

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012982.D
 Acq On : 16 Mar 2023 19:49
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 17 01:40:20 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	41391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	63127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	59212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	31293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	20005	48.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.360%
35) Dibromofluoromethane	7.709	113	18809	49.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.740%
50) Toluene-d8	10.178	98	61449	44.121	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.240%
62) 4-Bromofluorobenzene	12.477	95	23169	49.286	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.580%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.905	85	17485	42.859	ug/l	99
3) Chloromethane	2.113	50	20584	42.204	ug/l	96
4) Vinyl Chloride	2.247	62	19656	43.949	ug/l	99
5) Bromomethane	2.649	94	14224	52.341	ug/l	98
6) Chloroethane	2.796	64	13147	49.084	ug/l	98
7) Trichlorofluoromethane	3.125	101	37229	50.119	ug/l	98
8) Diethyl Ether	3.527	74	14237	54.693	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.893	101	22416	50.158	ug/l	98
10) Methyl Iodide	4.088	142	23938	41.109	ug/l	98
11) Tert butyl alcohol	4.948	59	16600	360.117	ug/l	99
12) 1,1-Dichloroethene	3.875	96	20904	49.044	ug/l	96
13) Acrolein	3.728	56	16630	230.973	ug/l	98
14) Allyl chloride	4.478	41	39011	49.548	ug/l	98
15) Acrylonitrile	5.161	53	44936	327.625	ug/l	100
16) Acetone	3.942	43	46690	289.453	ug/l	98
17) Carbon Disulfide	4.192	76	60397	41.629	ug/l	98
18) Methyl Acetate	4.472	43	30902	64.331	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	64448	58.539	ug/l	99
20) Methylene Chloride	4.710	84	28904	59.771	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	23638	51.033	ug/l	99
22) Diisopropyl ether	6.118	45	81799	57.201	ug/l	99
23) Vinyl Acetate	6.057	43	266060	299.435	ug/l	100
24) 1,1-Dichloroethane	6.014	63	44234	54.283	ug/l	98
25) 2-Butanone	6.978	43	64606	323.371	ug/l	98
26) 2,2-Dichloropropane	6.978	77	37179	51.370	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	27173	54.718	ug/l	99
28) Bromochloromethane	7.331	49	16182	54.340	ug/l	99
29) Tetrahydrofuran	7.344	42	40506	336.158	ug/l	97
30) Chloroform	7.502	83	46897	58.264	ug/l	97
31) Cyclohexane	7.782	56	34849	44.277	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	39632	54.447	ug/l	99
36) 1,1-Dichloropropene	7.917	75	32799	51.375	ug/l	99
37) Ethyl Acetate	7.075	43	26945	66.963	ug/l	99
38) Carbon Tetrachloride	7.898	117	36695	55.660	ug/l	99
39) Methylcyclohexane	9.179	83	35827	47.203	ug/l	98
40) Benzene	8.154	78	97066	53.749	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	37262	171.876	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	32243	59.385	ug/l	100
43) Isopropyl Acetate	8.270	43	45494	63.370	ug/l	100
44) Trichloroethene	8.935	130	25828	54.245	ug/l	92
45) 1,2-Dichloropropane	9.215	63	26008	56.985	ug/l	97
46) Dibromomethane	9.300	93	16232	62.427	ug/l	98
47) Bromodichloromethane	9.496	83	36677	59.858	ug/l	98
48) Methyl methacrylate	9.288	41	20215	61.110	ug/l	93
49) 1,4-Dioxane	9.288	88	5077	1510.410	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	133904	343.854	ug/l	100
52) Toluene	10.239	92	60330	55.393	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	37716	58.684	ug/l	97
54) cis-1,3-Dichloropropene	9.922	75	42315	58.169	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	22844	63.086	ug/l	97
56) Ethyl methacrylate	10.508	69	29767	61.651	ug/l	99
57) 1,3-Dichloropropane	10.788	76	38264	62.040	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	81436	321.288	ug/l	98
59) 2-Hexanone	10.831	43	97445	344.299	ug/l	99
60) Dibromochloromethane	10.983	129	27070	61.413	ug/l	100
61) 1,2-Dibromoethane	11.087	107	21497	61.628	ug/l	99
64) Tetrachloroethene	10.715	164	23213	53.845	ug/l	98
65) Chlorobenzene	11.514	112	65472	52.685	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	25715	55.921	ug/l	98
67) Ethyl Benzene	11.593	91	114150	52.245	ug/l	100
68) m/p-Xylenes	11.702	106	88958	105.837	ug/l	99
69) o-Xylene	12.026	106	41763	53.239	ug/l	100
70) Styrene	12.044	104	72700	55.536	ug/l	99
71) Bromoform	12.208	173	18563	61.914	ug/l #	97
73) Isopropylbenzene	12.330	105	112596	50.770	ug/l	99
74) N-amyl acetate	12.141	43	37613	53.903	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.580	83	29891	59.957	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	37541	100.461	ug/l #	100
77) Bromobenzene	12.611	156	28096	52.149	ug/l	98
78) n-propylbenzene	12.672	91	140535	51.398	ug/l	100
79) 2-Chlorotoluene	12.757	91	77639	51.090	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	94876	51.838	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	9960	55.226	ug/l	97
82) 4-Chlorotoluene	12.855	91	81227	51.636	ug/l	99
83) tert-Butylbenzene	13.074	119	82792	52.410	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	93545	52.269	ug/l	99
85) sec-Butylbenzene	13.251	105	125333	52.006	ug/l	100
86) p-Isopropyltoluene	13.367	119	101706	51.637	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	55937	53.832	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	55049	51.908	ug/l	99
89) n-Butylbenzene	13.696	91	95176	50.476	ug/l	98
90) Hexachloroethane	13.958	117	21343	52.027	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	50831	54.115	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	4878	60.543	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	27442	47.450	ug/l	99
94) Hexachlorobutadiene	15.110	225	17400	49.328	ug/l	98
95) Naphthalene	15.232	128	57560	49.666	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	24591	47.809	ug/l	98

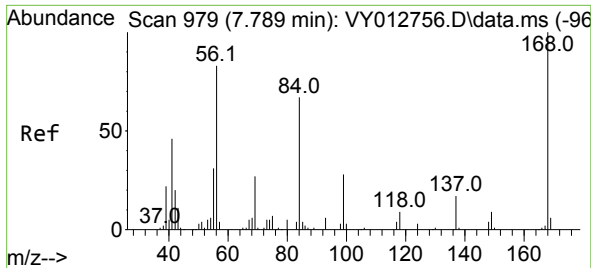
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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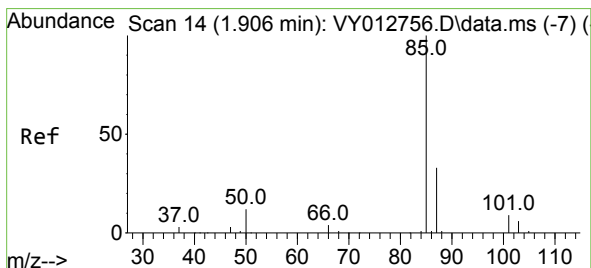
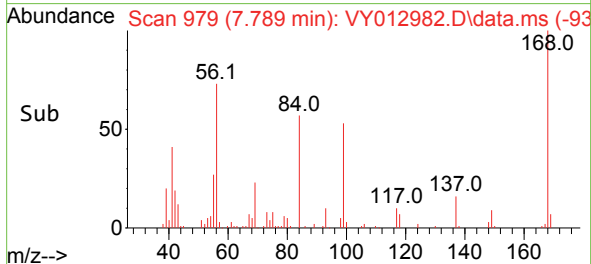
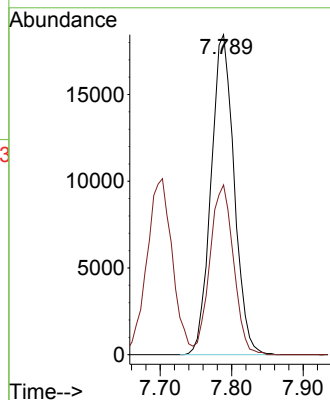
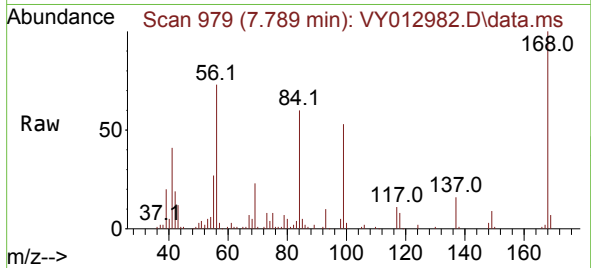
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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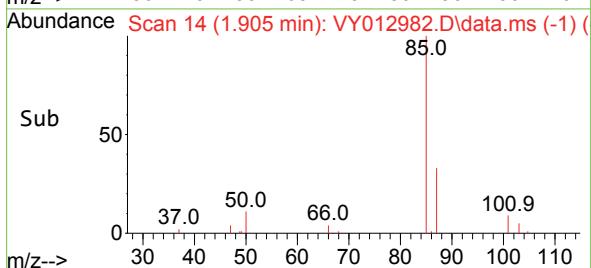
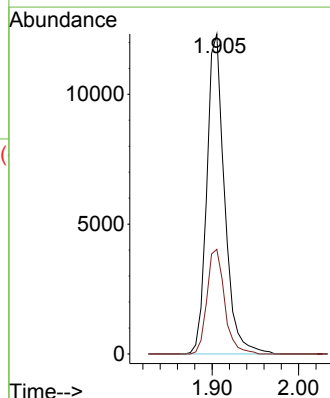
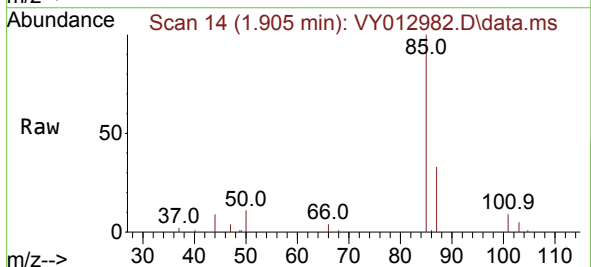
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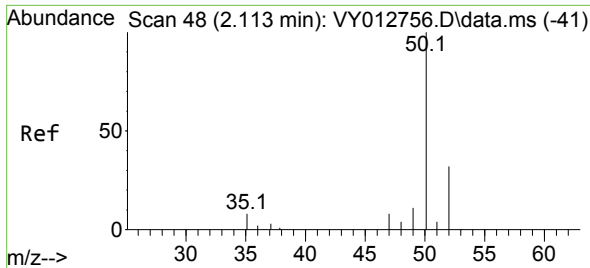
Tgt Ion:168 Resp: 41391
Ion Ratio Lower Upper
168 100
99 53.1 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 42.859 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.001 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 85 Resp: 17485
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.0

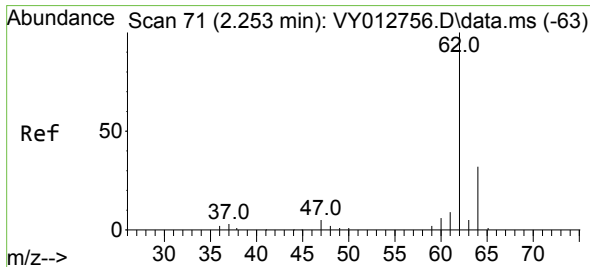
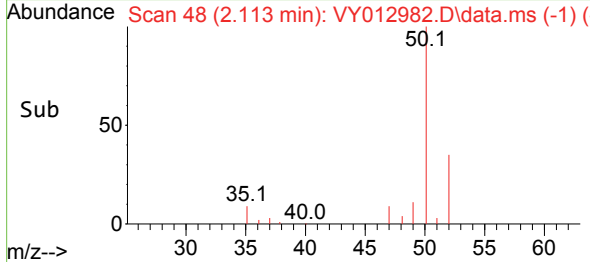
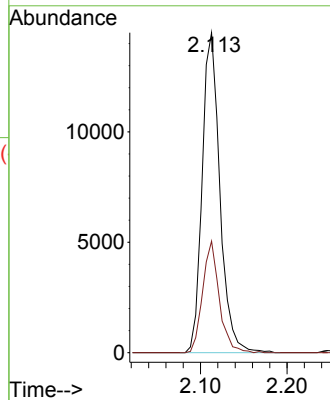
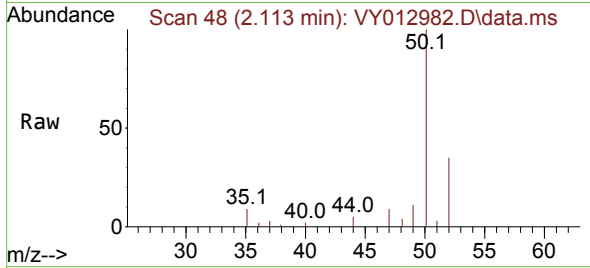




#3
Chloromethane
Concen: 42.204 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

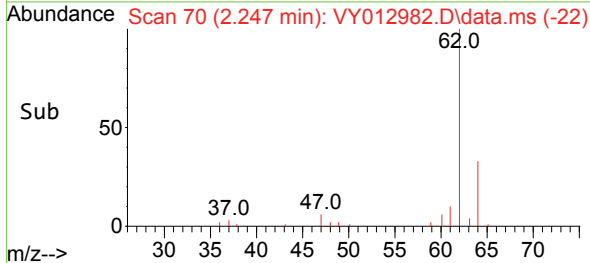
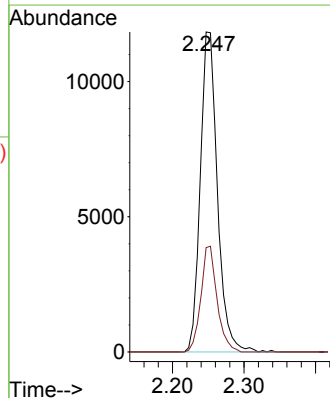
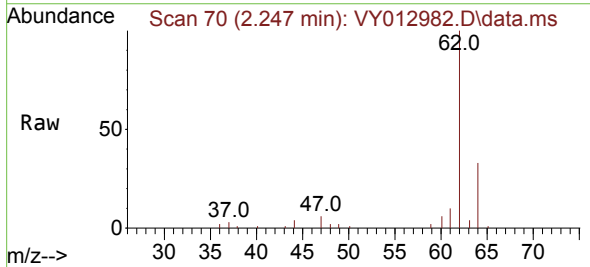
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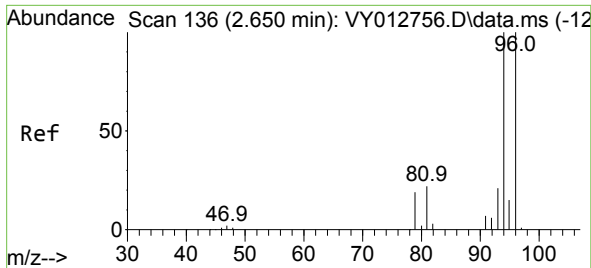
Tgt Ion: 50 Resp: 20584
Ion Ratio Lower Upper
50 100
52 34.8 26.0 39.0



#4
Vinyl Chloride
Concen: 43.949 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 62 Resp: 19656
Ion Ratio Lower Upper
62 100
64 32.6 25.6 38.4

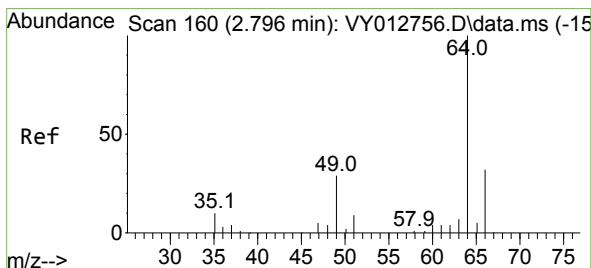
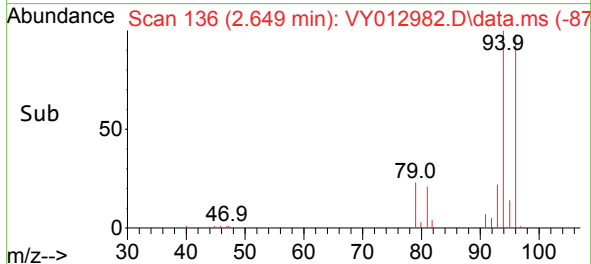
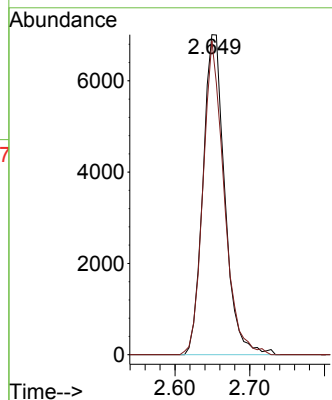
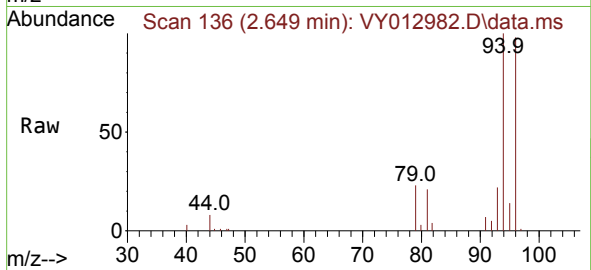




#5
Bromomethane
Concen: 52.341 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

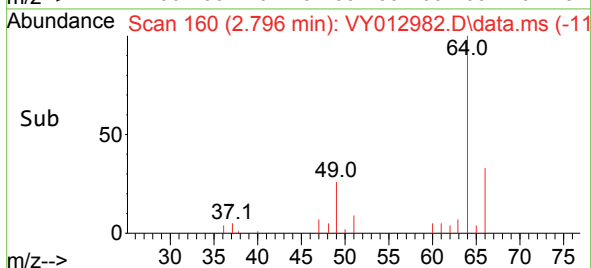
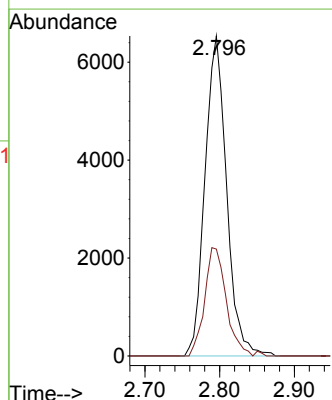
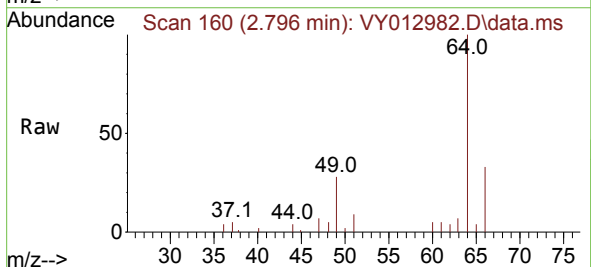
Instrument :
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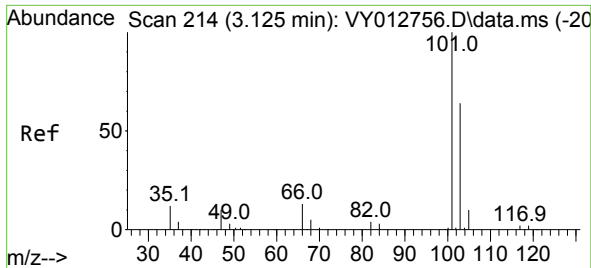
Tgt Ion: 94 Resp: 14224
Ion Ratio Lower Upper
94 100
96 98.1 80.3 120.5



#6
Chloroethane
Concen: 49.084 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 64 Resp: 13147
Ion Ratio Lower Upper
64 100
66 33.4 25.7 38.5

