

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015886.D
 Acq On : 10 Oct 2023 09:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:15:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	198241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	300503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149710	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88244	49.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.940%
35) Dibromofluoromethane	7.728	113	90875	48.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.185	98	307434	50.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.483	95	117827	47.248	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	37818	47.694	ug/l	100
3) Chloromethane	2.125	50	43483	53.613	ug/l	99
4) Vinyl Chloride	2.259	62	53330	51.556	ug/l	94
5) Bromomethane	2.662	94	44027	51.906	ug/l	98
6) Chloroethane	2.808	64	41838	51.507	ug/l	92
7) Trichlorofluoromethane	3.137	101	105902	48.249	ug/l	100
8) Diethyl Ether	3.540	74	45074	48.540	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.912	101	71410	47.939	ug/l	95
10) Methyl Iodide	4.107	142	72260	48.340	ug/l	97
11) Tert butyl alcohol	4.966	59	58831	137.788	ug/l #	84
12) 1,1-Dichloroethene	3.887	96	58338	50.915	ug/l	91
13) Acrolein	3.747	56	21993	201.728	ug/l	100
14) Allyl chloride	4.491	41	108991	51.592	ug/l	91
15) Acrylonitrile	5.174	53	139012	217.701	ug/l	98
16) Acetone	3.960	43	169464	213.694	ug/l	90
17) Carbon Disulfide	4.210	76	87330	50.935	ug/l	97
18) Methyl Acetate	4.497	43	111138	45.959	ug/l	92
19) Methyl tert-butyl Ether	5.234	73	245253	47.235	ug/l	100
20) Methylene Chloride	4.728	84	93189	50.332	ug/l	91
21) trans-1,2-Dichloroethene	5.234	96	69066	51.947	ug/l	93
22) Diisopropyl ether	6.137	45	285017	50.441	ug/l	88
23) Vinyl Acetate	6.076	43	734698	236.455	ug/l #	94
24) 1,1-Dichloroethane	6.033	63	155818	50.060	ug/l	96
25) 2-Butanone	6.996	43	213397	218.084	ug/l	92
26) 2,2-Dichloropropane	6.990	77	138750	47.933	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	101379	51.663	ug/l	92
28) Bromochloromethane	7.344	49	91750	51.145	ug/l	93
29) Tetrahydrofuran	7.356	42	114699	214.273	ug/l	92
30) Chloroform	7.515	83	174342	50.217	ug/l	96
31) Cyclohexane	7.795	56	85481	44.745	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	139317	49.137	ug/l	98
36) 1,1-Dichloropropene	7.929	75	101638	49.261	ug/l	99
37) Ethyl Acetate	7.082	43	76423	43.128	ug/l #	96
38) Carbon Tetrachloride	7.911	117	116410	46.980	ug/l	99
39) Methylcyclohexane	9.191	83	99480	47.467	ug/l	94
40) Benzene	8.167	78	323412	49.878	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	42462	38.526	ug/l	93
42) 1,2-Dichloroethane	8.246	62	106839	48.337	ug/l	93
43) Isopropyl Acetate	8.277	43	142494	43.442	ug/l	94
44) Trichloroethene	8.947	130	93313	49.733	ug/l	99
45) 1,2-Dichloropropane	9.222	63	95800	49.121	ug/l	99
46) Dibromomethane	9.313	93	55675	47.970	ug/l	96
47) Bromodichloromethane	9.502	83	140754	48.763	ug/l	98
48) Methyl methacrylate	9.295	41	66023	45.579	ug/l	88
49) 1,4-Dioxane	9.301	88	16401	812.924	ug/l #	59
51) 4-Methyl-2-Pentanone	10.075	43	414012	210.969	ug/l	91
52) Toluene	10.252	92	211966	49.248	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	140569	48.171	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	154448	48.725	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	84771	45.871	ug/l	96
56) Ethyl methacrylate	10.514	69	116297	46.353	ug/l #	84
57) 1,3-Dichloropropane	10.794	76	139775	46.912	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	375983	245.867	ug/l	95
59) 2-Hexanone	10.837	43	323422	217.840	ug/l	89
60) Dibromochloromethane	10.990	129	103635	46.778	ug/l	99
61) 1,2-Dibromoethane	11.093	107	77252	45.770	ug/l	99
64) Tetrachloroethene	10.727	164	93153	47.500	ug/l	97
65) Chlorobenzene	11.520	112	251599	48.000	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	103055	48.103	ug/l	98
67) Ethyl Benzene	11.599	91	433033	48.156	ug/l	99
68) m/p-Xylenes	11.709	106	331210	97.747	ug/l	95
69) o-Xylene	12.032	106	165121	48.704	ug/l	98
70) Styrene	12.050	104	290488	49.109	ug/l	96
71) Bromoform	12.215	173	68354	45.817	ug/l #	98
73) Isopropylbenzene	12.331	105	446943	47.326	ug/l	100
74) N-amyl acetate	12.148	43	131702	44.252	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	104942	42.855	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	134524	76.973	ug/l #	100
77) Bromobenzene	12.611	156	108088	46.677	ug/l	99
78) n-propylbenzene	12.672	91	538568	47.422	ug/l	99
79) 2-Chlorotoluene	12.764	91	310480	47.993	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	378505	48.629	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	34971	44.372	ug/l	92
82) 4-Chlorotoluene	12.861	91	325131	48.228	ug/l	100
83) tert-Butylbenzene	13.081	119	342794	47.190	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	378255	48.258	ug/l	98
85) sec-Butylbenzene	13.257	105	507836	47.670	ug/l	100
86) p-Isopropyltoluene	13.373	119	424898	48.214	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	218880	46.949	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	219813	46.820	ug/l	99
89) n-Butylbenzene	13.702	91	404004	48.444	ug/l	97
90) Hexachloroethane	13.965	117	84351	47.694	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	202206	46.660	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17945	41.728	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	128359	46.216	ug/l	99
94) Hexachlorobutadiene	15.117	225	70985	47.730	ug/l	98
95) Naphthalene	15.239	128	279578	43.514	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	115104	46.590	ug/l	99

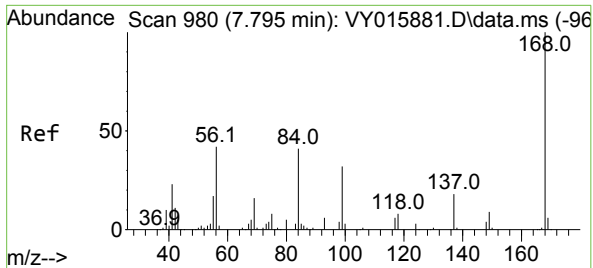
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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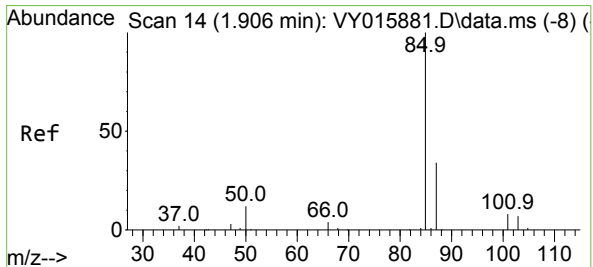
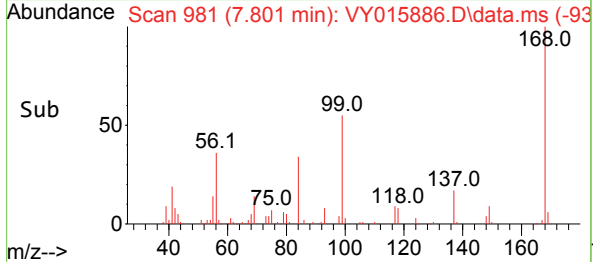
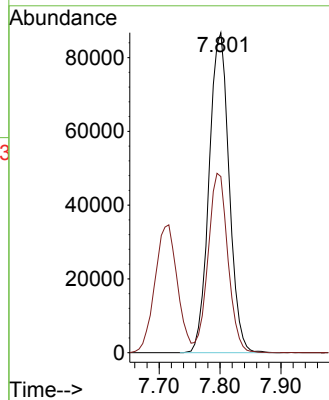
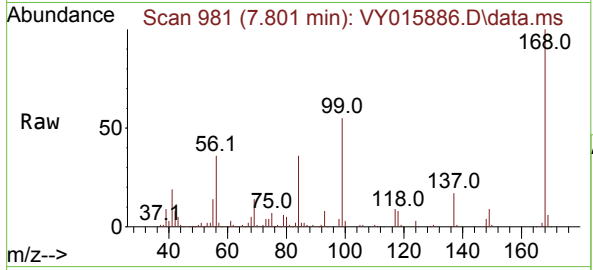
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

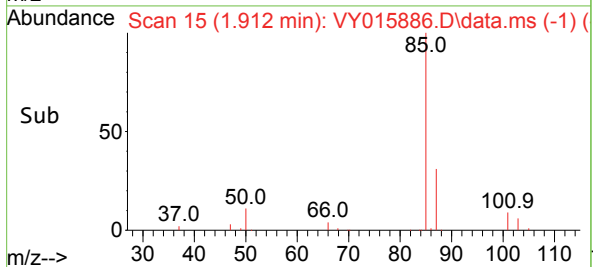
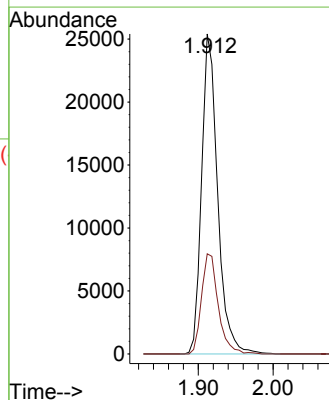
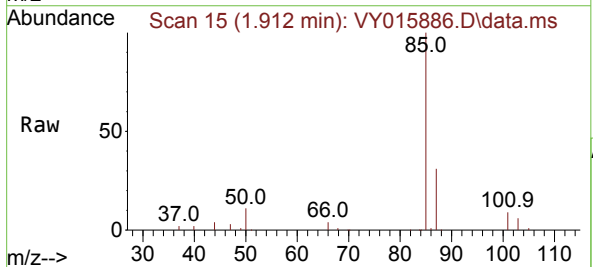
Instrument :
MSVOA_Y
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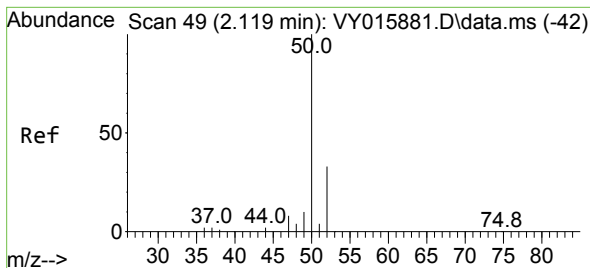
Tgt Ion:168 Resp: 198241
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.694 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion: 85 Resp: 37818
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.8





#3

Chloromethane

Concen: 53.613 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

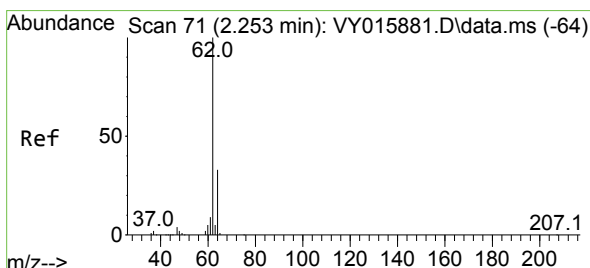
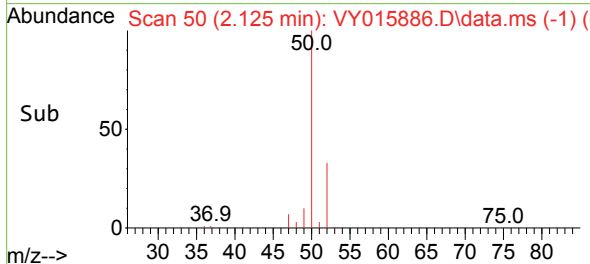
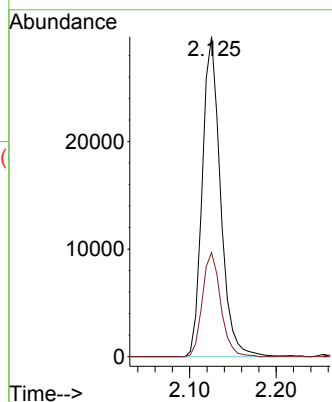
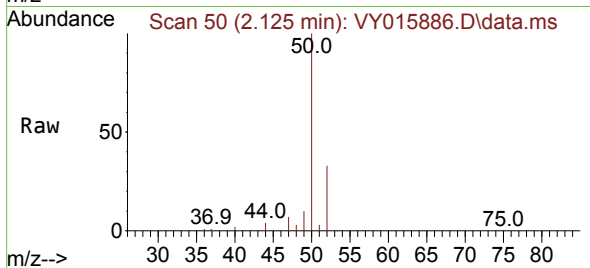
ClientSampleId :

Tgt Ion: 50 Resp: 43483

Ion Ratio Lower Upper

50 100

52 32.5 25.4 38.2



#4

Vinyl Chloride

Concen: 51.556 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY015886.D

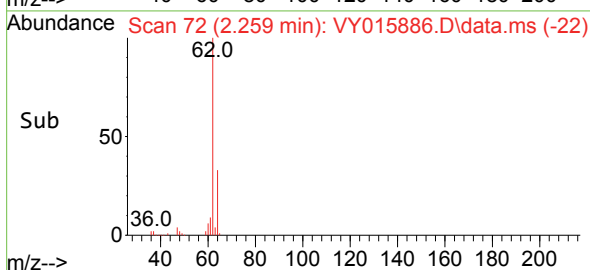
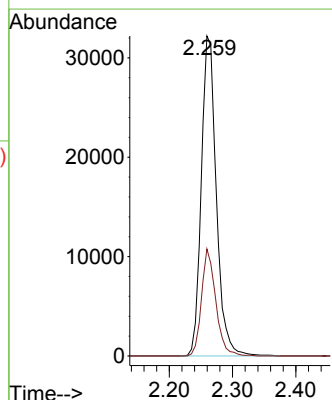
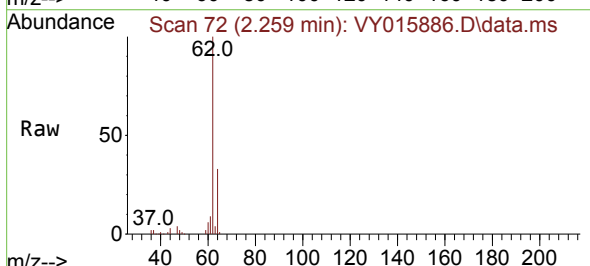
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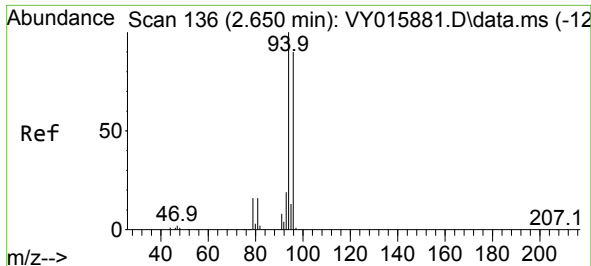
Tgt Ion: 62 Resp: 53330

Ion Ratio Lower Upper

62 100

64 33.4 24.3 36.5





#5

Bromomethane

Concen: 51.906 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.012 min

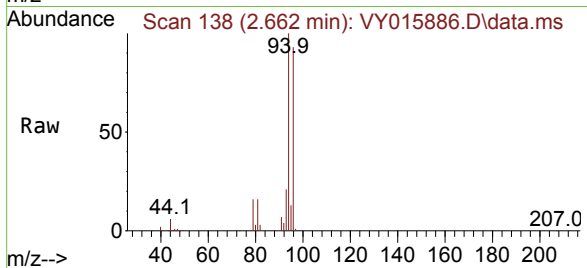
Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

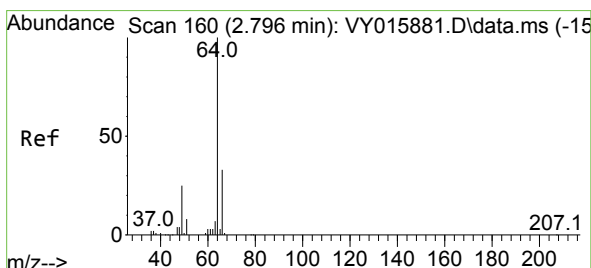
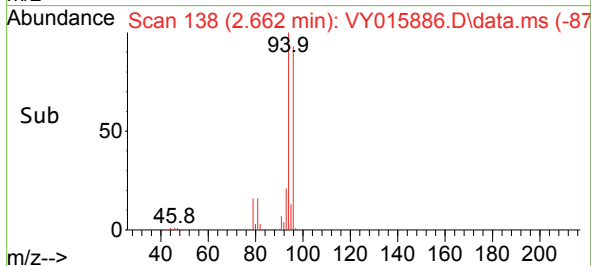
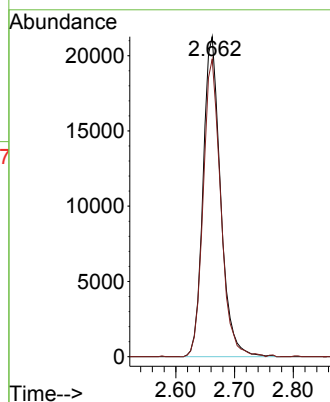


Tgt Ion: 94 Resp: 44027

Ion Ratio Lower Upper

94 100

96 93.0 75.8 113.6



#6

Chloroethane

Concen: 51.507 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.012 min

Lab File: VY015886.D

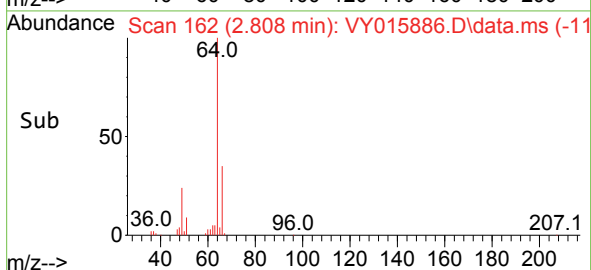
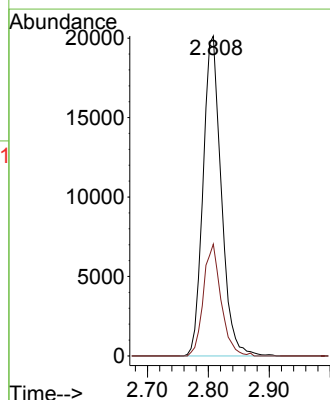
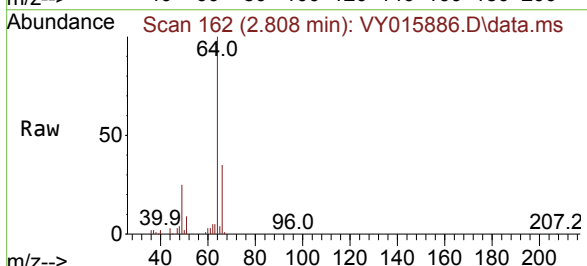
Acq: 10 Oct 2023 09:42

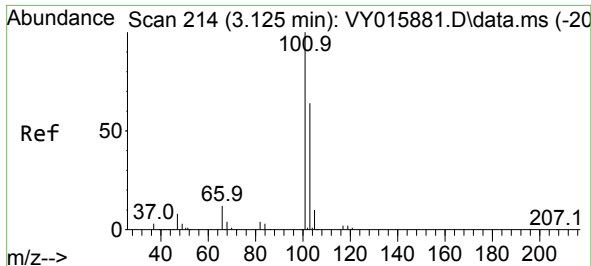
Tgt Ion: 64 Resp: 41838

Ion Ratio Lower Upper

64 100

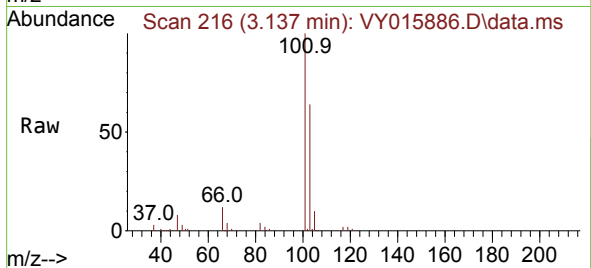
66 35.0 24.4 36.6



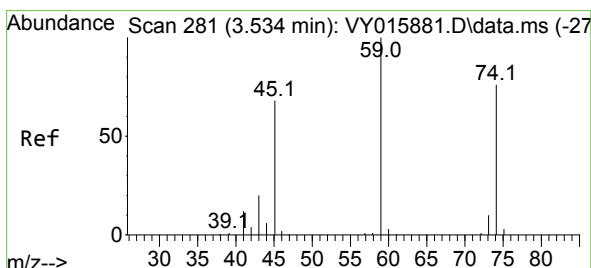
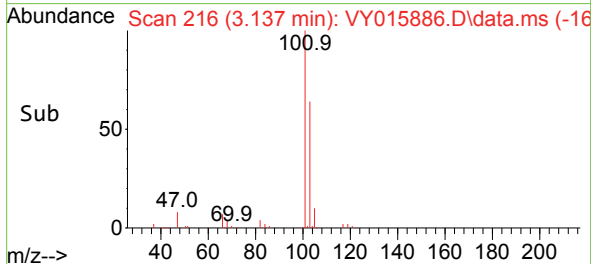
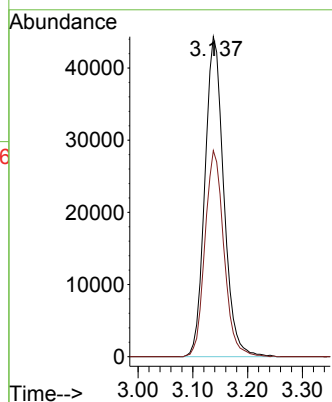


#7
Trichlorofluoromethane
Concen: 48.249 ug/l
RT: 3.137 min Scan# 214
Delta R.T. 0.012 min
Lab File: VY015886.D
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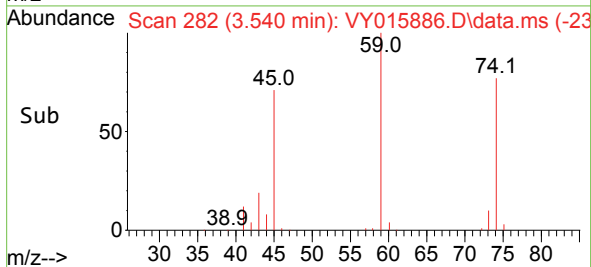
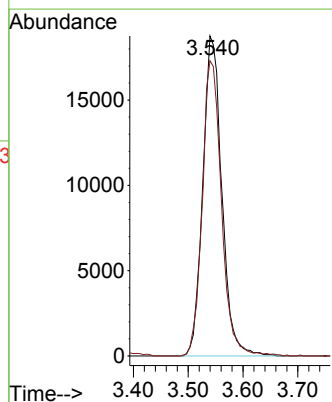
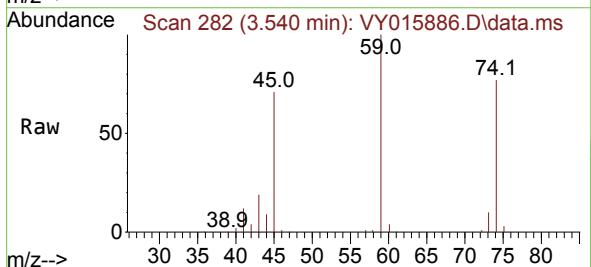


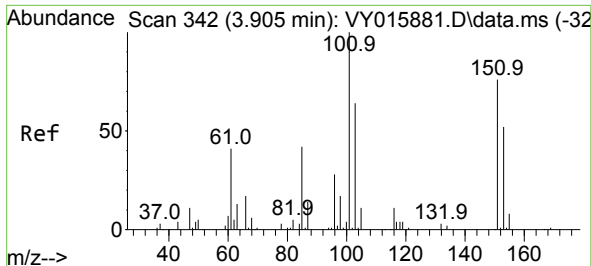
Tgt Ion:101 Resp: 105902
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0



#8
Diethyl Ether
Concen: 48.540 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion: 74 Resp: 45074
Ion Ratio Lower Upper
74 100
45 93.4 51.5 154.5

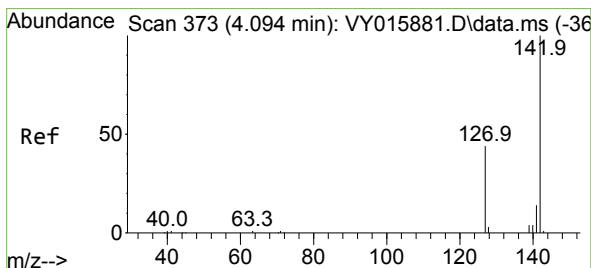
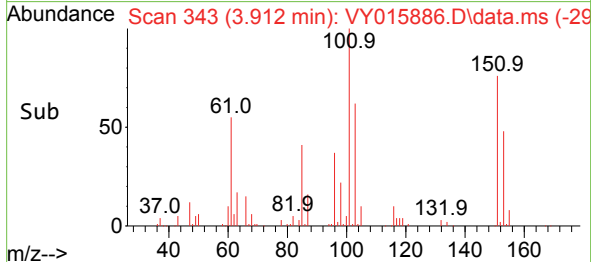
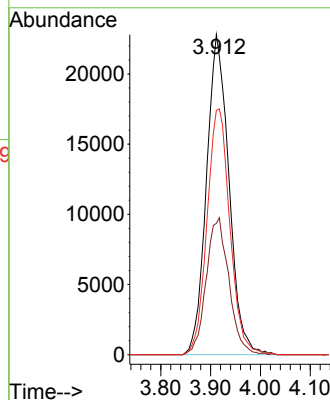
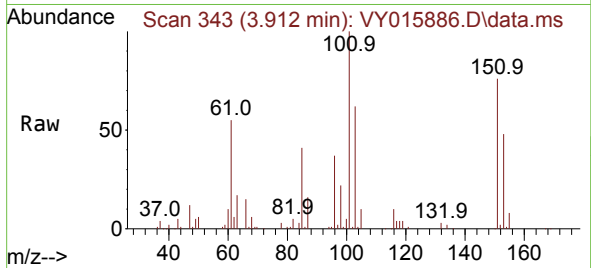




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.939 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

