

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013261.D
 Acq On : 12 Apr 2023 11:33
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 13 04:55:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 04:49:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	256805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	401305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	356338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177083	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58503	18.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.920%#
35) Dibromofluoromethane	7.716	113	49797	19.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.340%#
50) Toluene-d8	10.179	98	187485	19.388	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	38.780%#
62) 4-Bromofluorobenzene	12.477	95	61035	19.425	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	38.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	42484	18.381	ug/l	94
3) Chloromethane	2.107	50	56097	19.373	ug/l	98
4) Vinyl Chloride	2.247	62	52883	19.263	ug/l	96
5) Bromomethane	2.650	94	40281	19.134	ug/l	91
6) Chloroethane	2.790	64	36825	19.890	ug/l	95
7) Trichlorofluoromethane	3.125	101	80770	18.903	ug/l	98
8) Diethyl Ether	3.521	74	29791	19.190	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	47644	18.975	ug/l	98
10) Methyl Iodide	4.088	142	57809	18.769	ug/l	95
11) Tert butyl alcohol	4.936	59	50957	103.315	ug/l #	74
12) 1,1-Dichloroethene	3.875	96	46236	19.133	ug/l	96
13) Acrolein	3.729	56	36660	96.697	ug/l	99
14) Allyl chloride	4.478	41	89061	19.293	ug/l	94
15) Acrylonitrile	5.161	53	83049	93.095	ug/l	99
16) Acetone	3.954	43	88994	83.886	ug/l	95
17) Carbon Disulfide	4.192	76	154963	19.478	ug/l	99
18) Methyl Acetate	4.472	43	63367	18.464	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	138658	19.155	ug/l	98
20) Methylene Chloride	4.716	84	61221	18.584	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	53758	19.488	ug/l	95
22) Diisopropyl ether	6.112	45	183583	20.180	ug/l	91
23) Vinyl Acetate	6.057	43	556664	96.792	ug/l	97
24) 1,1-Dichloroethane	6.015	63	100280	19.733	ug/l	97
25) 2-Butanone	6.984	43	122131	89.891	ug/l	93
26) 2,2-Dichloropropane	6.978	77	89355	19.599	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	58191	19.400	ug/l	94
28) Bromochloromethane	7.326	49	41558	20.519	ug/l	94
29) Tetrahydrofuran	7.350	42	78370	94.972	ug/l	96
30) Chloroform	7.502	83	100778	19.597	ug/l	97
31) Cyclohexane	7.783	56	89994	19.285	ug/l #	92
32) 1,1,1-Trichloroethane	7.697	97	90534	19.460	ug/l	97
36) 1,1-Dichloropropene	7.911	75	77650	19.729	ug/l	98
37) Ethyl Acetate	7.069	43	59692	18.815	ug/l	95
38) Carbon Tetrachloride	7.899	117	84147	19.335	ug/l	98
39) Methylcyclohexane	9.179	83	86846	18.981	ug/l	90
40) Benzene	8.161	78	225469	19.793	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	74603	52.039	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	74665	19.332	ug/l	96
43) Isopropyl Acetate	8.270	43	95939	18.206	ug/l	99
44) Trichloroethene	8.935	130	58512	19.940	ug/l	92
45) 1,2-Dichloropropane	9.215	63	58716	19.859	ug/l	97
46) Dibromomethane	9.301	93	34284	19.267	ug/l	98
47) Bromodichloromethane	9.496	83	76945	18.915	ug/l	91
48) Methyl methacrylate	9.289	41	44421	18.352	ug/l	95
49) 1,4-Dioxane	9.307	88	8741	362.556	ug/l #	72
51) 4-Methyl-2-Pentanone	10.069	43	270036	94.158	ug/l	97
52) Toluene	10.240	92	136264	19.810	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	82738	19.421	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	89500	19.160	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	45069	19.209	ug/l	99
56) Ethyl methacrylate	10.508	69	60704	18.896	ug/l	94
57) 1,3-Dichloropropane	10.788	76	76969	19.288	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	138156	102.994	ug/l	97
59) 2-Hexanone	10.831	43	195162	93.589	ug/l	96
60) Dibromochloromethane	10.983	129	56102	19.070	ug/l	98
61) 1,2-Dibromoethane	11.087	107	44046	19.278	ug/l	99
64) Tetrachloroethene	10.721	164	48356	19.235	ug/l	97
65) Chlorobenzene	11.514	112	144721	19.415	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	54428	19.457	ug/l	99
67) Ethyl Benzene	11.593	91	257621	19.843	ug/l	100
68) m/p-Xylenes	11.703	106	198243	39.909	ug/l	97
69) o-Xylene	12.026	106	91498	19.889	ug/l	99
70) Styrene	12.044	104	153748	19.787	ug/l	97
71) Bromoform	12.203	173	37292	19.243	ug/l #	98
73) Isopropylbenzene	12.331	105	239371	19.707	ug/l	99
74) N-amyl acetate	12.142	43	83317	19.226	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	58224	19.404	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	74388	30.800	ug/l #	100
77) Bromobenzene	12.605	156	59058	19.443	ug/l	99
78) n-propylbenzene	12.672	91	301321	20.086	ug/l	100
79) 2-Chlorotoluene	12.751	91	168595	19.965	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	206745	20.320	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	20450	19.235	ug/l	98
82) 4-Chlorotoluene	12.855	91	180388	20.263	ug/l	97
83) tert-Butylbenzene	13.074	119	176438	20.210	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	199183	20.115	ug/l	98
85) sec-Butylbenzene	13.251	105	262882	20.136	ug/l	98
86) p-Isopropyltoluene	13.367	119	217392	20.292	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	117158	20.009	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	117428	19.846	ug/l	96
89) n-Butylbenzene	13.696	91	204703	19.978	ug/l	97
90) Hexachloroethane	13.958	117	44852	20.079	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	107458	20.168	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9712	17.823	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	61256	19.344	ug/l	97
94) Hexachlorobutadiene	15.111	225	36219	19.315	ug/l	99
95) Naphthalene	15.233	128	124022	17.979	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	54988	19.060	ug/l	97

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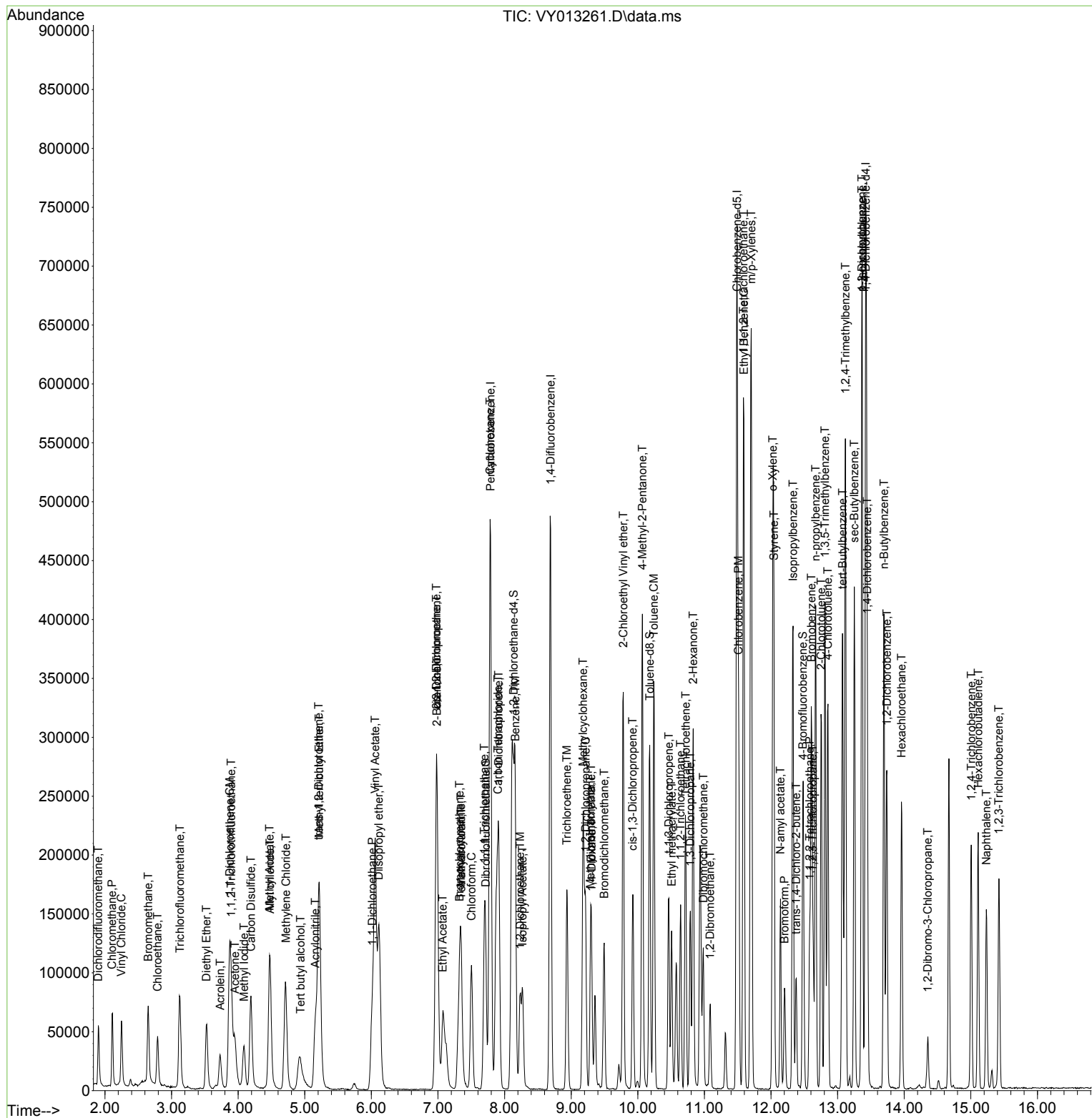
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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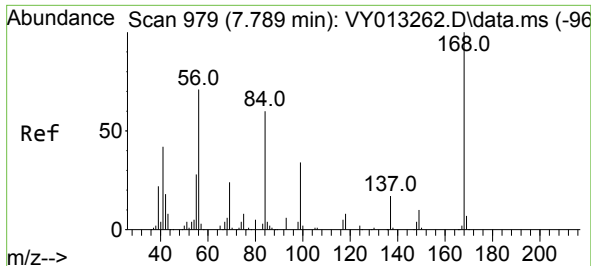
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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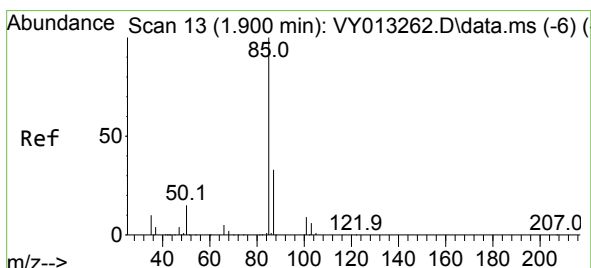
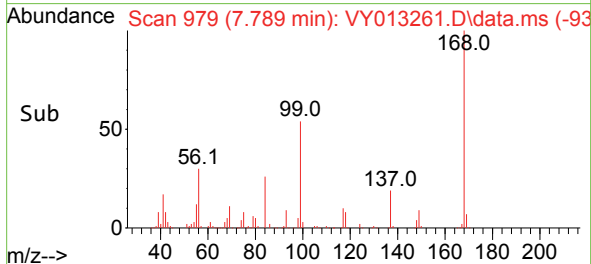
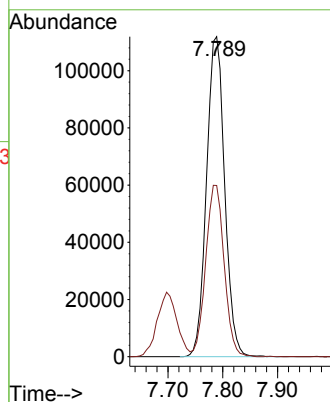
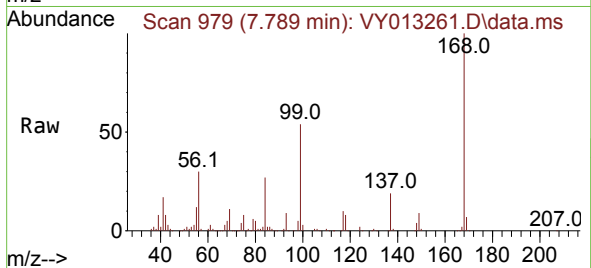




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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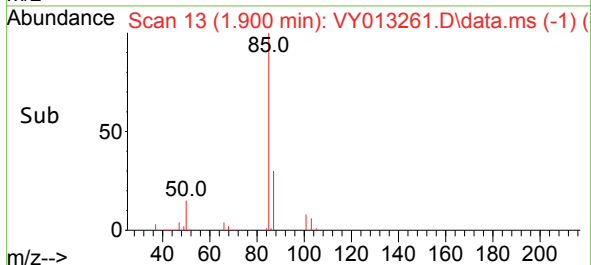
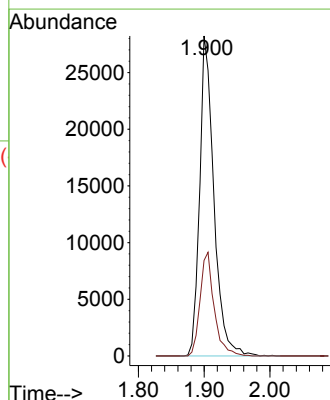
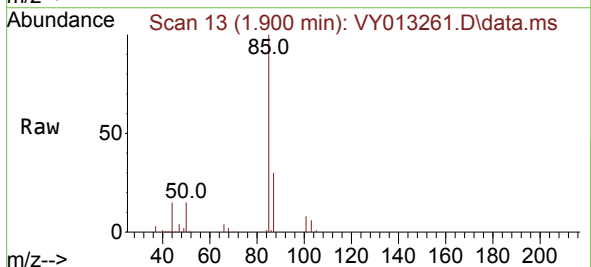
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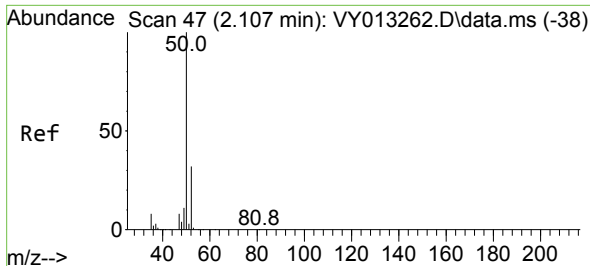
Tgt Ion:168 Resp: 256805
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 18.381 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 85 Resp: 42484
Ion Ratio Lower Upper
85 100
87 29.9 16.7 50.0

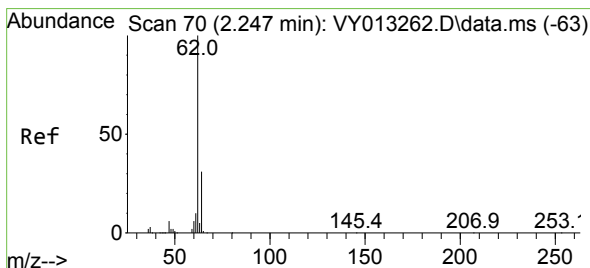
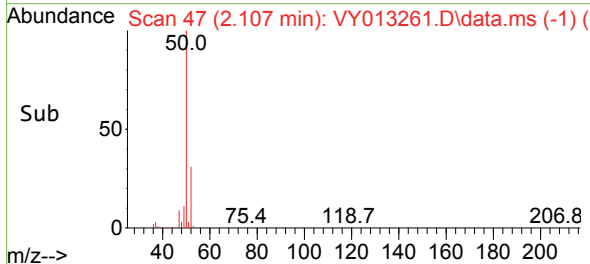
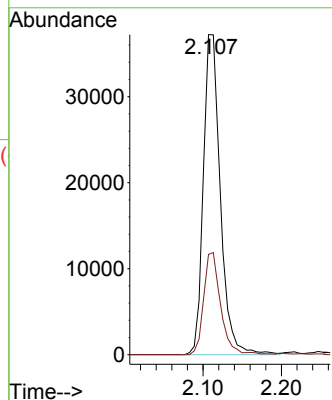
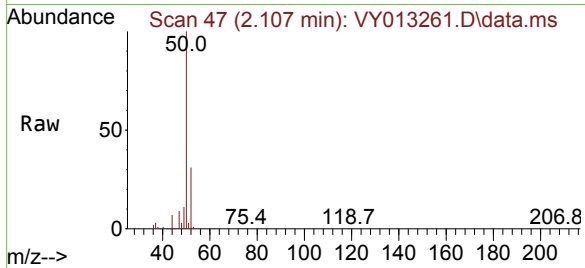




#3
Chloromethane
Concen: 19.373 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

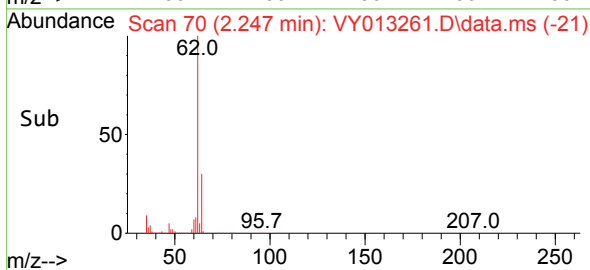
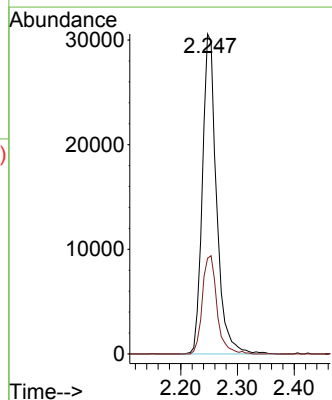
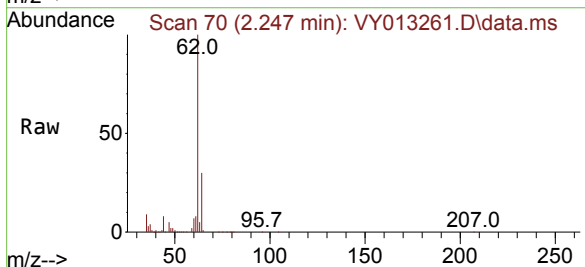
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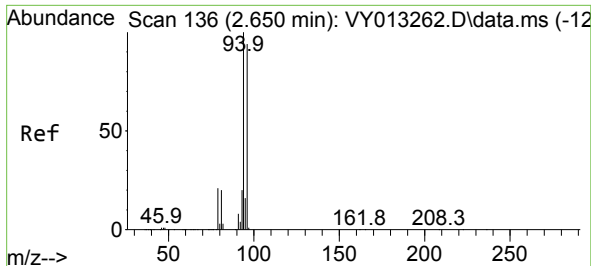
Tgt Ion: 50 Resp: 56097
Ion Ratio Lower Upper
50 100
52 31.3 26.0 39.0



#4
Vinyl Chloride
Concen: 19.263 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 62 Resp: 52883
Ion Ratio Lower Upper
62 100
64 29.9 25.6 38.4

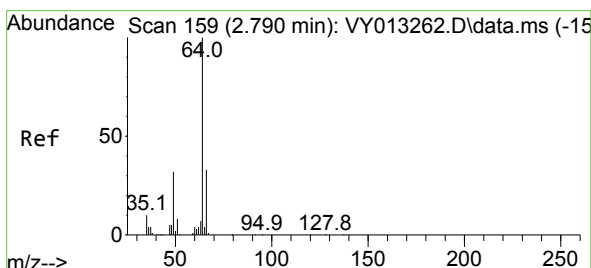
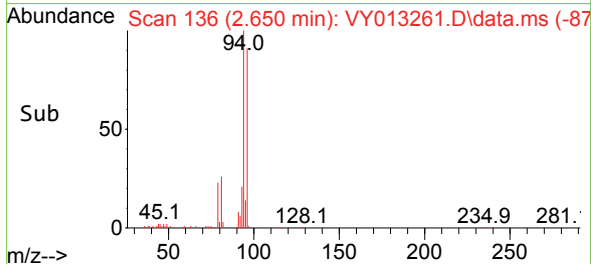
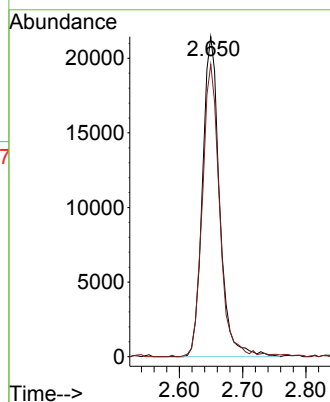
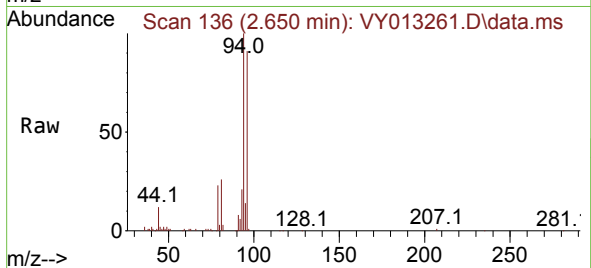




#5
Bromomethane
Concen: 19.134 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
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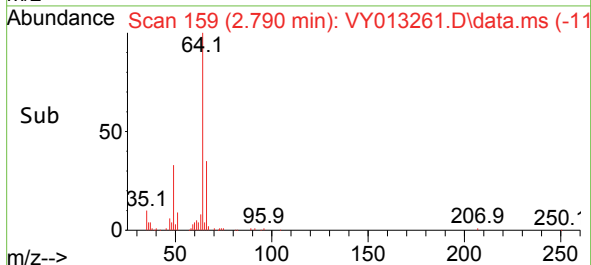
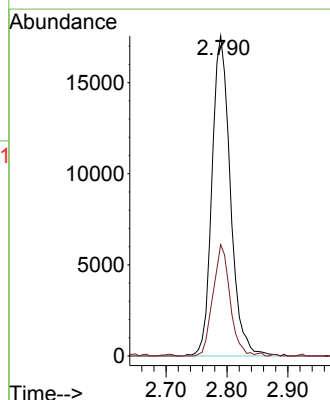
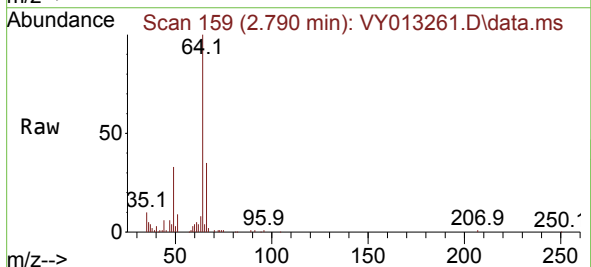
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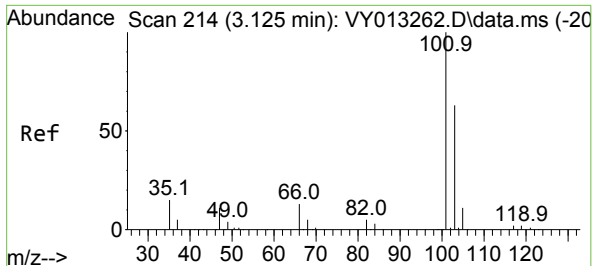
Tgt Ion: 94 Resp: 40281
Ion Ratio Lower Upper
94 100
96 91.4 80.3 120.5



#6
Chloroethane
Concen: 19.890 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 36825
Ion Ratio Lower Upper
64 100
66 34.8 25.7 38.5

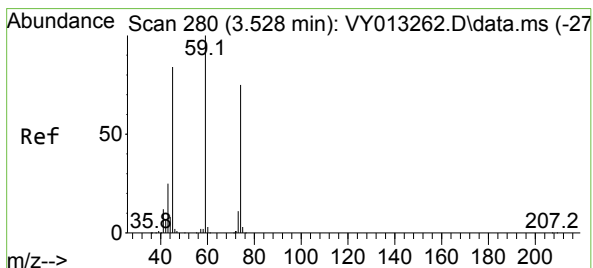
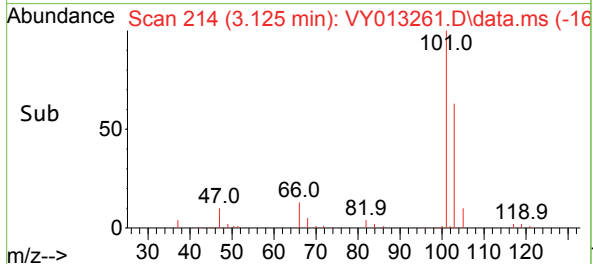
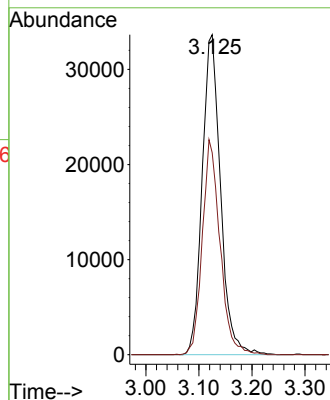
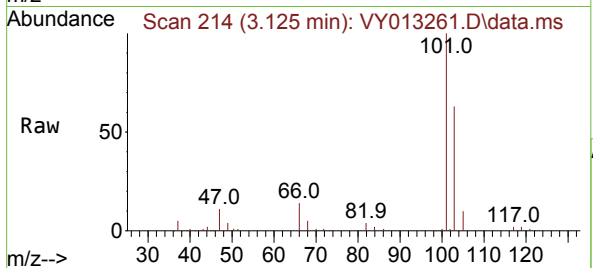




#7
Trichlorofluoromethane
Concen: 18.903 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

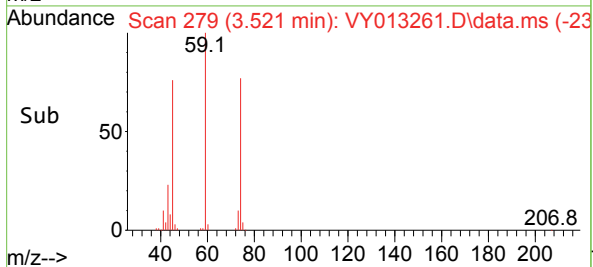
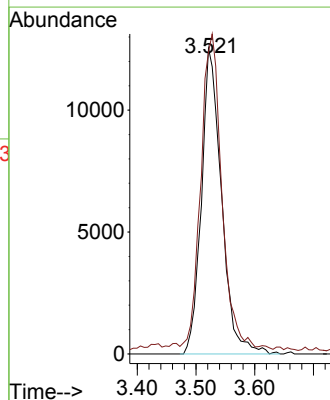
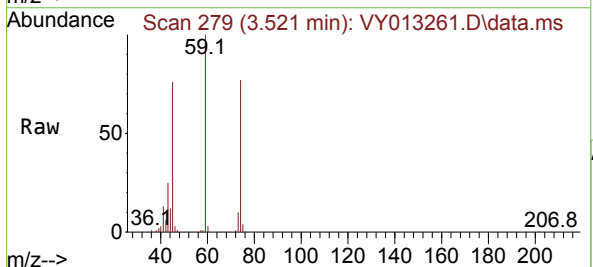
Instrument :
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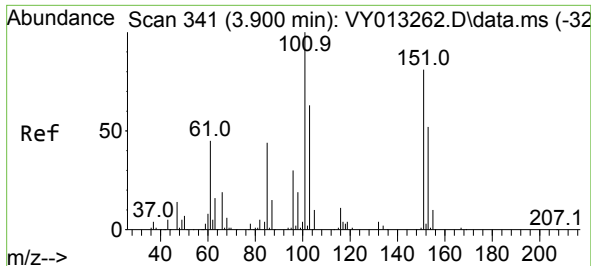
Tgt Ion:101 Resp: 80770
Ion Ratio Lower Upper
101 100
103 63.1 51.5 77.3