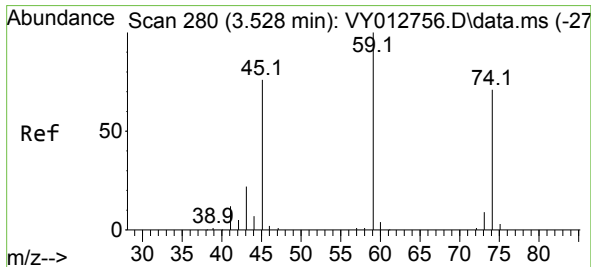
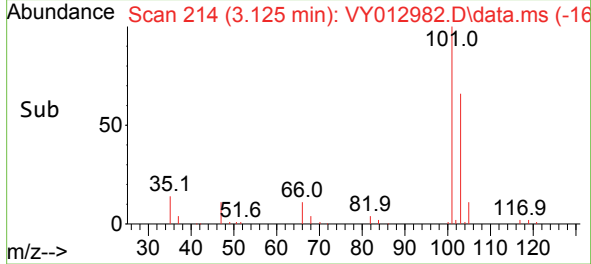
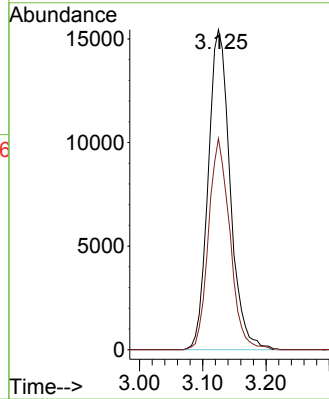
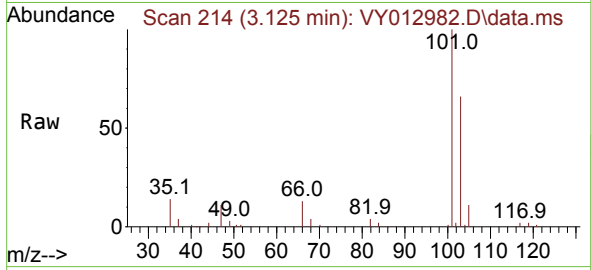




#7
 Trichlorofluoromethane
 Concen: 50.119 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VY012982.D
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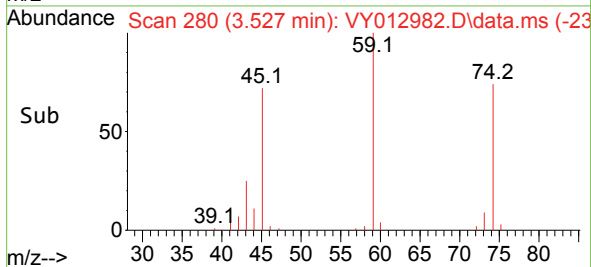
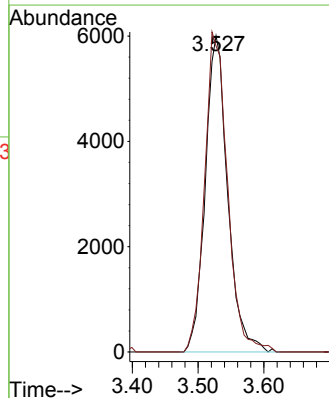
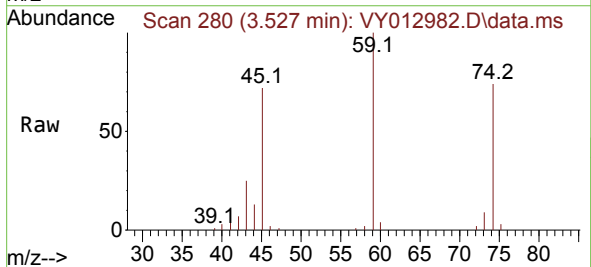
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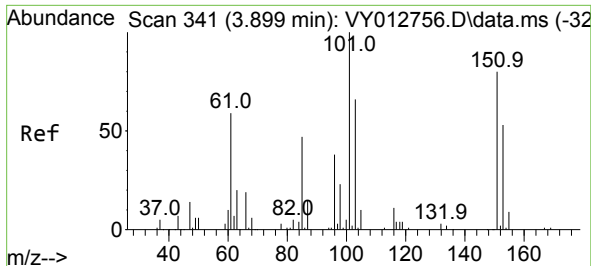
Tgt Ion:101 Resp: 37229
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.5 77.3



#8
 Diethyl Ether
 Concen: 54.693 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.001 min
 Lab File: VY012982.D
 Acq: 16 Mar 2023 19:49

Tgt Ion: 74 Resp: 14237
 Ion Ratio Lower Upper
 74 100
 45 103.5 52.1 156.4

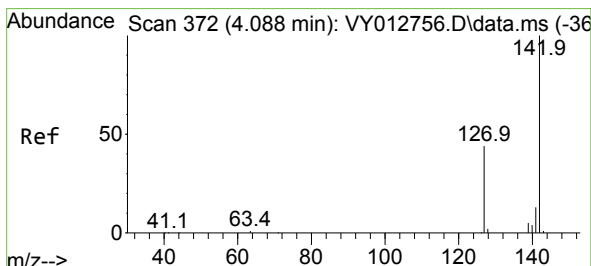
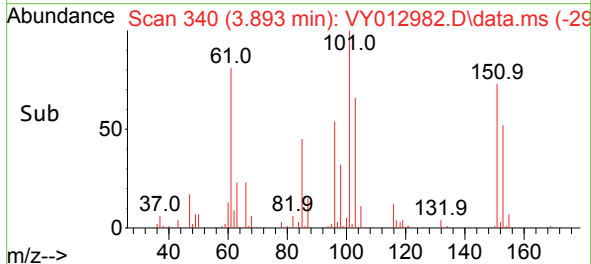
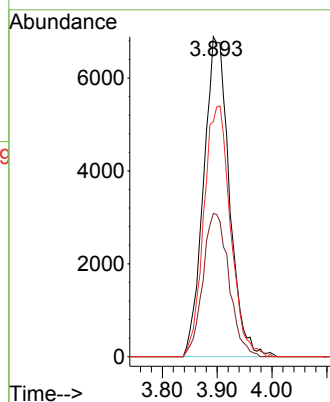
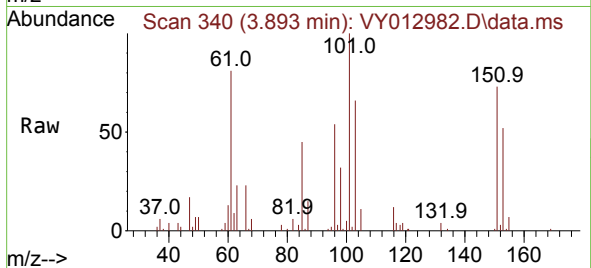




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.158 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
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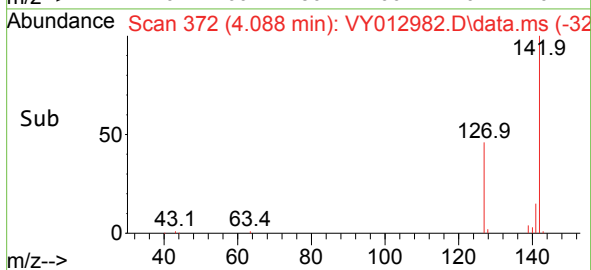
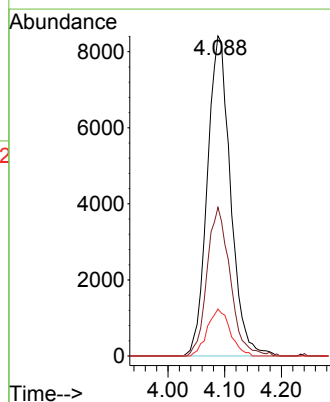
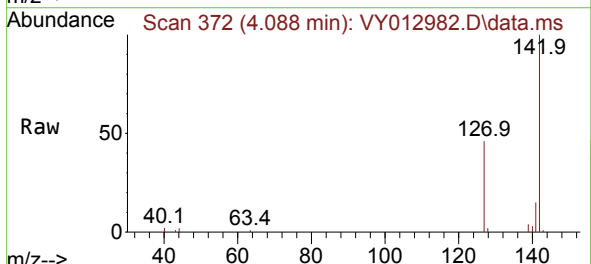
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ClientSampleId :
VSTDCCC050EC

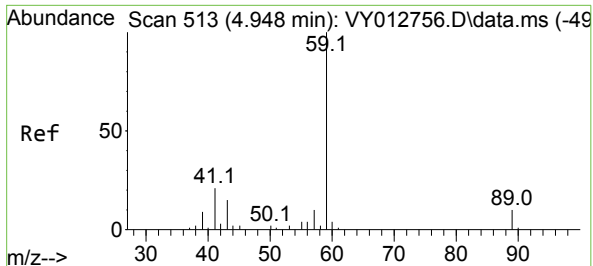
Tgt Ion:101 Resp: 22416
Ion Ratio Lower Upper
101 100
85 45.3 35.3 52.9
151 81.0 63.1 94.7



#10
Methyl Iodide
Concen: 41.109 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion:142 Resp: 23938
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.2
141 14.4 11.3 16.9

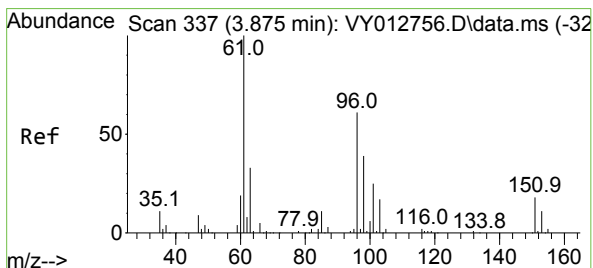
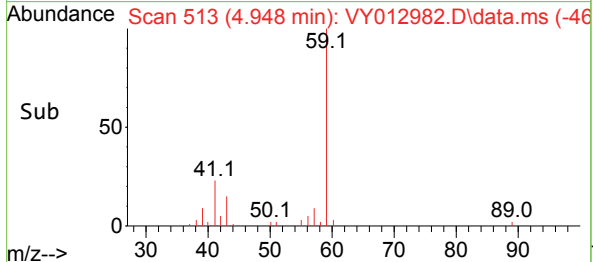
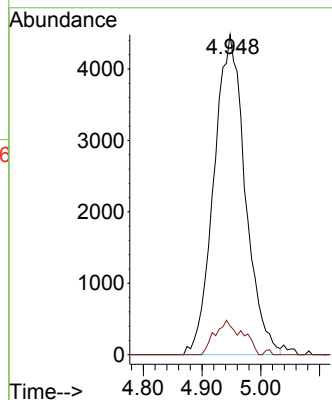
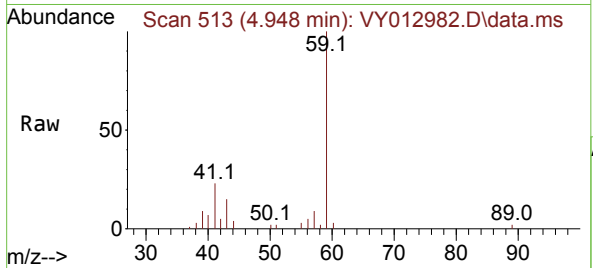




#11
Tert butyl alcohol
Concen: 360.117 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

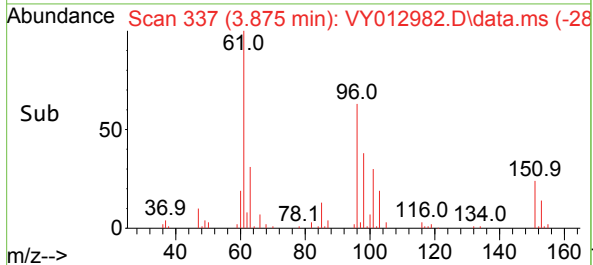
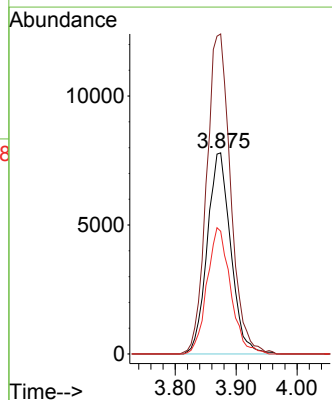
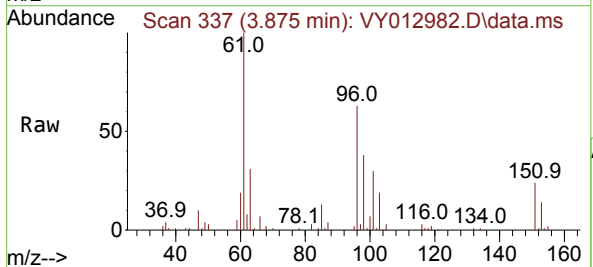
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

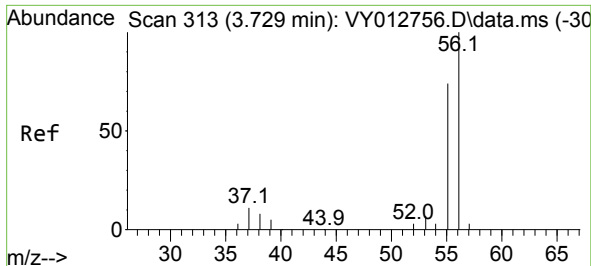
Tgt Ion: 59 Resp: 16600
Ion Ratio Lower Upper
59 100
57 9.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 49.044 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 96 Resp: 20904
Ion Ratio Lower Upper
96 100
61 159.1 131.7 197.5
98 61.0 52.0 78.0





#13

Acrolein

Concen: 230.973 ug/l

RT: 3.728 min Scan# 313

Delta R.T. -0.001 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

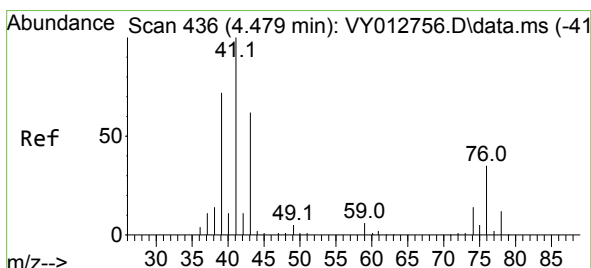
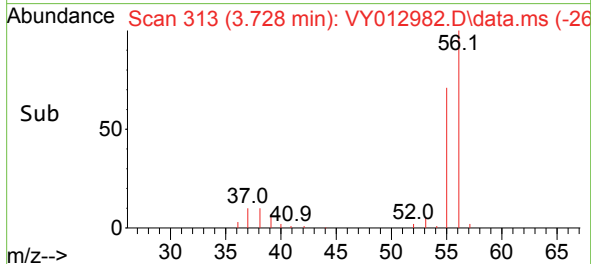
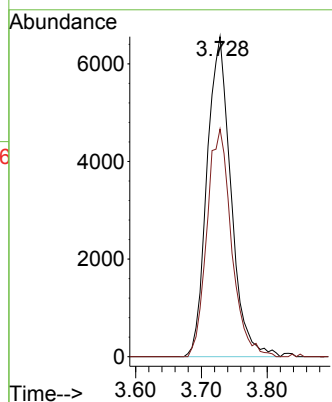
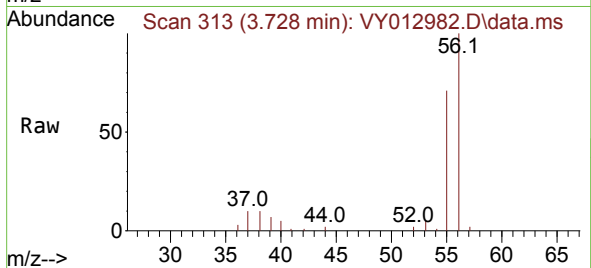
VSTDCCC050EC

Tgt Ion: 56 Resp: 16630

Ion Ratio Lower Upper

56 100

55 73.0 56.8 85.2



#14

Allyl chloride

Concen: 49.548 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.001 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

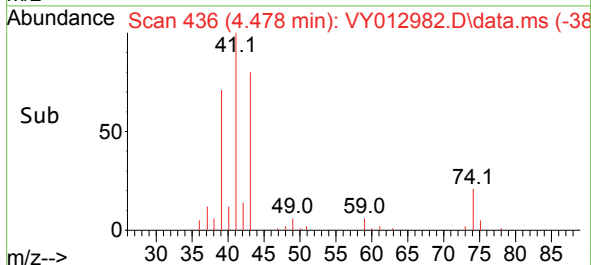
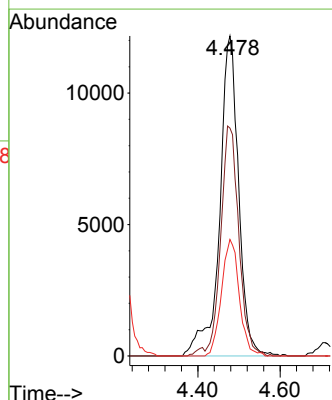
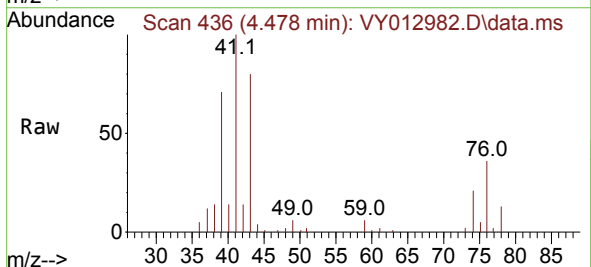
Tgt Ion: 41 Resp: 39011

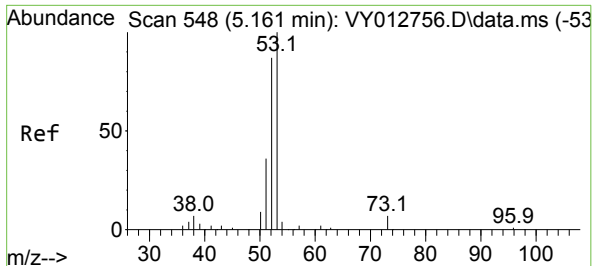
Ion Ratio Lower Upper

41 100

39 69.0 53.6 80.4

76 34.2 27.2 40.8

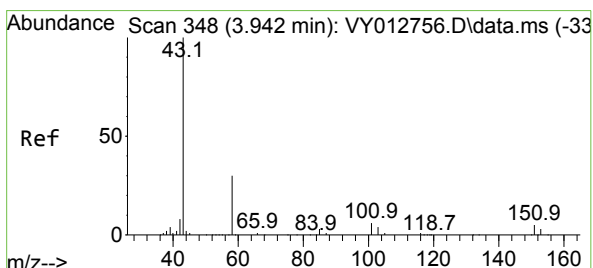
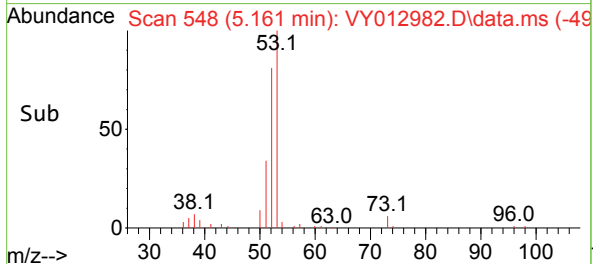
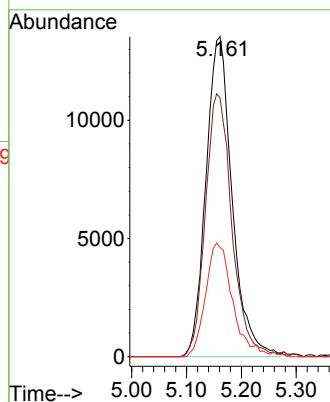
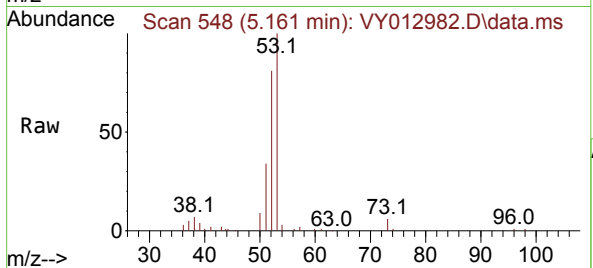




#15
Acrylonitrile
Concen: 327.625 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

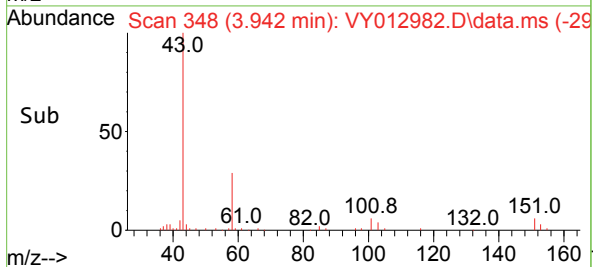
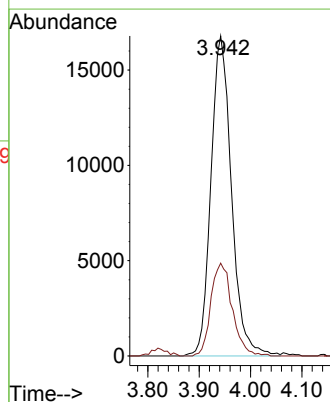
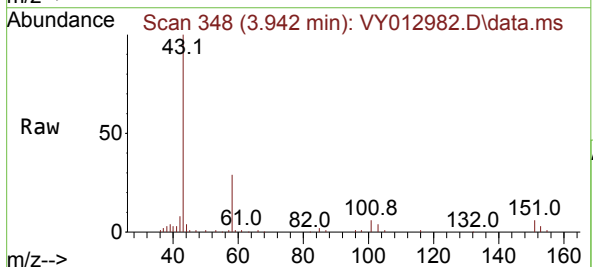
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