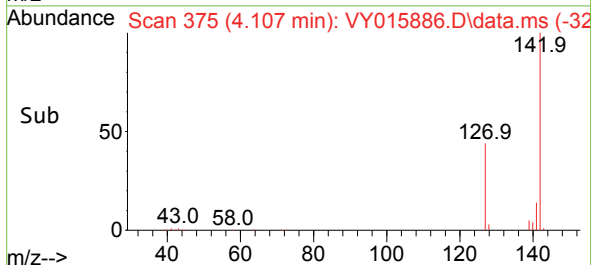
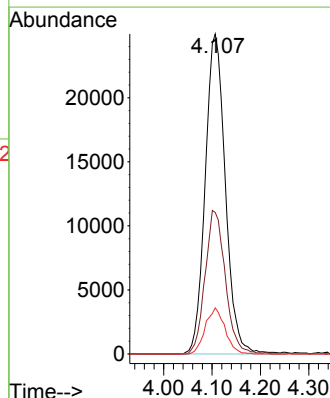
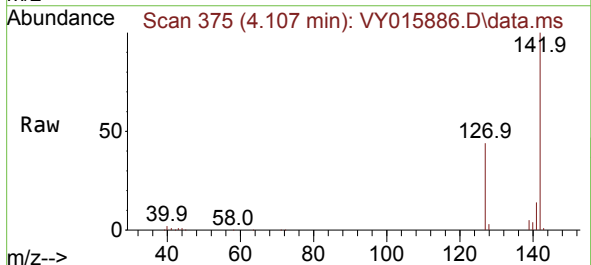
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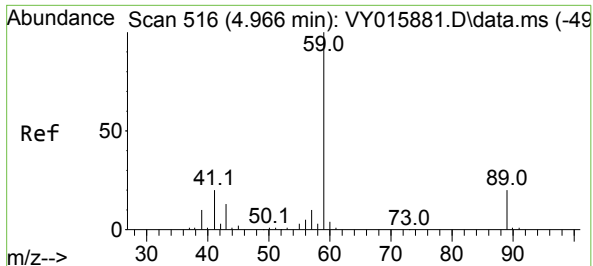
Tgt Ion:101 Resp: 71410
Ion Ratio Lower Upper
101 100
85 43.3 36.6 55.0
151 78.3 67.0 100.6



#10
Methyl Iodide
Concen: 48.340 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.013 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion:142 Resp: 72260
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.1 11.8 17.8





#11

Tert butyl alcohol

Concen: 137.788 ug/l

RT: 4.966 min Scan# 516

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

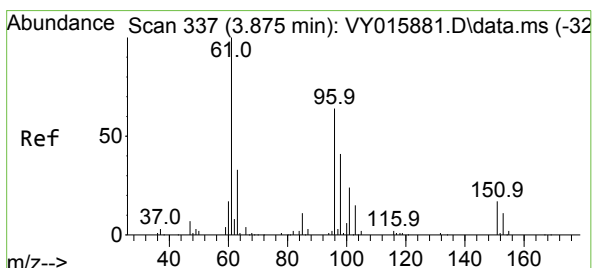
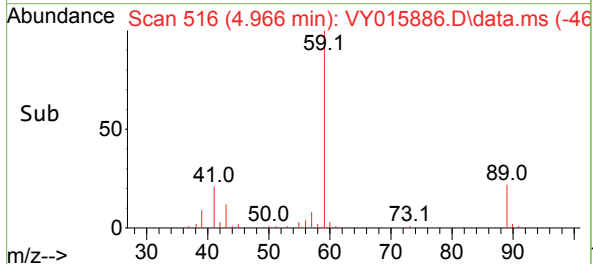
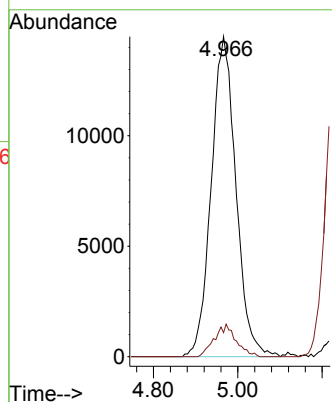
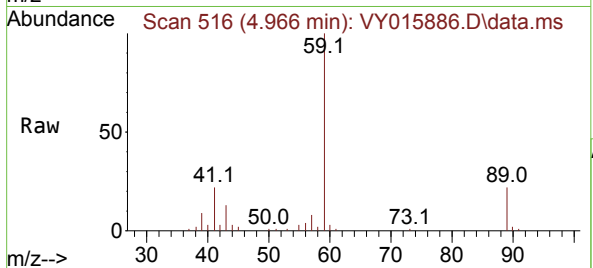
ClientSampleId :

Tgt Ion: 59 Resp: 58831

Ion Ratio Lower Upper

59 100

57 8.8 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 50.915 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.012 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

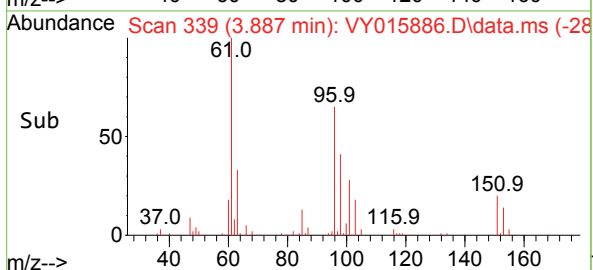
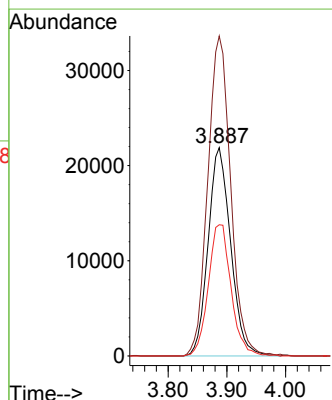
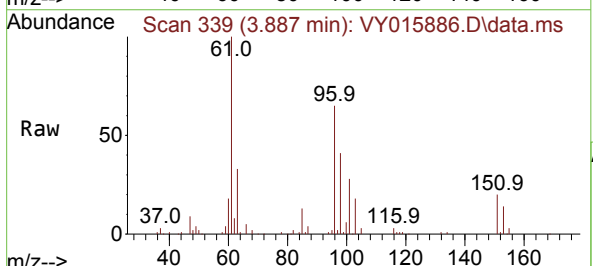
Tgt Ion: 96 Resp: 58338

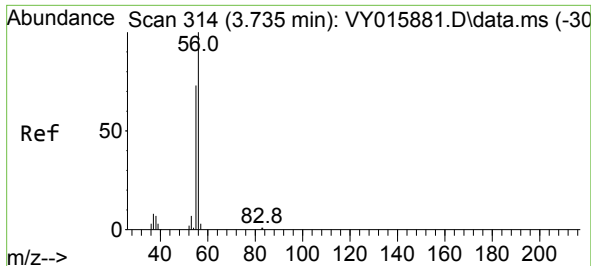
Ion Ratio Lower Upper

96 100

61 153.6 136.4 204.6

98 63.0 49.4 74.2

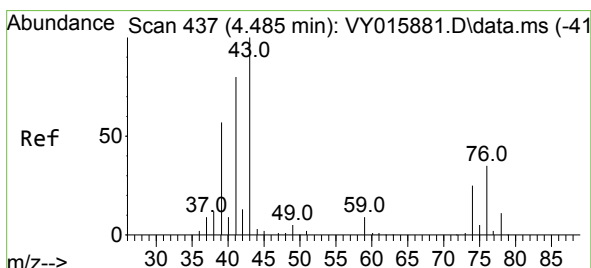
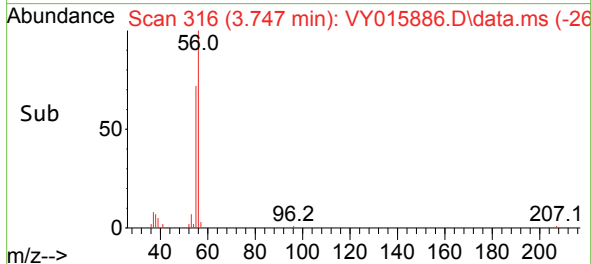
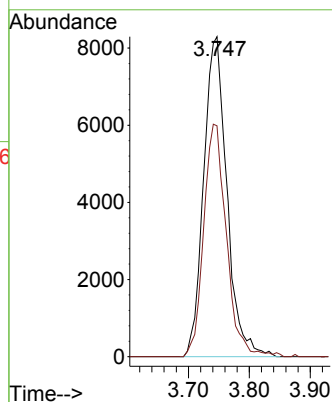
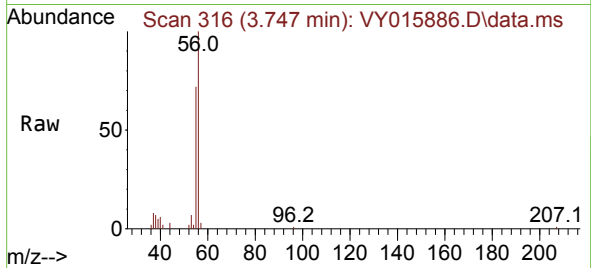




#13
Acrolein
Concen: 201.728 ug/l
RT: 3.747 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

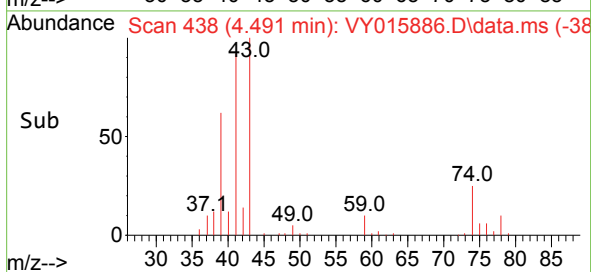
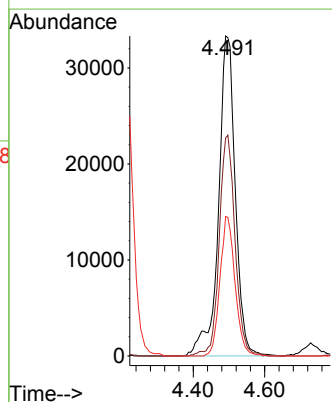
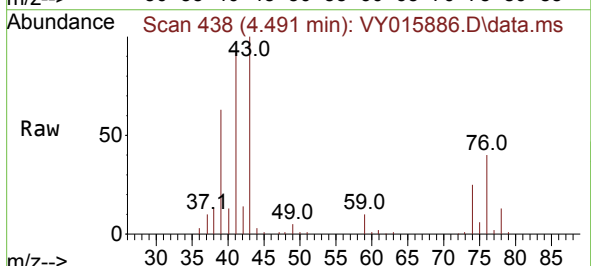
Instrument :
MSVOA_Y
ClientSampleId :

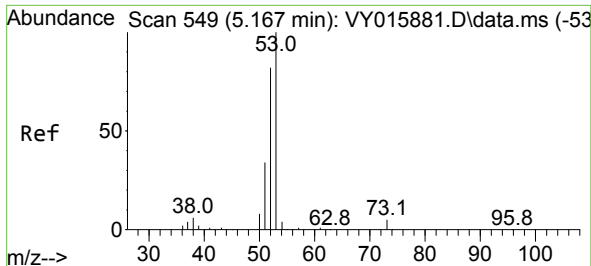
Tgt Ion: 56 Resp: 21993
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.4



#14
Allyl chloride
Concen: 51.592 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

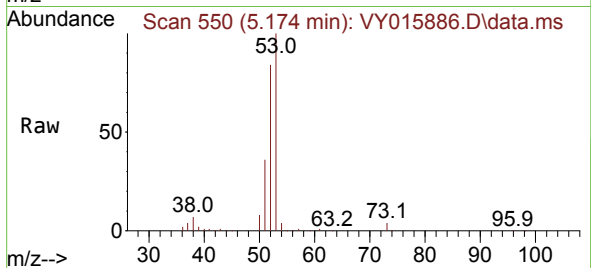
Tgt Ion: 41 Resp: 108991
Ion Ratio Lower Upper
41 100
39 64.9 58.0 87.0
76 39.0 27.4 41.2



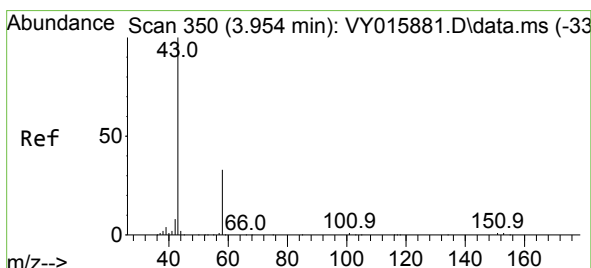
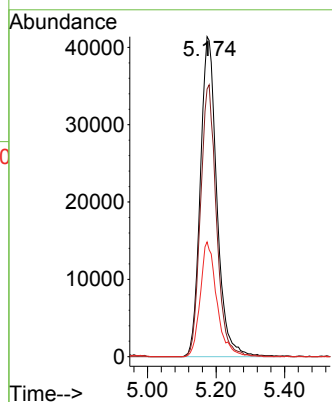
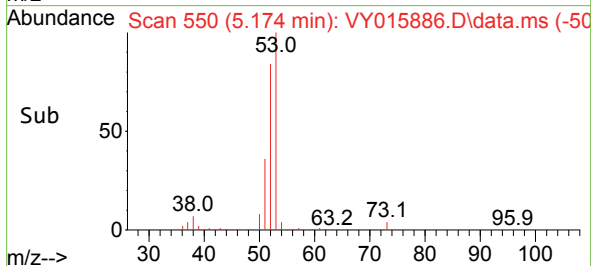


#15
Acrylonitrile
Concen: 217.701 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Instrument :
MSVOA_Y
ClientSampleId :

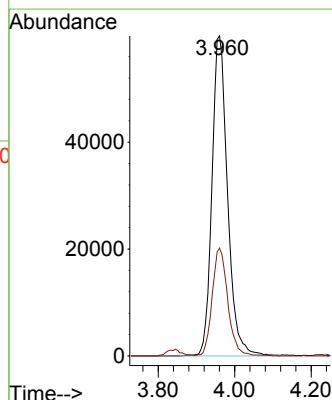
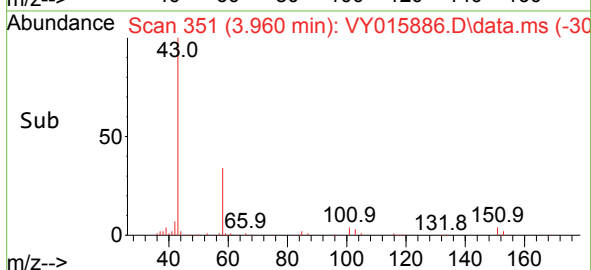
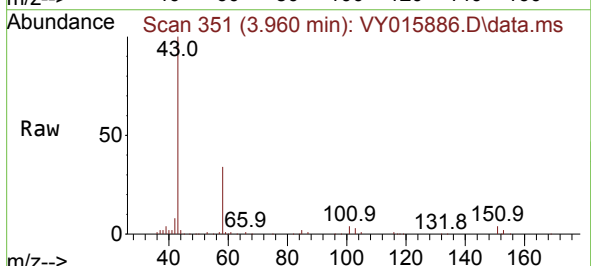


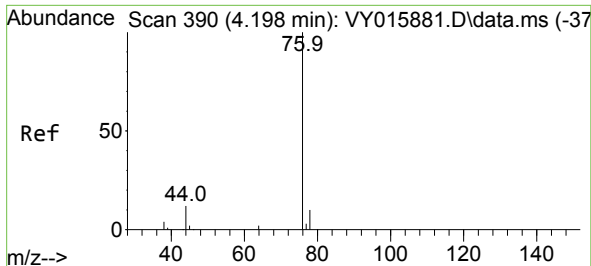
Tgt Ion: 53 Resp: 139012
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 213.694 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion: 43 Resp: 169464
Ion Ratio Lower Upper
43 100
58 33.7 22.7 34.1

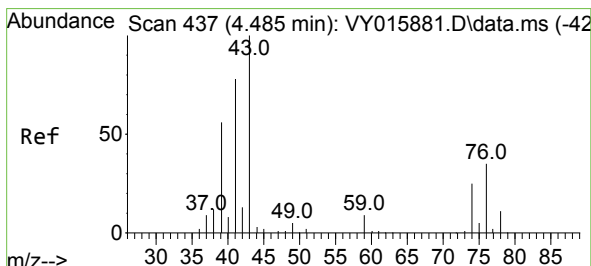
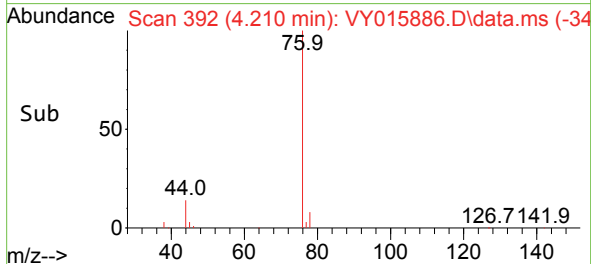
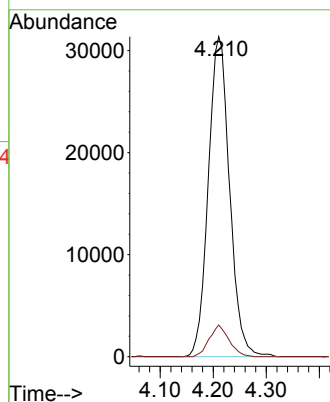
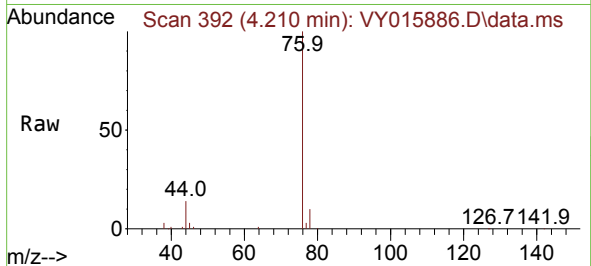




#17
Carbon Disulfide
Concen: 50.935 ug/l
RT: 4.210 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

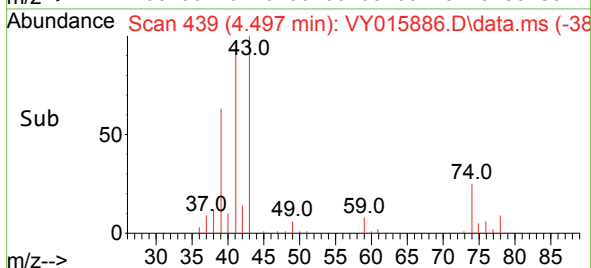
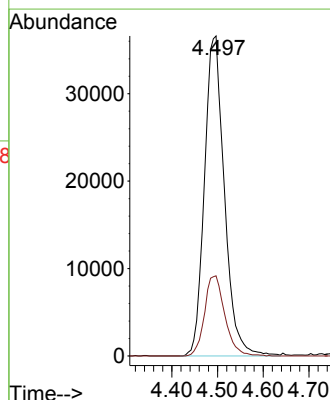
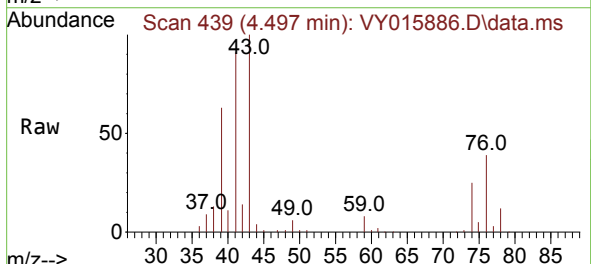
Instrument :
MSVOA_Y
ClientSampleId :

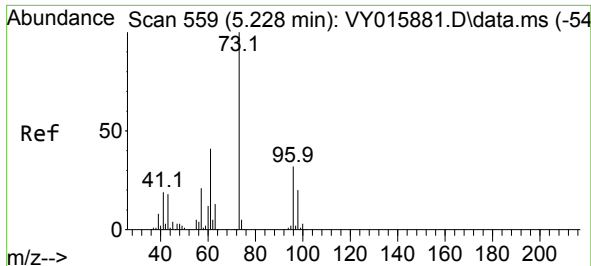
Tgt Ion: 76 Resp: 87330
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4



#18
Methyl Acetate
Concen: 45.959 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion: 43 Resp: 111138
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 47.235 ug/l

RT: 5.234 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

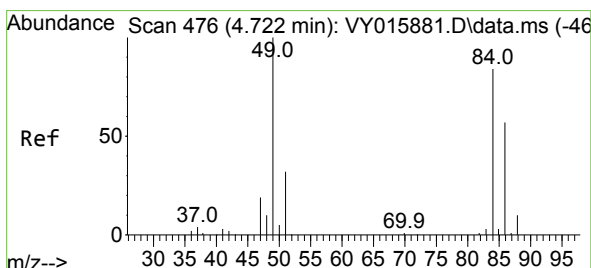
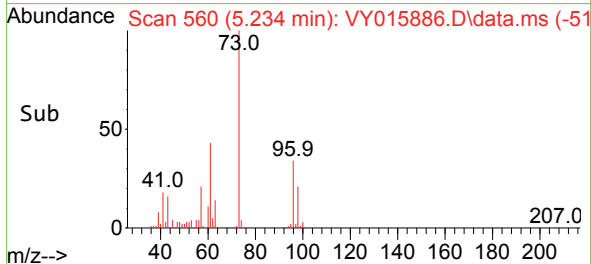
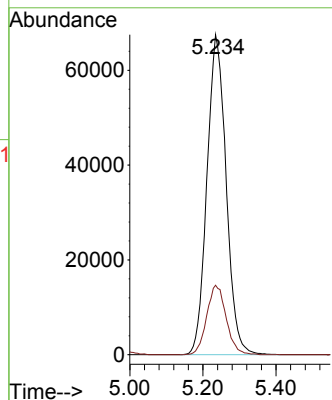
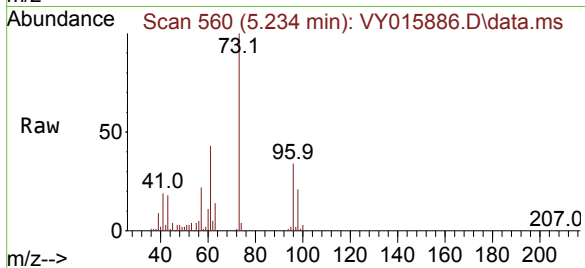
ClientSampleId :

Tgt Ion: 73 Resp: 245253

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 50.332 ug/l

RT: 4.728 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Tgt Ion: 84 Resp: 93189

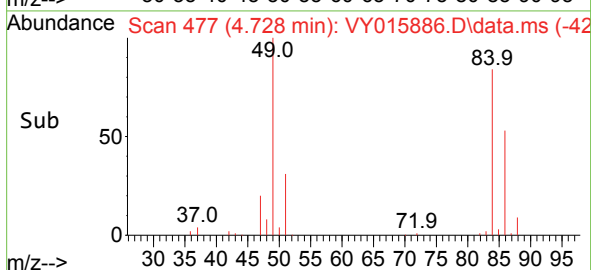
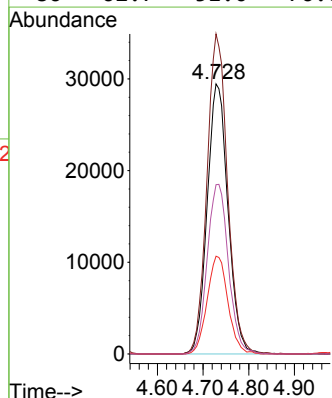
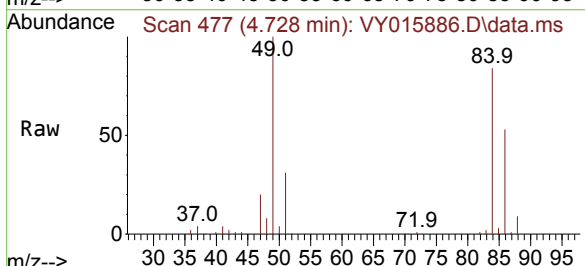
Ion Ratio Lower Upper

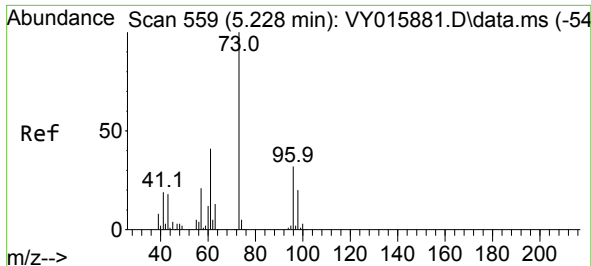
84 100

49 118.5 106.9 160.3

51 36.2 33.2 49.8

86 62.7 51.0 76.6

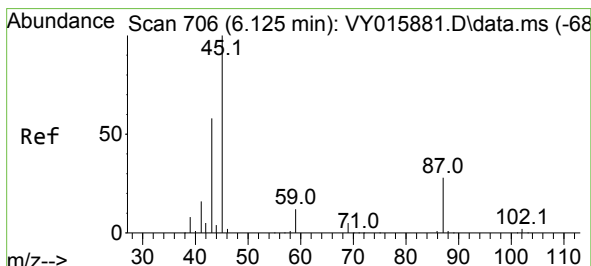
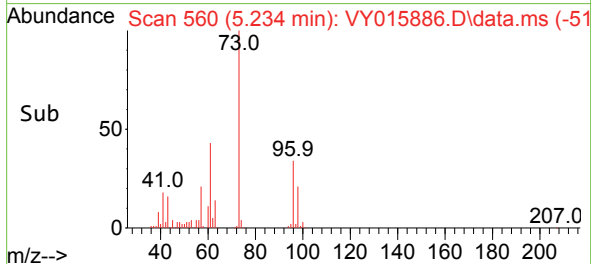
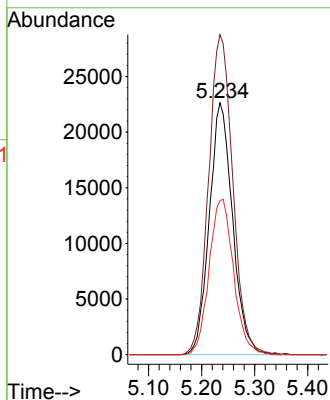
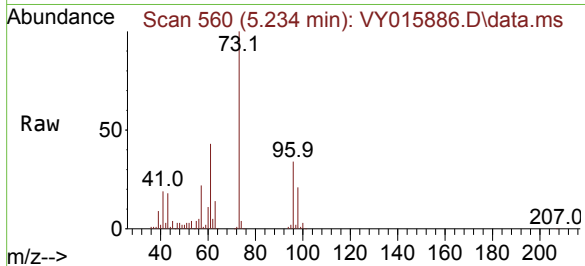




#21
trans-1,2-Dichloroethene
Concen: 51.947 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

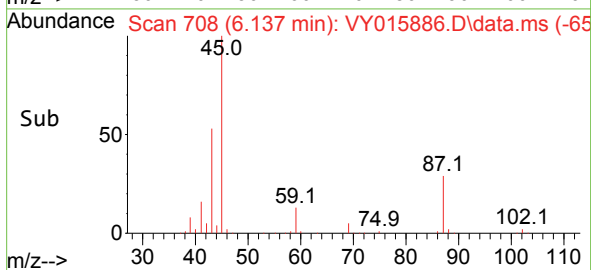
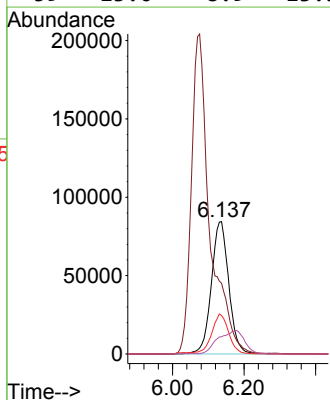
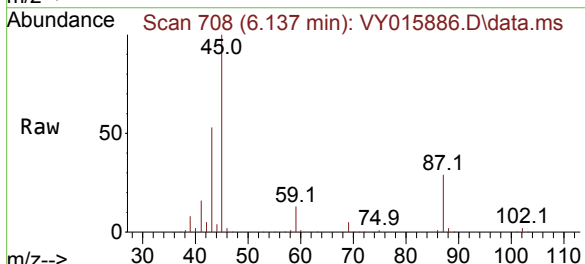
Instrument :
MSVOA_Y
ClientSampleId :