#8
Diethyl Ether
Concen: 19.190 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 29791
Ion Ratio Lower Upper
74 100
45 107.1 52.1 156.4

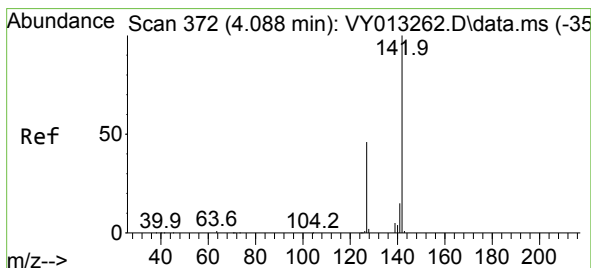
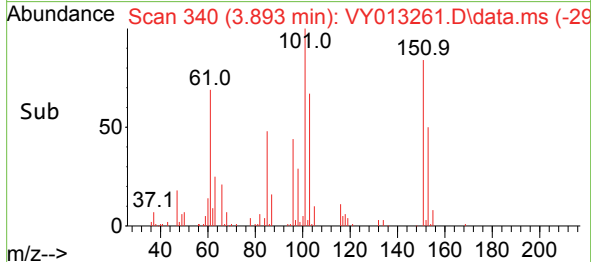
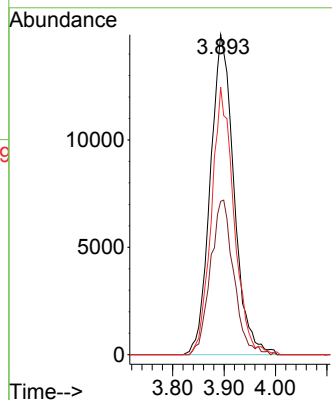
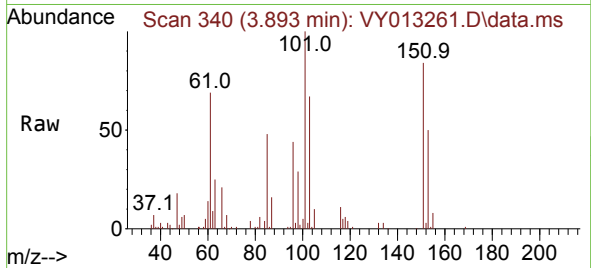




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.975 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

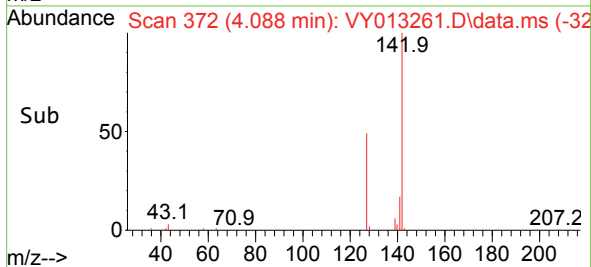
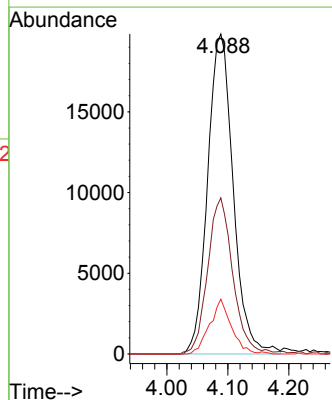
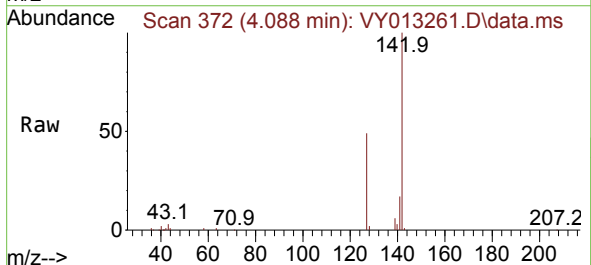
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

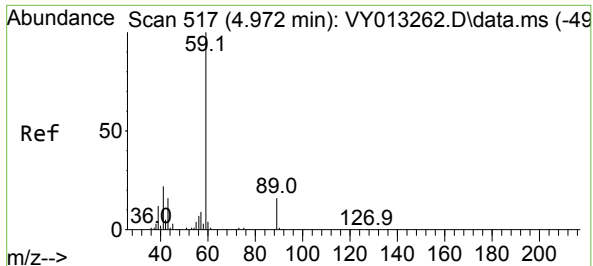
Tgt Ion:101 Resp: 47644
Ion Ratio Lower Upper
101 100
85 47.6 35.3 52.9
151 79.6 63.1 94.7



#10
Methyl Iodide
Concen: 18.769 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion:142 Resp: 57809
Ion Ratio Lower Upper
142 100
127 48.0 35.4 53.2
141 14.5 11.3 16.9

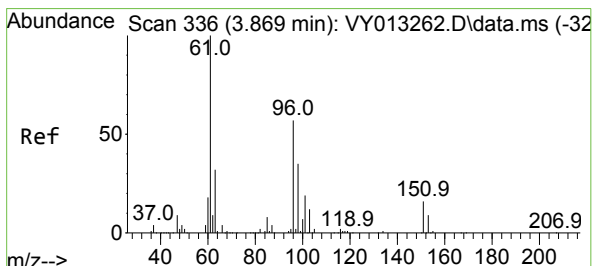
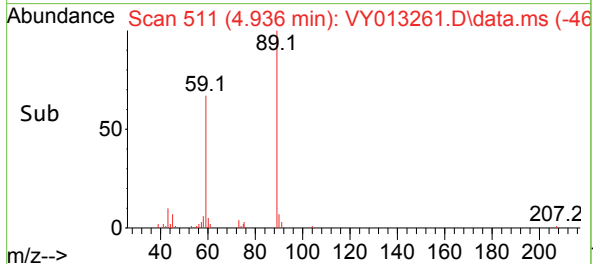
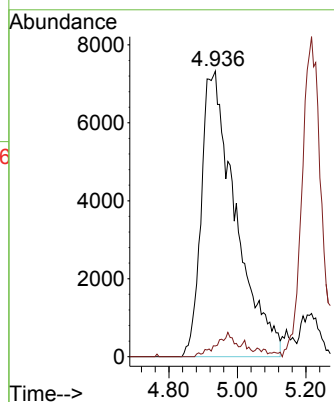
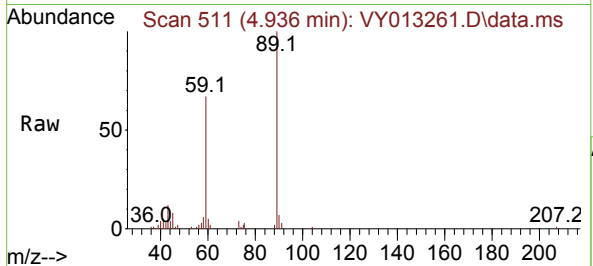




#11
Tert butyl alcohol
Concen: 103.315 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.037 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

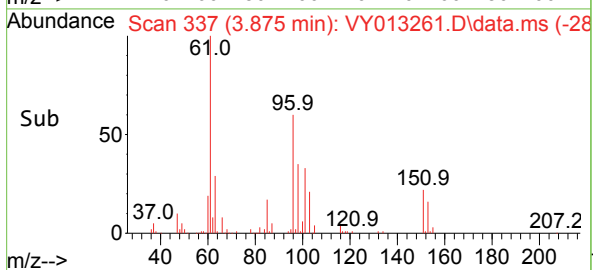
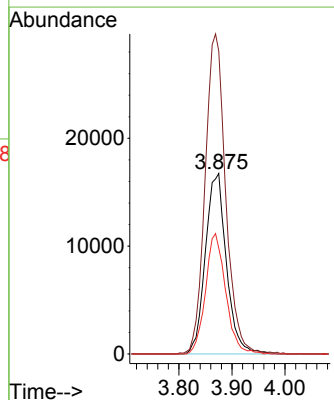
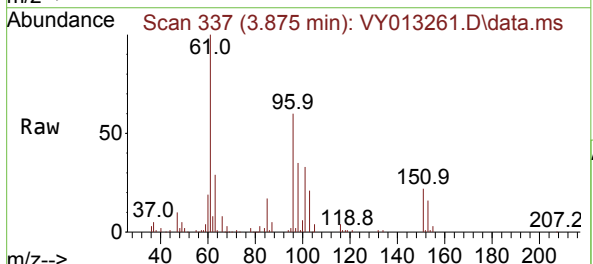
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

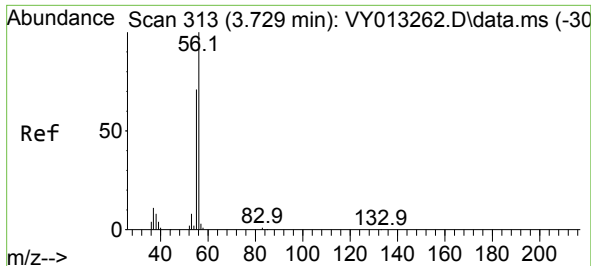
Tgt Ion: 59 Resp: 50957
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 19.133 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 96 Resp: 46236
Ion Ratio Lower Upper
96 100
61 167.4 131.7 197.5
98 58.7 52.0 78.0





#13

Acrolein

Concen: 96.697 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

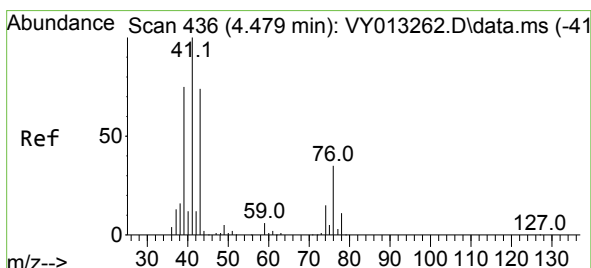
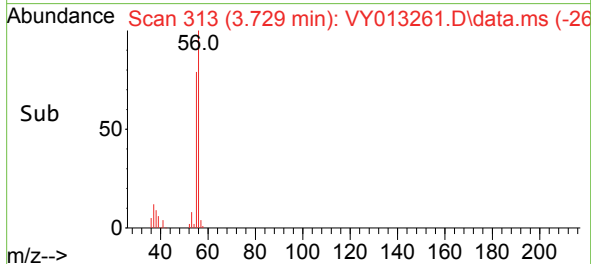
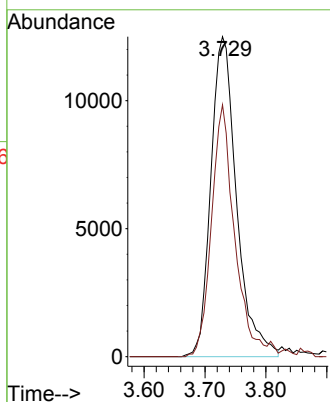
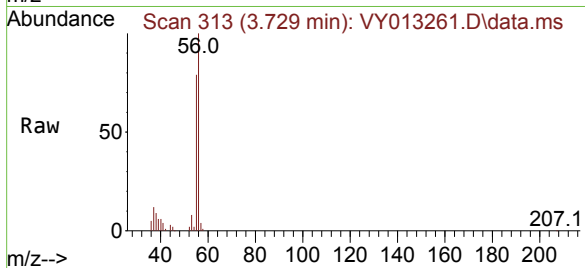
VSTDICC020

Tgt Ion: 56 Resp: 36660

Ion Ratio Lower Upper

56 100

55 71.6 56.8 85.2



#14

Allyl chloride

Concen: 19.293 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

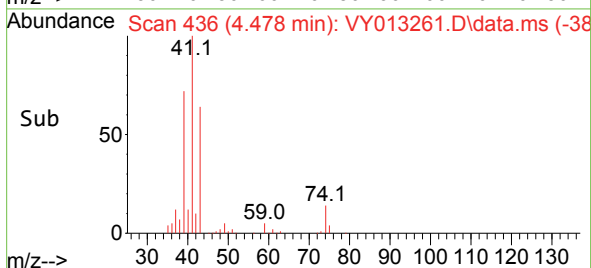
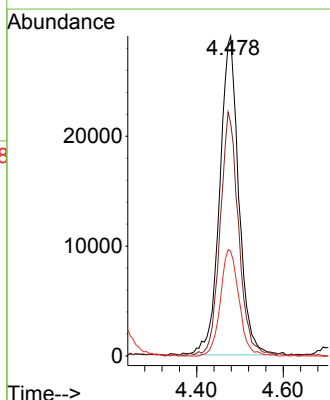
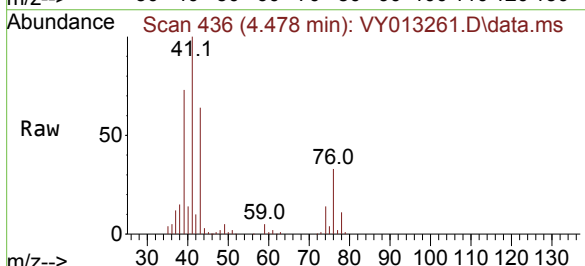
Tgt Ion: 41 Resp: 89061

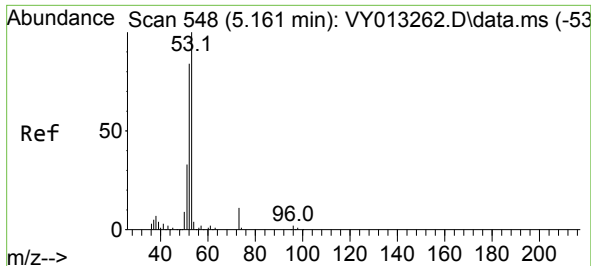
Ion Ratio Lower Upper

41 100

39 73.5 53.6 80.4

76 32.6 27.2 40.8

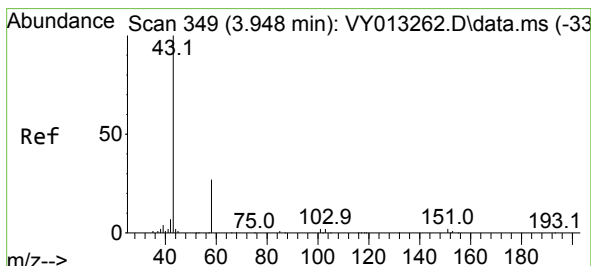
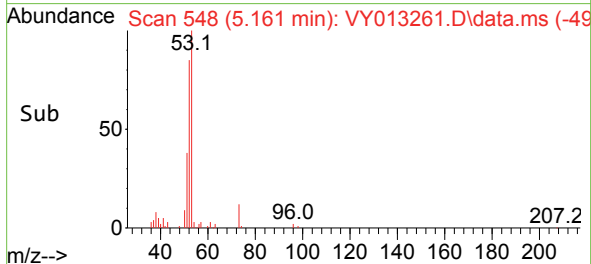
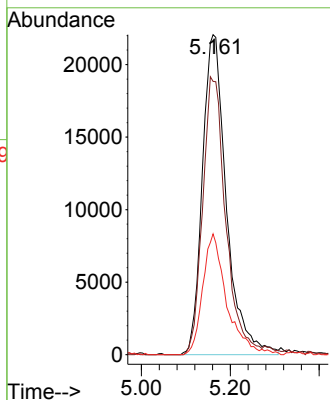
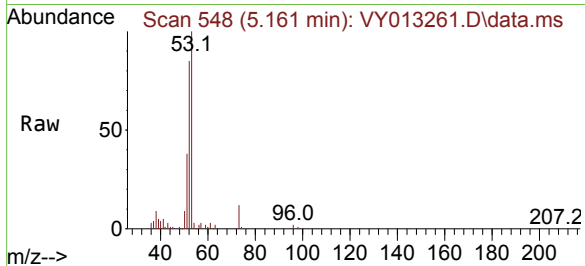




#15
Acrylonitrile
Concen: 93.095 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

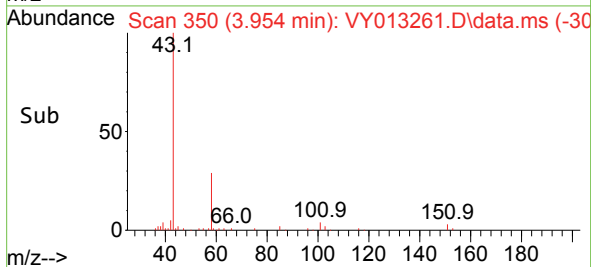
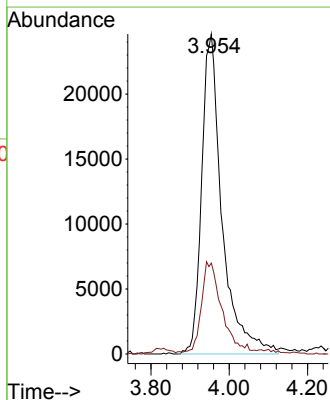
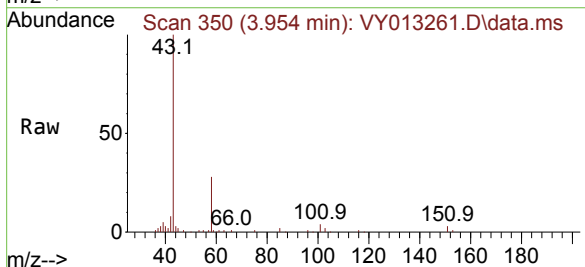
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

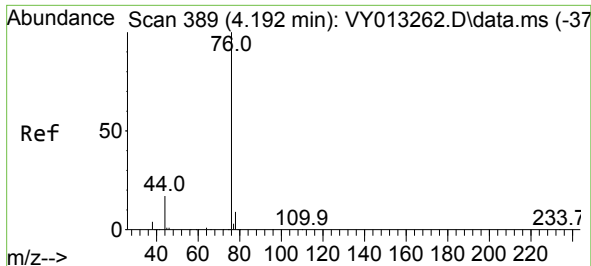
Tgt Ion: 53 Resp: 83049
Ion Ratio Lower Upper
53 100
52 83.1 66.3 99.5
51 37.7 28.8 43.2



#16
Acetone
Concen: 83.886 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 43 Resp: 88994
Ion Ratio Lower Upper
43 100
58 27.7 24.2 36.2

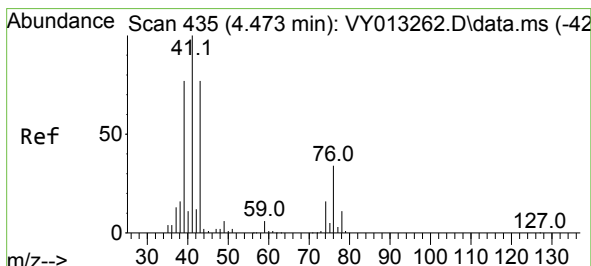
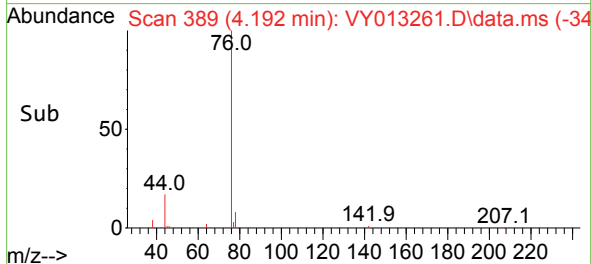
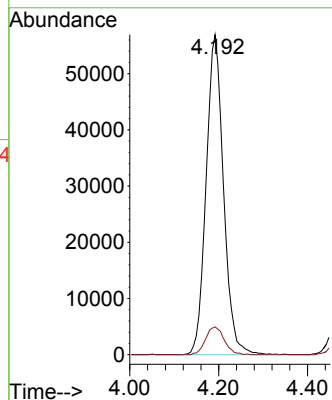
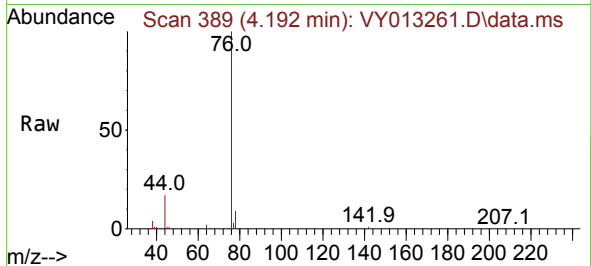




#17
Carbon Disulfide
Concen: 19.478 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

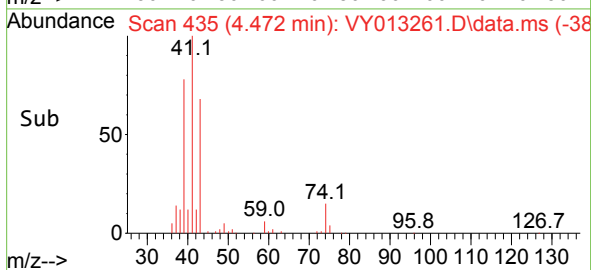
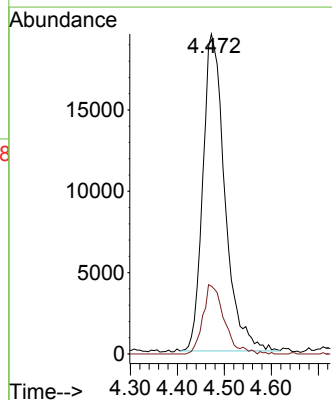
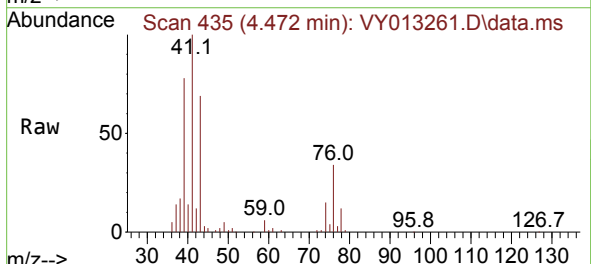
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

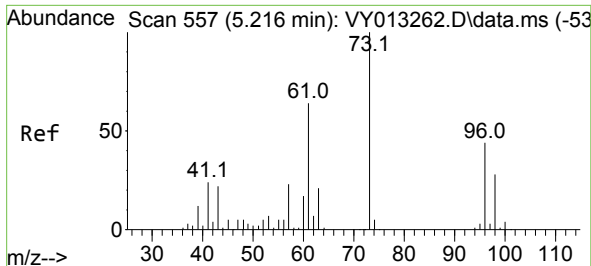
Tgt Ion: 76 Resp: 154963
Ion Ratio Lower Upper
76 100
78 8.7 7.1 10.7



#18
Methyl Acetate
Concen: 18.464 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 43 Resp: 63367
Ion Ratio Lower Upper
43 100
74 21.1 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 19.155 ug/l

RT: 5.216 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

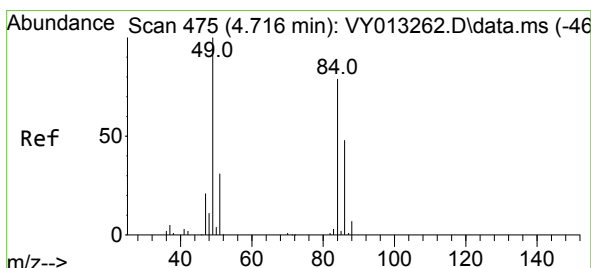
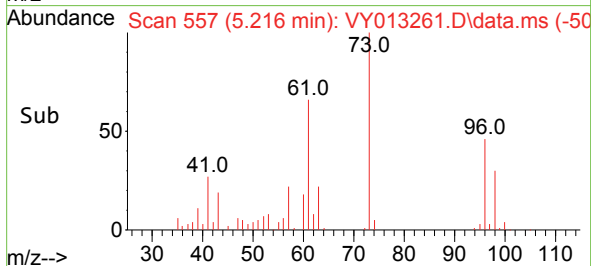
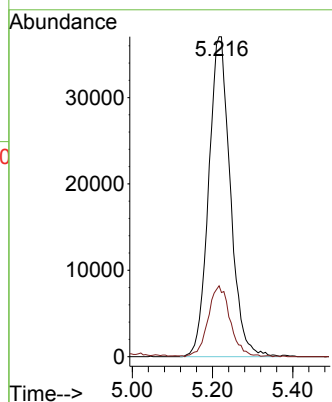
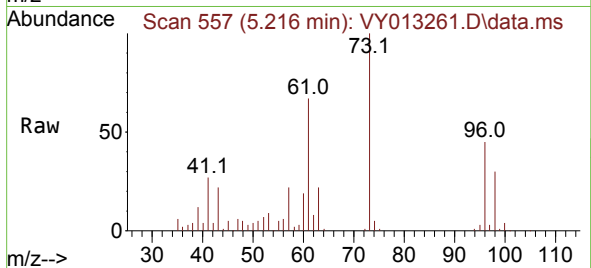
VSTDIC020

Tgt Ion: 73 Resp: 138658

Ion Ratio Lower Upper

73 100

57 22.2 18.3 27.5



#20

Methylene Chloride

Concen: 18.584 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Tgt Ion: 84 Resp: 61221

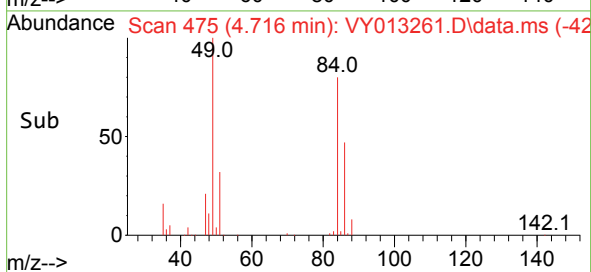
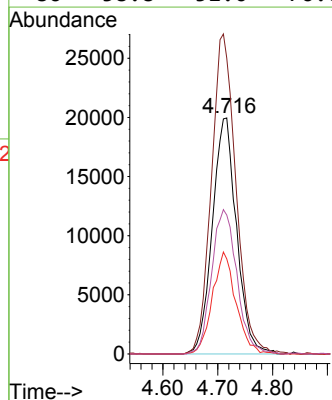
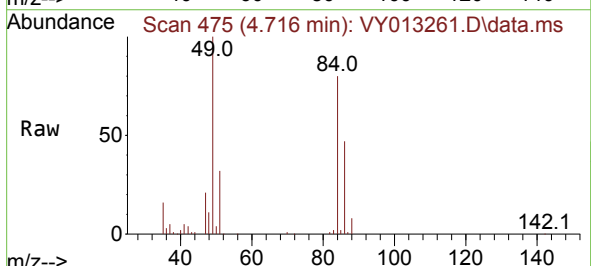
Ion Ratio Lower Upper

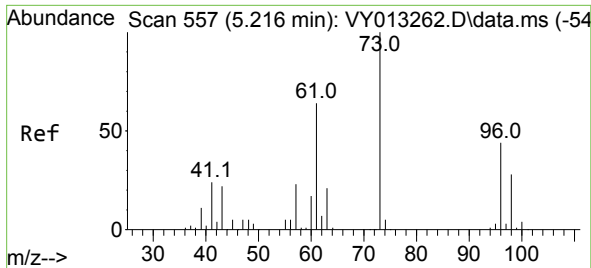
84 100

49 125.4 102.6 154.0

51 40.2 31.9 47.9

86 58.8 51.0 76.6

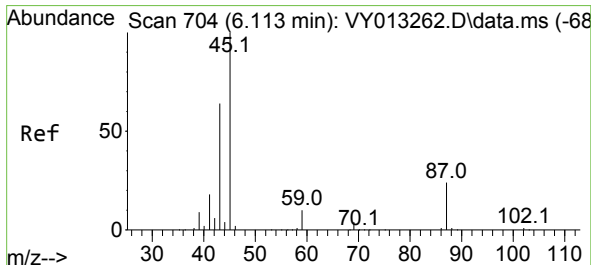
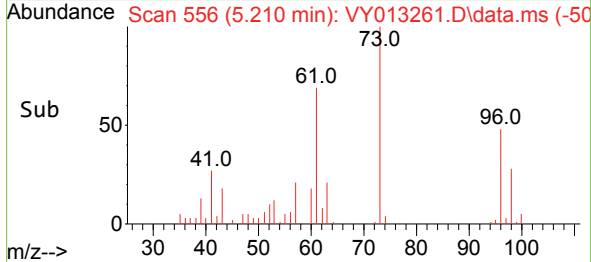
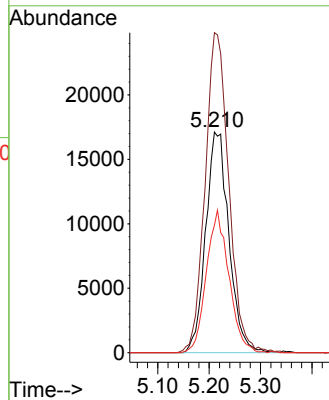
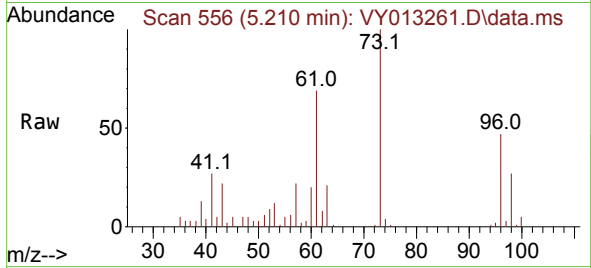