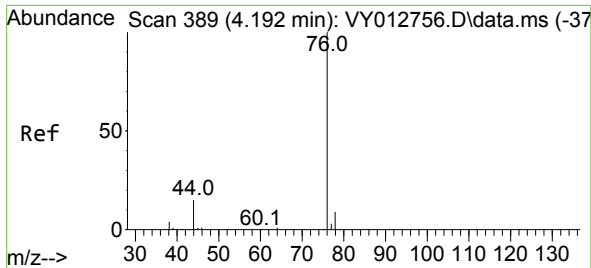
Tgt Ion: 53 Resp: 44936
Ion Ratio Lower Upper
53 100
52 83.2 66.3 99.5
51 36.5 28.8 43.2



#16
Acetone
Concen: 289.453 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 43 Resp: 46690
Ion Ratio Lower Upper
43 100
58 29.0 24.2 36.2

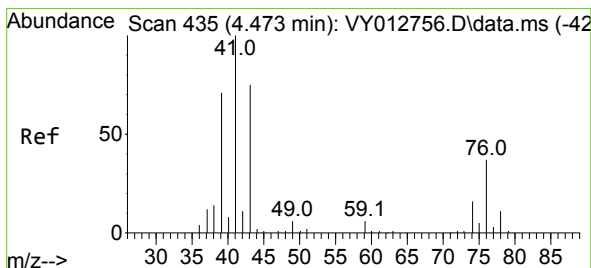
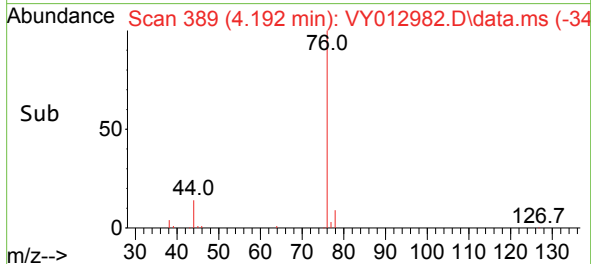
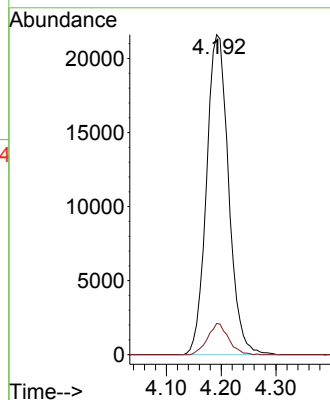
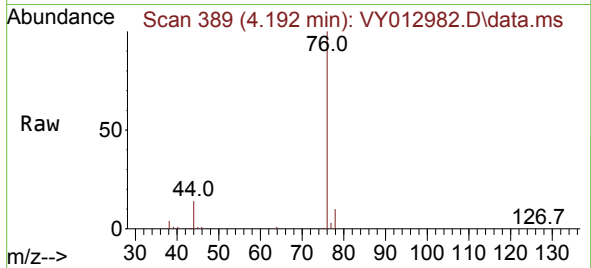




#17
Carbon Disulfide
Concen: 41.629 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

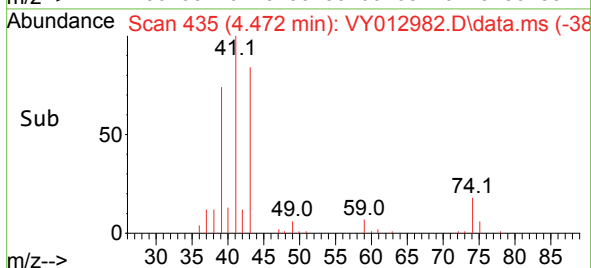
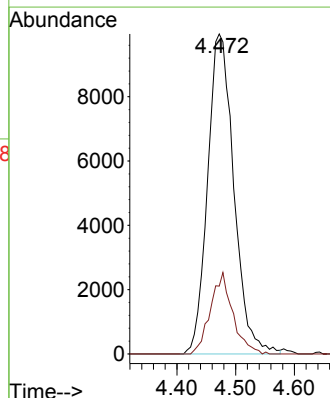
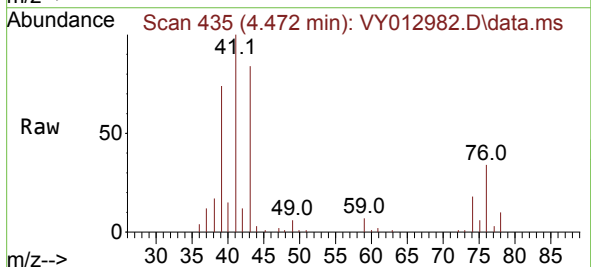
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

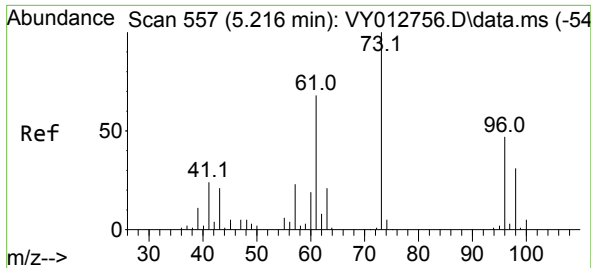
Tgt Ion: 76 Resp: 60397
Ion Ratio Lower Upper
76 100
78 9.8 7.1 10.7



#18
Methyl Acetate
Concen: 64.331 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 43 Resp: 30902
Ion Ratio Lower Upper
43 100
74 21.7 17.4 26.0

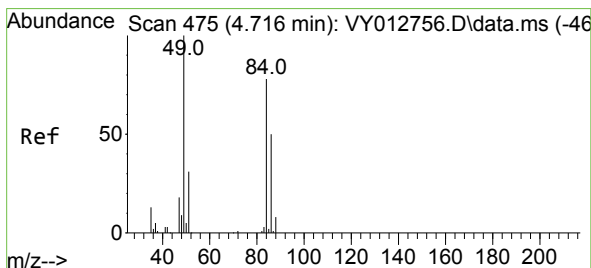
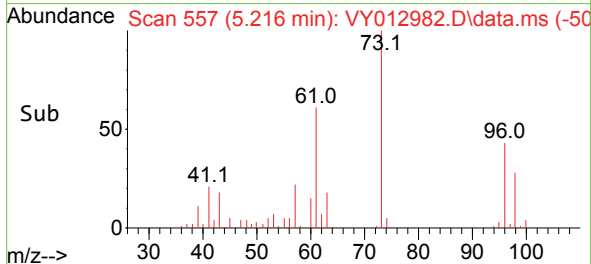
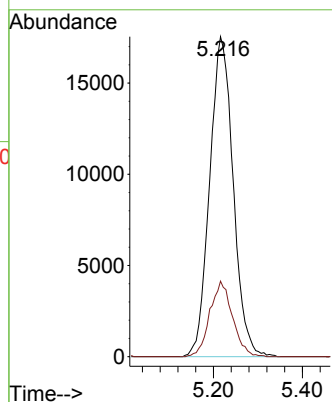
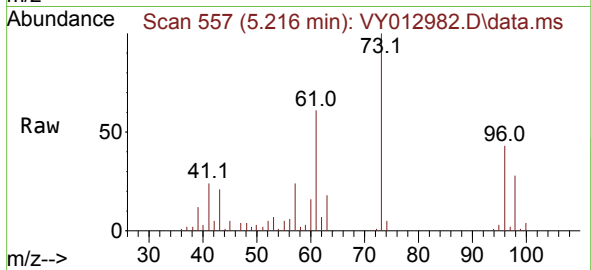




#19
Methyl tert-butyl Ether
Concen: 58.539 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

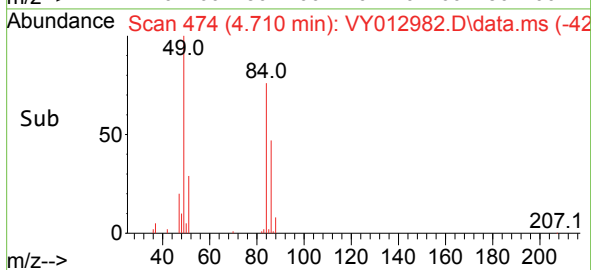
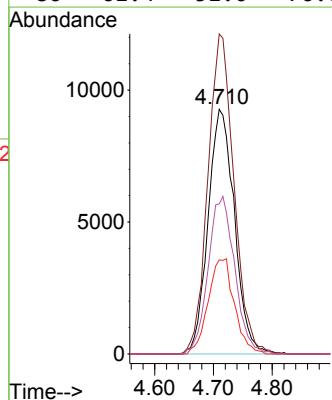
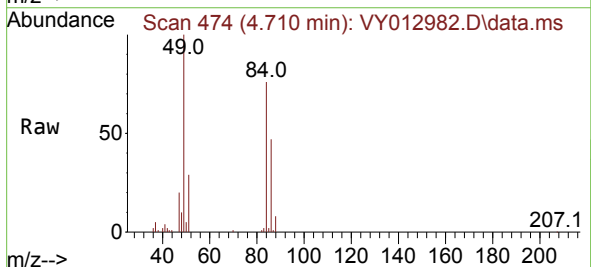
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

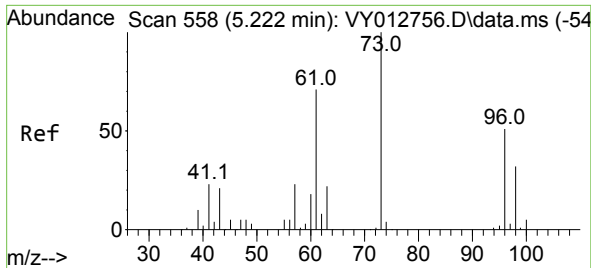
Tgt Ion: 73 Resp: 64448
Ion Ratio Lower Upper
73 100
57 23.6 18.3 27.5



#20
Methylene Chloride
Concen: 59.771 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 84 Resp: 28904
Ion Ratio Lower Upper
84 100
49 130.8 102.6 154.0
51 38.4 31.9 47.9
86 61.4 51.0 76.6

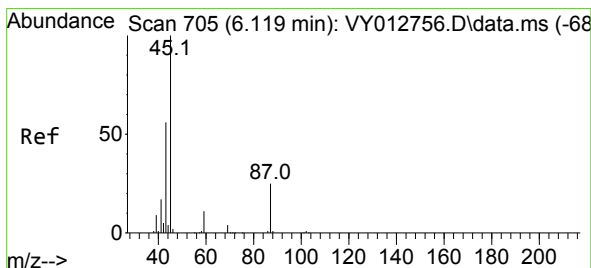
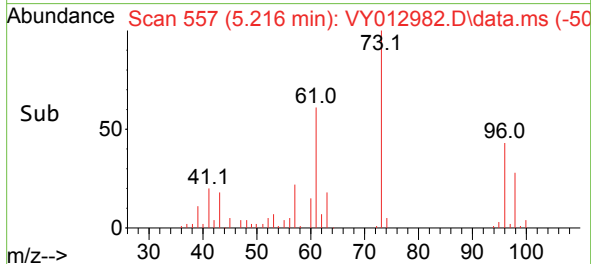
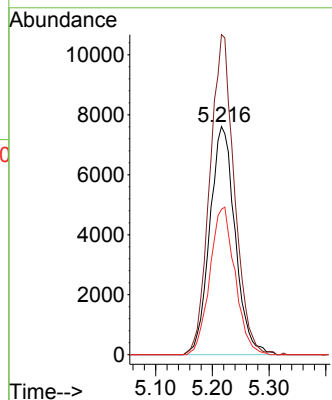
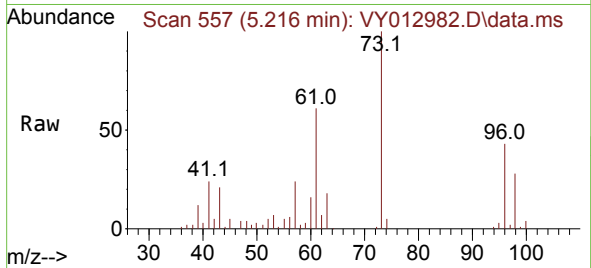




#21
trans-1,2-Dichloroethene
Concen: 51.033 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

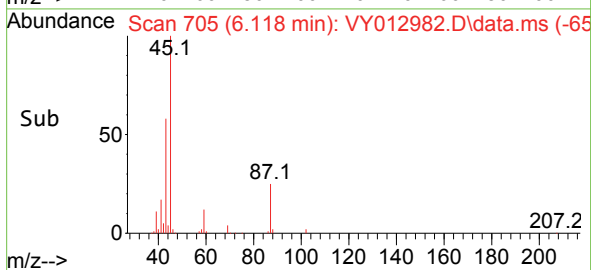
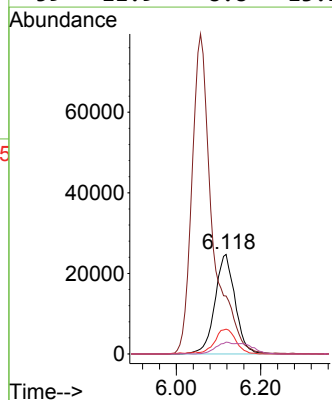
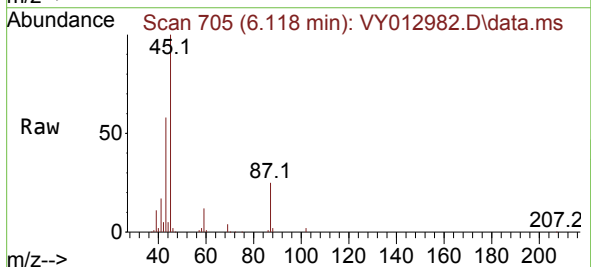
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

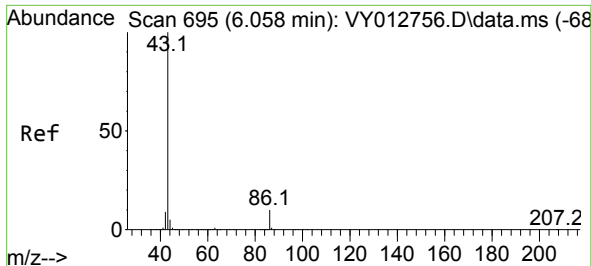
Tgt Ion: 96 Resp: 23638
Ion Ratio Lower Upper
96 100
61 140.2 111.4 167.0
98 63.7 50.8 76.2



#22
Diisopropyl ether
Concen: 57.201 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 45 Resp: 81799
Ion Ratio Lower Upper
45 100
43 57.5 45.0 67.6
87 25.0 20.3 30.5
59 11.9 8.8 13.2

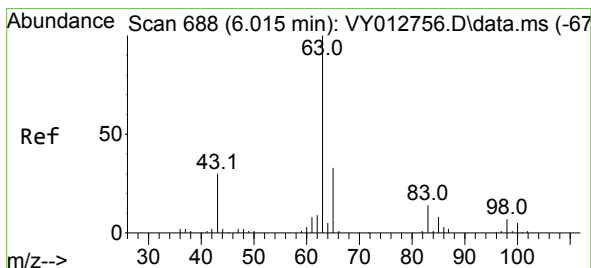
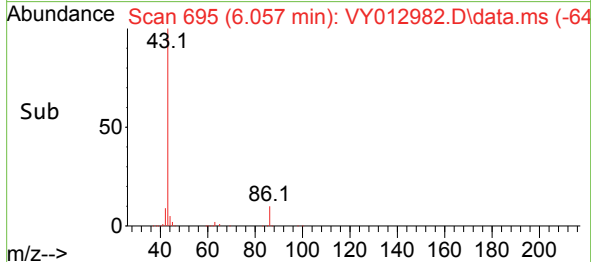
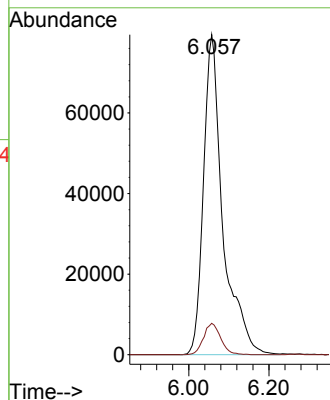
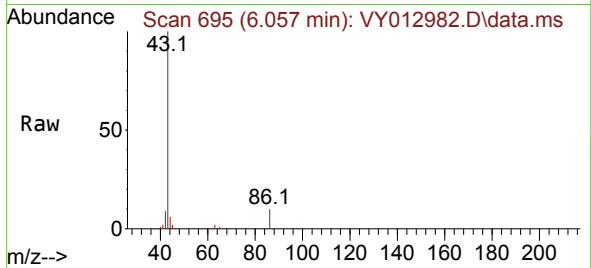




#23
 Vinyl Acetate
 Concen: 299.435 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.001 min
 Lab File: VY012982.D
 Acq: 16 Mar 2023 19:49

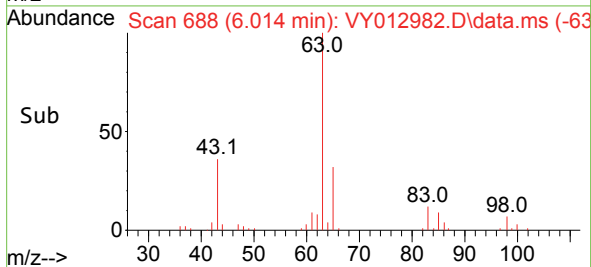
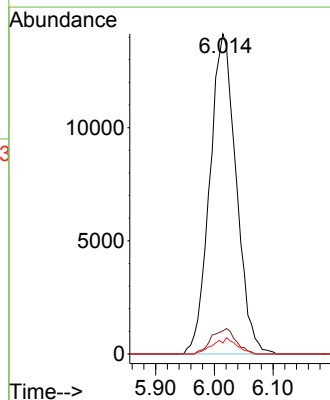
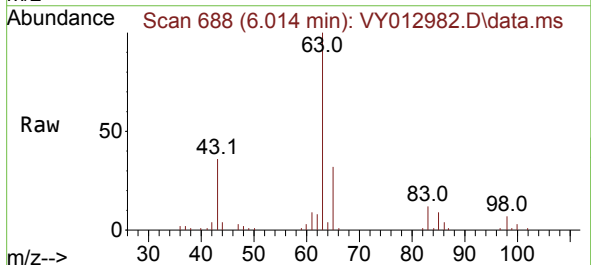
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

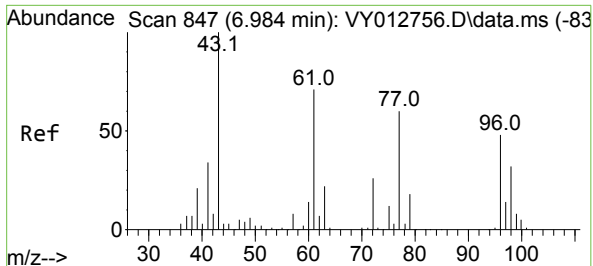
Tgt Ion: 43 Resp: 266060
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 54.283 ug/l
 RT: 6.014 min Scan# 688
 Delta R.T. -0.001 min
 Lab File: VY012982.D
 Acq: 16 Mar 2023 19:49

Tgt Ion: 63 Resp: 44234
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 3.4 2.3 6.8