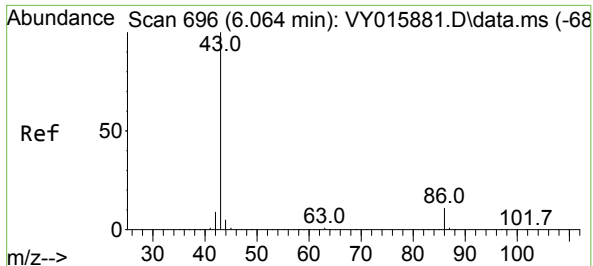
Tgt Ion: 96 Resp: 69066
Ion Ratio Lower Upper
96 100
61 127.1 110.2 165.4
98 61.2 51.8 77.6



#22
Diisopropyl ether
Concen: 50.441 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion: 45 Resp: 285017
Ion Ratio Lower Upper
45 100
43 53.0 52.2 78.4
87 29.1 21.0 31.6
59 13.0 8.9 13.3

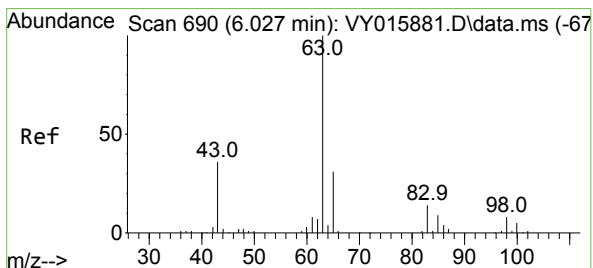
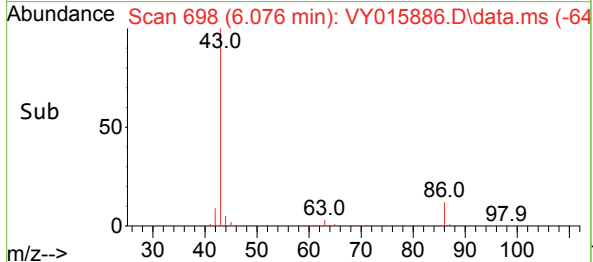
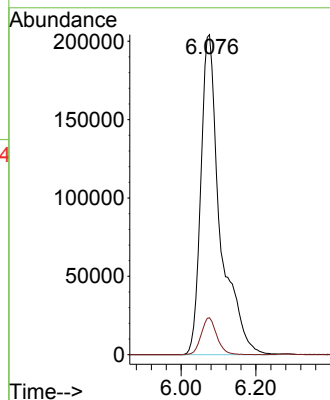
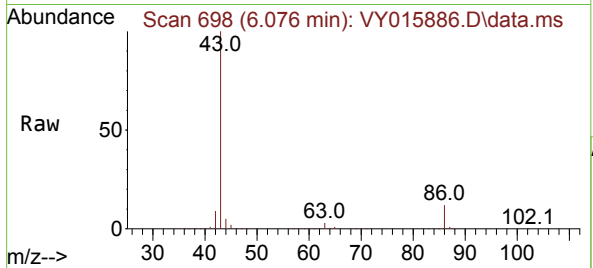




#23
 Vinyl Acetate
 Concen: 236.455 ug/l
 RT: 6.076 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY015886.D
 Acq: 10 Oct 2023 09:42

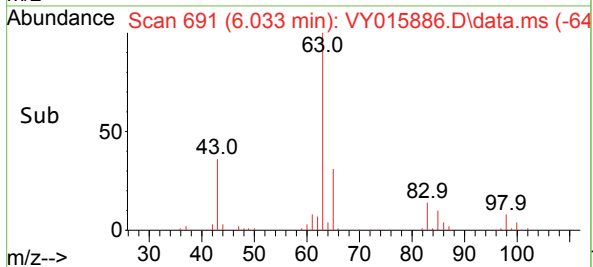
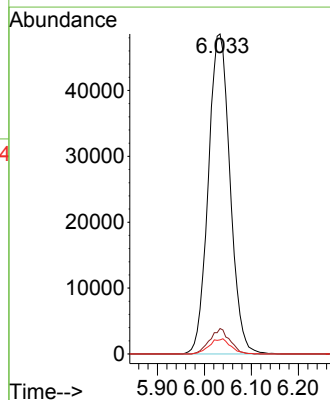
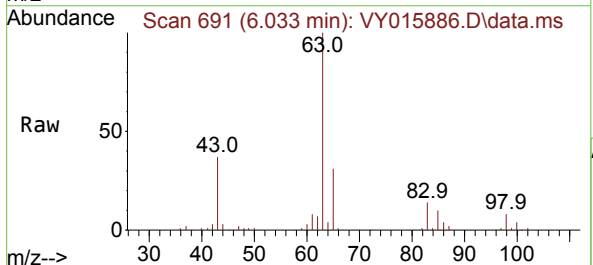
Instrument :
 MSVOA_Y
 ClientSampleId :

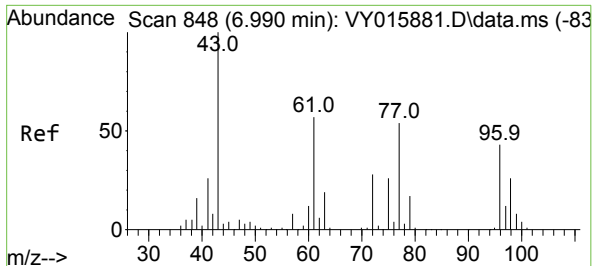
Tgt Ion: 43 Resp: 734698
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.060 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY015886.D
 Acq: 10 Oct 2023 09:42

Tgt Ion: 63 Resp: 155818
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 218.084 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

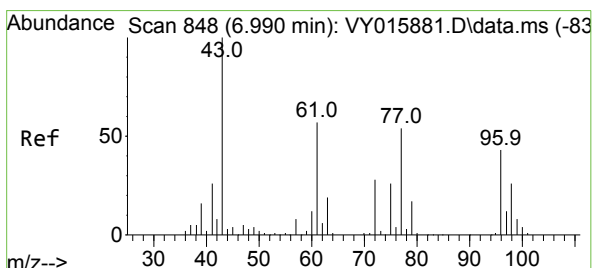
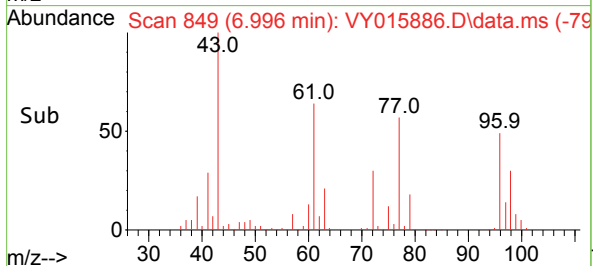
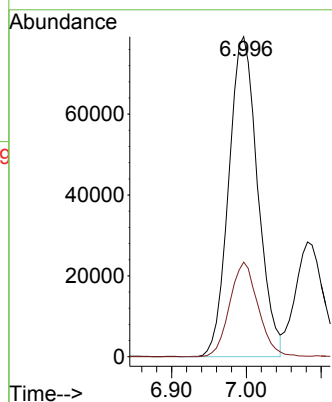
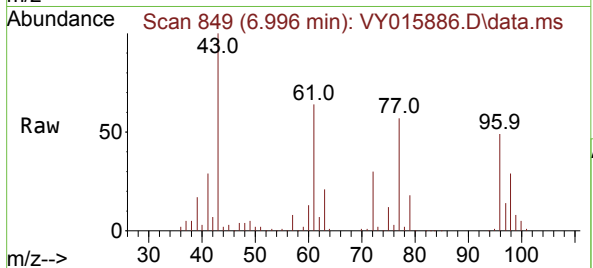
ClientSampleId :

Tgt Ion: 43 Resp: 213397

Ion Ratio Lower Upper

43 100

72 29.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 47.933 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY015886.D

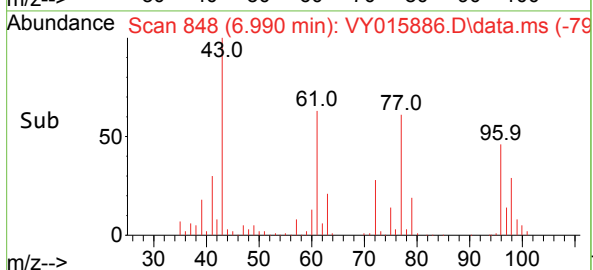
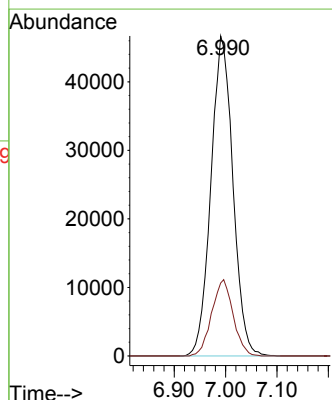
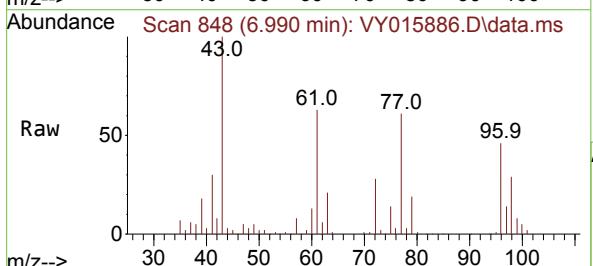
Acq: 10 Oct 2023 09:42

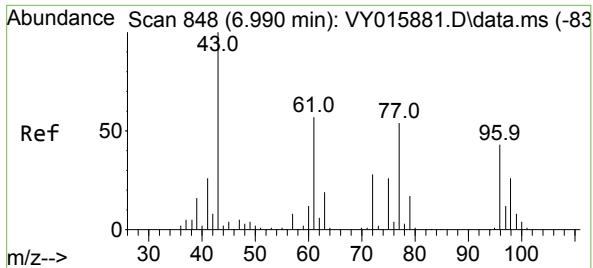
Tgt Ion: 77 Resp: 138750

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.663 ug/l

RT: 6.996 min Scan# 848

Delta R.T. 0.006 min

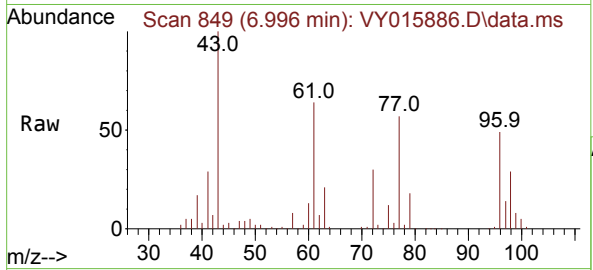
Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :



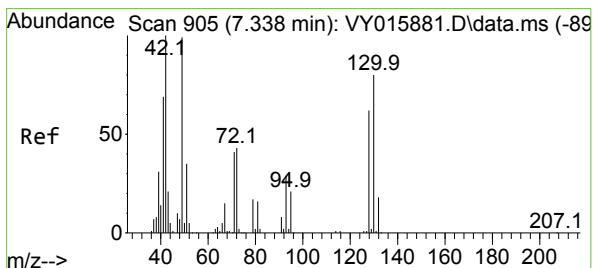
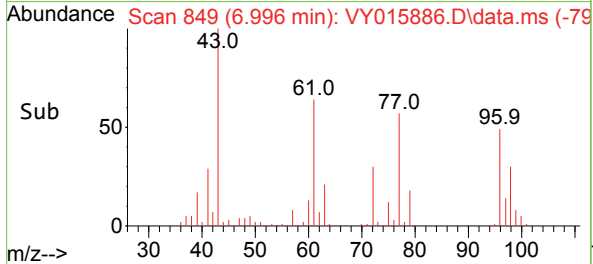
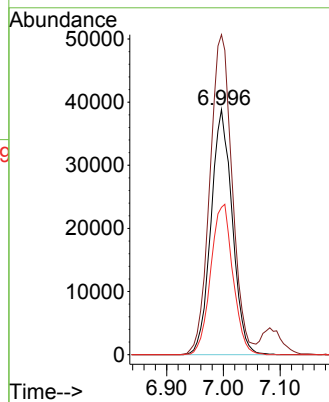
Tgt Ion: 96 Resp: 101379

Ion Ratio Lower Upper

96 100

61 137.1 0.0 301.4

98 64.0 0.0 130.4



#28

Bromochloromethane

Concen: 51.145 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

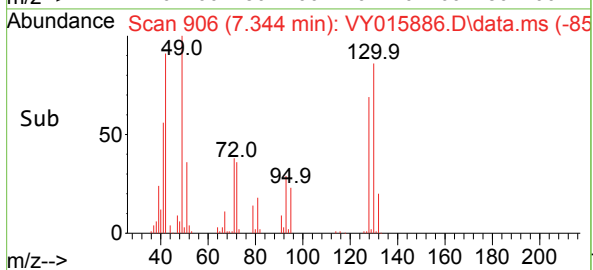
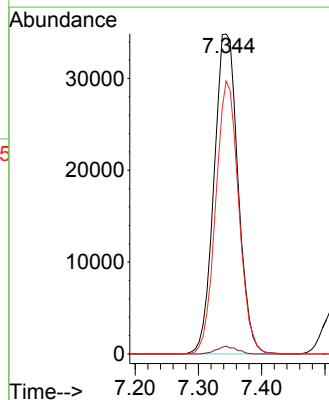
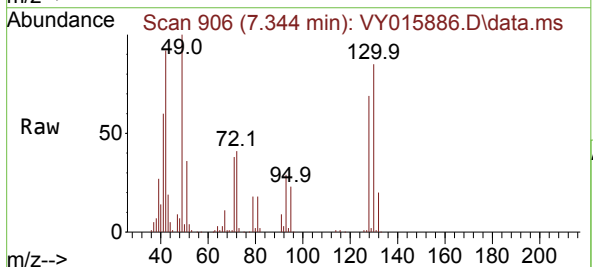
Tgt Ion: 49 Resp: 91750

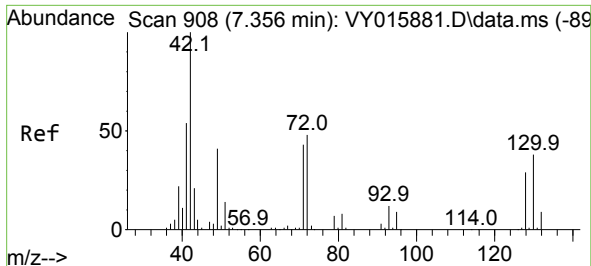
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 81.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 214.273 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

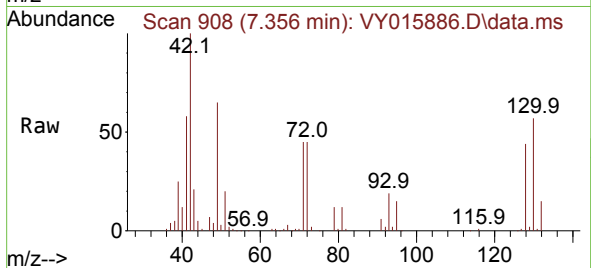
Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :



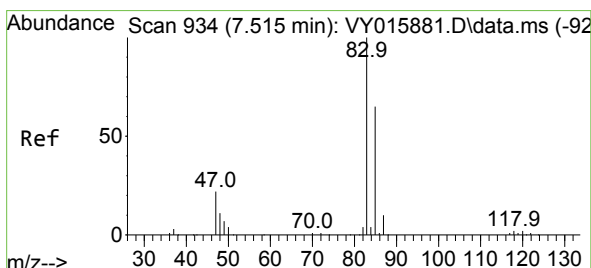
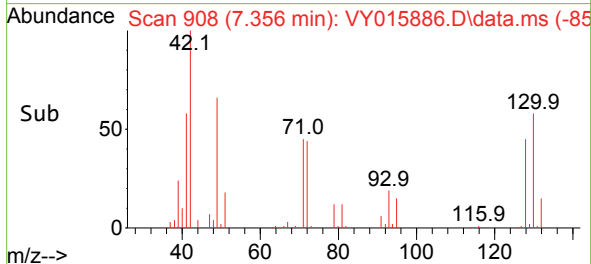
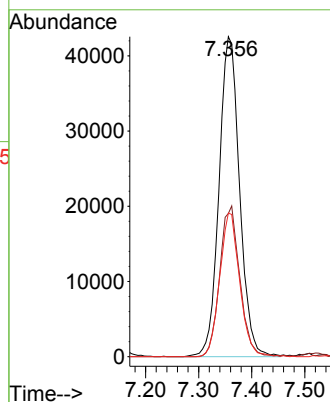
Tgt Ion: 42 Resp: 114699

Ion Ratio Lower Upper

42 100

72 45.8 32.8 49.2

71 43.6 31.0 46.4



#30

Chloroform

Concen: 50.217 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY015886.D

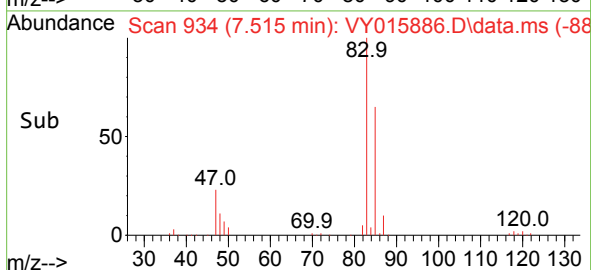
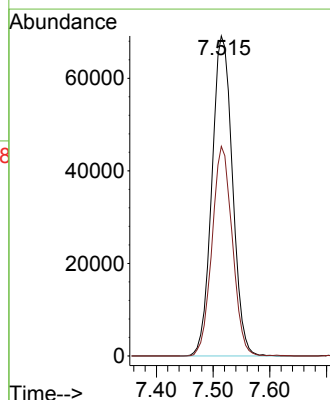
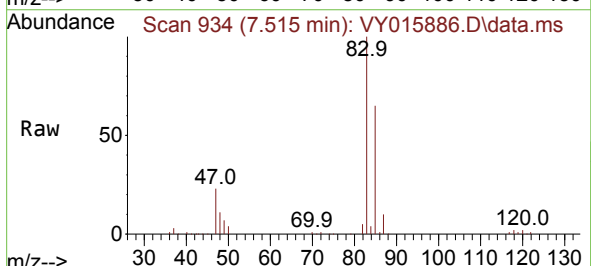
Acq: 10 Oct 2023 09:42

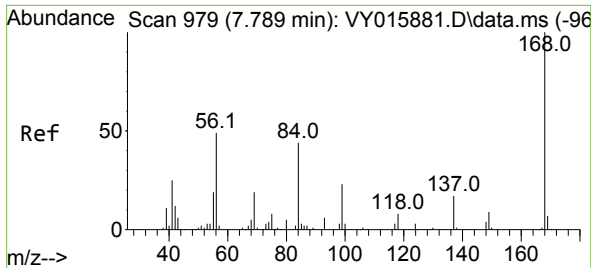
Tgt Ion: 83 Resp: 174342

Ion Ratio Lower Upper

83 100

85 65.5 49.7 74.5

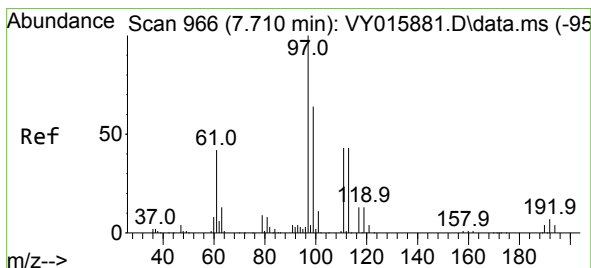
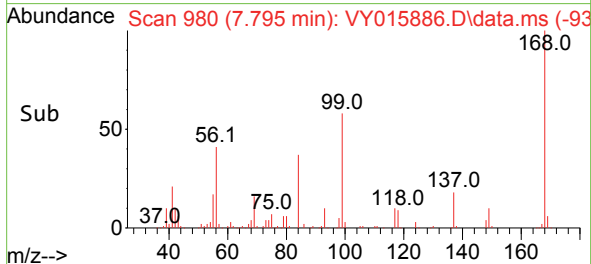
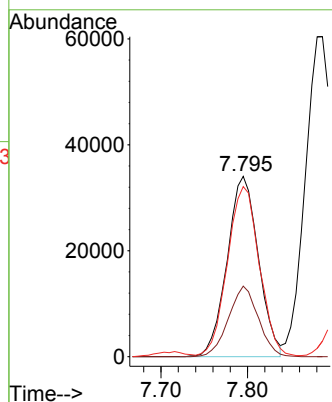
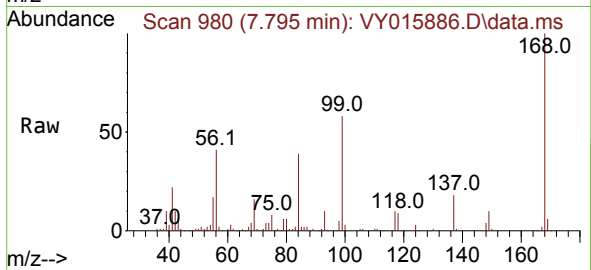




#31
Cyclohexane
Concen: 44.745 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

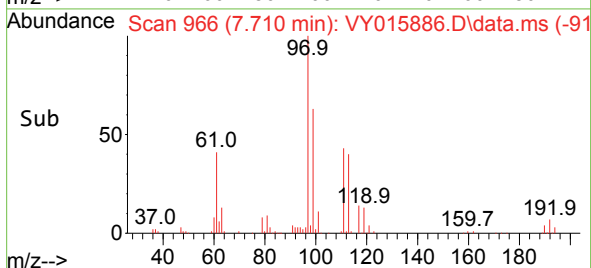
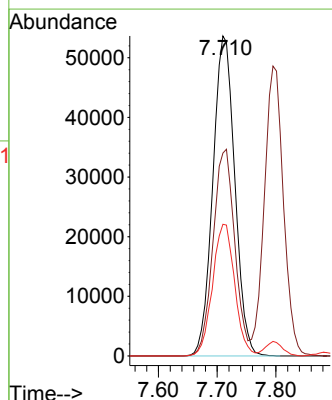
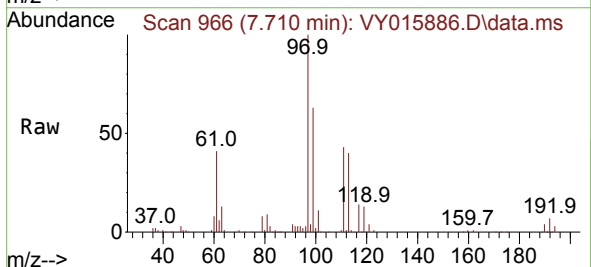
Instrument :
MSVOA_Y
ClientSampleId :

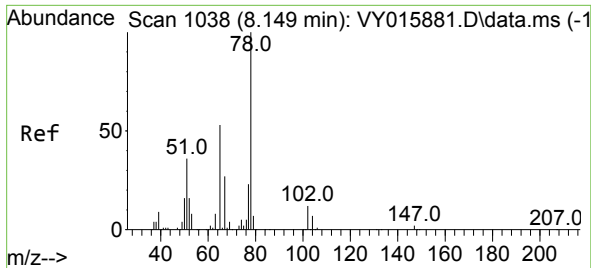
Tgt Ion: 56 Resp: 85481
Ion Ratio Lower Upper
56 100
69 39.2 27.8 41.6
84 92.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.137 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion: 97 Resp: 139317
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 41.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.471 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

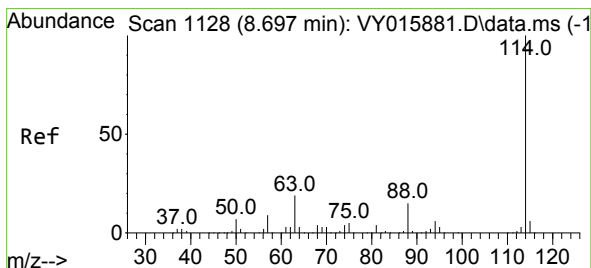
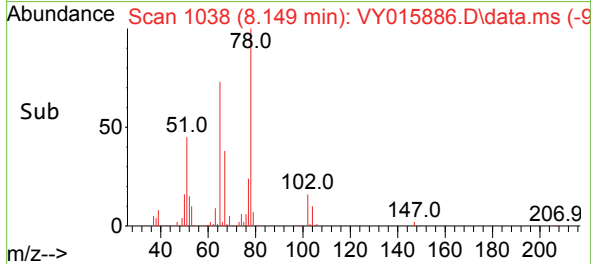
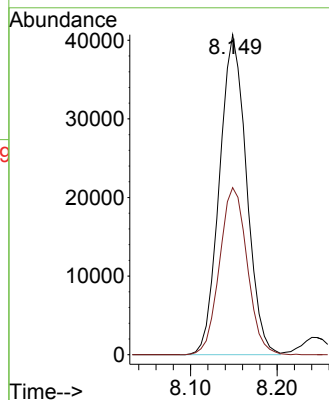
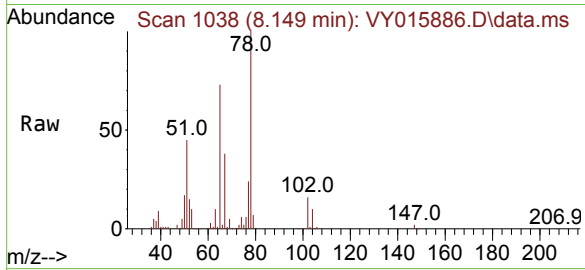
ClientSampleId :

Tgt Ion: 65 Resp: 88244

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

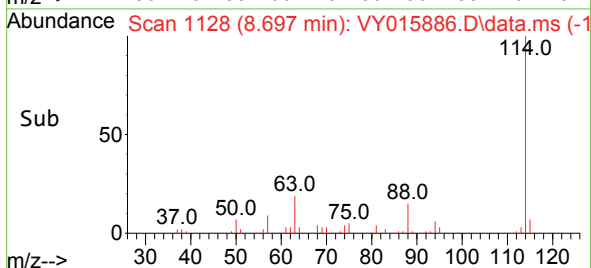
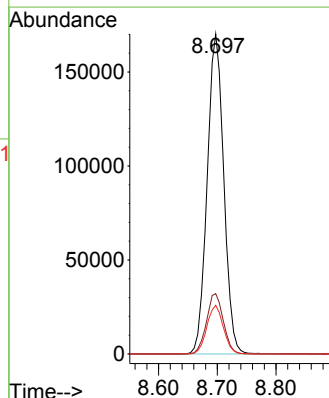
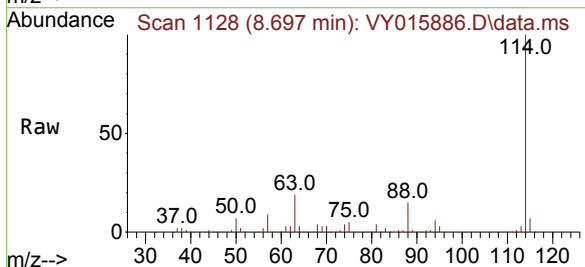
Tgt Ion: 114 Resp: 333995

