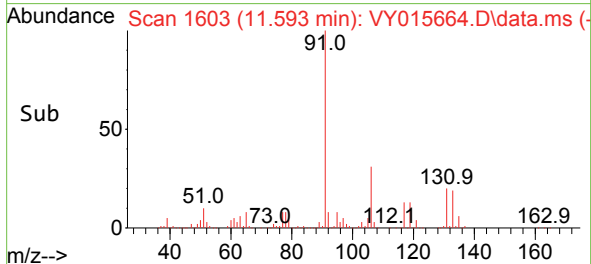
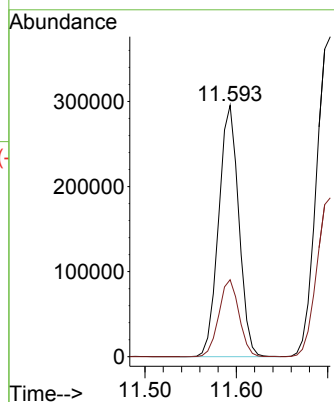
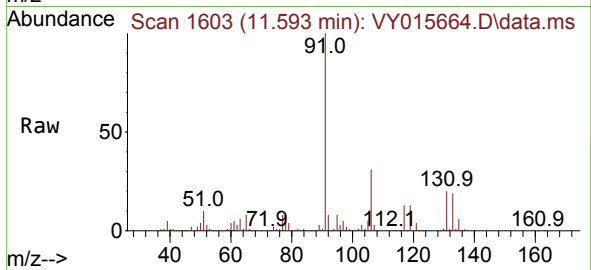




#67
Ethyl Benzene
Concen: 56.273 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

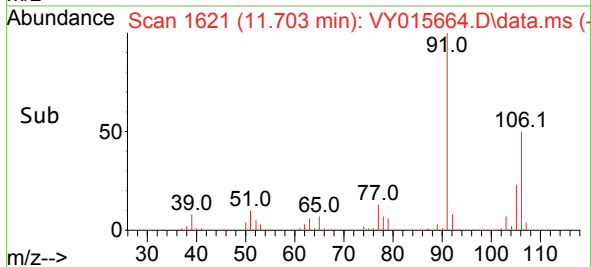
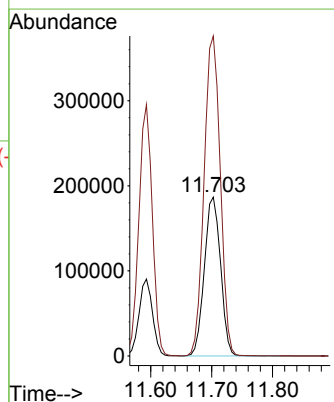
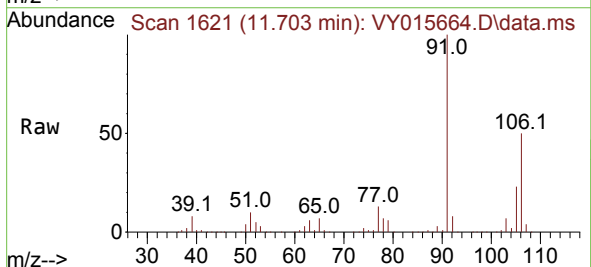
Instrument :
MSVOA_Y
ClientSampleId :

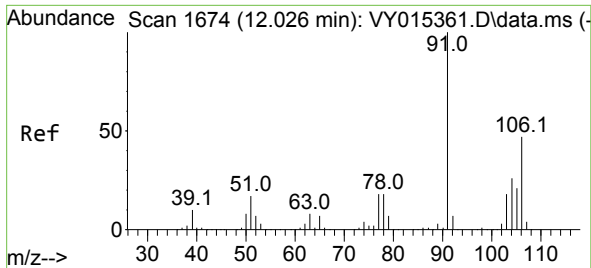
Tgt Ion: 91 Resp: 452220
Ion Ratio Lower Upper
91 100
106 30.6 24.6 36.8



#68
m/p-Xylenes
Concen: 112.938 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion:106 Resp: 344963
Ion Ratio Lower Upper
106 100
91 201.3 166.1 249.1

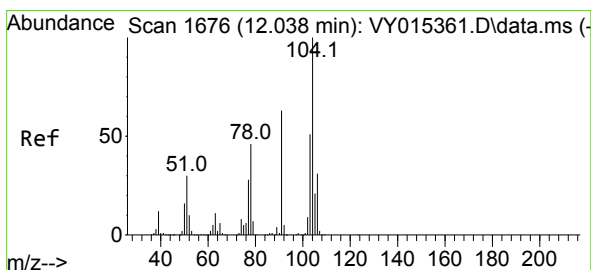
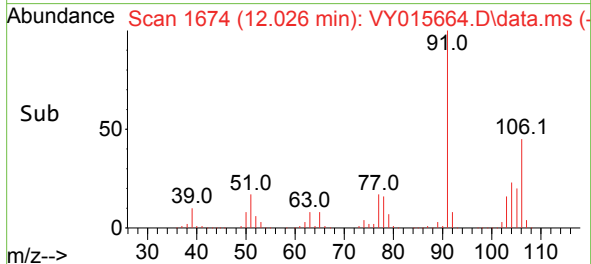
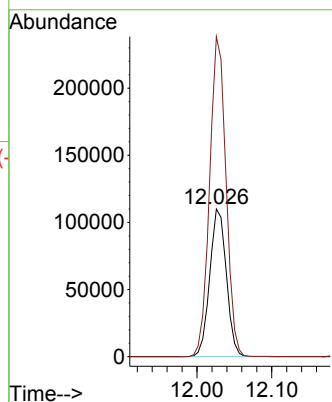
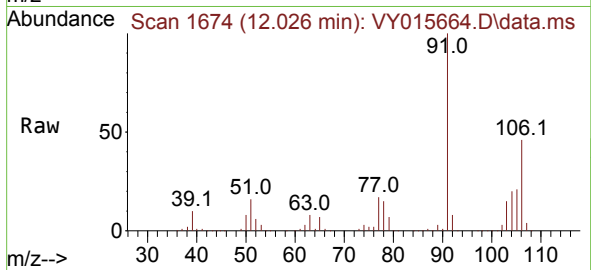




#69
o-Xylene
Concen: 56.530 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

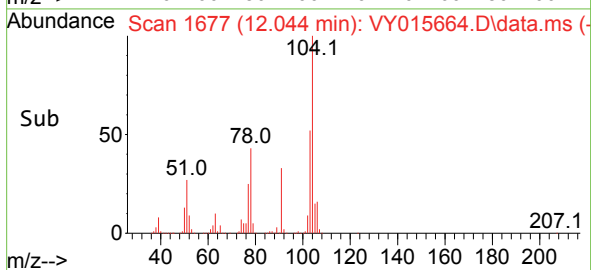
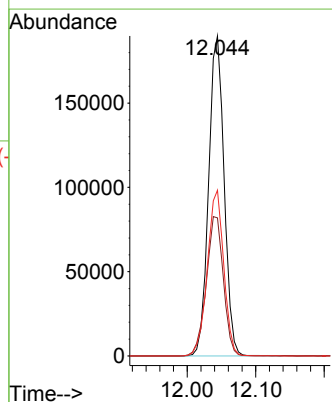
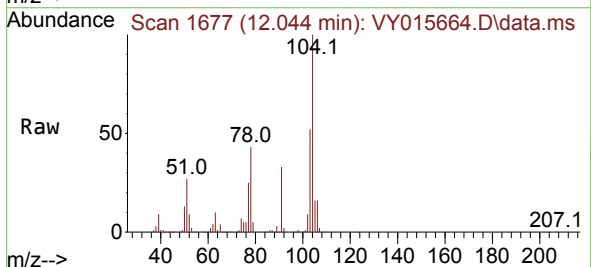
Instrument :
MSVOA_Y
ClientSampleId :

