

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031323\
 Data File : VY012930.D
 Acq On : 13 Mar 2023 17:06
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 14 01:27:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	98436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	145289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	134007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70426	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44949	45.991	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.980%
35) Dibromofluoromethane	7.716	113	43531	49.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.300%
50) Toluene-d8	10.179	98	148144	46.216	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.440%
62) 4-Bromofluorobenzene	12.483	95	54504	50.377	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45073	46.456	ug/l	95
3) Chloromethane	2.113	50	50062	43.160	ug/l	97
4) Vinyl Chloride	2.253	62	50304	47.295	ug/l	100
5) Bromomethane	2.650	94	31896	49.352	ug/l	99
6) Chloroethane	2.796	64	33067	51.911	ug/l	99
7) Trichlorofluoromethane	3.125	101	93527	52.943	ug/l	100
8) Diethyl Ether	3.528	74	32394	52.327	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.899	101	56340	53.009	ug/l	98
10) Methyl Iodide	4.095	142	72143	52.095	ug/l	98
11) Tert butyl alcohol	4.954	59	33516	302.420	ug/l	100
12) 1,1-Dichloroethene	3.875	96	52353	51.647	ug/l	97
13) Acrolein	3.735	56	30433	177.732	ug/l	100
14) Allyl chloride	4.479	41	88499	47.264	ug/l	97
15) Acrylonitrile	5.161	53	92657	284.062	ug/l	100
16) Acetone	3.942	43	113504	295.881	ug/l	95
17) Carbon Disulfide	4.192	76	161474	46.799	ug/l	98
18) Methyl Acetate	4.473	43	59277	51.889	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	148804	56.833	ug/l	98
20) Methylene Chloride	4.716	84	65048	56.238	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	57608	52.297	ug/l	96
22) Diisopropyl ether	6.119	45	180482	53.069	ug/l	94
23) Vinyl Acetate	6.058	43	583652	276.203	ug/l	98
24) 1,1-Dichloroethane	6.015	63	101162	52.201	ug/l	98
25) 2-Butanone	6.984	43	137883	290.196	ug/l	100
26) 2,2-Dichloropropane	6.978	77	91743	53.302	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	65418	55.392	ug/l	98
28) Bromochloromethane	7.332	49	36768	51.917	ug/l	95
29) Tetrahydrofuran	7.344	42	83371	290.932	ug/l	97
30) Chloroform	7.503	83	107159	55.981	ug/l	99
31) Cyclohexane	7.783	56	88297	47.173	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	94894	54.817	ug/l	100
36) 1,1-Dichloropropene	7.917	75	80044	54.476	ug/l	99
37) Ethyl Acetate	7.070	43	54242	58.570	ug/l	99
38) Carbon Tetrachloride	7.899	117	87665	57.775	ug/l	99
39) Methylcyclohexane	9.185	83	95479	54.657	ug/l	100
40) Benzene	8.161	78	233086	56.079	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	25014	50.132	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	73440	58.770	ug/l	99
43) Isopropyl Acetate	8.271	43	96156	58.195	ug/l	99
44) Trichloroethene	8.941	130	62467	57.003	ug/l	99
45) 1,2-Dichloropropane	9.216	63	58191	55.397	ug/l	99
46) Dibromomethane	9.307	93	35884	59.963	ug/l	99
47) Bromodichloromethane	9.496	83	83116	58.938	ug/l	96
48) Methyl methacrylate	9.289	41	45896	60.284	ug/l	96
49) 1,4-Dioxane	9.295	88	10378	1341.478	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	279383	311.719	ug/l	99
52) Toluene	10.246	92	145075	57.876	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	88448	59.795	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	97081	57.985	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	49851	59.816	ug/l	100
56) Ethyl methacrylate	10.508	69	69725	62.744	ug/l	98
57) 1,3-Dichloropropane	10.789	76	84376	59.441	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	168973	289.653	ug/l	99
59) 2-Hexanone	10.831	43	209031	320.900	ug/l	98
60) Dibromochloromethane	10.984	129	62078	61.191	ug/l	100
61) 1,2-Dibromoethane	11.087	107	47701	59.417	ug/l	99
64) Tetrachloroethene	10.721	164	54452	55.810	ug/l	98
65) Chlorobenzene	11.514	112	156698	55.715	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	61063	58.675	ug/l	98
67) Ethyl Benzene	11.593	91	280104	56.647	ug/l	99
68) m/p-Xylenes	11.703	106	218087	114.648	ug/l	100
69) o-Xylene	12.032	106	101986	57.446	ug/l	98
70) Styrene	12.044	104	175359	59.190	ug/l	100
71) Bromoform	12.209	173	41285	60.843	ug/l #	98
73) Isopropylbenzene	12.331	105	274858	55.069	ug/l	100
74) N-amyl acetate	12.142	43	85472	54.427	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	63412	56.518	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	81743	97.197	ug/l #	100
77) Bromobenzene	12.605	156	66777	55.073	ug/l	97
78) n-propylbenzene	12.672	91	338233	54.966	ug/l	100
79) 2-Chlorotoluene	12.758	91	185201	54.152	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	227833	55.313	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	23183	57.118	ug/l	99
82) 4-Chlorotoluene	12.855	91	194709	54.999	ug/l	100
83) tert-Butylbenzene	13.075	119	201870	56.782	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	225875	56.079	ug/l	100
85) sec-Butylbenzene	13.251	105	300631	55.429	ug/l	100
86) p-Isopropyltoluene	13.367	119	248369	56.031	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	131144	56.079	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	129590	54.296	ug/l	98
89) n-Butylbenzene	13.697	91	234952	55.367	ug/l	99
90) Hexachloroethane	13.959	117	49747	53.883	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	118690	56.146	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10468	57.730	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	73486	56.460	ug/l	99
94) Hexachlorobutadiene	15.111	225	43441	54.721	ug/l	99
95) Naphthalene	15.239	128	157451	60.367	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	65737	56.788	ug/l	99

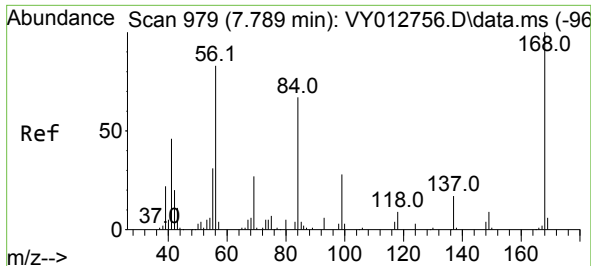
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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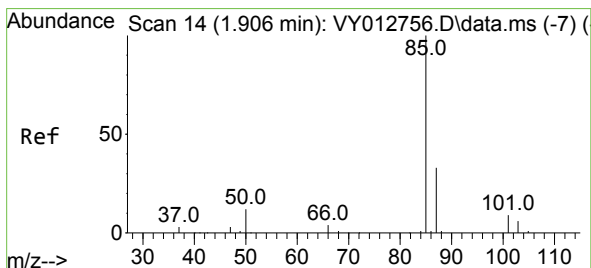
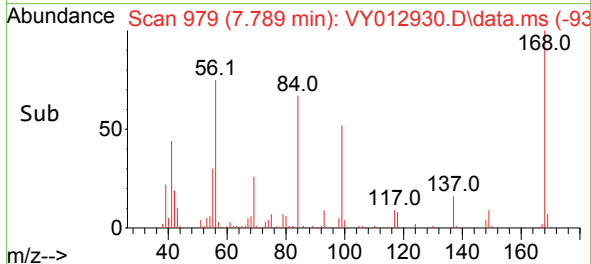
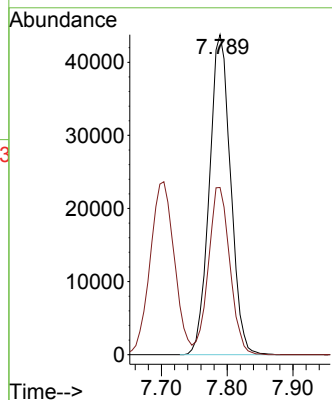
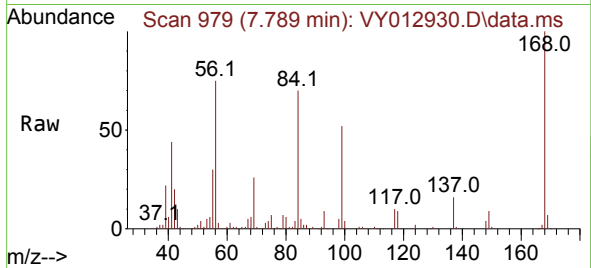
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

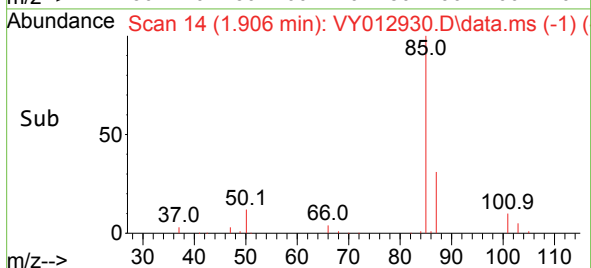
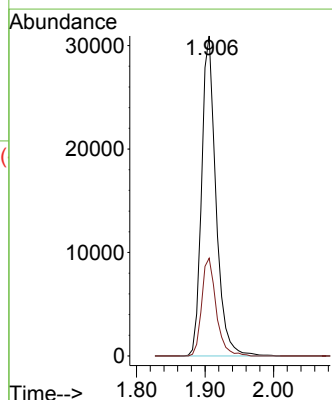
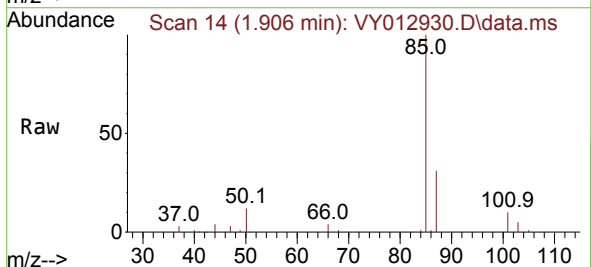
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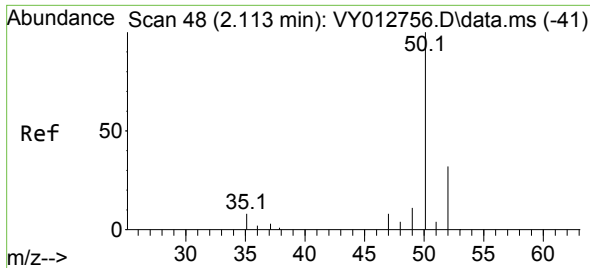
Tgt Ion:168 Resp: 98436
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 46.456 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 85 Resp: 45073
Ion Ratio Lower Upper
85 100
87 30.6 16.7 50.0

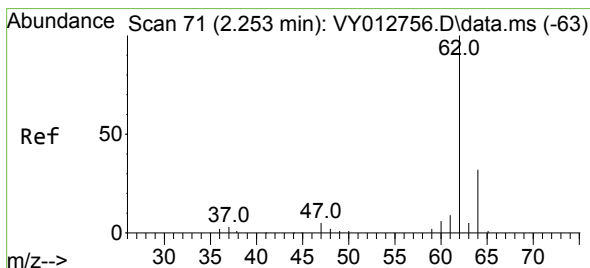
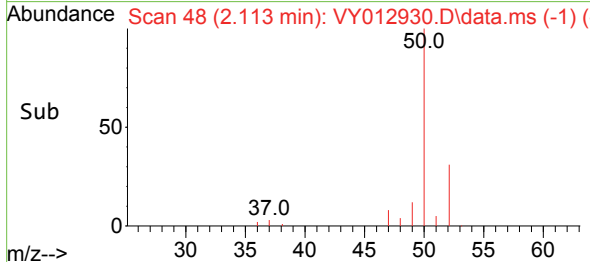
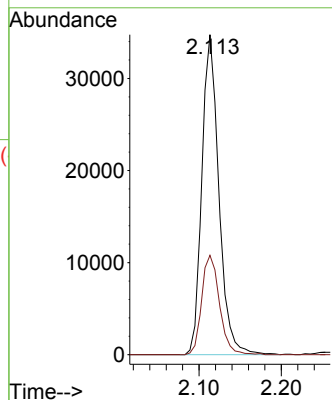
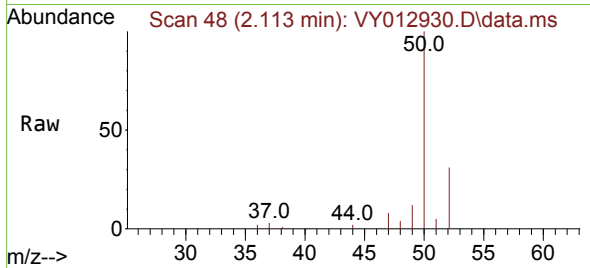




#3
Chloromethane
Concen: 43.160 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

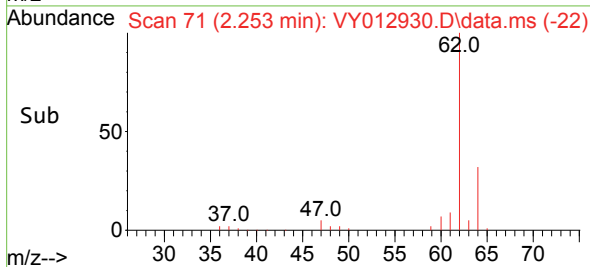
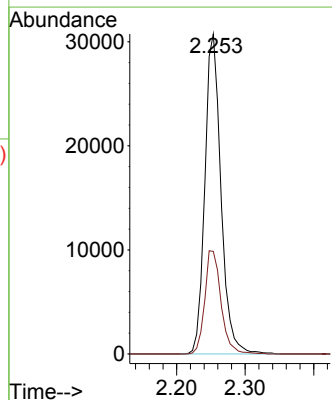
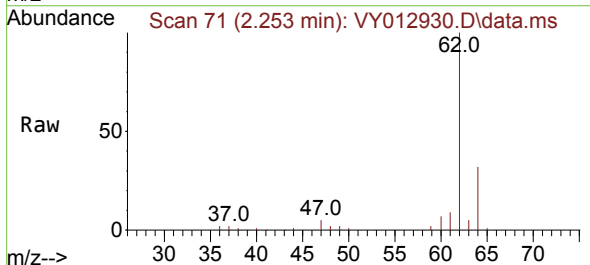
Instrument :
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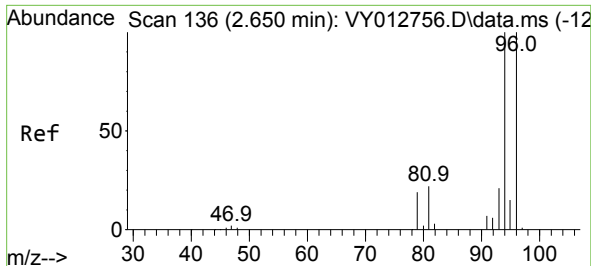
Tgt Ion: 50 Resp: 50062
Ion Ratio Lower Upper
50 100
52 31.0 26.0 39.0



#4
Vinyl Chloride
Concen: 47.295 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 62 Resp: 50304
Ion Ratio Lower Upper
62 100
64 32.1 25.6 38.4





#5

Bromomethane

Concen: 49.352 ug/l

RT: 2.650 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

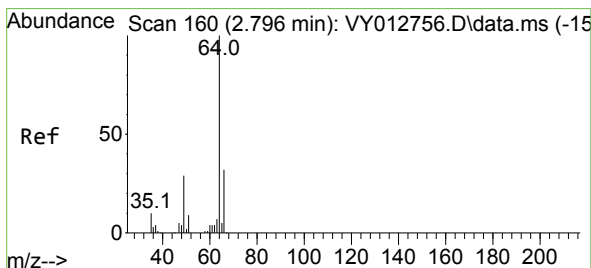
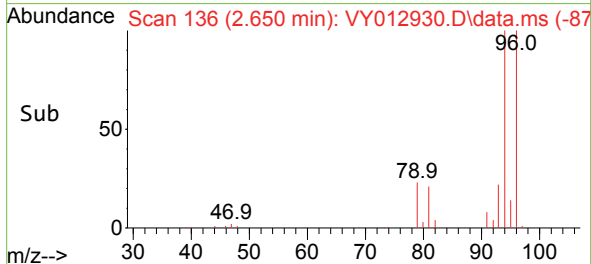
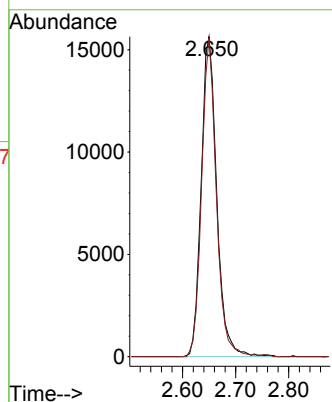
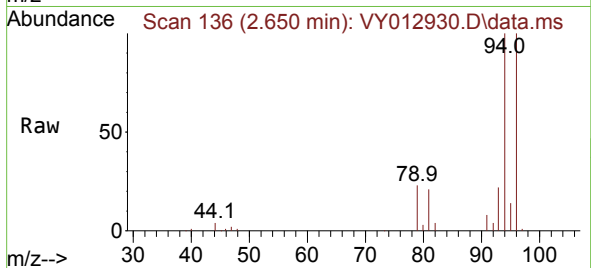
VSTDCCC050EC

Tgt Ion: 94 Resp: 31896

Ion Ratio Lower Upper

94 100

96 99.7 80.3 120.5



#6

Chloroethane

Concen: 51.911 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY012930.D

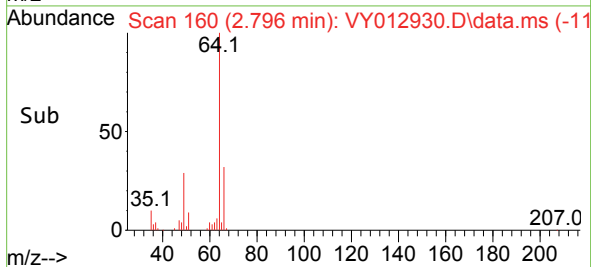
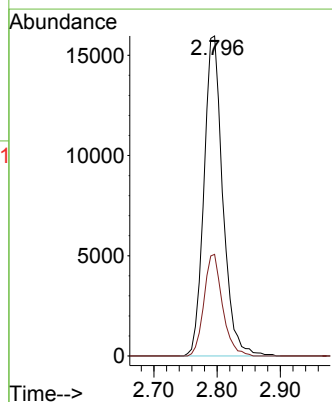
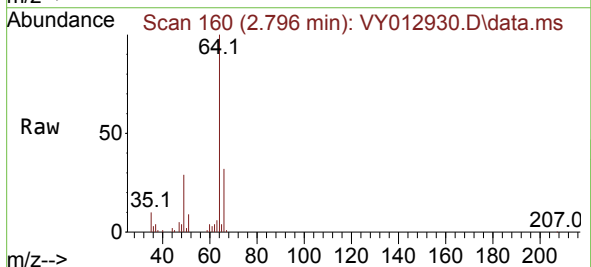
Acq: 13 Mar 2023 17:06

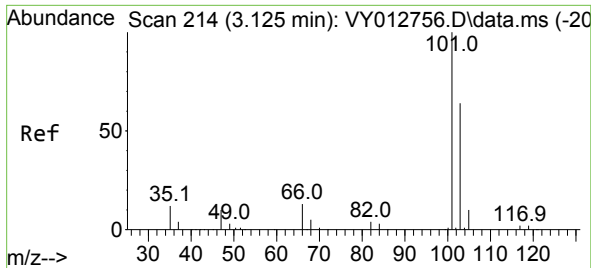
Tgt Ion: 64 Resp: 33067

Ion Ratio Lower Upper

64 100

66 31.8 25.7 38.5

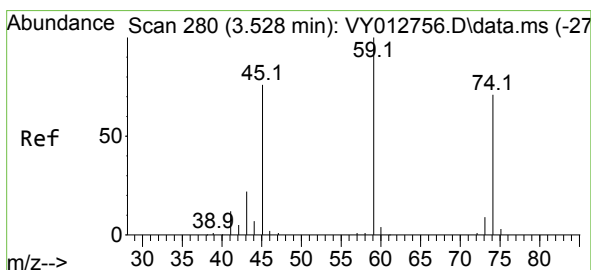
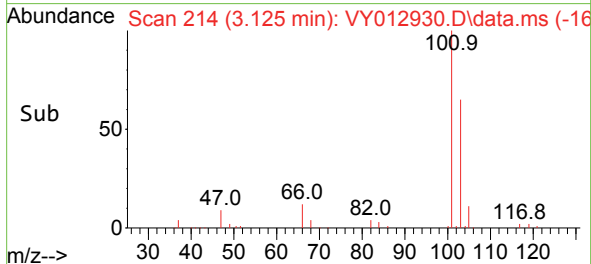
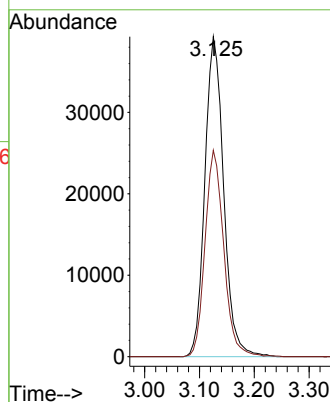
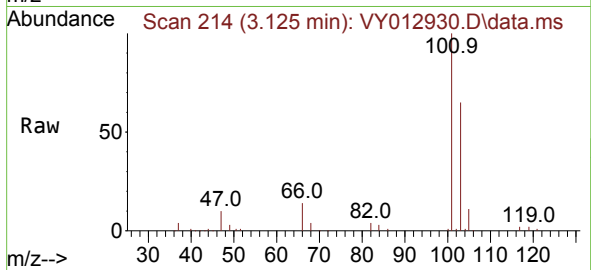




#7
Trichlorofluoromethane
Concen: 52.943 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

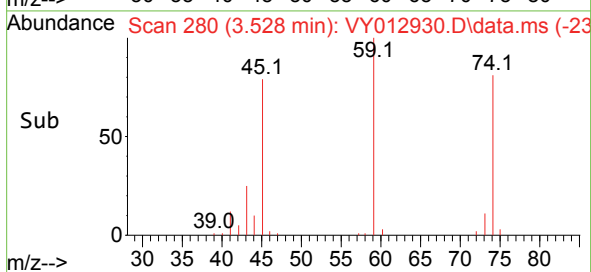
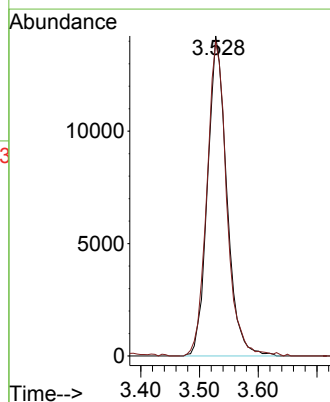
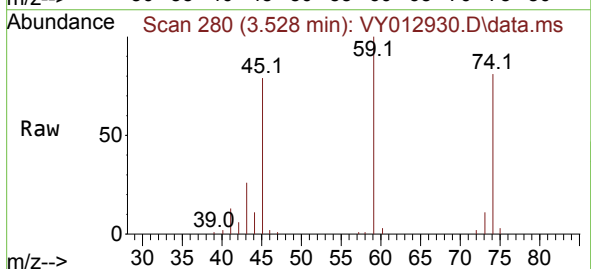
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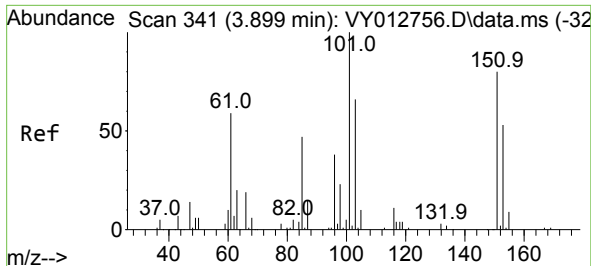
Tgt Ion:101 Resp: 93527
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3



#8
Diethyl Ether
Concen: 52.327 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 74 Resp: 32394
Ion Ratio Lower Upper
74 100
45 101.5 52.1 156.4

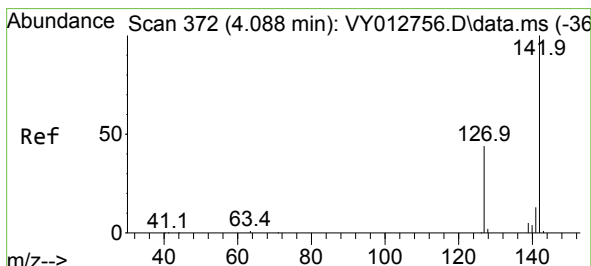
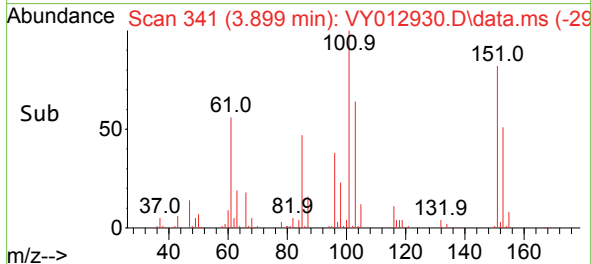
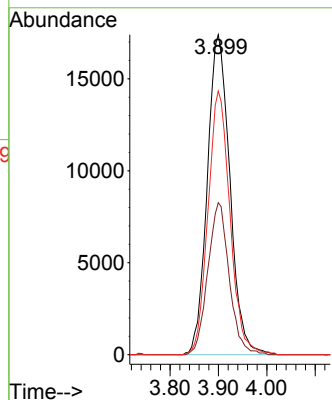
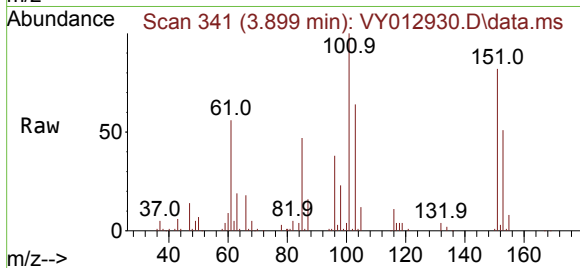




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.009 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012930.D
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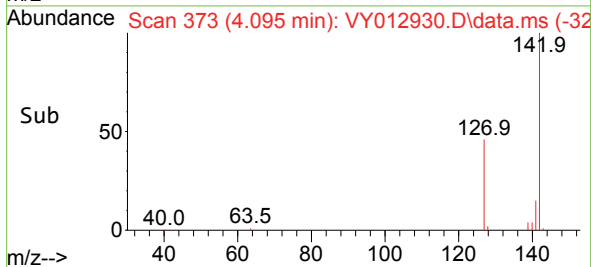
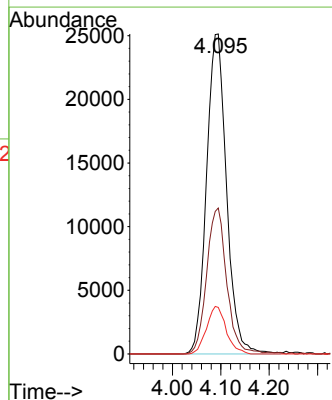
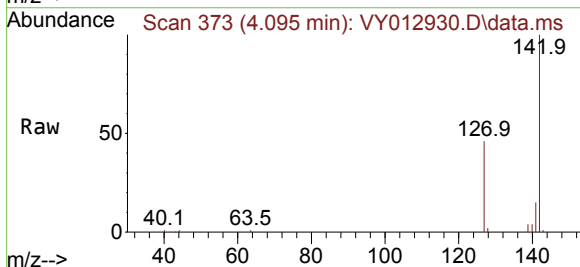
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