#21
trans-1,2-Dichloroethene
Concen: 19.488 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

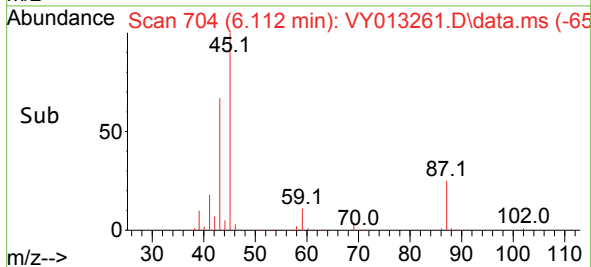
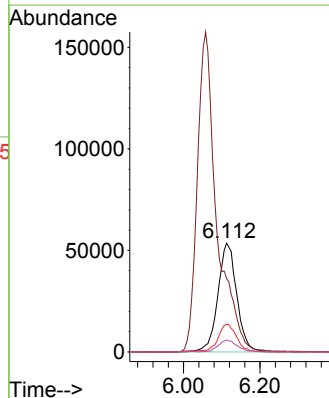
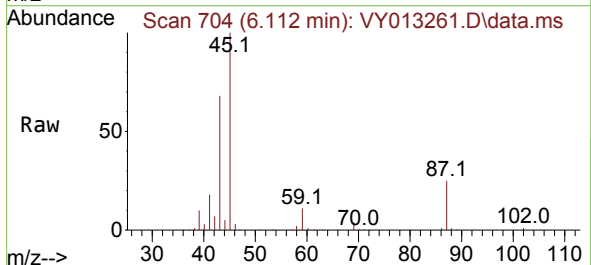
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

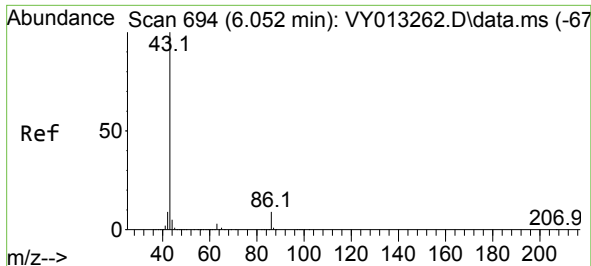
Tgt Ion: 96 Resp: 53758
Ion Ratio Lower Upper
96 100
61 144.6 111.4 167.0
98 57.8 50.8 76.2



#22
Diisopropyl ether
Concen: 20.180 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 45 Resp: 183583
Ion Ratio Lower Upper
45 100
43 67.2 45.0 67.6
87 25.4 20.3 30.5
59 11.1 8.8 13.2

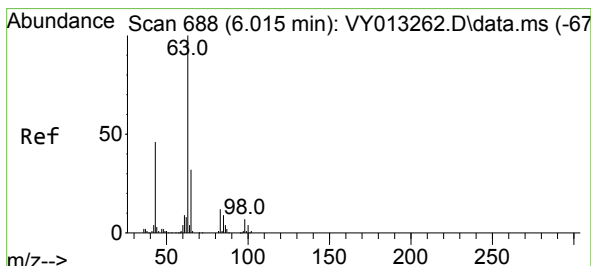
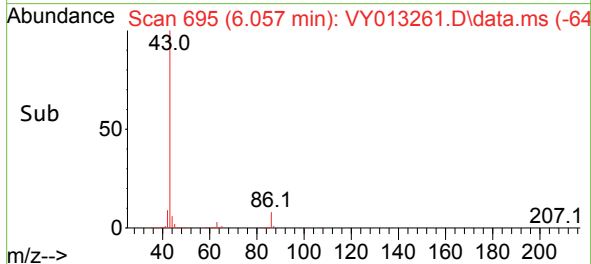
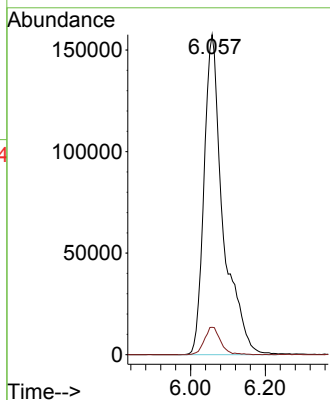
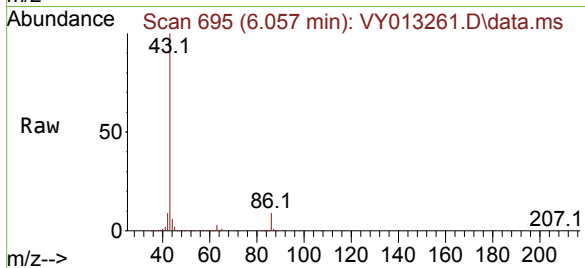




#23
 Vinyl Acetate
 Concen: 96.792 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY013261.D
 Acq: 12 Apr 2023 11:33

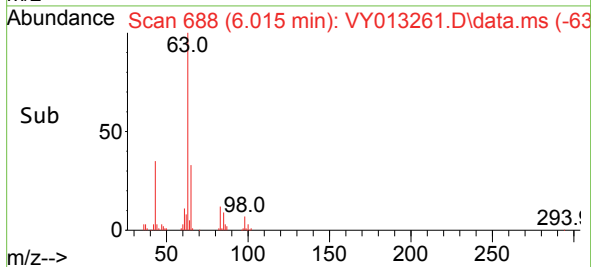
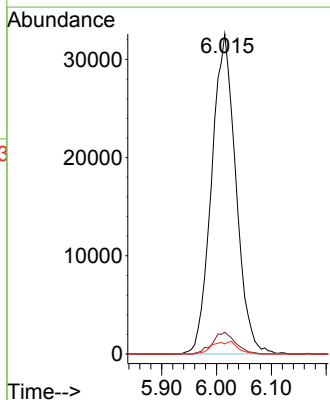
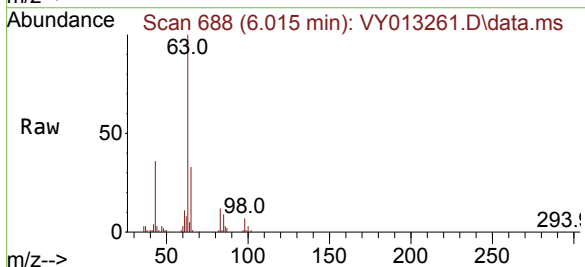
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

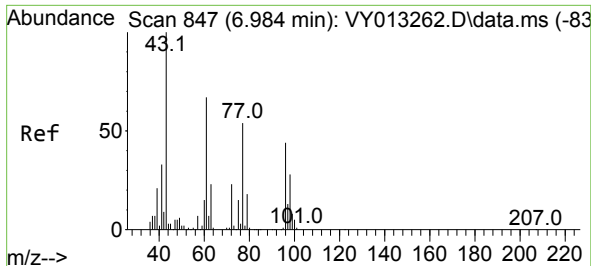
Tgt Ion: 43 Resp: 556664
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 19.733 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013261.D
 Acq: 12 Apr 2023 11:33

Tgt Ion: 63 Resp: 100280
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.7 11.1
 100 3.2 2.3 6.8

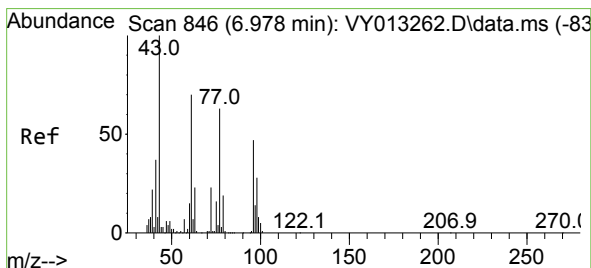
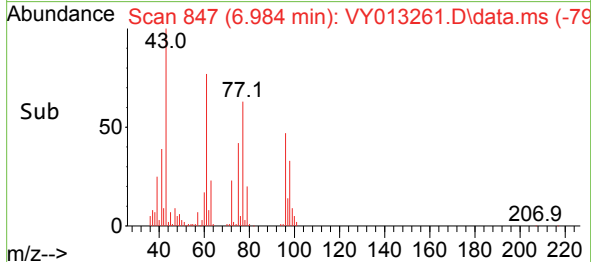
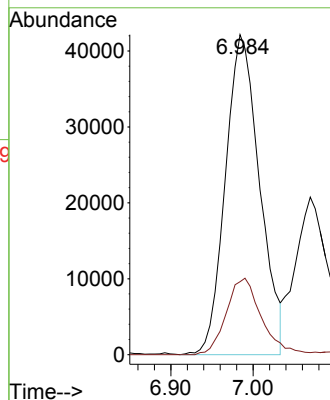
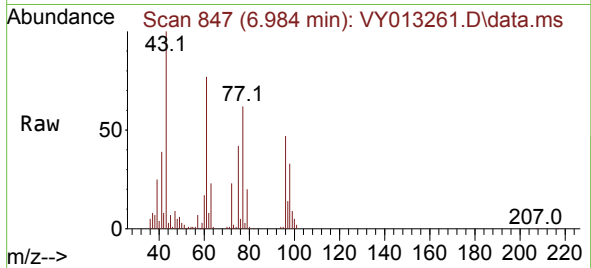




#25
2-Butanone
Concen: 89.891 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

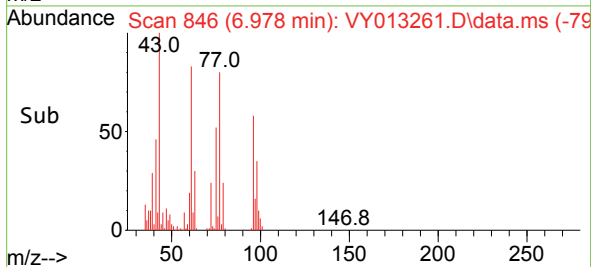
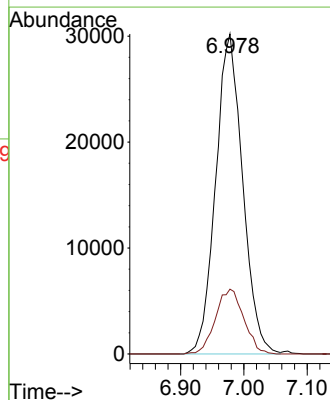
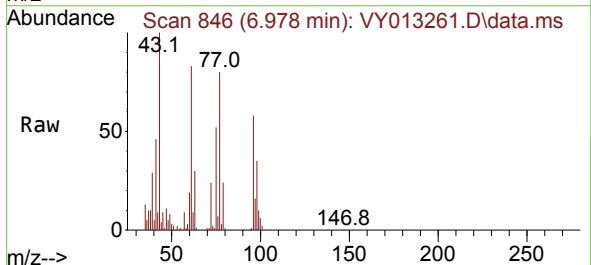
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

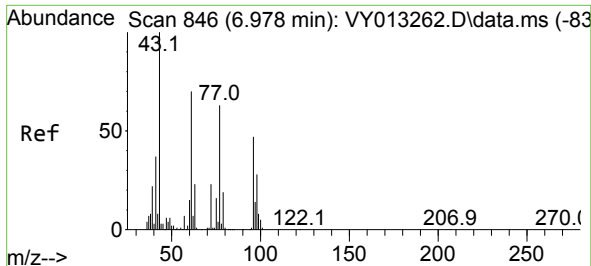
Tgt Ion: 43 Resp: 122131
Ion Ratio Lower Upper
43 100
72 22.8 21.0 31.4



#26
2,2-Dichloropropane
Concen: 19.599 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 77 Resp: 89355
Ion Ratio Lower Upper
77 100
97 21.2 11.7 35.0

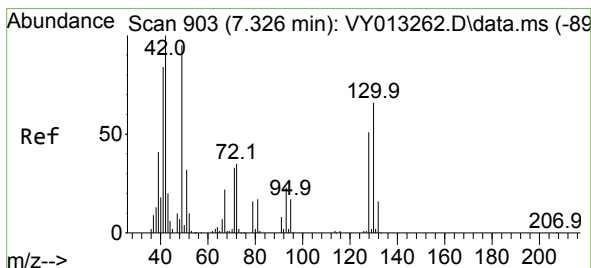
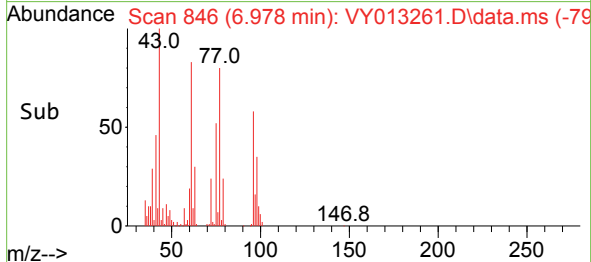
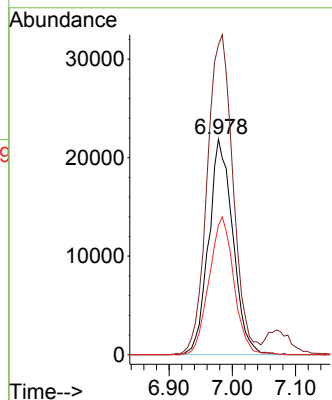
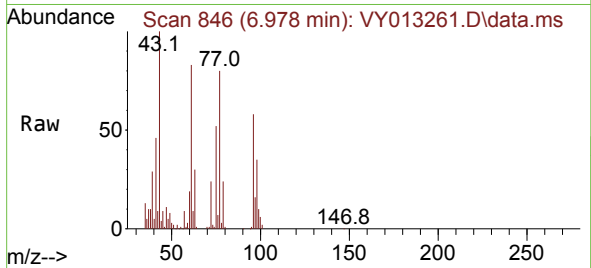




#27
 cis-1,2-Dichloroethene
 Concen: 19.400 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY013261.D
 Acq: 12 Apr 2023 11:33

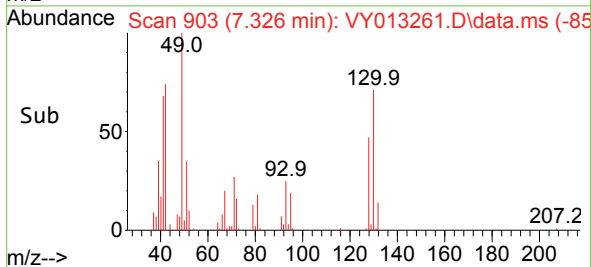
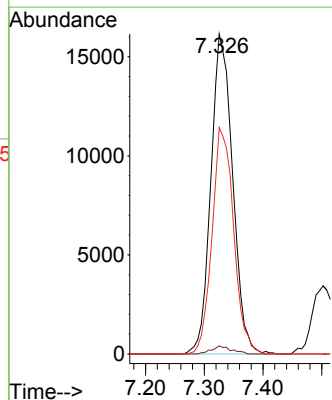
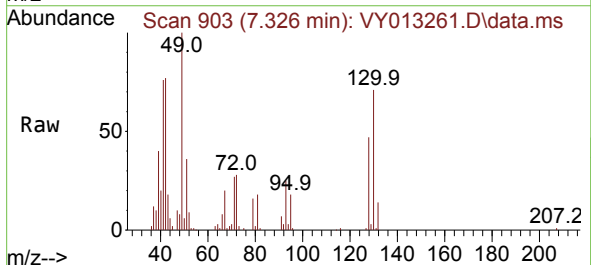
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

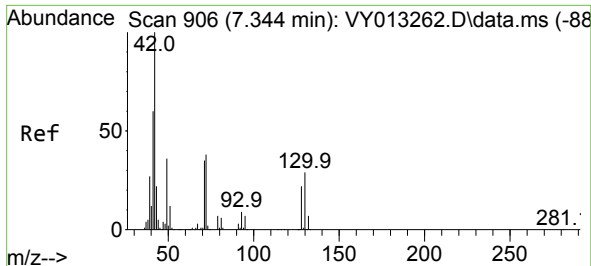
Tgt Ion: 96 Resp: 58191
 Ion Ratio Lower Upper
 96 100
 61 158.6 0.0 295.8
 98 65.3 0.0 130.2



#28
 Bromochloromethane
 Concen: 20.519 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY013261.D
 Acq: 12 Apr 2023 11:33

Tgt Ion: 49 Resp: 41558
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 70.2 60.5 90.7





#29

Tetrahydrofuran

Concen: 94.972 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

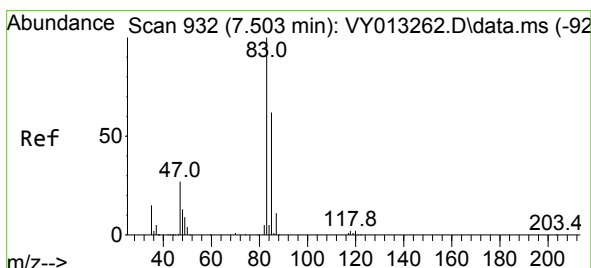
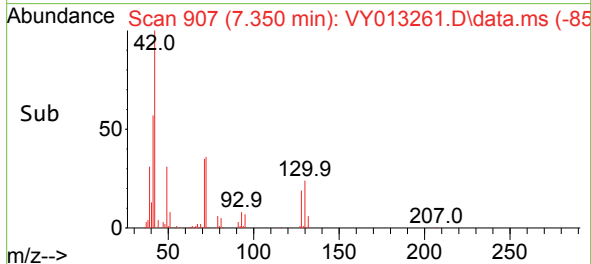
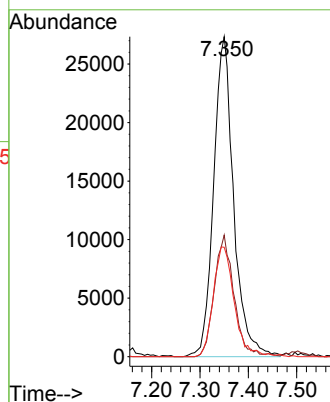
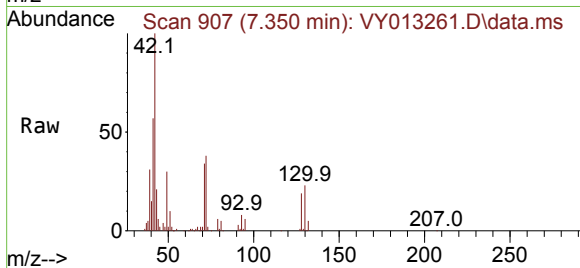
Tgt Ion: 42 Resp: 78370

Ion Ratio Lower Upper

42 100

72 37.0 32.3 48.5

71 35.9 30.3 45.5



#30

Chloroform

Concen: 19.597 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.000 min

Lab File: VY013261.D

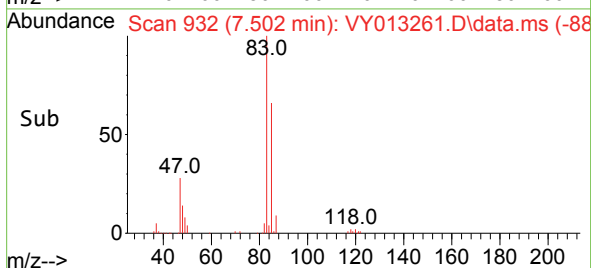
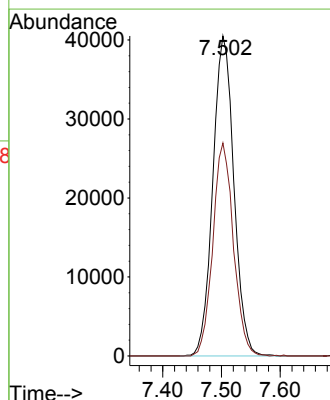
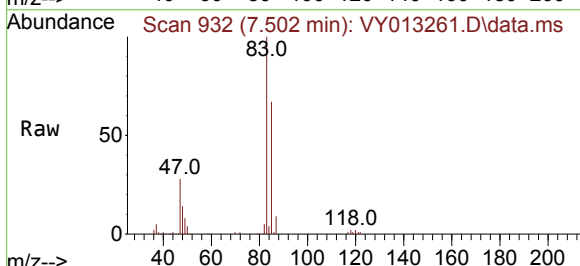
Acq: 12 Apr 2023 11:33

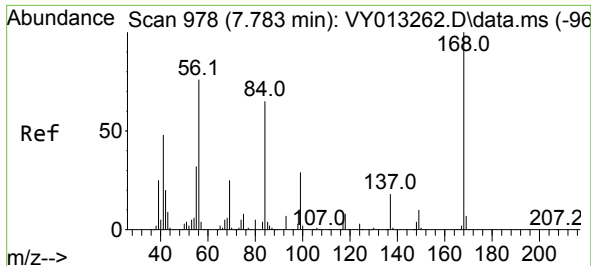
Tgt Ion: 83 Resp: 100778

Ion Ratio Lower Upper

83 100

85 66.5 51.4 77.0

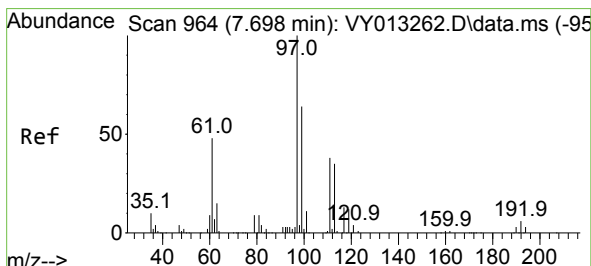
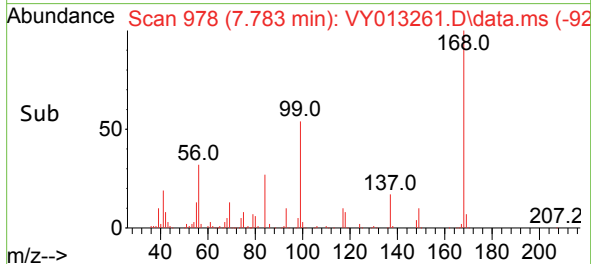
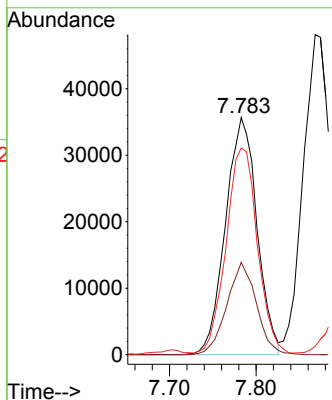
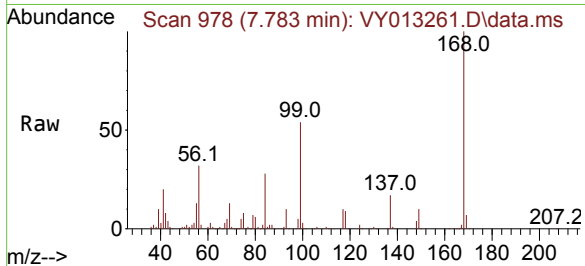




#31
Cyclohexane
Concen: 19.285 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

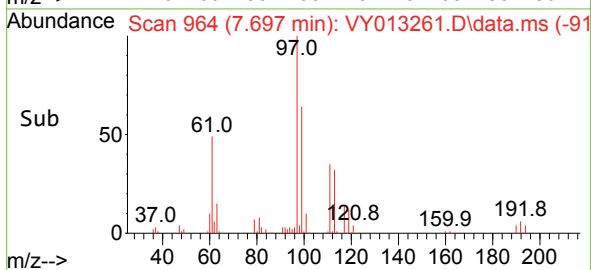
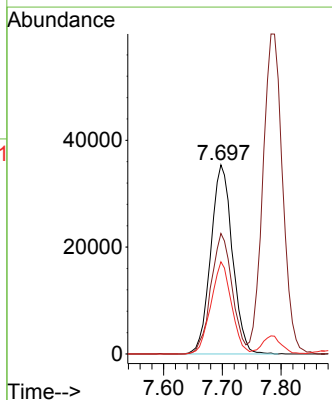
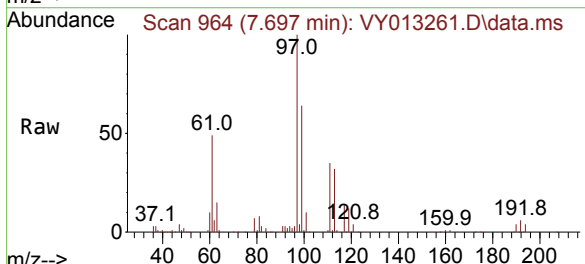
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

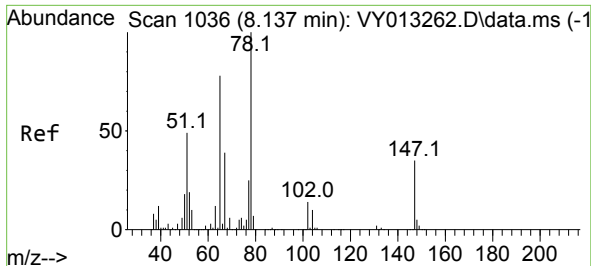
Tgt Ion: 56 Resp: 89994
Ion Ratio Lower Upper
56 100
69 39.0 25.7 38.5#
84 85.5 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 19.460 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 97 Resp: 90534
Ion Ratio Lower Upper
97 100
99 62.5 51.0 76.6
61 46.3 34.5 51.7

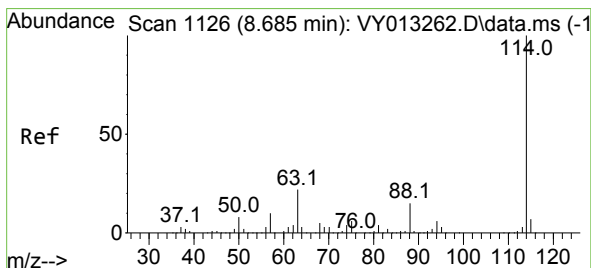
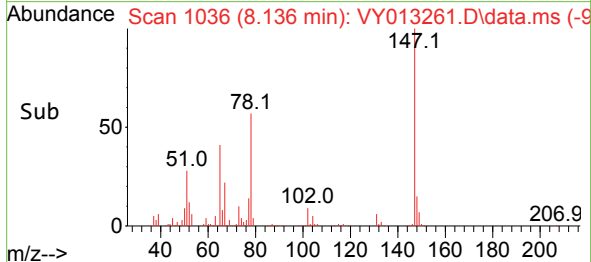
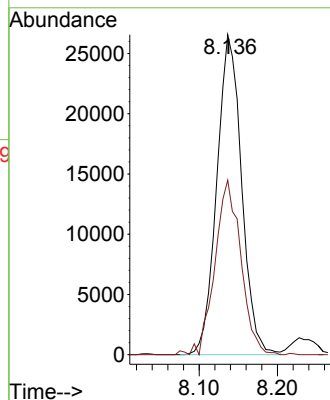
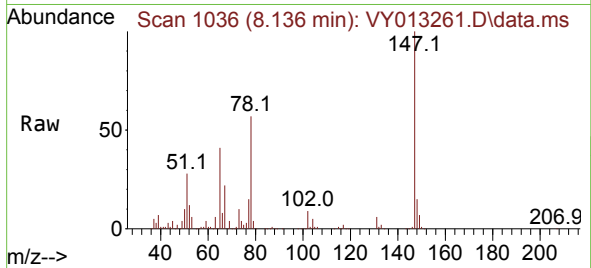