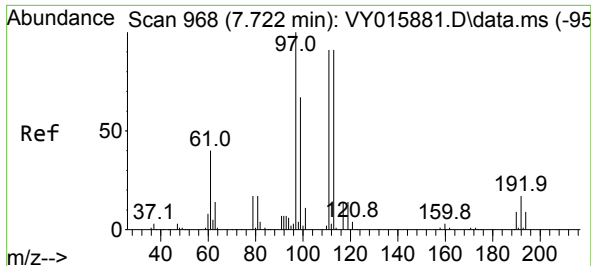
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

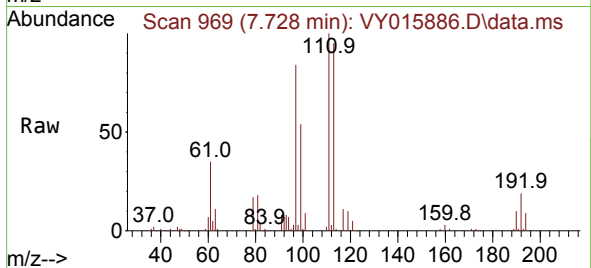
88 15.2 0.0 30.6



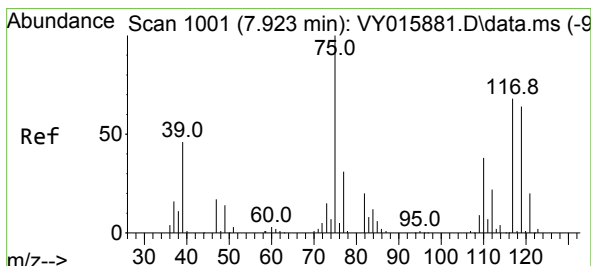
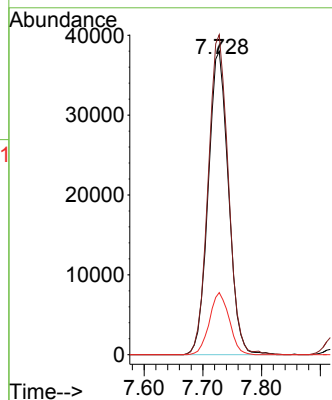
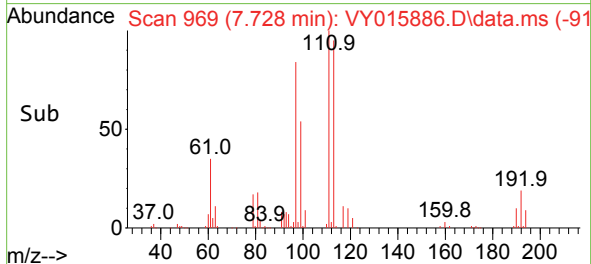


#35
Dibromofluoromethane
Concen: 48.780 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

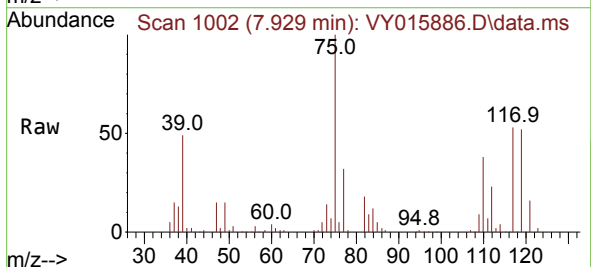
Instrument :
MSVOA_Y
ClientSampleId :



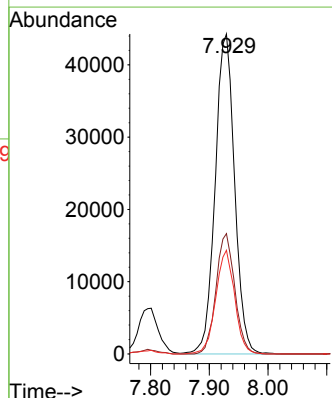
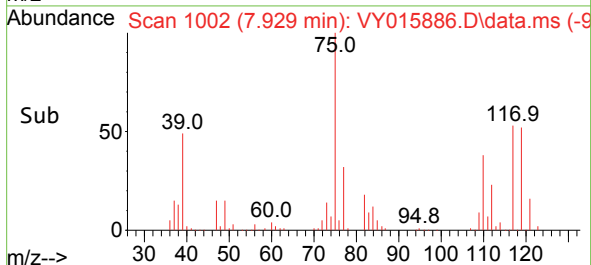
Tgt Ion:113 Resp: 90875
Ion Ratio Lower Upper
113 100
111 105.1 81.3 121.9
192 20.0 16.9 25.3

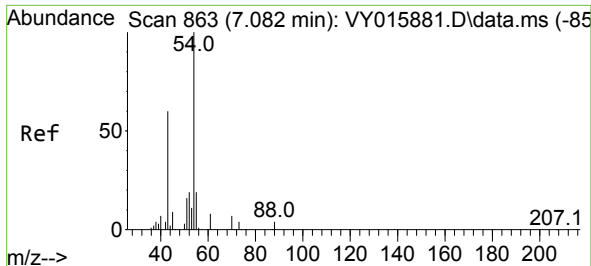


#36
1,1-Dichloropropene
Concen: 49.261 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42



Tgt Ion: 75 Resp: 101638
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.6 24.4 36.6





#37

Ethyl Acetate

Concen: 43.128 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.000 min

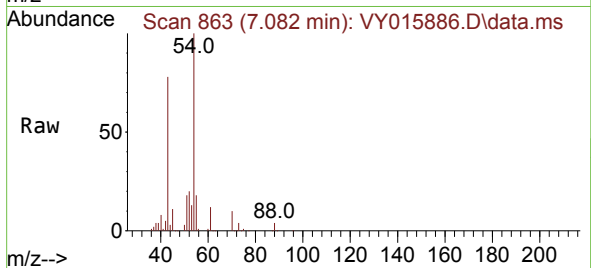
Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :



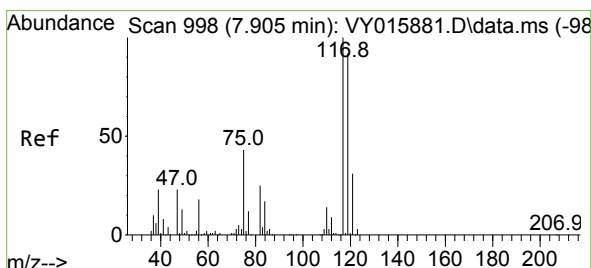
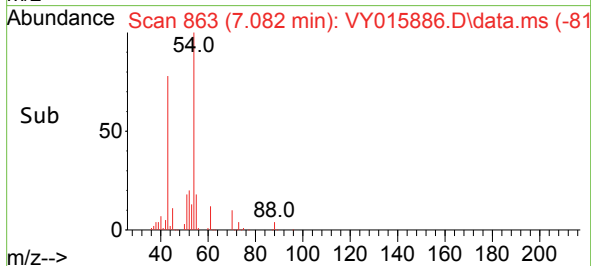
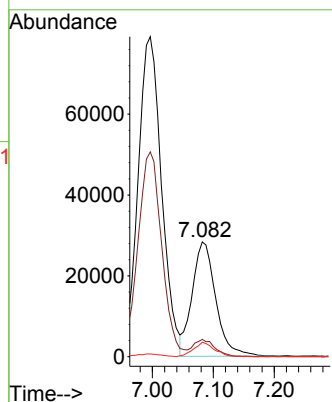
Tgt Ion: 43 Resp: 76423

Ion Ratio Lower Upper

43 100

61 13.7 10.1 15.1

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 46.980 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

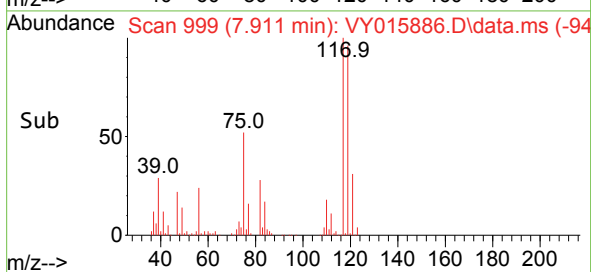
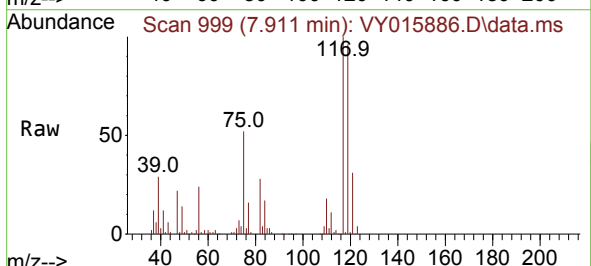
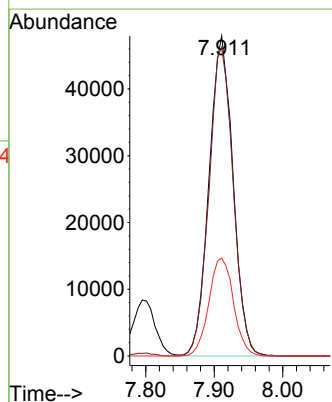
Tgt Ion: 117 Resp: 116410

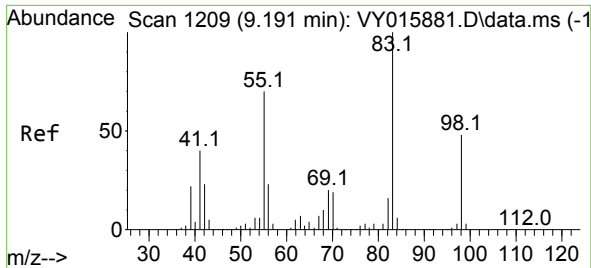
Ion Ratio Lower Upper

117 100

119 96.4 76.4 114.6

121 30.6 25.8 38.6

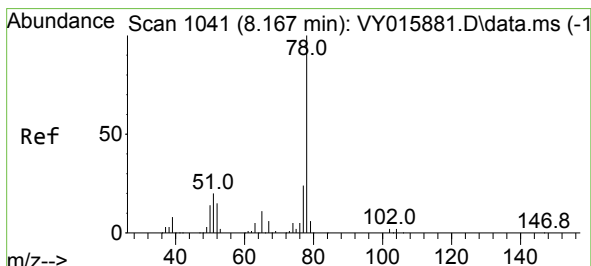
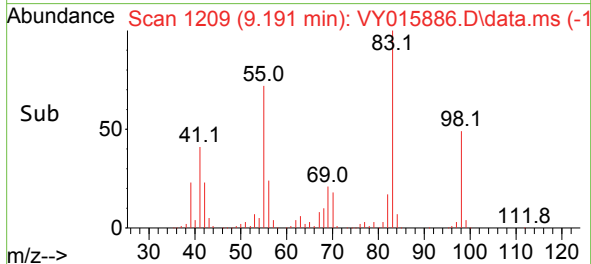
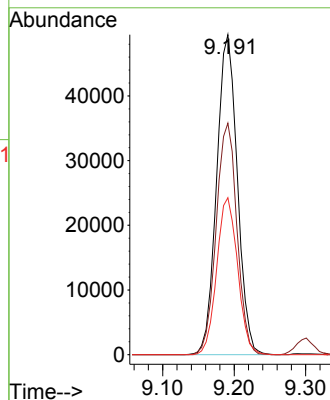
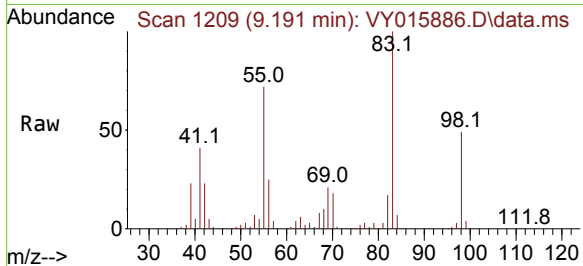




#39
Methylcyclohexane
Concen: 47.467 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

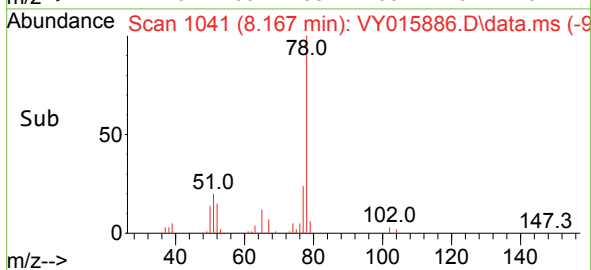
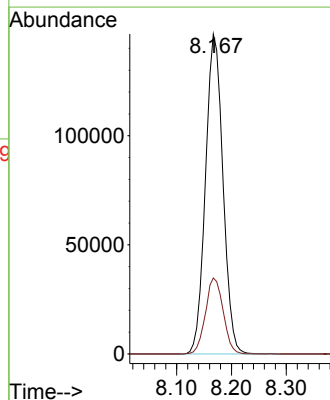
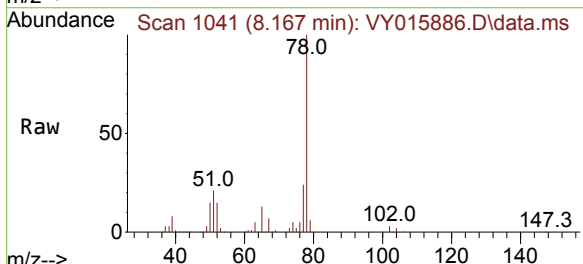
Instrument :
MSVOA_Y
ClientSampleId :

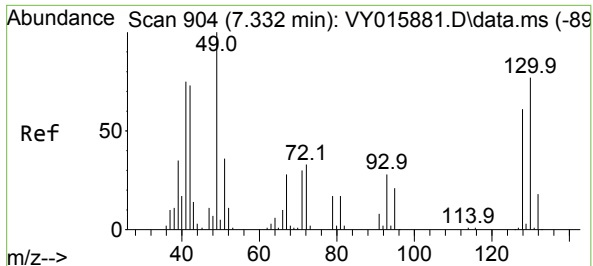
Tgt Ion: 83 Resp: 99480
Ion Ratio Lower Upper
83 100
55 72.3 63.0 94.4
98 49.0 37.4 56.2



#40
Benzene
Concen: 49.878 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

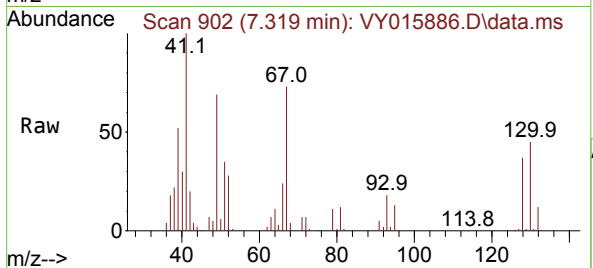
Tgt Ion: 78 Resp: 323412
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.6





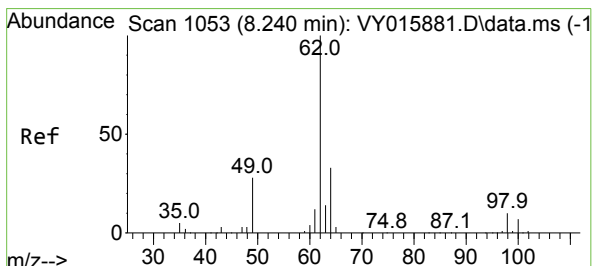
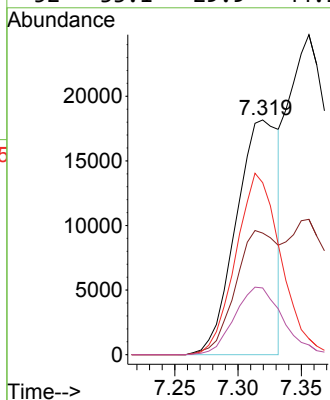
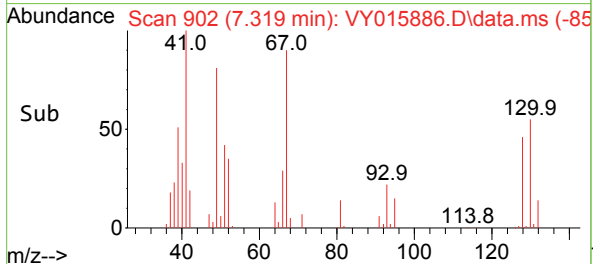
#41
Methacrylonitrile
Concen: 38.526 ug/l
RT: 7.319 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Instrument :
MSVOA_Y
ClientSampleId :

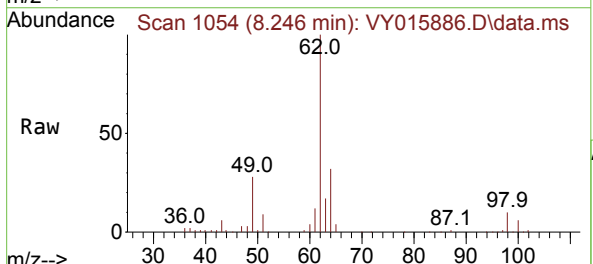


Tgt Ion: 41 Resp: 42462

Ion	Ratio	Lower	Upper
41	100		
39	52.2	52.1	78.1
67	82.6	66.2	99.2
52	33.1	29.9	44.9

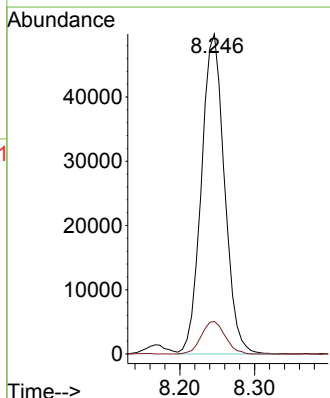
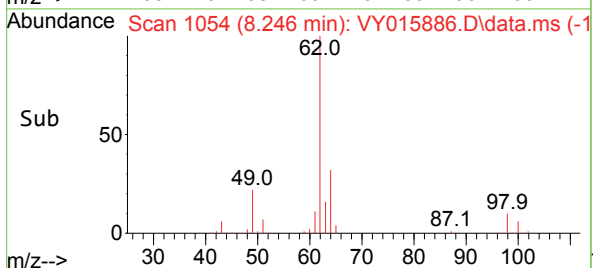


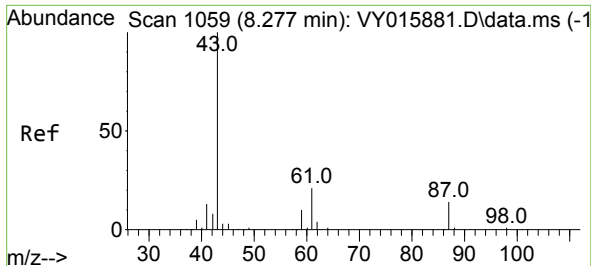
#42
1,2-Dichloroethane
Concen: 48.337 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42



Tgt Ion: 62 Resp: 106839

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	15.8

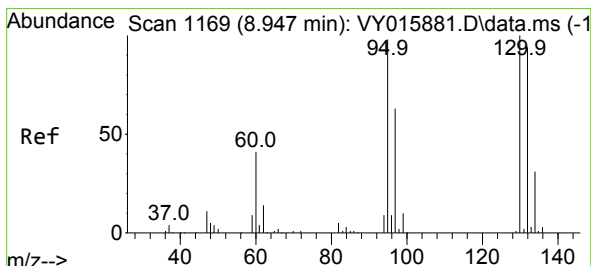
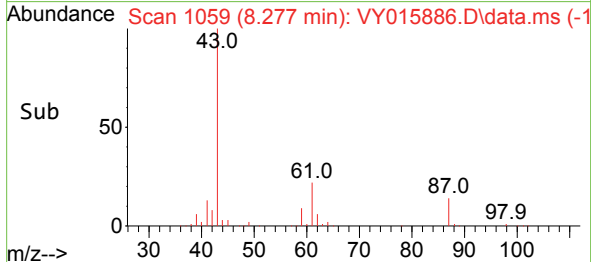
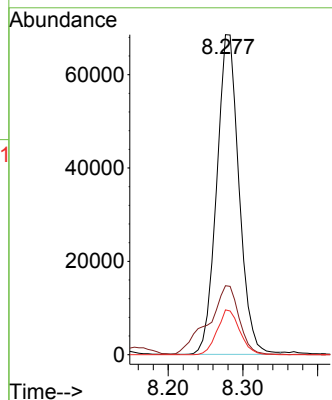
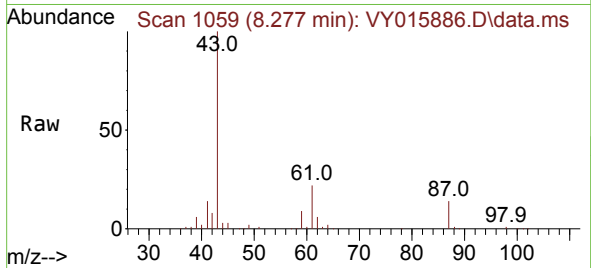




#43
Isopropyl Acetate
Concen: 43.442 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

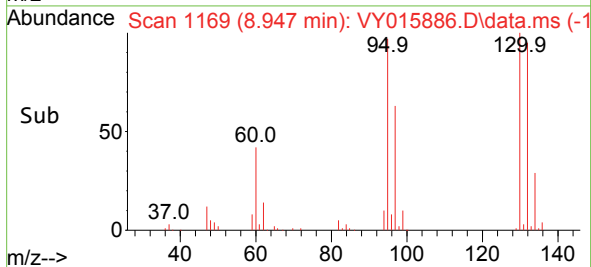
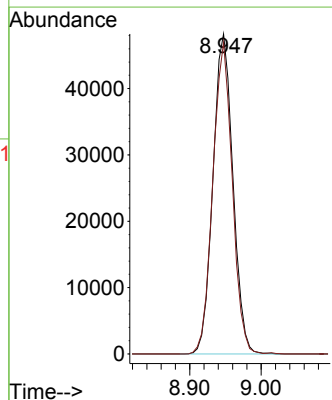
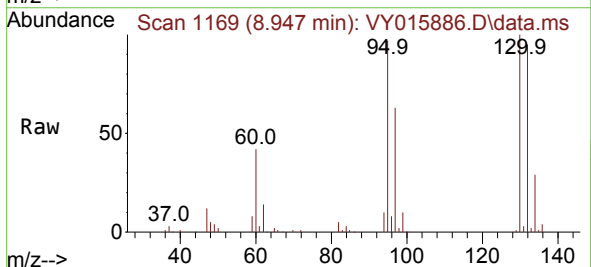
Instrument :
MSVOA_Y
ClientSampleId :

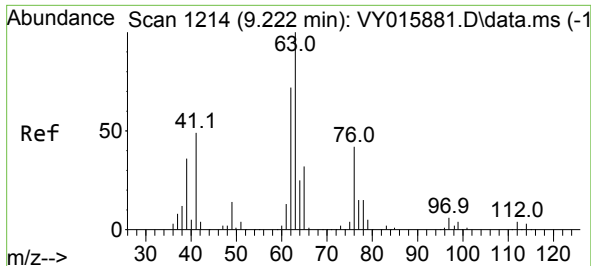
Tgt Ion: 43 Resp: 142494
Ion Ratio Lower Upper
43 100
61 29.7 21.1 31.7
87 14.2 9.8 14.8



#44
Trichloroethene
Concen: 49.733 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion:130 Resp: 93313
Ion Ratio Lower Upper
130 100
95 97.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.121 ug/l

RT: 9.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

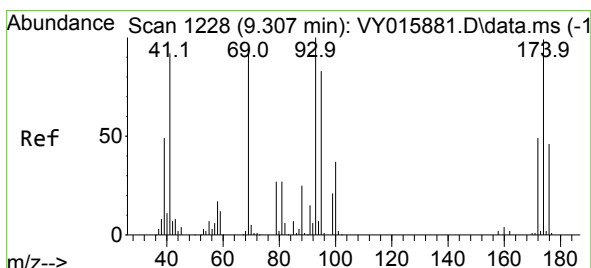
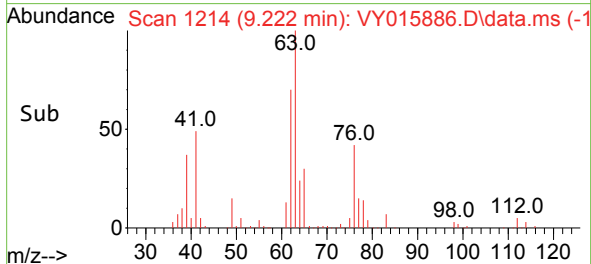
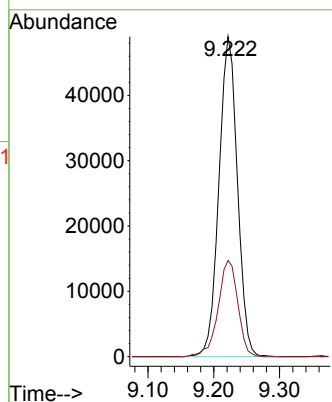
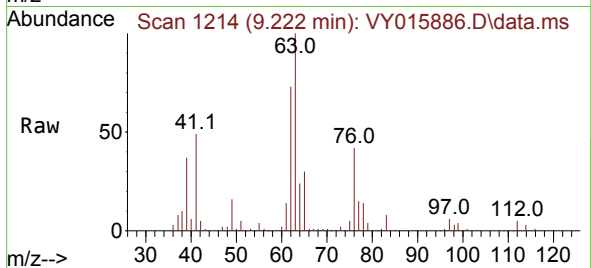
ClientSampleId :

Tgt Ion: 63 Resp: 95800

Ion Ratio Lower Upper

63 100

65 30.0 23.8 35.6



#46

Dibromomethane

Concen: 47.970 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

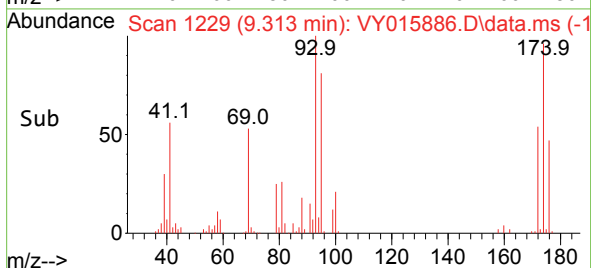
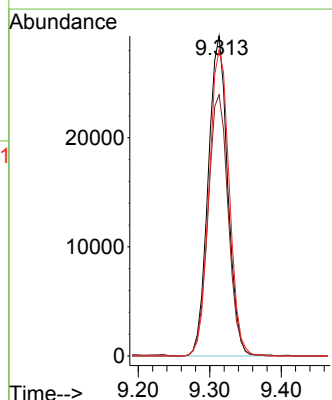
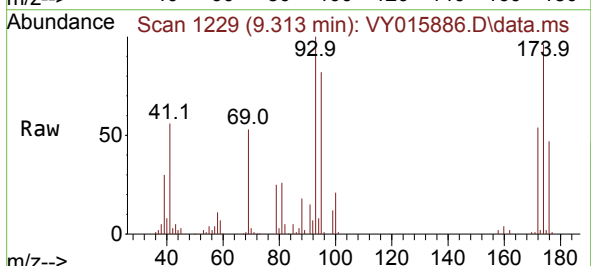
Tgt Ion: 93 Resp: 55675