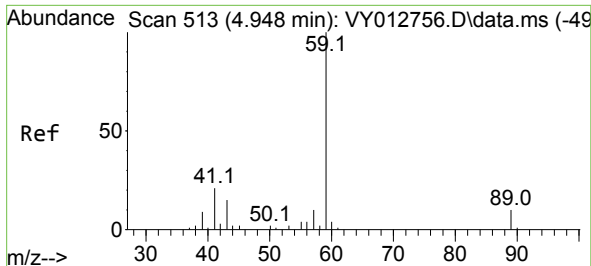
Tgt Ion:101 Resp: 56340
Ion Ratio Lower Upper
101 100
85 45.1 35.3 52.9
151 80.5 63.1 94.7



#10
Methyl Iodide
Concen: 52.095 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion:142 Resp: 72143
Ion Ratio Lower Upper
142 100
127 45.7 35.4 53.2
141 14.6 11.3 16.9

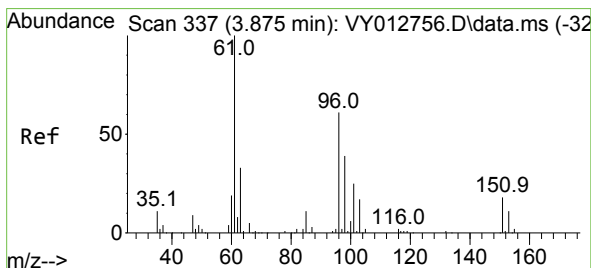
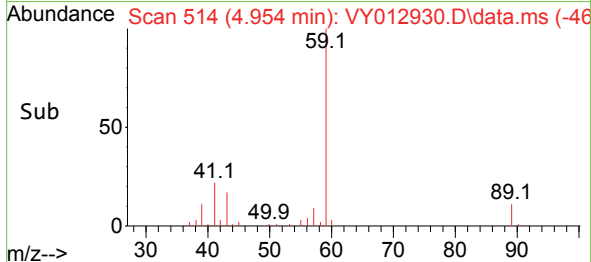
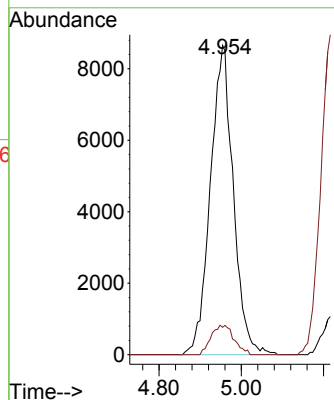
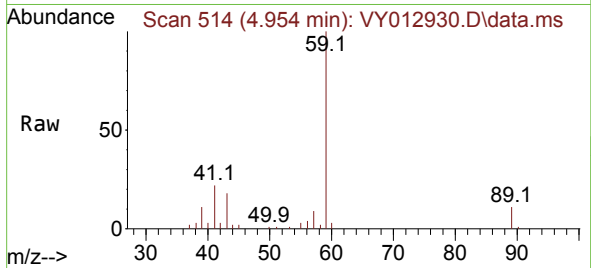




#11
Tert butyl alcohol
Concen: 302.420 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

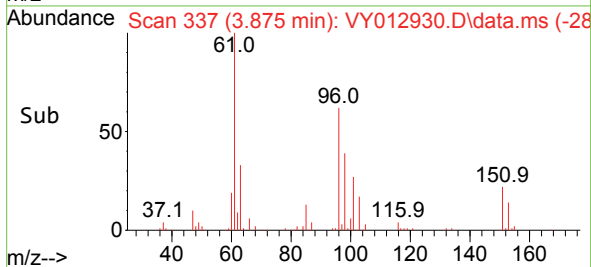
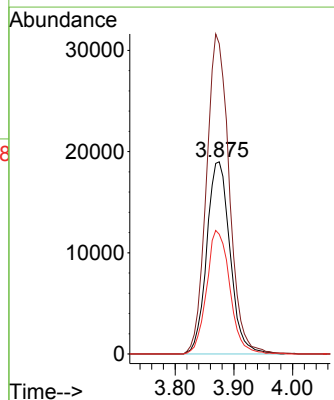
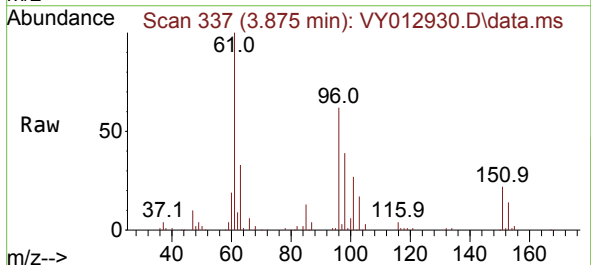
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

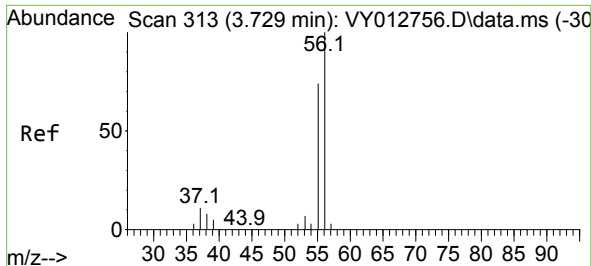
Tgt Ion: 59 Resp: 33516
Ion Ratio Lower Upper
59 100
57 9.5 7.7 11.5



#12
1,1-Dichloroethene
Concen: 51.647 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 96 Resp: 52353
Ion Ratio Lower Upper
96 100
61 161.5 131.7 197.5
98 62.3 52.0 78.0





#13

Acrolein

Concen: 177.732 ug/l

RT: 3.735 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

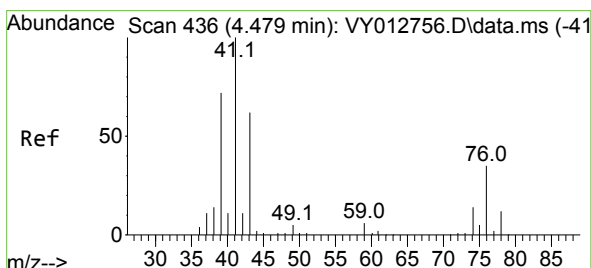
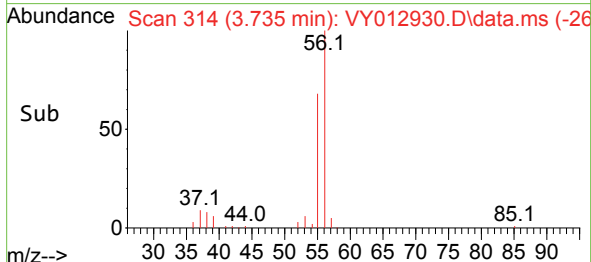
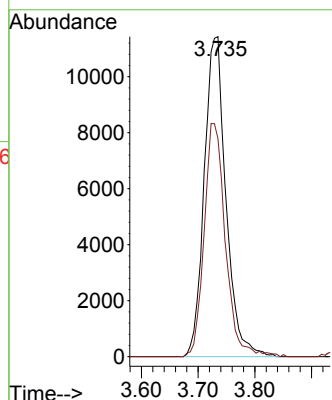
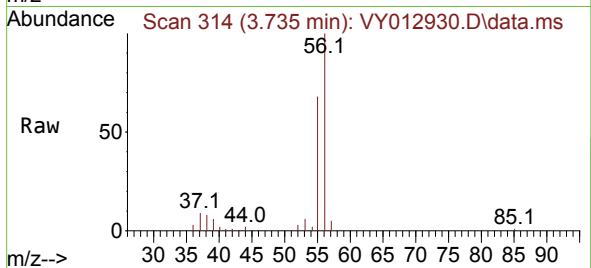
VSTDCCC050EC

Tgt Ion: 56 Resp: 30433

Ion Ratio Lower Upper

56 100

55 71.3 56.8 85.2



#14

Allyl chloride

Concen: 47.264 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

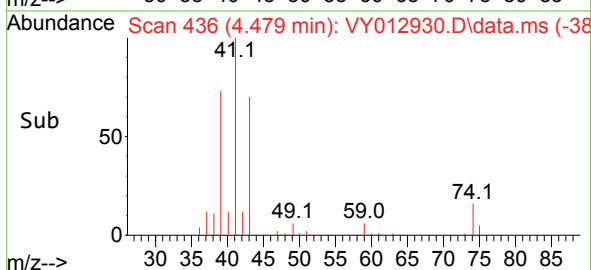
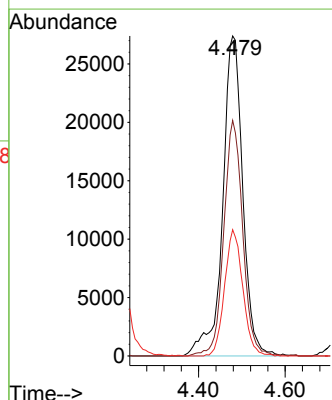
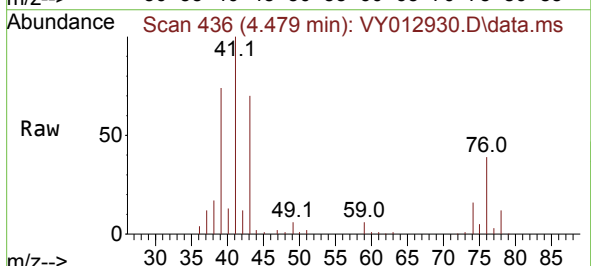
Tgt Ion: 41 Resp: 88499

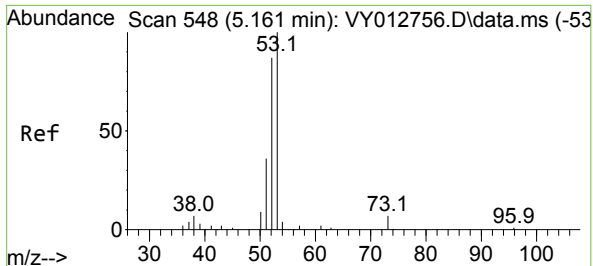
Ion Ratio Lower Upper

41 100

39 69.3 53.6 80.4

76 35.8 27.2 40.8





#15

Acrylonitrile

Concen: 284.062 ug/l

RT: 5.161 min Scan# 548

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

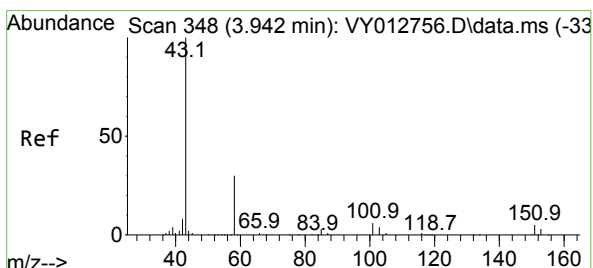
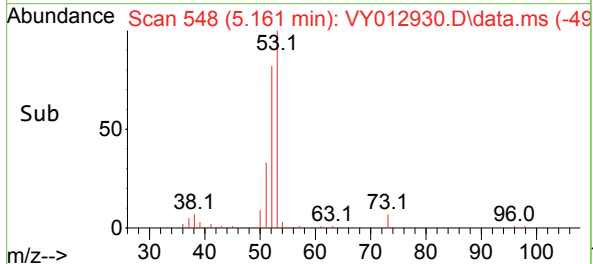
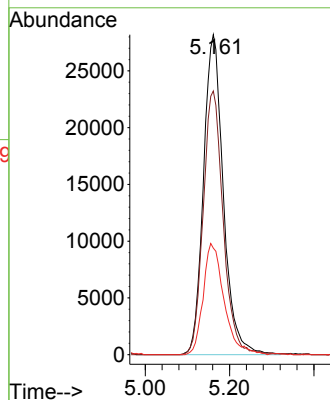
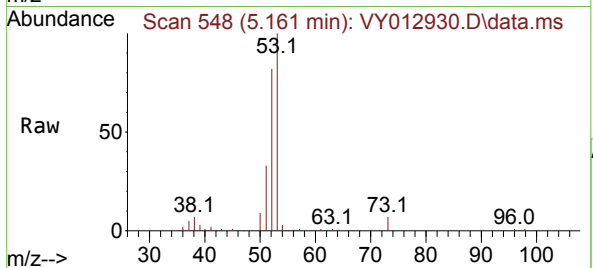
Tgt Ion: 53 Resp: 92657

Ion Ratio Lower Upper

53 100

52 82.6 66.3 99.5

51 36.4 28.8 43.2



#16

Acetone

Concen: 295.881 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY012930.D

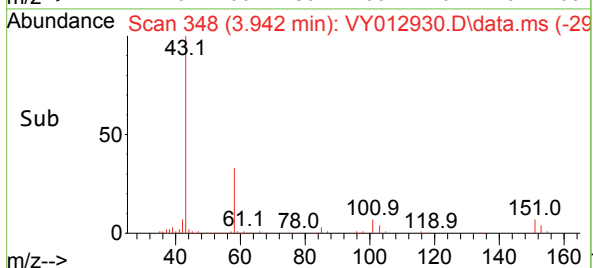
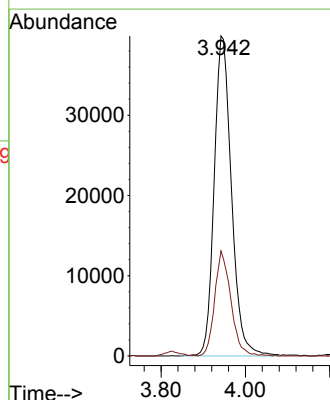
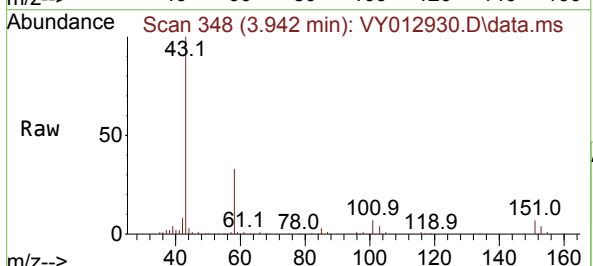
Acq: 13 Mar 2023 17:06

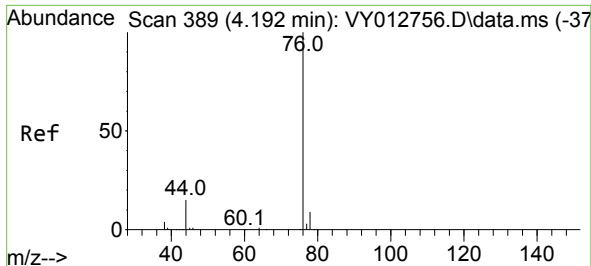
Tgt Ion: 43 Resp: 113504

Ion Ratio Lower Upper

43 100

58 32.8 24.2 36.2

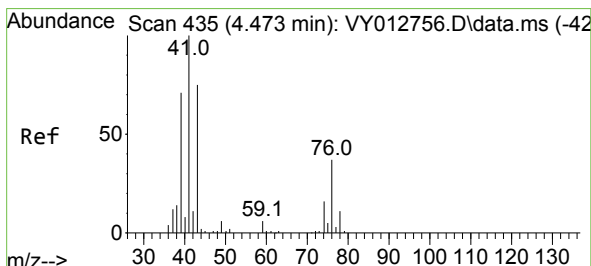
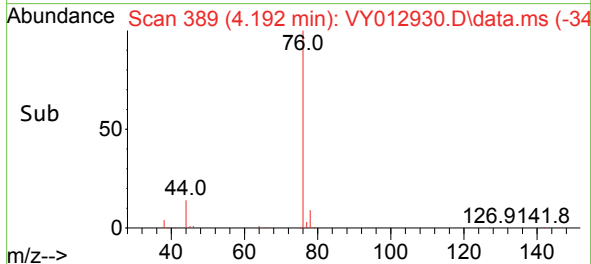
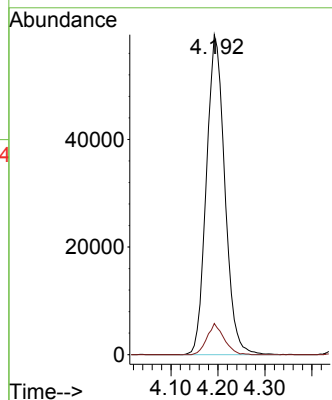
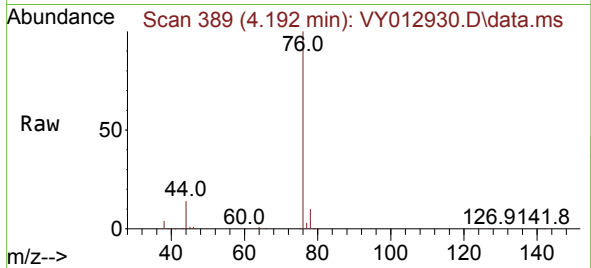




#17
Carbon Disulfide
Concen: 46.799 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

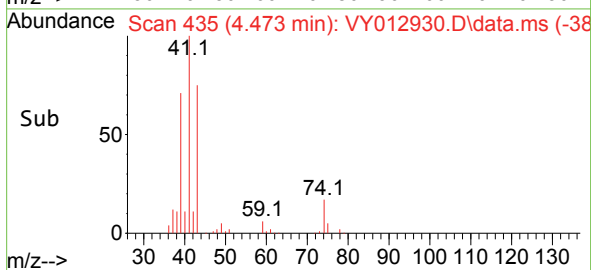
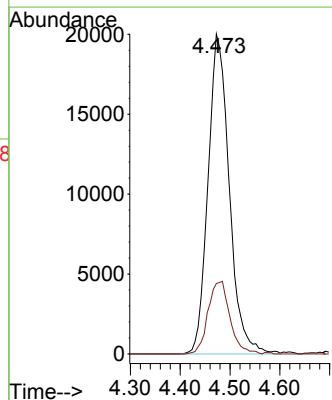
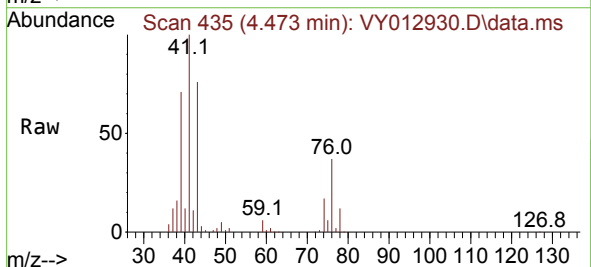
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

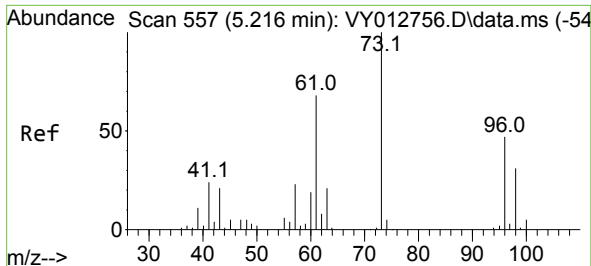
Tgt Ion: 76 Resp: 161474
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7



#18
Methyl Acetate
Concen: 51.889 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 43 Resp: 59277
Ion Ratio Lower Upper
43 100
74 23.3 17.4 26.0

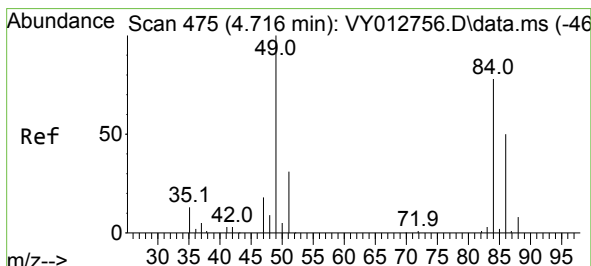
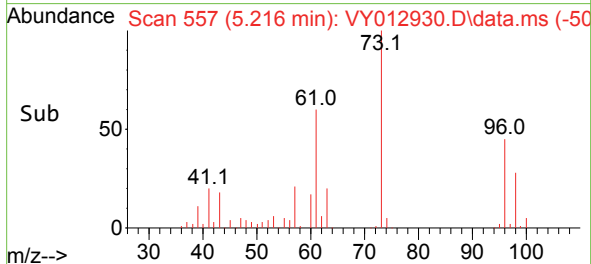
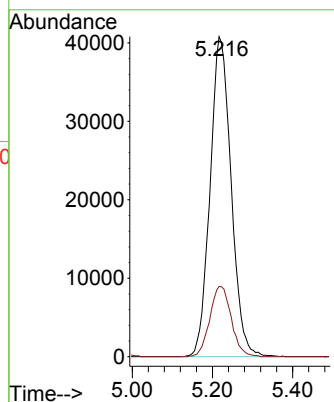
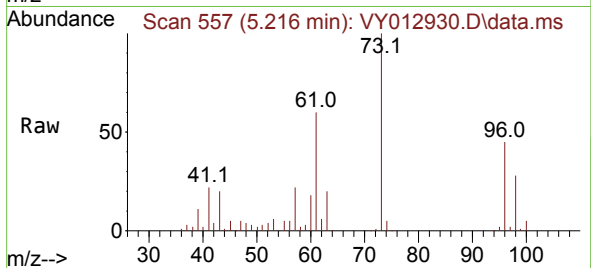




#19
Methyl tert-butyl Ether
Concen: 56.833 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

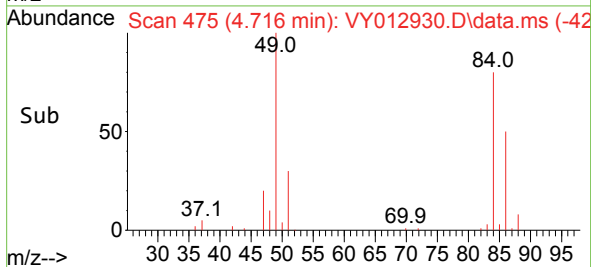
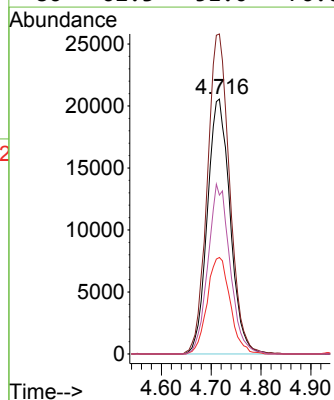
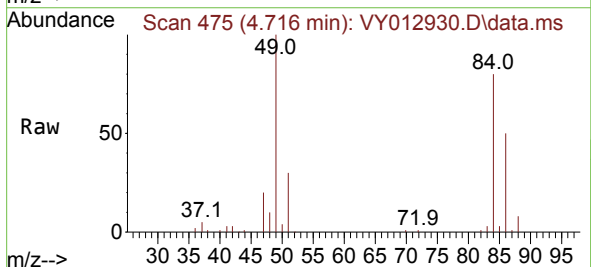
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

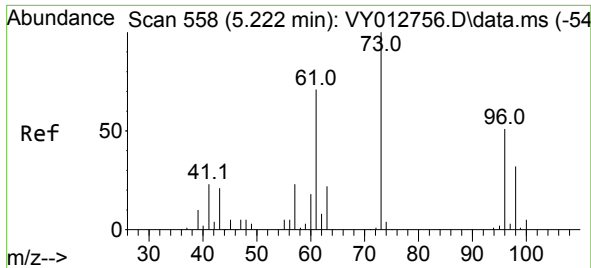
Tgt Ion: 73 Resp: 148804
Ion Ratio Lower Upper
73 100
57 22.0 18.3 27.5



#20
Methylene Chloride
Concen: 56.238 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 84 Resp: 65048
Ion Ratio Lower Upper
84 100
49 125.6 102.6 154.0
51 37.8 31.9 47.9
86 62.3 51.0 76.6

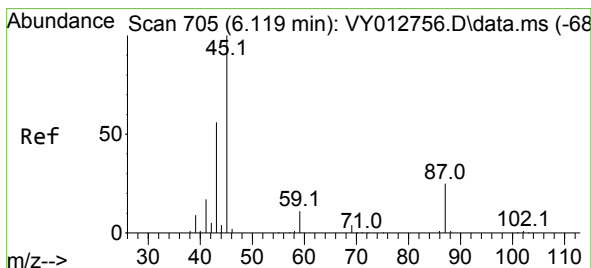
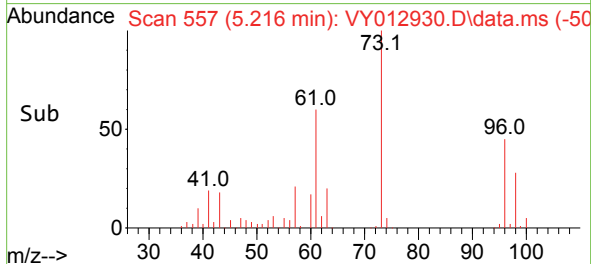
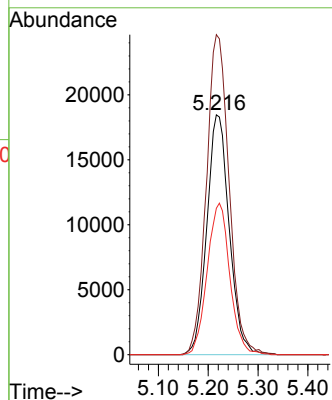
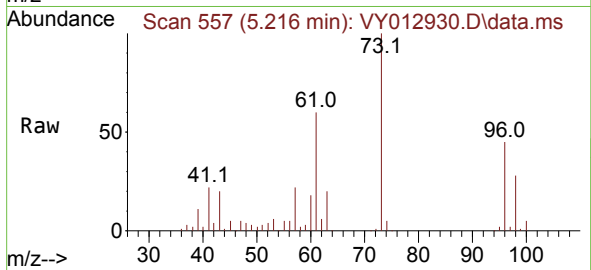




#21
trans-1,2-Dichloroethene
Concen: 52.297 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

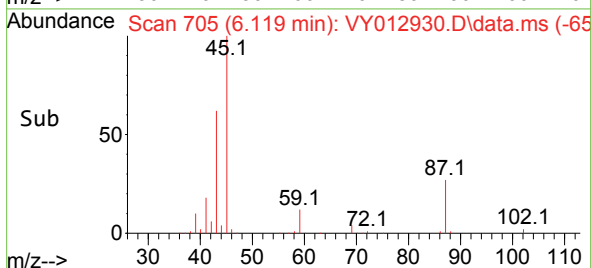
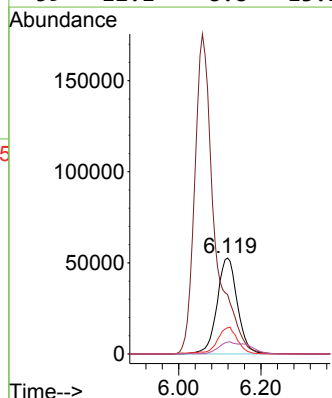
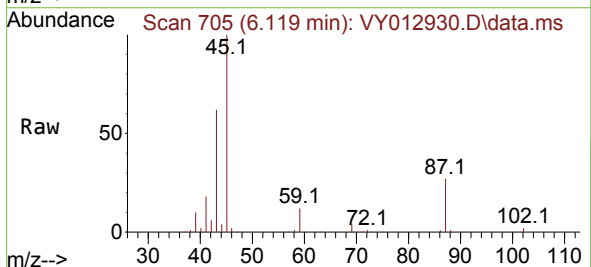
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