#33
1,2-Dichloroethane-d4
Concen: 18.956 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

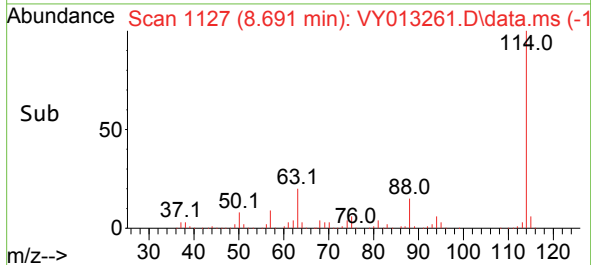
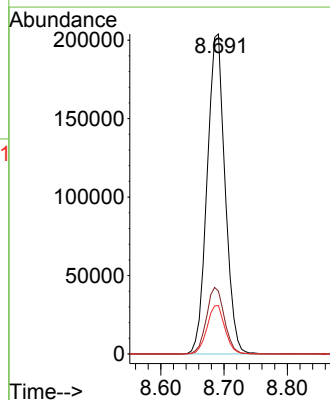
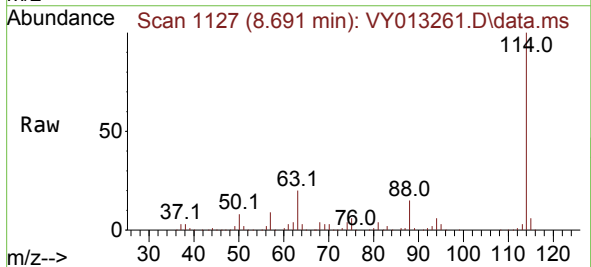
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

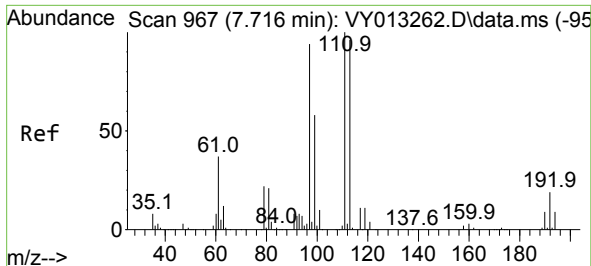
Tgt Ion: 65 Resp: 58503
Ion Ratio Lower Upper
65 100
67 56.8 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion:114 Resp: 401305
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 15.2 0.0 28.6

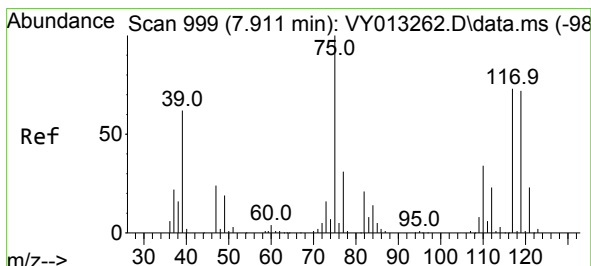
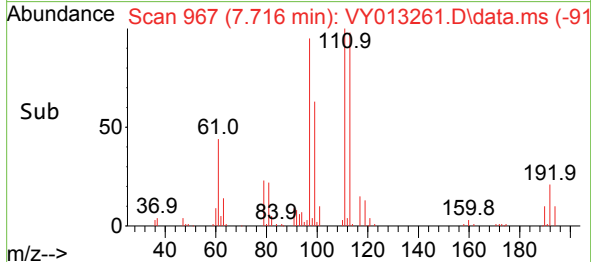
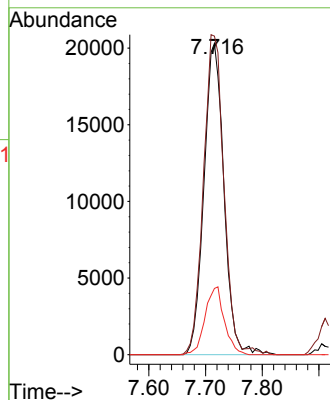
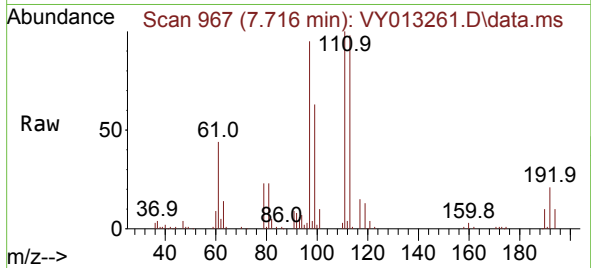




#35
Dibromofluoromethane
Concen: 19.167 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

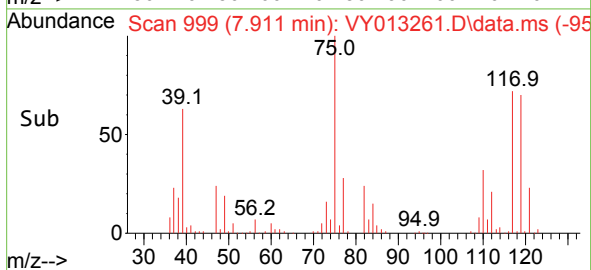
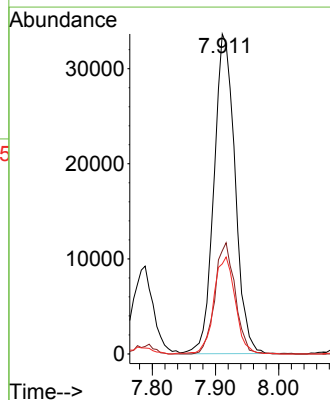
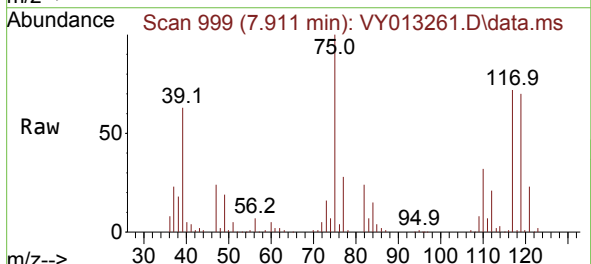
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

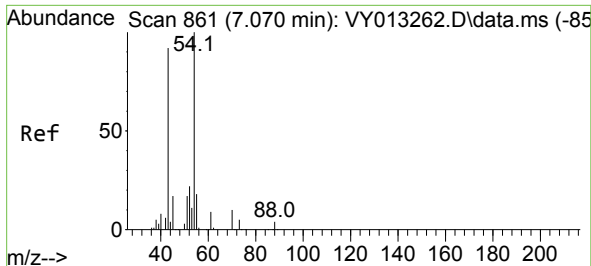
Tgt Ion:113 Resp: 49797
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 21.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.729 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 75 Resp: 77650
Ion Ratio Lower Upper
75 100
110 33.5 17.8 53.3
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 18.815 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

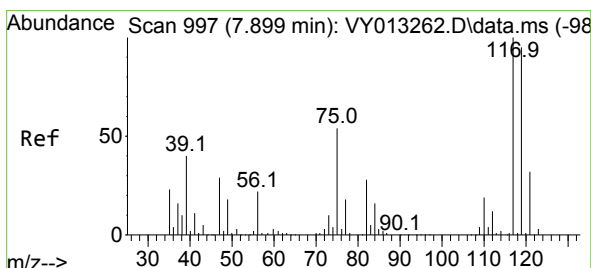
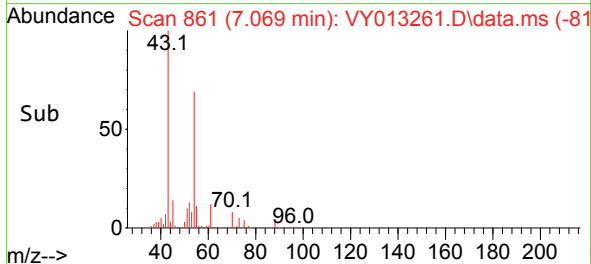
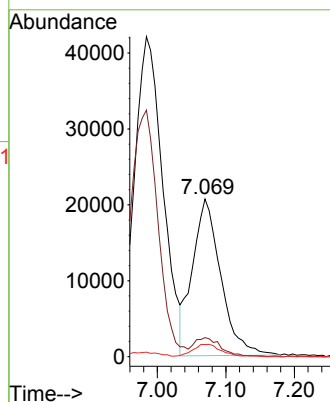
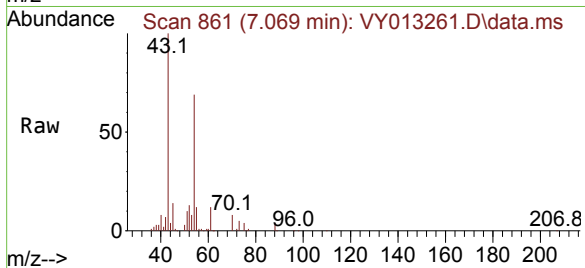
Tgt Ion: 43 Resp: 59692

Ion Ratio Lower Upper

43 100

61 11.4 10.7 16.1

70 8.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.335 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

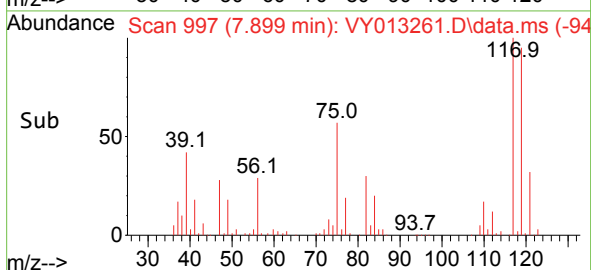
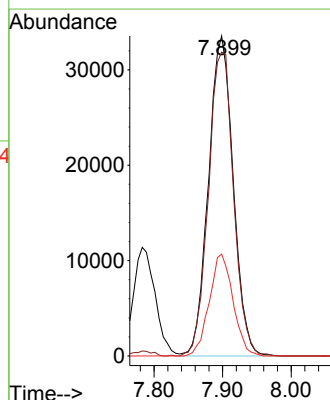
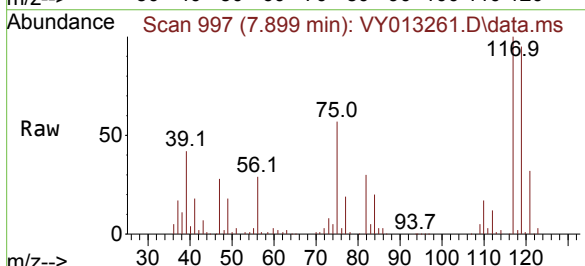
Tgt Ion: 117 Resp: 84147

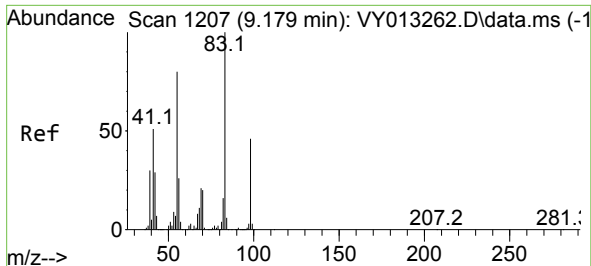
Ion Ratio Lower Upper

117 100

119 95.0 77.2 115.8

121 31.8 24.7 37.1





#39

Methylcyclohexane

Concen: 18.981 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

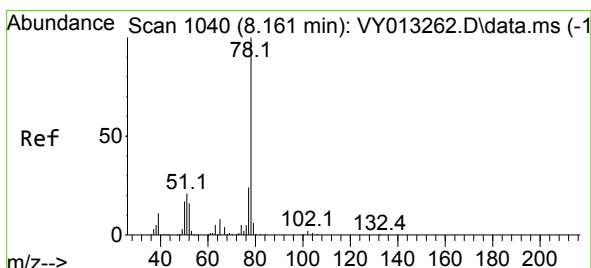
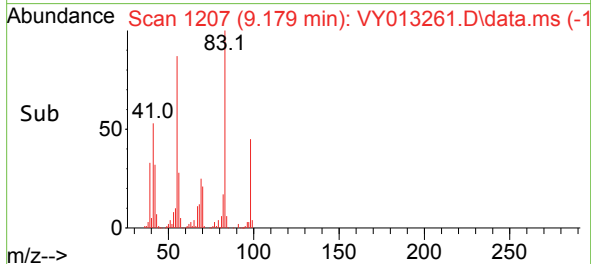
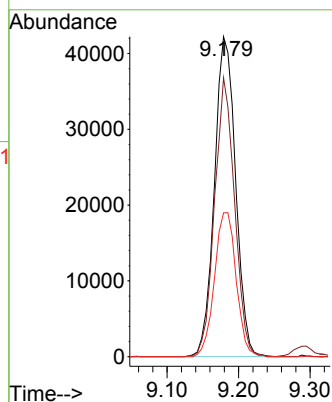
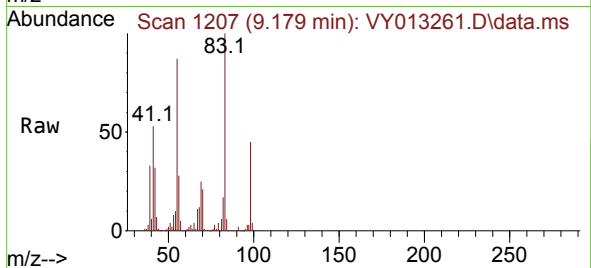
Tgt Ion: 83 Resp: 86846

Ion Ratio Lower Upper

83 100

55 87.2 60.0 90.0

98 45.0 38.3 57.5



#40

Benzene

Concen: 19.793 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013261.D

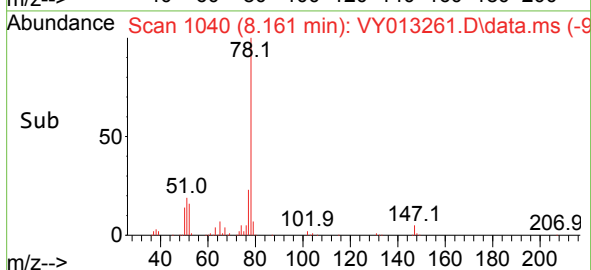
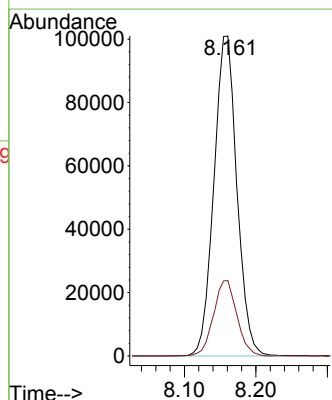
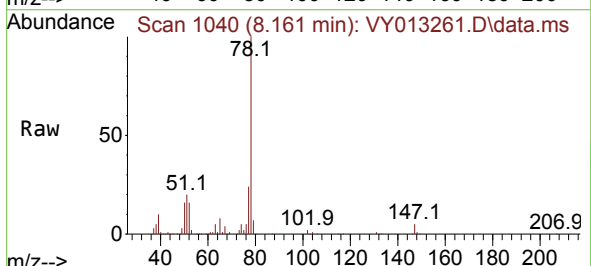
Acq: 12 Apr 2023 11:33

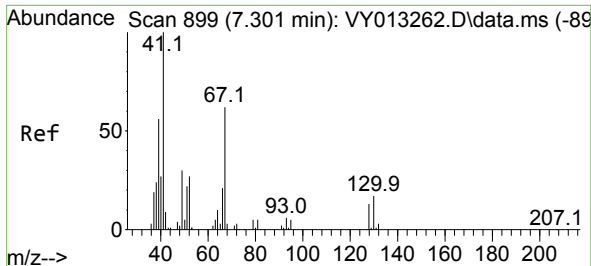
Tgt Ion: 78 Resp: 225469

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

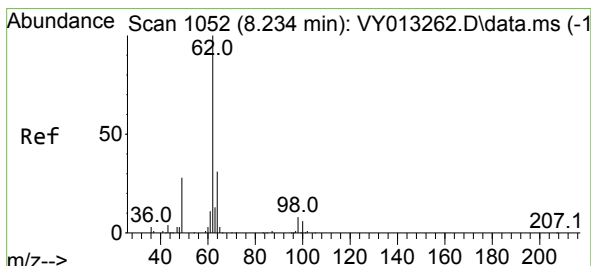
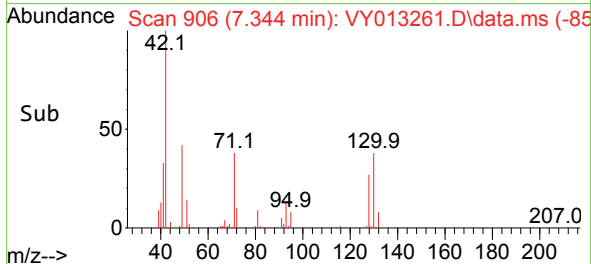
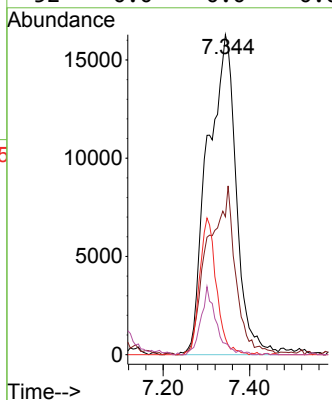
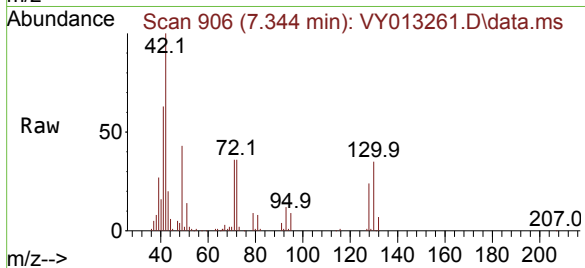




#41
Methacrylonitrile
Concen: 52.039 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.042 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

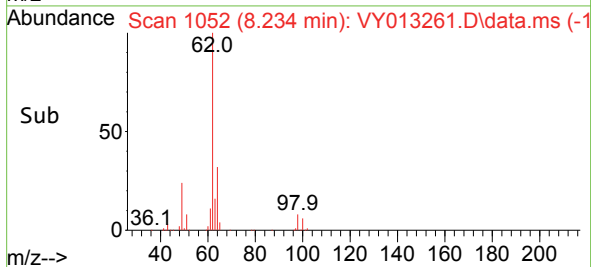
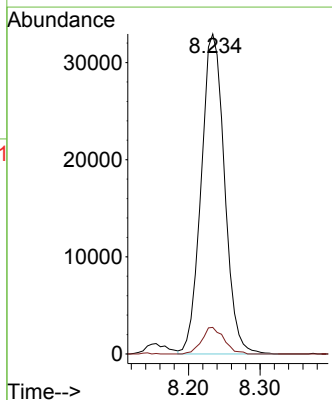
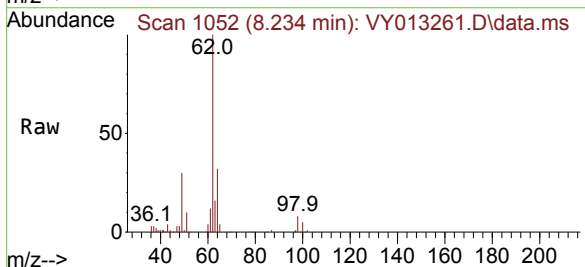
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

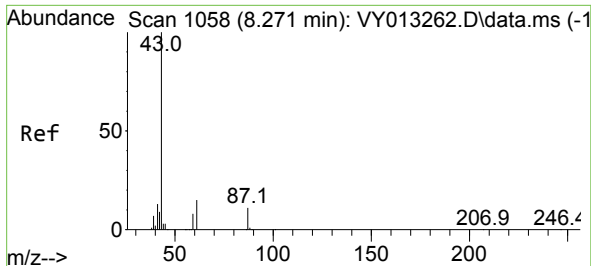
Tgt Ion:	41	Resp:	74603
Ion	Ratio	Lower	Upper
41	100		
39	51.3	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 19.332 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion:	62	Resp:	74665
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	18.8

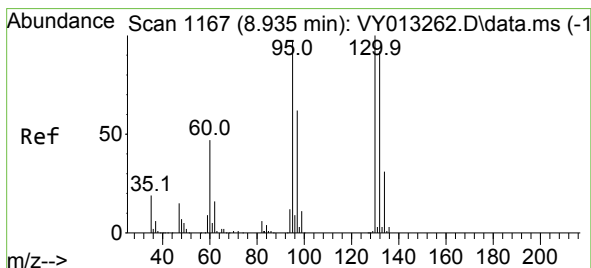
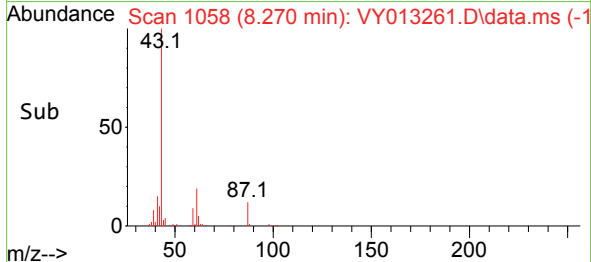
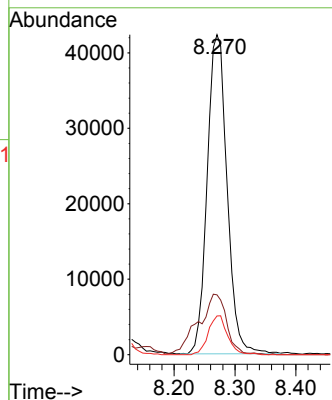
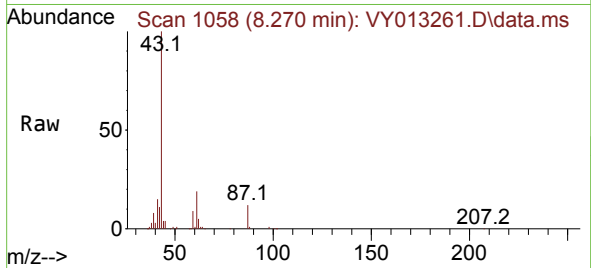




#43
Isopropyl Acetate
Concen: 18.206 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

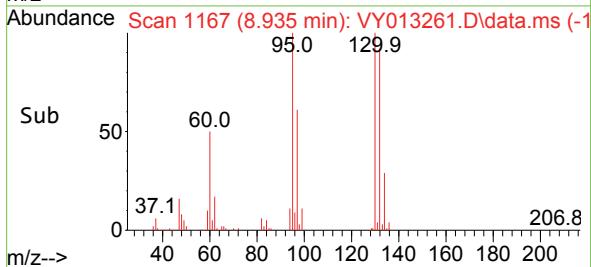
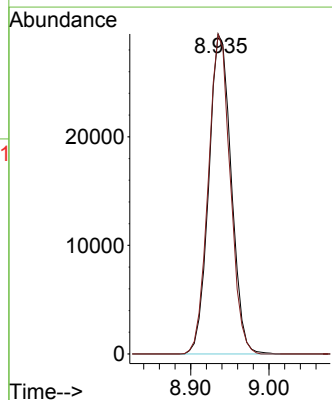
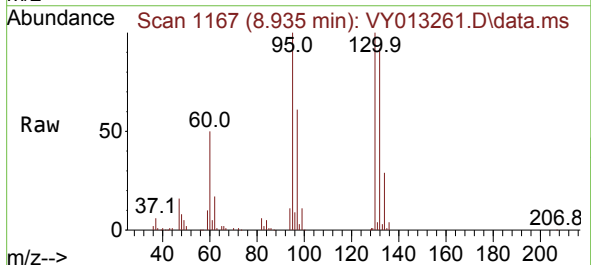
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

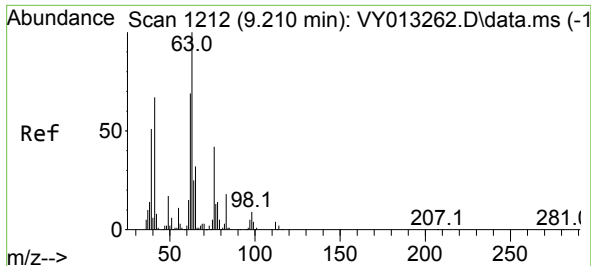
Tgt Ion:	43	Resp:	95939
Ion	Ratio	Lower	Upper
43	100		
61	27.1	21.6	32.4
87	11.8	9.9	14.9



#44
Trichloroethene
Concen: 19.940 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion:	130	Resp:	58512
Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	185.0





#45

1,2-Dichloropropane

Concen: 19.859 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

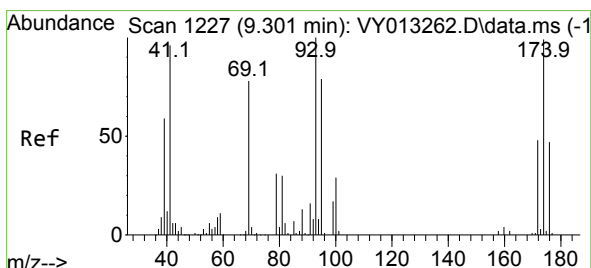
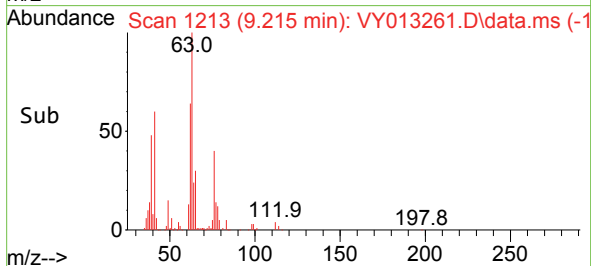
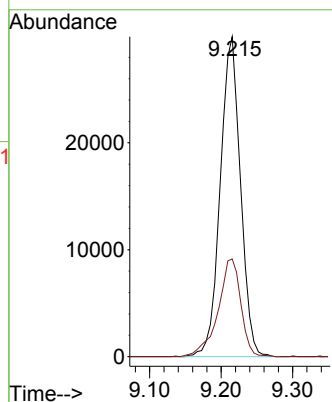
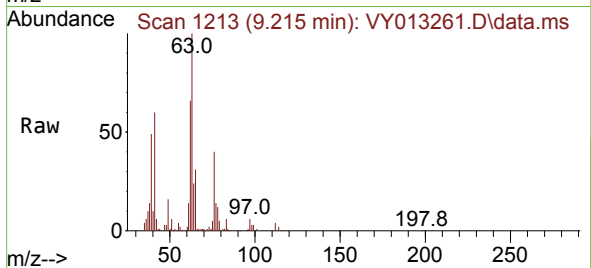
VSTDICC020