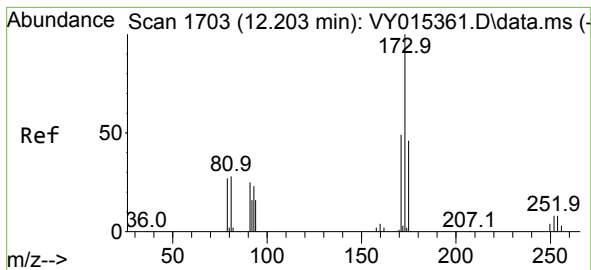
Tgt Ion:106 Resp: 169315
Ion Ratio Lower Upper
106 100
91 214.6 108.1 324.3



#70
Styrene
Concen: 58.216 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion:104 Resp: 298461
Ion Ratio Lower Upper
104 100
78 48.2 41.5 62.3
103 55.0 44.6 67.0





#71

Bromoform

Concen: 60.279 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

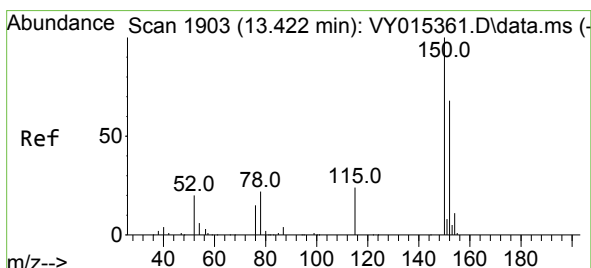
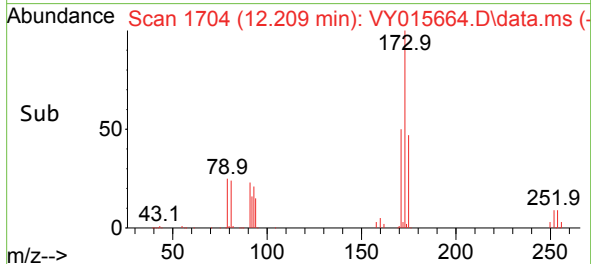
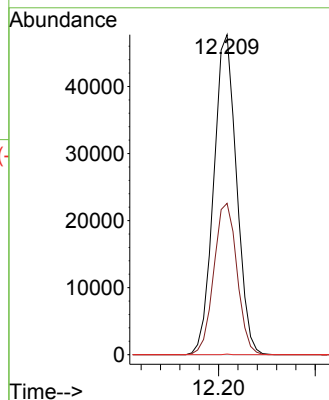
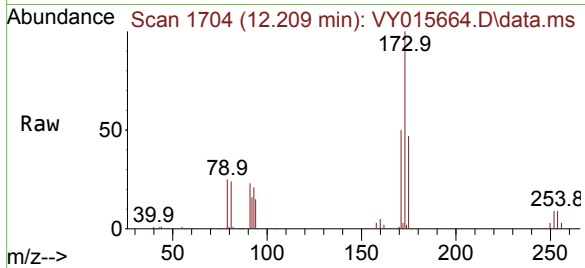
Tgt Ion:173 Resp: 78012

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

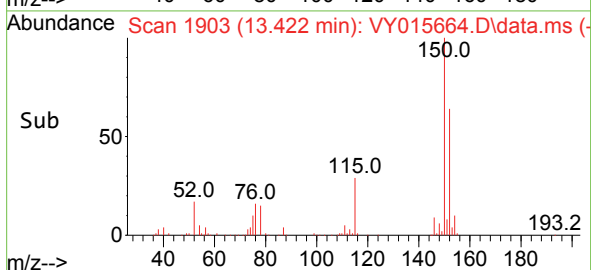
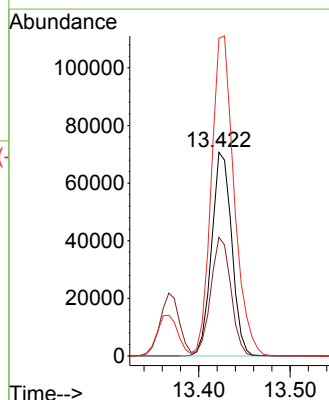
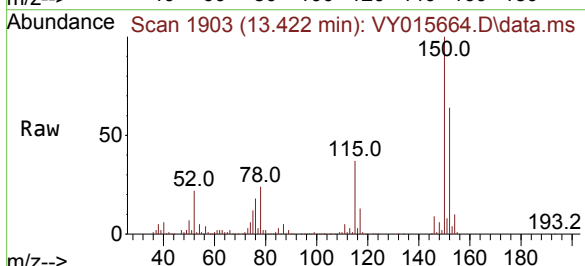
Tgt Ion:152 Resp: 107910

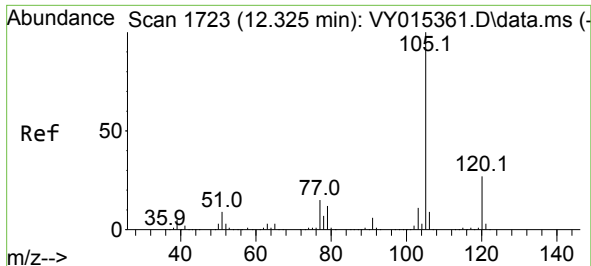
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 178.2 0.0 348.8

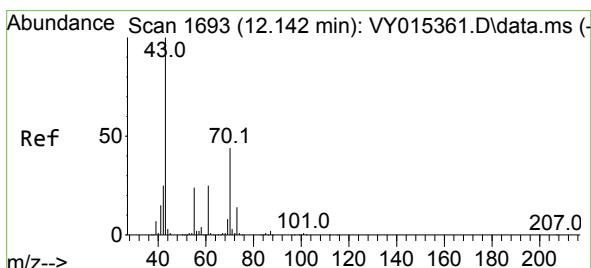
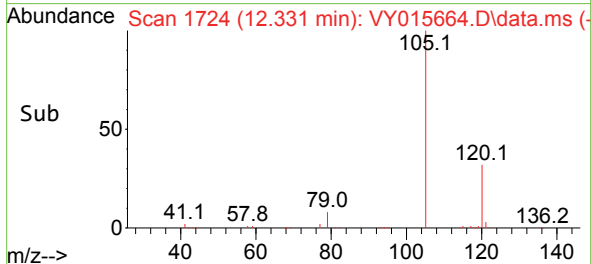
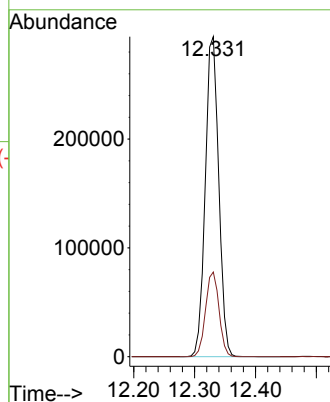
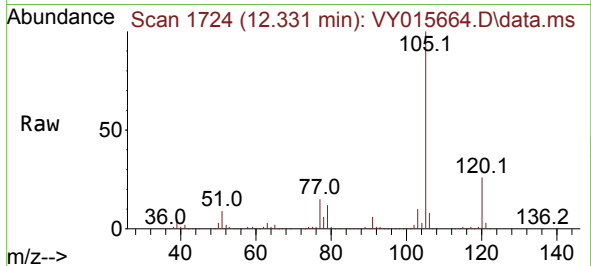




#73
Isopropylbenzene
Concen: 55.681 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

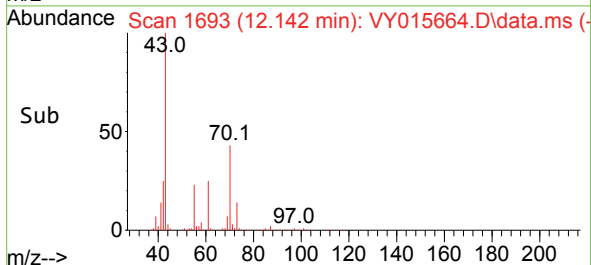
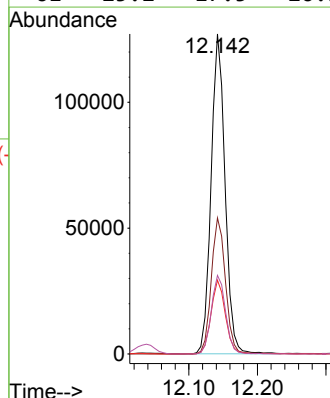
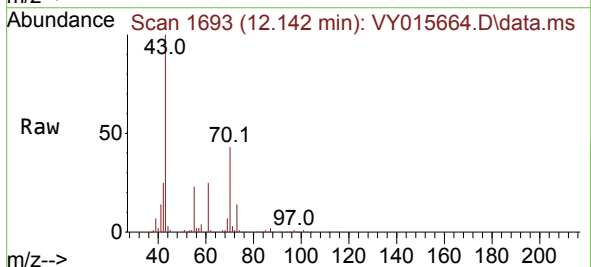
Instrument :
MSVOA_Y
ClientSampleId :