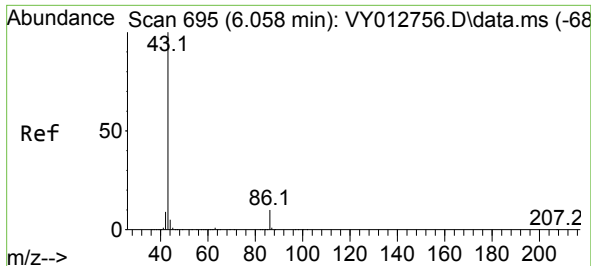
Tgt Ion: 96 Resp: 57608
Ion Ratio Lower Upper
96 100
61 133.5 111.4 167.0
98 61.0 50.8 76.2



#22
Diisopropyl ether
Concen: 53.069 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 45 Resp: 180482
Ion Ratio Lower Upper
45 100
43 61.7 45.0 67.6
87 27.3 20.3 30.5
59 12.1 8.8 13.2

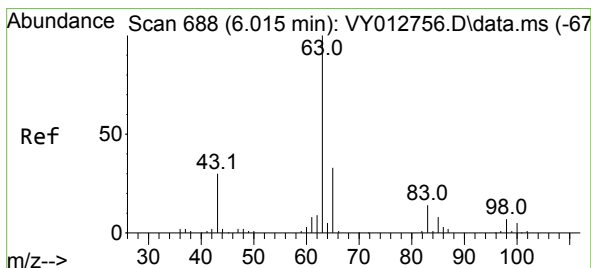
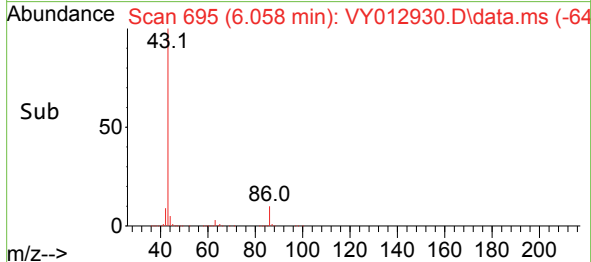
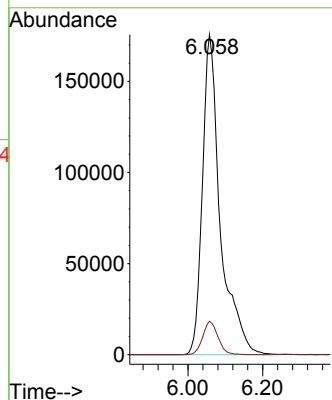
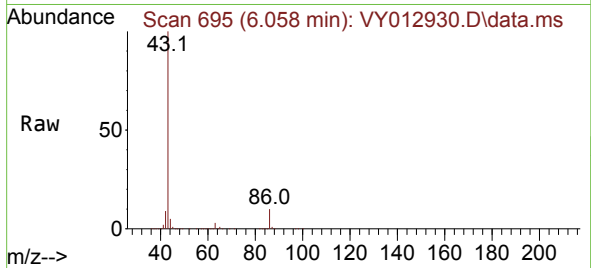




#23
 Vinyl Acetate
 Concen: 276.203 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012930.D
 Acq: 13 Mar 2023 17:06

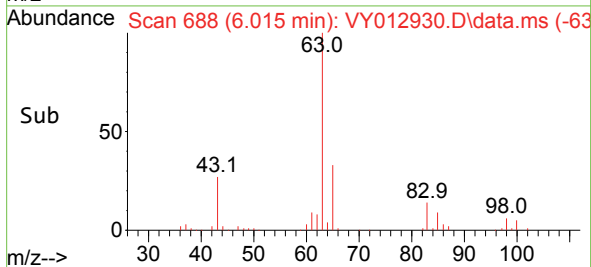
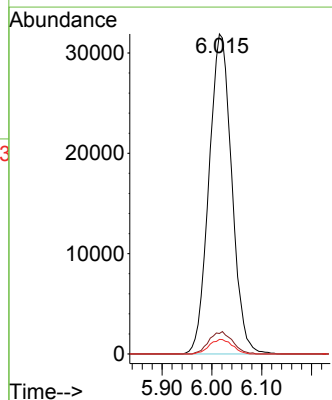
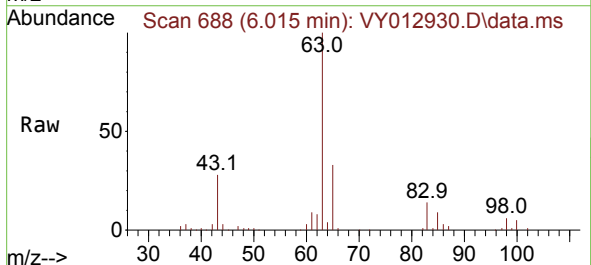
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

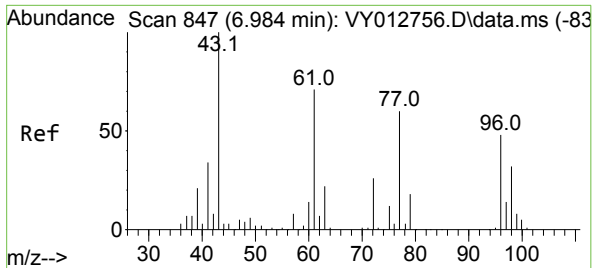
Tgt Ion: 43 Resp: 583652
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 52.201 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012930.D
 Acq: 13 Mar 2023 17:06

Tgt Ion: 63 Resp: 101162
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.7 11.1
 100 4.6 2.3 6.8

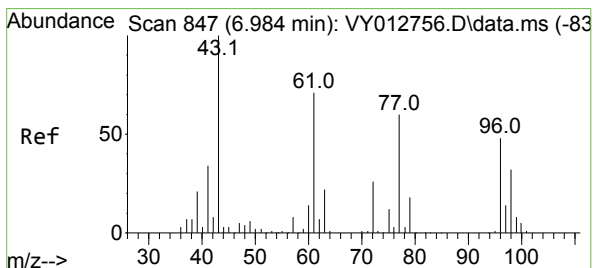
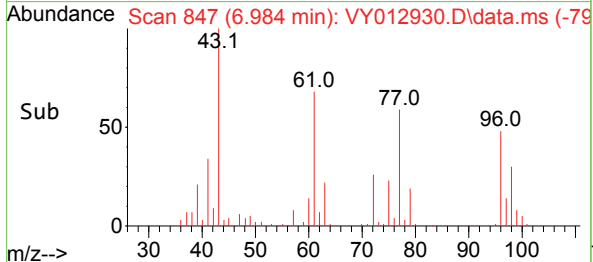
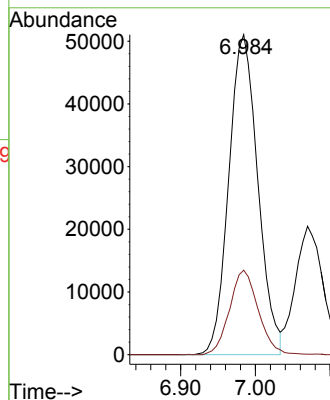
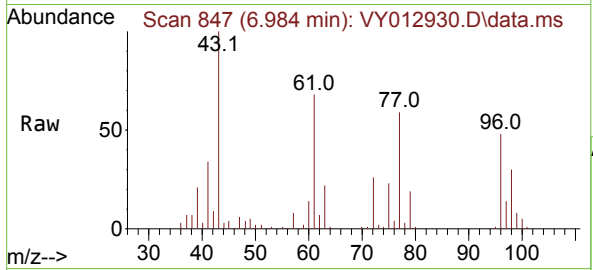




#25
2-Butanone
Concen: 290.196 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

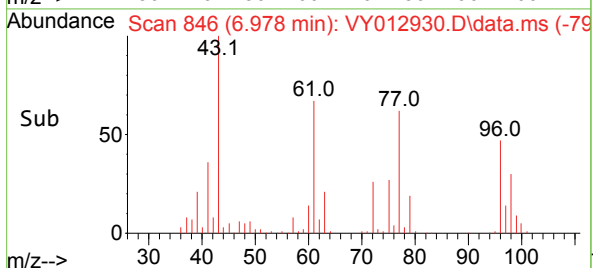
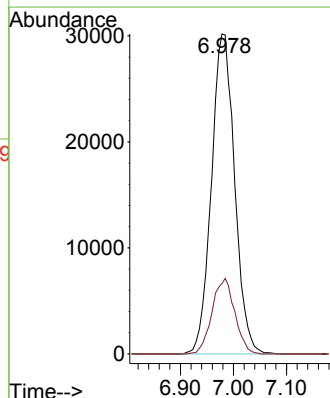
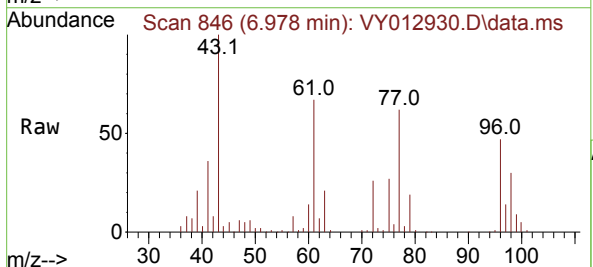
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

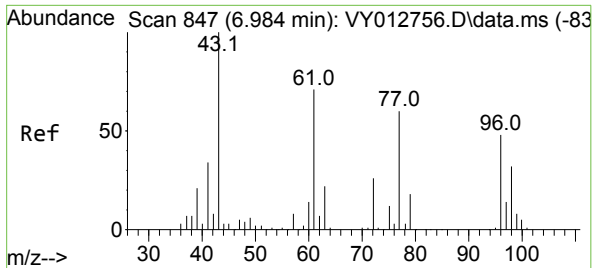
Tgt Ion: 43 Resp: 137883
Ion Ratio Lower Upper
43 100
72 26.4 21.0 31.4



#26
2,2-Dichloropropane
Concen: 53.302 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 77 Resp: 91743
Ion Ratio Lower Upper
77 100
97 23.1 11.7 35.0



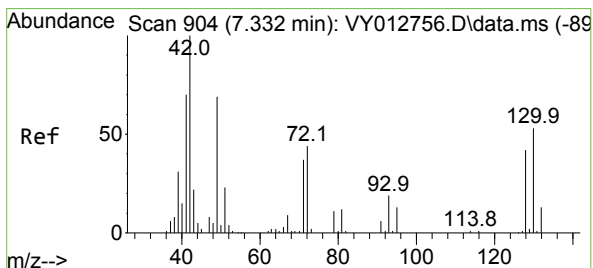
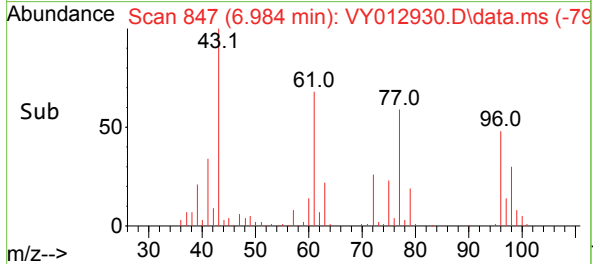
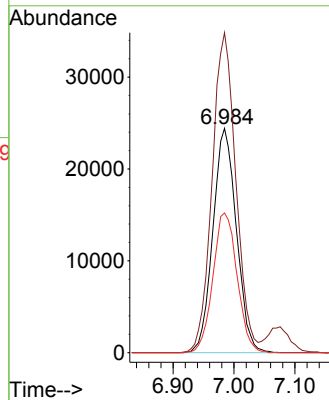
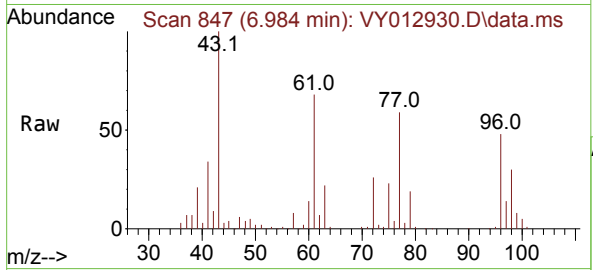


#27
 cis-1,2-Dichloroethene
 Concen: 55.392 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012930.D
 Acq: 13 Mar 2023 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 65418

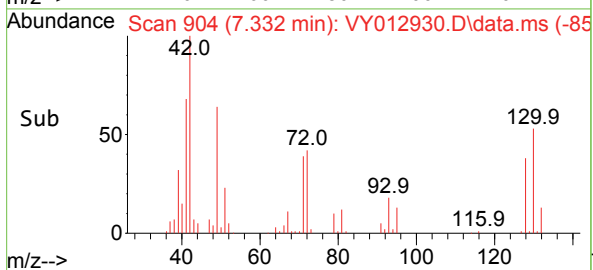
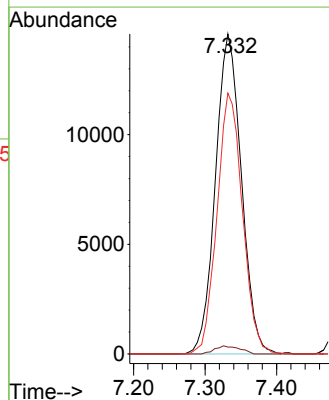
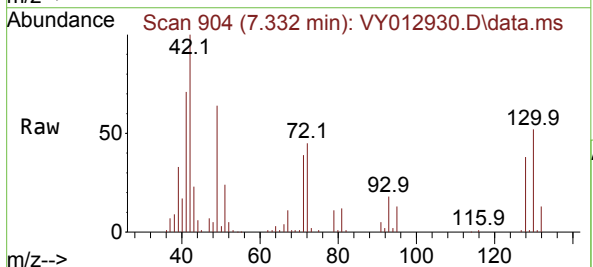
Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	295.8
98	64.1	0.0	130.2

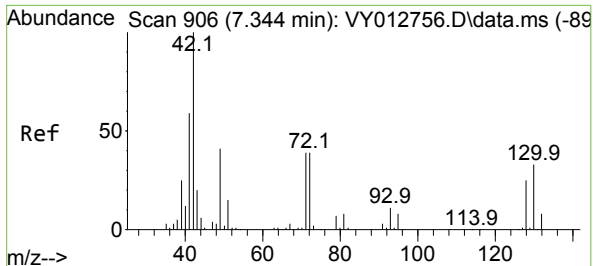


#28
 Bromochloromethane
 Concen: 51.917 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012930.D
 Acq: 13 Mar 2023 17:06

Tgt Ion: 49 Resp: 36768

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	80.0	60.5	90.7





#29

Tetrahydrofuran

Concen: 290.932 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

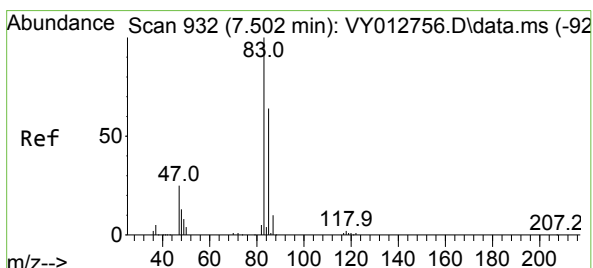
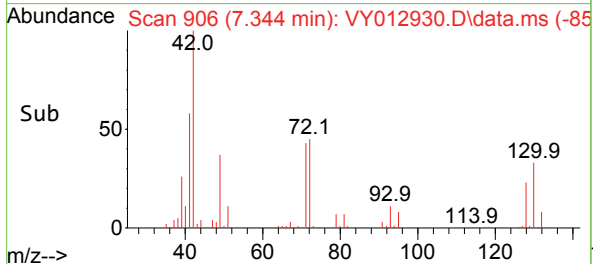
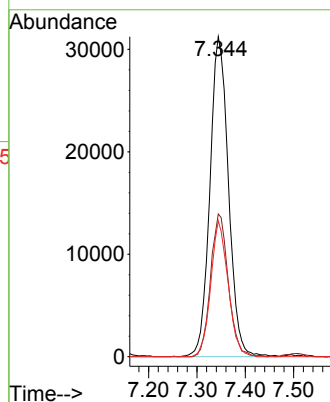
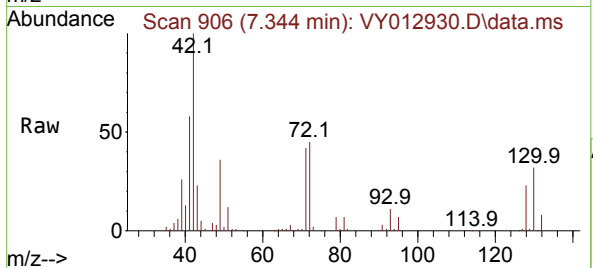
Tgt Ion: 42 Resp: 83371

Ion Ratio Lower Upper

42 100

72 42.6 32.3 48.5

71 39.4 30.3 45.5



#30

Chloroform

Concen: 55.981 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY012930.D

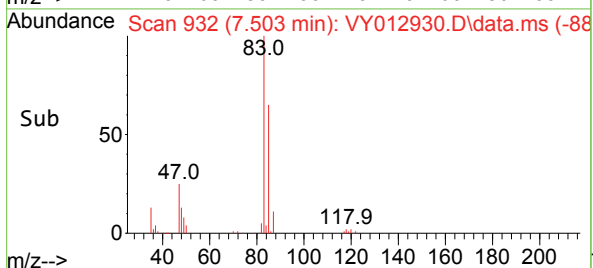
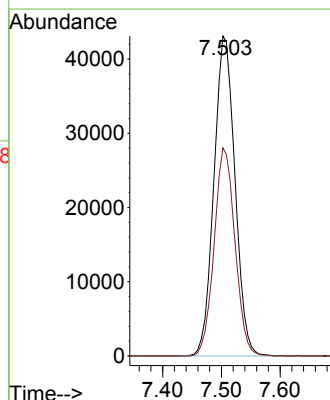
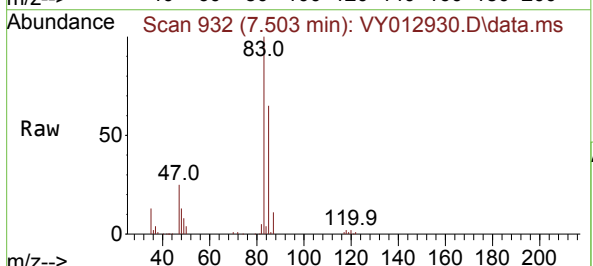
Acq: 13 Mar 2023 17:06

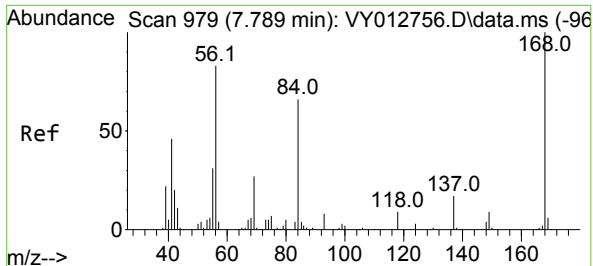
Tgt Ion: 83 Resp: 107159

Ion Ratio Lower Upper

83 100

85 65.1 51.4 77.0

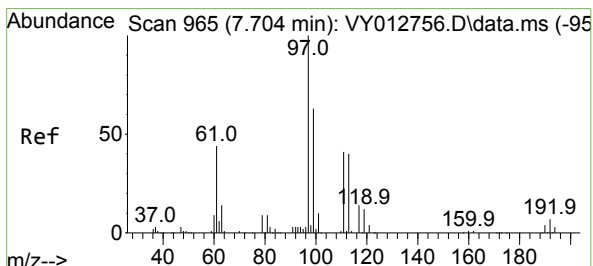
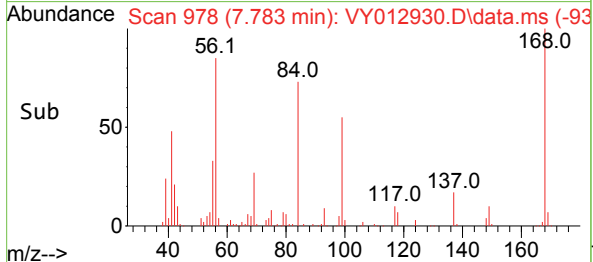
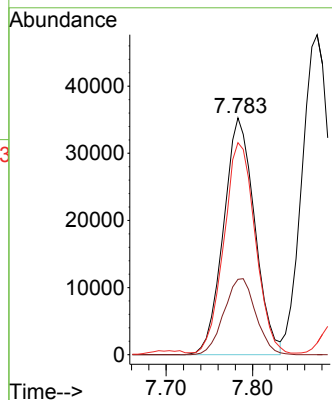
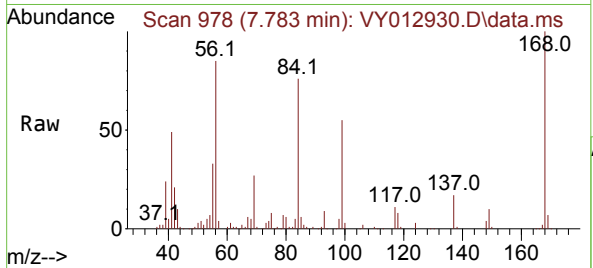




#31
Cyclohexane
Concen: 47.173 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

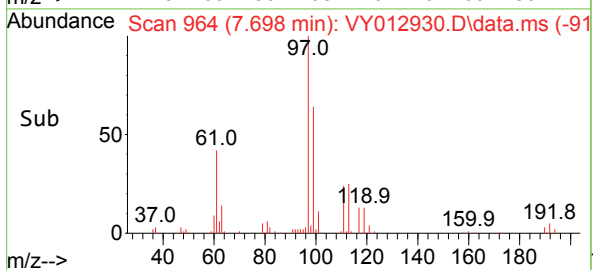
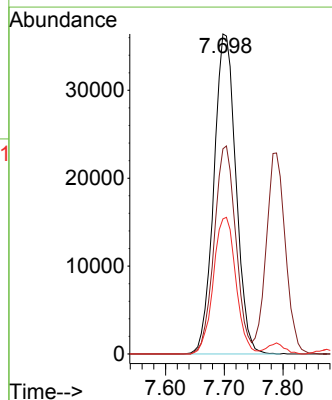
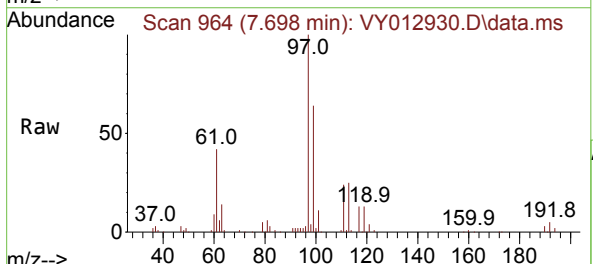
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

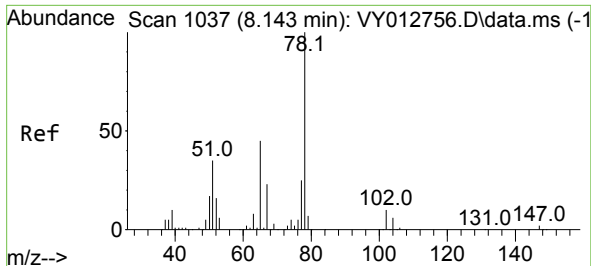
Tgt Ion: 56 Resp: 88297
Ion Ratio Lower Upper
56 100
69 31.8 25.7 38.5
84 87.8 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 54.817 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 97 Resp: 94894
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 43.6 34.5 51.7

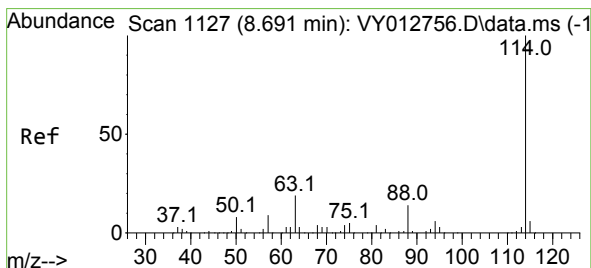
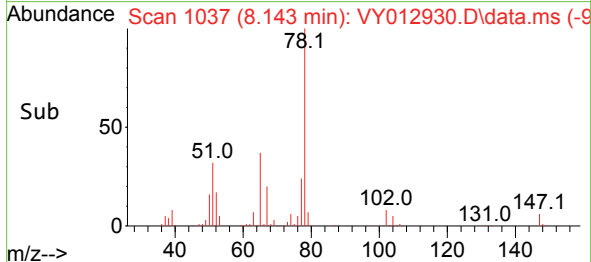
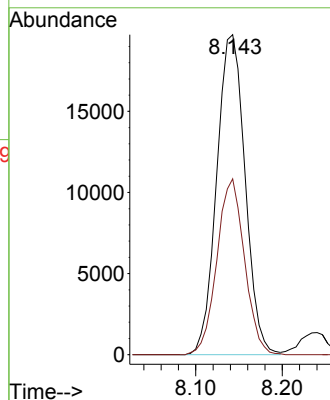
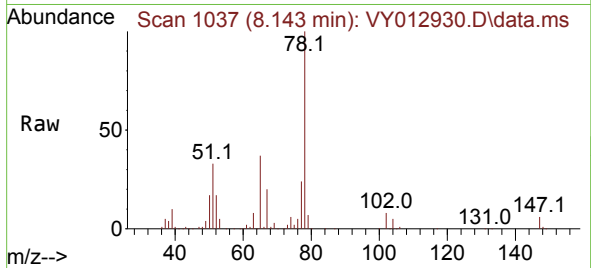




#33
 1,2-Dichloroethane-d4
 Concen: 45.991 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY012930.D
 Acq: 13 Mar 2023 17:06

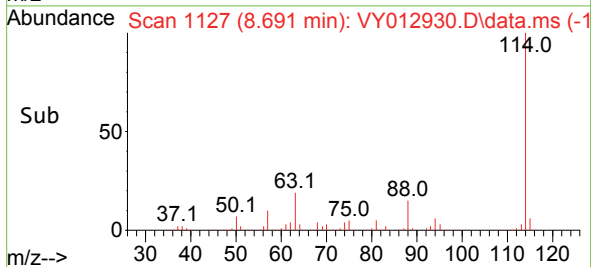
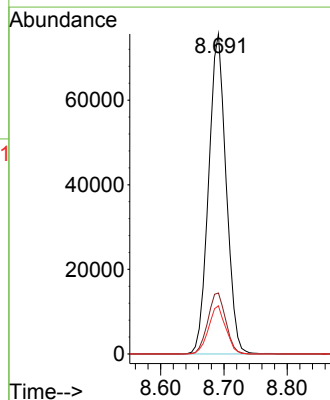
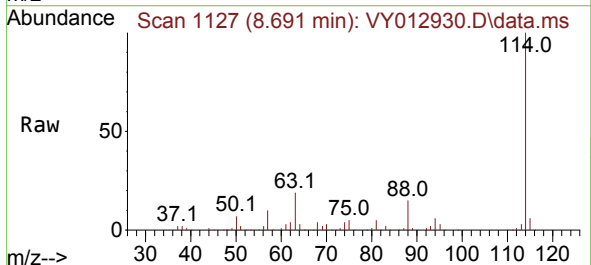
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