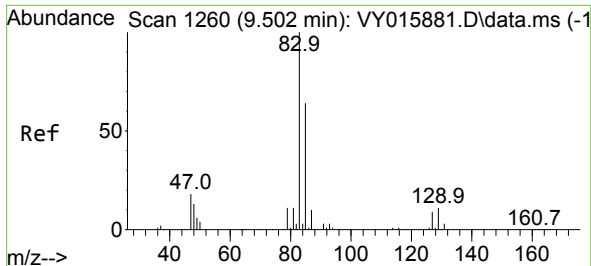
Ion Ratio Lower Upper

93 100

95 84.0 66.6 100.0

174 98.7 84.8 127.2

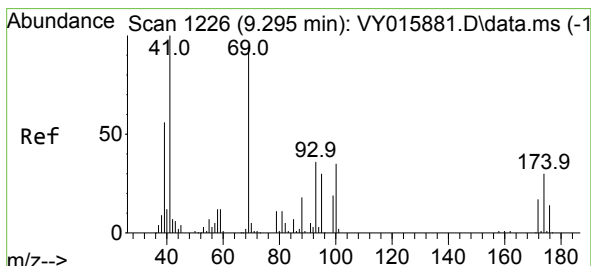
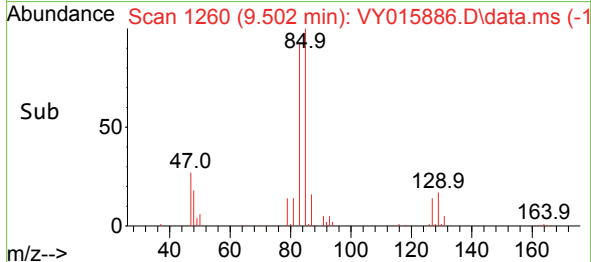
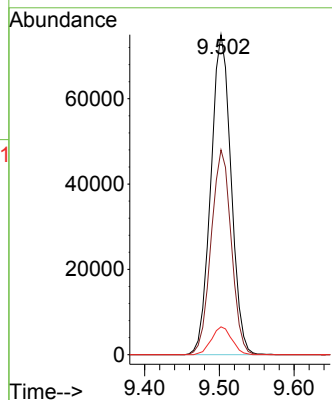
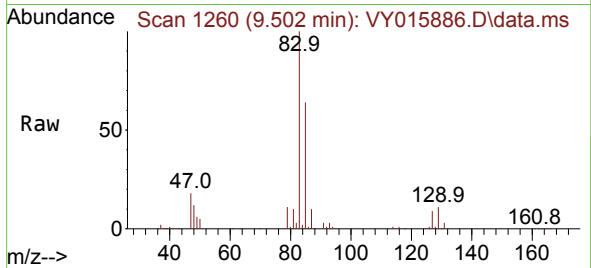




#47
Bromodichloromethane
Concen: 48.763 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

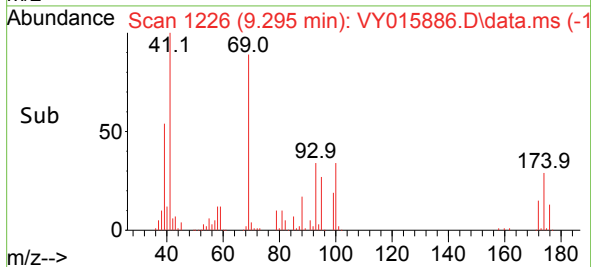
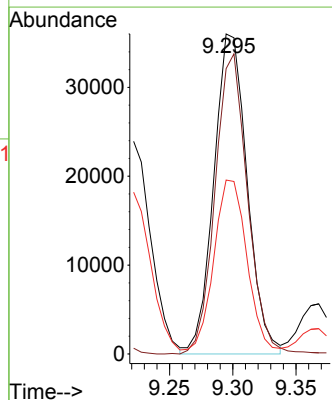
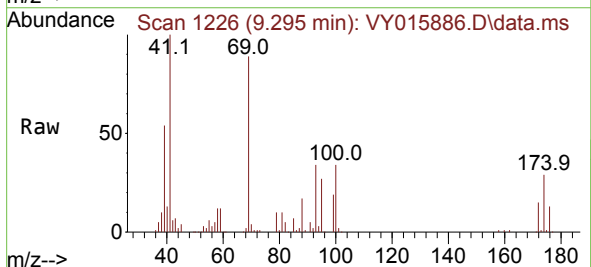
Instrument :
MSVOA_Y
ClientSampleId :

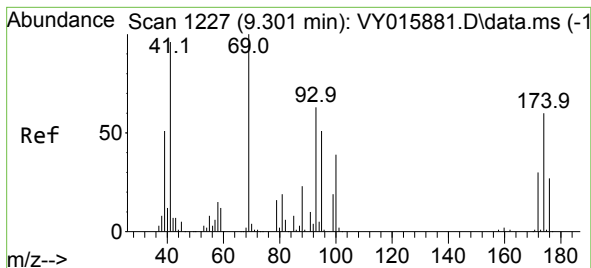
Tgt Ion: 83 Resp: 140754
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 45.579 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion: 41 Resp: 66023
Ion Ratio Lower Upper
41 100
69 91.5 64.5 96.7
39 54.8 50.8 76.2





#49

1,4-Dioxane

Concen: 812.924 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

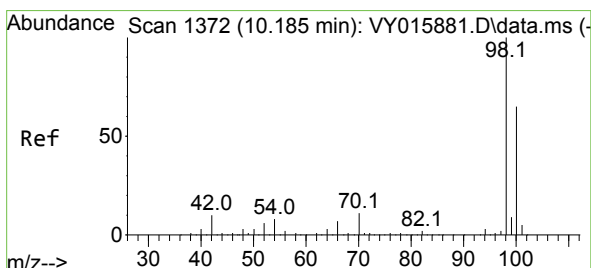
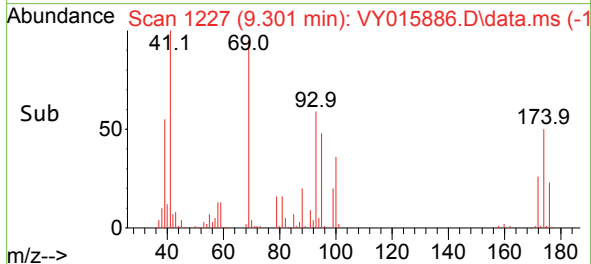
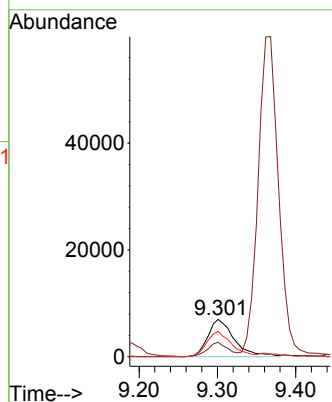
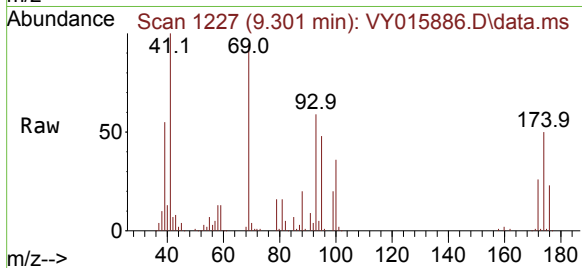
Tgt Ion: 88 Resp: 16401

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

58 63.3 30.9 46.3#



#50

Toluene-d8

Concen: 50.073 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY015886.D

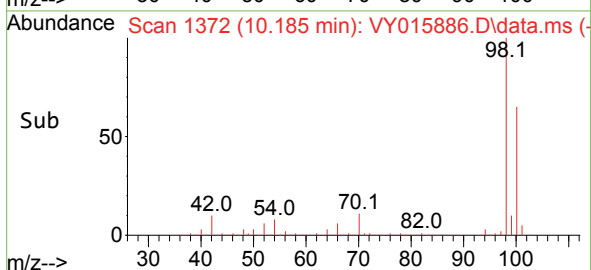
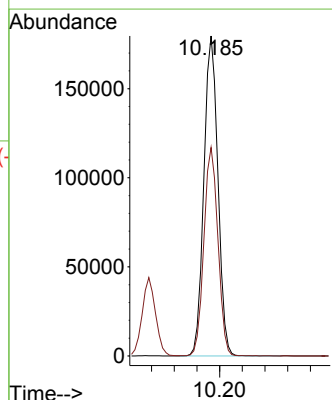
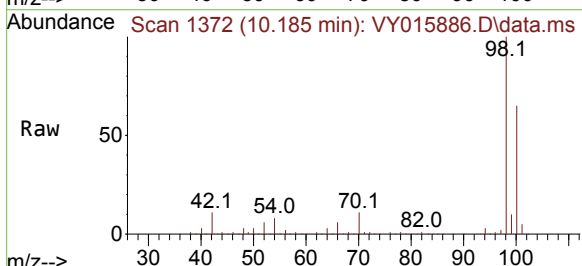
Acq: 10 Oct 2023 09:42

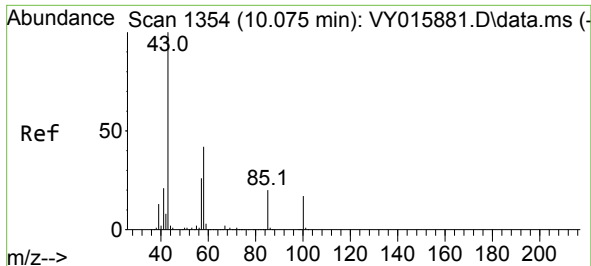
Tgt Ion: 98 Resp: 307434

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 210.969 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

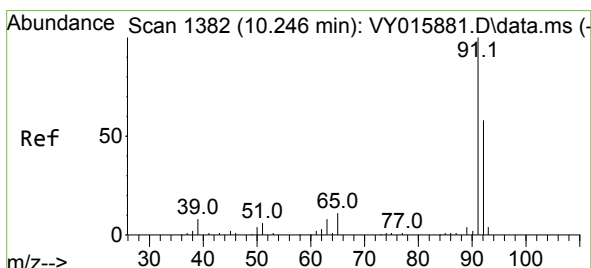
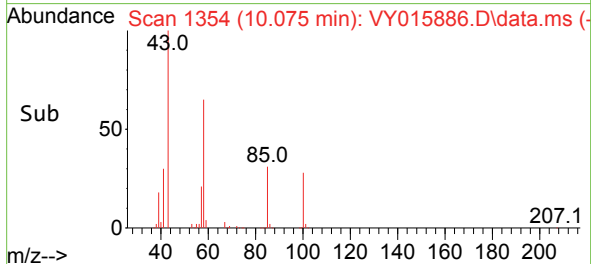
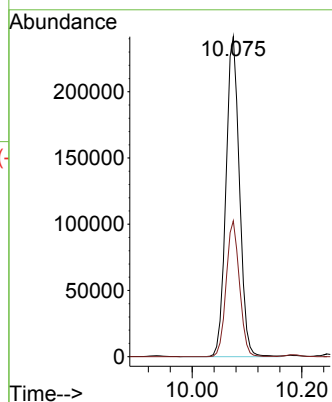
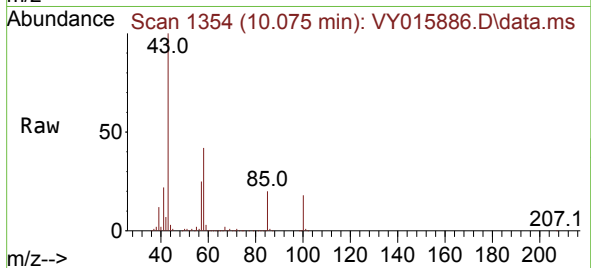
ClientSampleId :

Tgt Ion: 43 Resp: 414012

Ion Ratio Lower Upper

43 100

58 41.8 29.0 43.6



#52

Toluene

Concen: 49.248 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.006 min

Lab File: VY015886.D

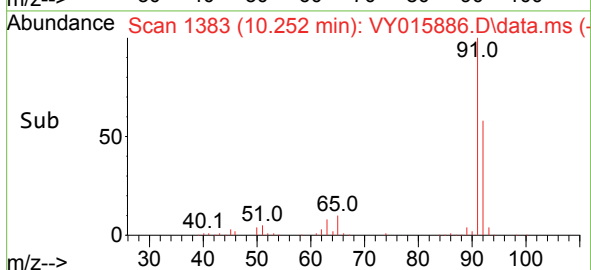
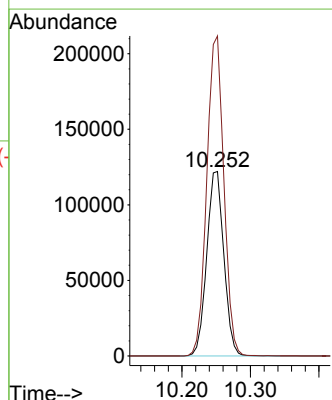
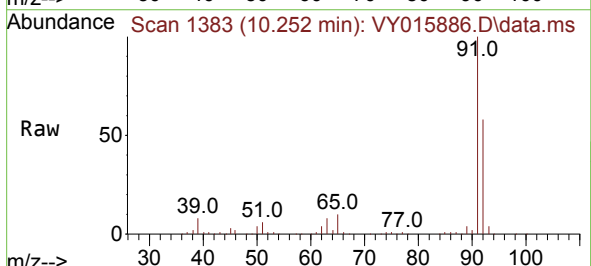
Acq: 10 Oct 2023 09:42

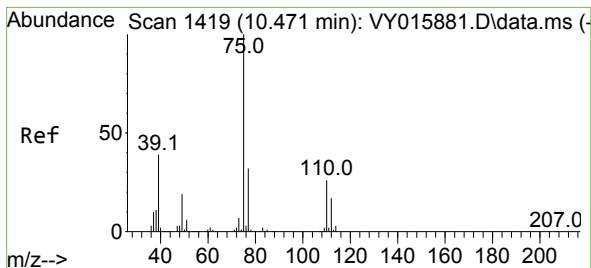
Tgt Ion: 92 Resp: 211966

Ion Ratio Lower Upper

92 100

91 173.0 143.8 215.6

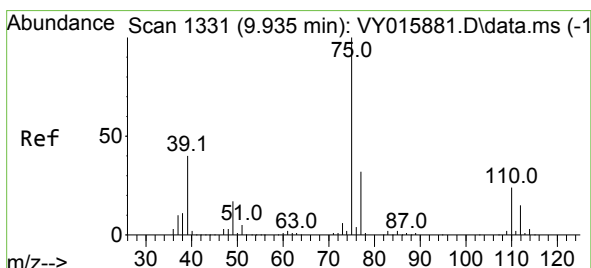
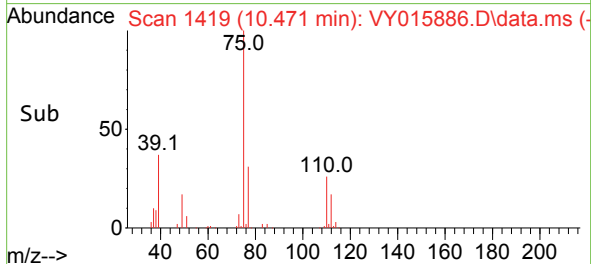
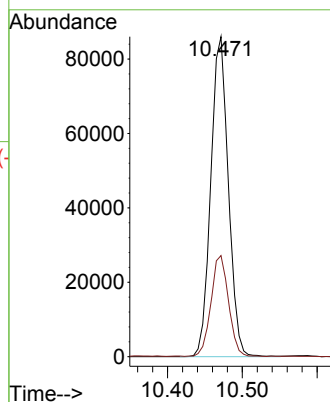
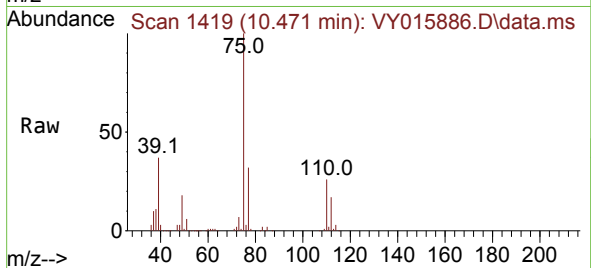




#53
 t-1,3-Dichloropropene
 Concen: 48.171 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY015886.D
 Acq: 10 Oct 2023 09:42

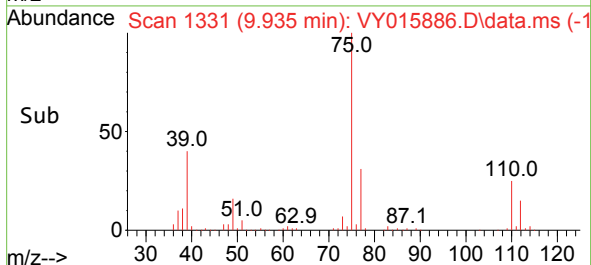
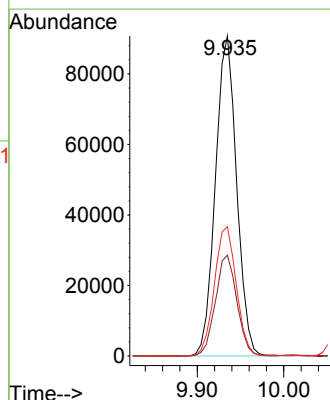
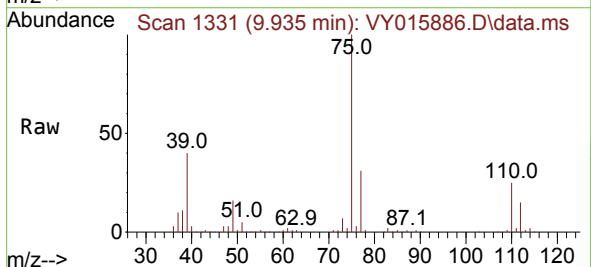
Instrument :
 MSVOA_Y
 ClientSampleId :

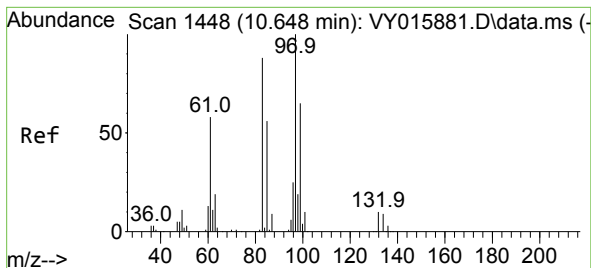
Tgt Ion: 75 Resp: 140569
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 48.725 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY015886.D
 Acq: 10 Oct 2023 09:42

Tgt Ion: 75 Resp: 154448
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.2 36.4
 39 40.4 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 45.871 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 84771

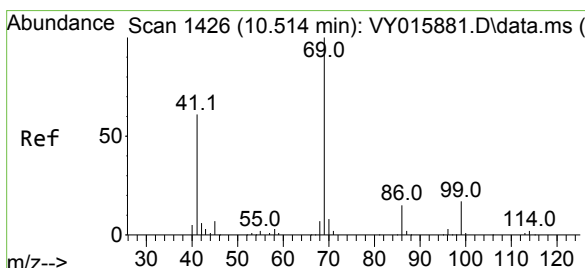
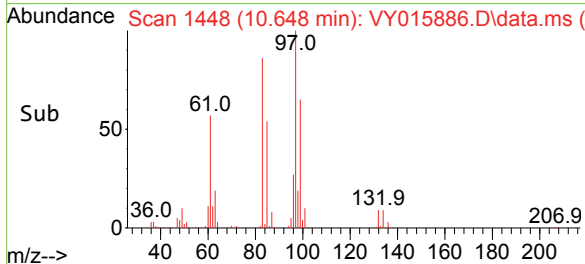
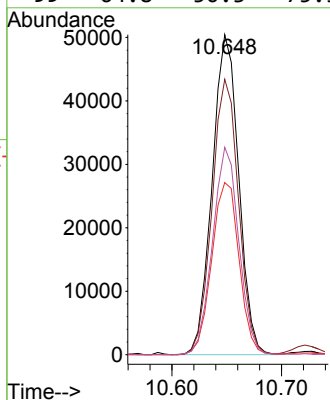
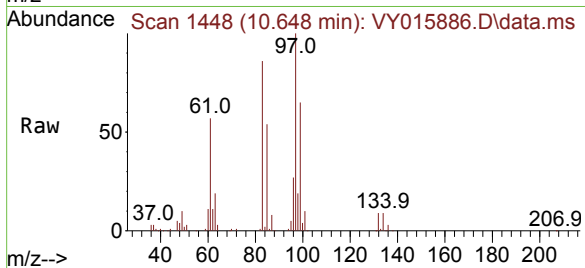
Ion Ratio Lower Upper

97 100

83 85.9 72.0 108.0

85 53.8 45.4 68.0

99 64.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 46.353 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

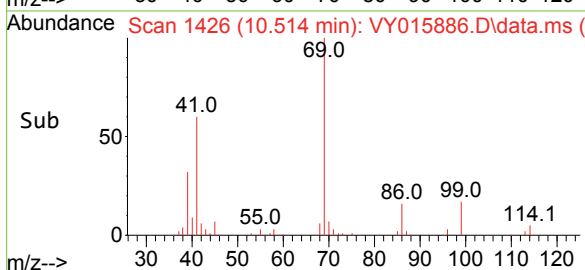
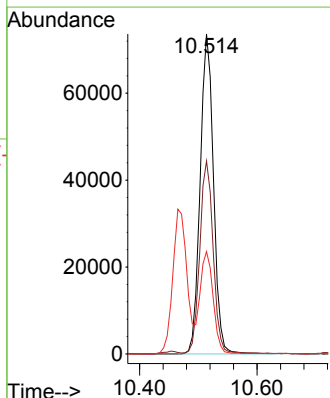
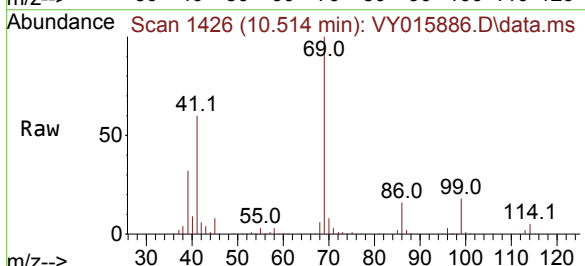
Tgt Ion: 69 Resp: 116297

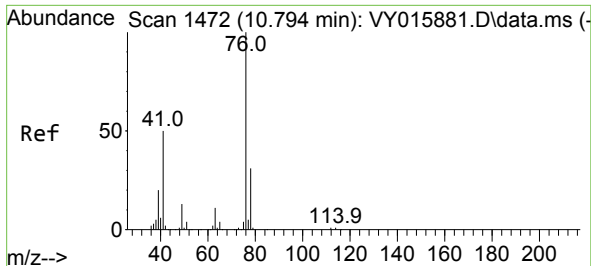
Ion Ratio Lower Upper

69 100

41 60.1 57.6 86.4

39 30.3 34.1 51.1#

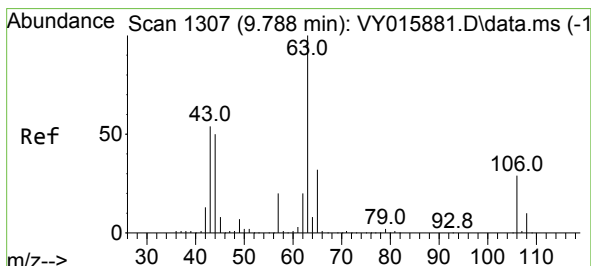
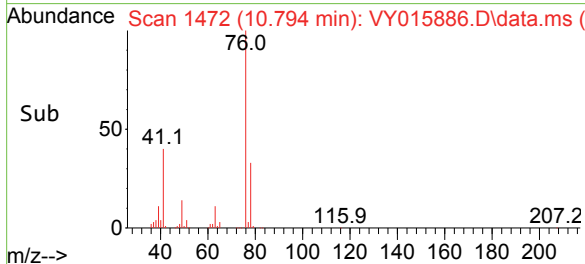
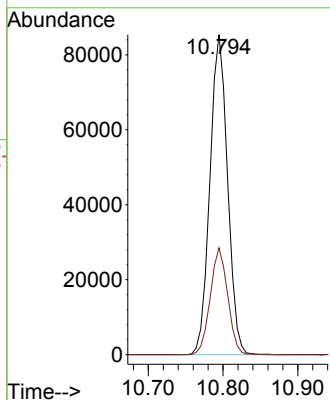
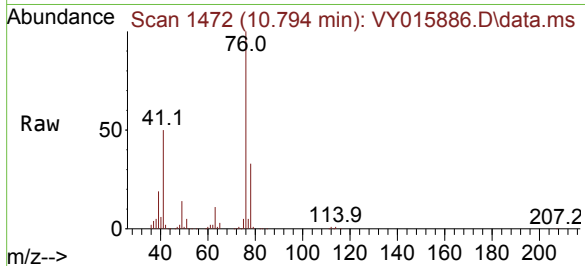




#57
1,3-Dichloropropane
Concen: 46.912 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

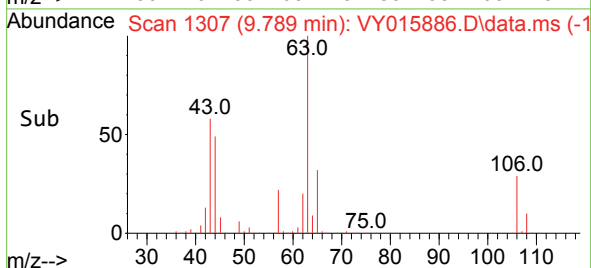
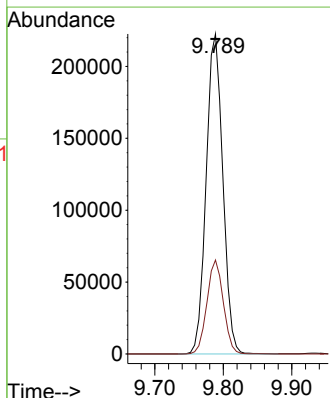
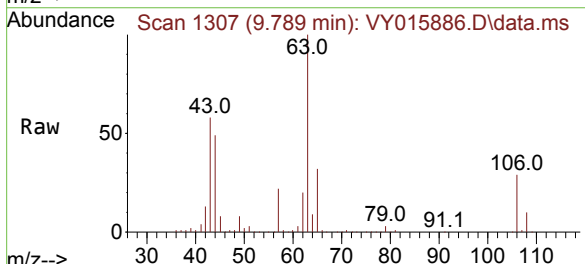
Instrument :
MSVOA_Y
ClientSampleId :

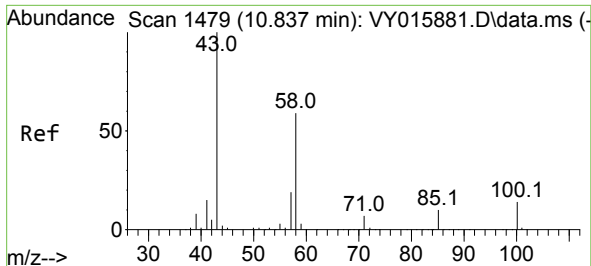
Tgt Ion: 76 Resp: 139775
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 245.867 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion: 63 Resp: 375983
Ion Ratio Lower Upper
63 100
106 28.9 21.2 31.8