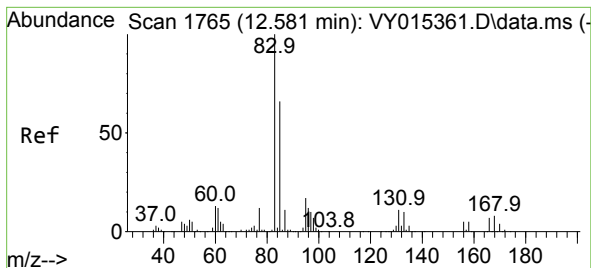
Tgt Ion:105 Resp: 450741
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#74
N-ethyl acetate
Concen: 59.245 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 43 Resp: 180256
Ion Ratio Lower Upper
43 100
70 43.4 29.7 44.5
55 23.7 18.3 27.5
61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 57.265 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

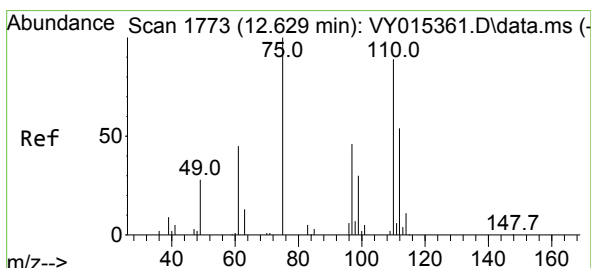
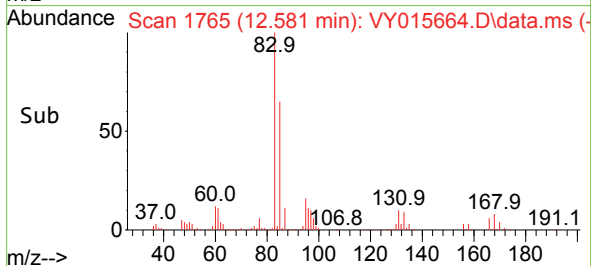
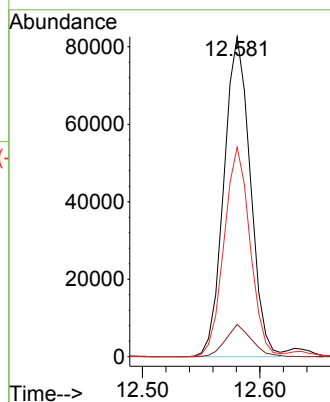
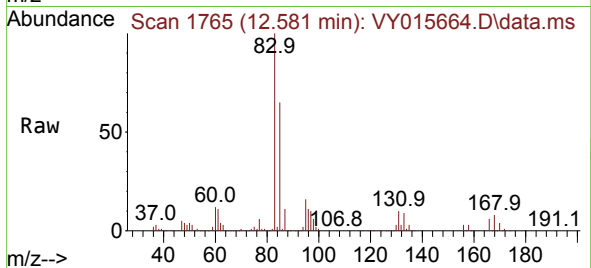
Tgt Ion: 83 Resp: 129014

Ion Ratio Lower Upper

83 100

131 9.9 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 99.903 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015664.D

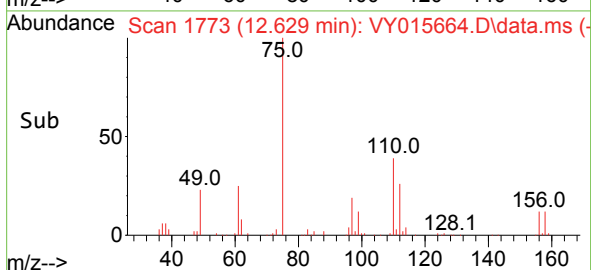
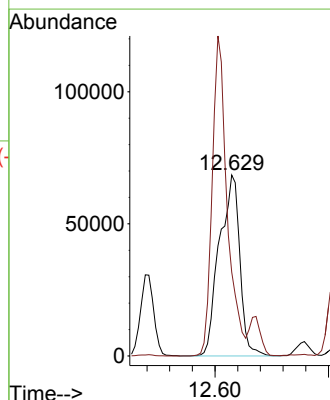
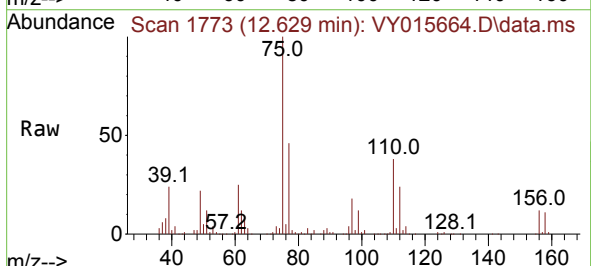
Acq: 20 Sep 2023 17:16

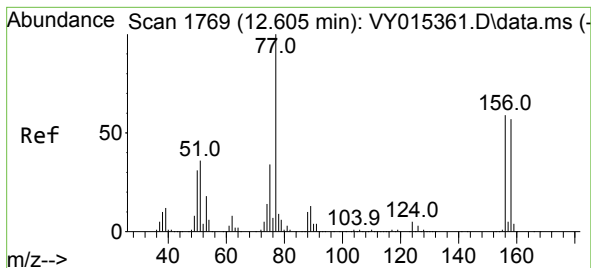
Tgt Ion: 75 Resp: 171986

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.794 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

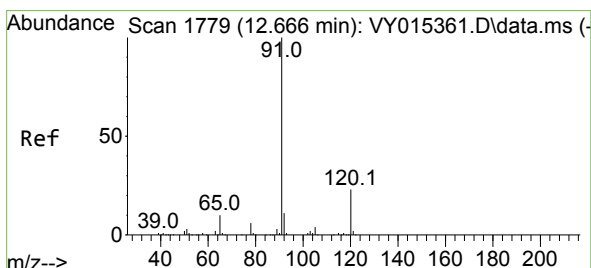
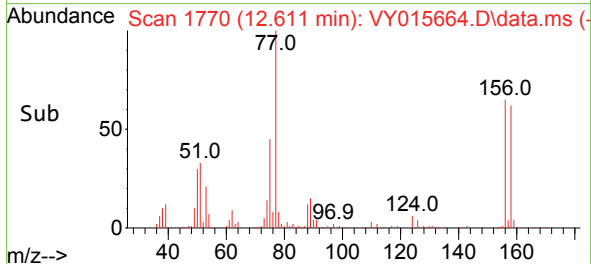
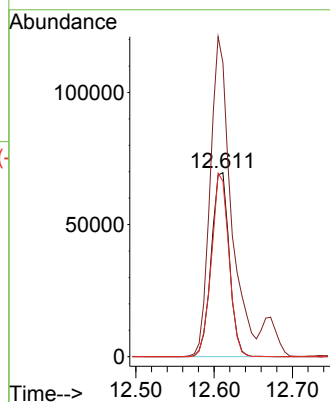
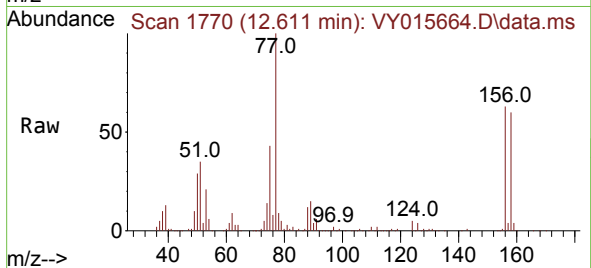
Tgt Ion:156 Resp: 110867

Ion Ratio Lower Upper

156 100

77 201.5 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 55.484 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015664.D