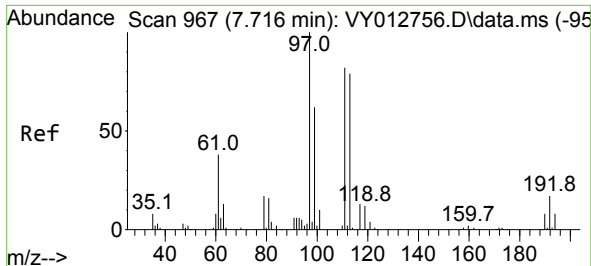
Tgt Ion: 65 Resp: 44949
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012930.D
 Acq: 13 Mar 2023 17:06

Tgt Ion: 114 Resp: 145289
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.4
 88 15.1 0.0 28.6

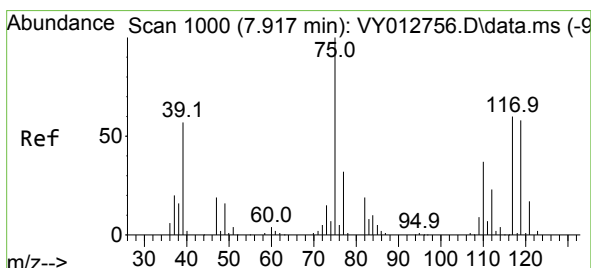
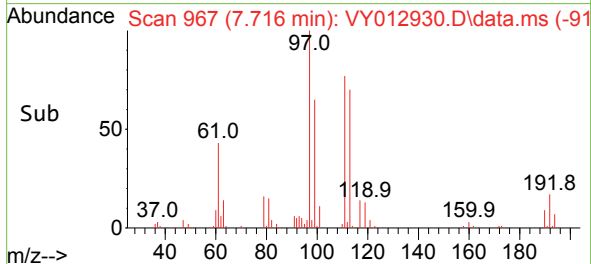
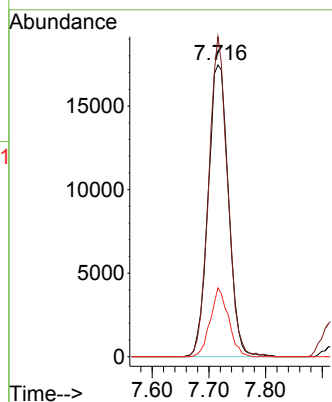
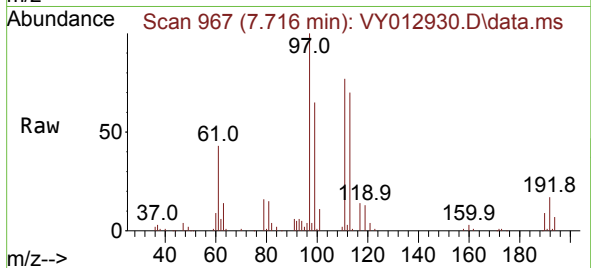




#35
Dibromofluoromethane
Concen: 49.647 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

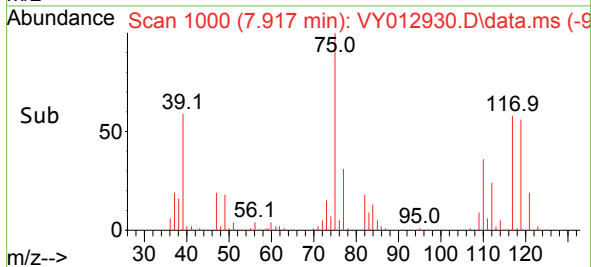
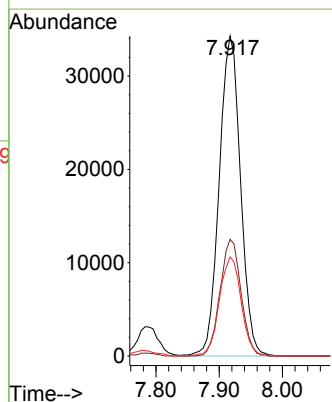
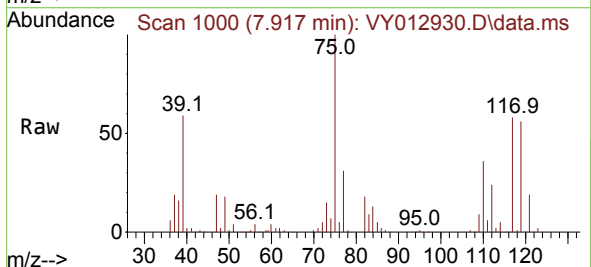
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

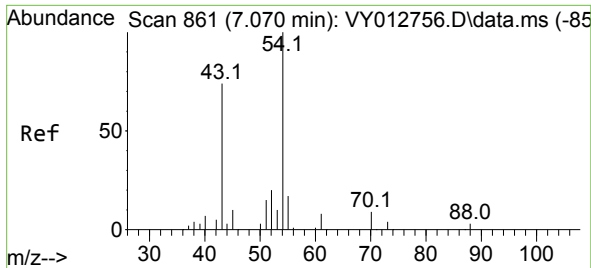
Tgt Ion:113 Resp: 43531
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 21.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 54.476 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 75 Resp: 80044
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.3
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 58.570 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

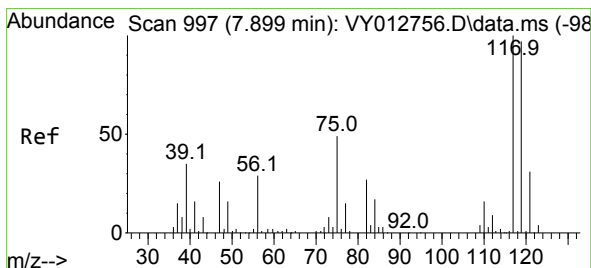
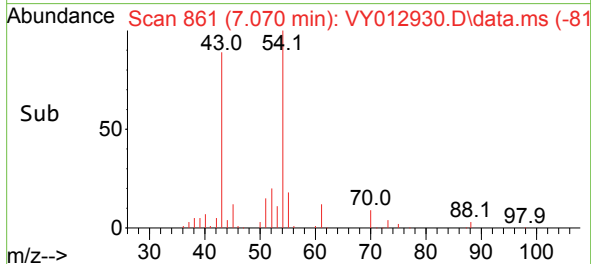
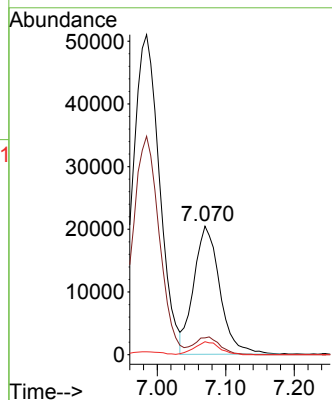
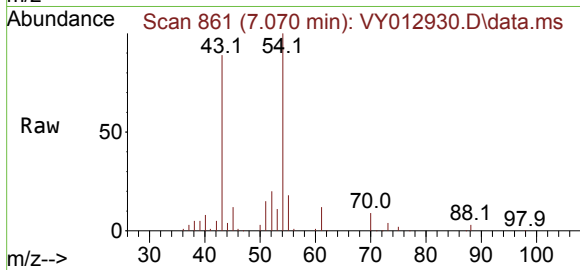
Tgt Ion: 43 Resp: 54242

Ion Ratio Lower Upper

43 100

61 13.9 10.7 16.1

70 9.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 57.775 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

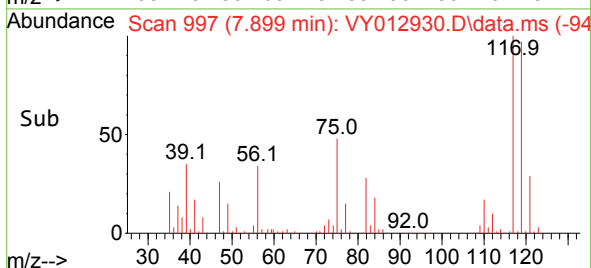
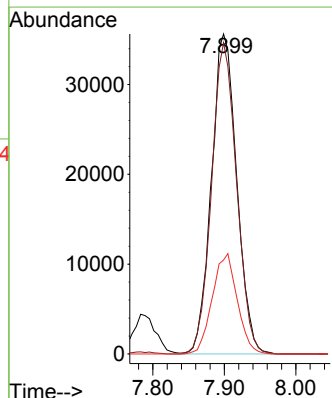
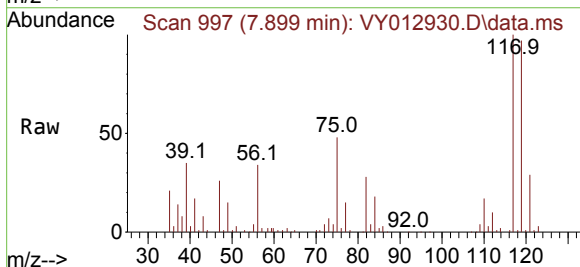
Tgt Ion: 117 Resp: 87665

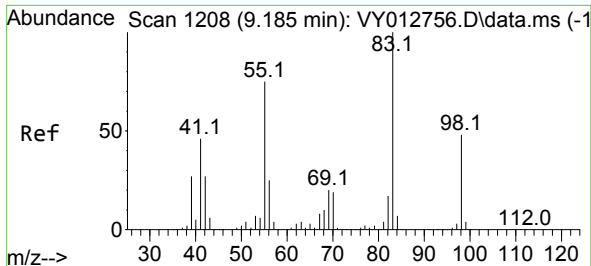
Ion Ratio Lower Upper

117 100

119 97.2 77.2 115.8

121 29.4 24.7 37.1





#39

Methylcyclohexane

Concen: 54.657 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

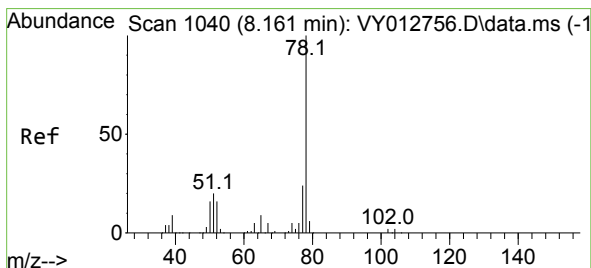
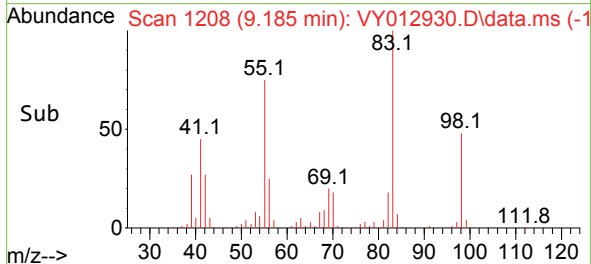
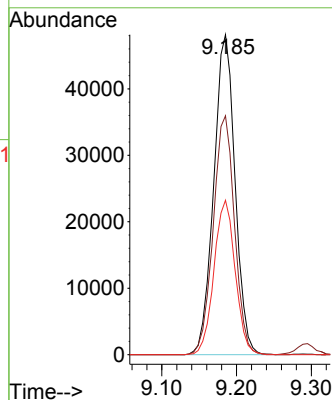
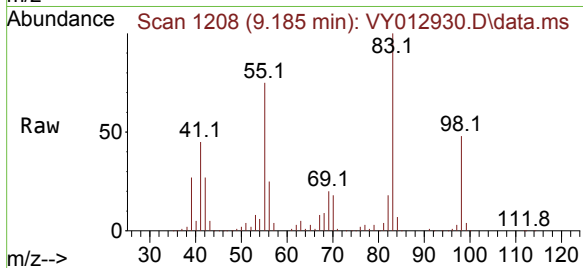
Tgt Ion: 83 Resp: 95479

Ion Ratio Lower Upper

83 100

55 74.6 60.0 90.0

98 48.2 38.3 57.5



#40

Benzene

Concen: 56.079 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012930.D

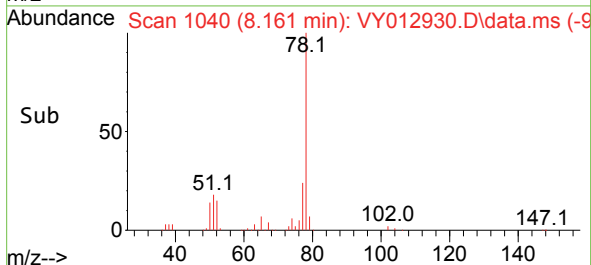
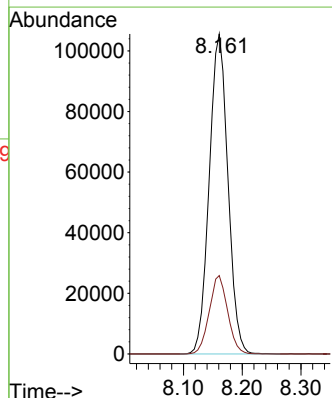
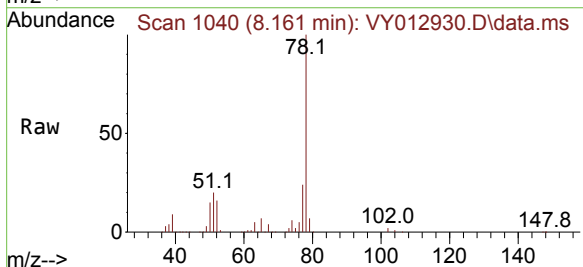
Acq: 13 Mar 2023 17:06

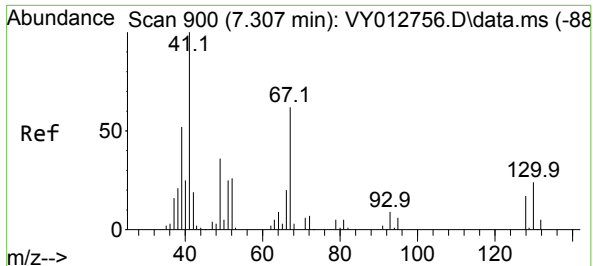
Tgt Ion: 78 Resp: 233086

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

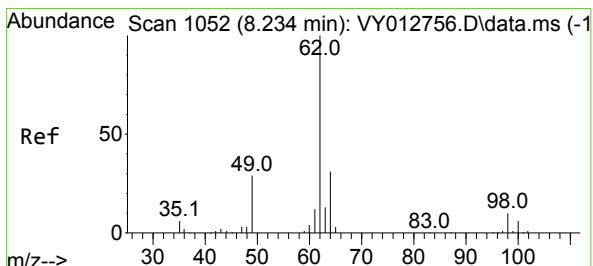
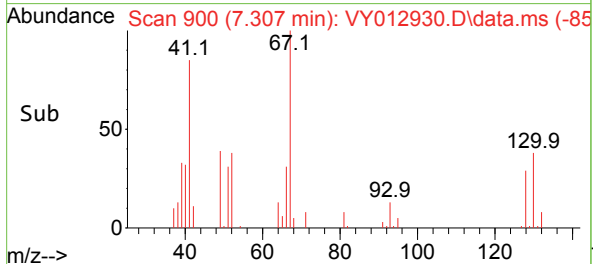
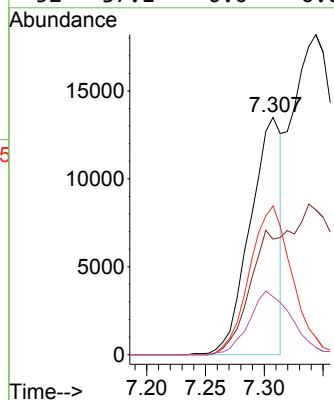
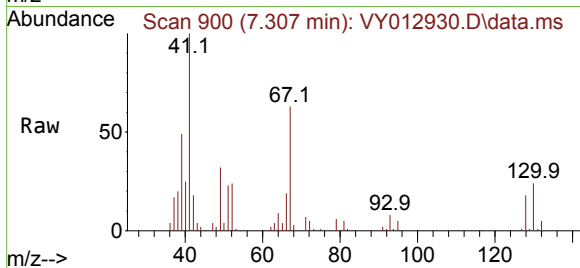




#41
Methacrylonitrile
Concen: 50.132 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

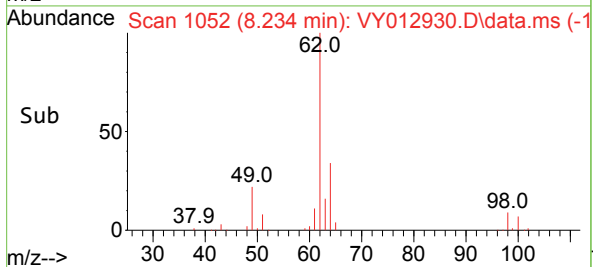
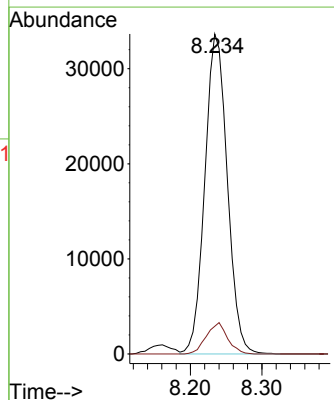
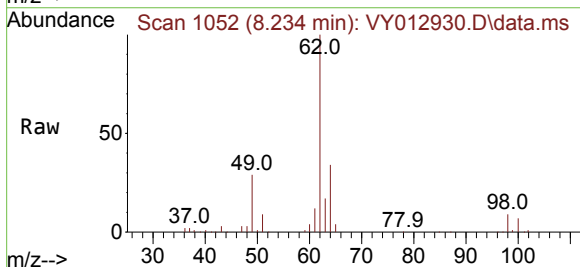
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

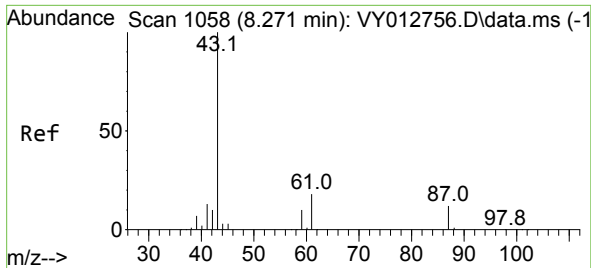
Tgt Ion:	41	Resp:	25014
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	85.4	0.0	0.0#
52	37.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 58.770 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion:	62	Resp:	73440
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.8





#43

Isopropyl Acetate

Concen: 58.195 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

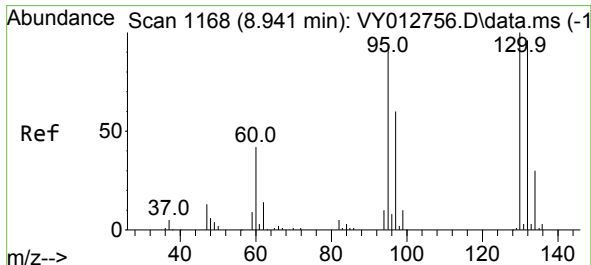
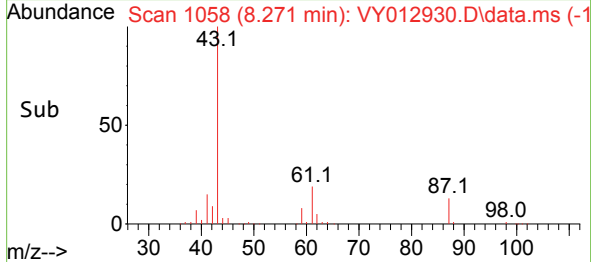
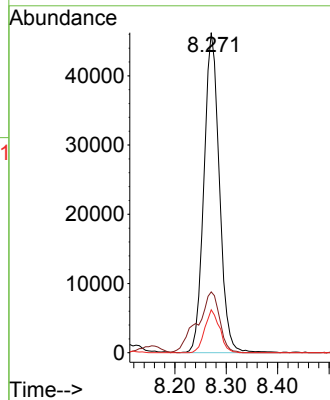
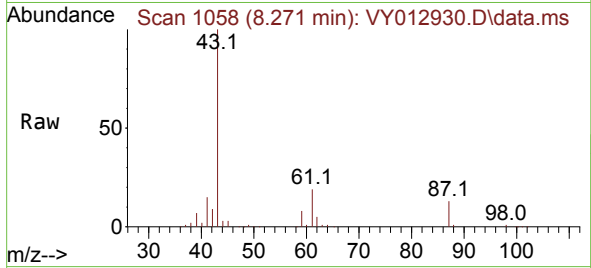
Tgt Ion: 43 Resp: 96156

Ion Ratio Lower Upper

43 100

61 27.4 21.6 32.4

87 12.9 9.9 14.9



#44

Trichloroethene

Concen: 57.003 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012930.D

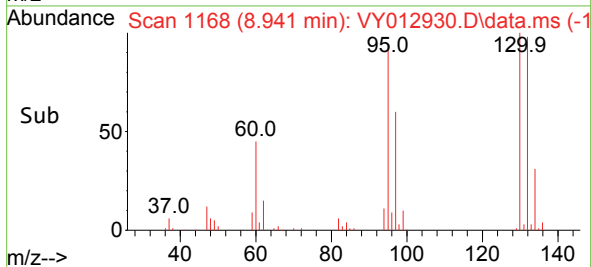
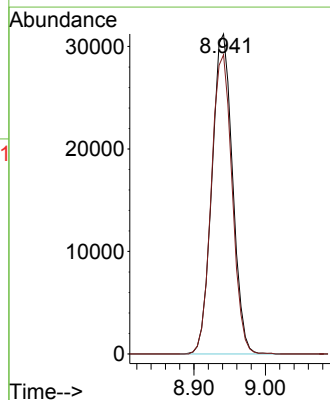
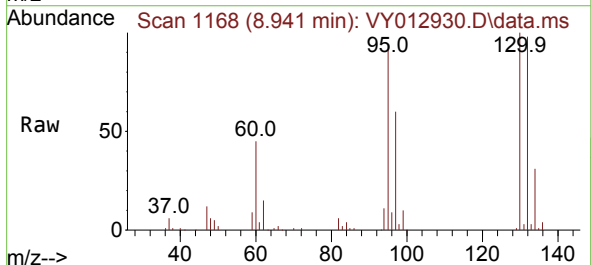
Acq: 13 Mar 2023 17:06

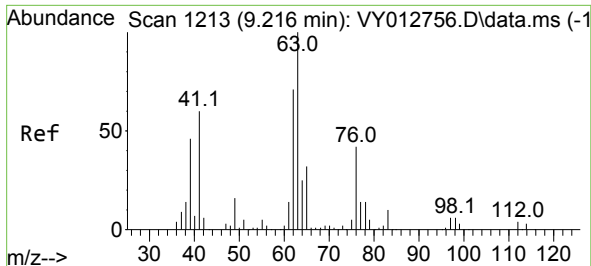
Tgt Ion: 130 Resp: 62467

Ion Ratio Lower Upper

130 100

95 93.5 0.0 185.0





#45

1,2-Dichloropropane

Concen: 55.397 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

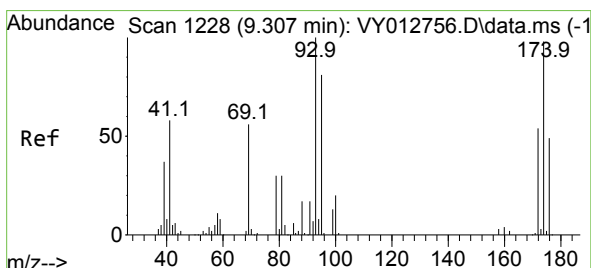
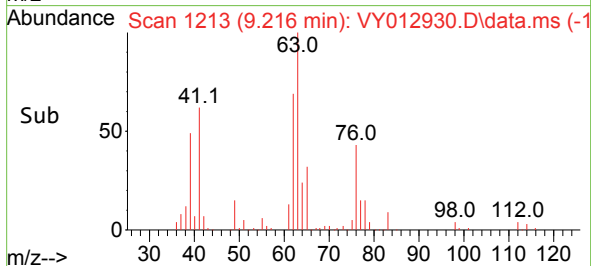
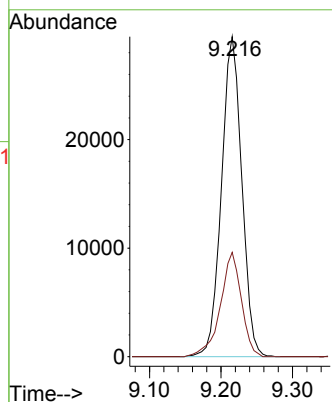
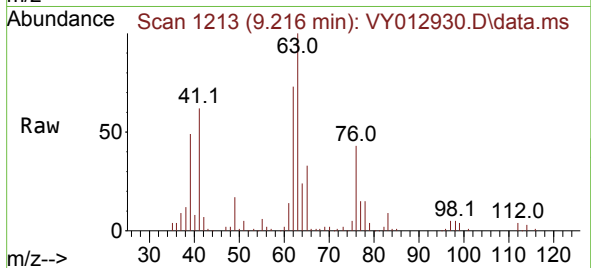
VSTDCCC050EC

Tgt Ion: 63 Resp: 58191

Ion Ratio Lower Upper

63 100

65 32.6 25.7 38.5



#46

Dibromomethane

Concen: 59.963 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

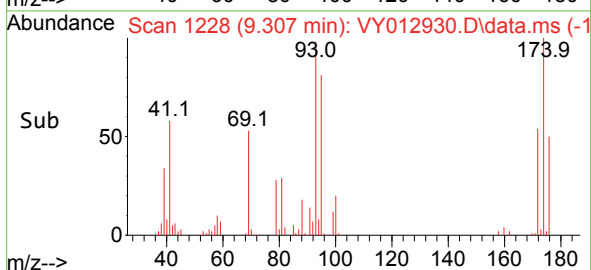
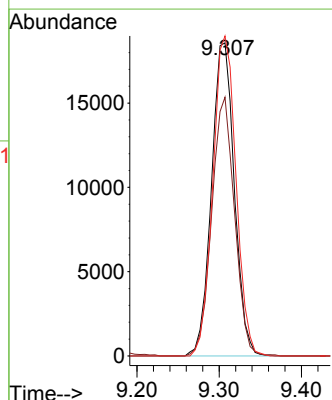
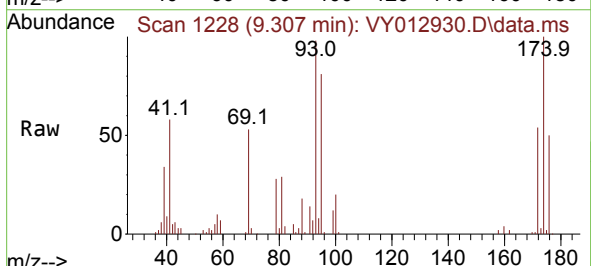
Tgt Ion: 93 Resp: 35884