Tgt Ion: 63 Resp: 58716

Ion Ratio Lower Upper

63 100

65 30.5 25.7 38.5



#46

Dibromomethane

Concen: 19.267 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

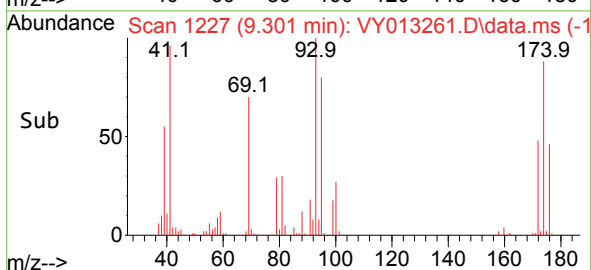
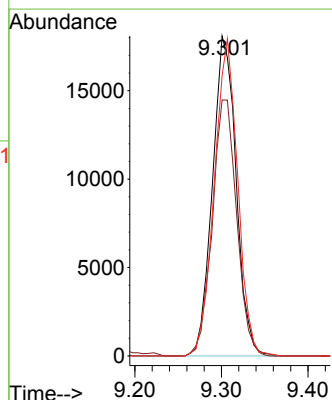
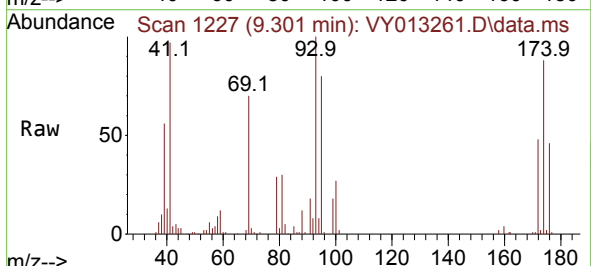
Tgt Ion: 93 Resp: 34284

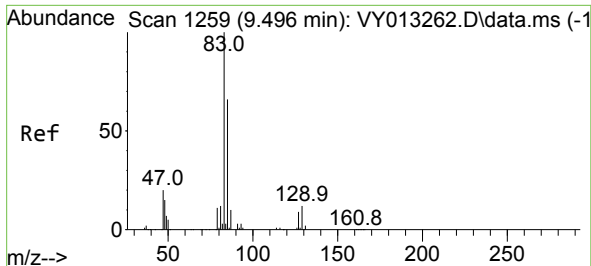
Ion Ratio Lower Upper

93 100

95 82.6 65.6 98.4

174 98.1 81.3 121.9

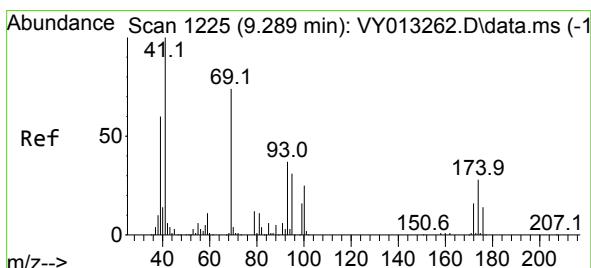
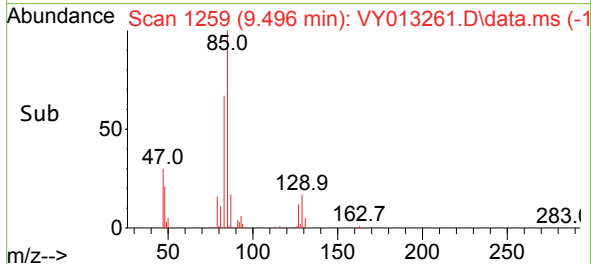
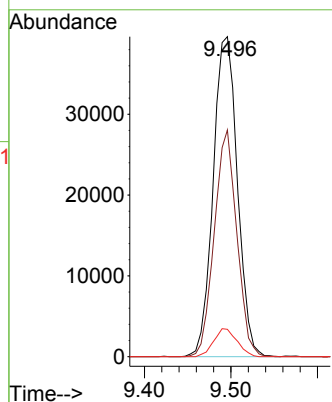
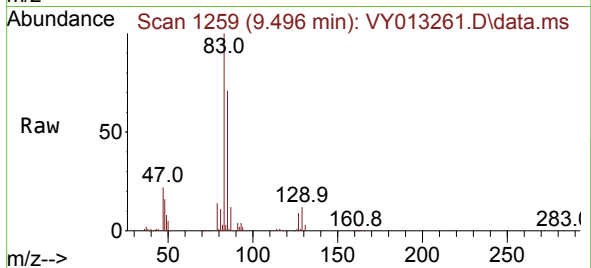




#47
Bromodichloromethane
Concen: 18.915 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

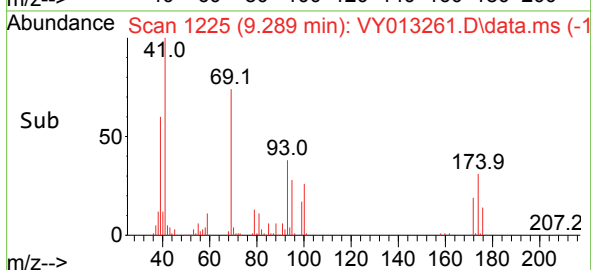
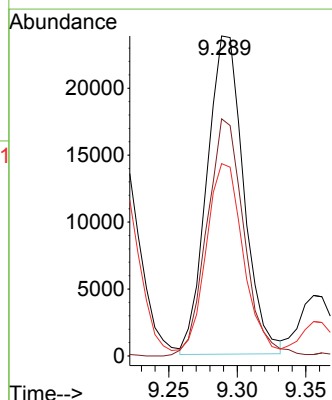
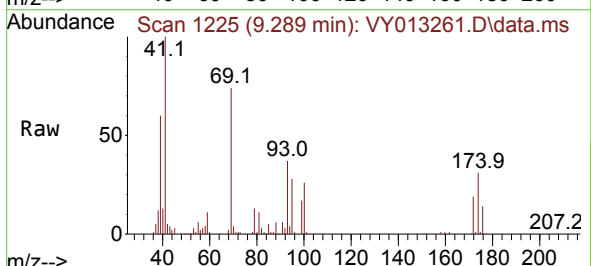
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

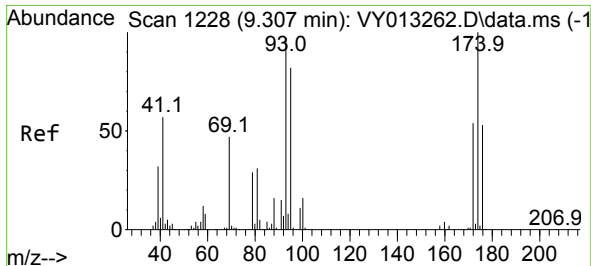
Tgt Ion: 83	Resp: 76945
Ion Ratio	Lower Upper
83 100	
85 70.9	50.2 75.4
127 8.6	6.3 9.5



#48
Methyl methacrylate
Concen: 18.352 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 41	Resp: 44421
Ion Ratio	Lower Upper
41 100	
69 74.8	64.1 96.1
39 58.1	44.0 66.0





#49

1,4-Dioxane

Concen: 362.556 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013261.D

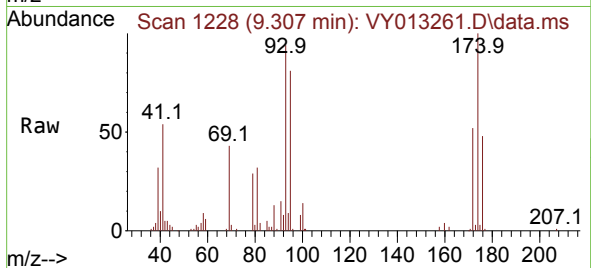
Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020



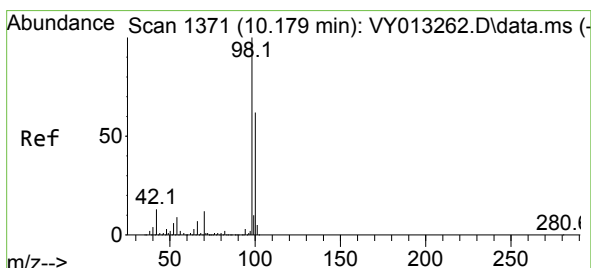
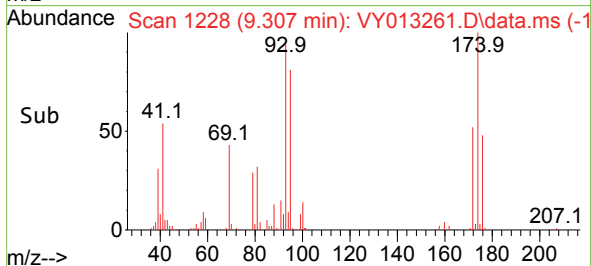
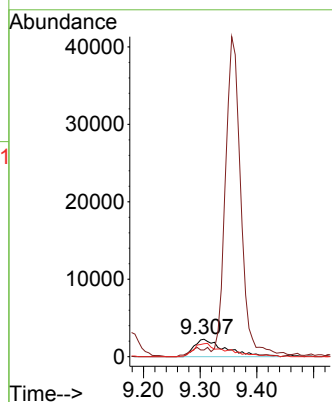
Tgt Ion: 88 Resp: 8741

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

58 78.1 55.2 82.8



#50

Toluene-d8

Concen: 19.388 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013261.D

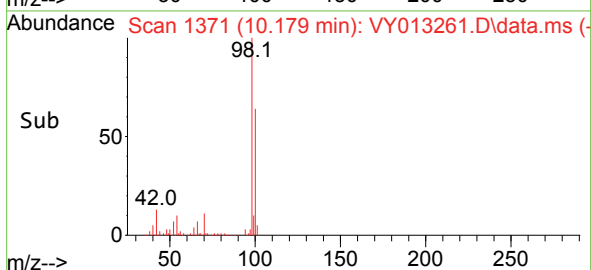
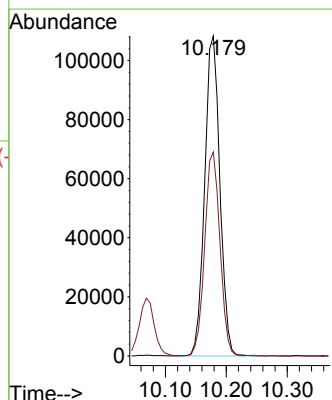
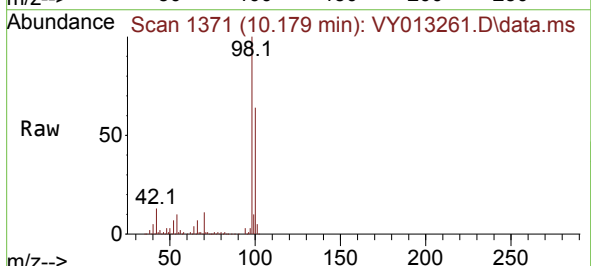
Acq: 12 Apr 2023 11:33

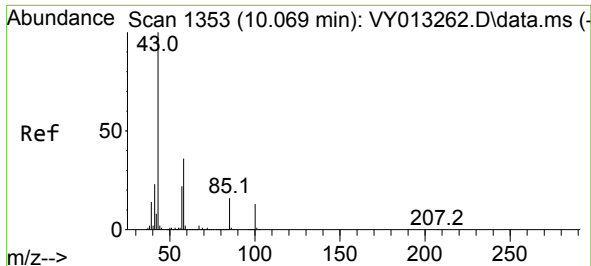
Tgt Ion: 98 Resp: 187485

Ion Ratio Lower Upper

98 100

100 64.2 50.9 76.3

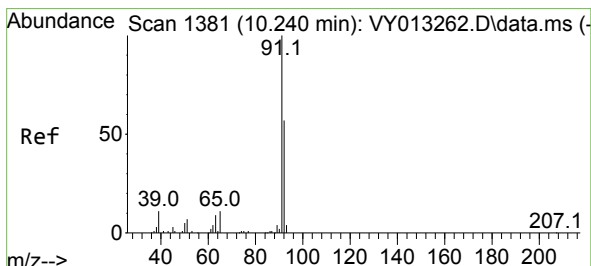
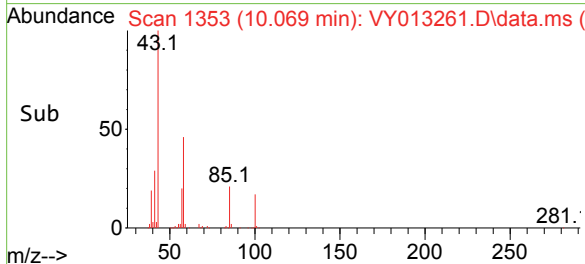
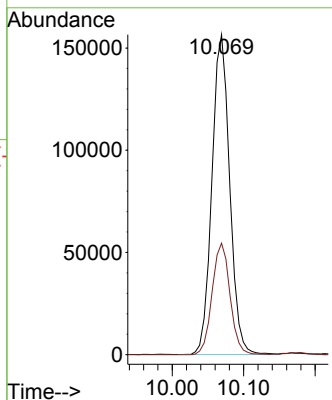
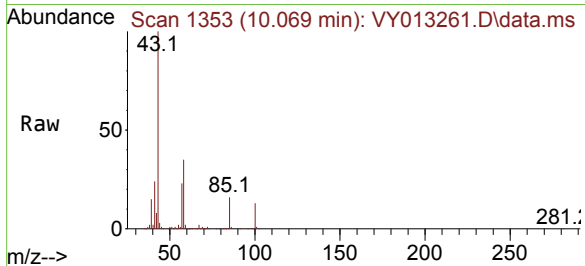




#51
4-Methyl-2-Pentanone
Concen: 94.158 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

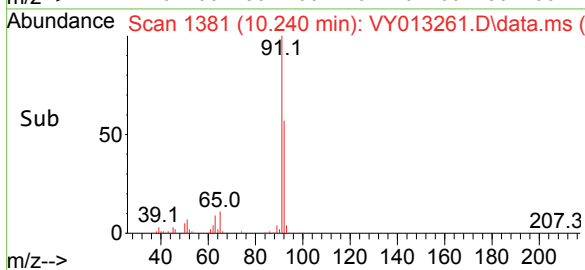
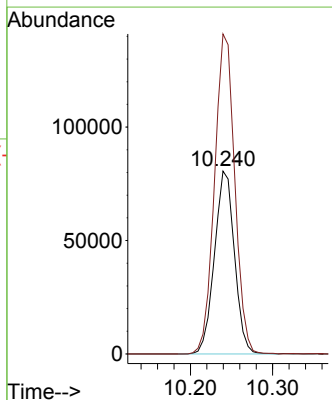
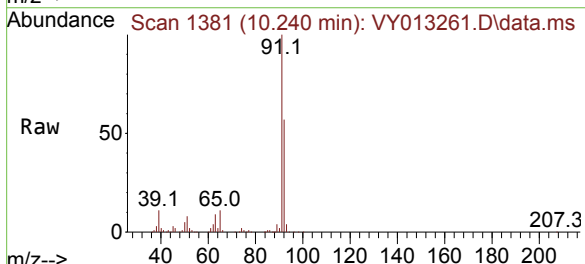
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

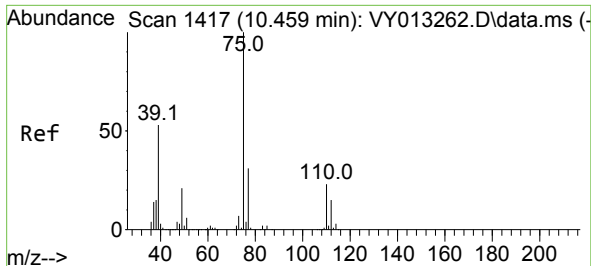
Tgt Ion: 43 Resp: 270036
Ion Ratio Lower Upper
43 100
58 35.2 29.8 44.6



#52
Toluene
Concen: 19.810 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 92 Resp: 136264
Ion Ratio Lower Upper
92 100
91 177.1 141.3 211.9

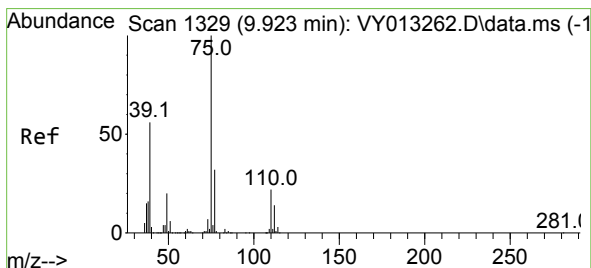
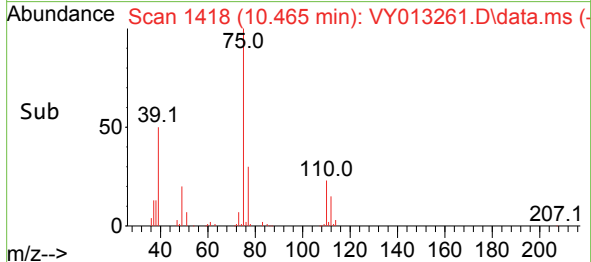
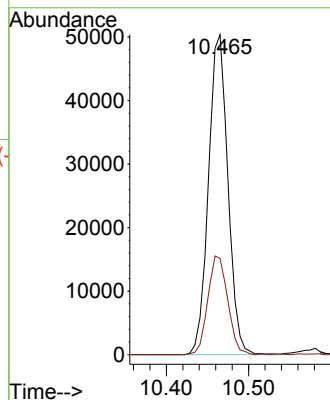
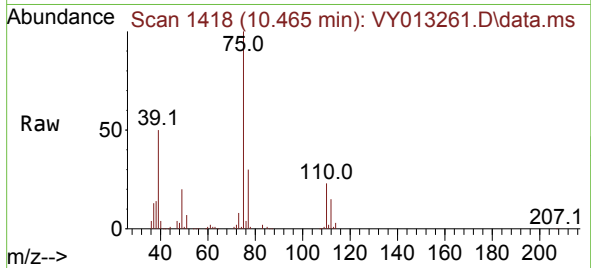




#53
 t-1,3-Dichloropropene
 Concen: 19.421 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY013261.D
 Acq: 12 Apr 2023 11:33

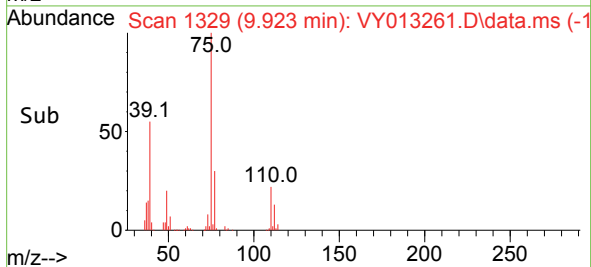
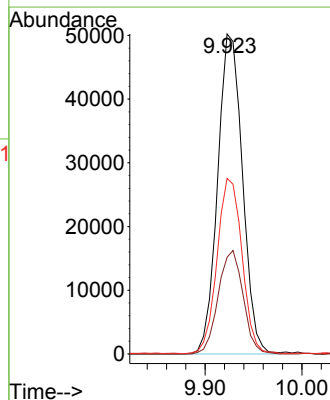
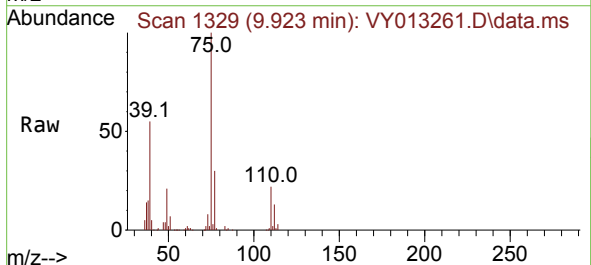
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

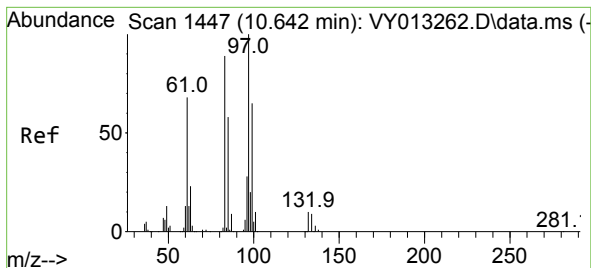
Tgt Ion: 75 Resp: 82738
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.160 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY013261.D
 Acq: 12 Apr 2023 11:33

Tgt Ion: 75 Resp: 89500
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.4 38.0
 39 54.7 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 19.209 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 45069

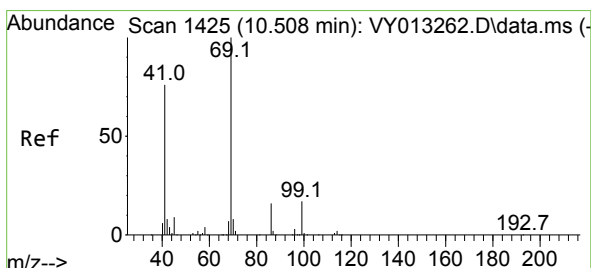
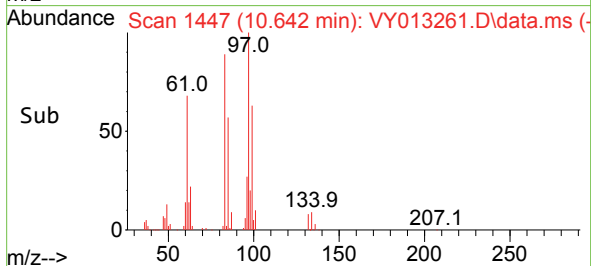
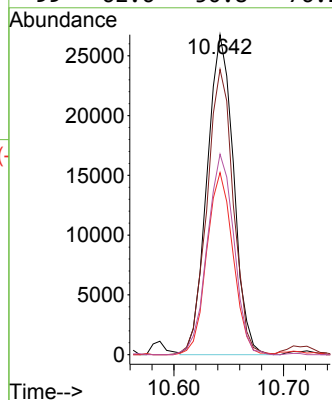
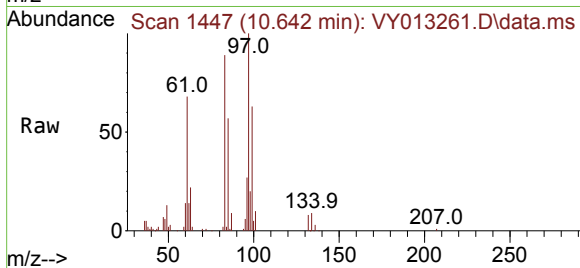
Ion Ratio Lower Upper

97 100

83 88.5 69.0 103.6

85 56.5 44.9 67.3

99 62.6 50.8 76.2



#56

Ethyl methacrylate

Concen: 18.896 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

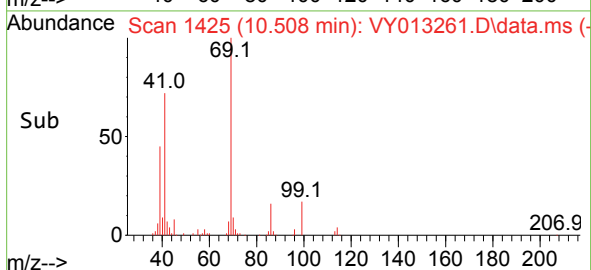
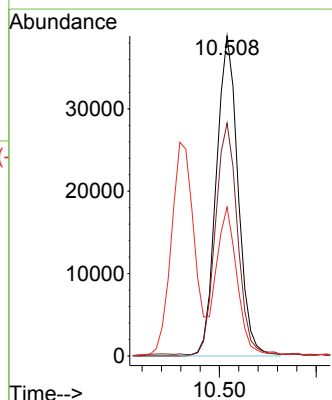
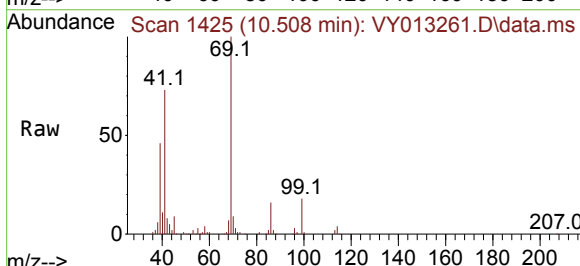
Tgt Ion: 69 Resp: 60704

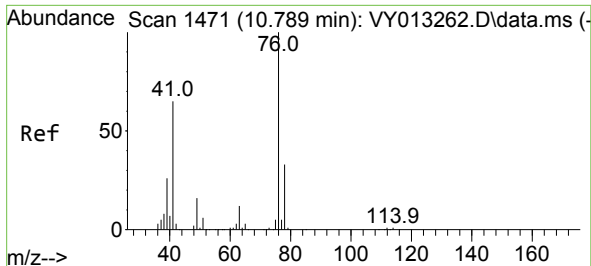
Ion Ratio Lower Upper

69 100

41 73.8 56.4 84.6

39 44.7 30.8 46.2





#57

1,3-Dichloropropane

Concen: 19.288 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

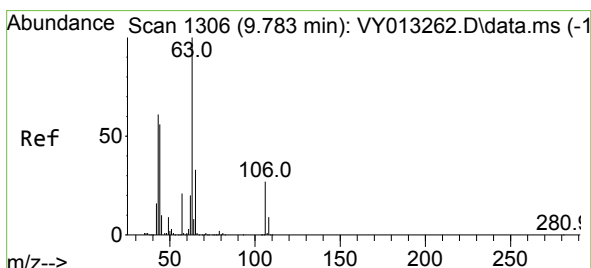
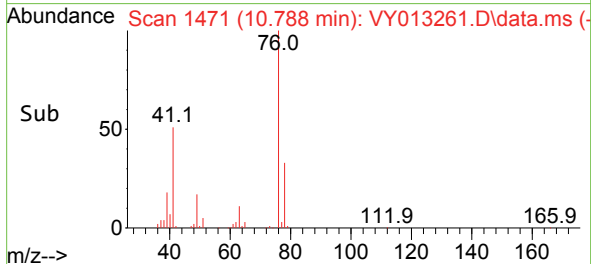
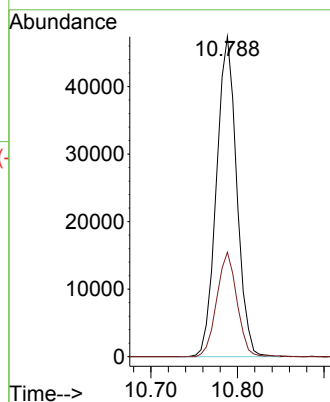
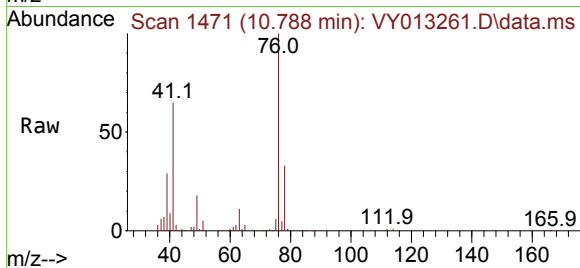
VSTDICC020

Tgt Ion: 76 Resp: 76969

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.994 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013261.D

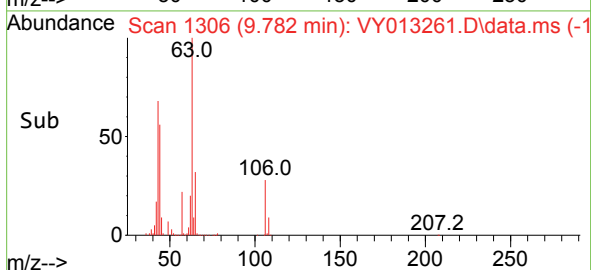
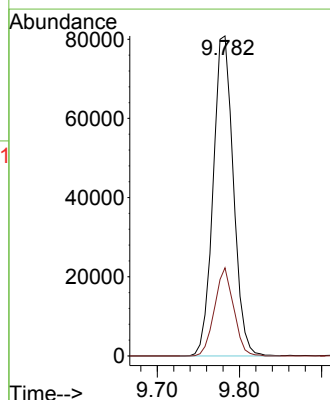
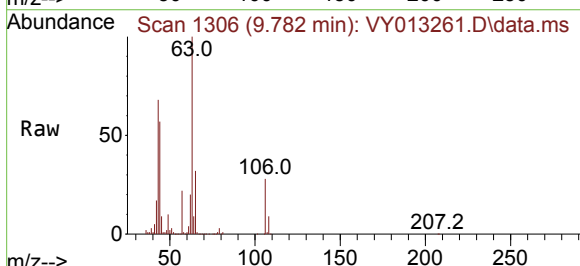
Acq: 12 Apr 2023 11:33