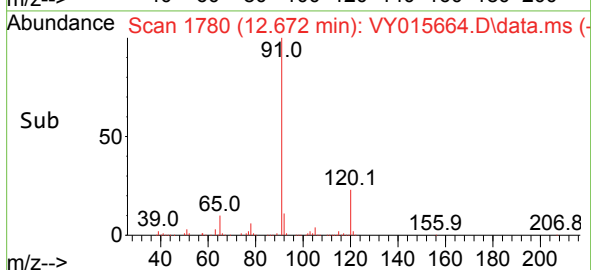
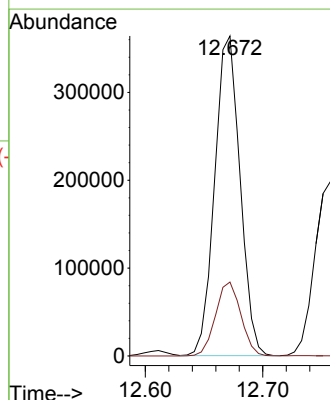
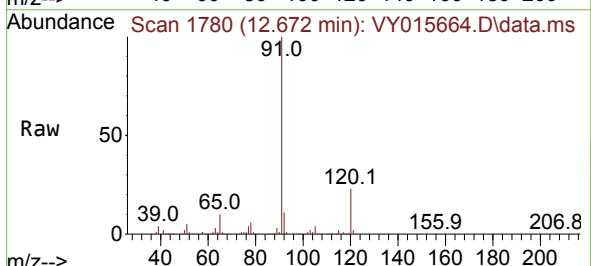
Acq: 20 Sep 2023 17:16

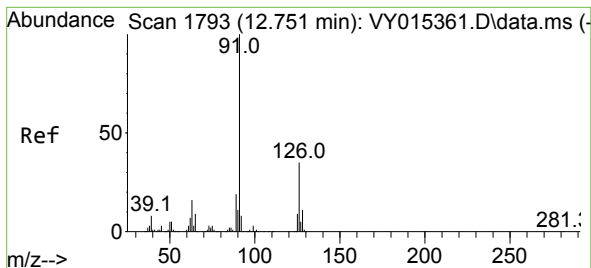
Tgt Ion: 91 Resp: 545651

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

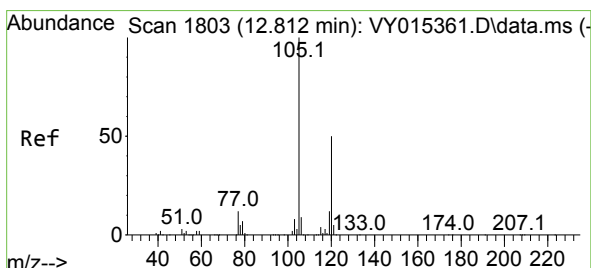
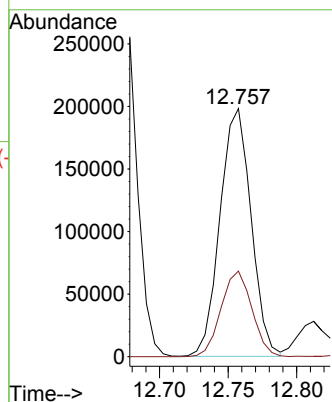
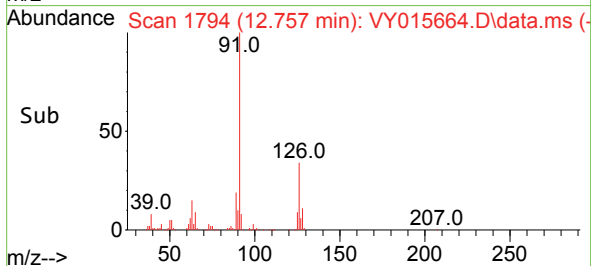
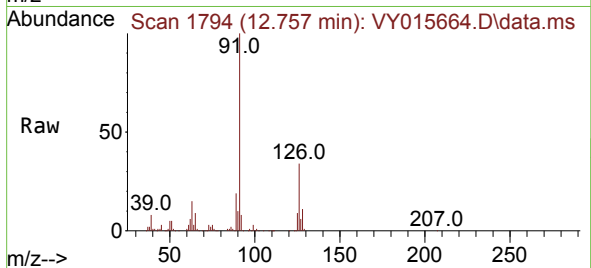




#79
2-Chlorotoluene
Concen: 55.846 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

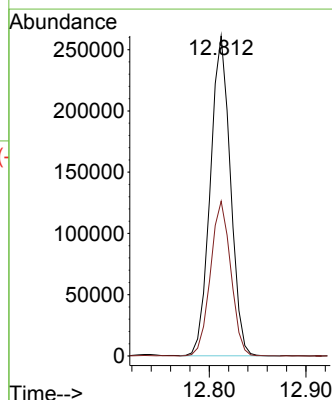
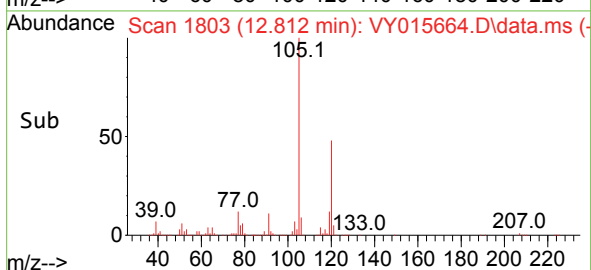
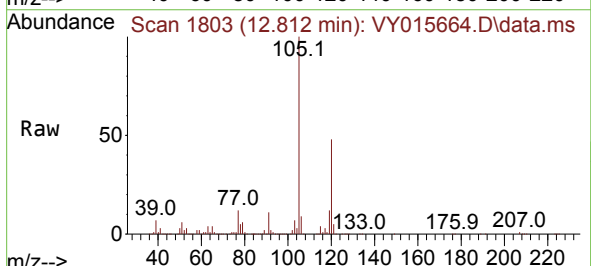
Instrument :
MSVOA_Y
ClientSampleId :

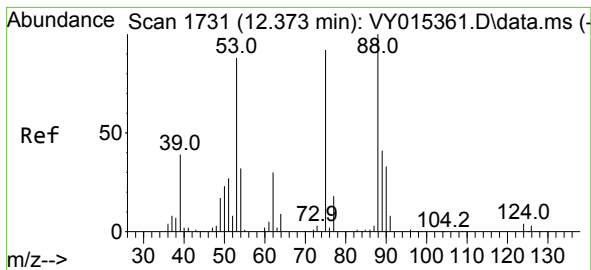
Tgt Ion: 91 Resp: 313063
Ion Ratio Lower Upper
91 100
126 34.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 55.629 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 105 Resp: 376999
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7

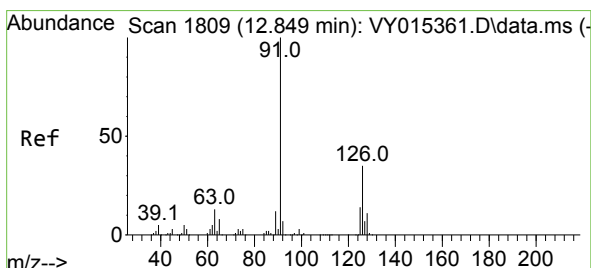
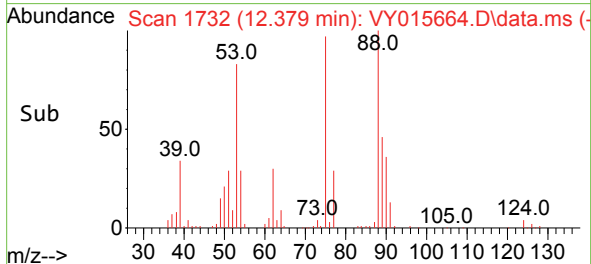
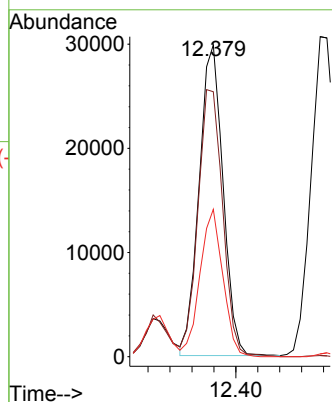
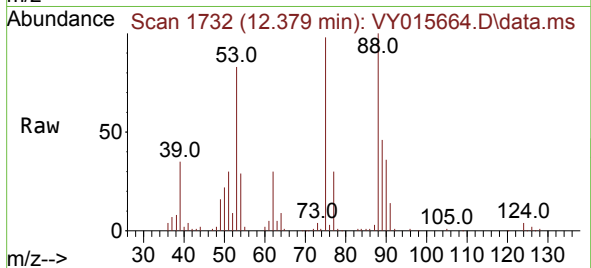