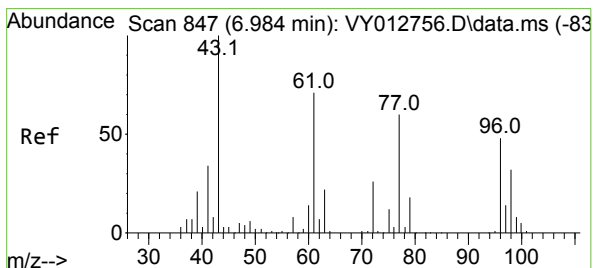
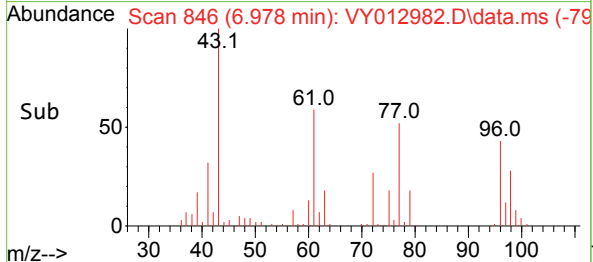
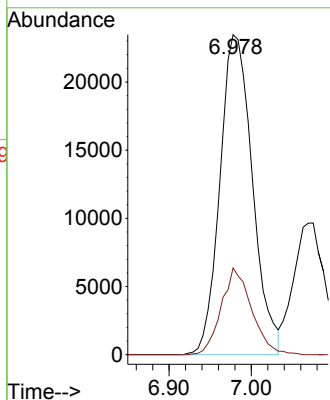
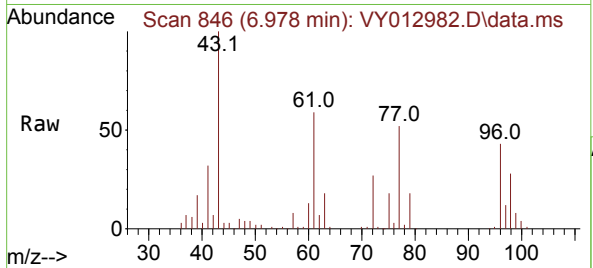




#25
2-Butanone
Concen: 323.371 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

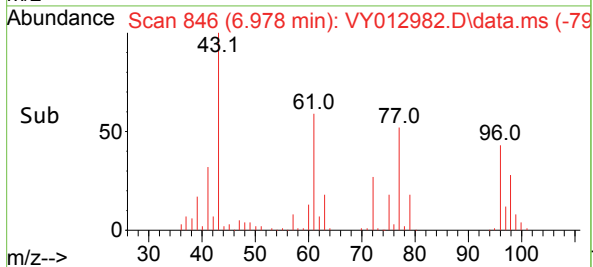
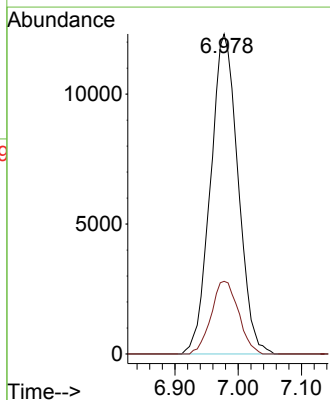
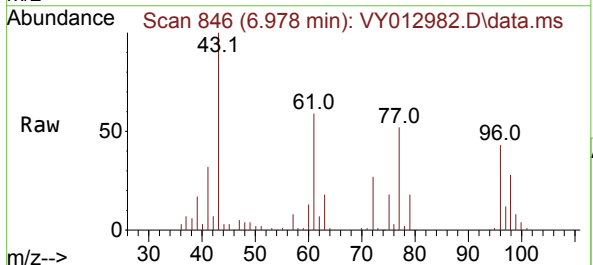
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

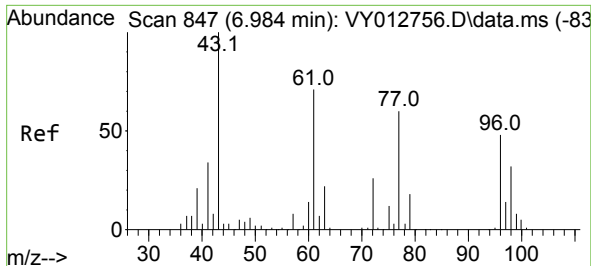
Tgt Ion: 43 Resp: 64606
Ion Ratio Lower Upper
43 100
72 27.1 21.0 31.4



#26
2,2-Dichloropropane
Concen: 51.370 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 77 Resp: 37179
Ion Ratio Lower Upper
77 100
97 22.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 54.718 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

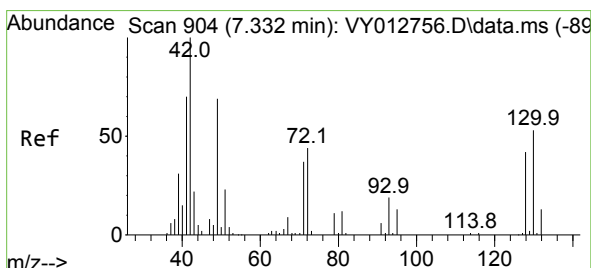
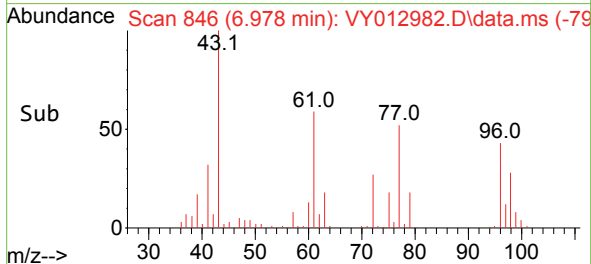
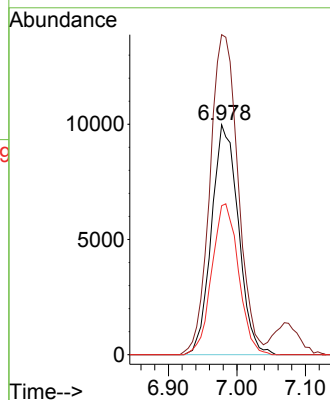
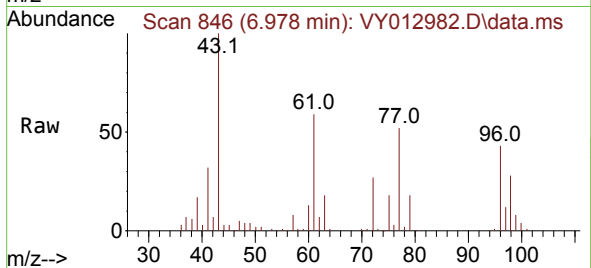
Tgt Ion: 96 Resp: 27173

Ion Ratio Lower Upper

96 100

61 145.9 0.0 295.8

98 65.3 0.0 130.2



#28

Bromochloromethane

Concen: 54.340 ug/l

RT: 7.331 min Scan# 904

Delta R.T. -0.001 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

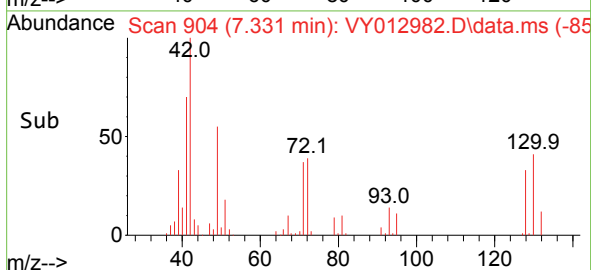
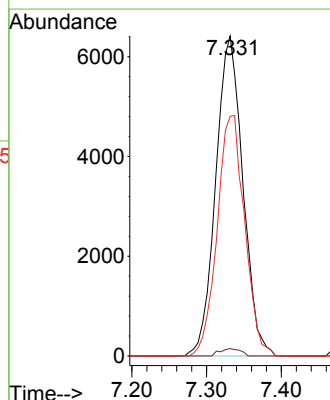
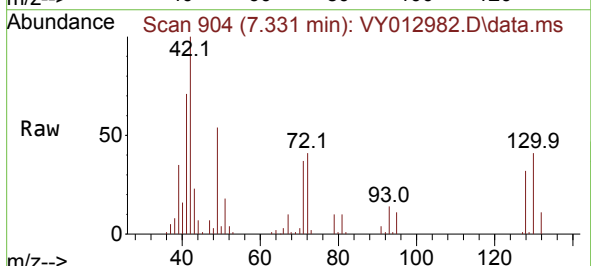
Tgt Ion: 49 Resp: 16182

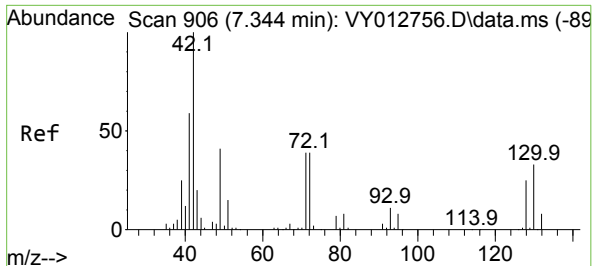
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.2

130 76.2 60.5 90.7





#29

Tetrahydrofuran

Concen: 336.158 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

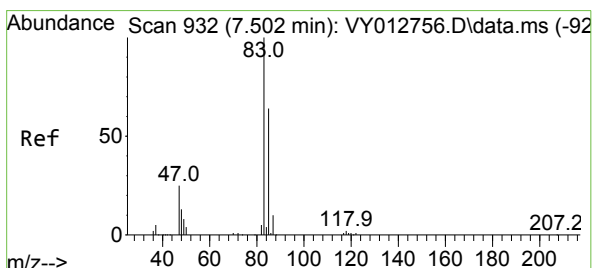
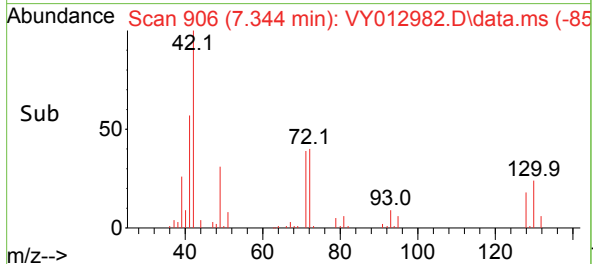
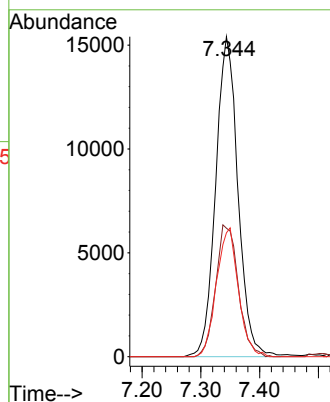
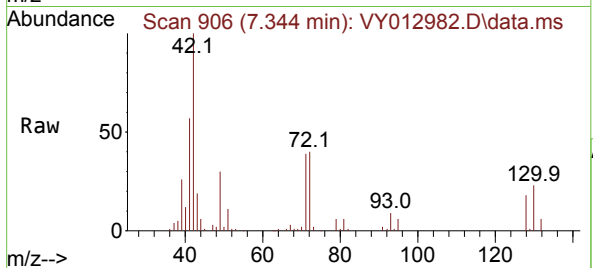
Tgt Ion: 42 Resp: 40506

Ion Ratio Lower Upper

42 100

72 41.8 32.3 48.5

71 39.6 30.3 45.5



#30

Chloroform

Concen: 58.264 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY012982.D

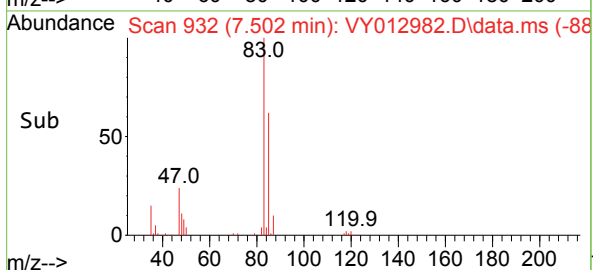
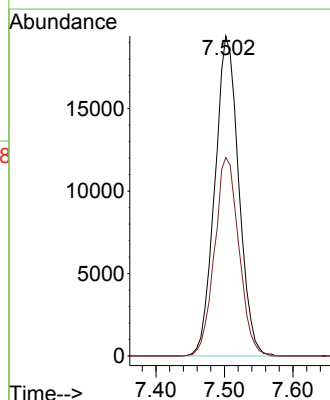
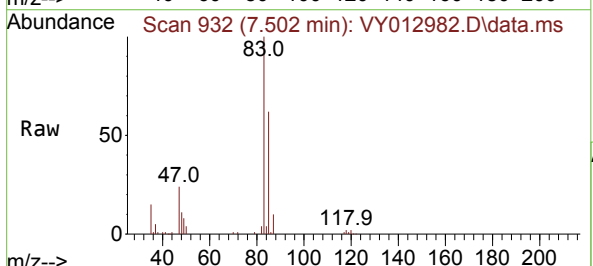
Acq: 16 Mar 2023 19:49

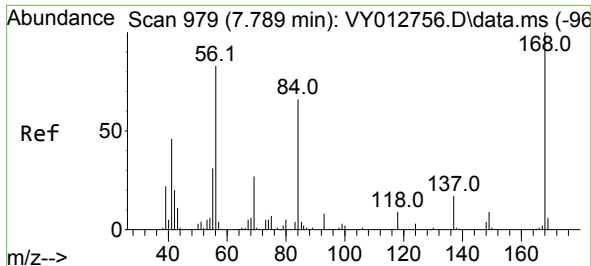
Tgt Ion: 83 Resp: 46897

Ion Ratio Lower Upper

83 100

85 62.0 51.4 77.0

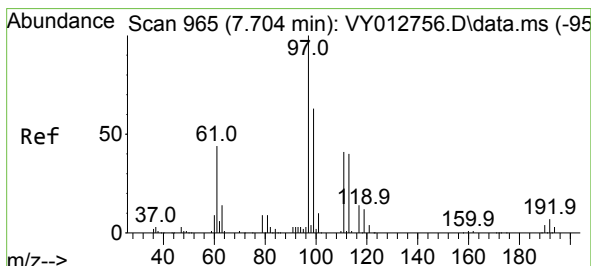
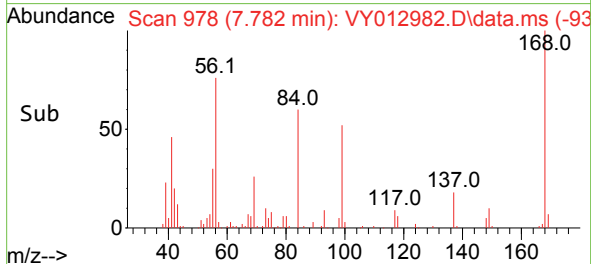
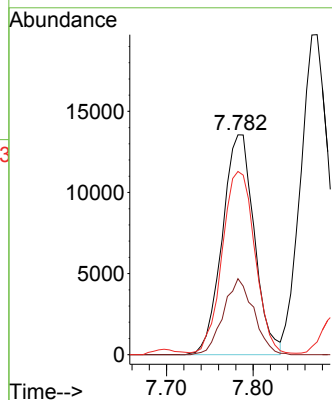
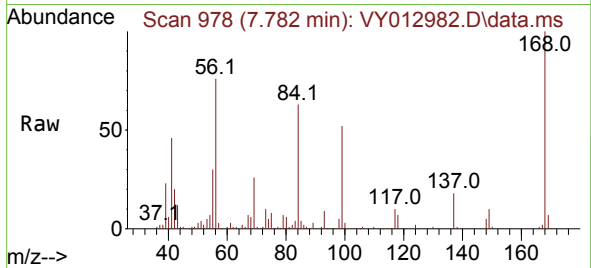




#31
Cyclohexane
Concen: 44.277 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

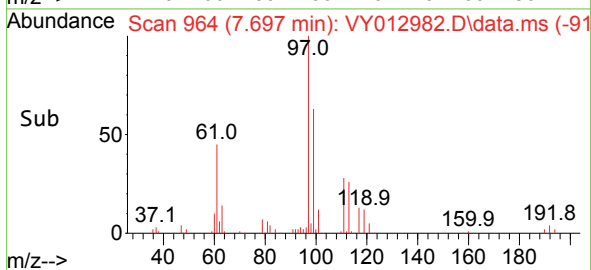
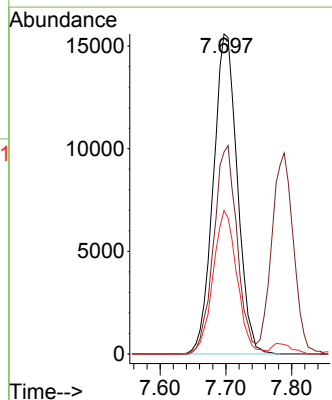
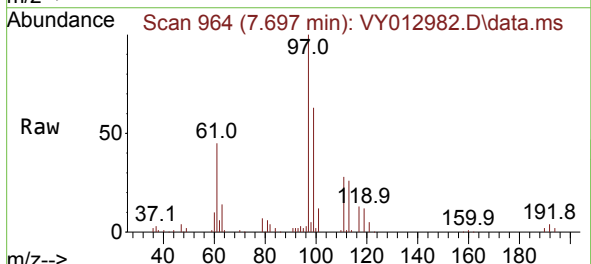
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

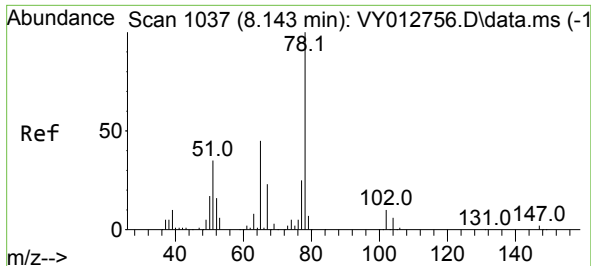
Tgt Ion: 56 Resp: 34849
Ion Ratio Lower Upper
56 100
69 34.6 25.7 38.5
84 82.0 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 54.447 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.007 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 97 Resp: 39632
Ion Ratio Lower Upper
97 100
99 63.7 51.0 76.6
61 44.9 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.679 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.007 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

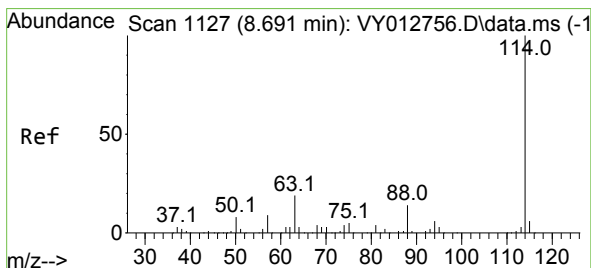
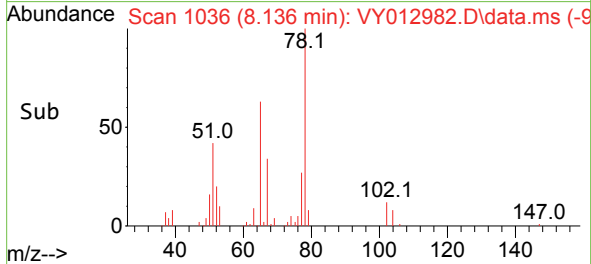
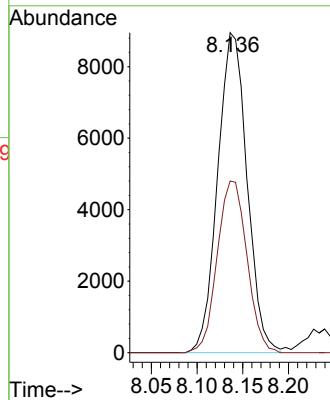
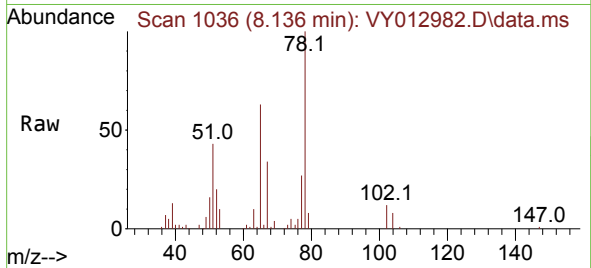
VSTDCCC050EC

Tgt Ion: 65 Resp: 20005

Ion Ratio Lower Upper

65 100

67 54.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.007 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