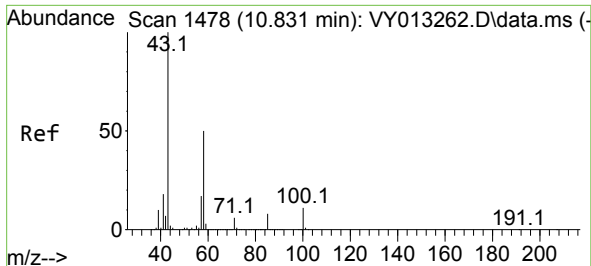
Tgt Ion: 63 Resp: 138156

Ion Ratio Lower Upper

63 100

106 26.0 22.1 33.1

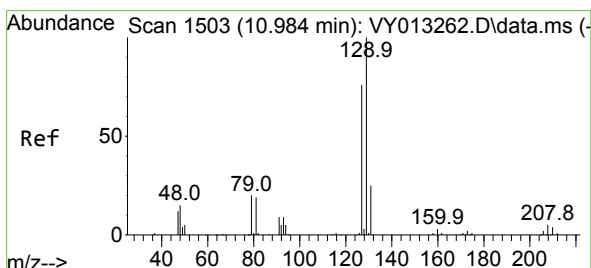
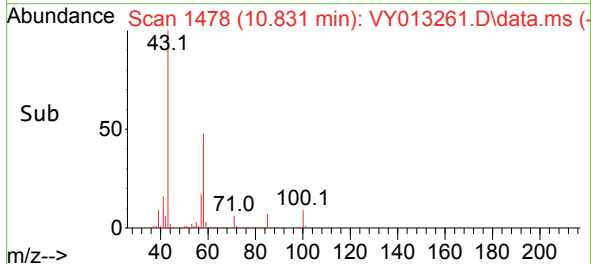
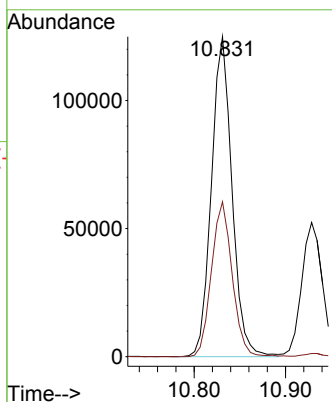
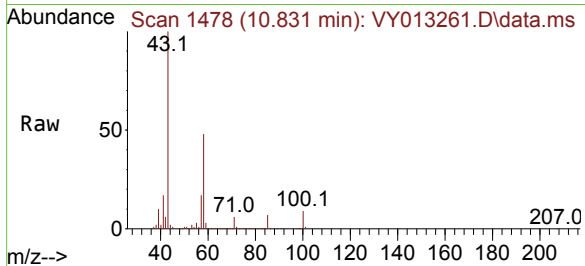




#59
2-Hexanone
Concen: 93.589 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

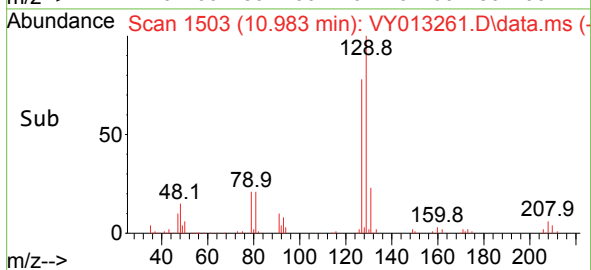
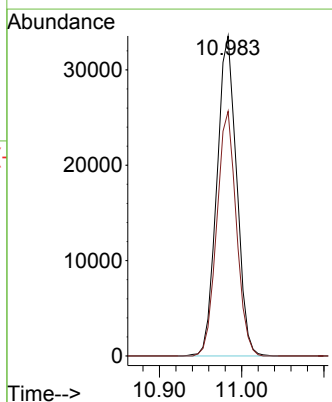
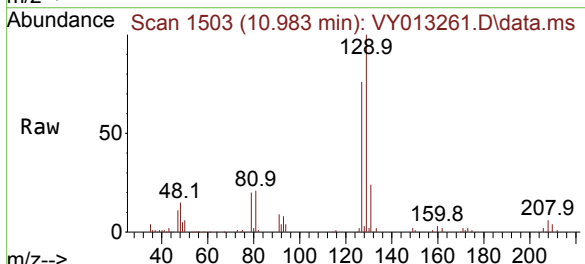
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

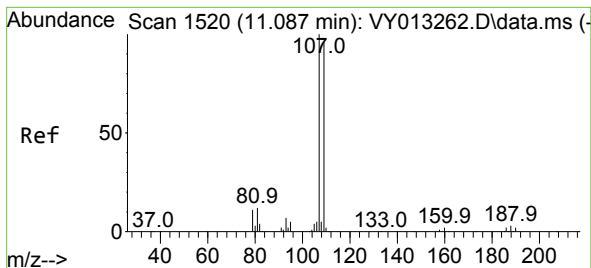
Tgt Ion: 43 Resp: 195162
Ion Ratio Lower Upper
43 100
58 48.9 25.9 77.8



#60
Dibromochloromethane
Concen: 19.070 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 129 Resp: 56102
Ion Ratio Lower Upper
129 100
127 75.7 38.7 116.1

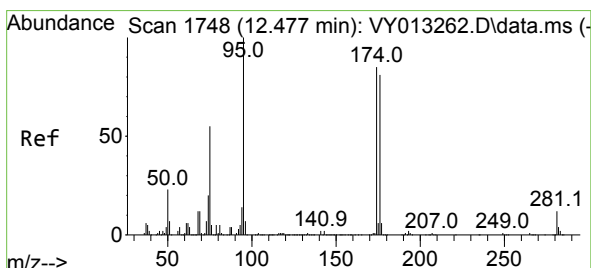
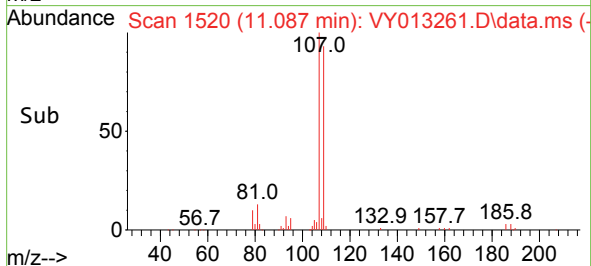
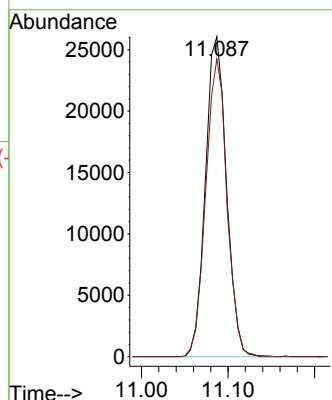
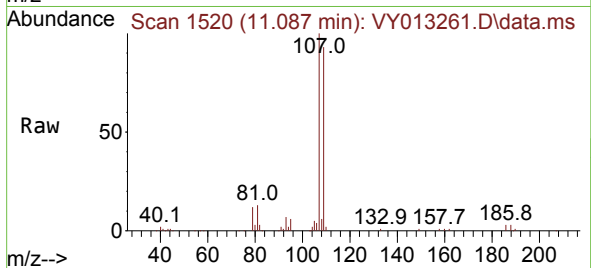




#61
1,2-Dibromoethane
Concen: 19.278 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

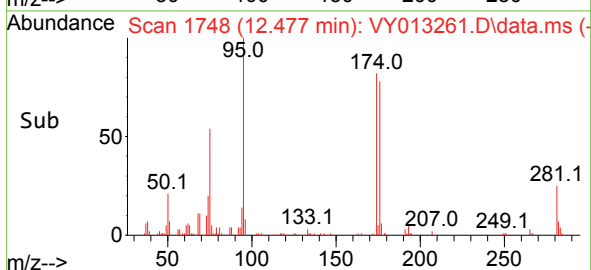
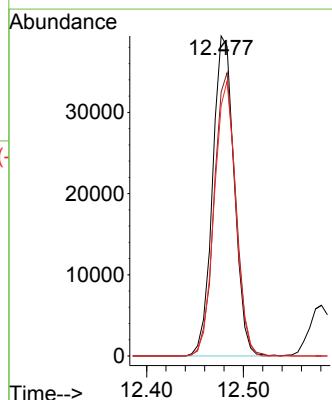
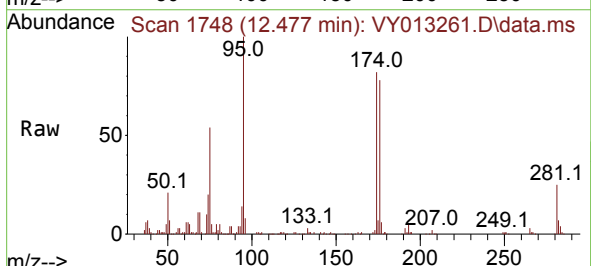
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

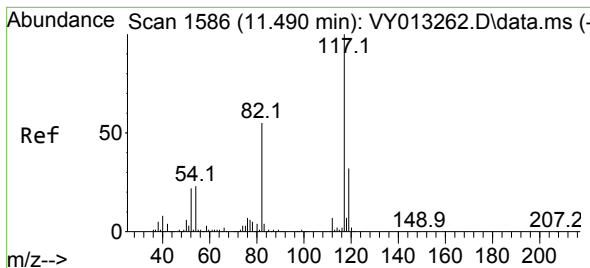
Tgt Ion:107 Resp: 44046
Ion Ratio Lower Upper
107 100
109 93.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 19.425 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 95 Resp: 61035
Ion Ratio Lower Upper
95 100
174 88.6 0.0 176.6
176 85.9 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

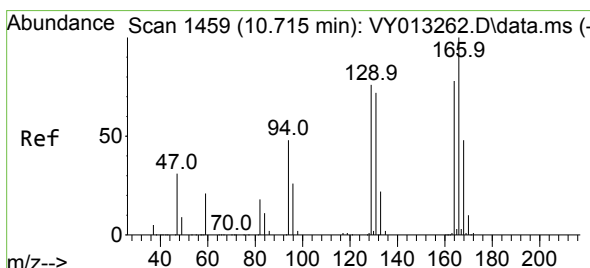
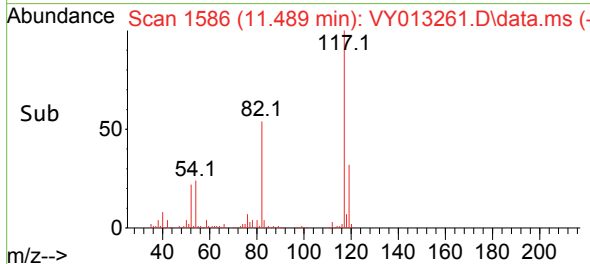
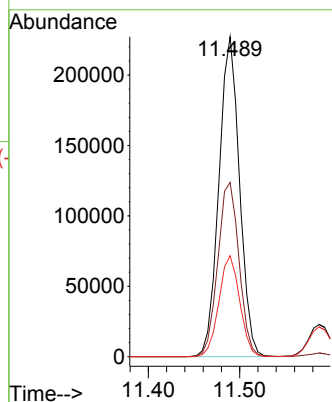
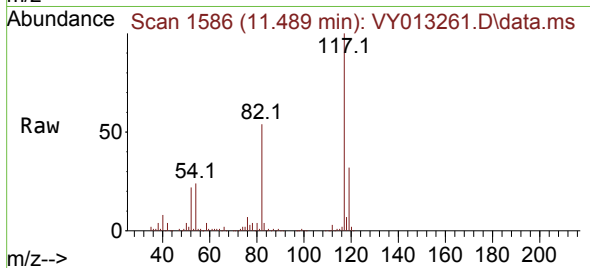
Tgt Ion:117 Resp: 356338

Ion Ratio Lower Upper

117 100

82 54.5 45.4 68.0

119 31.6 25.6 38.4



#64

Tetrachloroethene

Concen: 19.235 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Tgt Ion:164 Resp: 48356

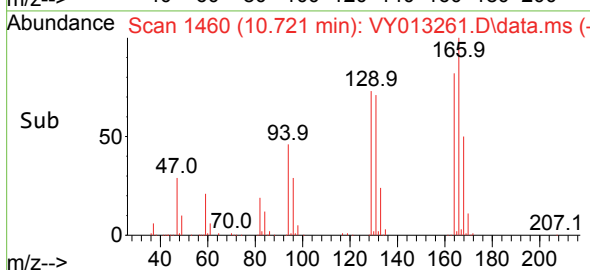
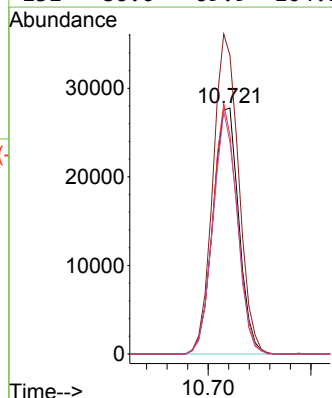
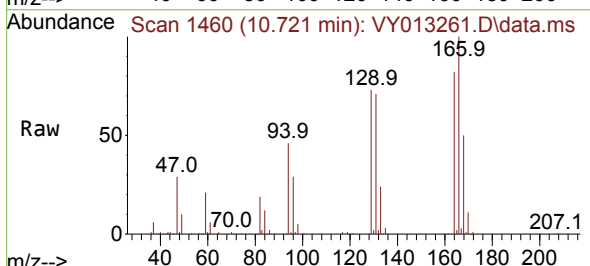
Ion Ratio Lower Upper

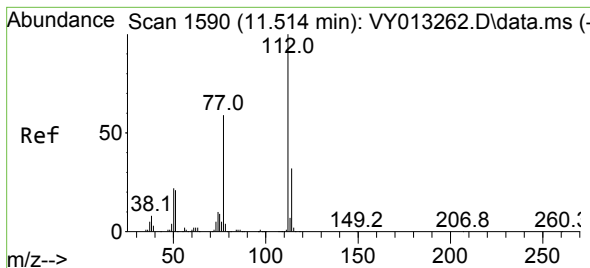
164 100

166 121.4 103.4 155.2

129 88.8 71.4 107.2

131 86.0 69.9 104.9

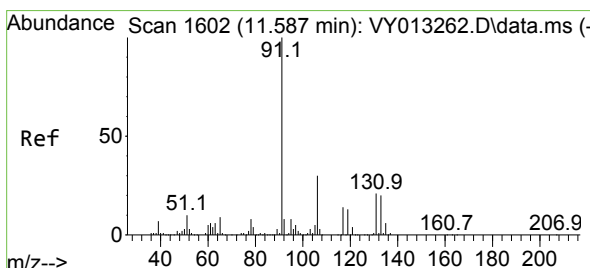
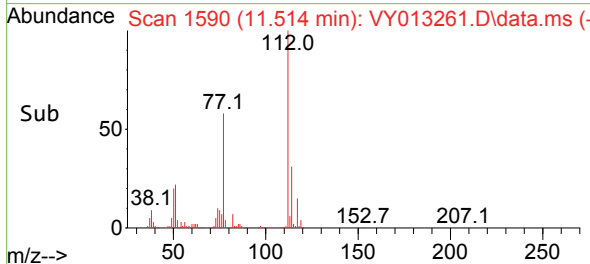
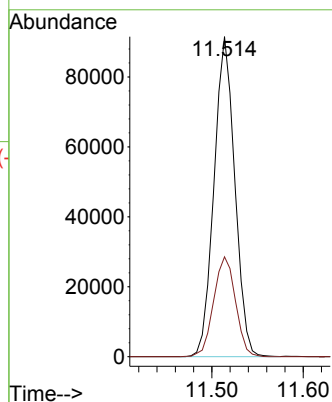
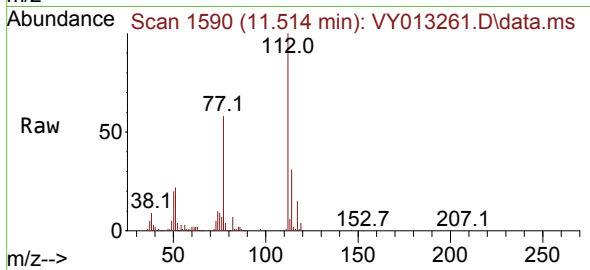




#65
Chlorobenzene
Concen: 19.415 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

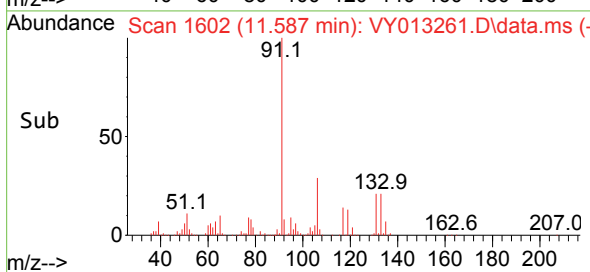
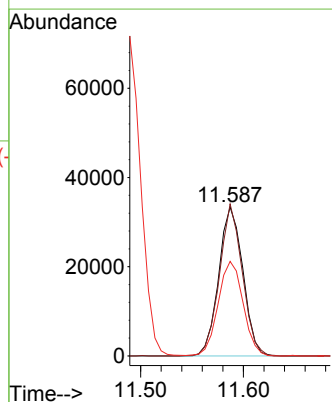
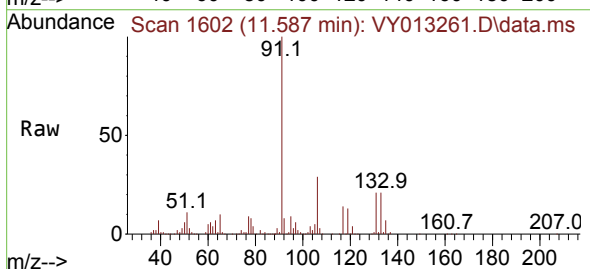
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

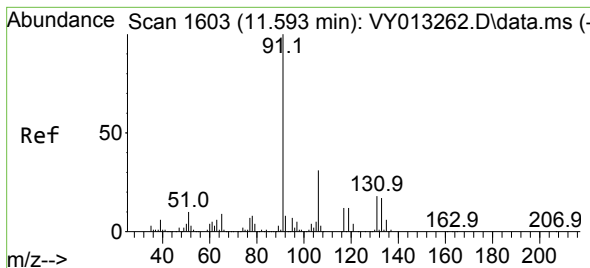
Tgt Ion:112 Resp: 144721
Ion Ratio Lower Upper
112 100
114 31.2 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.457 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion:131 Resp: 54428
Ion Ratio Lower Upper
131 100
133 96.8 48.0 144.0
119 65.7 32.6 98.0





#67

Ethyl Benzene

Concen: 19.843 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

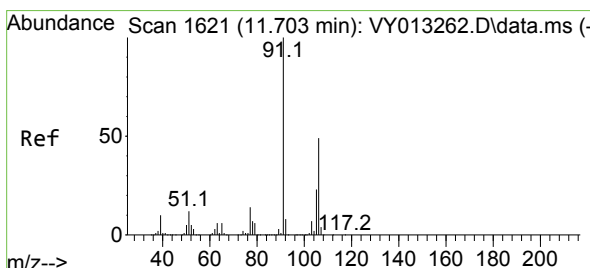
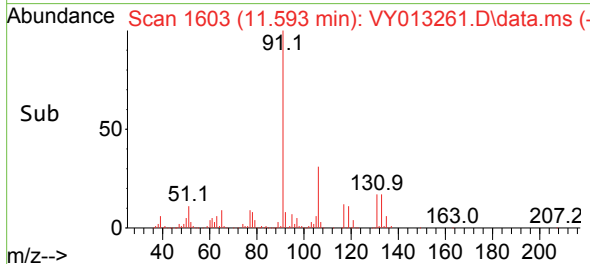
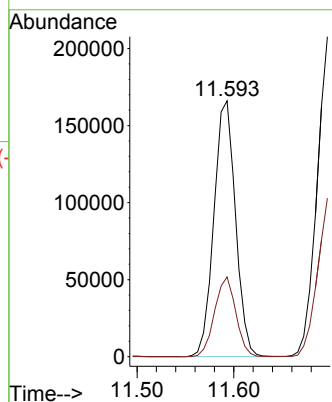
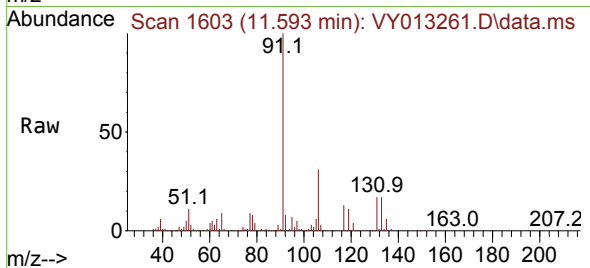
VSTDIC020

Tgt Ion: 91 Resp: 257621

Ion Ratio Lower Upper

91 100

106 31.2 25.1 37.7



#68

m/p-Xylenes

Concen: 39.909 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013261.D

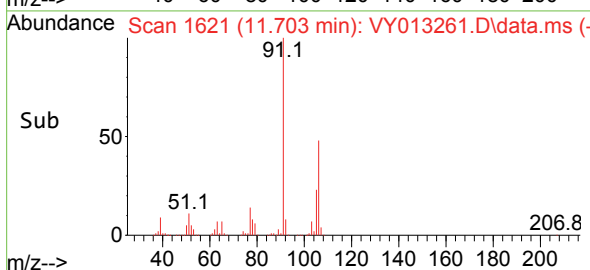
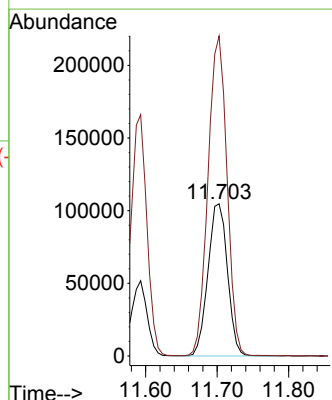
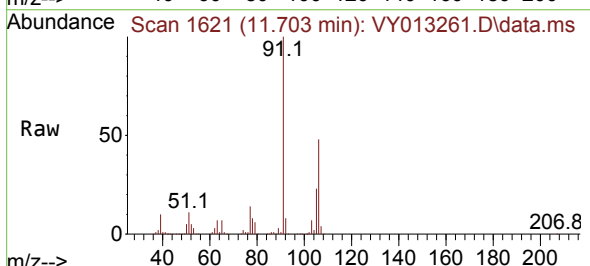
Acq: 12 Apr 2023 11:33

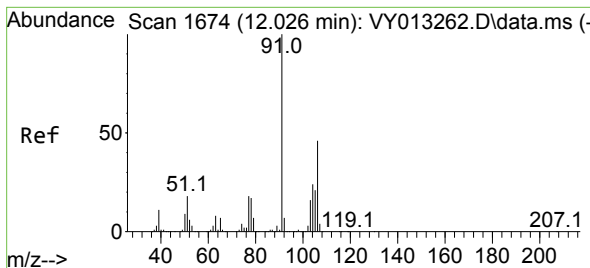
Tgt Ion: 106 Resp: 198243

Ion Ratio Lower Upper

106 100

91 204.5 159.8 239.8

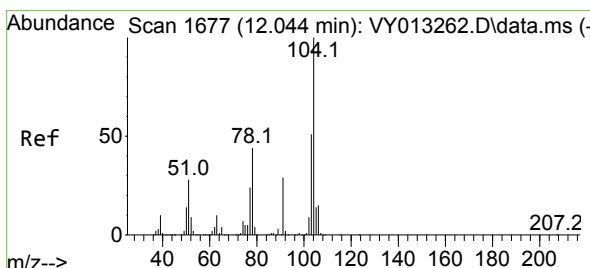
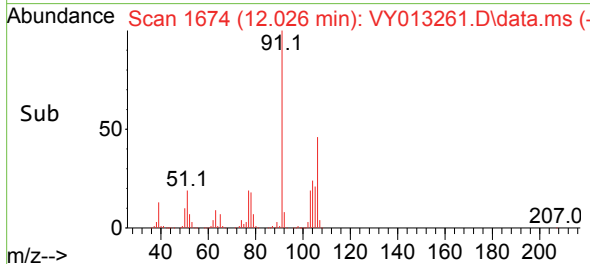
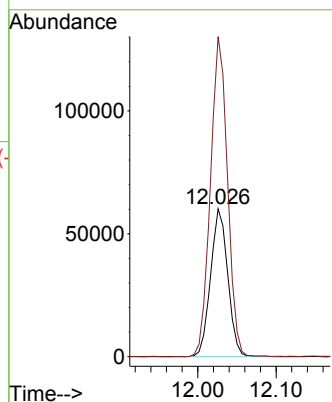
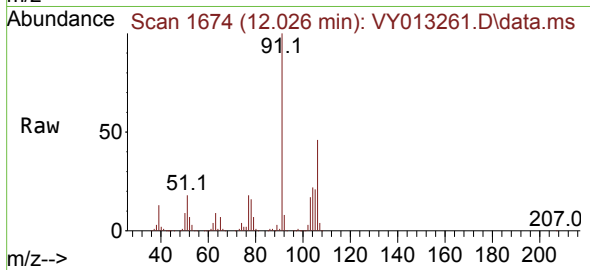




#69
o-Xylene
Concen: 19.889 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

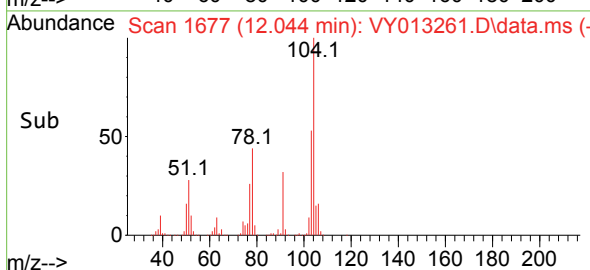
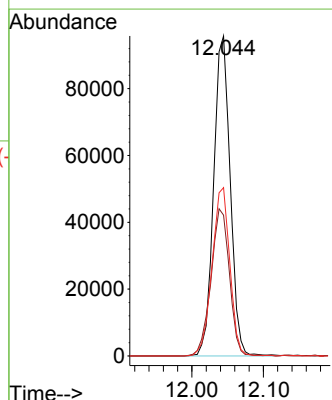
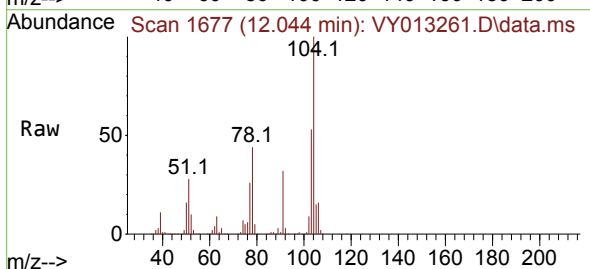
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

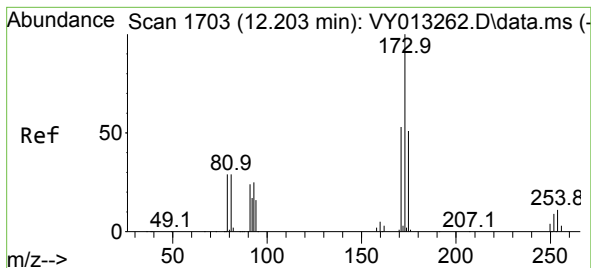
Tgt Ion:106 Resp: 91498
Ion Ratio Lower Upper
106 100
91 215.8 107.2 321.6



#70
Styrene
Concen: 19.787 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion:104 Resp: 153748
Ion Ratio Lower Upper
104 100
78 51.2 39.2 58.8
103 56.7 43.7 65.5