#81
trans-1,4-Dichloro-2-butene
Concen: 58.967 ug/l
RT: 12.379 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

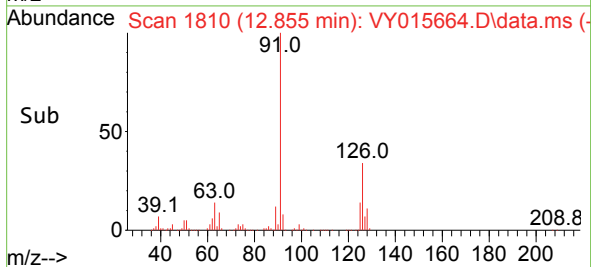
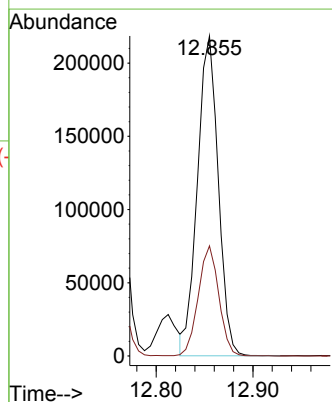
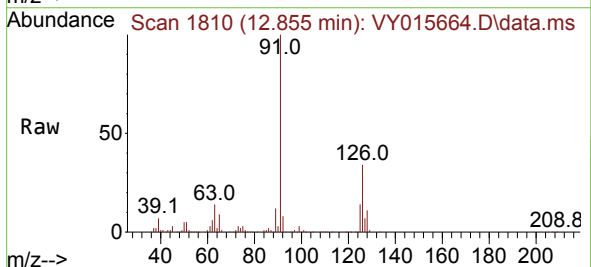
Instrument :
MSVOA_Y
ClientSampleId :

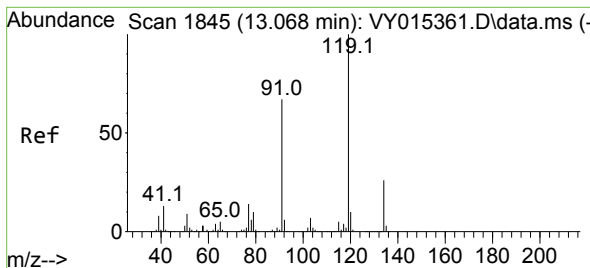
Tgt Ion: 75 Resp: 45079
Ion Ratio Lower Upper
75 100
53 89.1 77.8 116.8
89 45.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 55.873 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion: 91 Resp: 326972
Ion Ratio Lower Upper
91 100
126 34.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 56.149 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.001 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

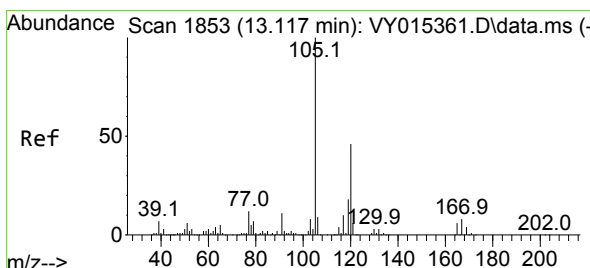
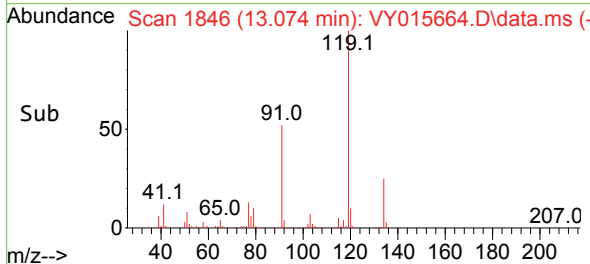
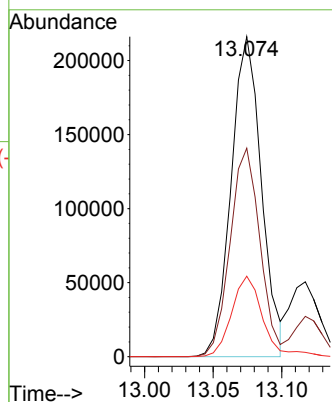
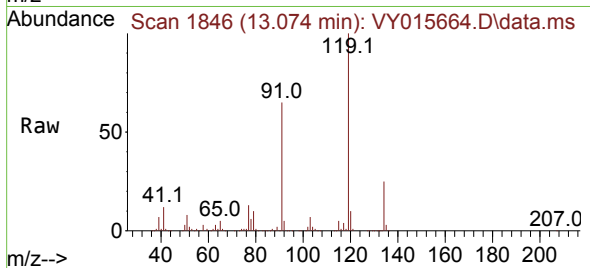
Tgt Ion:119 Resp: 333274

Ion Ratio Lower Upper

119 100

91 64.0 32.9 98.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 56.827 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015664.D

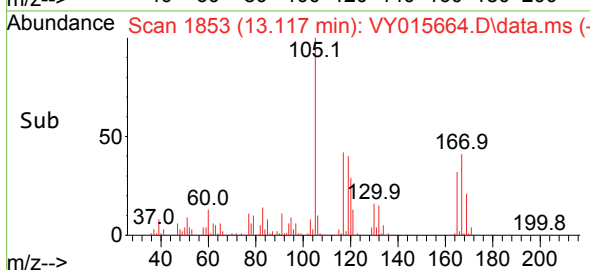
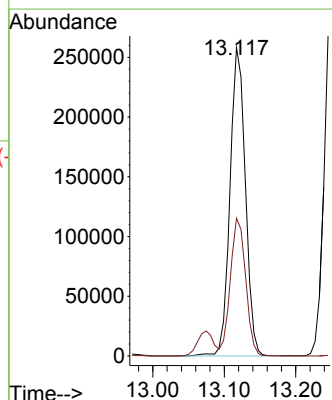
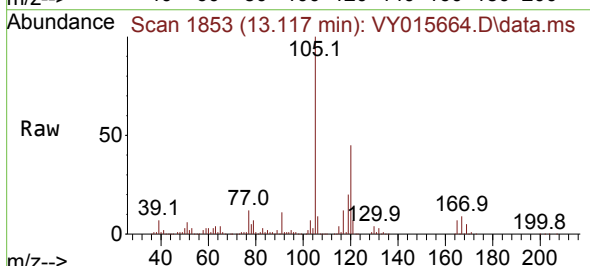
Acq: 20 Sep 2023 17:16

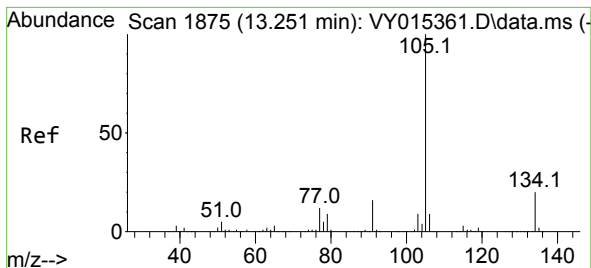
Tgt Ion:105 Resp: 385330

Ion Ratio Lower Upper

105 100

120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 55.419 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