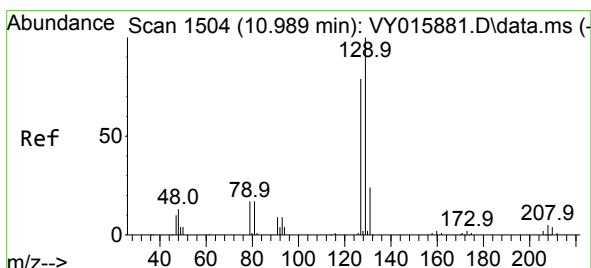
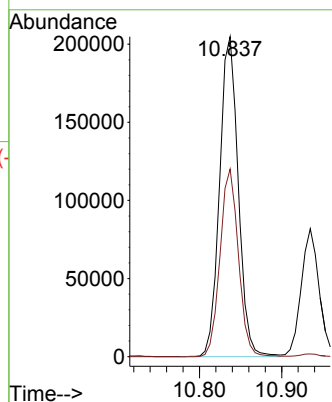
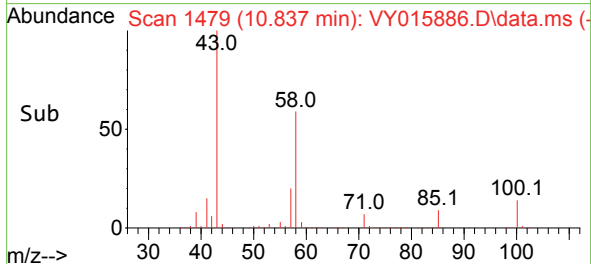
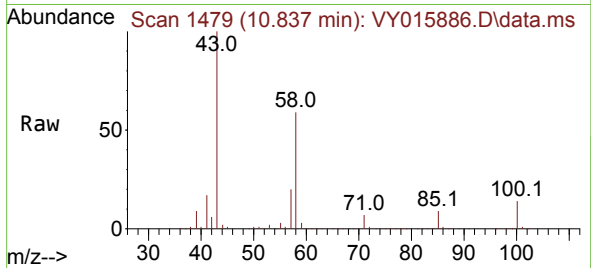




#59
2-Hexanone
Concen: 217.840 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

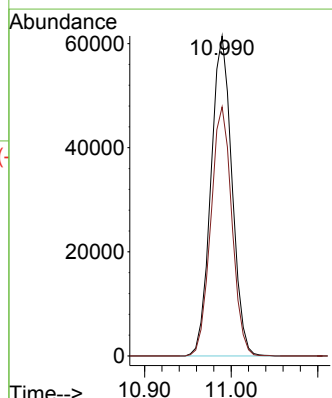
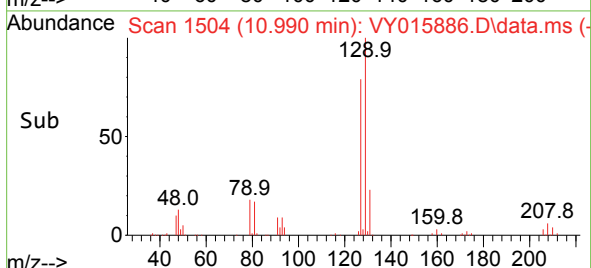
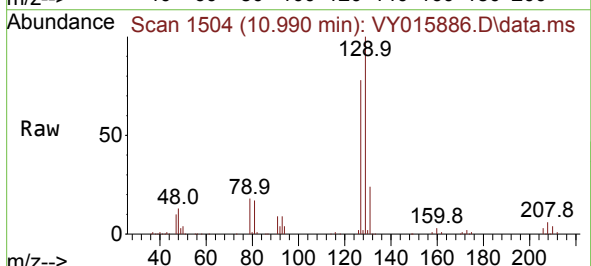
Instrument :
MSVOA_Y
ClientSampleId :

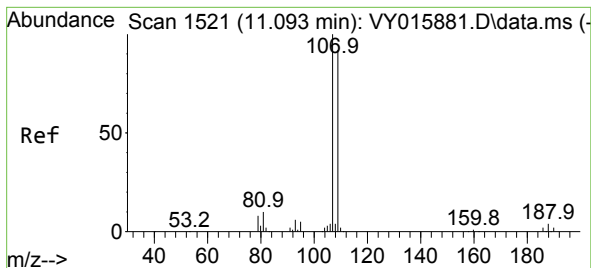
Tgt Ion: 43 Resp: 323422
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3



#60
Dibromochloromethane
Concen: 46.778 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion:129 Resp: 103635
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

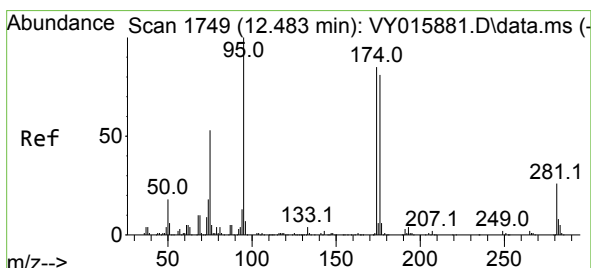
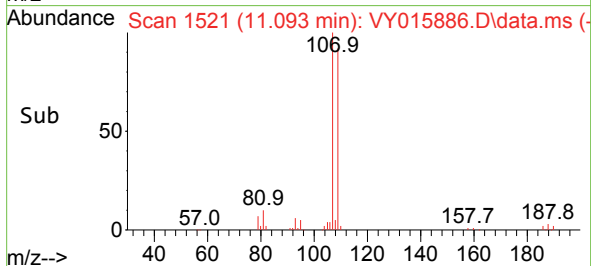
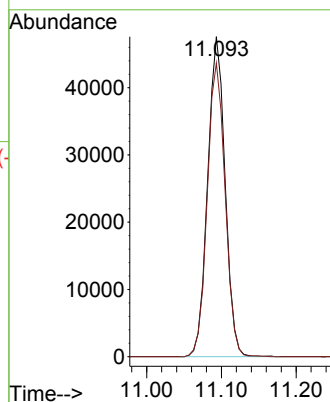
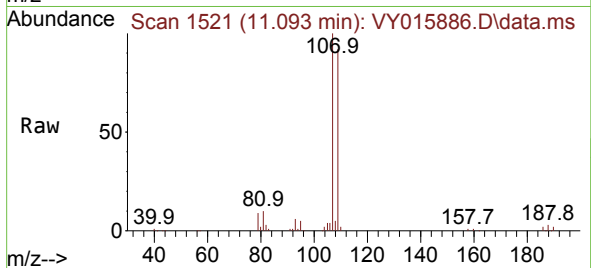




#61
1,2-Dibromoethane
Concen: 45.770 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

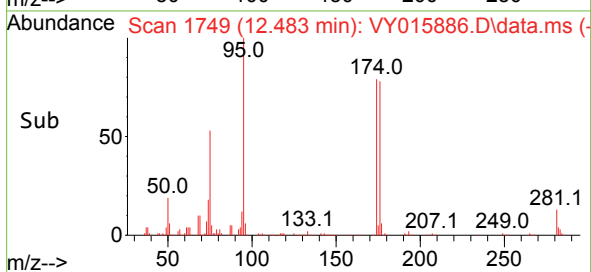
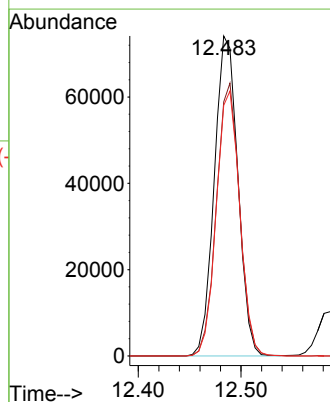
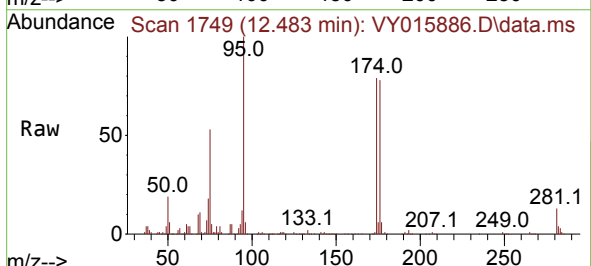
Instrument :
MSVOA_Y
ClientSampleId :

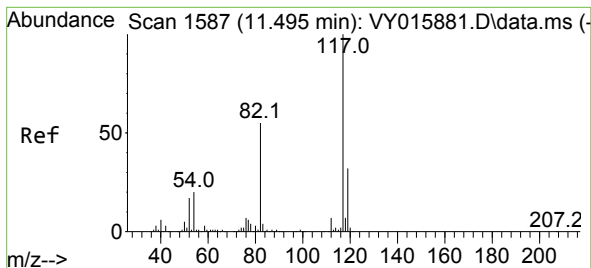
Tgt Ion:107 Resp: 77252
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.248 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion: 95 Resp: 117827
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 82.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

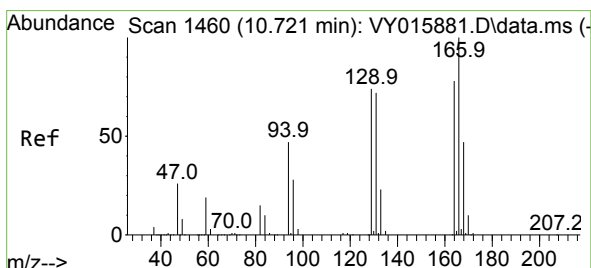
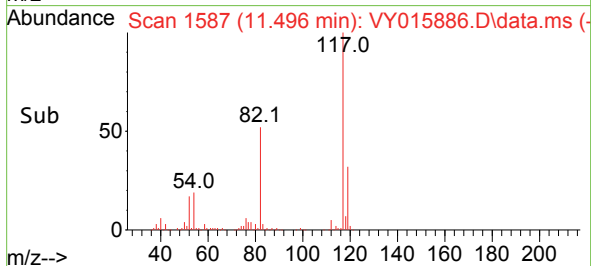
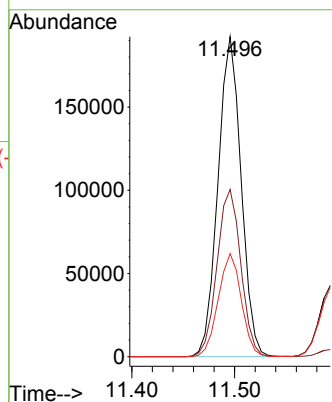
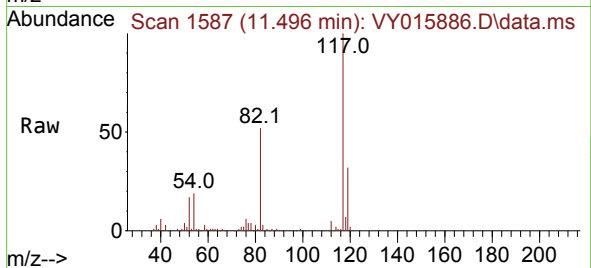
Tgt Ion:117 Resp: 300503

Ion Ratio Lower Upper

117 100

82 52.2 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 47.500 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Tgt Ion:164 Resp: 93153

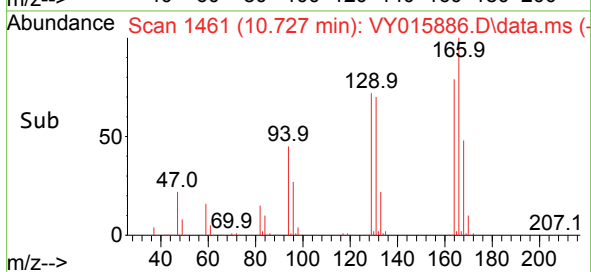
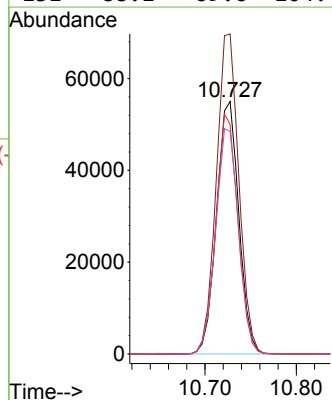
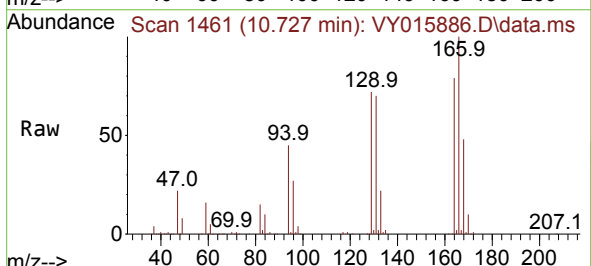
Ion Ratio Lower Upper

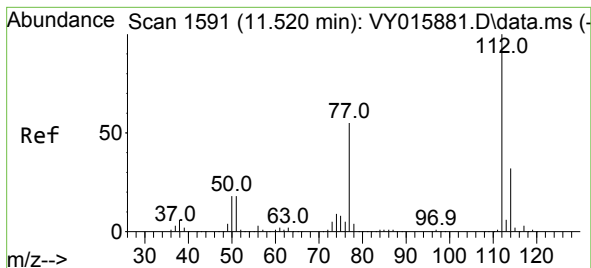
164 100

166 126.7 103.0 154.6

129 90.9 77.2 115.8

131 88.1 69.6 104.4





#65

Chlorobenzene

Concen: 48.000 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

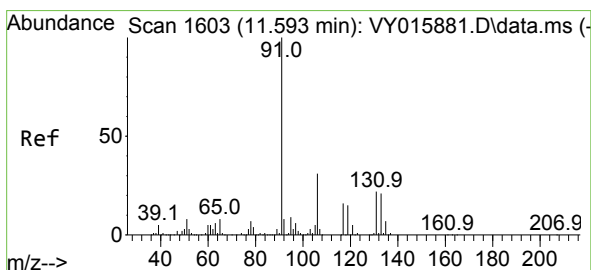
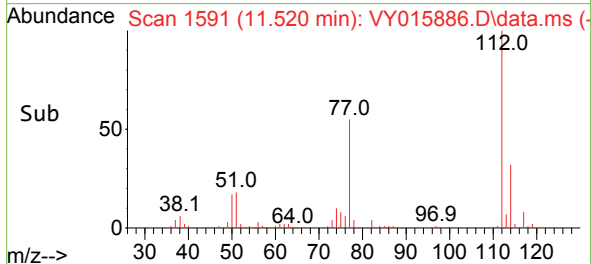
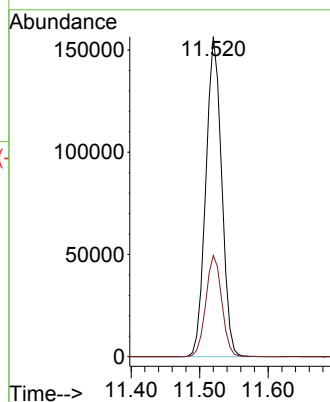
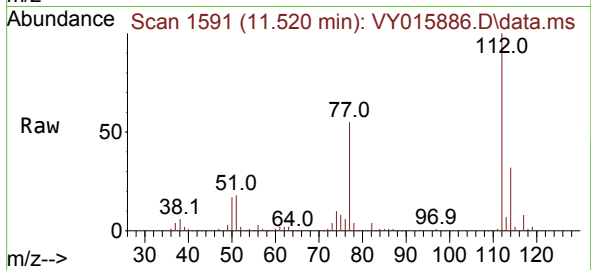
ClientSampleId :

Tgt Ion:112 Resp: 251599

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 48.103 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

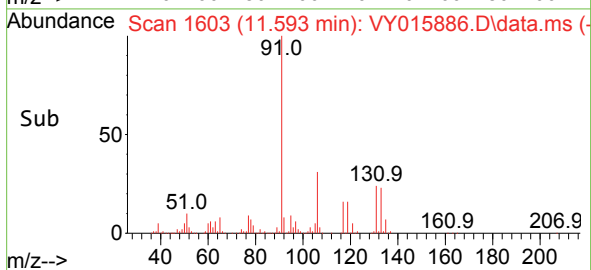
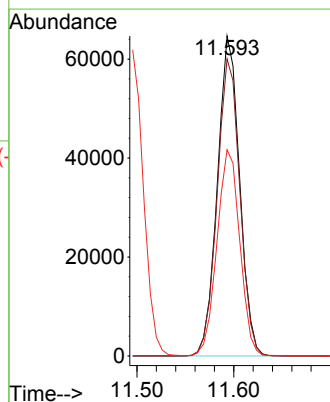
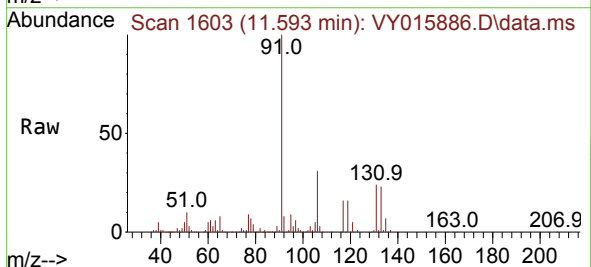
Tgt Ion:131 Resp: 103055

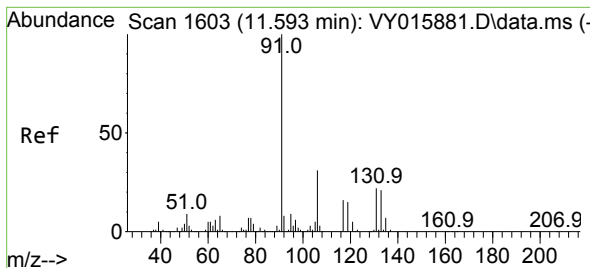
Ion Ratio Lower Upper

131 100

133 94.6 47.5 142.6

119 66.2 31.6 94.7





#67

Ethyl Benzene

Concen: 48.156 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

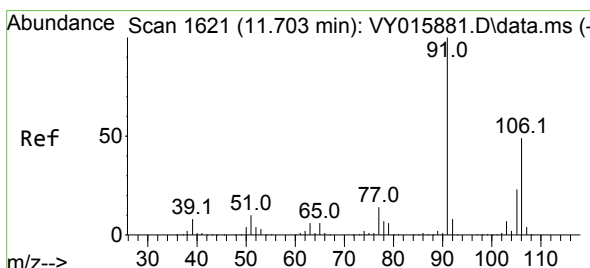
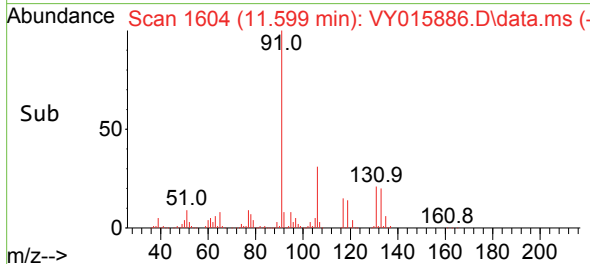
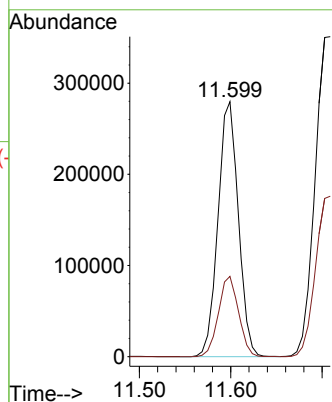
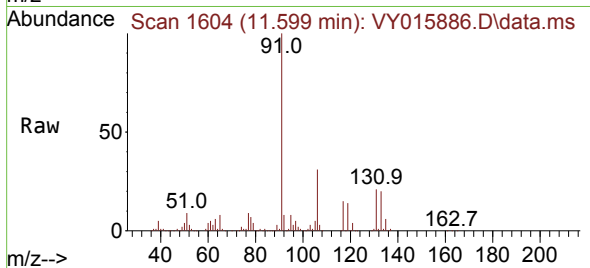
ClientSampleId :

Tgt Ion: 91 Resp: 433033

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 97.747 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015886.D

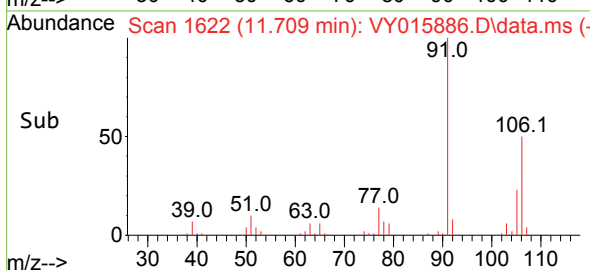
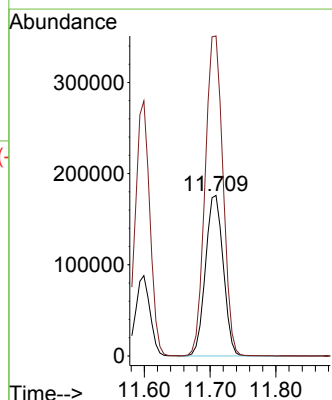
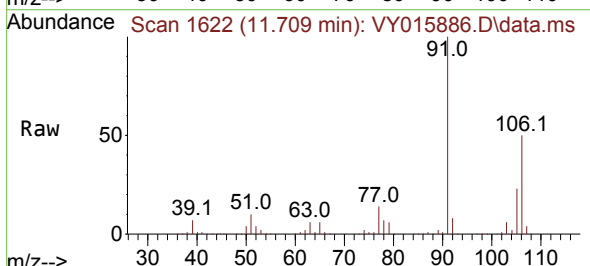
Acq: 10 Oct 2023 09:42

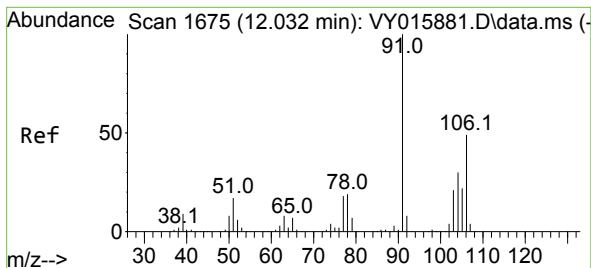
Tgt Ion:106 Resp: 331210

Ion Ratio Lower Upper

106 100

91 199.7 166.1 249.1





#69

o-Xylene

Concen: 48.704 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

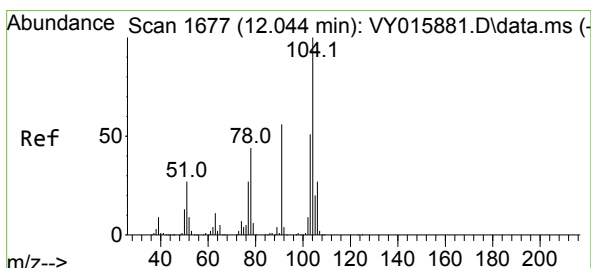
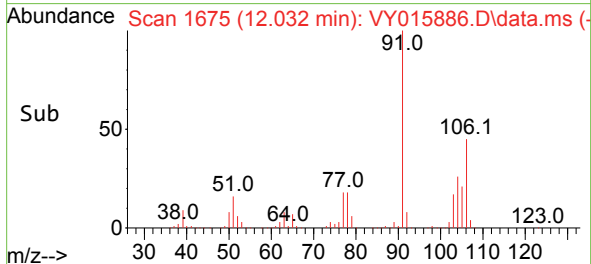
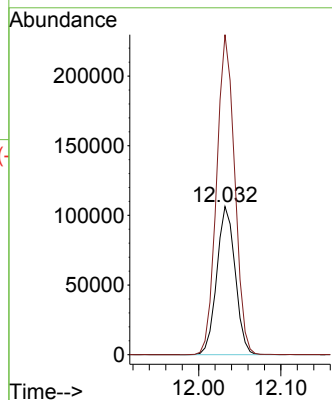
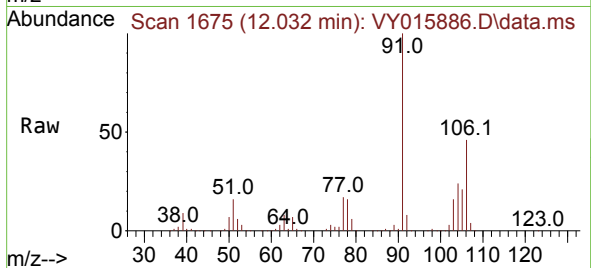
ClientSampleId :

Tgt Ion:106 Resp: 165121

Ion Ratio Lower Upper

106 100

91 212.7 108.1 324.3



#70

Styrene

Concen: 49.109 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

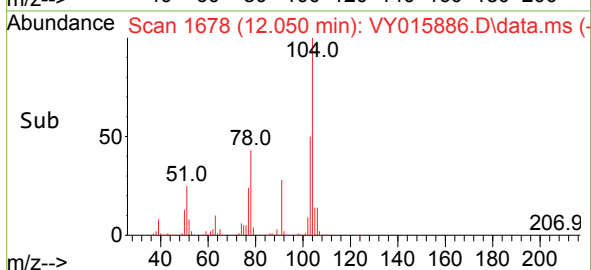
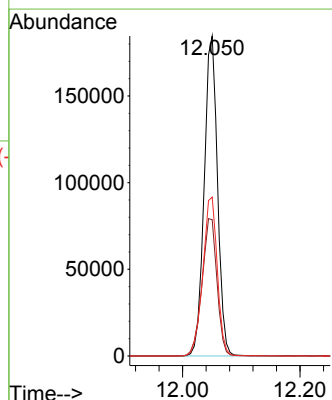
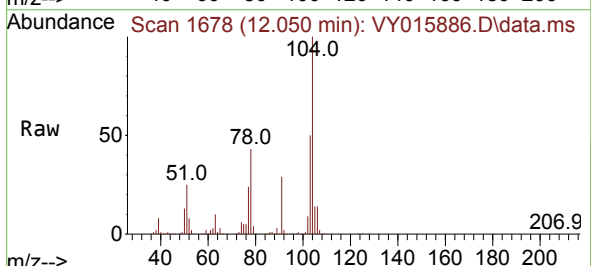
Tgt Ion:104 Resp: 290488