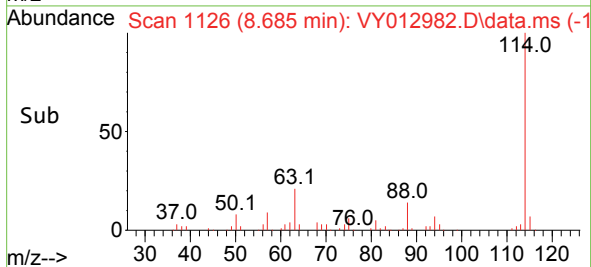
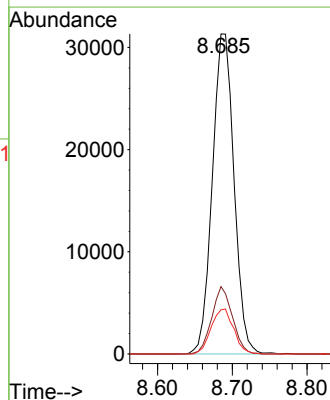
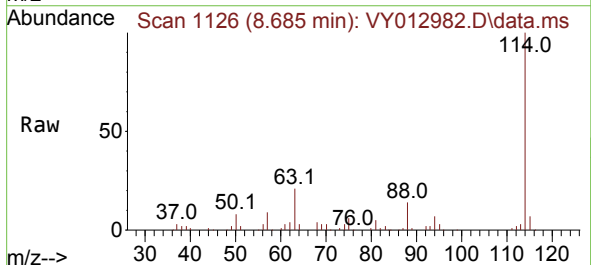
Tgt Ion: 114 Resp: 63127

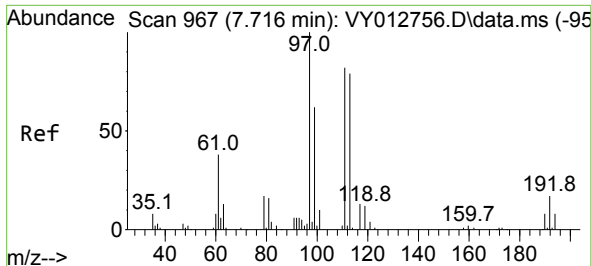
Ion Ratio Lower Upper

114 100

63 21.0 0.0 37.4

88 13.8 0.0 28.6

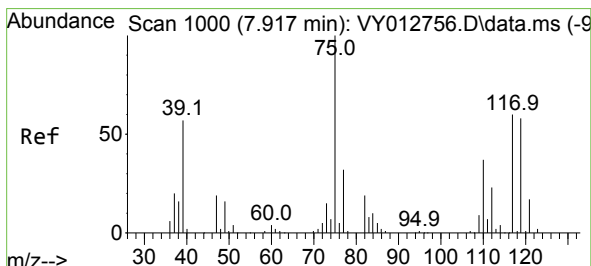
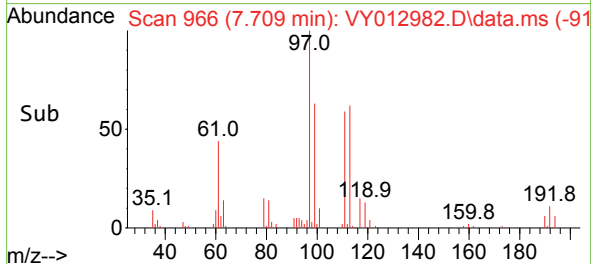
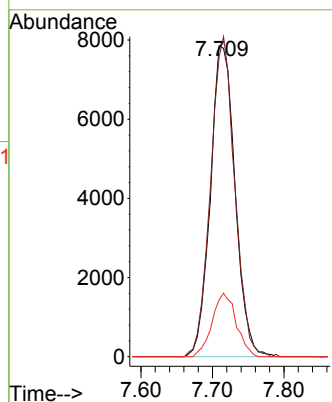
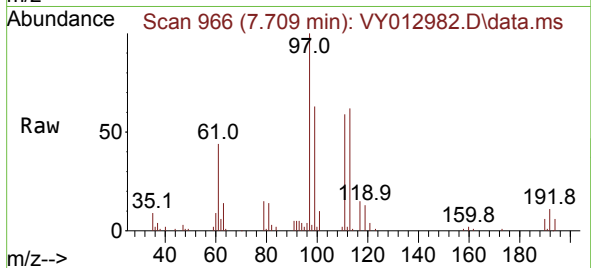




#35
Dibromofluoromethane
Concen: 49.371 ug/l
RT: 7.709 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

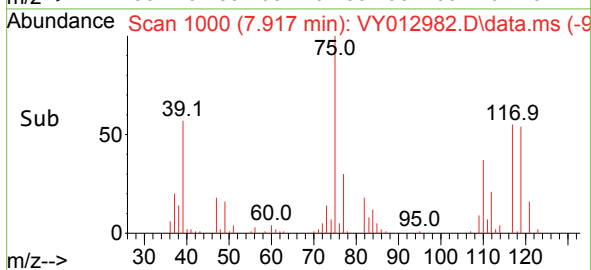
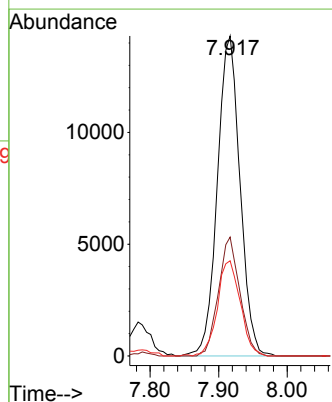
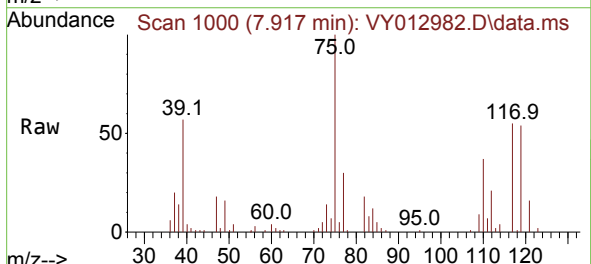
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

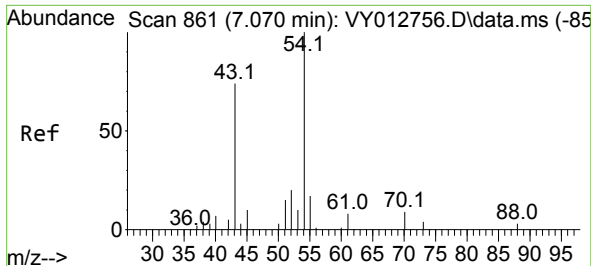
Tgt Ion:113 Resp: 18809
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.2
192 19.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 51.375 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 75 Resp: 32799
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.3
77 30.2 25.0 37.4





#37

Ethyl Acetate

Concen: 66.963 ug/l

RT: 7.075 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

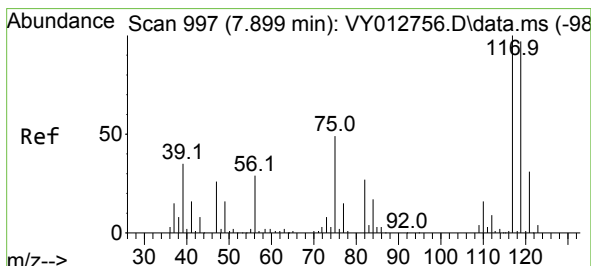
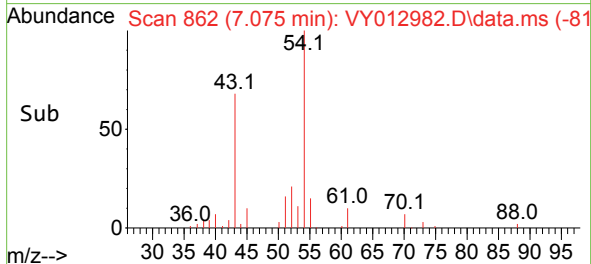
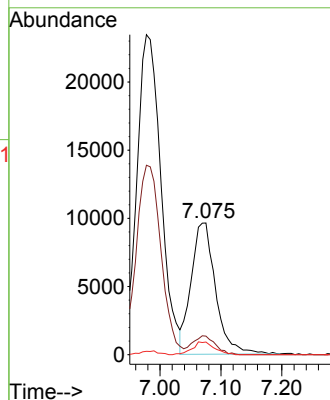
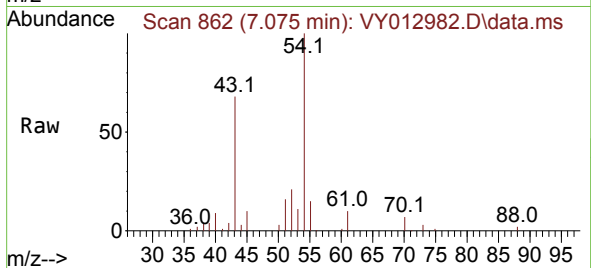
Tgt Ion: 43 Resp: 26945

Ion Ratio Lower Upper

43 100

61 13.4 10.7 16.1

70 8.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.660 ug/l

RT: 7.898 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

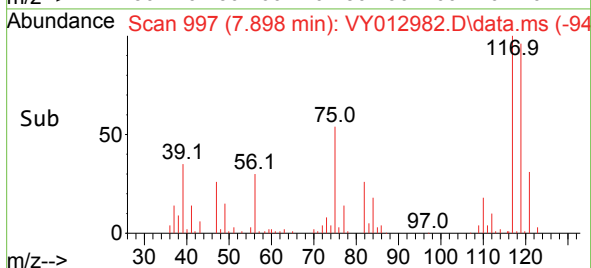
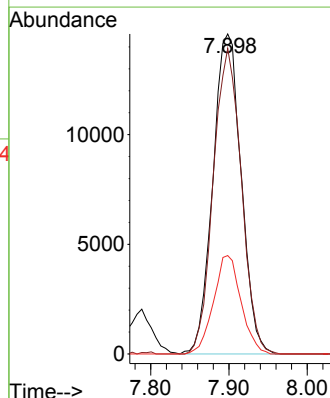
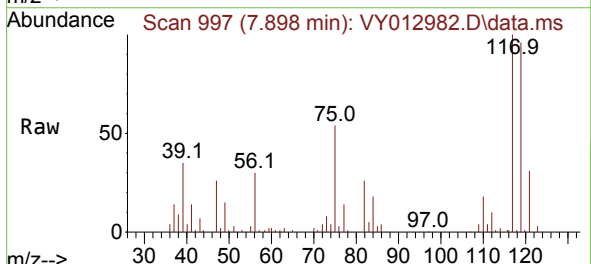
Tgt Ion: 117 Resp: 36695

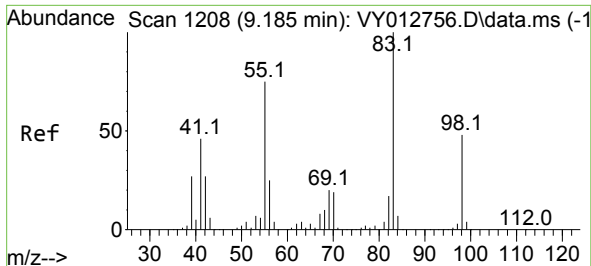
Ion Ratio Lower Upper

117 100

119 95.5 77.2 115.8

121 30.7 24.7 37.1





#39

Methylcyclohexane

Concen: 47.203 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

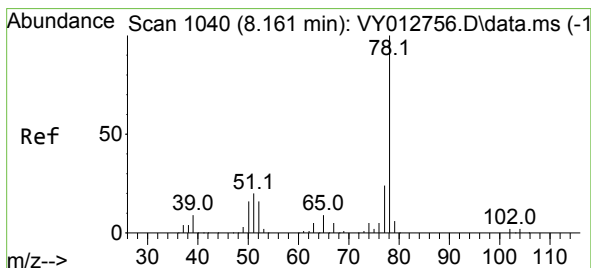
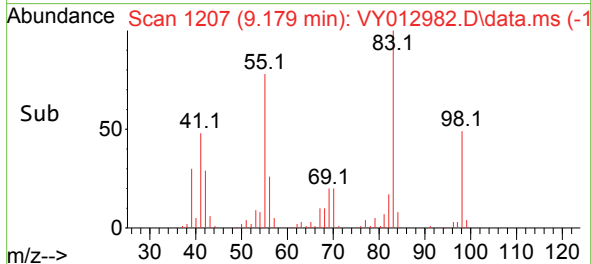
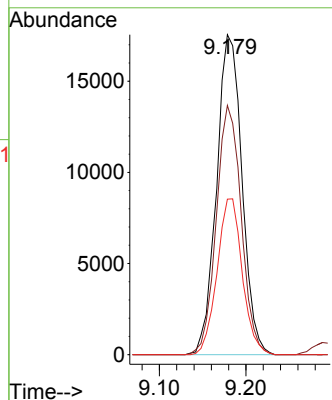
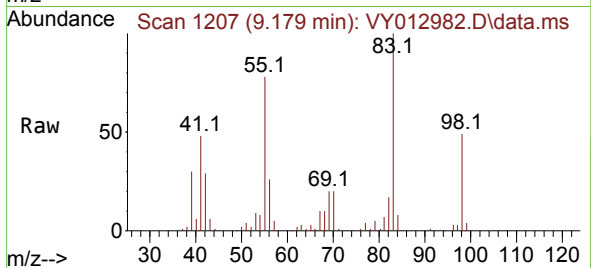
Tgt Ion: 83 Resp: 35827

Ion Ratio Lower Upper

83 100

55 77.9 60.0 90.0

98 48.6 38.3 57.5



#40

Benzene

Concen: 53.749 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.007 min

Lab File: VY012982.D

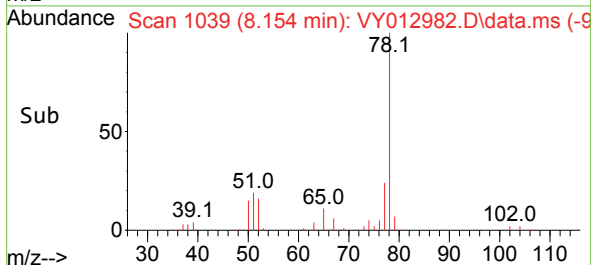
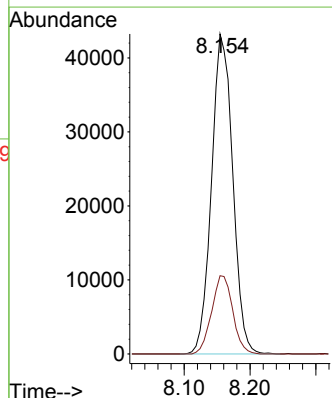
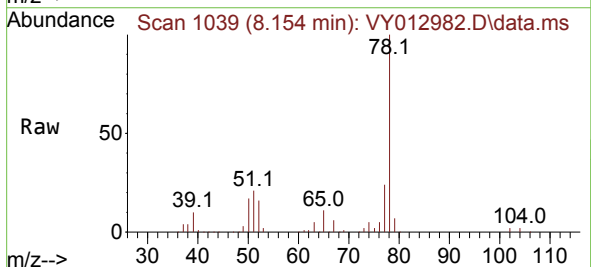
Acq: 16 Mar 2023 19:49

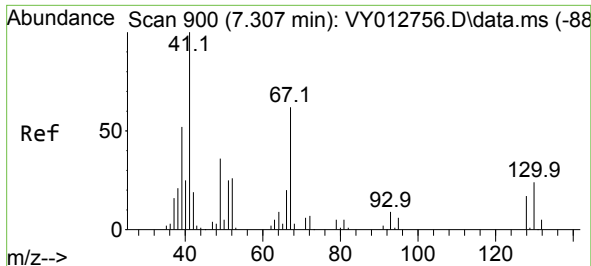
Tgt Ion: 78 Resp: 97066

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

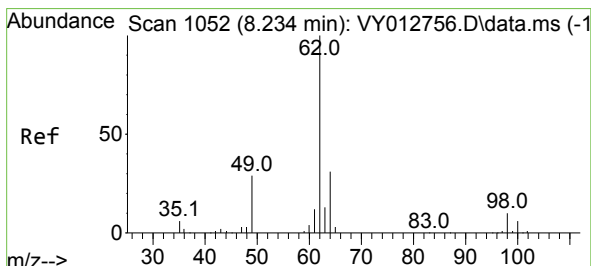
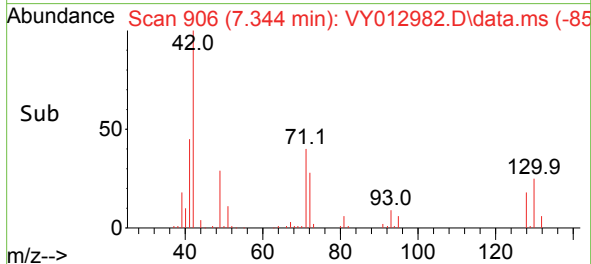
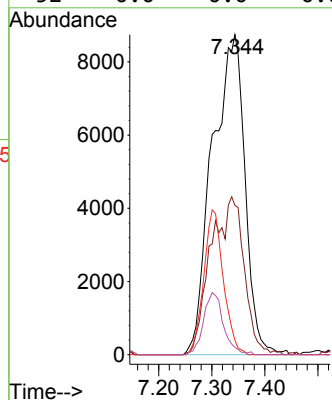
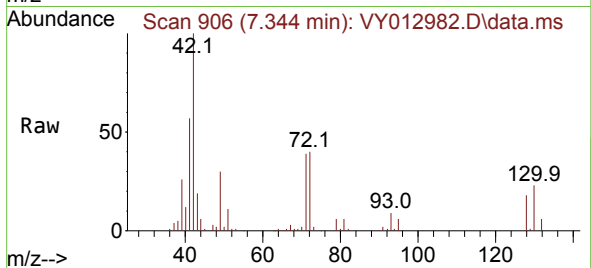




#41
Methacrylonitrile
Concen: 171.876 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.036 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

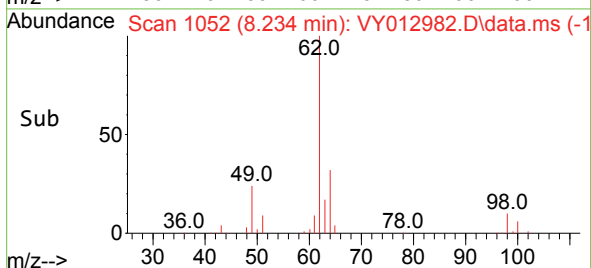
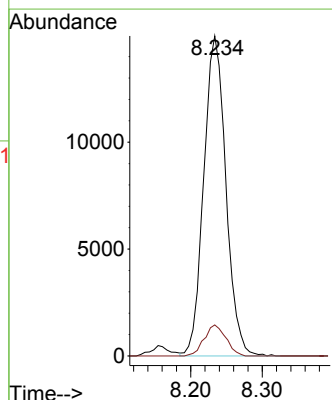
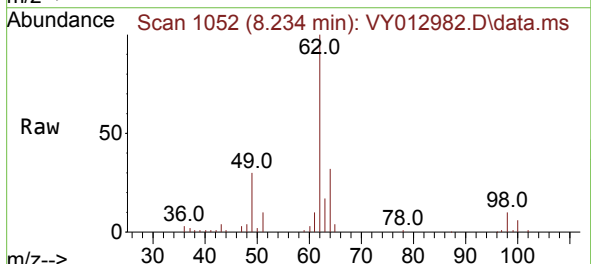
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

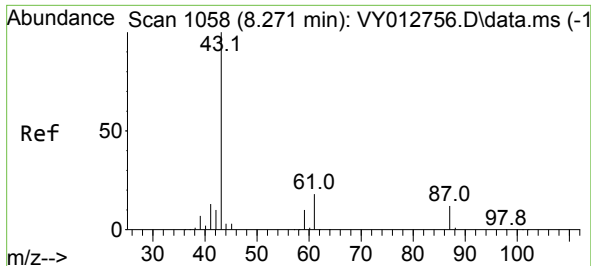
Tgt Ion:	41	Resp:	37262
Ion	Ratio	Lower	Upper
41	100		
39	25.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 59.385 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion:	62	Resp:	32243
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.8