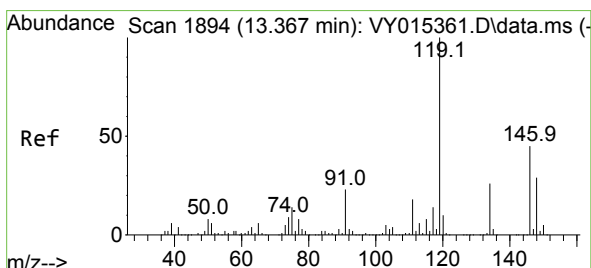
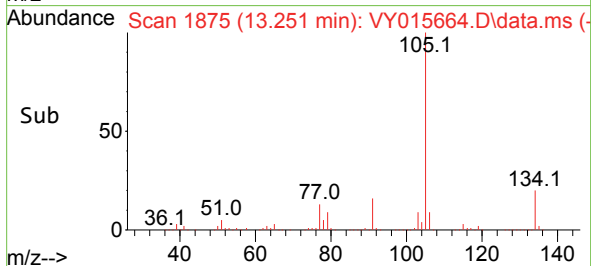
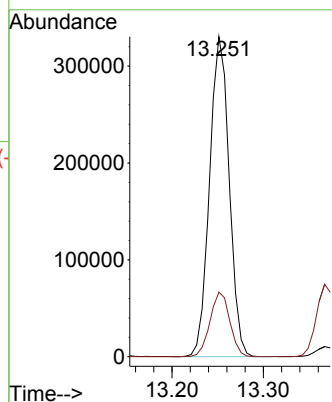
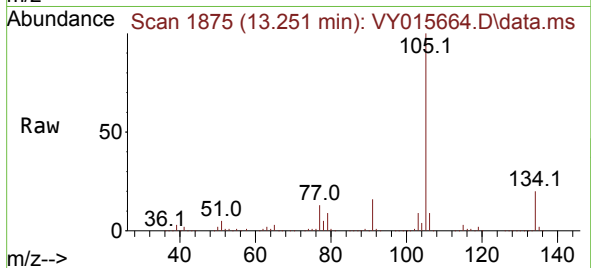
ClientSampleId :

Tgt Ion:105 Resp: 492272

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 55.802 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

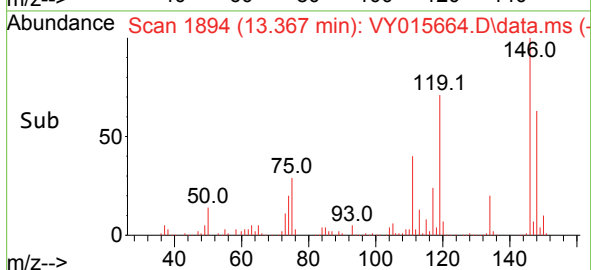
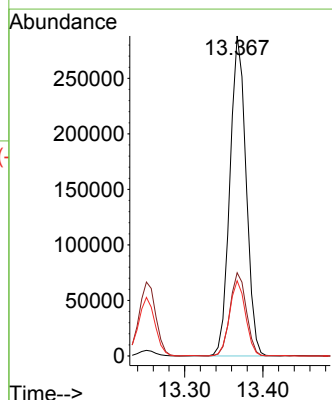
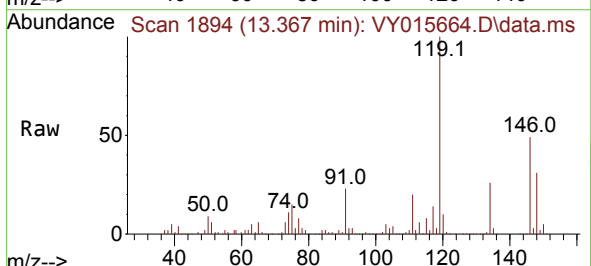
Tgt Ion:119 Resp: 414044

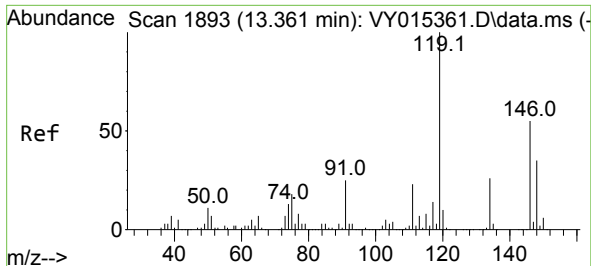
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.1 12.4 37.4

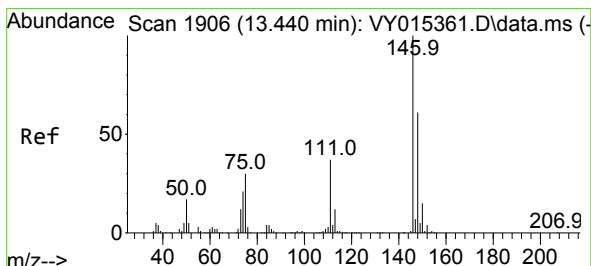
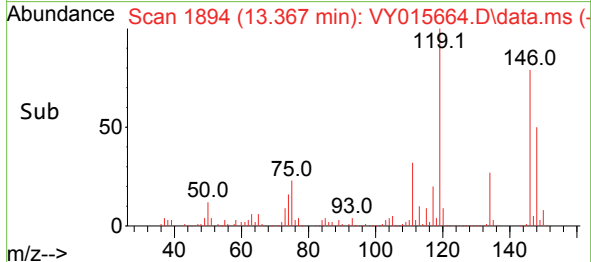
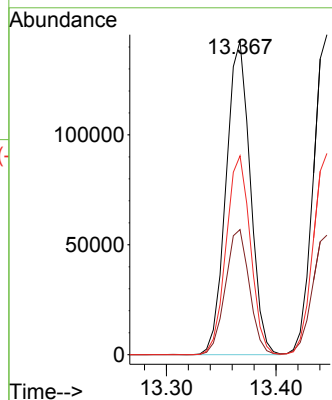
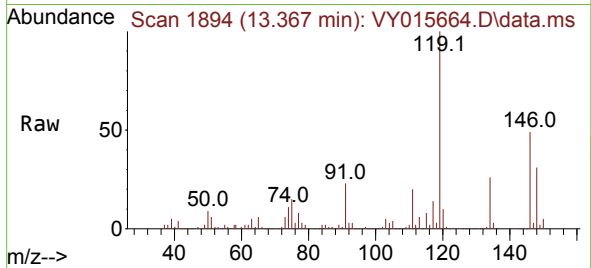




#87
1,3-Dichlorobenzene
Concen: 55.475 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

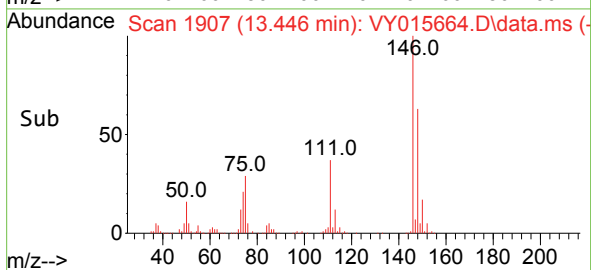
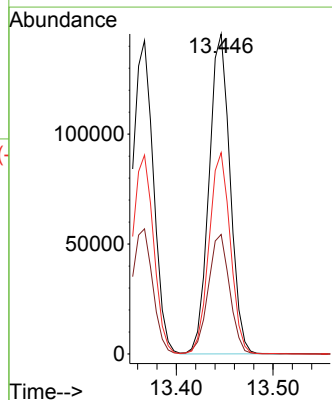
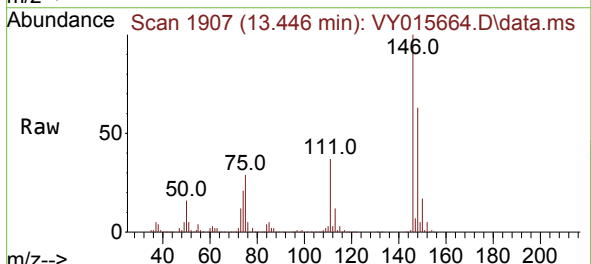
Instrument :
MSVOA_Y
ClientSampleId :