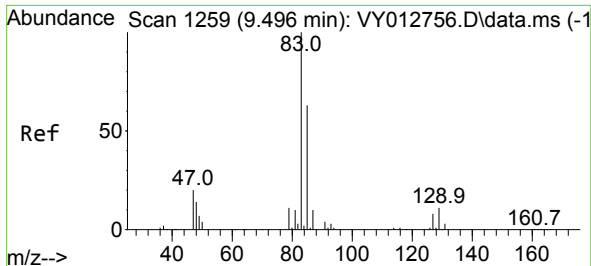
Ion Ratio Lower Upper

93 100

95 82.4 65.6 98.4

174 103.6 81.3 121.9

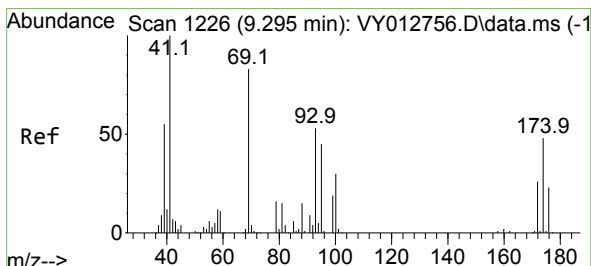
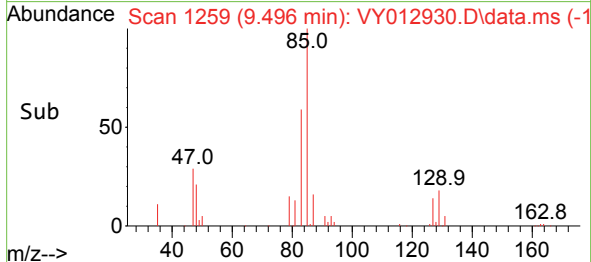
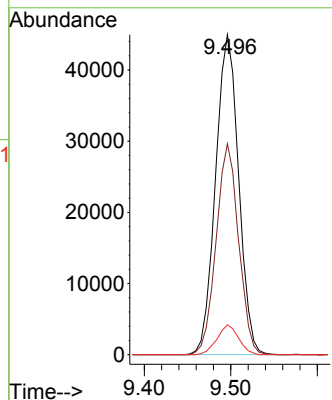
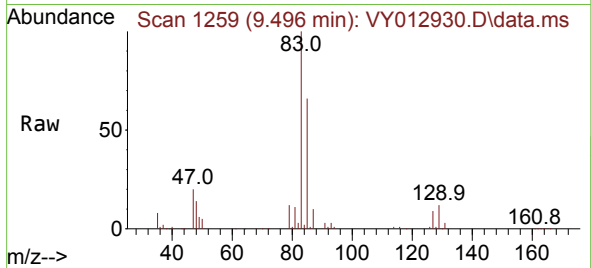




#47
Bromodichloromethane
Concen: 58.938 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

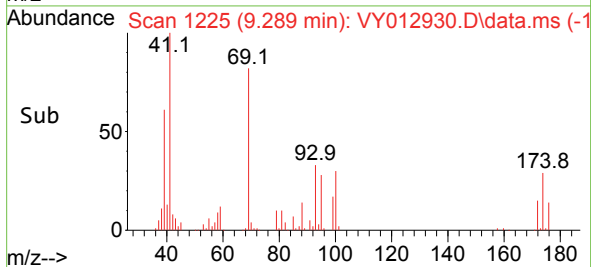
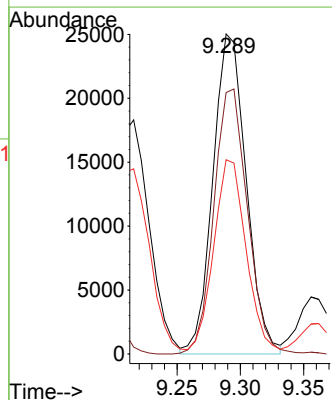
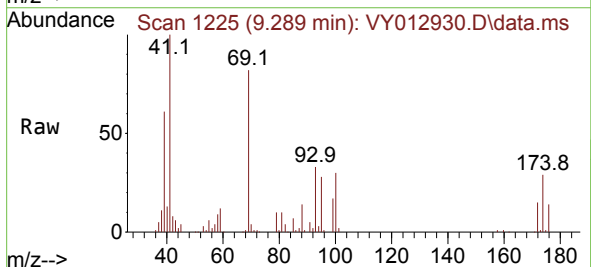
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

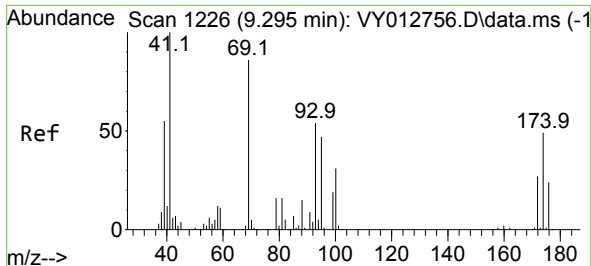
Tgt Ion: 83 Resp: 83116
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4
127 9.4 6.3 9.5



#48
Methyl methacrylate
Concen: 60.284 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 41 Resp: 45896
Ion Ratio Lower Upper
41 100
69 83.7 64.1 96.1
39 56.9 44.0 66.0





#49

1,4-Dioxane

Concen: 1341.478 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

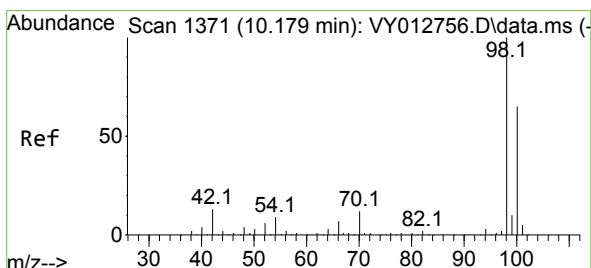
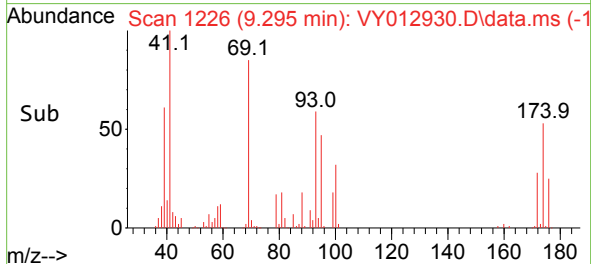
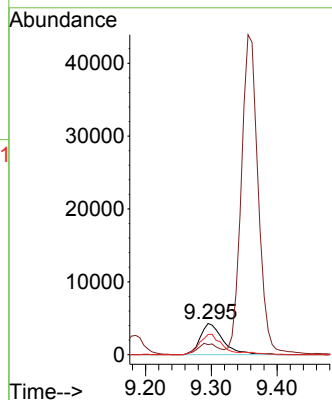
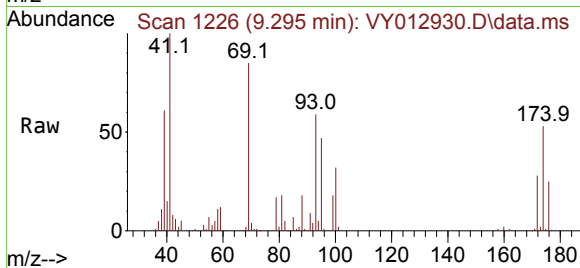
Tgt Ion: 88 Resp: 10378

Ion Ratio Lower Upper

88 100

43 32.7 28.6 42.8

58 62.4 55.2 82.8



#50

Toluene-d8

Concen: 46.216 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012930.D

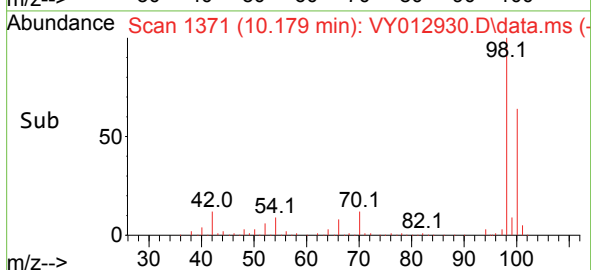
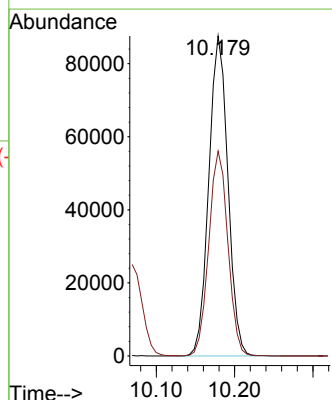
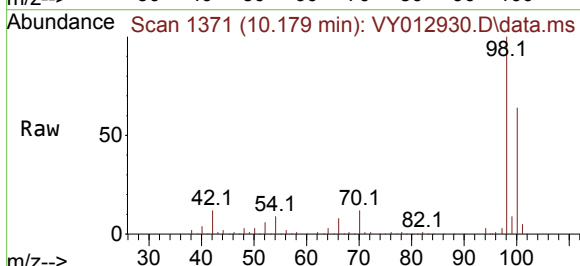
Acq: 13 Mar 2023 17:06

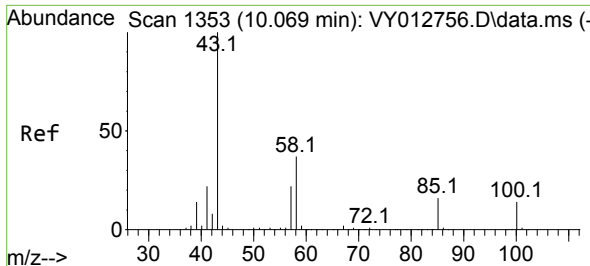
Tgt Ion: 98 Resp: 148144

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

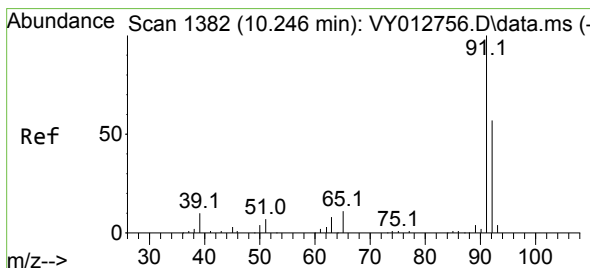
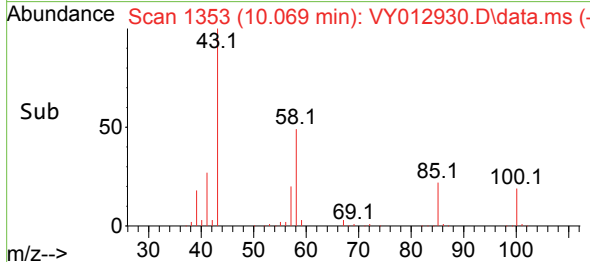
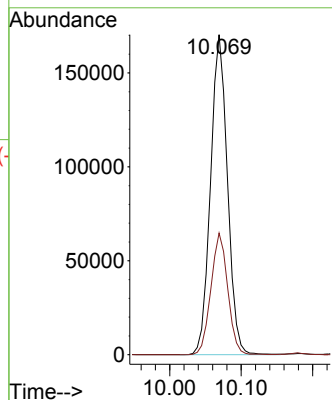
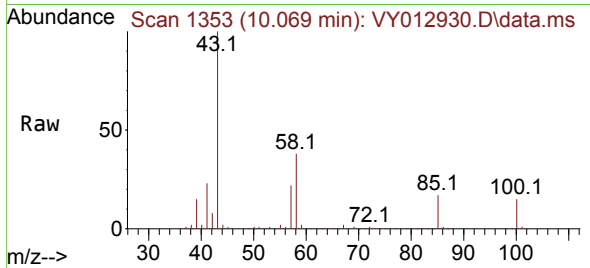




#51
4-Methyl-2-Pentanone
Concen: 311.719 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

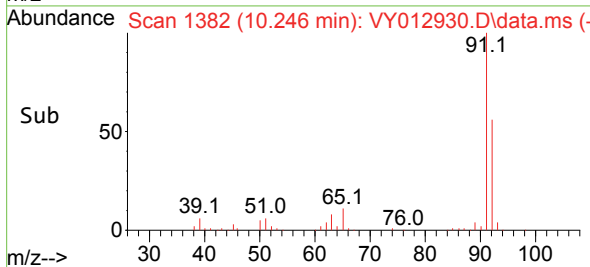
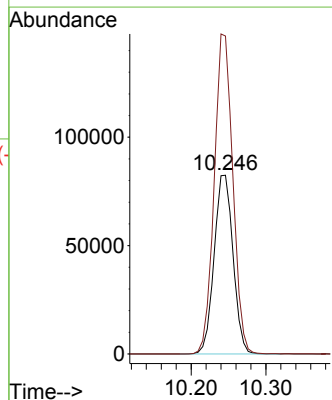
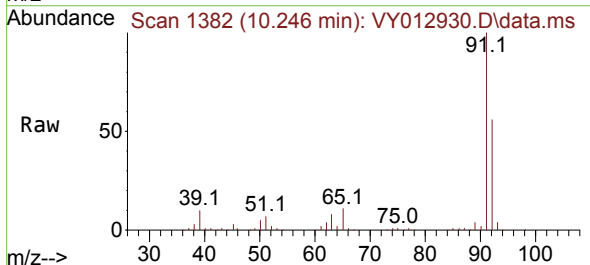
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

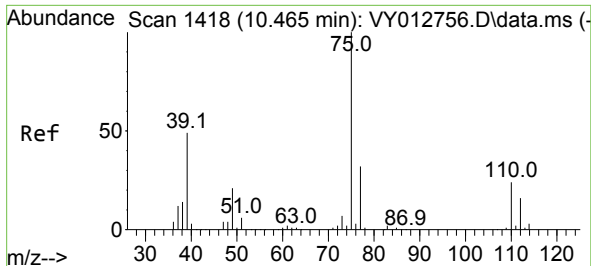
Tgt Ion: 43 Resp: 279383
Ion Ratio Lower Upper
43 100
58 37.8 29.8 44.6



#52
Toluene
Concen: 57.876 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 92 Resp: 145075
Ion Ratio Lower Upper
92 100
91 176.5 141.3 211.9

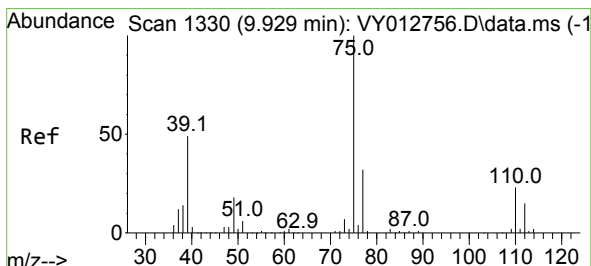
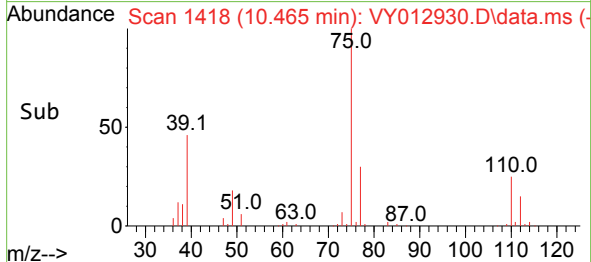
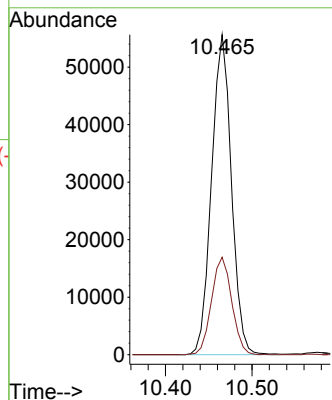
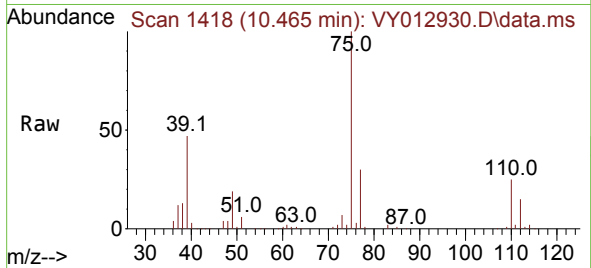




#53
 t-1,3-Dichloropropene
 Concen: 59.795 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012930.D
 Acq: 13 Mar 2023 17:06

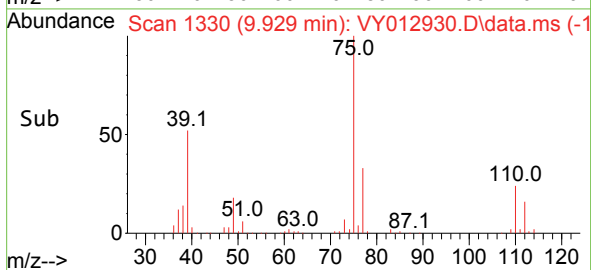
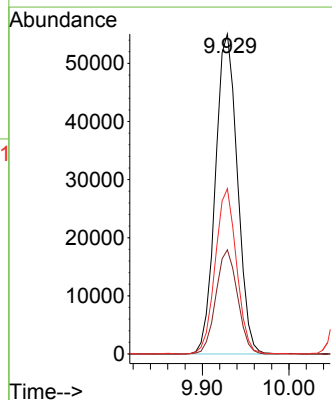
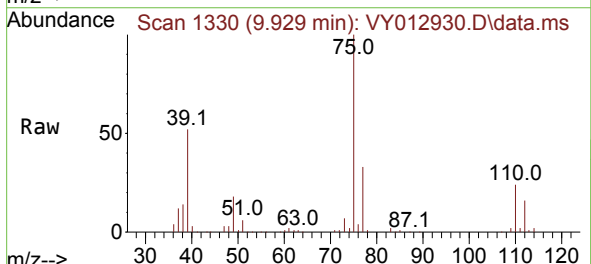
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

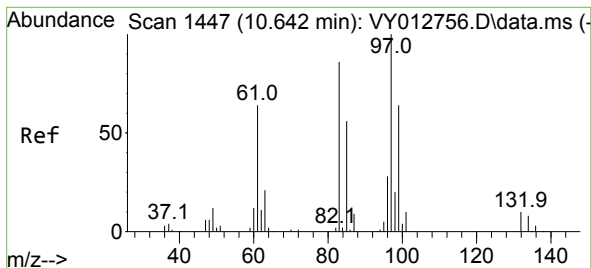
Tgt Ion: 75 Resp: 88448
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 57.985 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY012930.D
 Acq: 13 Mar 2023 17:06

Tgt Ion: 75 Resp: 97081
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0
 39 51.6 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 59.816 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 49851

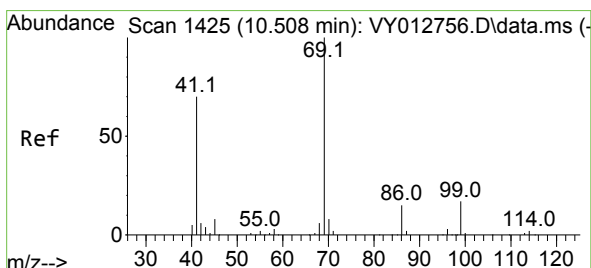
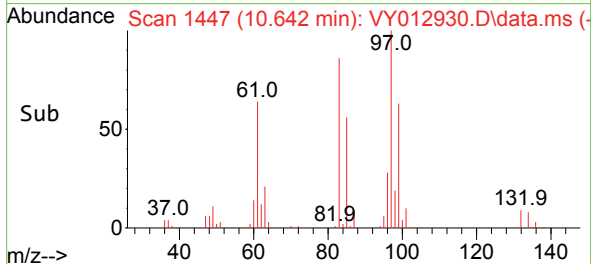
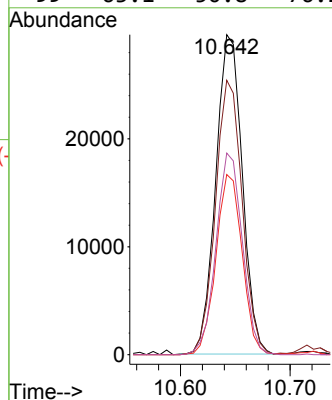
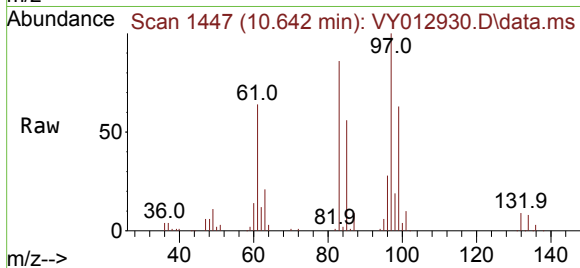
Ion Ratio Lower Upper

97 100

83 85.9 69.0 103.6

85 56.4 44.9 67.3

99 63.1 50.8 76.2



#56

Ethyl methacrylate

Concen: 62.744 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

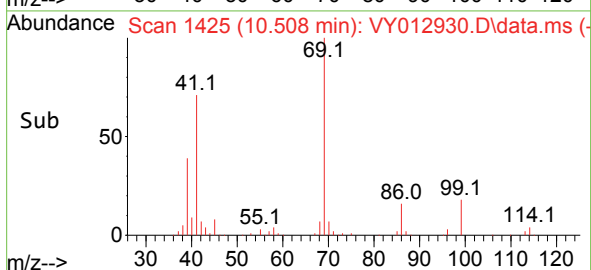
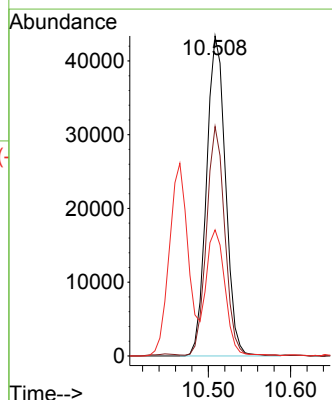
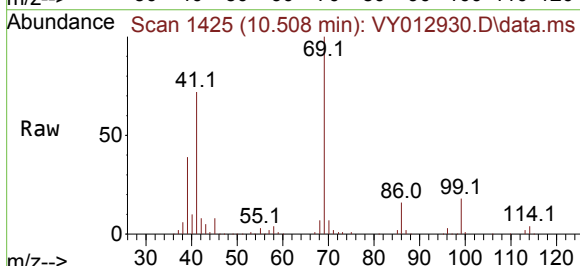
Tgt Ion: 69 Resp: 69725

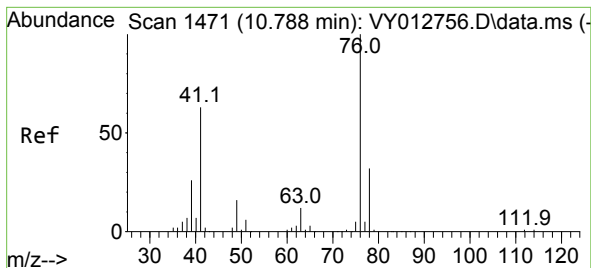
Ion Ratio Lower Upper

69 100

41 68.6 56.4 84.6

39 38.1 30.8 46.2





#57

1,3-Dichloropropane

Concen: 59.441 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

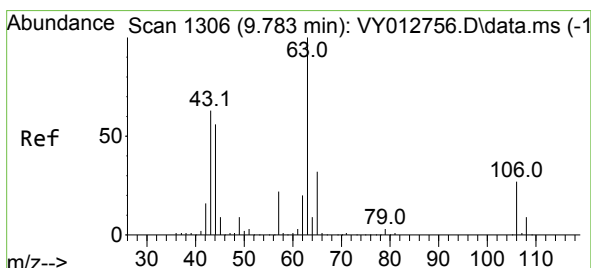
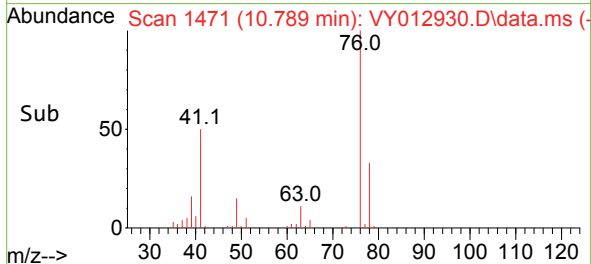
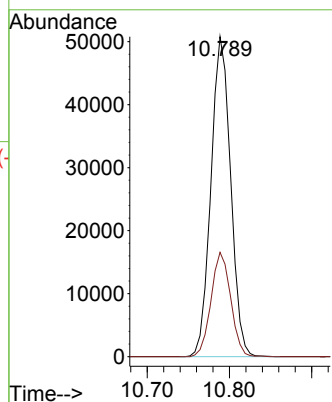
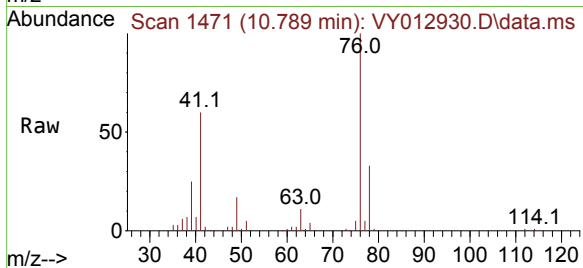
VSTDCCC050EC

Tgt Ion: 76 Resp: 84376

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 289.653 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012930.D

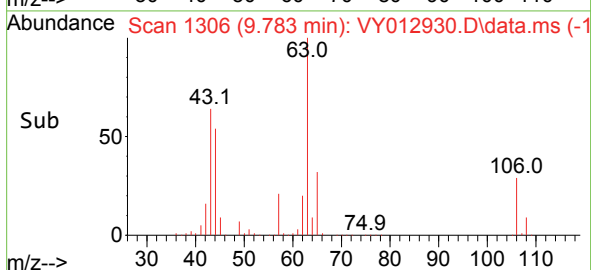
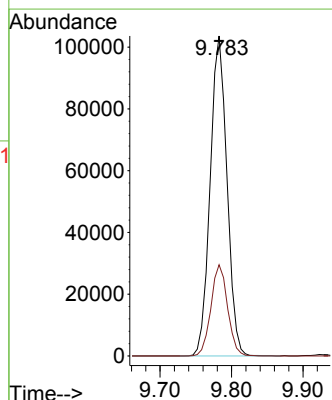
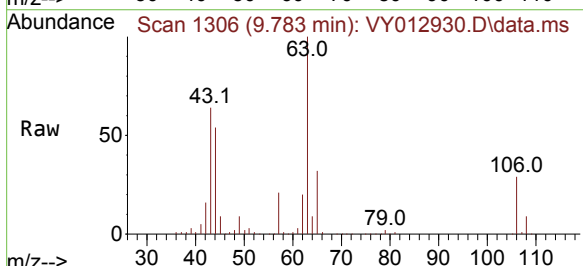
Acq: 13 Mar 2023 17:06