#71

Bromoform

Concen: 19.243 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

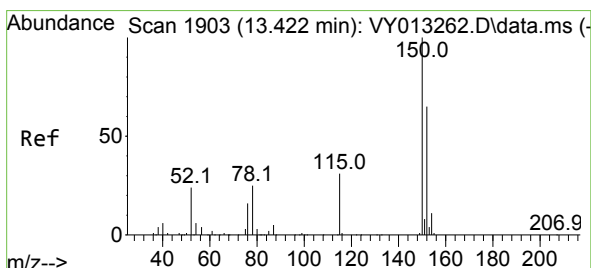
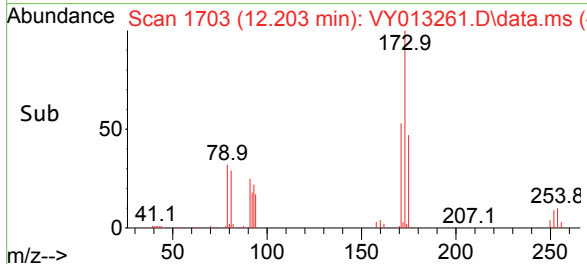
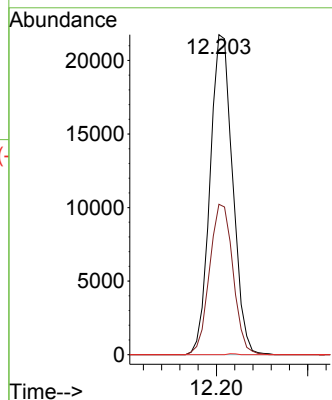
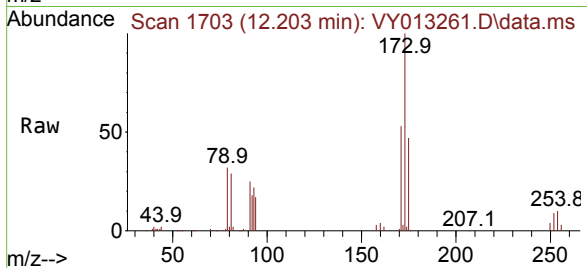
Tgt Ion:173 Resp: 37292

Ion Ratio Lower Upper

173 100

175 48.9 25.0 75.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

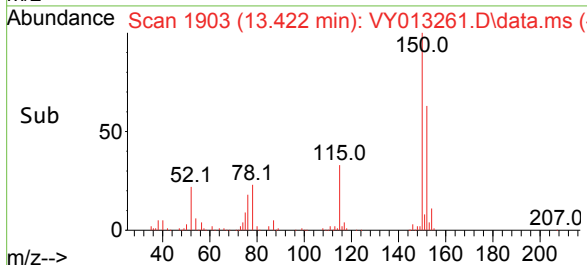
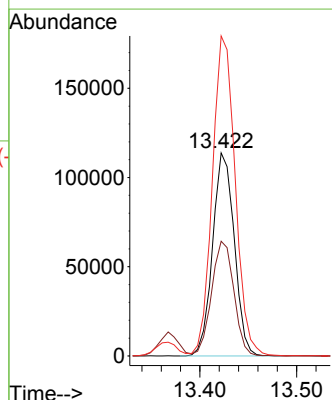
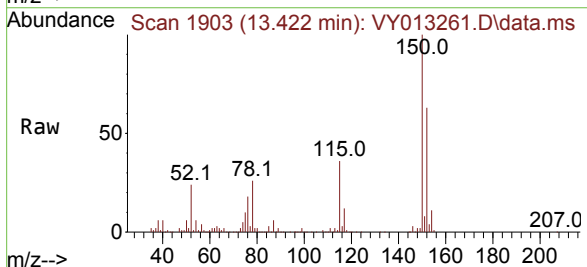
Tgt Ion:152 Resp: 177083

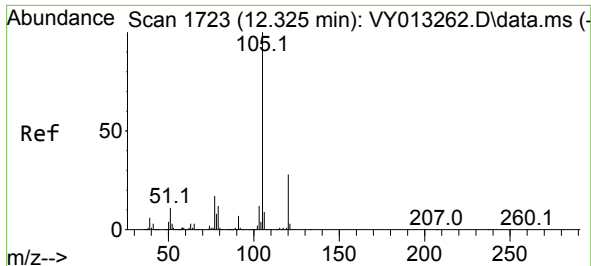
Ion Ratio Lower Upper

152 100

115 58.2 27.1 81.3

150 166.6 0.0 347.8

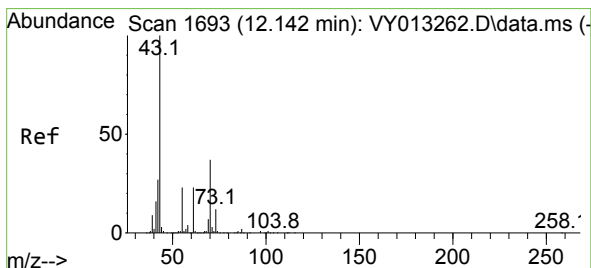
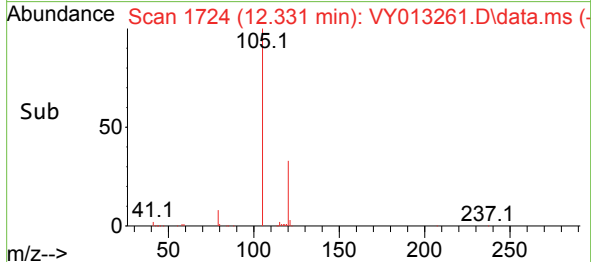
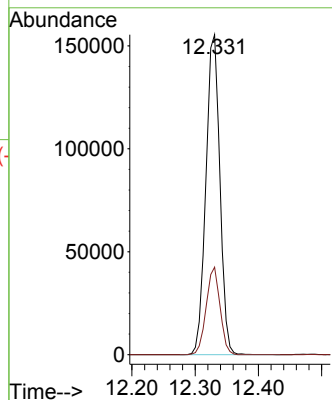
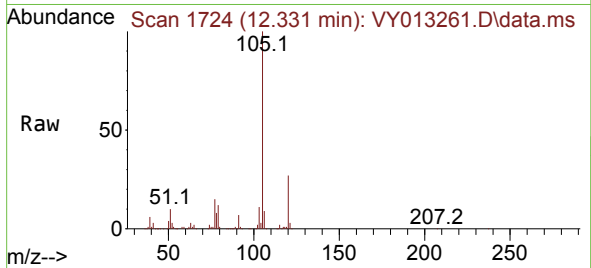




#73
Isopropylbenzene
Concen: 19.707 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

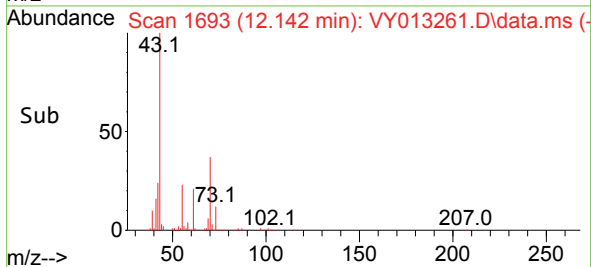
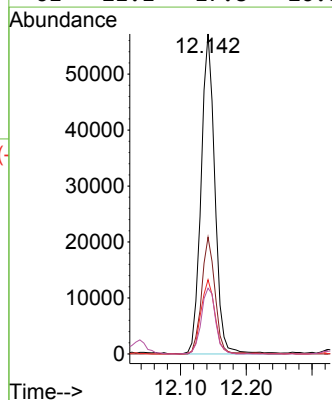
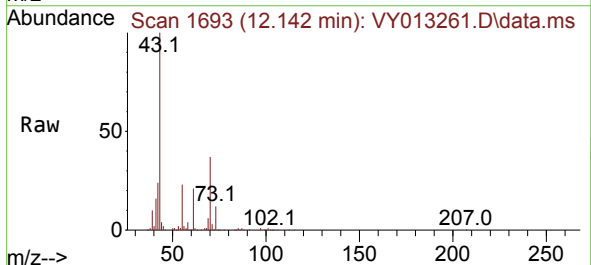
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

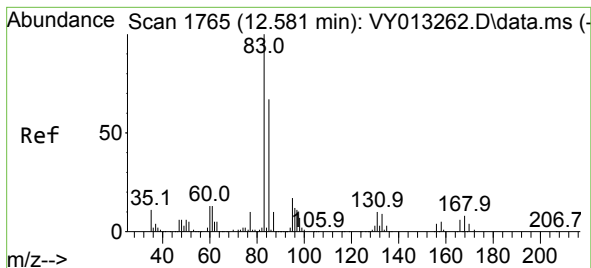
Tgt Ion:105 Resp: 239371
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 19.226 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 43 Resp: 83317
Ion Ratio Lower Upper
43 100
70 35.2 31.6 47.4
55 23.5 18.8 28.2
61 21.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.404 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

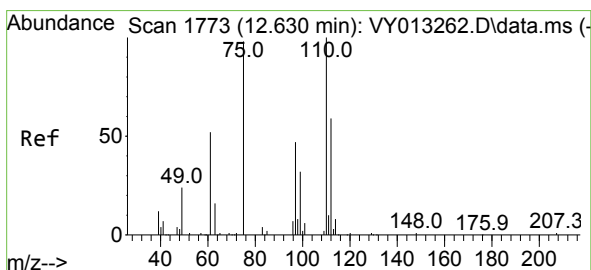
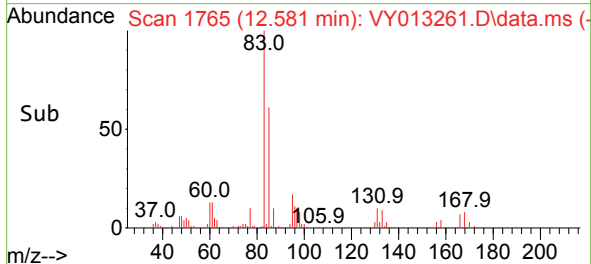
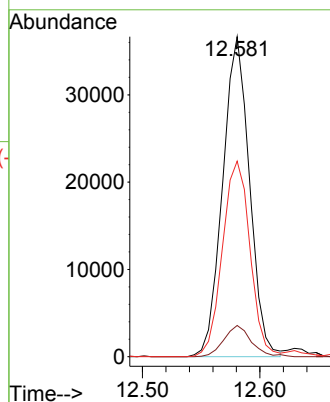
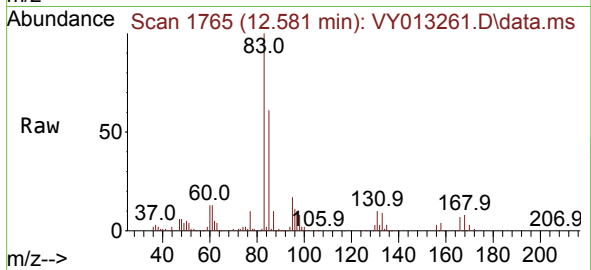
Tgt Ion: 83 Resp: 58224

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.2

85 62.8 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 30.800 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY013261.D

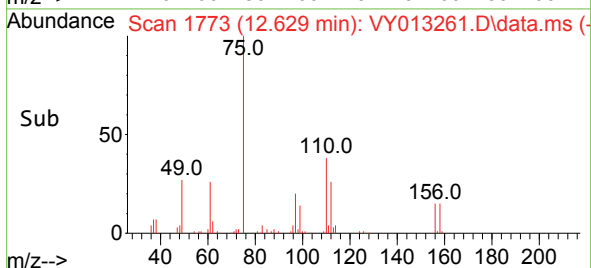
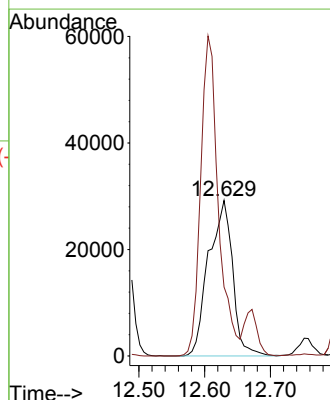
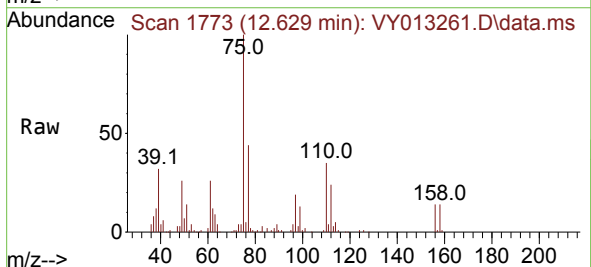
Acq: 12 Apr 2023 11:33

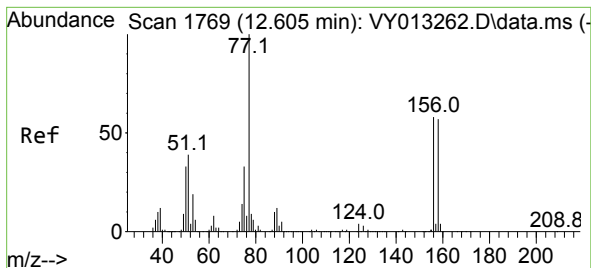
Tgt Ion: 75 Resp: 74388

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.443 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

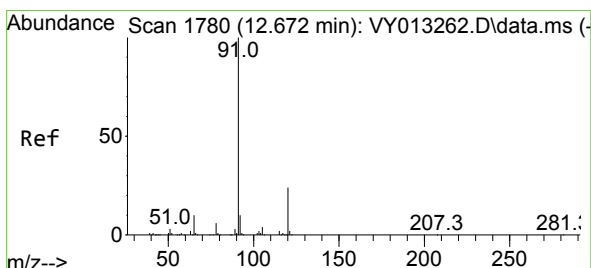
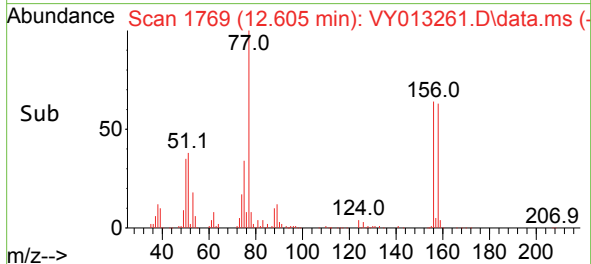
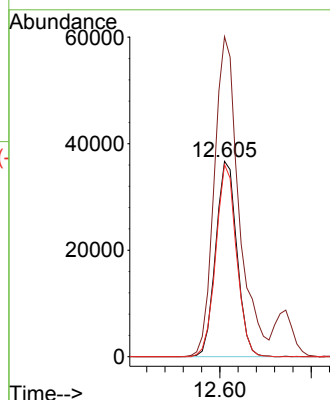
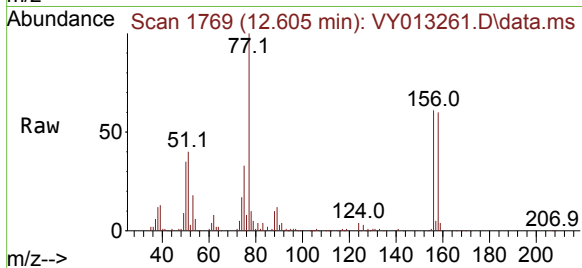
Tgt Ion:156 Resp: 59058

Ion Ratio Lower Upper

156 100

77 191.1 94.0 282.1

158 96.3 48.1 144.4



#78

n-propylbenzene

Concen: 20.086 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY013261.D

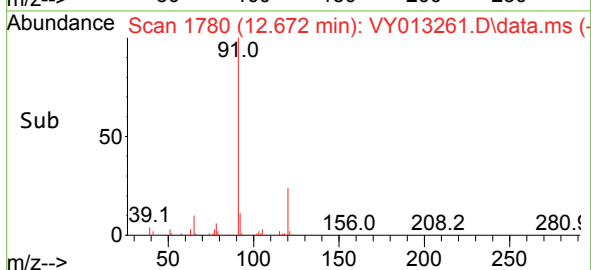
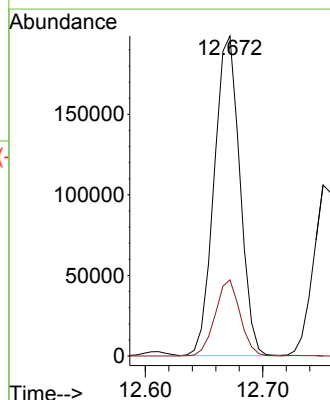
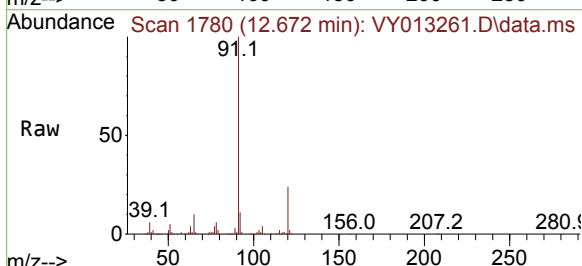
Acq: 12 Apr 2023 11:33

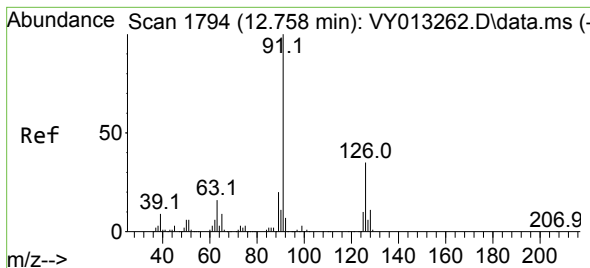
Tgt Ion: 91 Resp: 301321

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 19.965 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

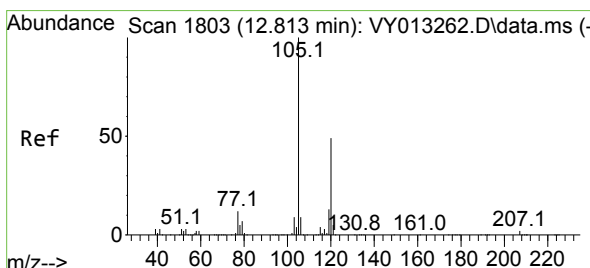
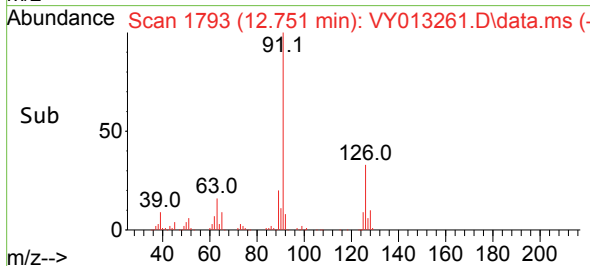
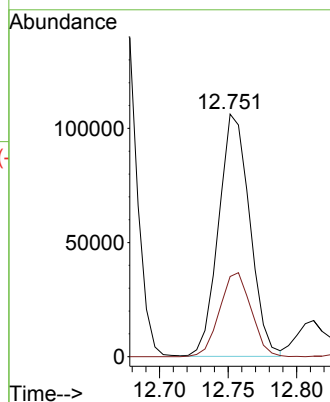
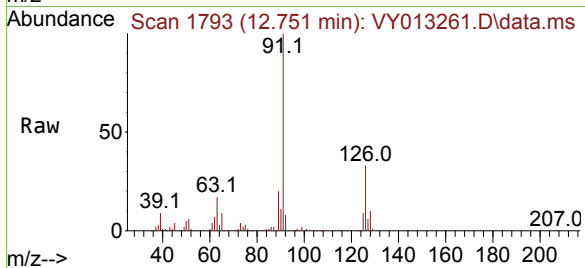
VSTDICC020

Tgt Ion: 91 Resp: 168595

Ion Ratio Lower Upper

91 100

126 35.0 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 20.320 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY013261.D

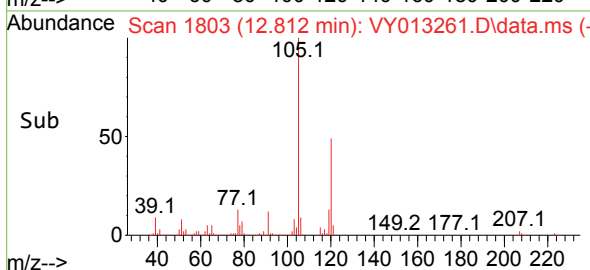
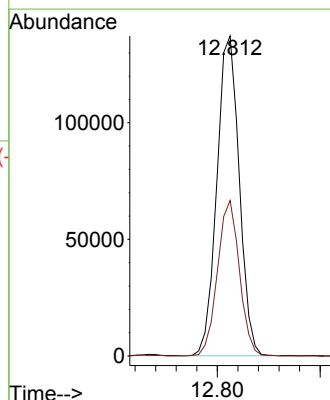
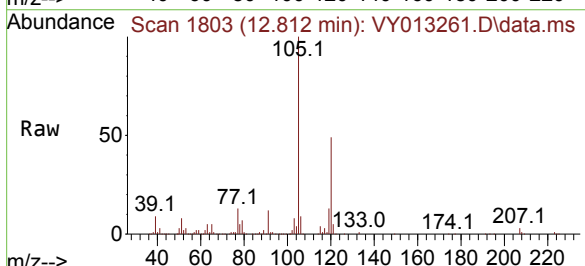
Acq: 12 Apr 2023 11:33

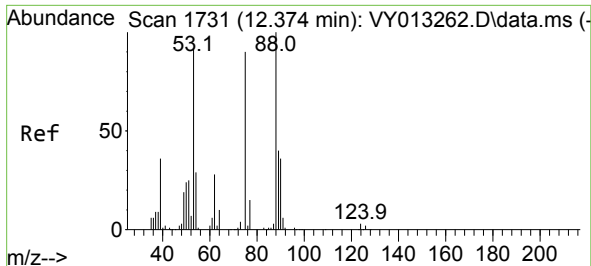
Tgt Ion:105 Resp: 206745

Ion Ratio Lower Upper

105 100

120 47.7 24.8 74.4

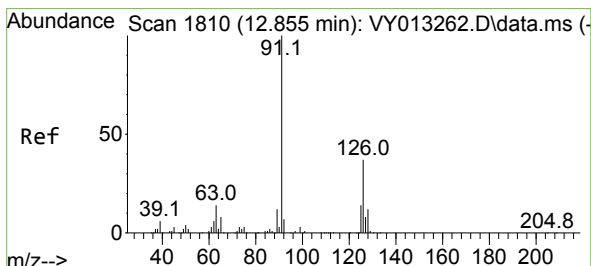
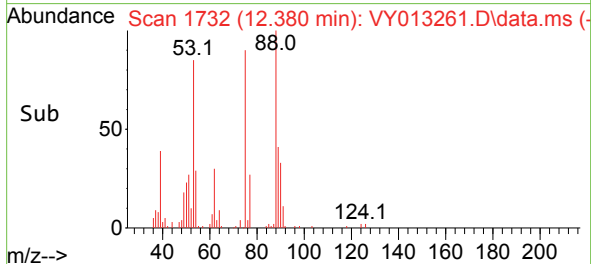
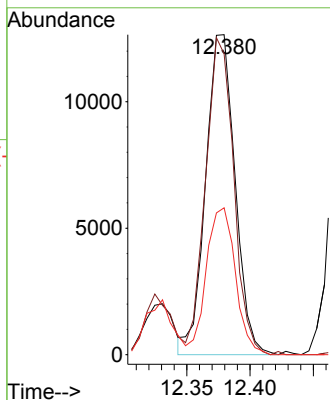
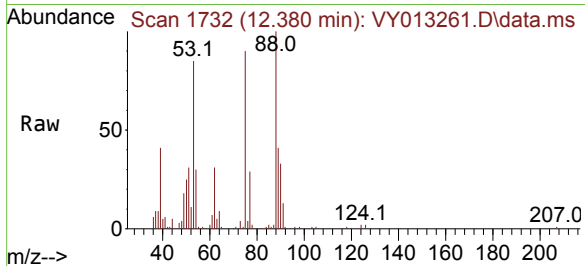




#81
trans-1,4-Dichloro-2-butene
Concen: 19.235 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

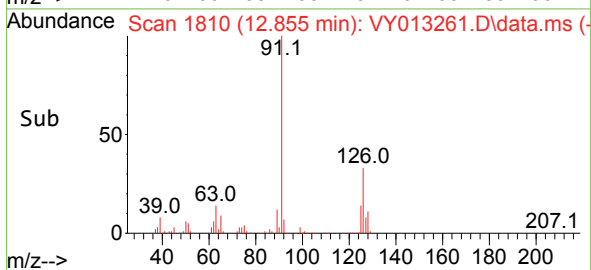
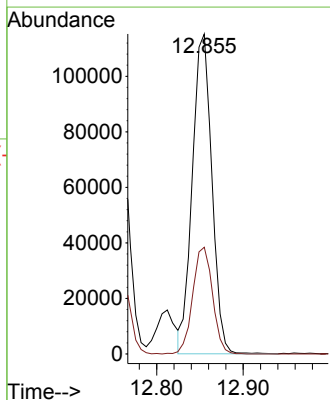
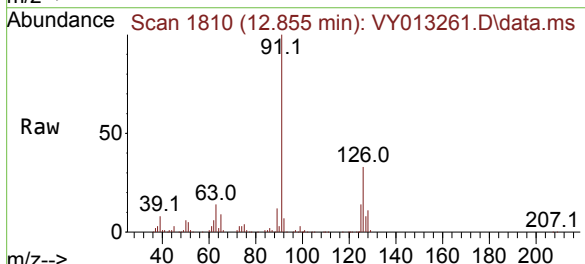
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

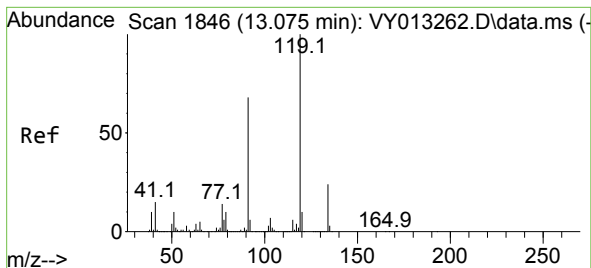
Tgt Ion: 75 Resp: 20450
Ion Ratio Lower Upper
75 100
53 94.4 73.4 110.0
89 45.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 20.263 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion: 91 Resp: 180388
Ion Ratio Lower Upper
91 100
126 33.9 17.7 53.1





#83

tert-Butylbenzene

Concen: 20.210 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

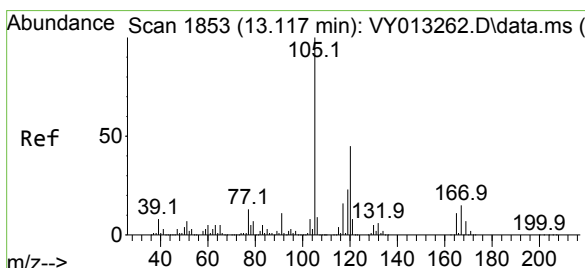
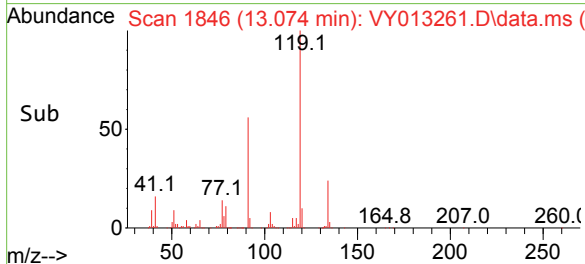
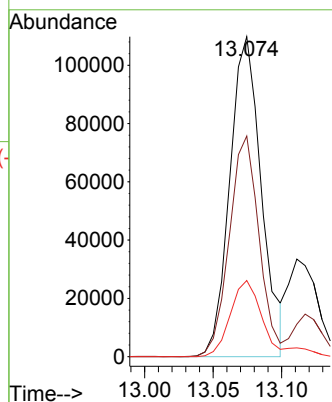
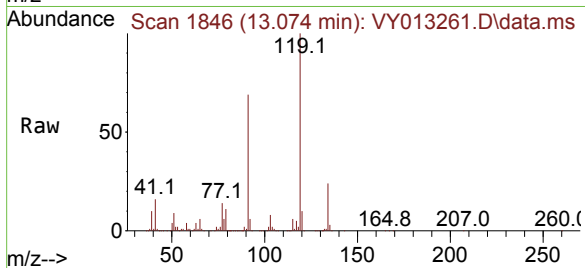
Tgt Ion:119 Resp: 176438