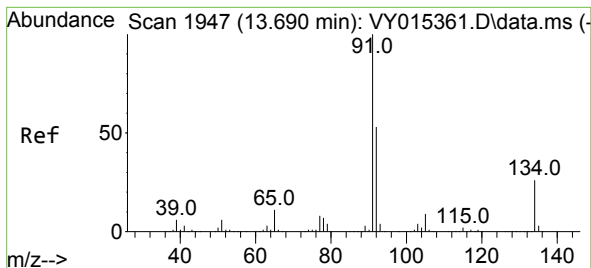
Tgt Ion:146 Resp: 218688
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.2
148 63.7 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 55.790 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015664.D
Acq: 20 Sep 2023 17:16

Tgt Ion:146 Resp: 219959
Ion Ratio Lower Upper
146 100
111 38.1 18.9 56.7
148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 55.131 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

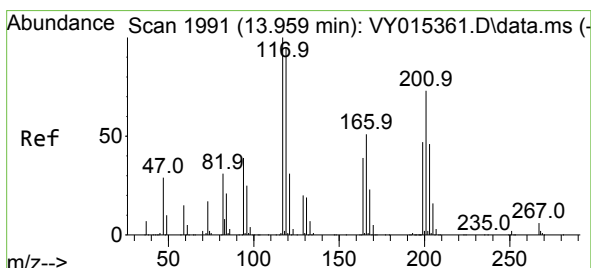
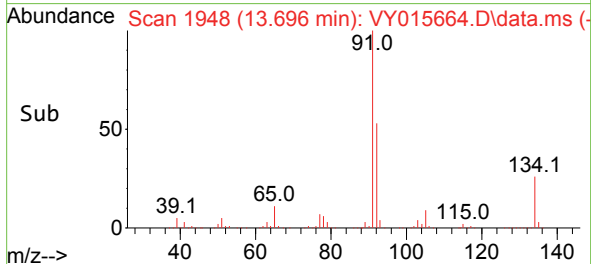
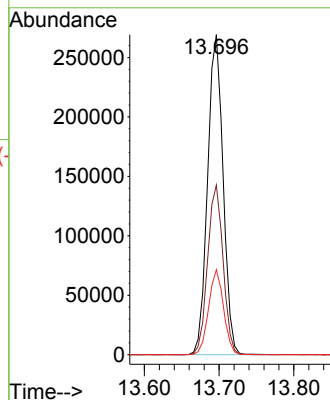
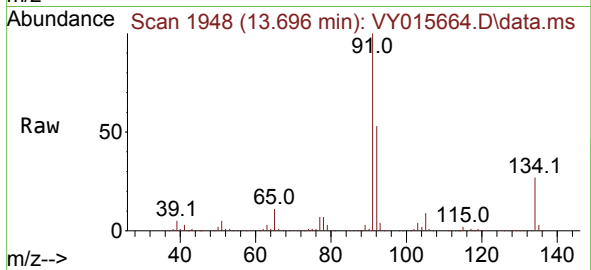
Tgt Ion: 91 Resp: 387358

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 25.7 12.6 37.6



#90

Hexachloroethane

Concen: 55.608 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.001 min

Lab File: VY015664.D

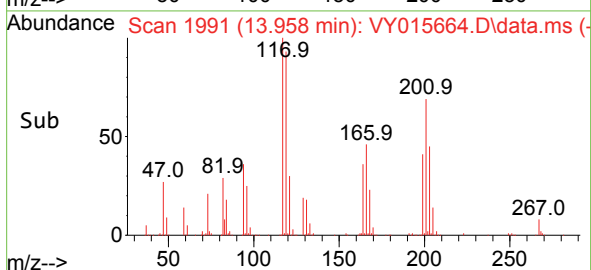
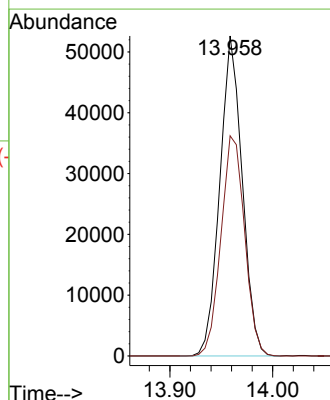
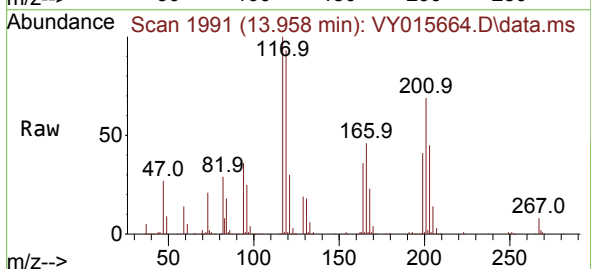
Acq: 20 Sep 2023 17:16

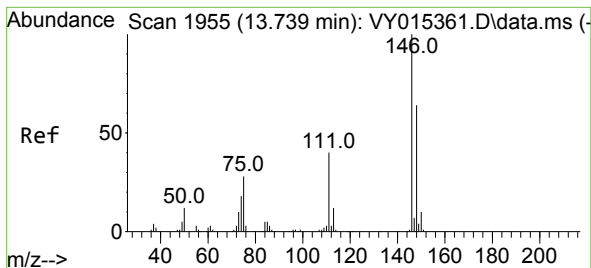
Tgt Ion: 117 Resp: 79631

Ion Ratio Lower Upper

117 100

201 72.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 56.030 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

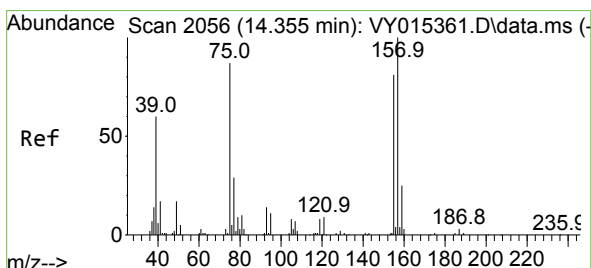
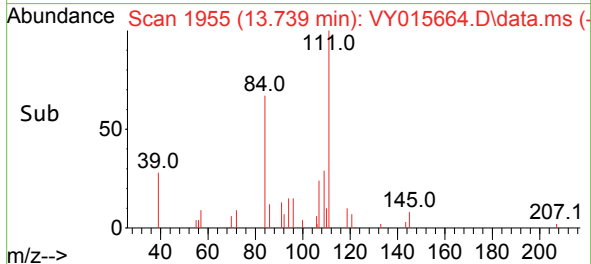
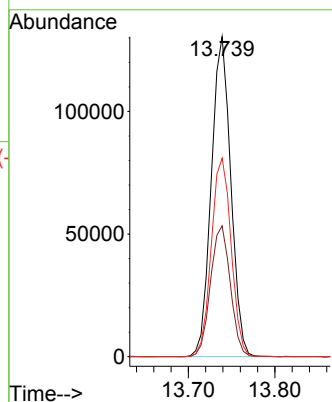
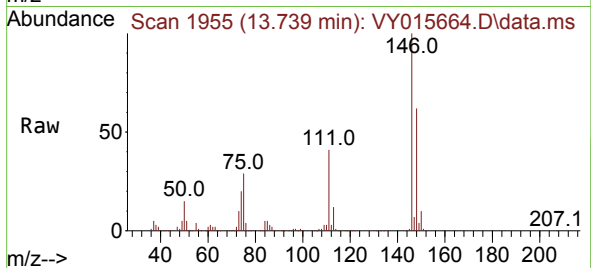
Tgt Ion:146 Resp: 203896

Ion Ratio Lower Upper

146 100

111 41.6 19.7 59.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.365 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