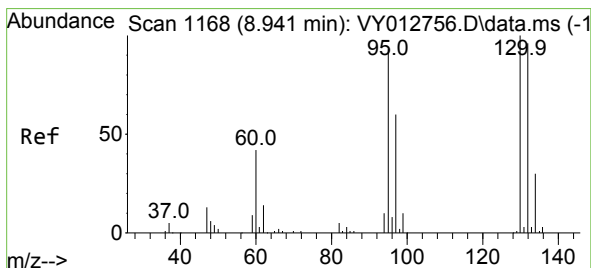
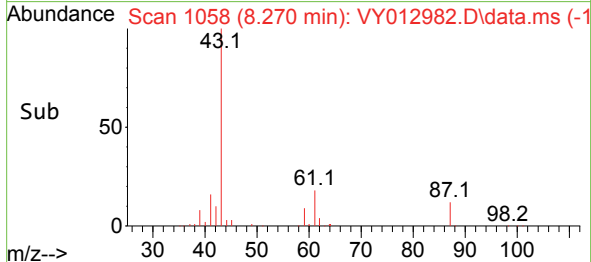
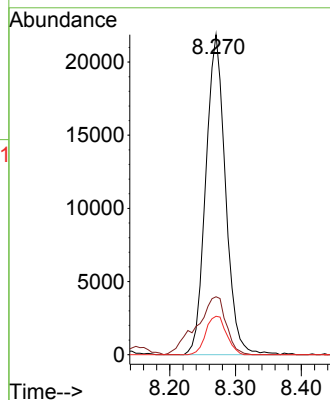
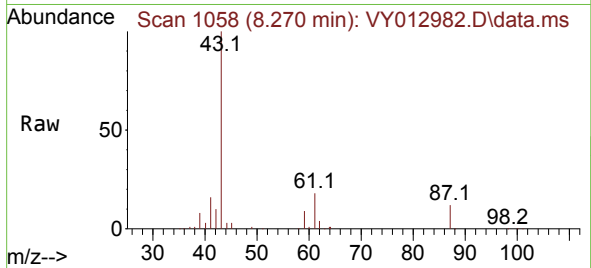




#43
Isopropyl Acetate
Concen: 63.370 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

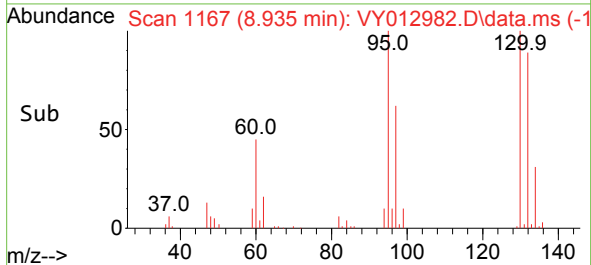
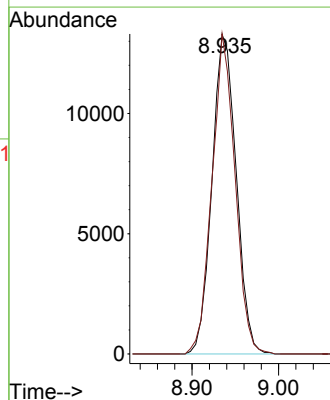
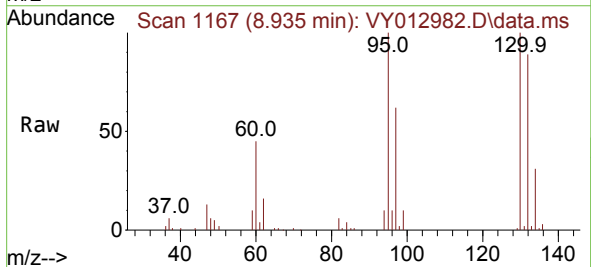
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

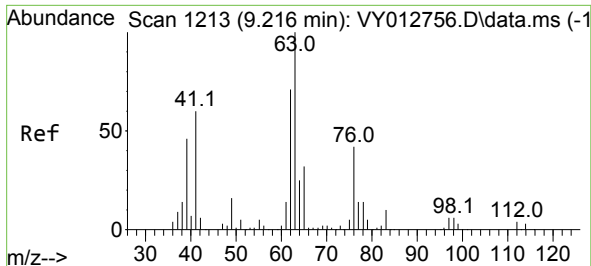
Tgt Ion: 43 Resp: 45494
Ion Ratio Lower Upper
43 100
61 27.0 21.6 32.4
87 12.6 9.9 14.9



#44
Trichloroethene
Concen: 54.245 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.007 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion:130 Resp: 25828
Ion Ratio Lower Upper
130 100
95 100.1 0.0 185.0





#45

1,2-Dichloropropane

Concen: 56.985 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

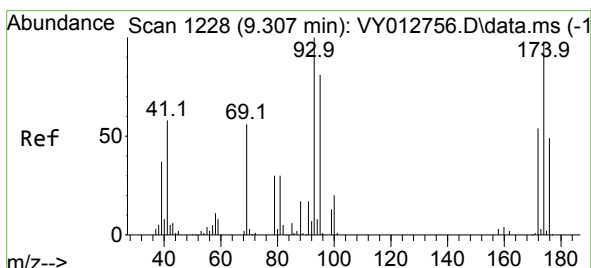
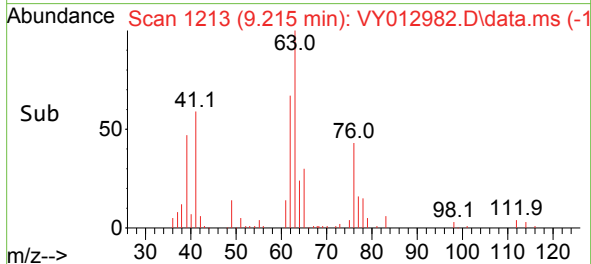
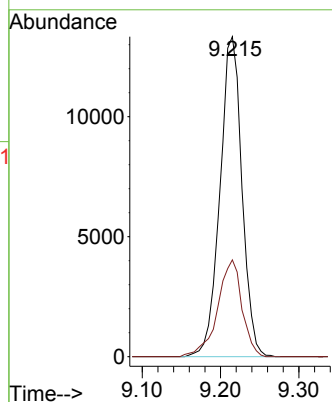
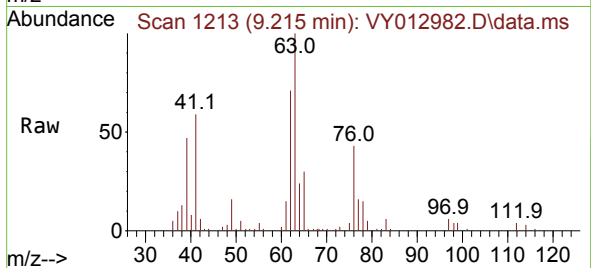
VSTDCCC050EC

Tgt Ion: 63 Resp: 26008

Ion Ratio Lower Upper

63 100

65 30.2 25.7 38.5



#46

Dibromomethane

Concen: 62.427 ug/l

RT: 9.300 min Scan# 1227

Delta R.T. -0.007 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

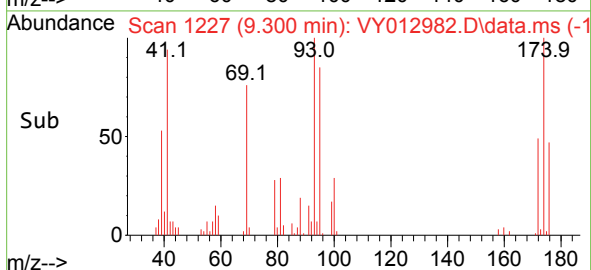
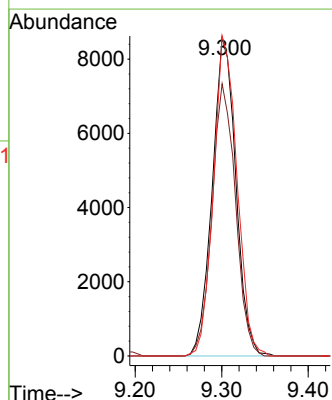
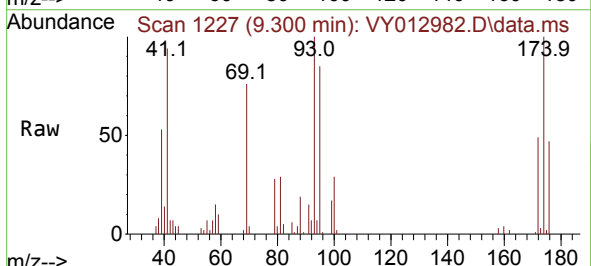
Tgt Ion: 93 Resp: 16232

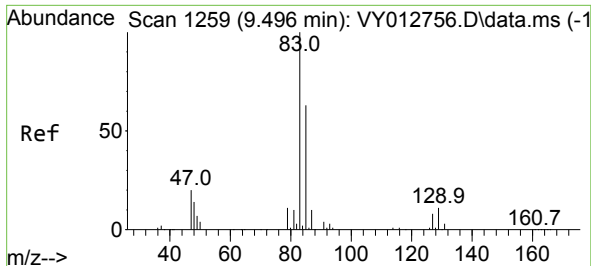
Ion Ratio Lower Upper

93 100

95 84.8 65.6 98.4

174 100.2 81.3 121.9

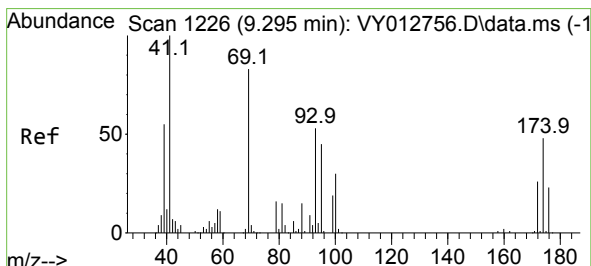
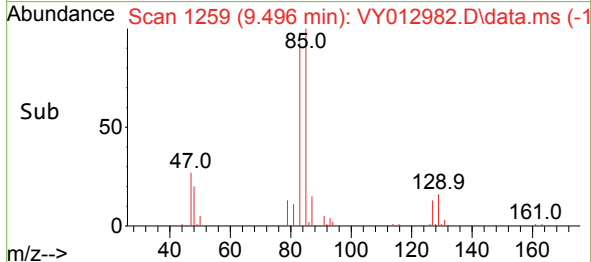
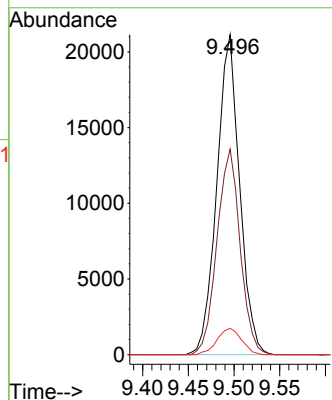
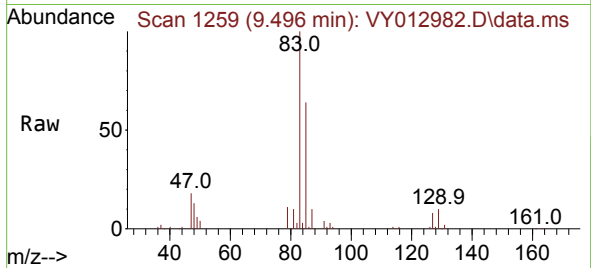




#47
Bromodichloromethane
Concen: 59.858 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

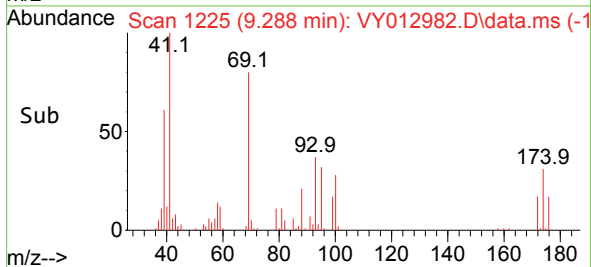
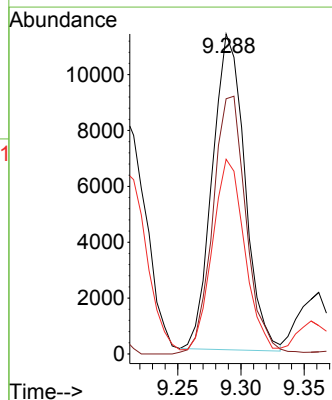
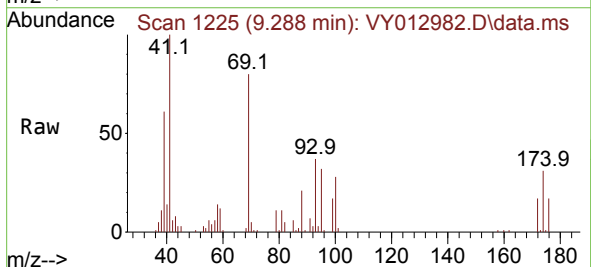
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

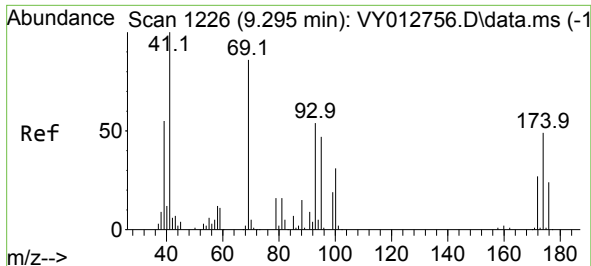
Tgt Ion: 83 Resp: 36677
Ion Ratio Lower Upper
83 100
85 64.3 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 61.110 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.007 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 41 Resp: 20215
Ion Ratio Lower Upper
41 100
69 83.7 64.1 96.1
39 62.6 44.0 66.0





#49

1,4-Dioxane

Concen: 1510.410 ug/l

RT: 9.288 min Scan# 1225

Delta R.T. -0.007 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

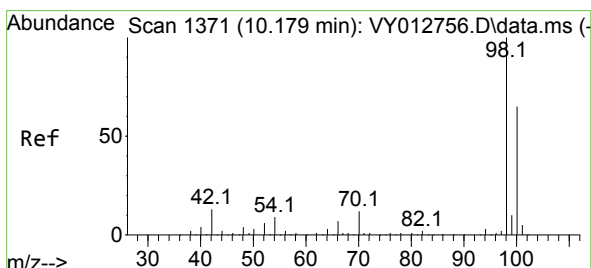
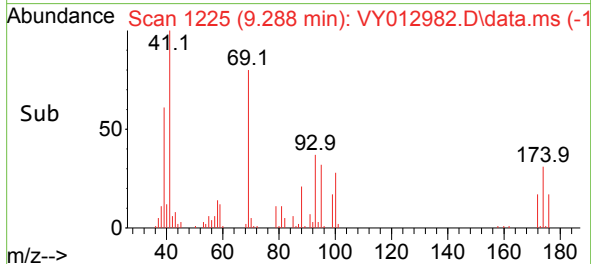
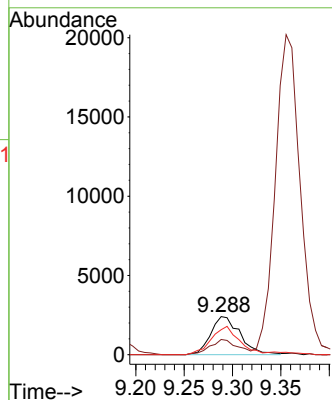
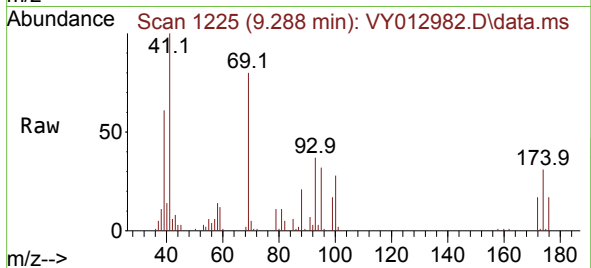
Tgt Ion: 88 Resp: 5077

Ion Ratio Lower Upper

88 100

43 37.4 28.6 42.8

58 71.0 55.2 82.8



#50

Toluene-d8

Concen: 44.121 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012982.D

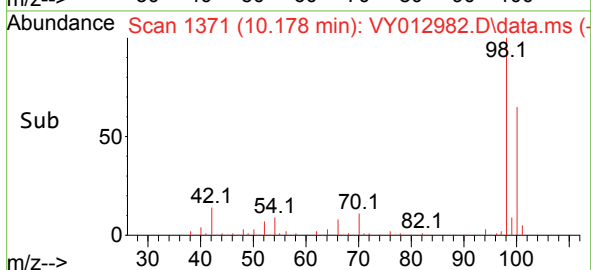
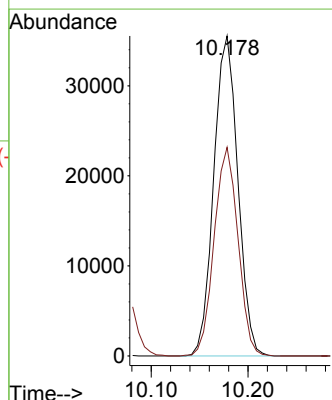
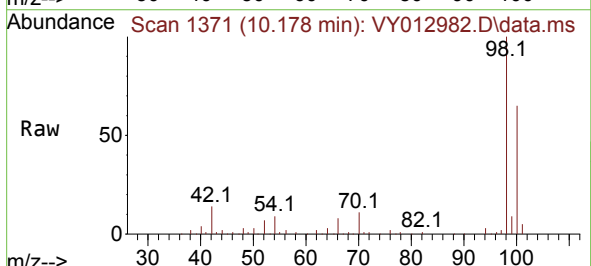
Acq: 16 Mar 2023 19:49

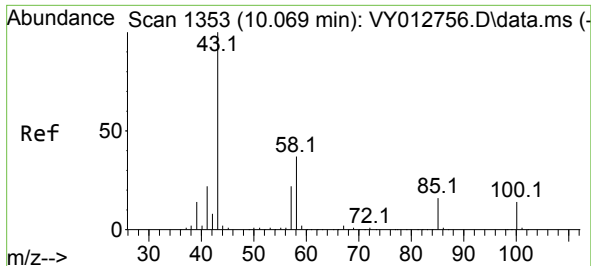
Tgt Ion: 98 Resp: 61449

Ion Ratio Lower Upper

98 100

100 64.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 343.854 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

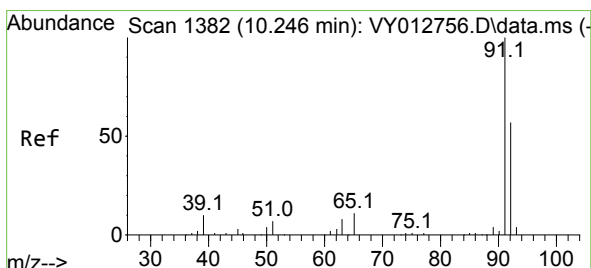
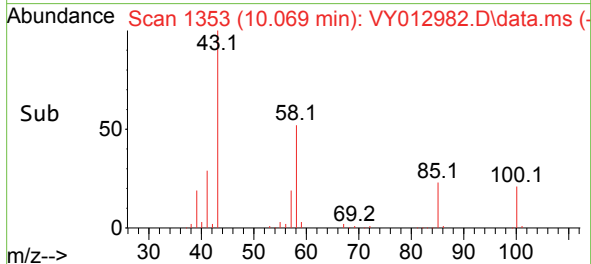
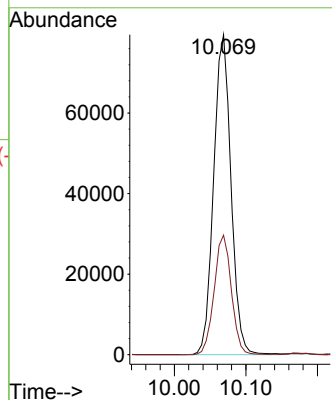
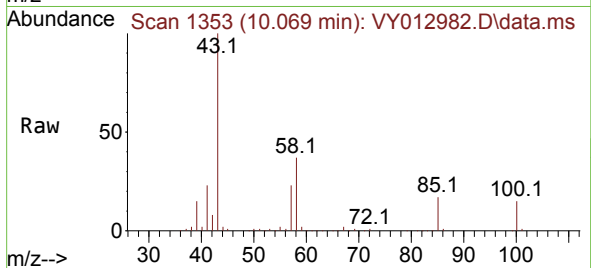
VSTDCCC050EC

Tgt Ion: 43 Resp: 133904

Ion Ratio Lower Upper

43 100

58 37.1 29.8 44.6



#52

Toluene

Concen: 55.393 ug/l

RT: 10.239 min Scan# 1381

Delta R.T. -0.007 min

Lab File: VY012982.D

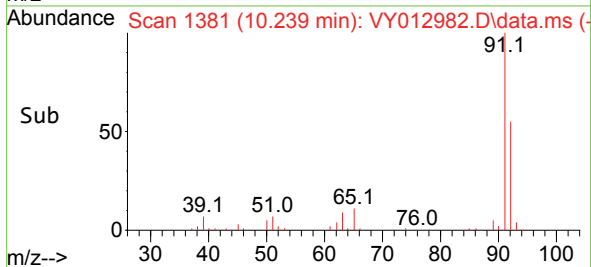
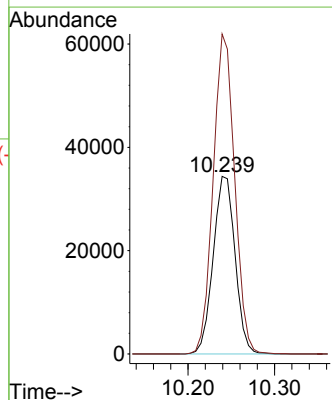
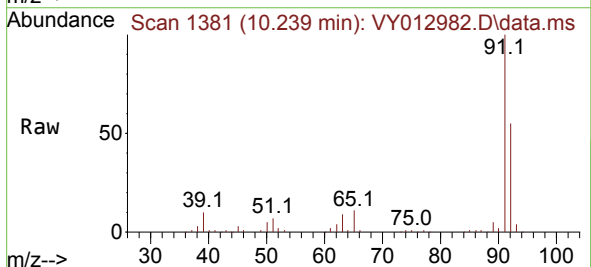
Acq: 16 Mar 2023 19:49