Ion Ratio Lower Upper

119 100

91 65.1 32.8 98.3

134 25.4 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 20.115 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY013261.D

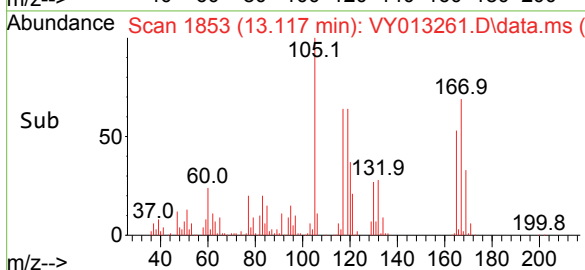
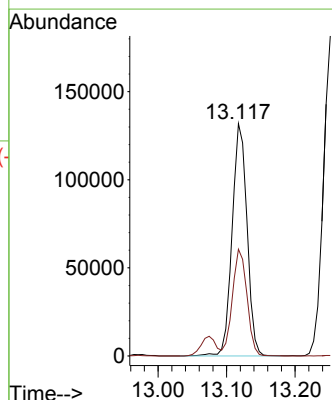
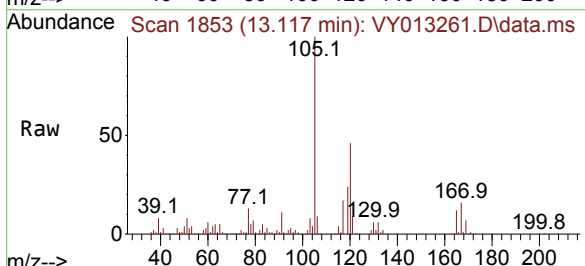
Acq: 12 Apr 2023 11:33

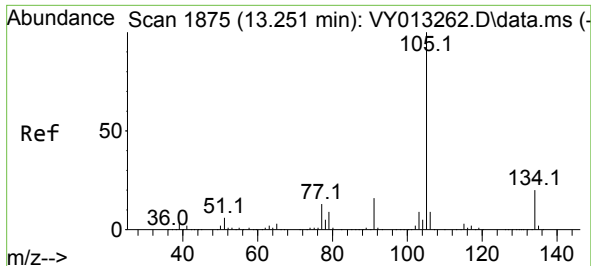
Tgt Ion:105 Resp: 199183

Ion Ratio Lower Upper

105 100

120 44.7 23.0 69.0

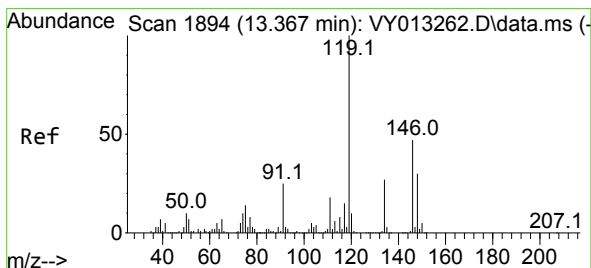
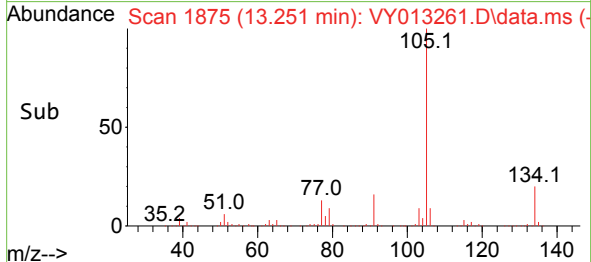
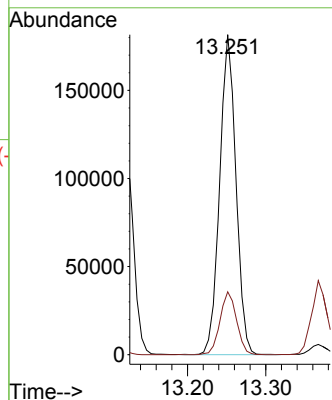
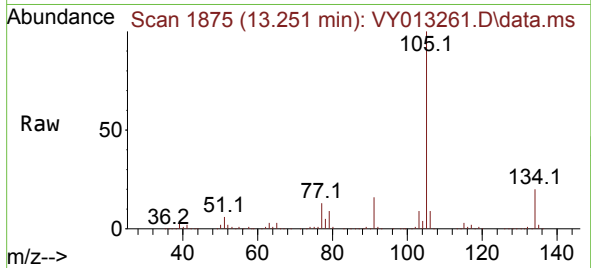




#85
 sec-Butylbenzene
 Concen: 20.136 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY013261.D
 Acq: 12 Apr 2023 11:33

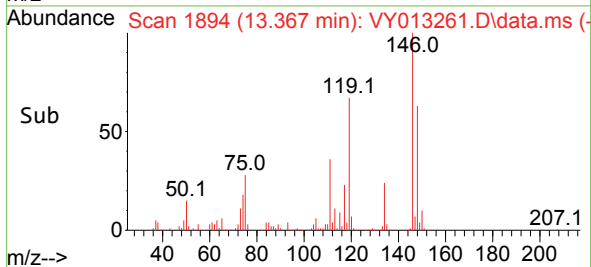
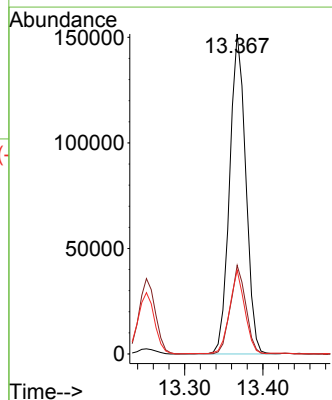
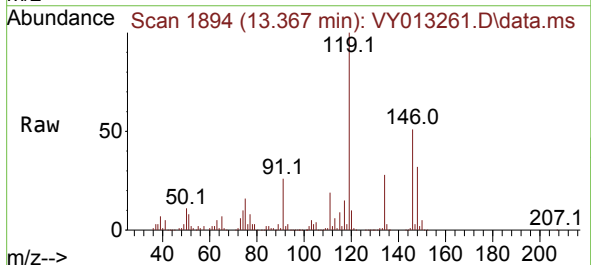
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

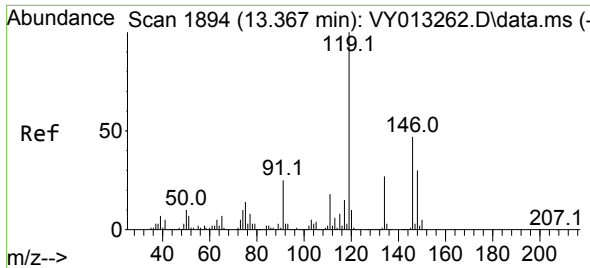
Tgt Ion:105 Resp: 262882
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 20.292 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY013261.D
 Acq: 12 Apr 2023 11:33

Tgt Ion:119 Resp: 217392
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.6
 91 24.4 11.8 35.3

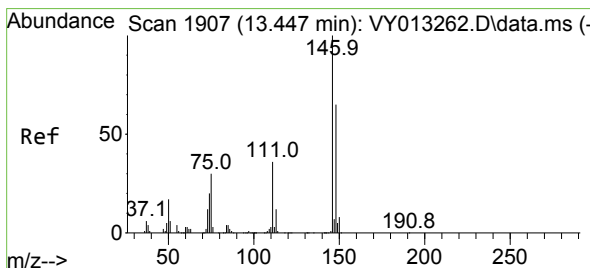
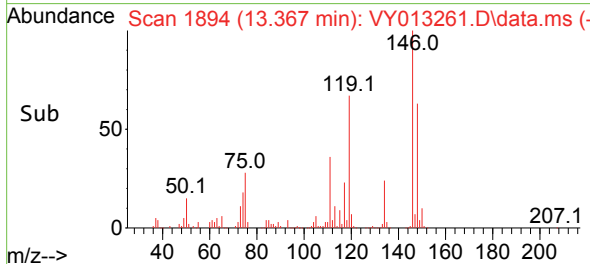
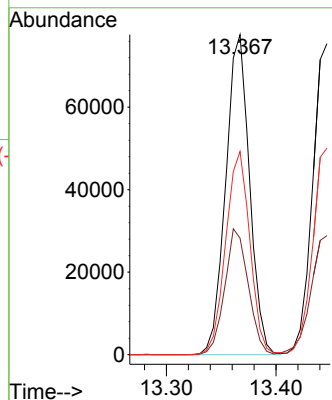
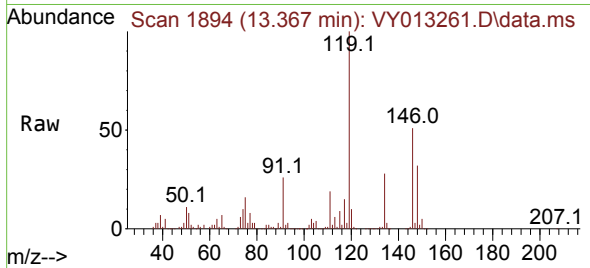




#87
1,3-Dichlorobenzene
Concen: 20.009 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

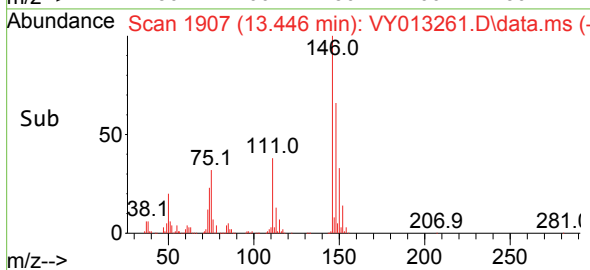
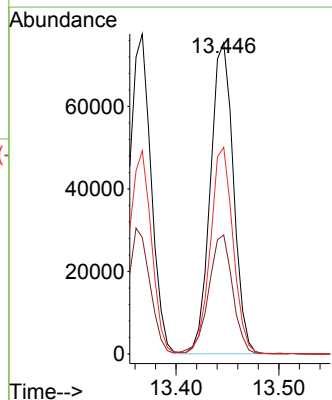
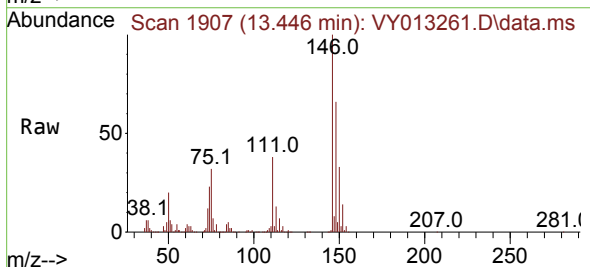
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

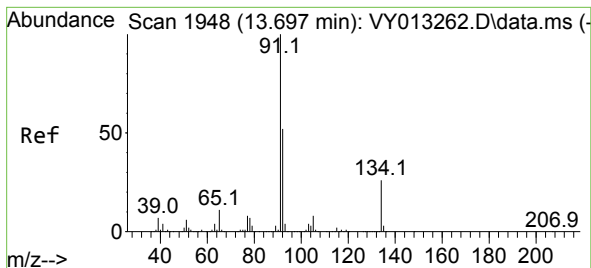
Tgt Ion:146 Resp: 117158
Ion Ratio Lower Upper
146 100
111 38.9 19.1 57.5
148 64.6 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 19.846 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion:146 Resp: 117428
Ion Ratio Lower Upper
146 100
111 39.8 18.6 55.8
148 65.5 31.5 94.5





#89

n-Butylbenzene

Concen: 19.978 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

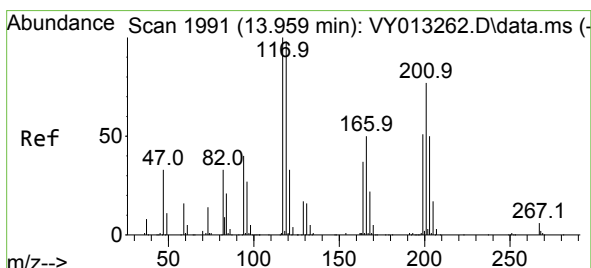
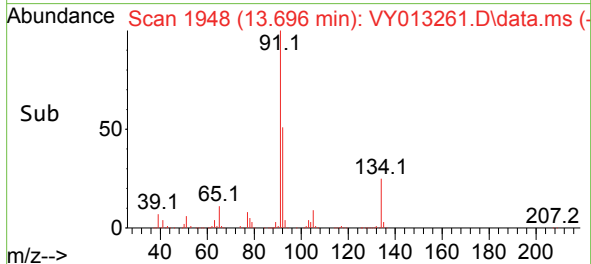
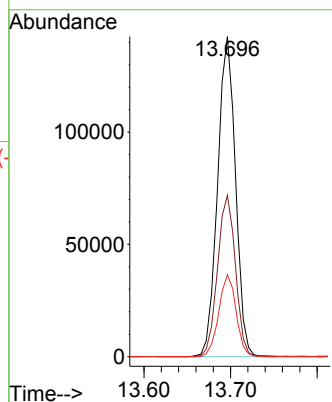
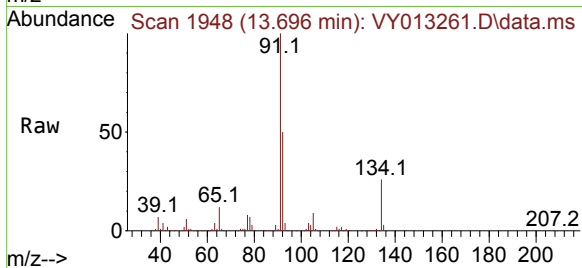
Tgt Ion: 91 Resp: 204703

Ion Ratio Lower Upper

91 100

92 50.3 26.4 79.0

134 24.8 13.0 38.9



#90

Hexachloroethane

Concen: 20.079 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY013261.D

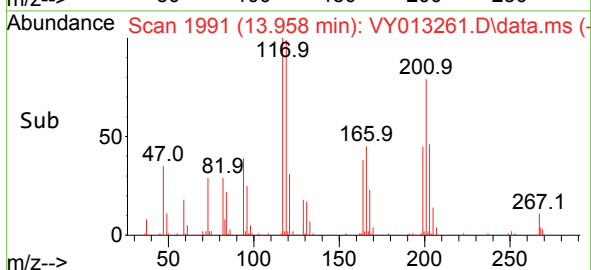
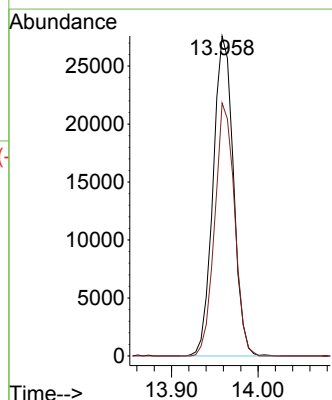
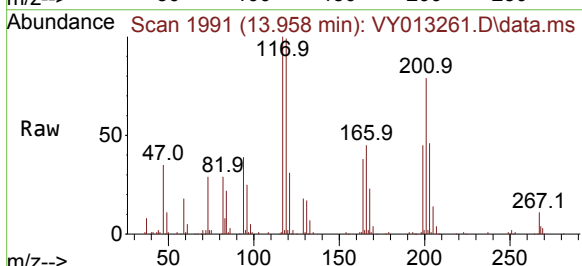
Acq: 12 Apr 2023 11:33

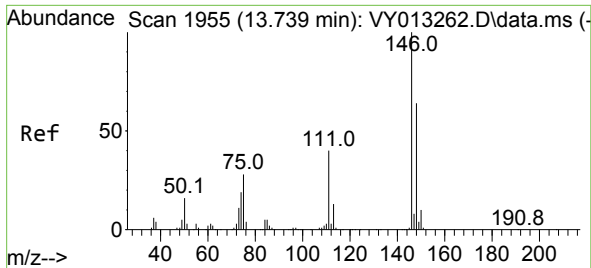
Tgt Ion: 117 Resp: 44852

Ion Ratio Lower Upper

117 100

201 77.2 39.4 118.1

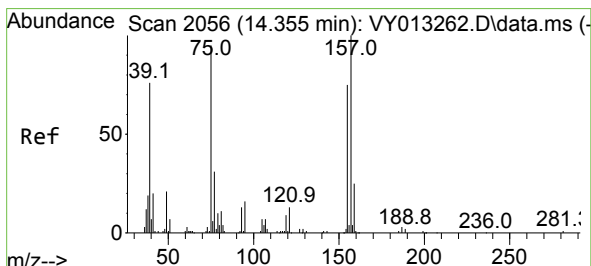
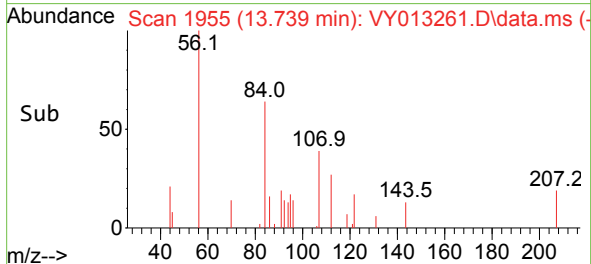
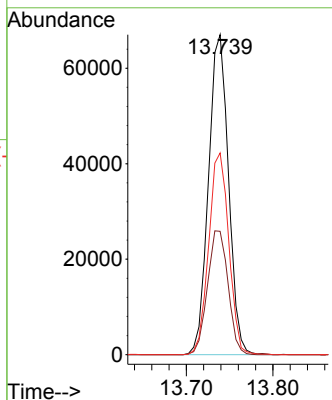
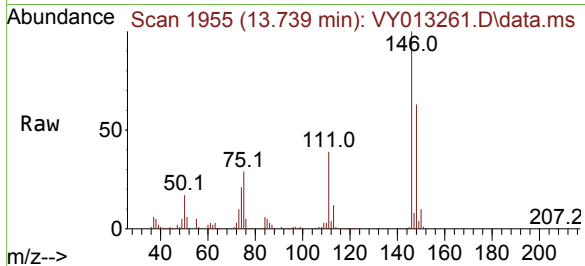




#91
 1,2-Dichlorobenzene
 Concen: 20.168 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY013261.D
 Acq: 12 Apr 2023 11:33

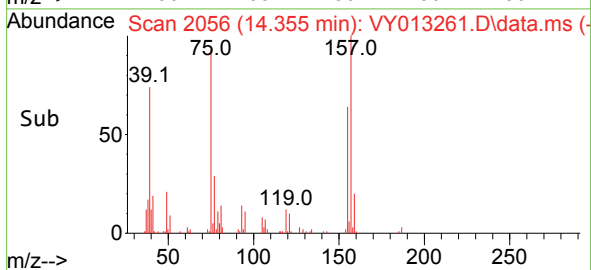
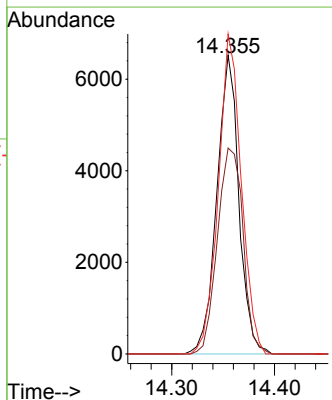
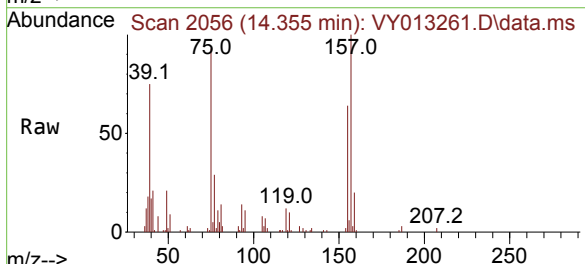
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

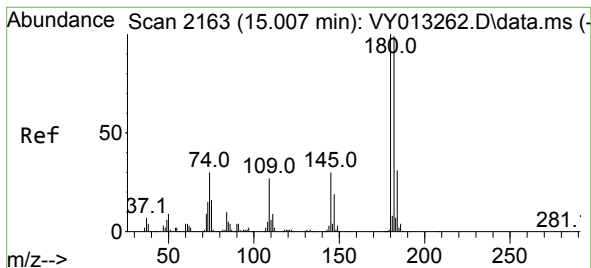
Tgt Ion:146 Resp: 107458
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.7 59.1
 148 63.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.823 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013261.D
 Acq: 12 Apr 2023 11:33

Tgt Ion: 75 Resp: 9712
 Ion Ratio Lower Upper
 75 100
 155 79.8 43.8 131.4
 157 111.3 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 19.344 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

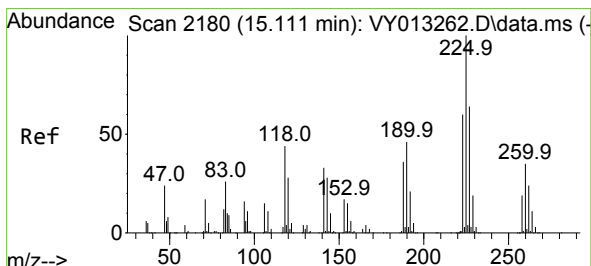
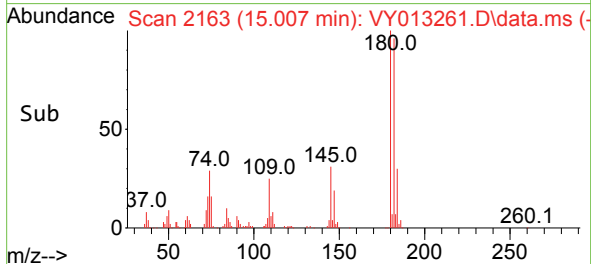
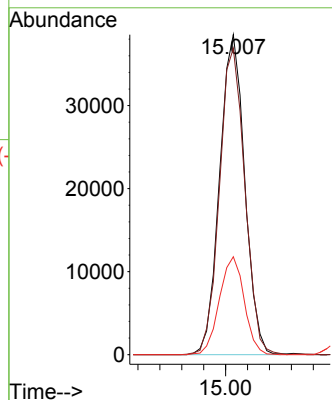
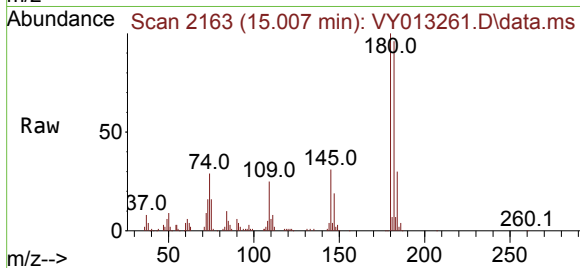
Tgt Ion:180 Resp: 61256

Ion Ratio Lower Upper

180 100

182 96.7 46.7 140.1

145 30.3 14.6 43.8



#94

Hexachlorobutadiene

Concen: 19.315 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013261.D

Acq: 12 Apr 2023 11:33

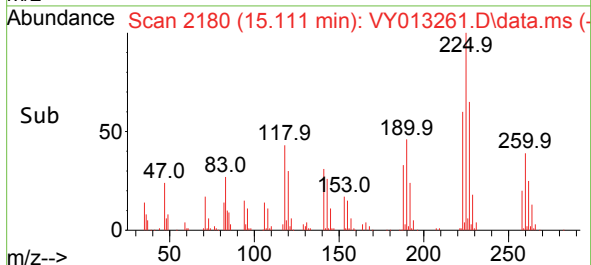
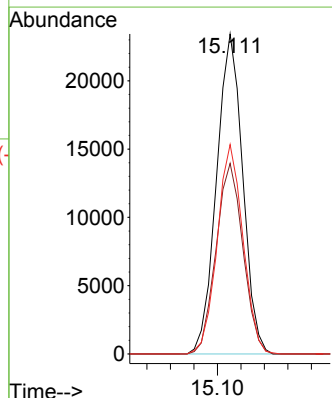
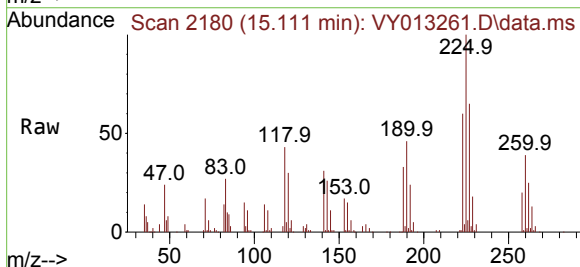
Tgt Ion:225 Resp: 36219

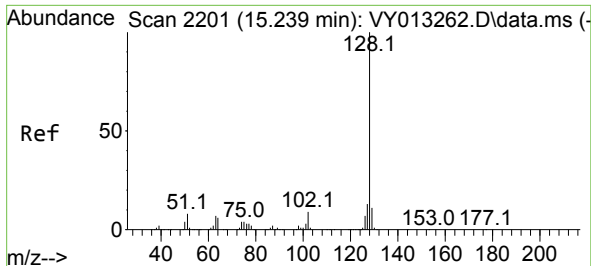
Ion Ratio Lower Upper

225 100

223 61.2 31.1 93.3

227 64.6 32.4 97.0

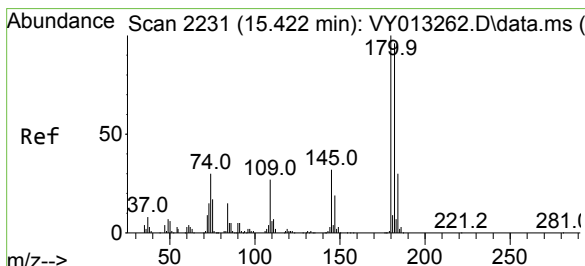
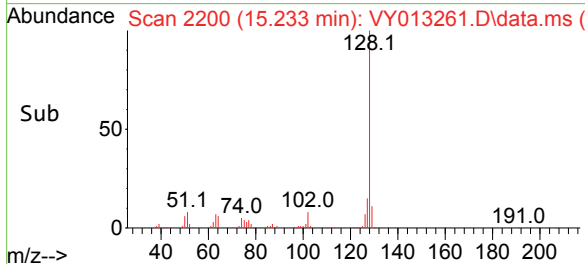
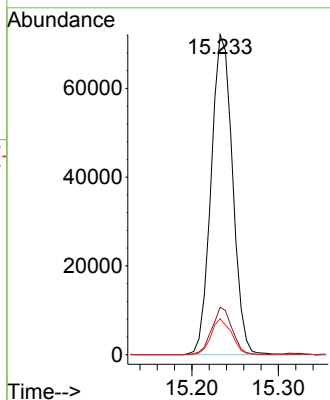
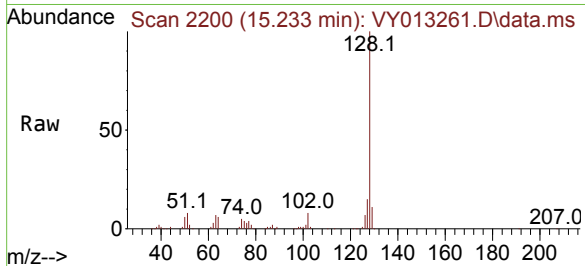




#95
Naphthalene
Concen: 17.979 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 124022
Ion Ratio Lower Upper
128 100
127 14.1 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.060 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013261.D
Acq: 12 Apr 2023 11:33

Tgt Ion:180 Resp: 54988
Ion Ratio Lower Upper
180 100
182 97.9 47.4 142.3
145 31.5 15.3 45.8