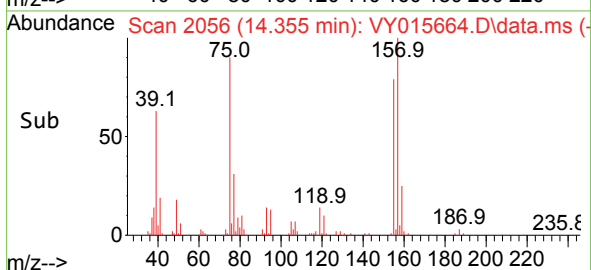
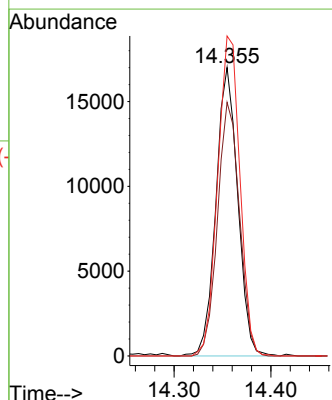
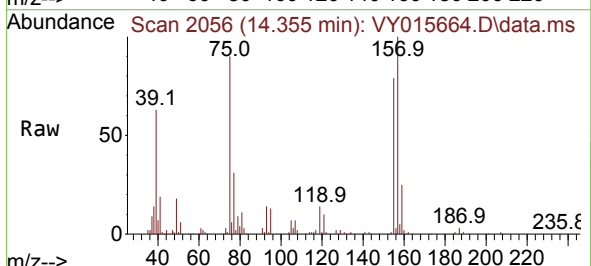
Tgt Ion: 75 Resp: 26563

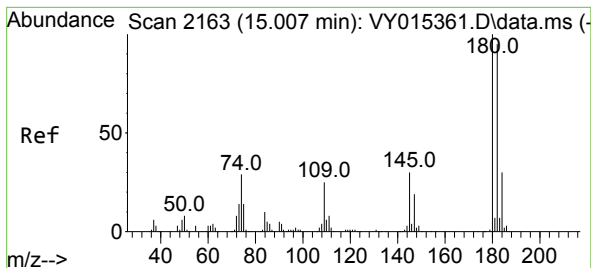
Ion Ratio Lower Upper

75 100

155 88.5 41.5 124.6

157 113.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 54.937 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

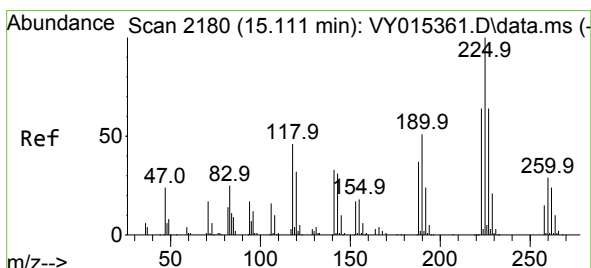
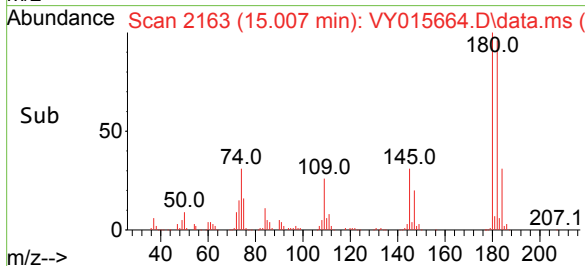
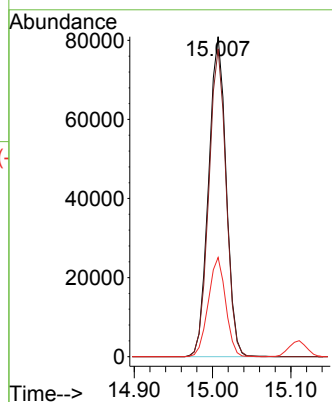
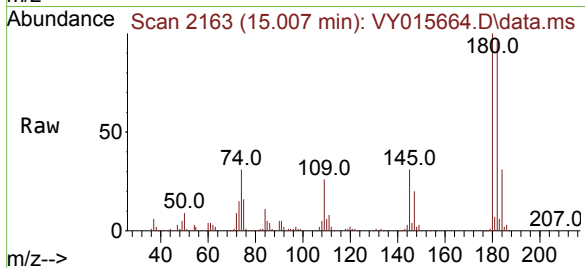
Tgt Ion:180 Resp: 125857

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.511 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

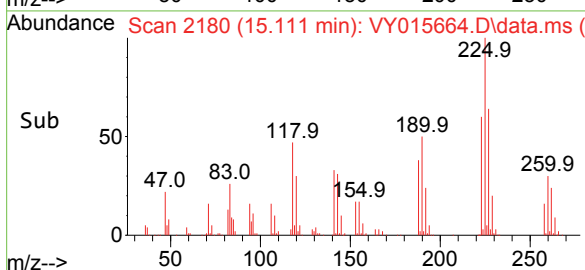
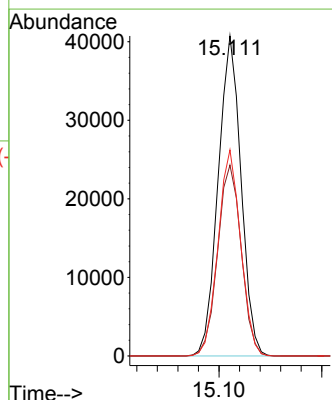
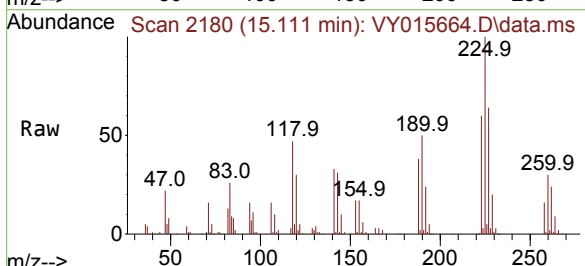
Tgt Ion:225 Resp: 62779

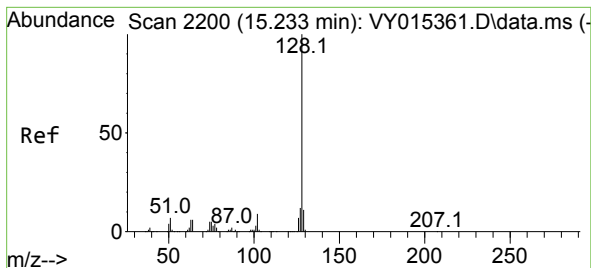
Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 58.795 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Instrument :

MSVOA_Y

ClientSampleId :

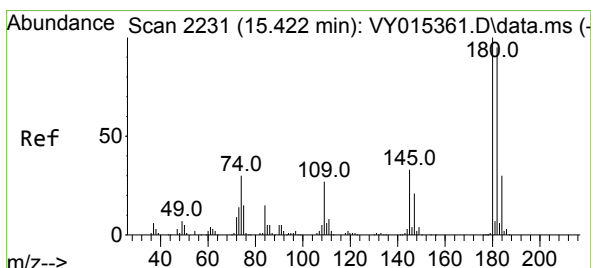
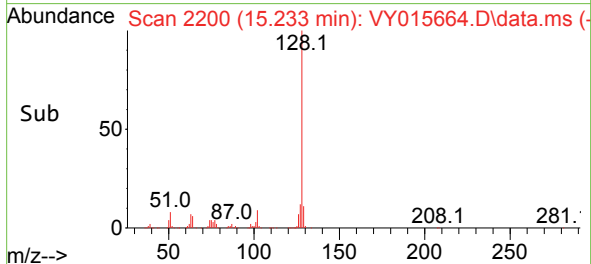
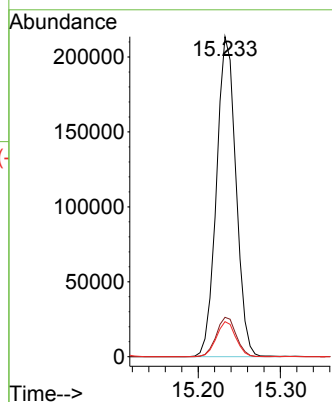
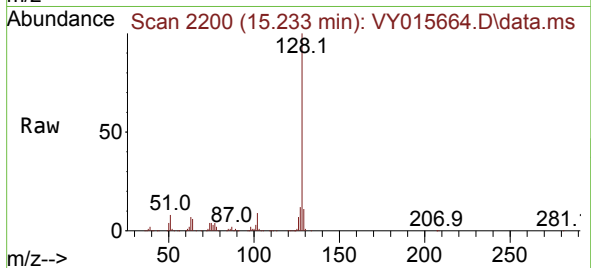
Tgt Ion:128 Resp: 351223

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.323 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015664.D

Acq: 20 Sep 2023 17:16

Tgt Ion:180 Resp: 116982

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 32.5 15.4 46.2