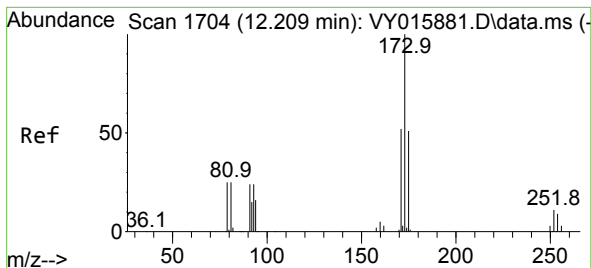
Ion Ratio Lower Upper

104 100

78 47.9 41.5 62.3

103 54.0 44.6 67.0





#71

Bromoform

Concen: 45.817 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

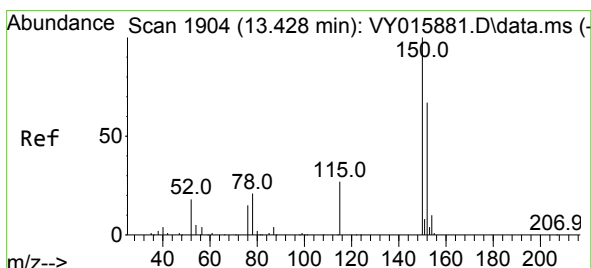
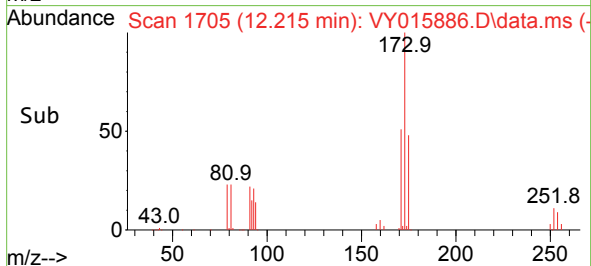
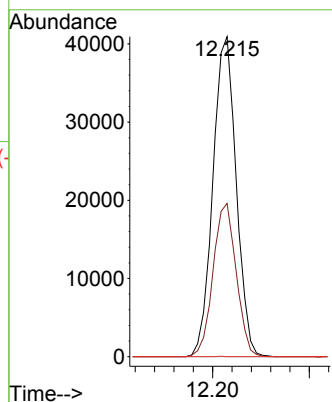
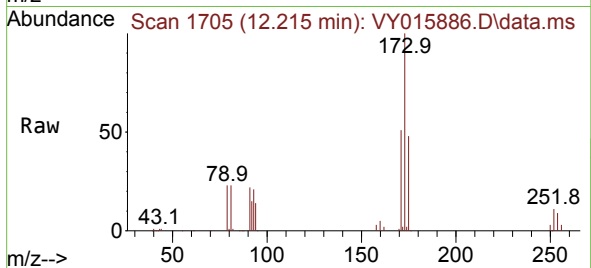
Tgt Ion:173 Resp: 68354

Ion Ratio Lower Upper

173 100

175 47.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

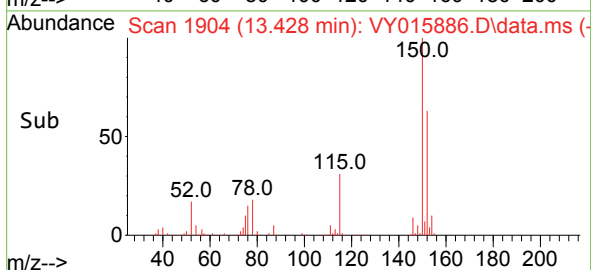
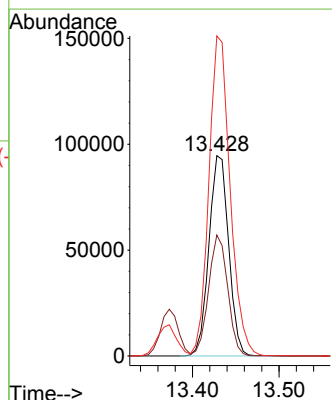
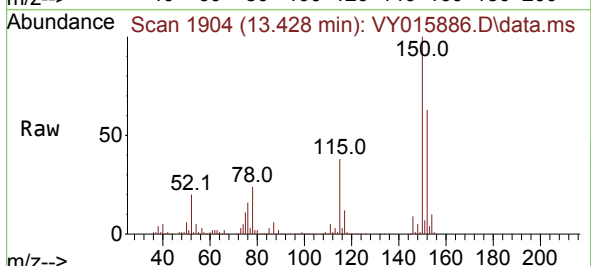
Tgt Ion:152 Resp: 149710

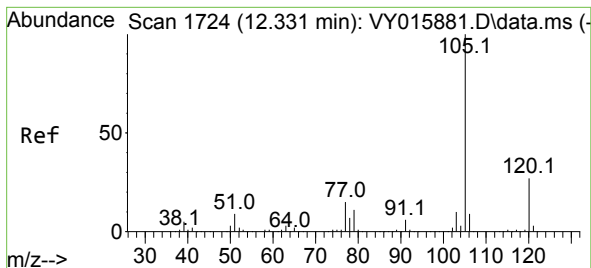
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 172.0 0.0 348.8





#73

Isopropylbenzene

Concen: 47.326 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

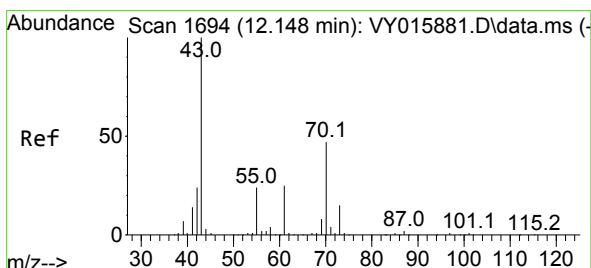
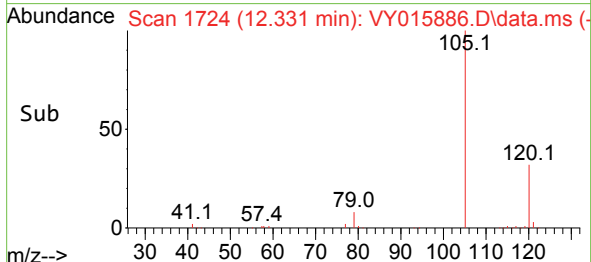
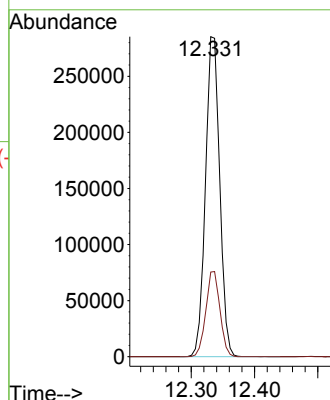
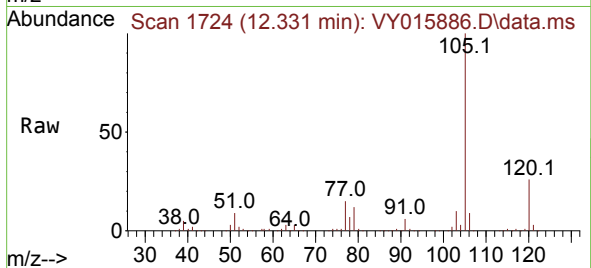
ClientSampleId :

Tgt Ion:105 Resp: 446943

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



#74

N-ethyl acetate

Concen: 44.252 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Tgt Ion: 43 Resp: 131702

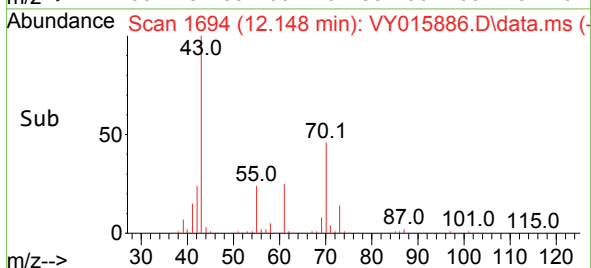
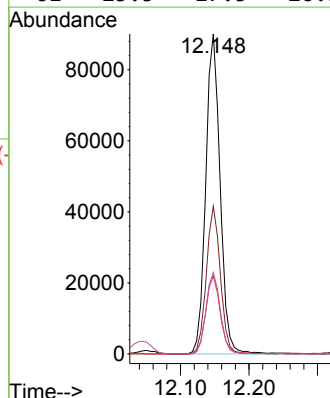
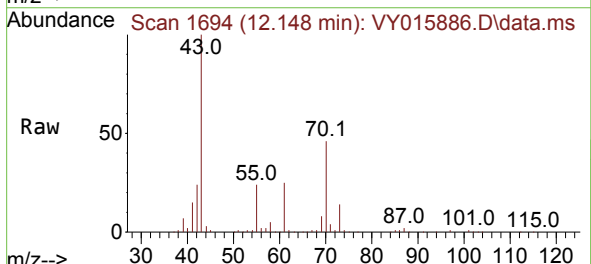
Ion Ratio Lower Upper

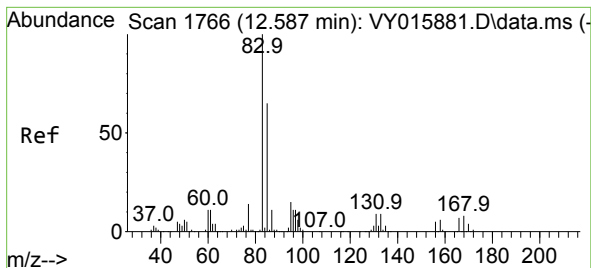
43 100

70 45.2 29.7 44.5#

55 24.7 18.3 27.5

61 25.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 42.855 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

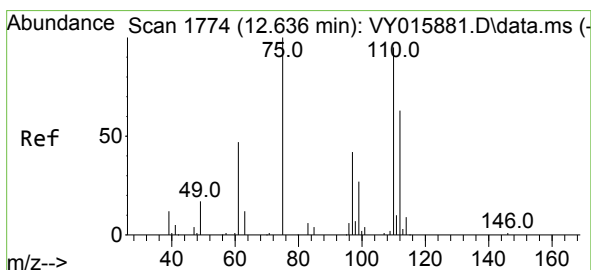
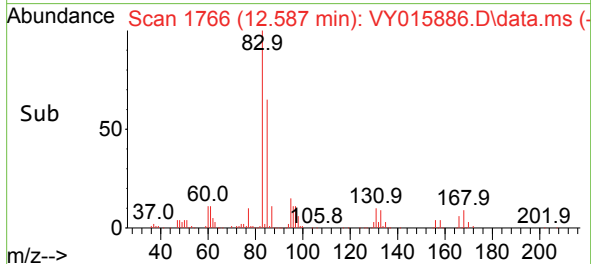
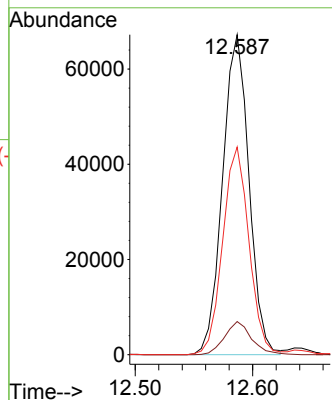
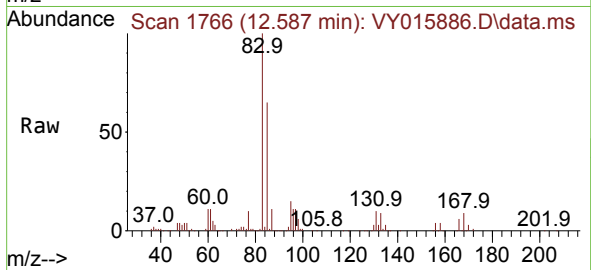
Tgt Ion: 83 Resp: 104942

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 76.973 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY015886.D

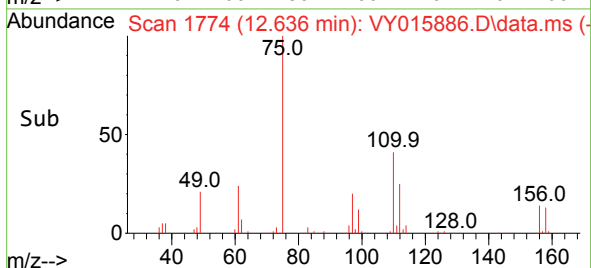
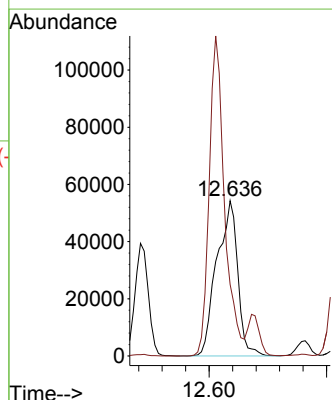
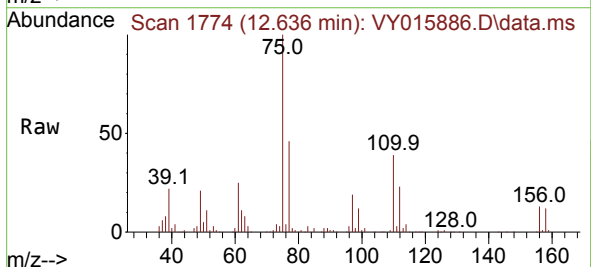
Acq: 10 Oct 2023 09:42

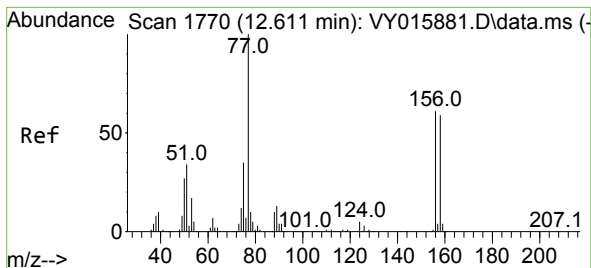
Tgt Ion: 75 Resp: 134524

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.677 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

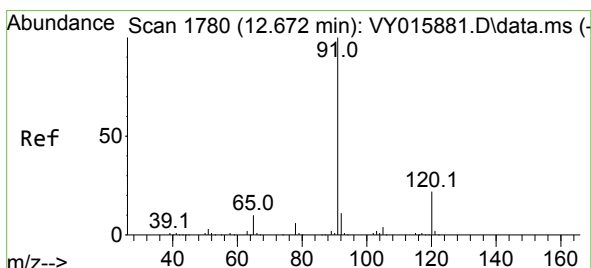
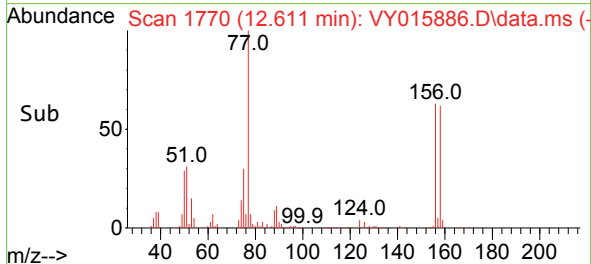
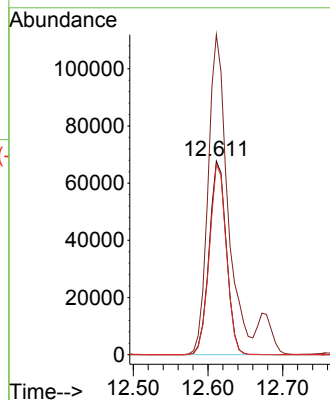
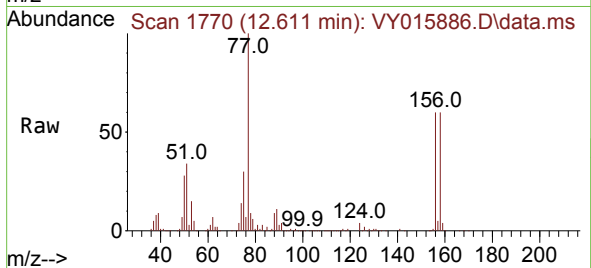
Tgt Ion:156 Resp: 108088

Ion Ratio Lower Upper

156 100

77 188.4 92.8 278.6

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 47.422 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY015886.D

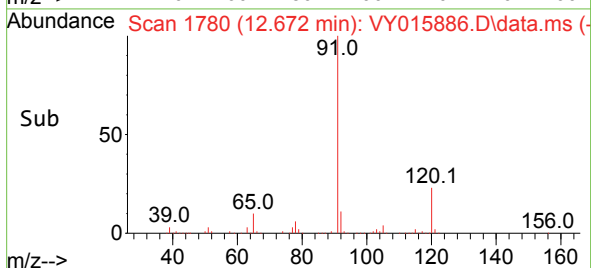
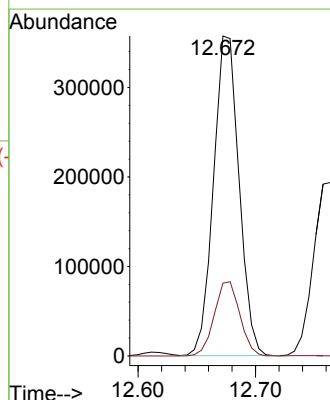
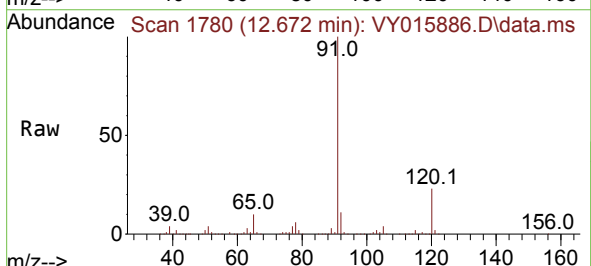
Acq: 10 Oct 2023 09:42

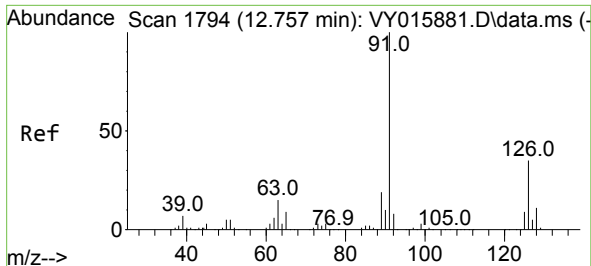
Tgt Ion: 91 Resp: 538568

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4

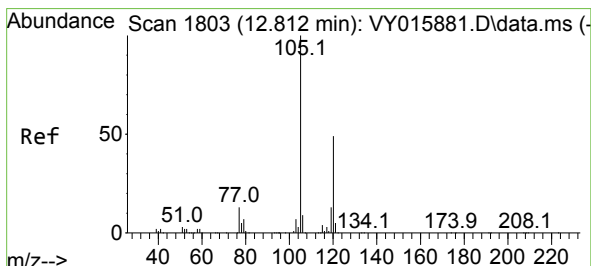
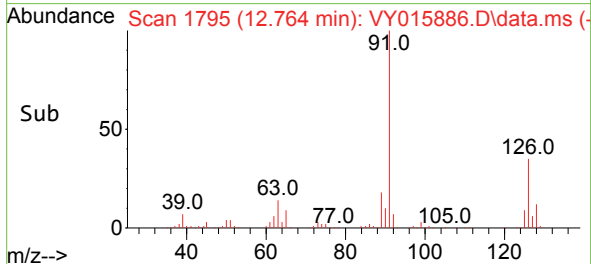
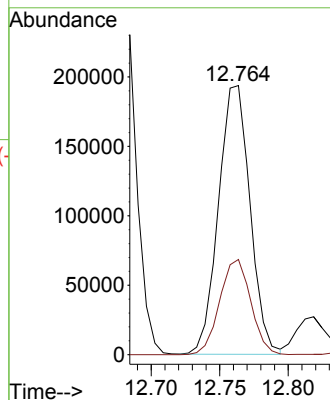
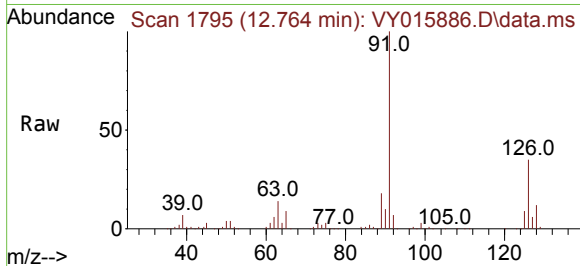




#79
2-Chlorotoluene
Concen: 47.993 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

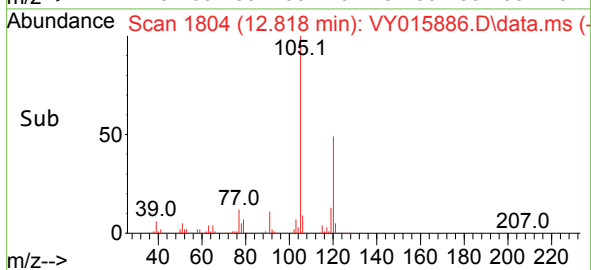
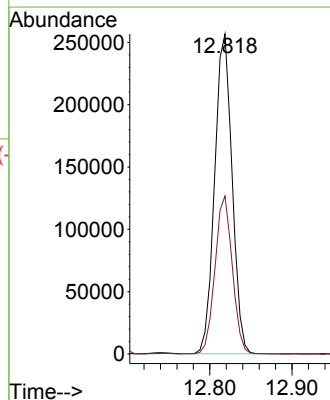
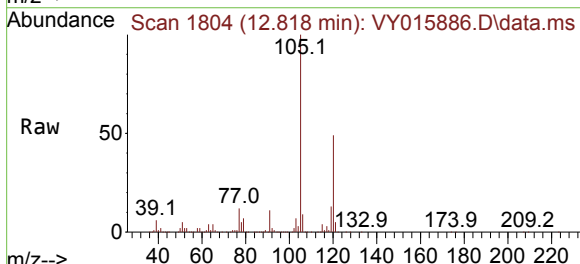
Instrument :
MSVOA_Y
ClientSampleId :

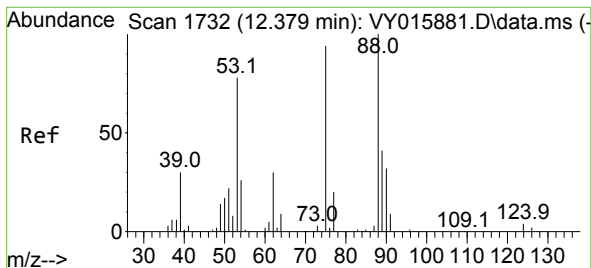
Tgt Ion: 91 Resp: 310480
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 48.629 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion:105 Resp: 378505
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7

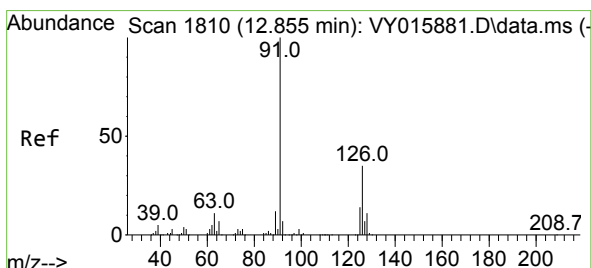
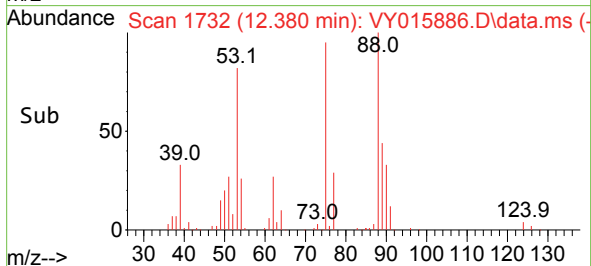
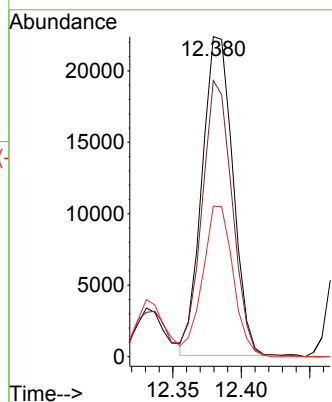
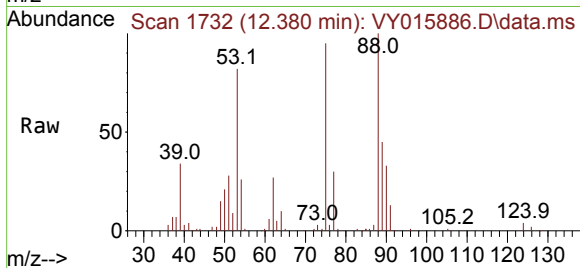




#81
trans-1,4-Dichloro-2-butene
Concen: 44.372 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

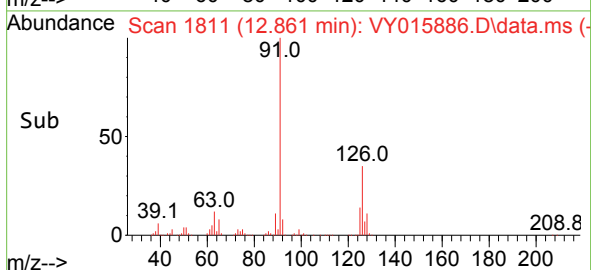
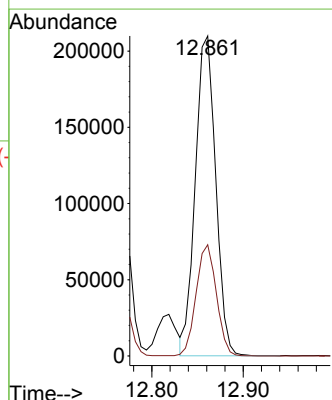
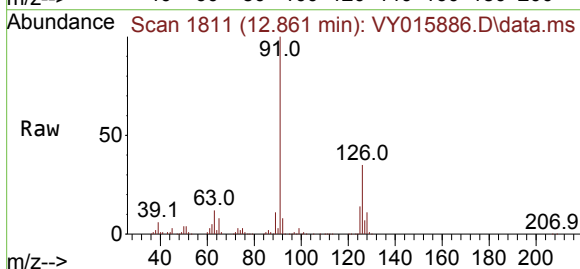
Instrument :
MSVOA_Y
ClientSampleId :

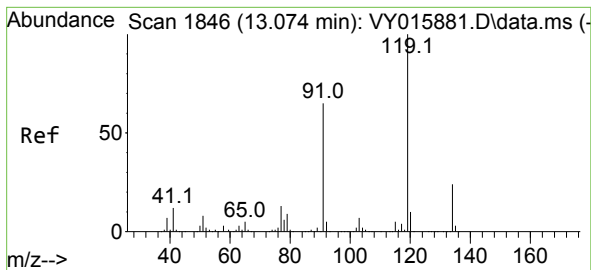
Tgt Ion: 75 Resp: 34971
Ion Ratio Lower Upper
75 100
53 85.0 77.8 116.8
89 46.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.228 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion: 91 Resp: 325131
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6

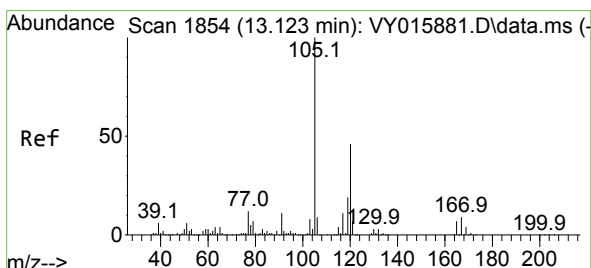
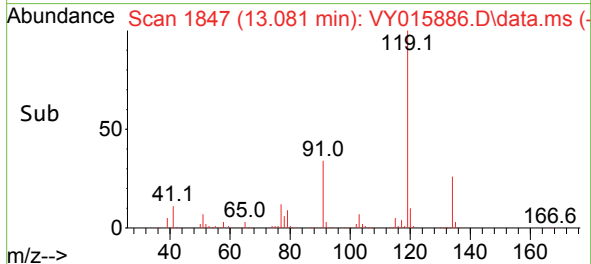
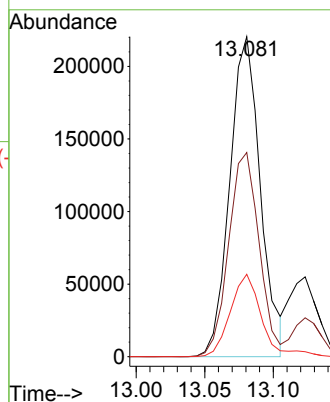
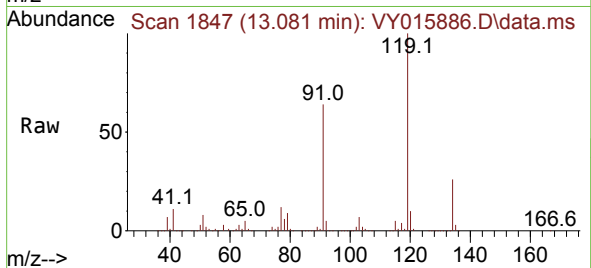