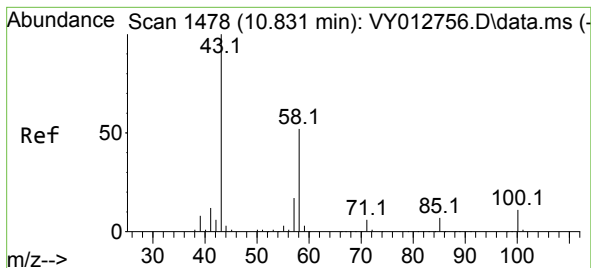
Tgt Ion: 63 Resp: 168973

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1

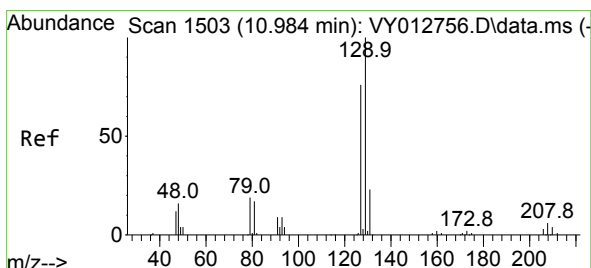
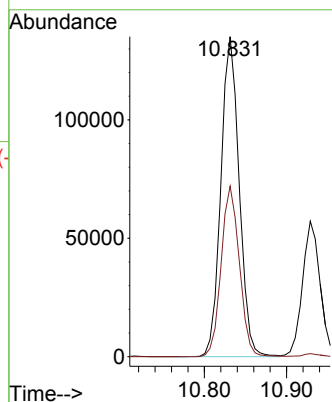
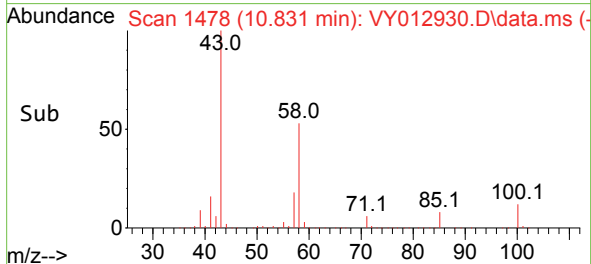
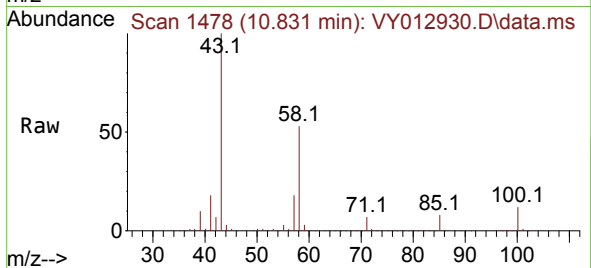




#59
2-Hexanone
Concen: 320.900 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

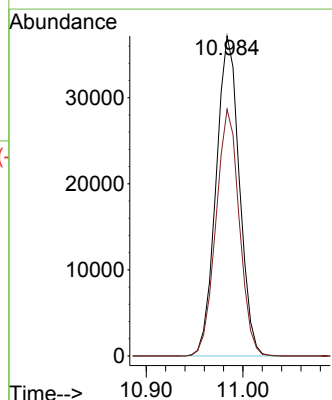
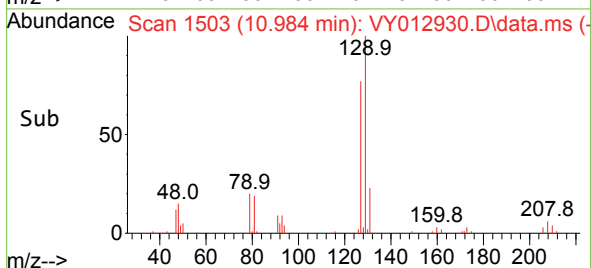
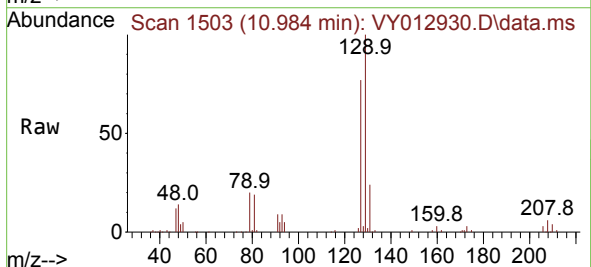
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

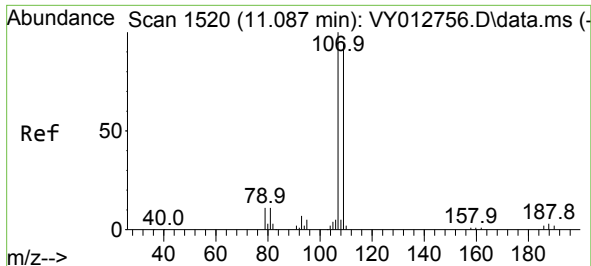
Tgt Ion: 43 Resp: 209031
Ion Ratio Lower Upper
43 100
58 53.0 25.9 77.8



#60
Dibromochloromethane
Concen: 61.191 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 129 Resp: 62078
Ion Ratio Lower Upper
129 100
127 77.3 38.7 116.1

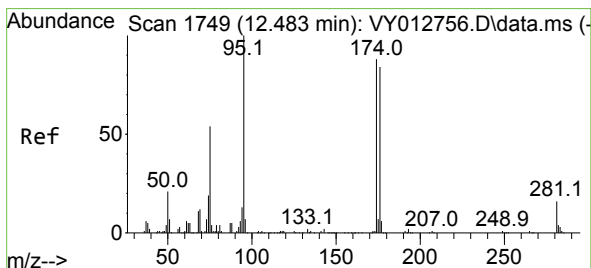
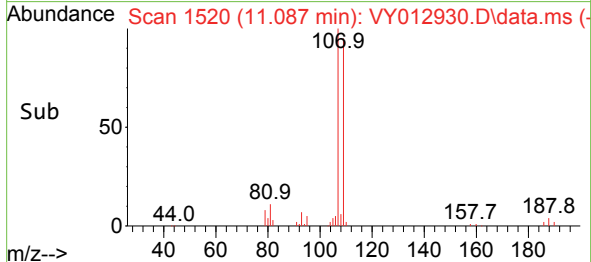
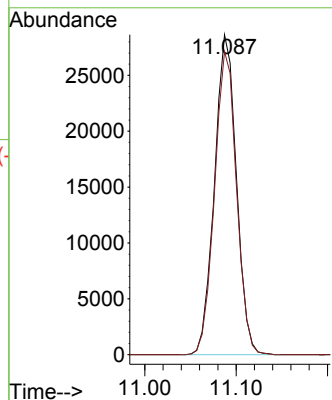
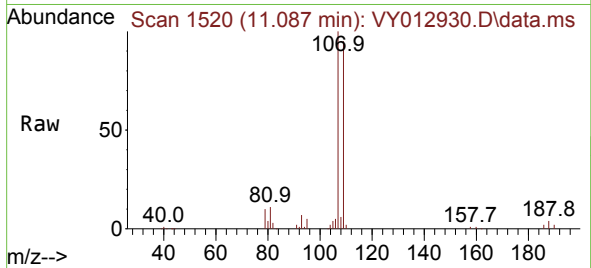




#61
1,2-Dibromoethane
Concen: 59.417 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

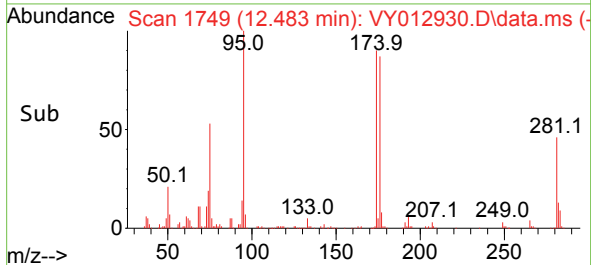
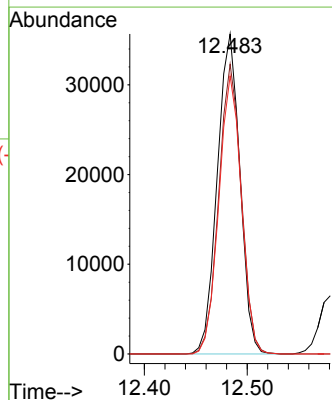
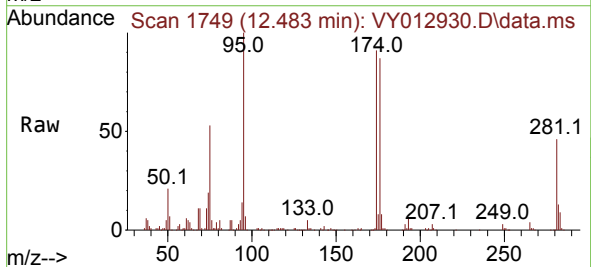
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

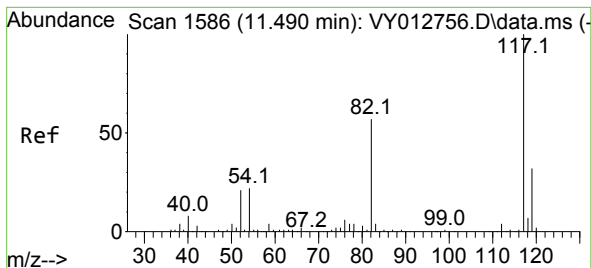
Tgt Ion:107 Resp: 47701
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 50.377 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 95 Resp: 54504
Ion Ratio Lower Upper
95 100
174 90.2 0.0 176.6
176 86.6 0.0 170.2

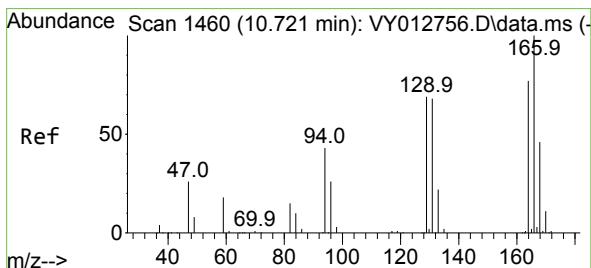
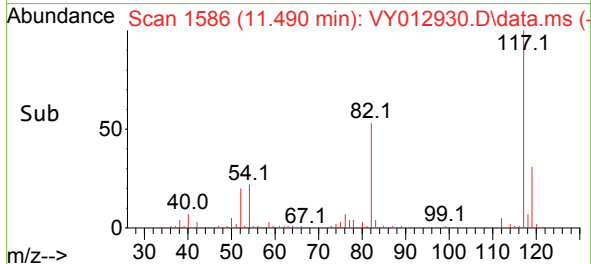
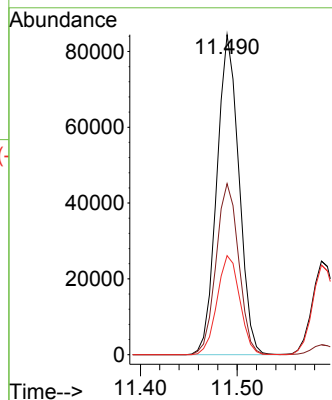
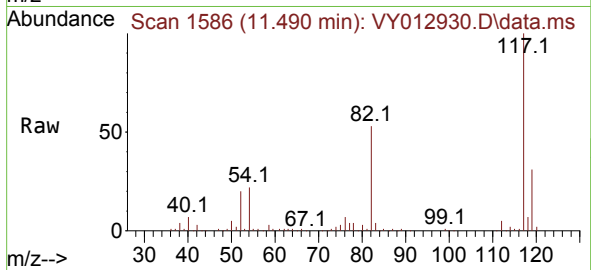




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

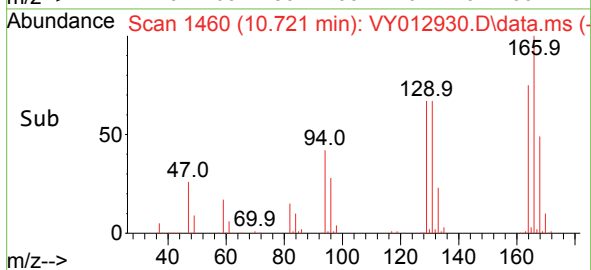
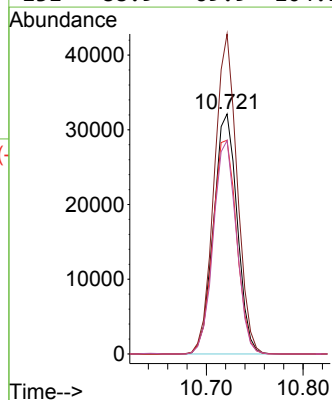
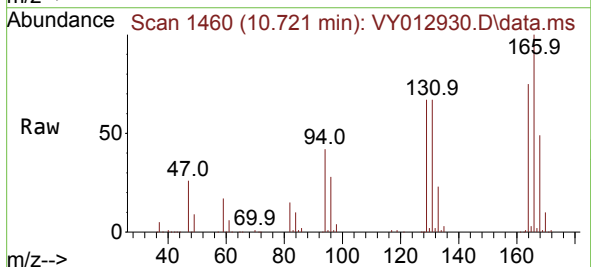
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

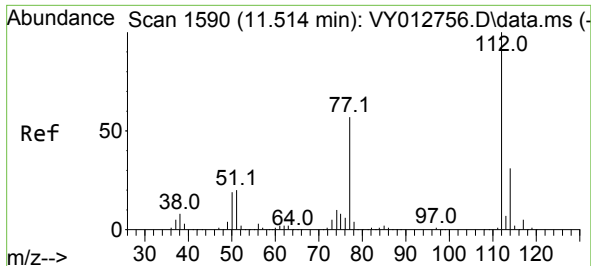
Tgt Ion:117 Resp: 134007
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.0
119 30.9 25.6 38.4



#64
Tetrachloroethene
Concen: 55.810 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion:164 Resp: 54452
Ion Ratio Lower Upper
164 100
166 133.3 103.4 155.2
129 89.1 71.4 107.2
131 88.9 69.9 104.9

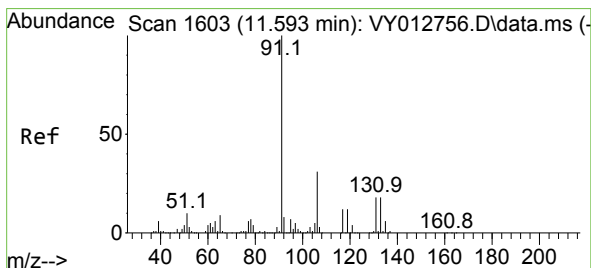
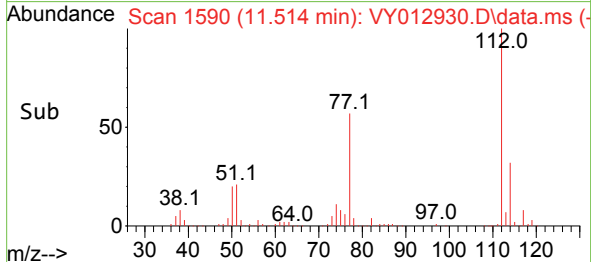
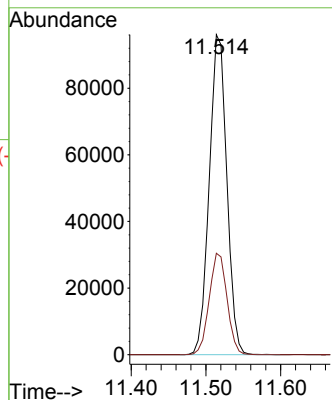
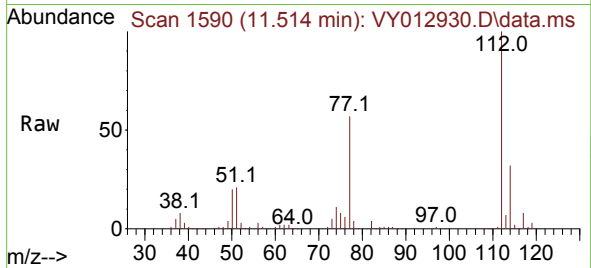




#65
Chlorobenzene
Concen: 55.715 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

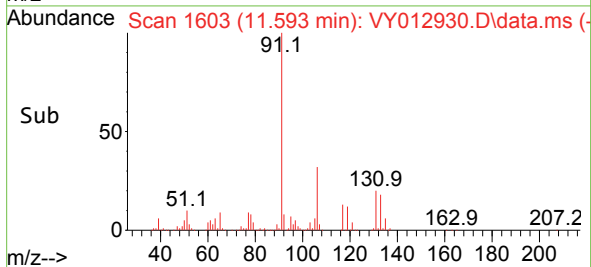
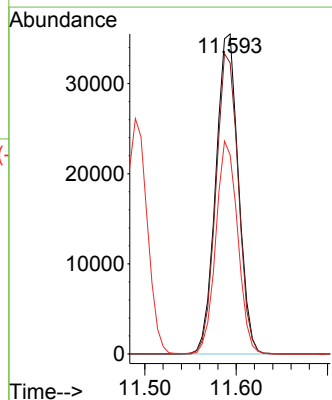
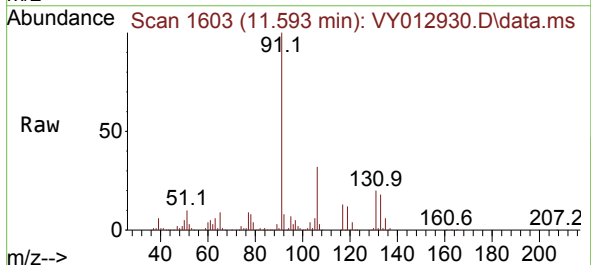
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

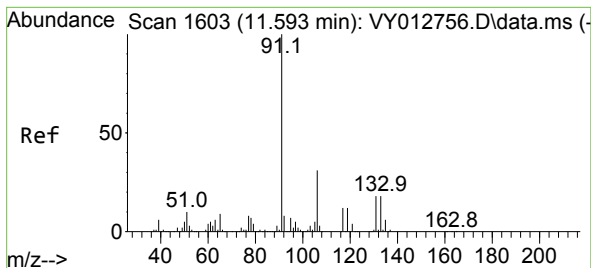
Tgt Ion:112 Resp: 156698
Ion Ratio Lower Upper
112 100
114 31.7 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 58.675 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion:131 Resp: 61063
Ion Ratio Lower Upper
131 100
133 93.1 48.0 144.0
119 64.3 32.6 98.0





#67

Ethyl Benzene

Concen: 56.647 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

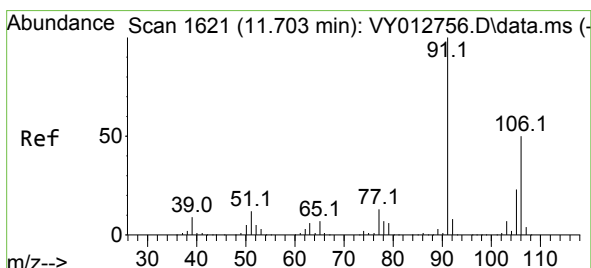
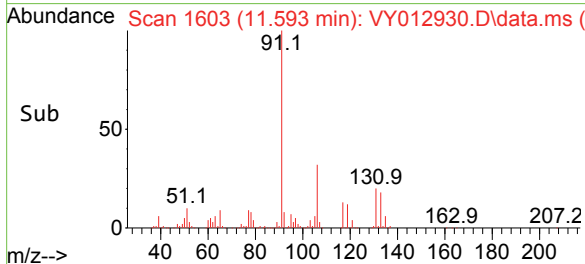
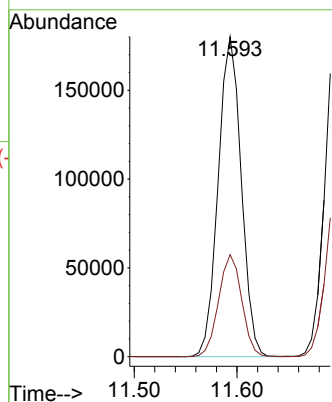
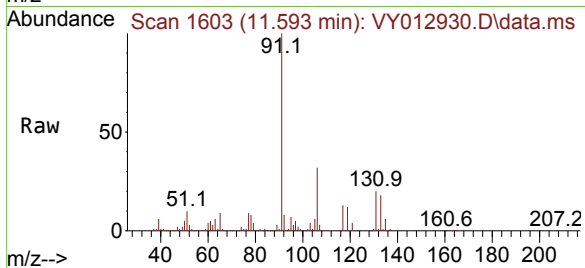
VSTDCCC050EC

Tgt Ion: 91 Resp: 280104

Ion Ratio Lower Upper

91 100

106 31.9 25.1 37.7



#68

m/p-Xylenes

Concen: 114.648 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012930.D

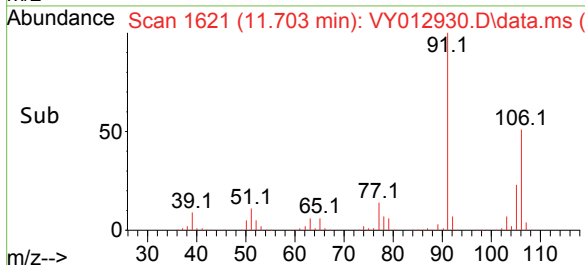
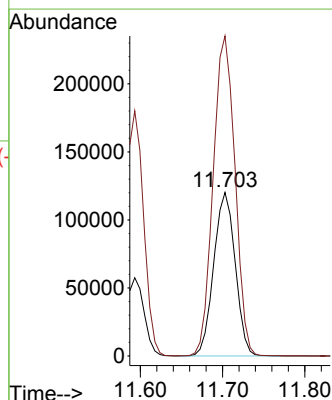
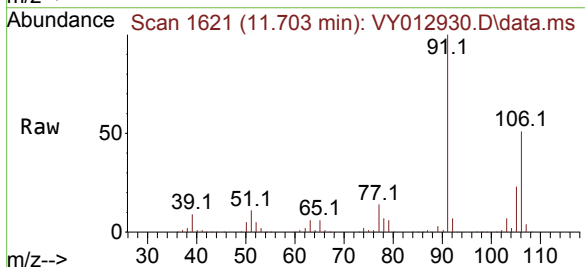
Acq: 13 Mar 2023 17:06

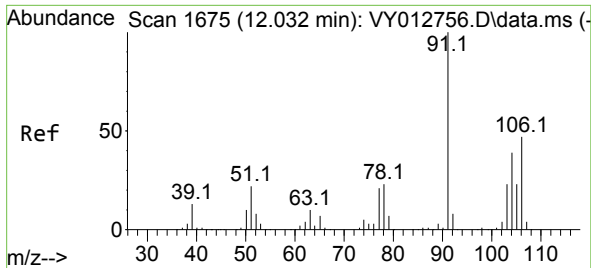
Tgt Ion: 106 Resp: 218087

Ion Ratio Lower Upper

106 100

91 199.6 159.8 239.8

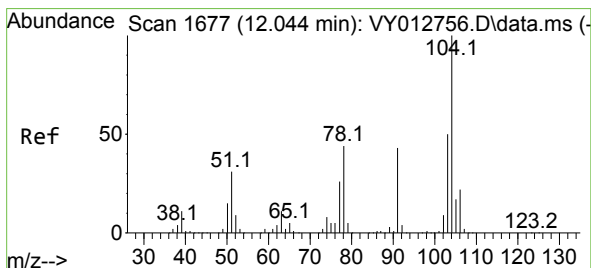
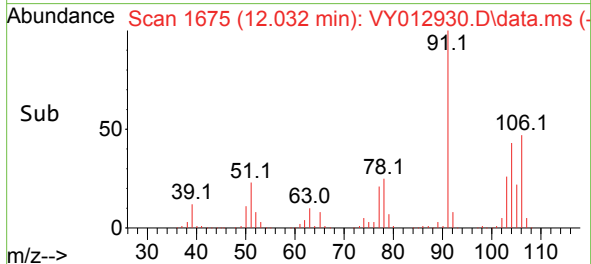
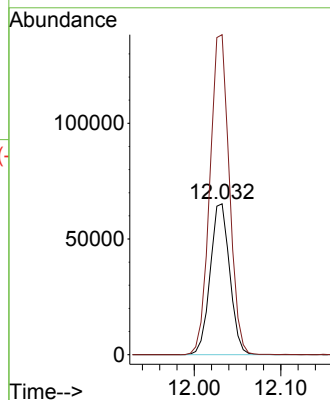
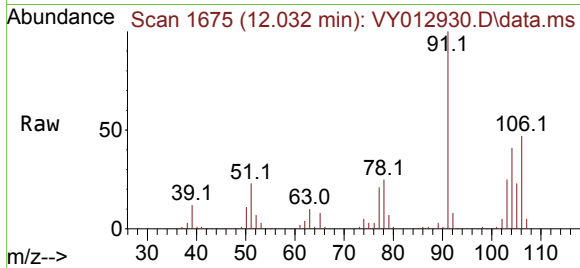




#69
o-Xylene
Concen: 57.446 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

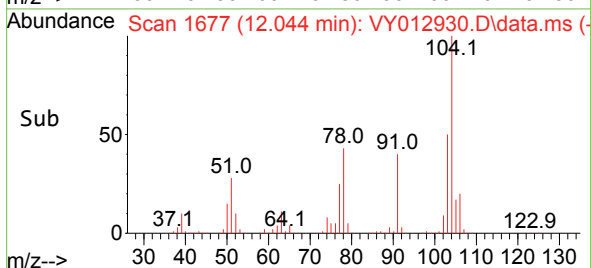
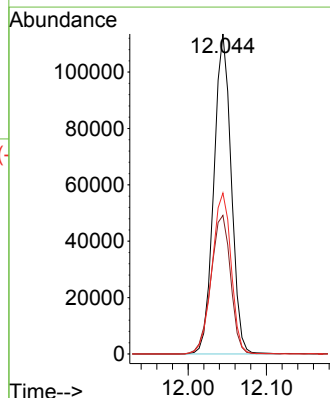
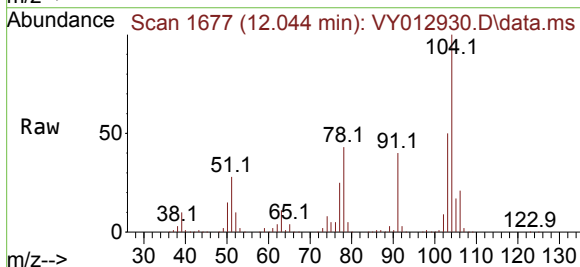
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

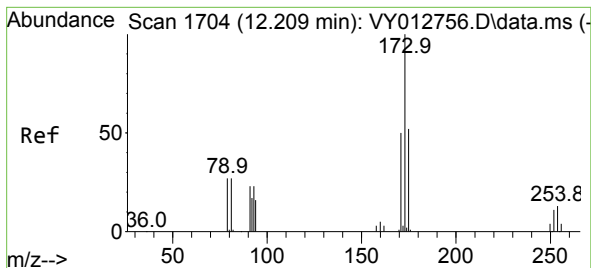
Tgt Ion:106 Resp: 101986
Ion Ratio Lower Upper
106 100
91 211.7 107.2 321.6



#70
Styrene
Concen: 59.190 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion:104 Resp: 175359
Ion Ratio Lower Upper
104 100
78 49.1 39.2 58.8
103 55.2 43.7 65.5