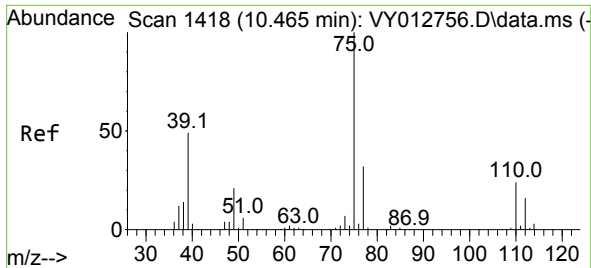
Tgt Ion: 92 Resp: 60330

Ion Ratio Lower Upper

92 100

91 176.8 141.3 211.9

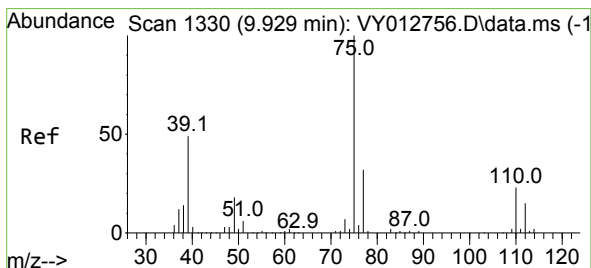
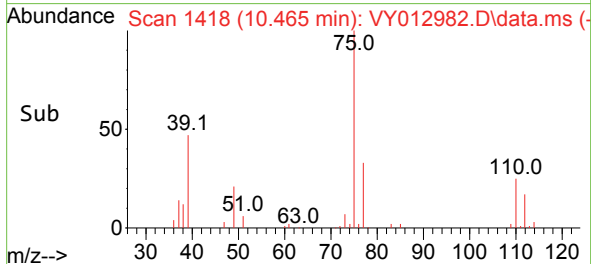
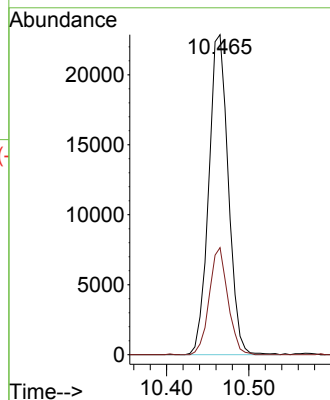
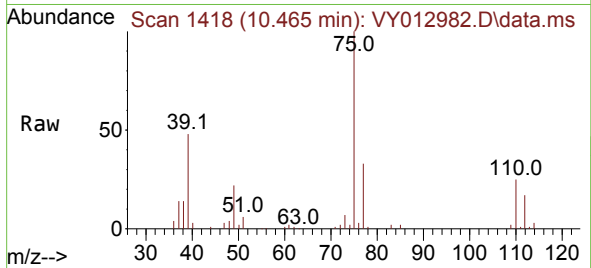




#53
 t-1,3-Dichloropropene
 Concen: 58.684 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY012982.D
 Acq: 16 Mar 2023 19:49

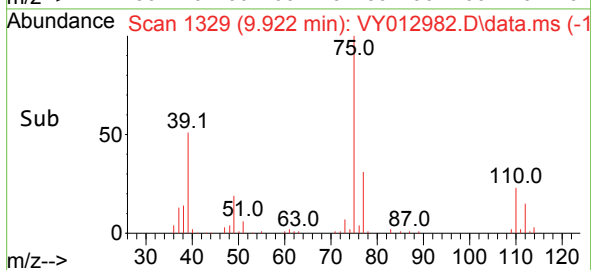
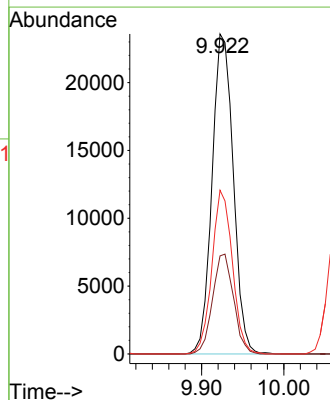
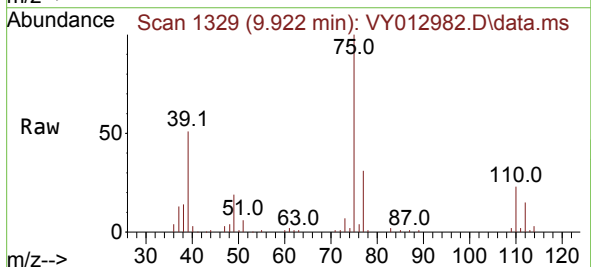
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

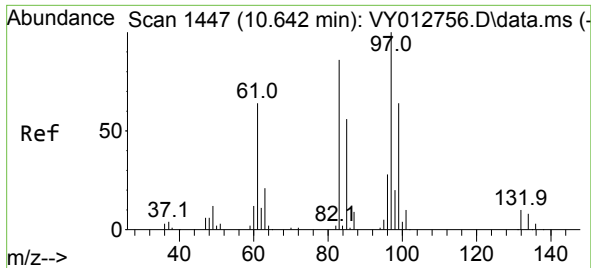
Tgt Ion: 75 Resp: 37716
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 58.169 ug/l
 RT: 9.922 min Scan# 1329
 Delta R.T. -0.007 min
 Lab File: VY012982.D
 Acq: 16 Mar 2023 19:49

Tgt Ion: 75 Resp: 42315
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 51.1 39.0 58.4

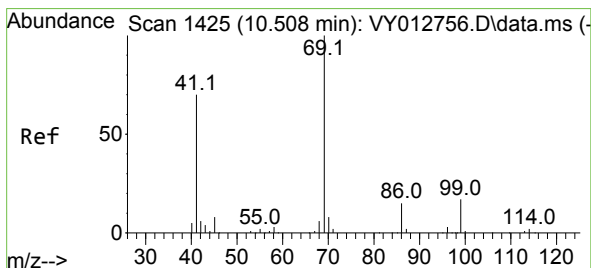
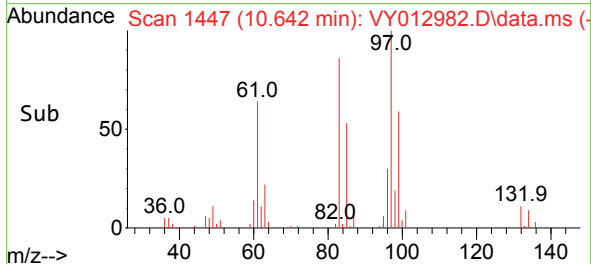
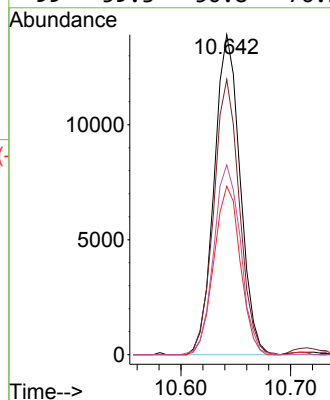
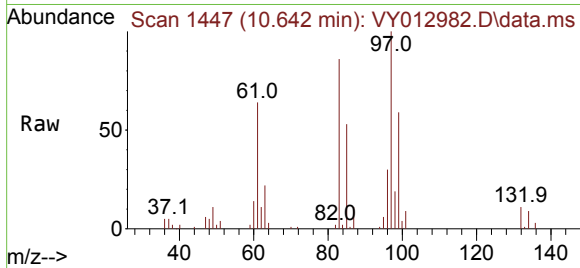




#55
1,1,2-Trichloroethane
Concen: 63.086 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

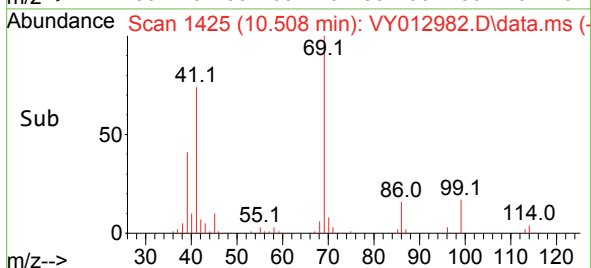
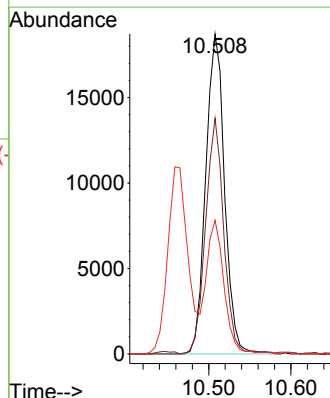
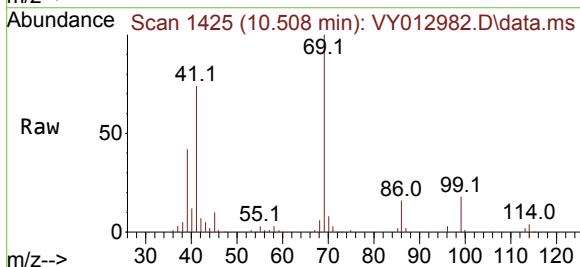
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

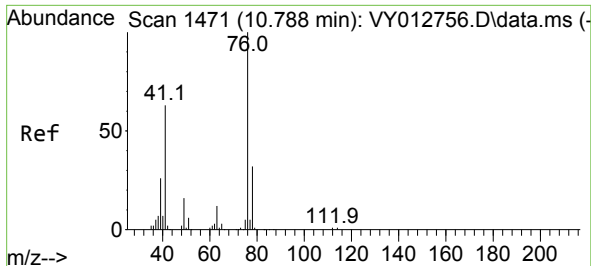
Tgt Ion: 97	Resp: 22844
Ion Ratio	Lower Upper
97 100	
83 86.0	69.0 103.6
85 52.7	44.9 67.3
99 59.3	50.8 76.2



#56
Ethyl methacrylate
Concen: 61.651 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 69	Resp: 29767
Ion Ratio	Lower Upper
69 100	
41 71.4	56.4 84.6
39 38.7	30.8 46.2





#57

1,3-Dichloropropane

Concen: 62.040 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

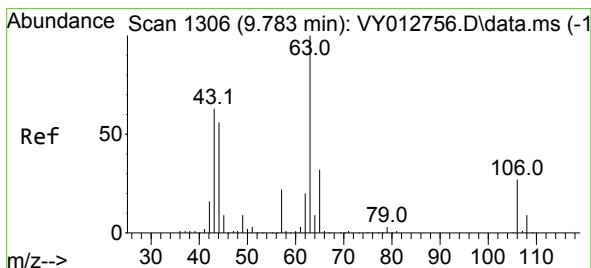
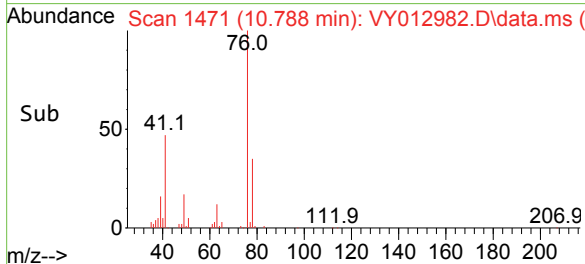
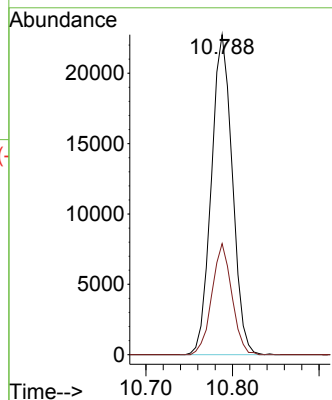
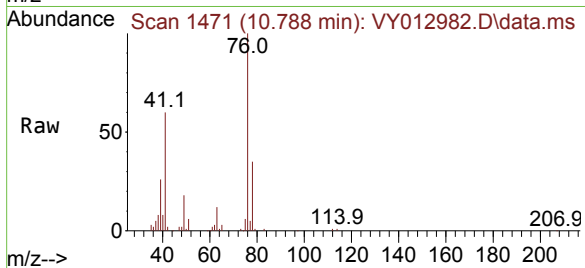
VSTDCCC050EC

Tgt Ion: 76 Resp: 38264

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 321.288 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY012982.D

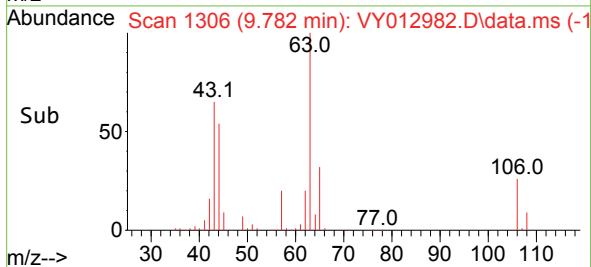
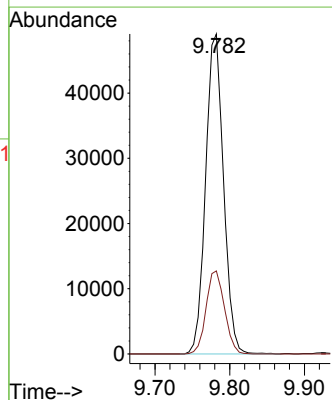
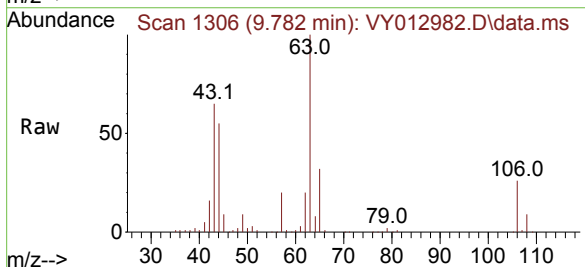
Acq: 16 Mar 2023 19:49

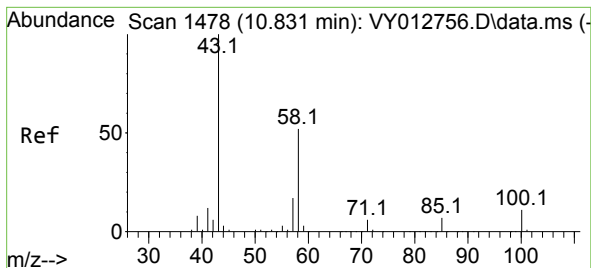
Tgt Ion: 63 Resp: 81436

Ion Ratio Lower Upper

63 100

106 26.7 22.1 33.1

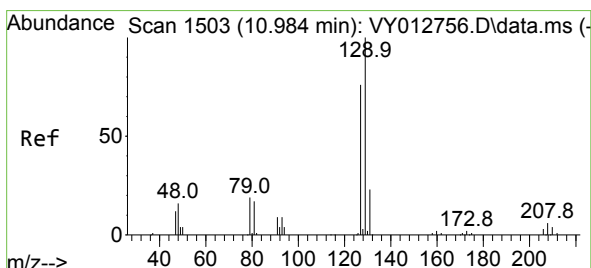
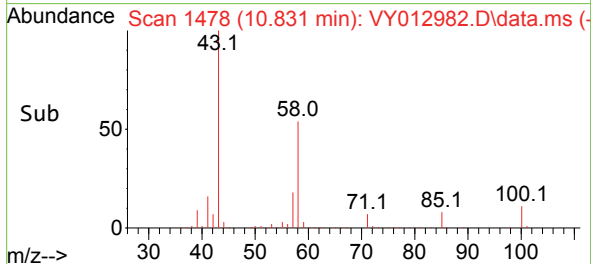
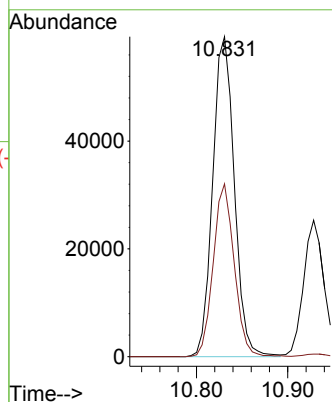
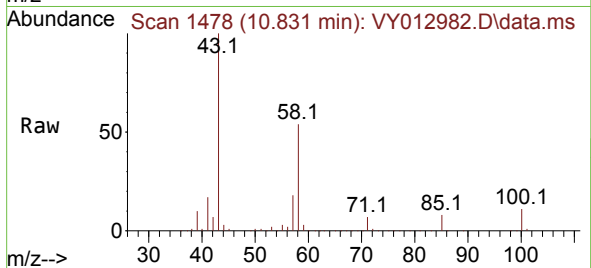




#59
2-Hexanone
Concen: 344.299 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

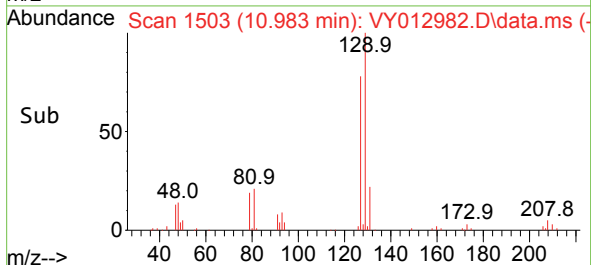
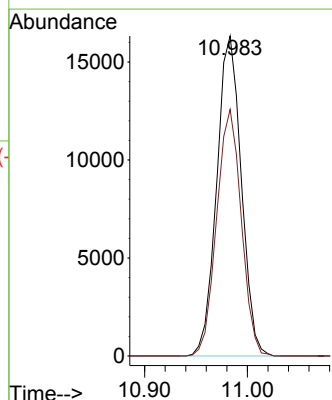
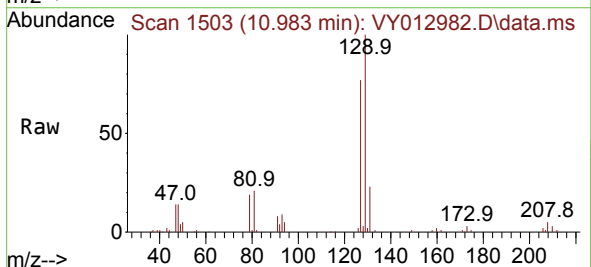
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

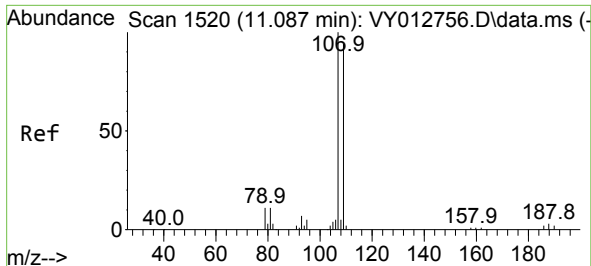
Tgt Ion: 43 Resp: 97445
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8



#60
Dibromochloromethane
Concen: 61.413 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 129 Resp: 27070
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1