#83
 tert-Butylbenzene
 Concen: 47.190 ug/l
 RT: 13.081 min Scan# 119
 Delta R.T. 0.006 min
 Lab File: VY015886.D
 Acq: 10 Oct 2023 09:42

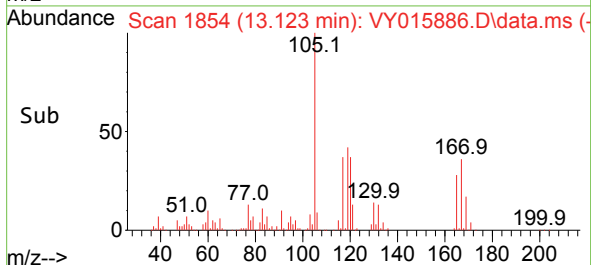
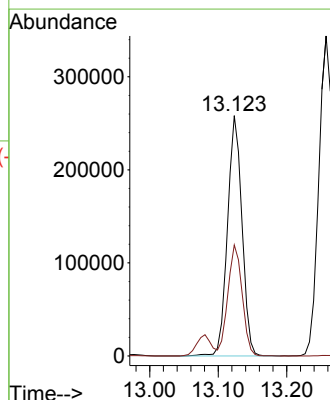
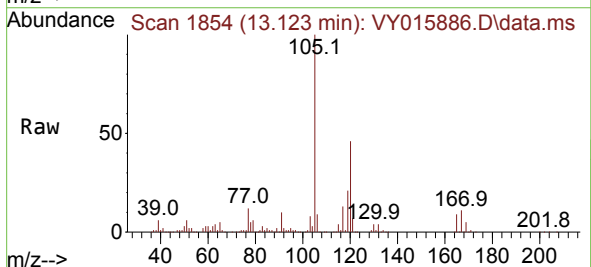
Instrument :
 MSVOA_Y
 ClientSampleId :

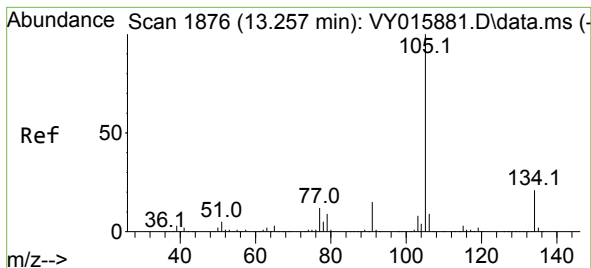
Tgt Ion:119 Resp: 342794
 Ion Ratio Lower Upper
 119 100
 91 63.6 32.9 98.6
 134 26.3 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.258 ug/l
 RT: 13.123 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VY015886.D
 Acq: 10 Oct 2023 09:42

Tgt Ion:105 Resp: 378255
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.670 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

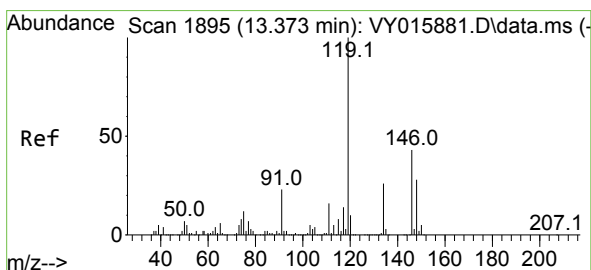
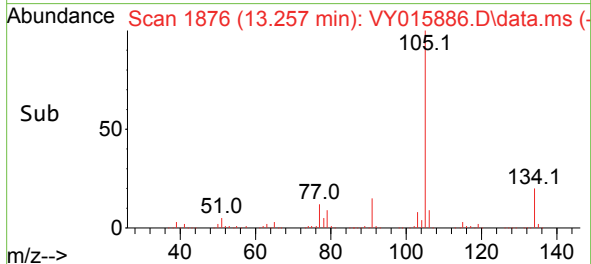
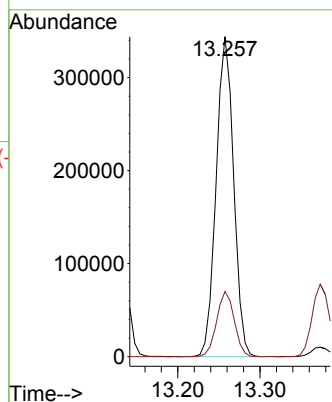
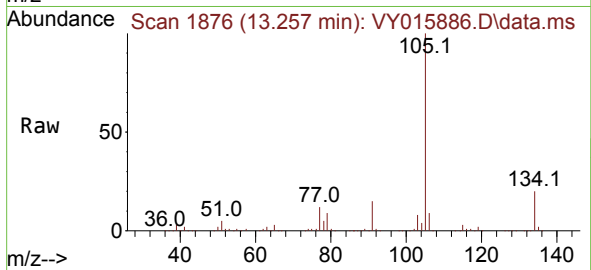
ClientSampleId :

Tgt Ion:105 Resp: 507836

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.214 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

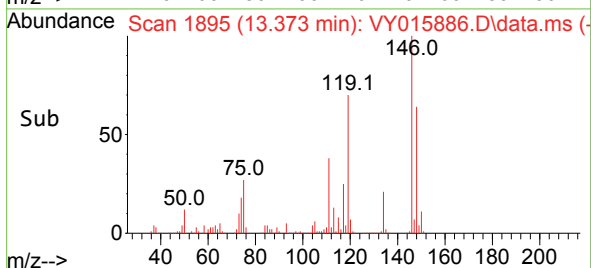
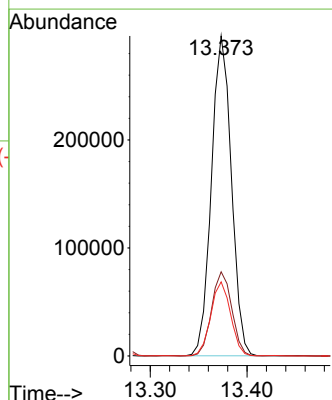
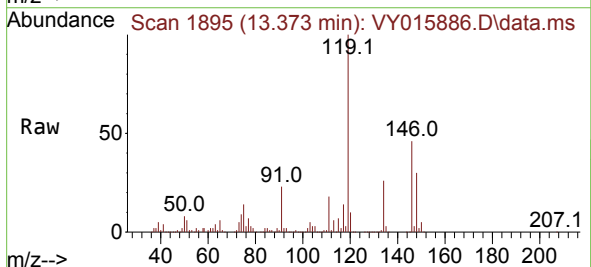
Tgt Ion:119 Resp: 424898

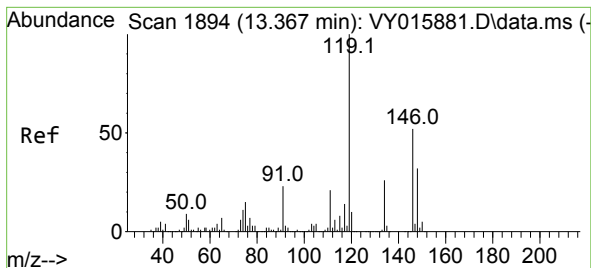
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.949 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

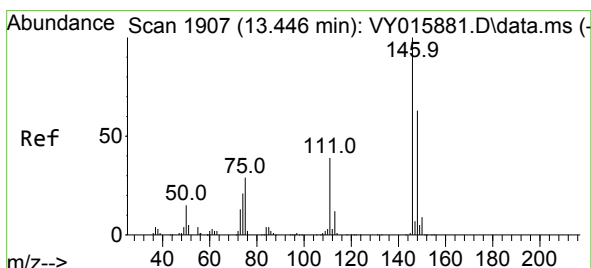
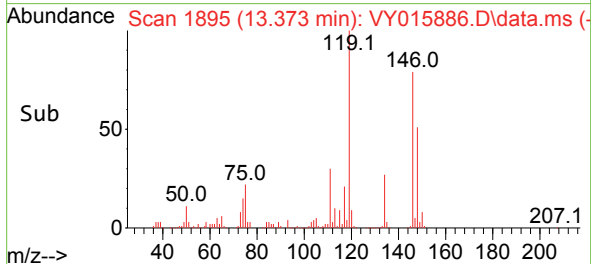
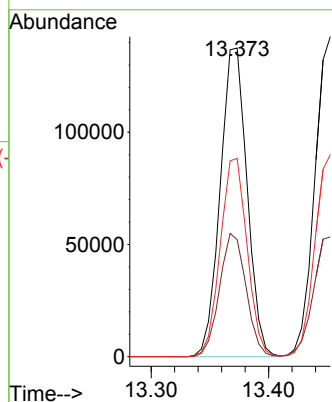
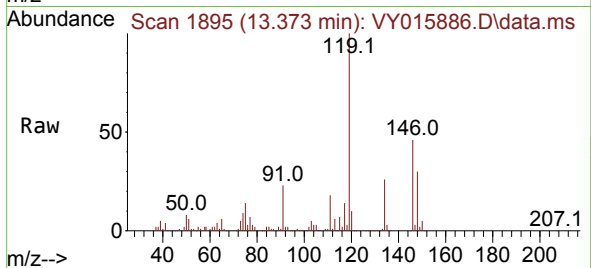
Tgt Ion:146 Resp: 218880

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.820 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

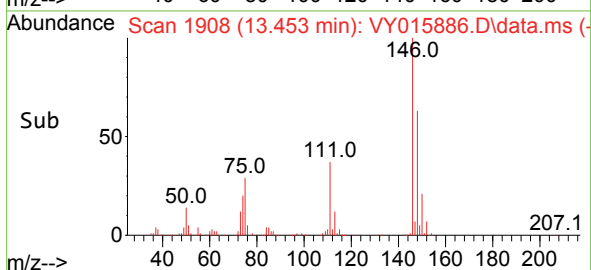
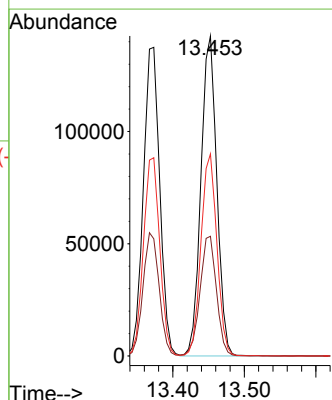
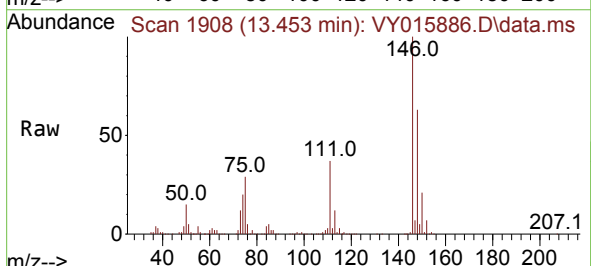
Tgt Ion:146 Resp: 219813

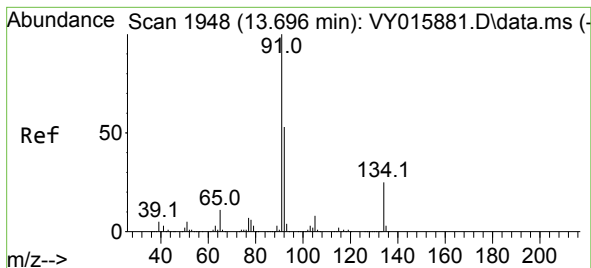
Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.7

148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 48.444 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

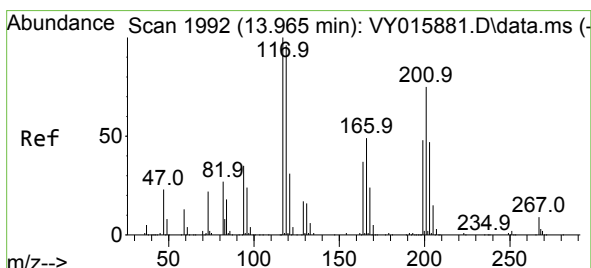
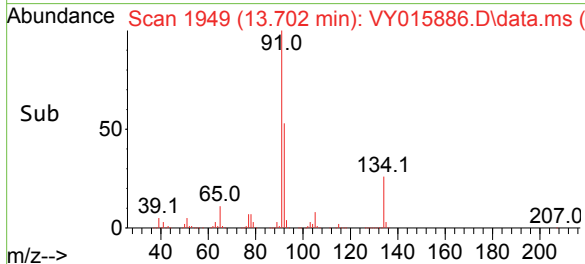
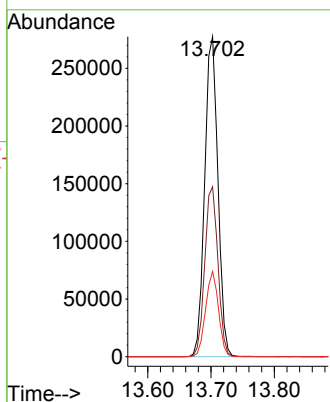
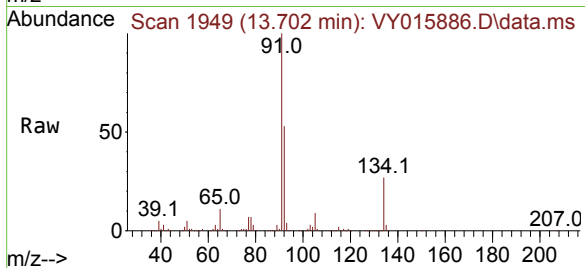
Tgt Ion: 91 Resp: 404004

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.0 12.6 37.6



#90

Hexachloroethane

Concen: 47.694 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY015886.D

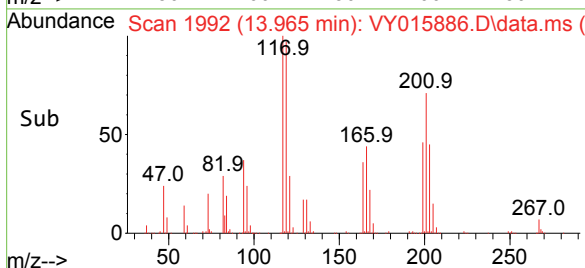
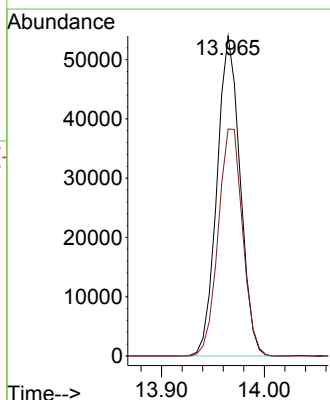
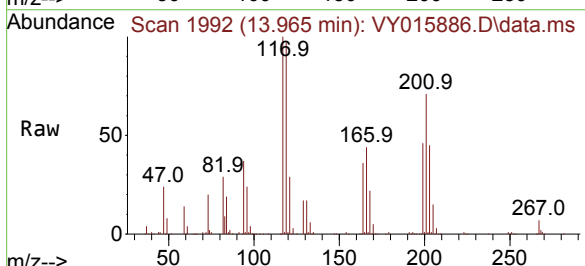
Acq: 10 Oct 2023 09:42

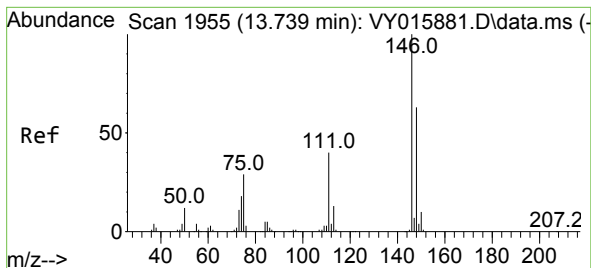
Tgt Ion: 117 Resp: 84351

Ion Ratio Lower Upper

117 100

201 74.9 41.6 124.8

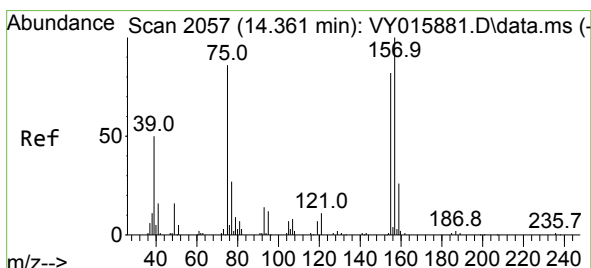
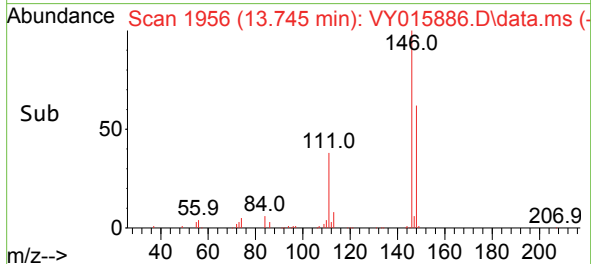
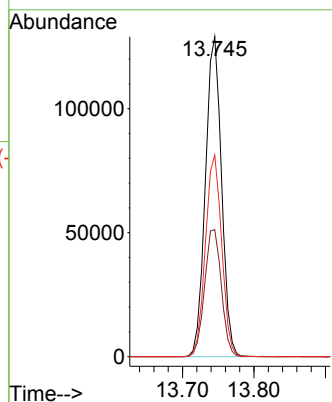
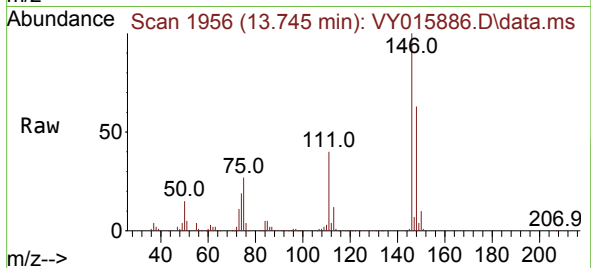




#91
1,2-Dichlorobenzene
Concen: 46.660 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

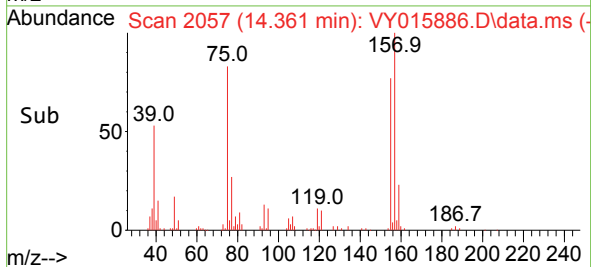
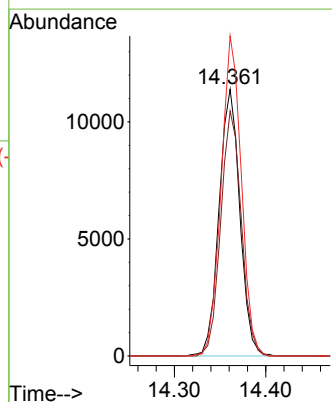
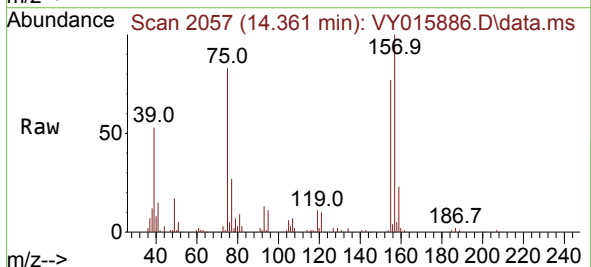
Instrument :
MSVOA_Y
ClientSampleId :

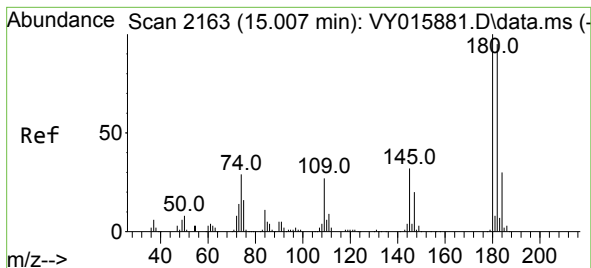
Tgt Ion:146 Resp: 202206
Ion Ratio Lower Upper
146 100
111 41.4 19.7 59.0
148 63.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.728 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY015886.D
Acq: 10 Oct 2023 09:42

Tgt Ion: 75 Resp: 17945
Ion Ratio Lower Upper
75 100
155 91.0 41.5 124.6
157 117.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.216 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

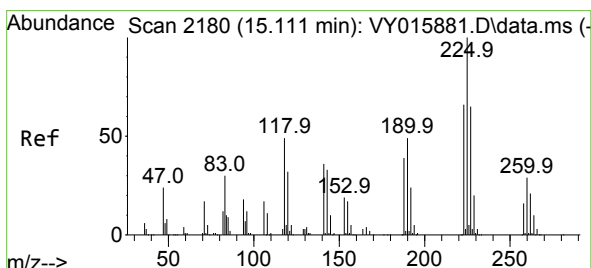
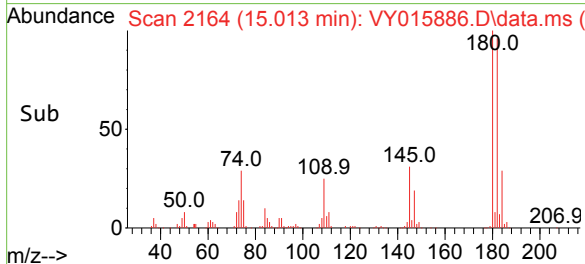
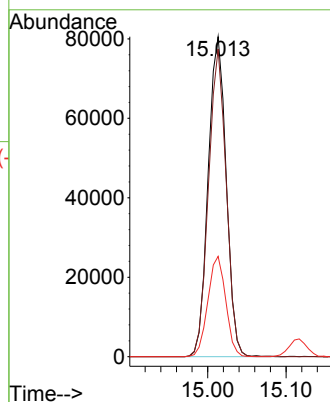
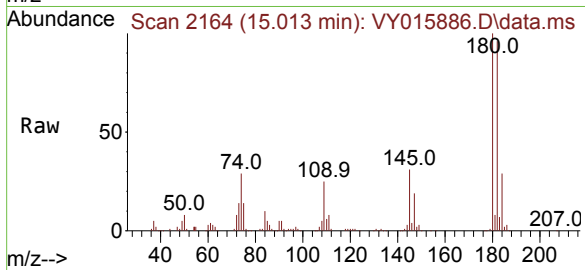
Tgt Ion:180 Resp: 128359

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 31.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 47.730 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

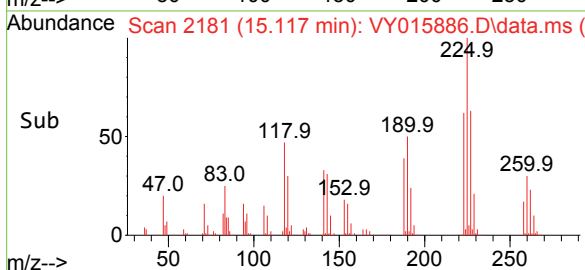
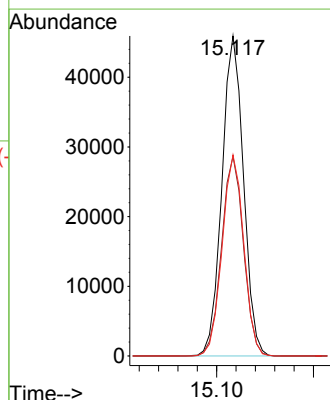
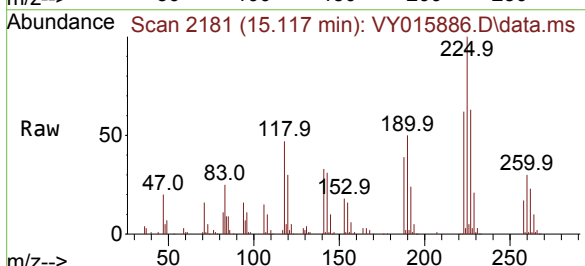
Tgt Ion:225 Resp: 70985

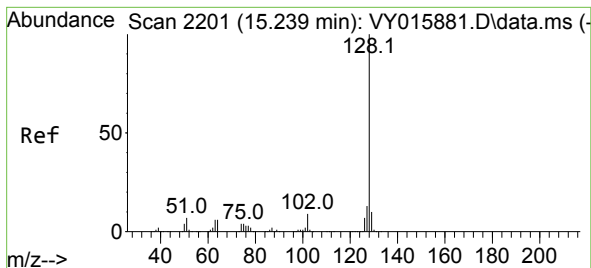
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 62.9 33.0 98.9





#95

Naphthalene

Concen: 43.514 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Instrument :

MSVOA_Y

ClientSampleId :

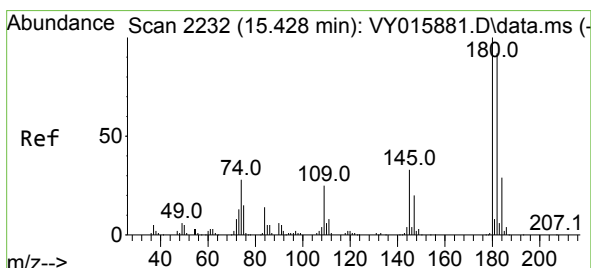
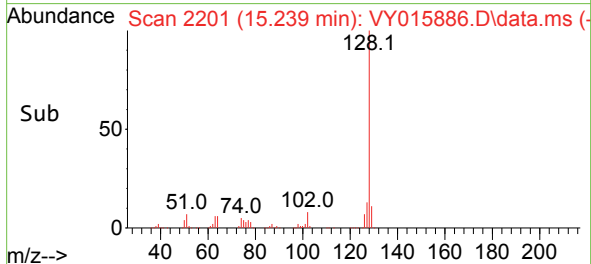
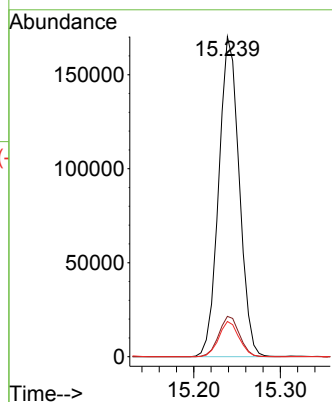
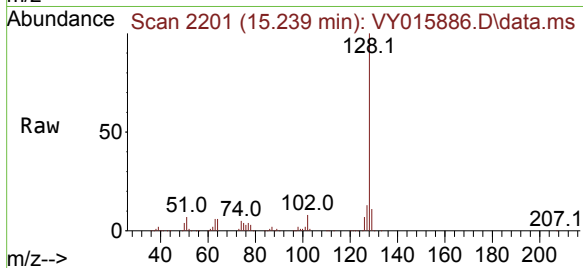
Tgt Ion:128 Resp: 279578

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.590 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015886.D

Acq: 10 Oct 2023 09:42

Tgt Ion:180 Resp: 115104

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.8

145 32.2 15.4 46.2