#71

Bromoform

Concen: 60.843 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

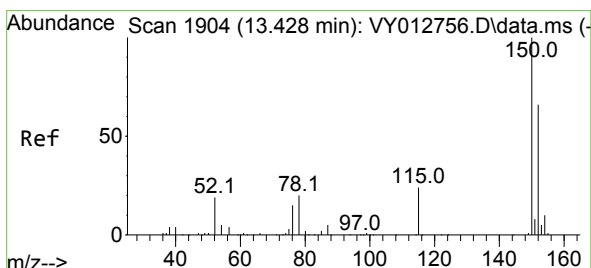
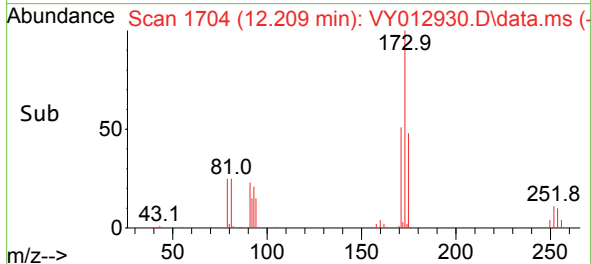
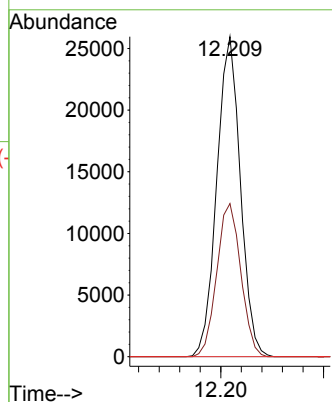
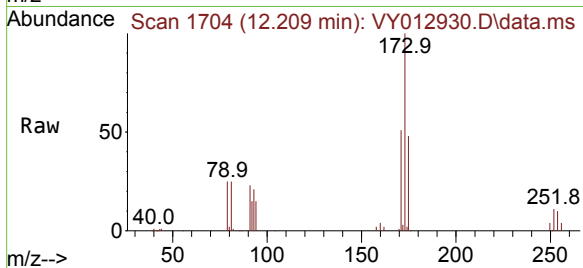
Tgt Ion:173 Resp: 41285

Ion Ratio Lower Upper

173 100

175 48.7 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

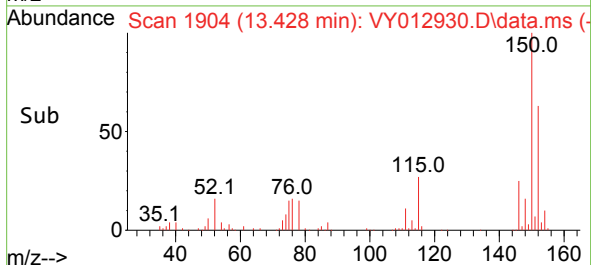
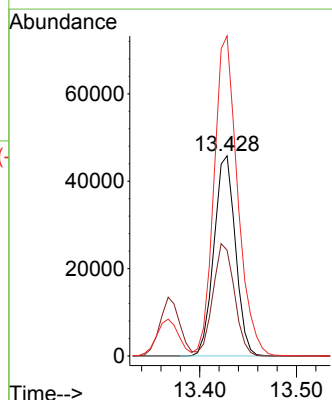
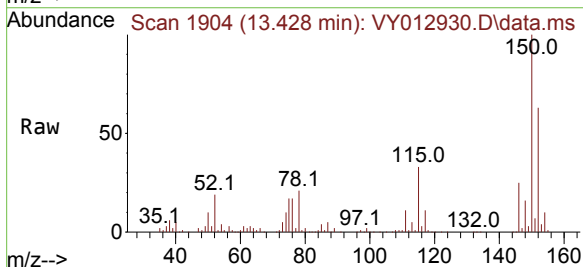
Tgt Ion:152 Resp: 70426

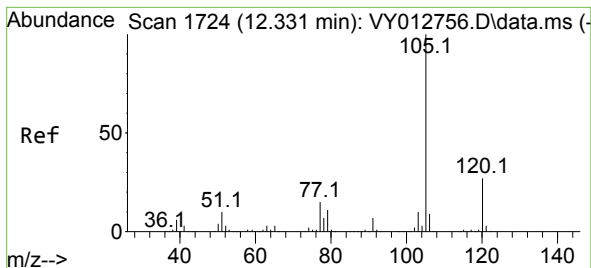
Ion Ratio Lower Upper

152 100

115 55.9 27.1 81.3

150 176.3 0.0 347.8





#73

Isopropylbenzene

Concen: 55.069 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

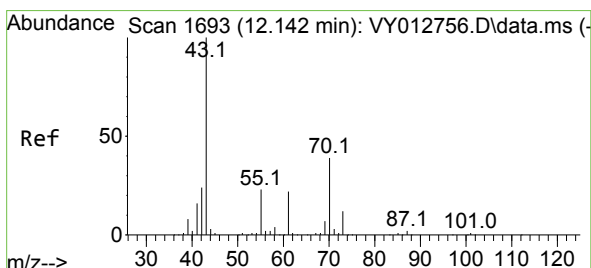
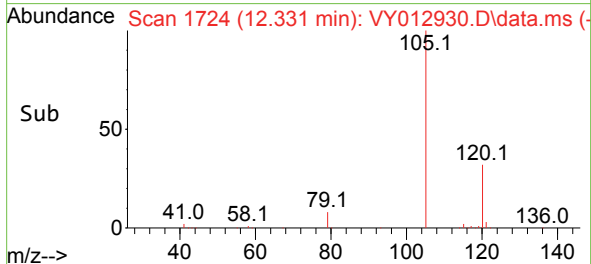
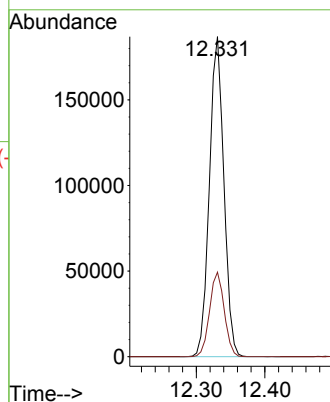
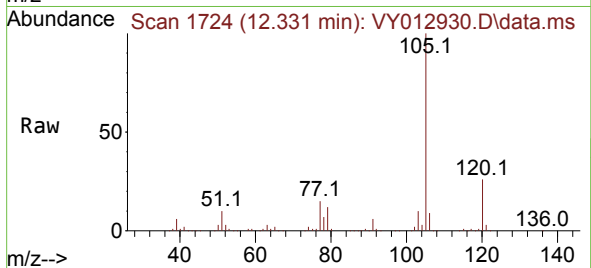
VSTDCCC050EC

Tgt Ion:105 Resp: 274858

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 54.427 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Tgt Ion: 43 Resp: 85472

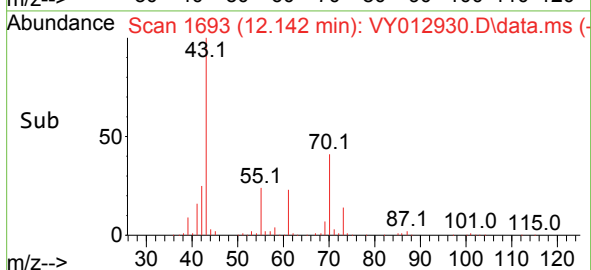
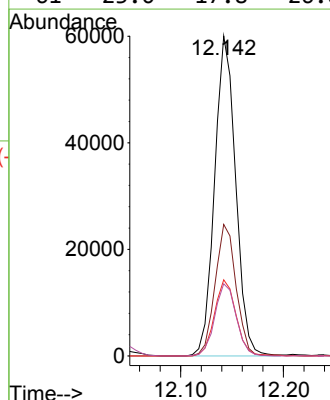
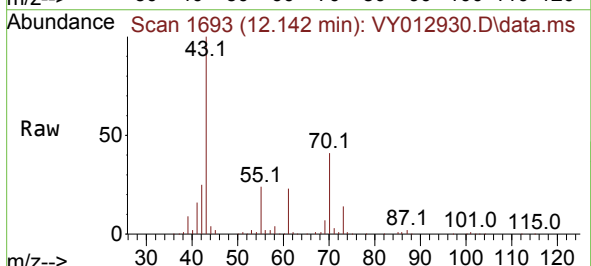
Ion Ratio Lower Upper

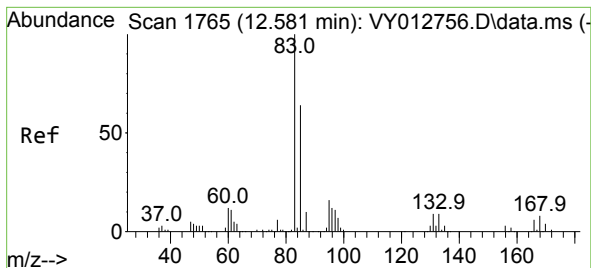
43 100

70 41.0 31.6 47.4

55 24.4 18.8 28.2

61 23.0 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 56.518 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

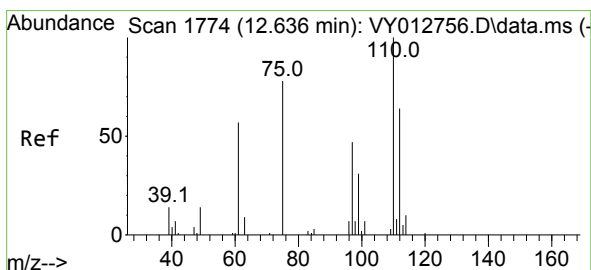
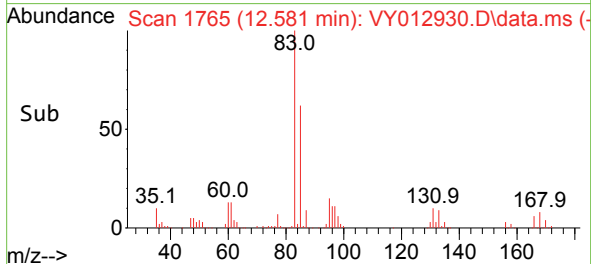
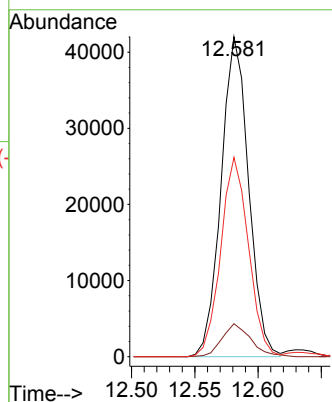
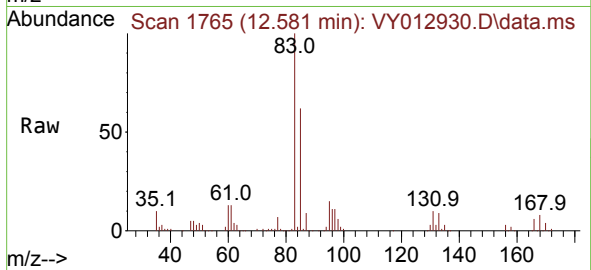
Tgt Ion: 83 Resp: 63412

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.2

85 62.9 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 97.197 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY012930.D

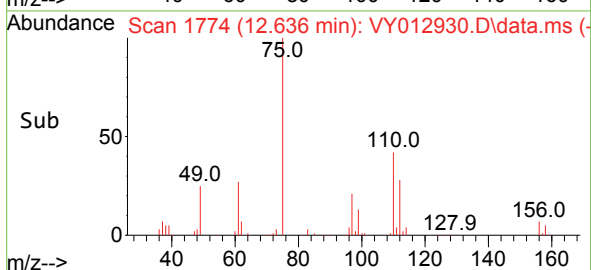
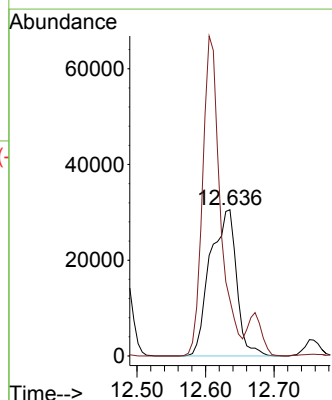
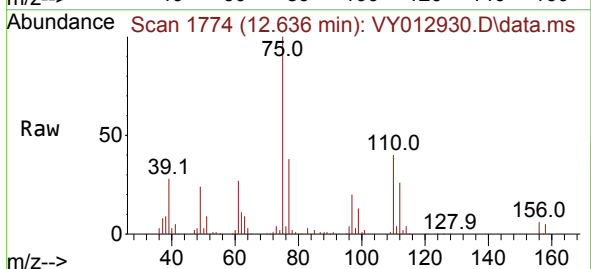
Acq: 13 Mar 2023 17:06

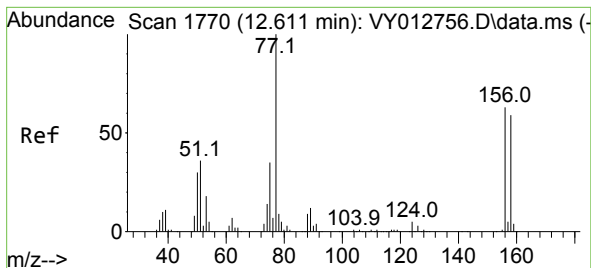
Tgt Ion: 75 Resp: 81743

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.073 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

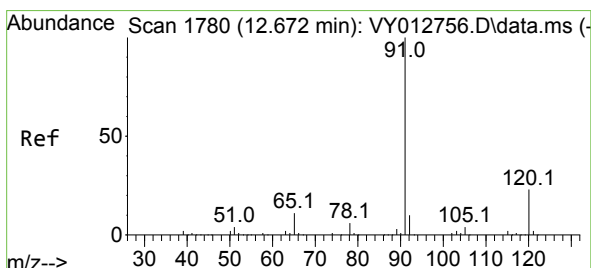
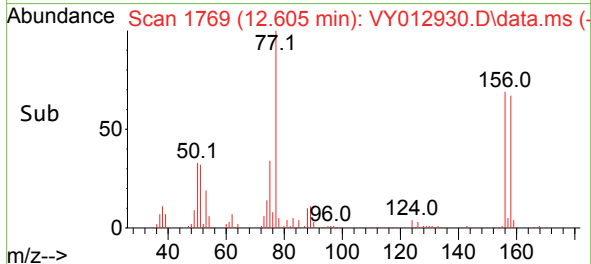
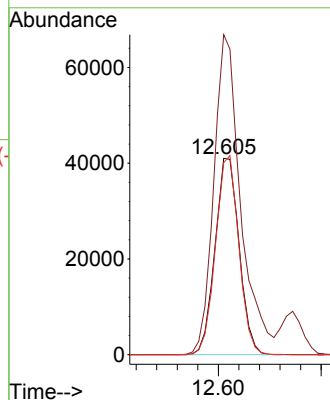
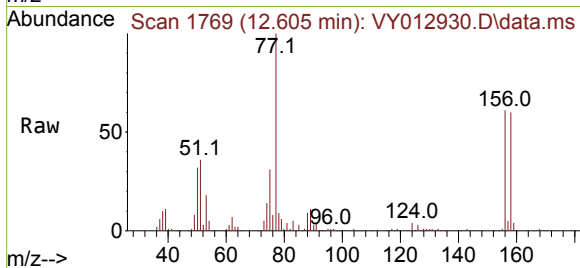
Tgt Ion:156 Resp: 66777

Ion Ratio Lower Upper

156 100

77 181.9 94.0 282.1

158 97.7 48.1 144.4



#78

n-propylbenzene

Concen: 54.966 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012930.D

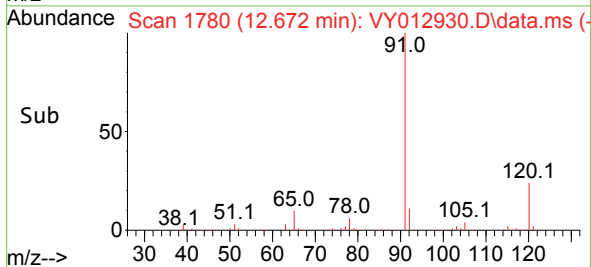
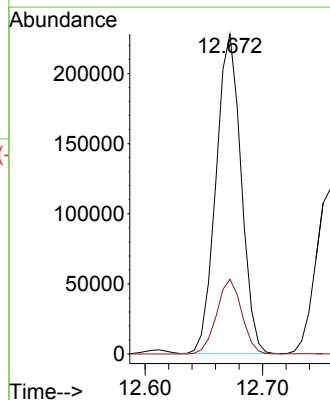
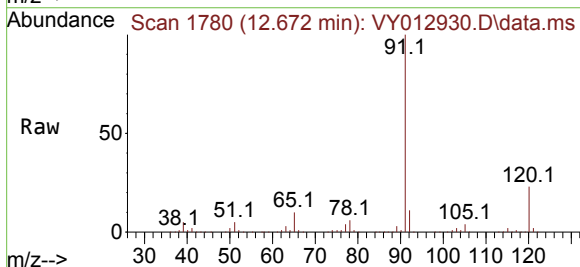
Acq: 13 Mar 2023 17:06

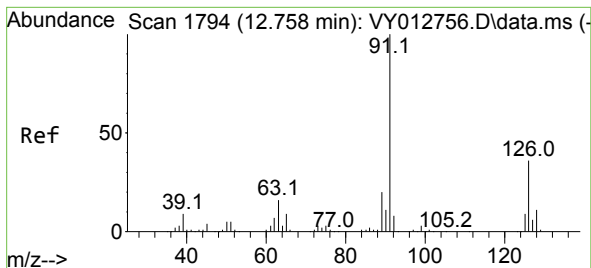
Tgt Ion: 91 Resp: 338233

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8

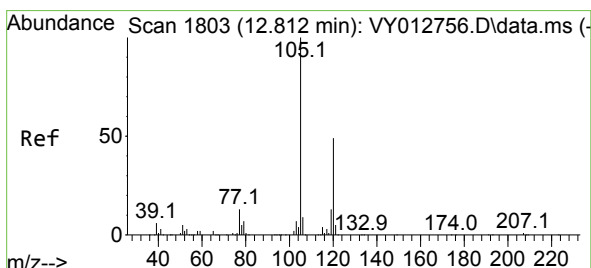
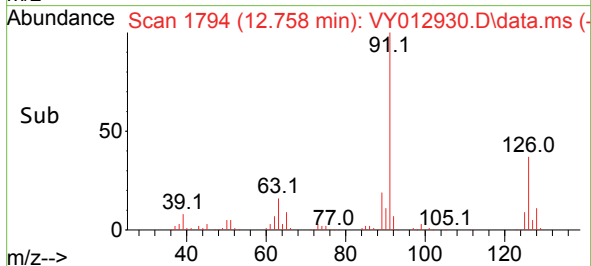
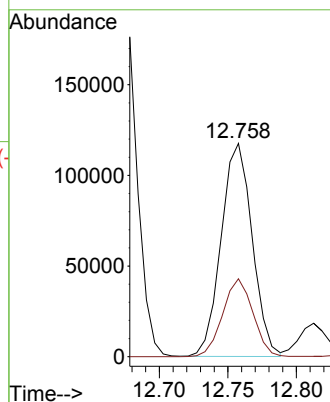
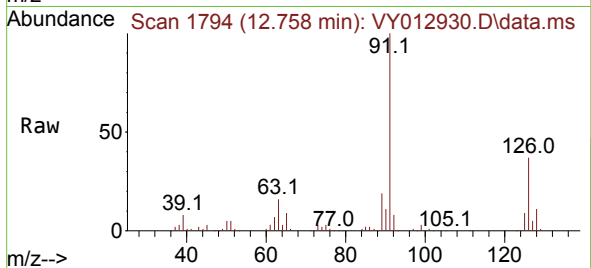




#79
2-Chlorotoluene
Concen: 54.152 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

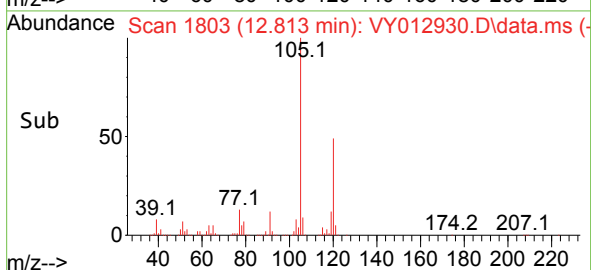
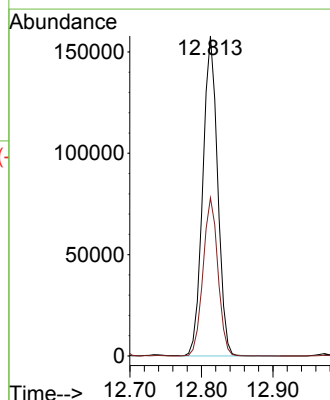
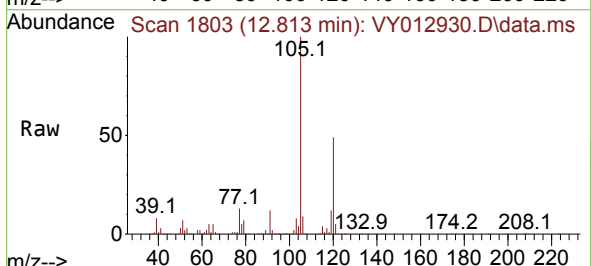
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

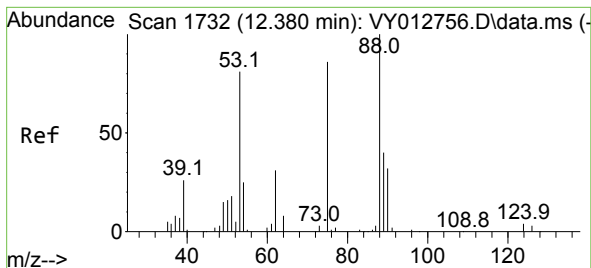
Tgt Ion: 91 Resp: 185201
Ion Ratio Lower Upper
91 100
126 35.6 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 55.313 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 105 Resp: 227833
Ion Ratio Lower Upper
105 100
120 49.5 24.8 74.4

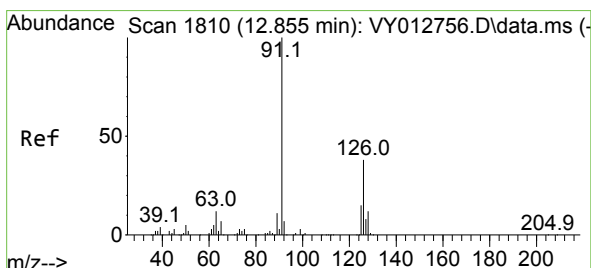
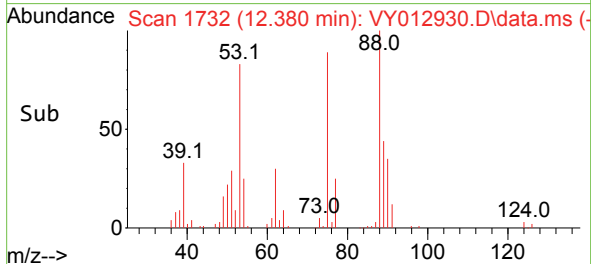
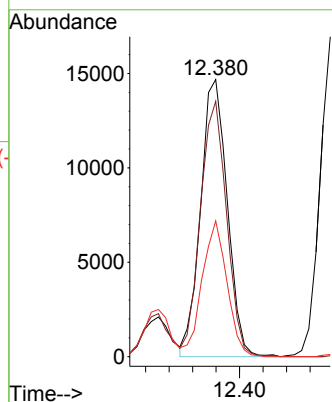
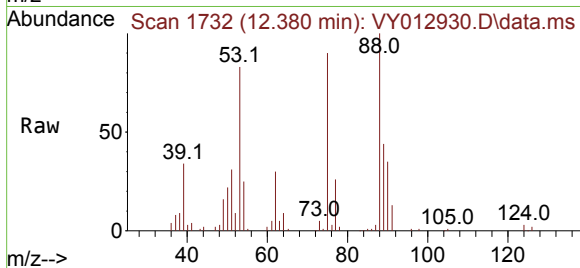




#81
trans-1,4-Dichloro-2-butene
Concen: 57.118 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

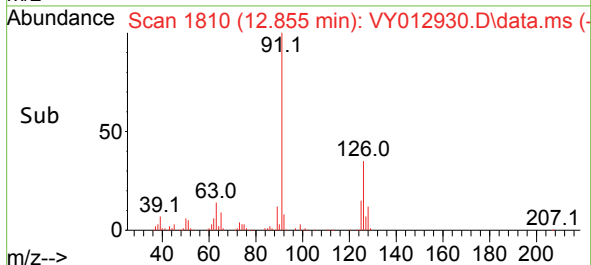
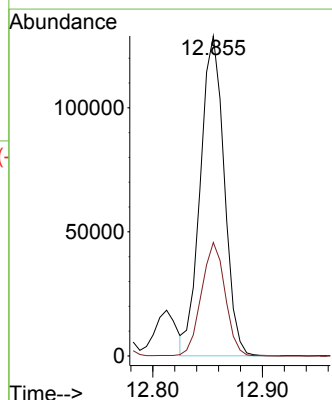
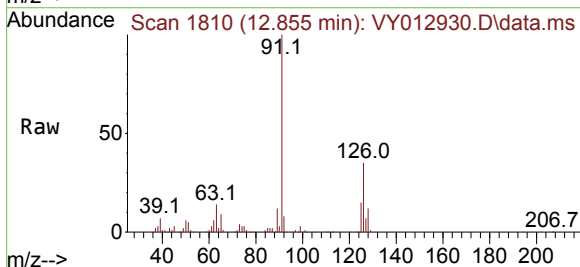
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

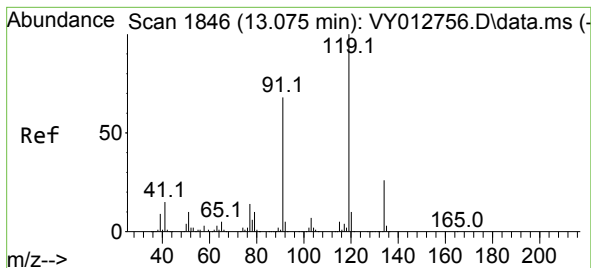
Tgt Ion:	75	Resp:	23183
Ion	Ratio	Lower	Upper
75	100		
53	90.7	73.4	110.0
89	45.7	36.6	55.0



#82
4-Chlorotoluene
Concen: 54.999 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion:	91	Resp:	194709
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.7	53.1





#83

tert-Butylbenzene

Concen: 56.782 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

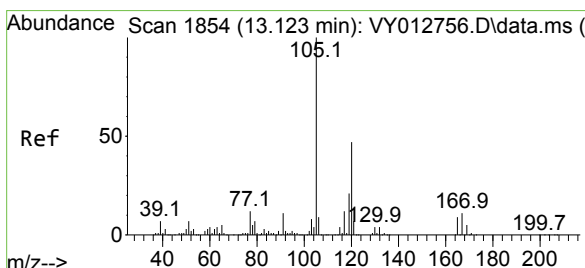
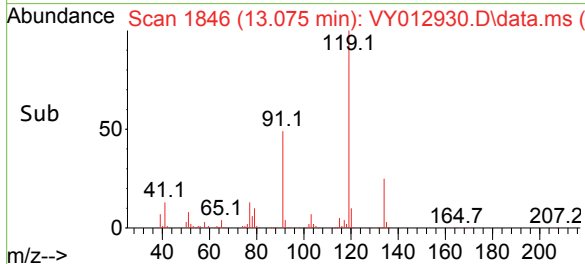
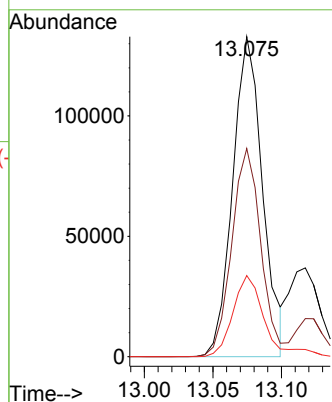
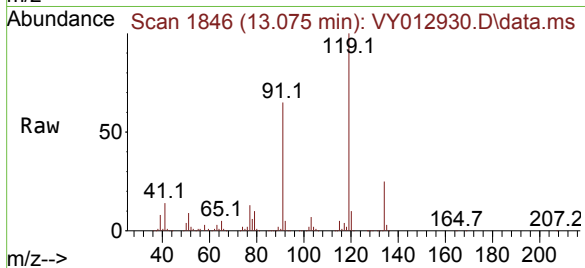
Tgt Ion:119 Resp: 201870

Ion Ratio Lower Upper

119 100

91 63.1 32.8 98.3

134 26.8 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 56.079 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY012930.D

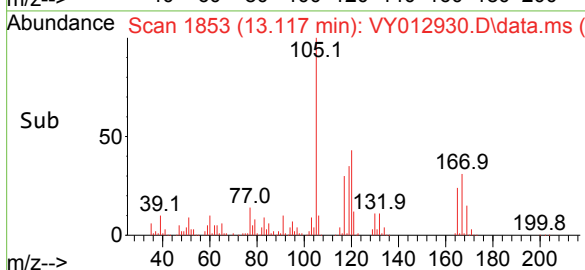
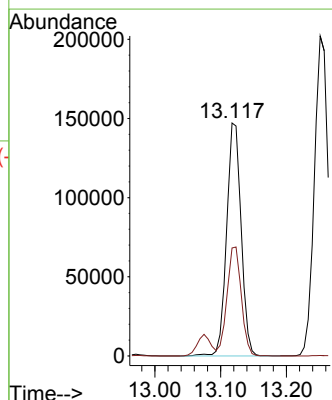
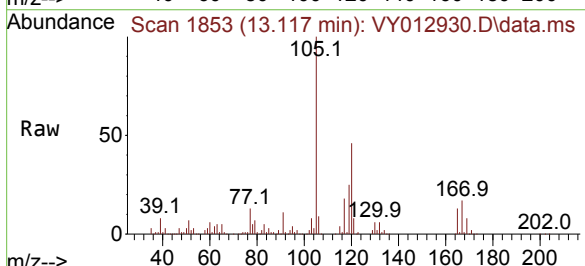
Acq: 13 Mar 2023 17:06

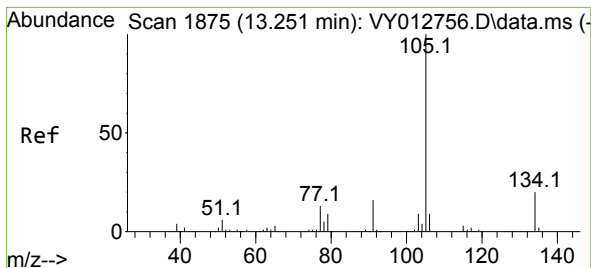
Tgt Ion:105 Resp: 225875

Ion Ratio Lower Upper

105 100

120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 55.429 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

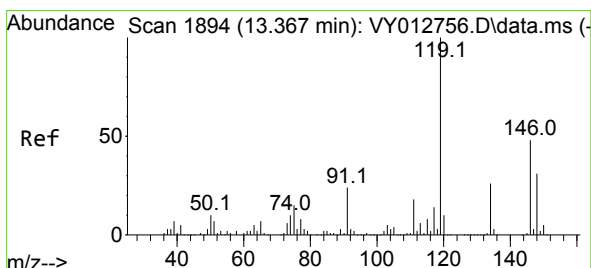
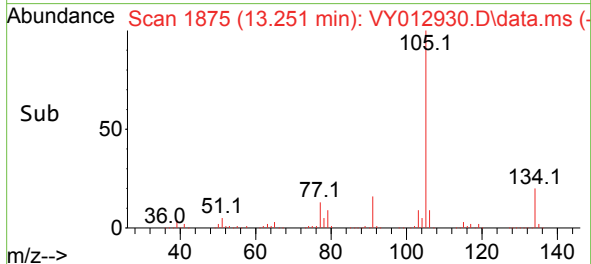
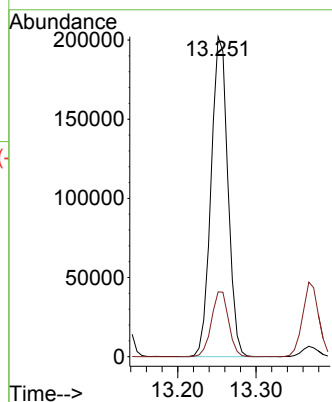
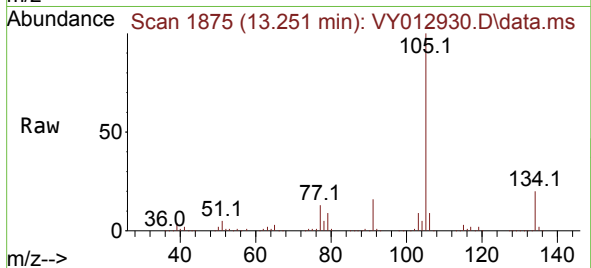
VSTDCCC050EC

Tgt Ion:105 Resp: 300631

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1



#86

p-Isopropyltoluene

Concen: 56.031 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

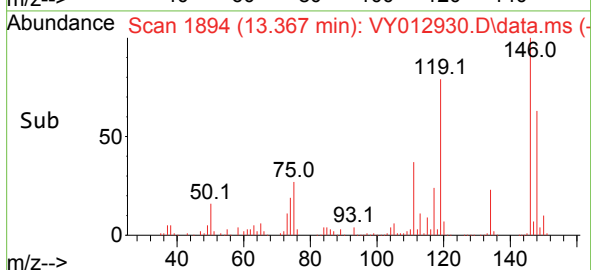
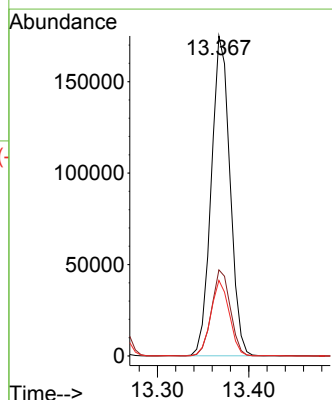
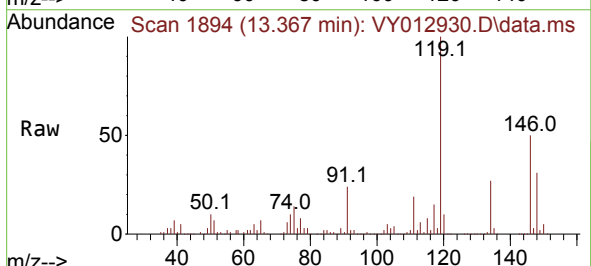
Tgt Ion:119 Resp: 248369

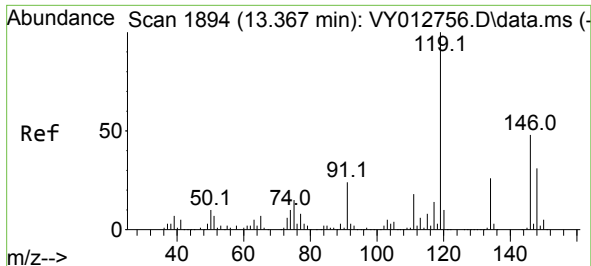
Ion Ratio Lower Upper

119 100

134 27.0 13.2 39.6

91 23.3 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 56.079 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

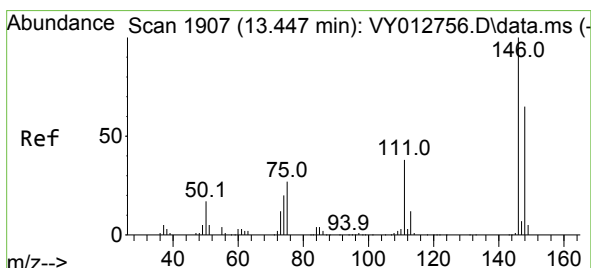
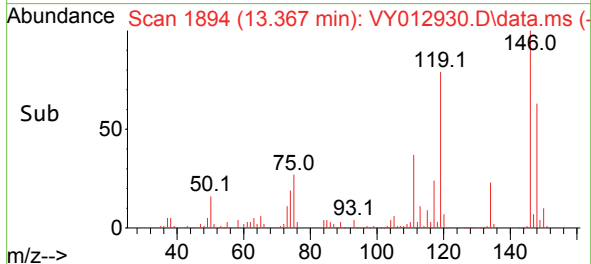
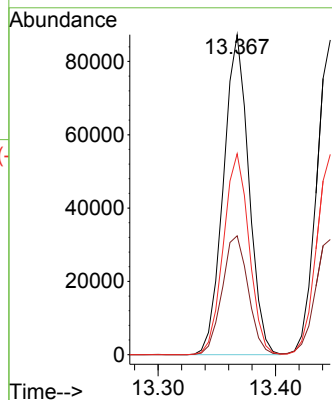
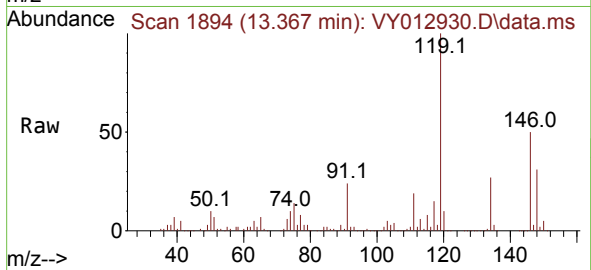
Tgt Ion:146 Resp: 131144

Ion Ratio Lower Upper

146 100

111 38.2 19.1 57.5

148 63.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 54.296 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

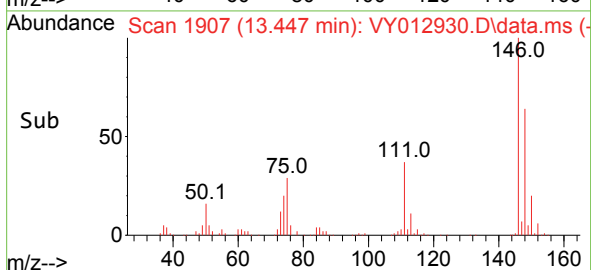
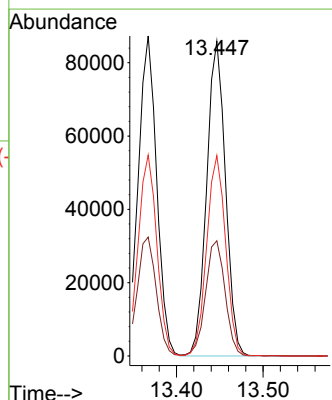
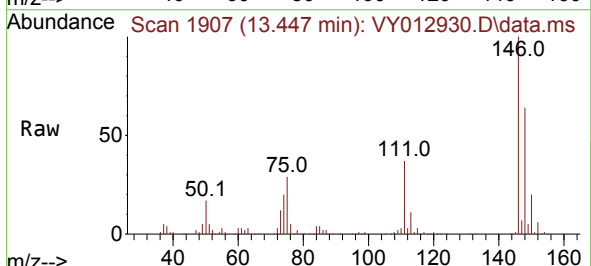
Tgt Ion:146 Resp: 129590

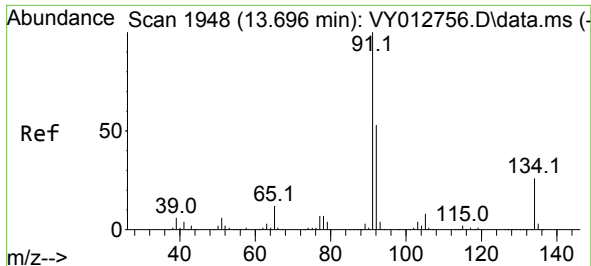
Ion Ratio Lower Upper

146 100

111 38.1 18.6 55.8

148 64.4 31.5 94.5

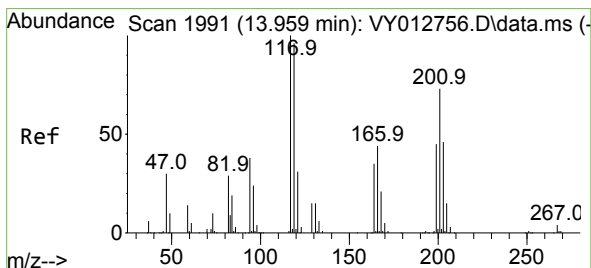
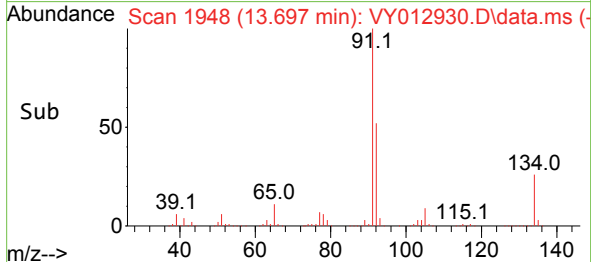
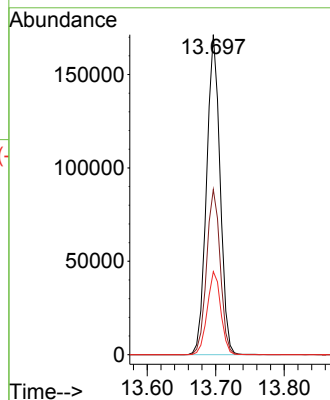
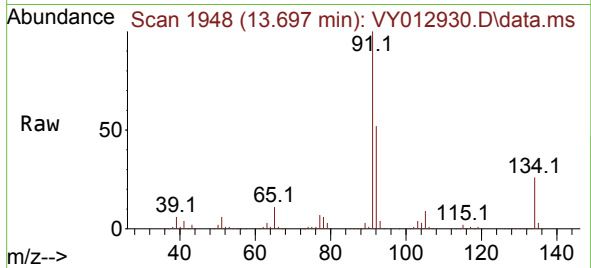




#89
n-Butylbenzene
Concen: 55.367 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

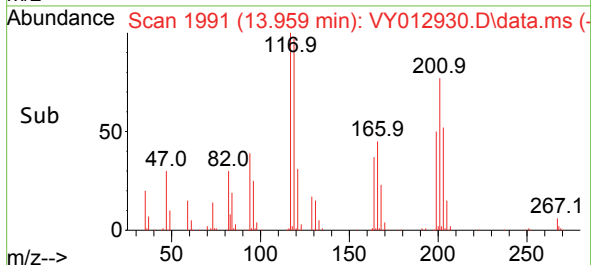
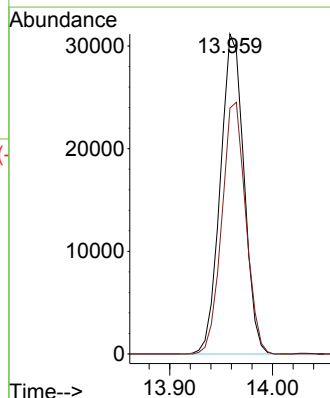
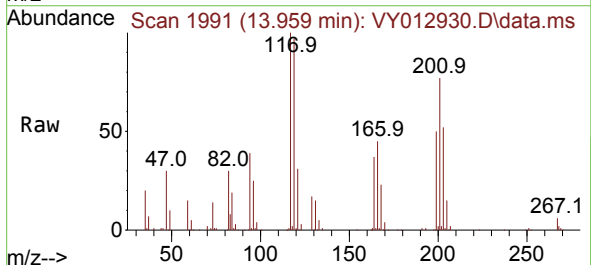
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

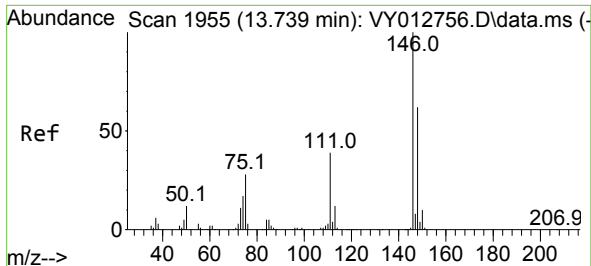
Tgt Ion: 91 Resp: 234952
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 26.1 13.0 38.9



#90
Hexachloroethane
Concen: 53.883 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY012930.D
Acq: 13 Mar 2023 17:06

Tgt Ion: 117 Resp: 49747
Ion Ratio Lower Upper
117 100
201 79.4 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 56.146 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

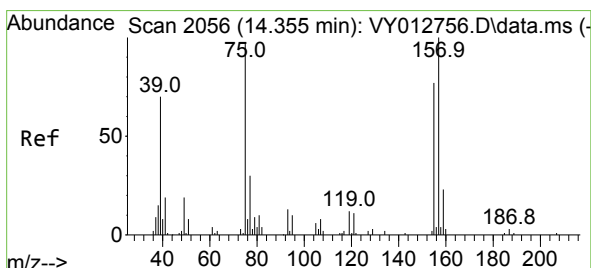
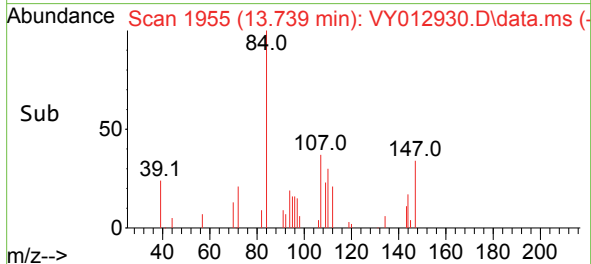
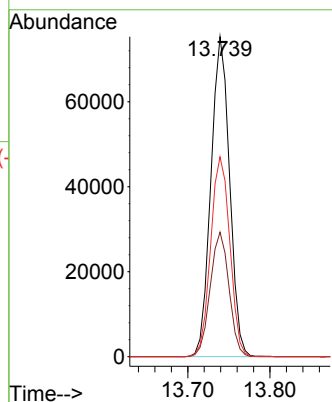
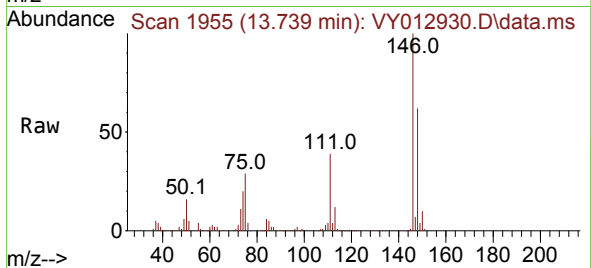
Tgt Ion:146 Resp: 118690

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.1

148 64.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.730 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

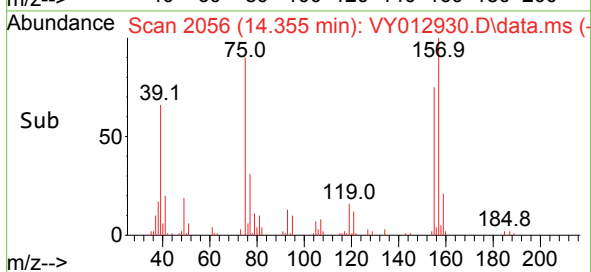
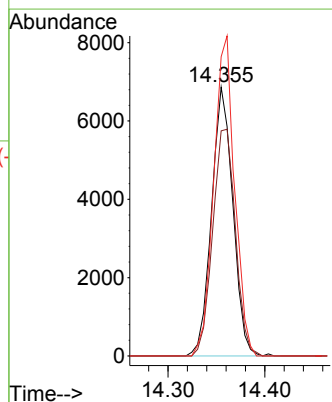
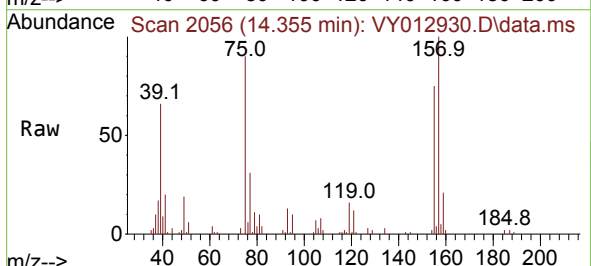
Tgt Ion: 75 Resp: 10468

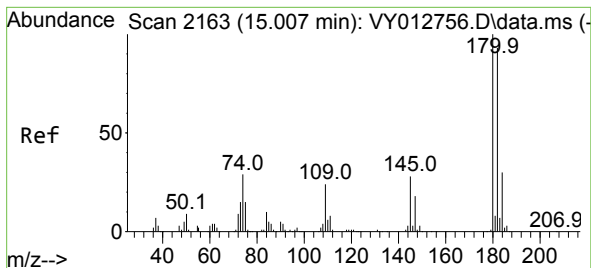
Ion Ratio Lower Upper

75 100

155 89.9 43.8 131.4

157 116.8 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 56.460 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

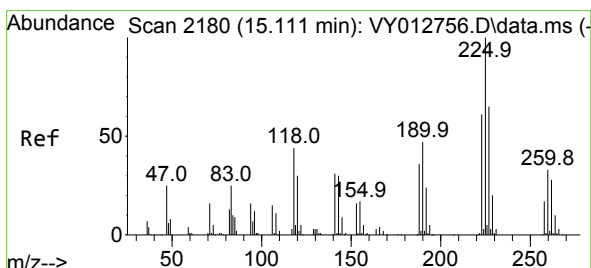
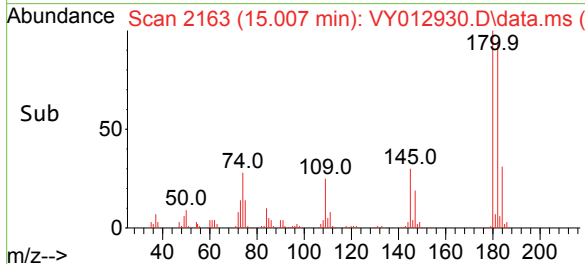
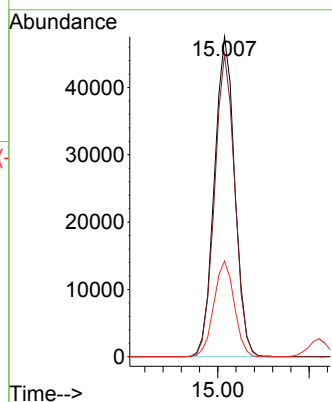
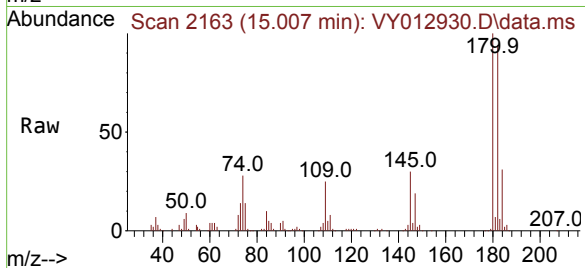
Tgt Ion:180 Resp: 73486

Ion Ratio Lower Upper

180 100

182 94.1 46.7 140.1

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 54.721 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

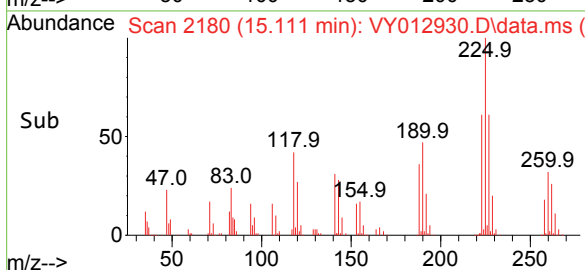
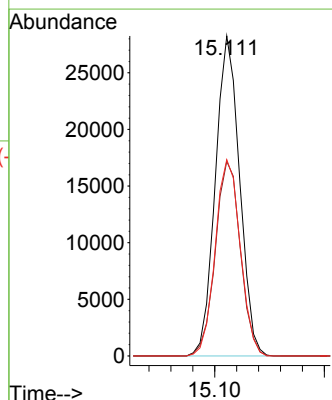
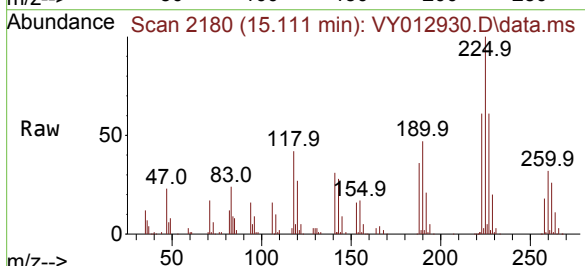
Tgt Ion:225 Resp: 43441

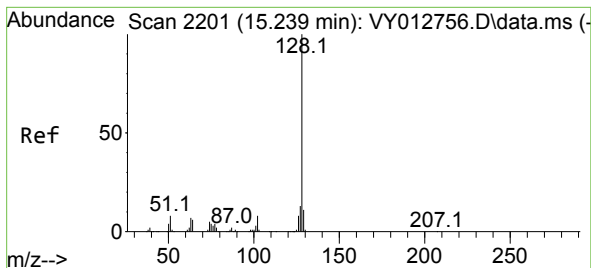
Ion Ratio Lower Upper

225 100

223 62.6 31.1 93.3

227 63.2 32.4 97.0





#95

Naphthalene

Concen: 60.367 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

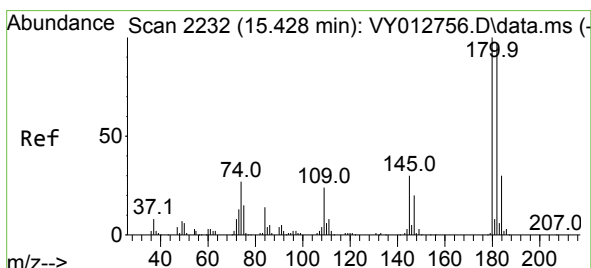
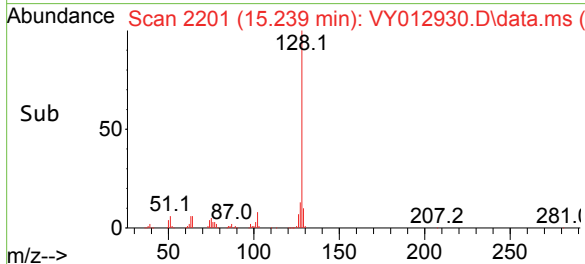
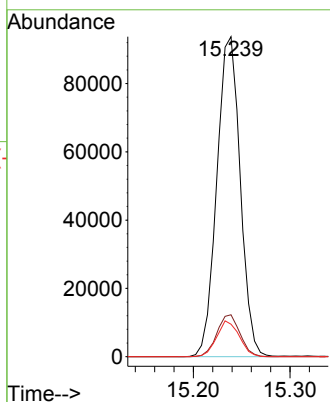
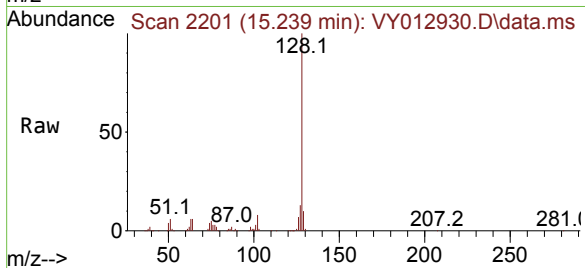
Tgt Ion:128 Resp: 157451

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 56.788 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY012930.D

Acq: 13 Mar 2023 17:06

Tgt Ion:180 Resp: 65737

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 31.4 15.3 45.8