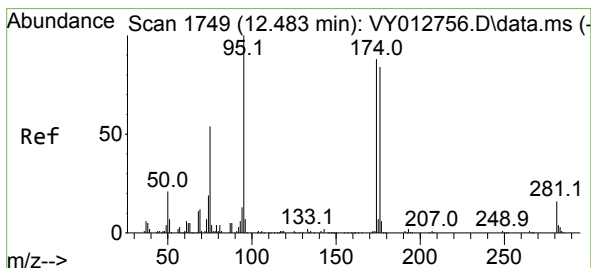
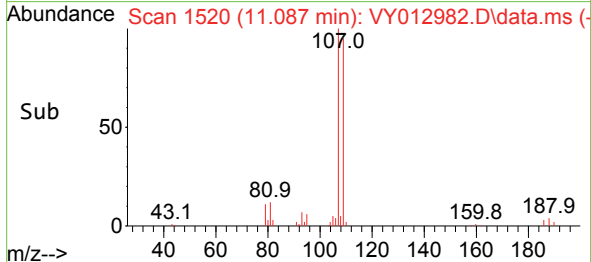
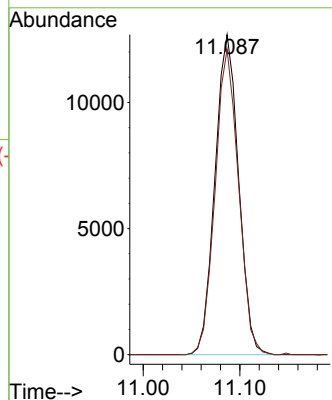
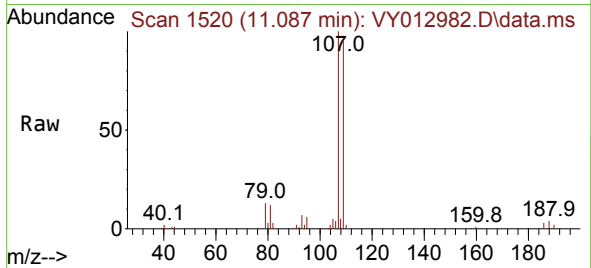




#61
1,2-Dibromoethane
Concen: 61.628 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

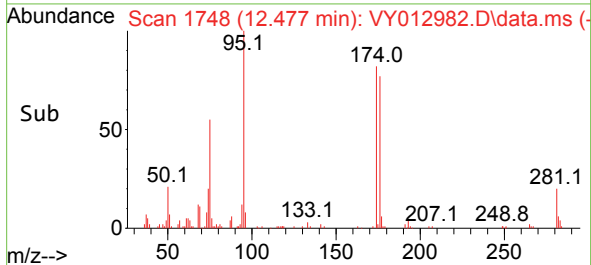
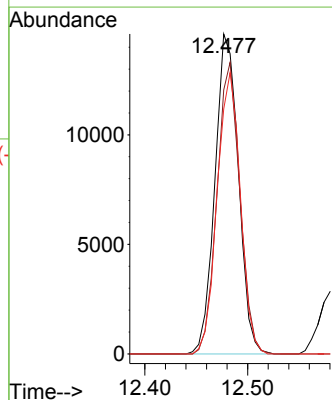
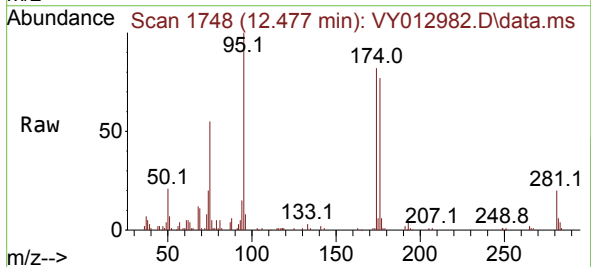
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

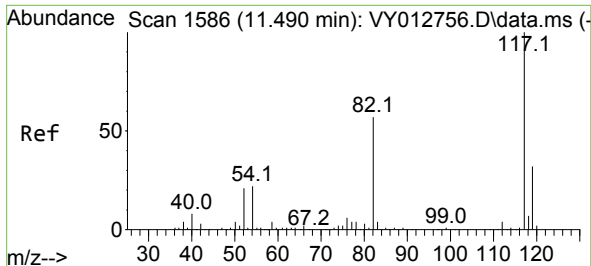
Tgt Ion:107 Resp: 21497
Ion Ratio Lower Upper
107 100
109 94.3 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 49.286 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.007 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion: 95 Resp: 23169
Ion Ratio Lower Upper
95 100
174 88.4 0.0 176.6
176 86.8 0.0 170.2

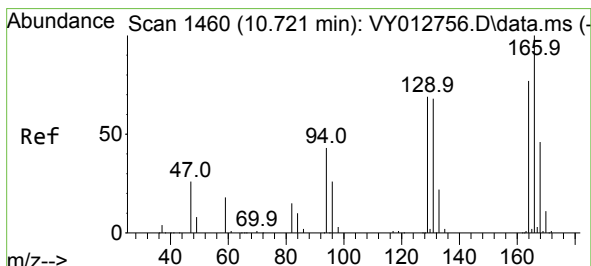
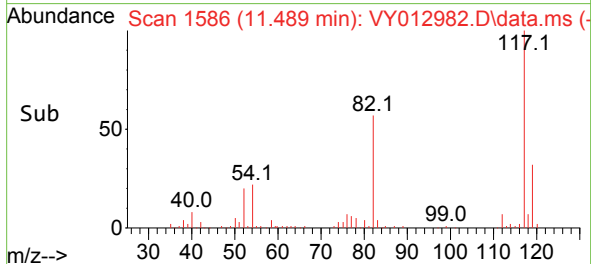
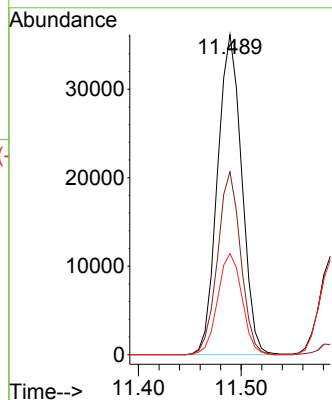
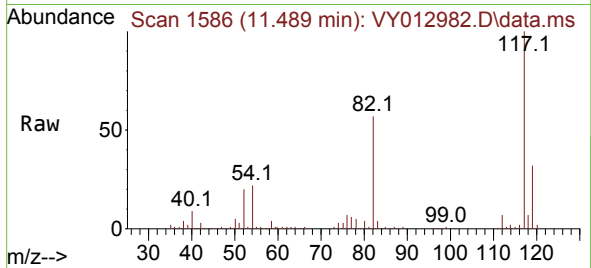




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

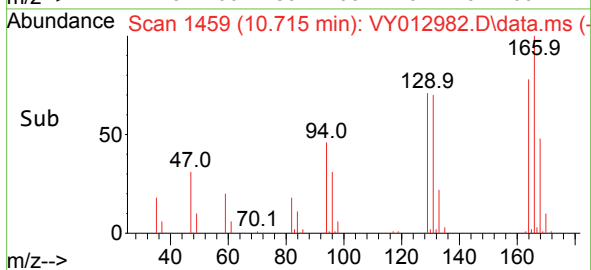
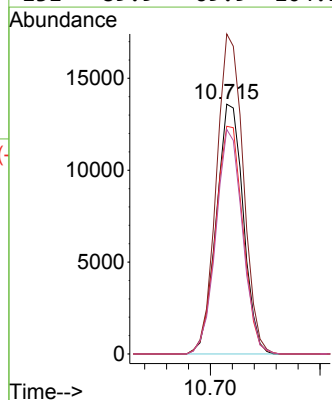
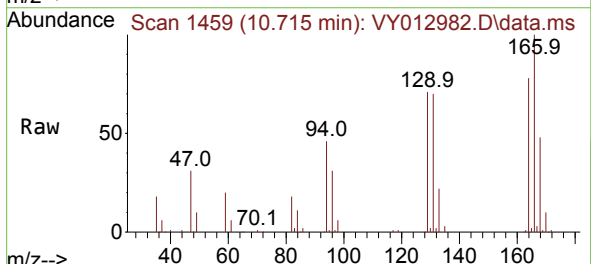
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

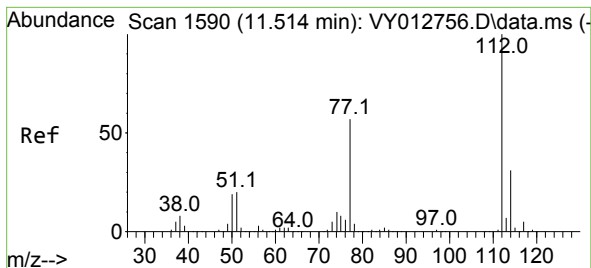
Tgt Ion:117 Resp: 59212
Ion Ratio Lower Upper
117 100
82 57.2 45.4 68.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 53.845 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.007 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion:164 Resp: 23213
Ion Ratio Lower Upper
164 100
166 128.1 103.4 155.2
129 91.2 71.4 107.2
131 89.9 69.9 104.9





#65

Chlorobenzene

Concen: 52.685 ug/l

RT: 11.514 min Scan# 111

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

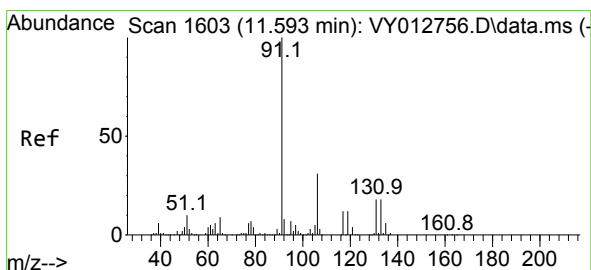
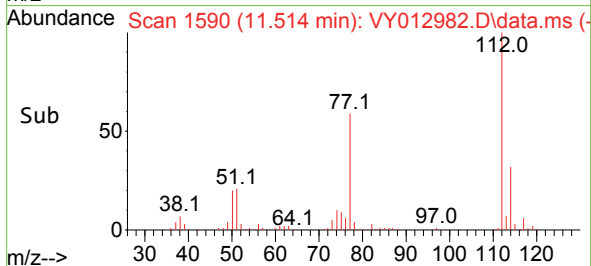
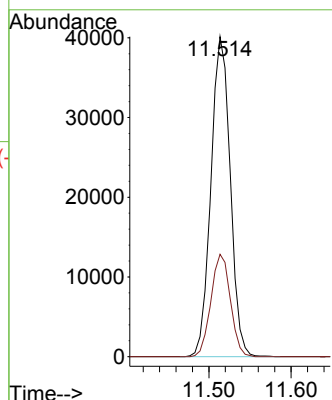
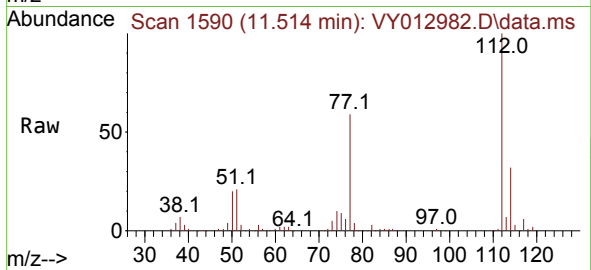
VSTDCCC050EC

Tgt Ion:112 Resp: 65472

Ion Ratio Lower Upper

112 100

114 32.0 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 55.921 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.007 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

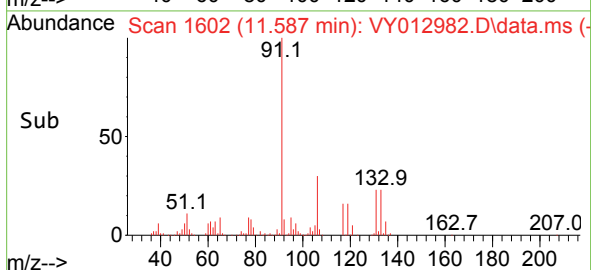
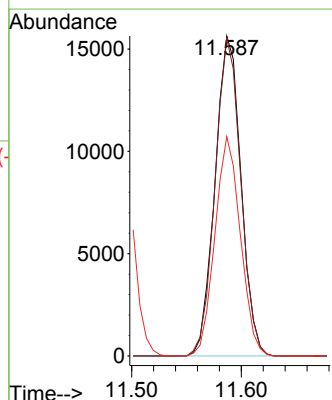
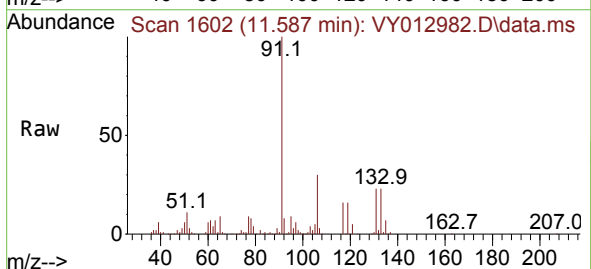
Tgt Ion:131 Resp: 25715

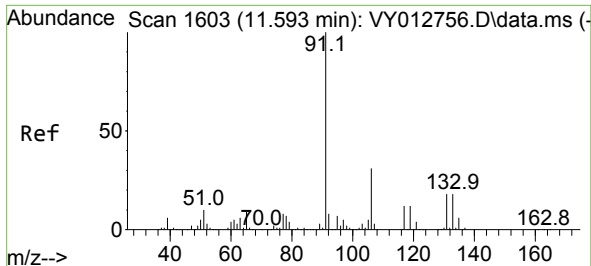
Ion Ratio Lower Upper

131 100

133 98.1 48.0 144.0

119 67.3 32.6 98.0





#67

Ethyl Benzene

Concen: 52.245 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

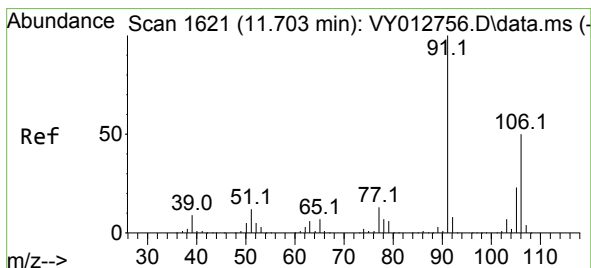
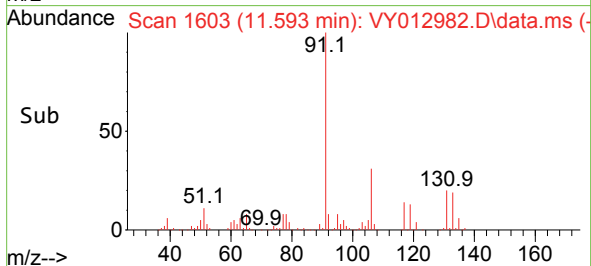
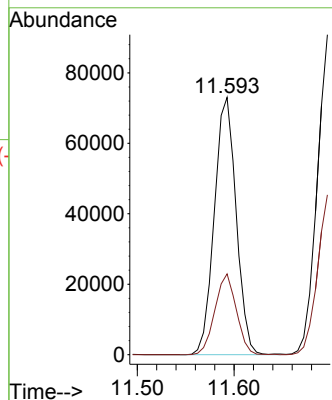
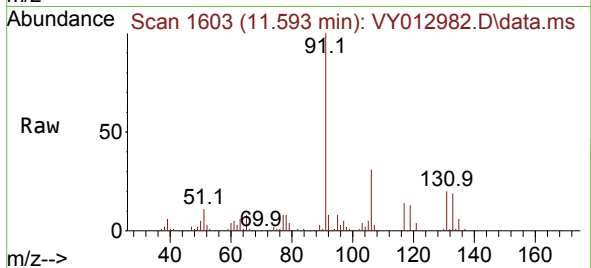
VSTDCCC050EC

Tgt Ion: 91 Resp: 114150

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



#68

m/p-Xylenes

Concen: 105.837 ug/l

RT: 11.702 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012982.D

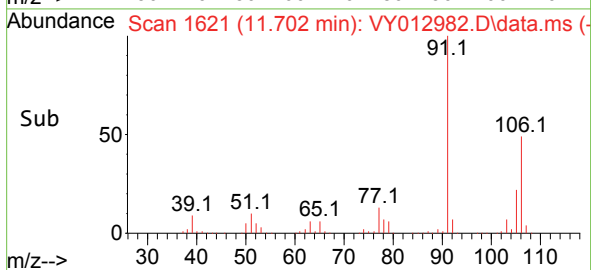
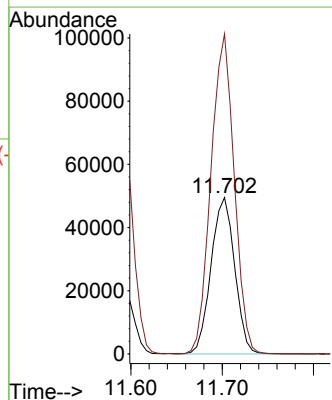
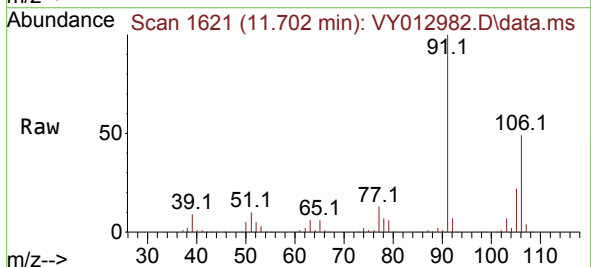
Acq: 16 Mar 2023 19:49

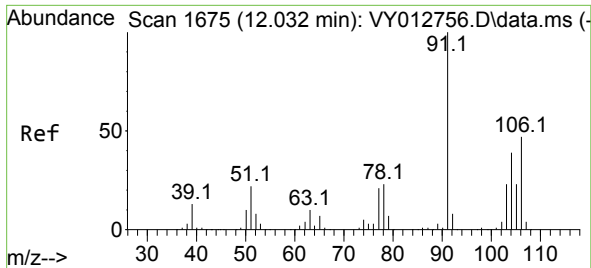
Tgt Ion:106 Resp: 88958

Ion Ratio Lower Upper

106 100

91 201.7 159.8 239.8





#69

o-Xylene

Concen: 53.239 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

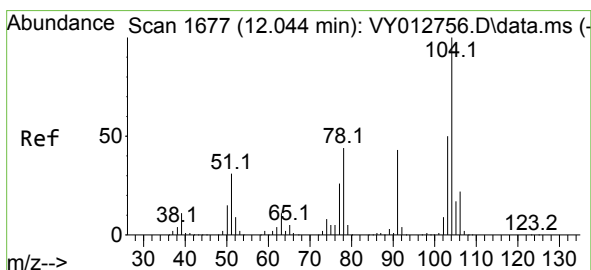
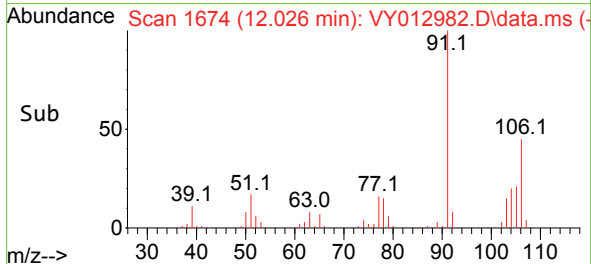
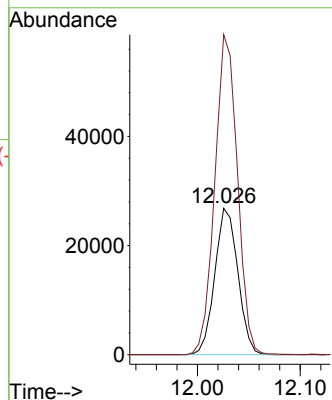
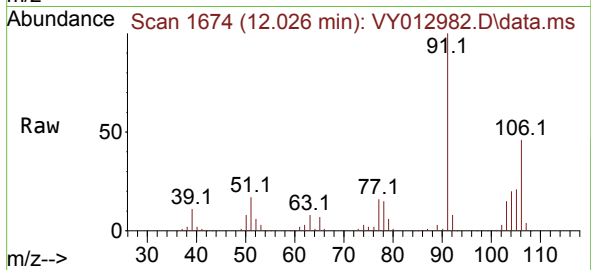
VSTDCCC050EC

Tgt Ion:106 Resp: 41763

Ion Ratio Lower Upper

106 100

91 215.0 107.2 321.6



#70

Styrene

Concen: 55.536 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

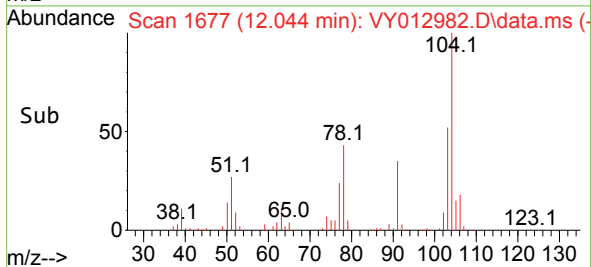
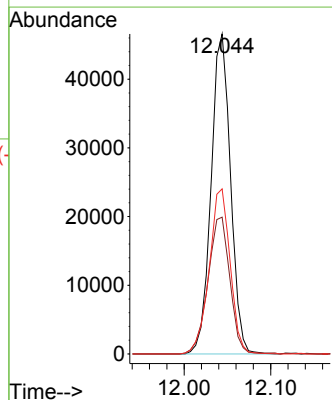
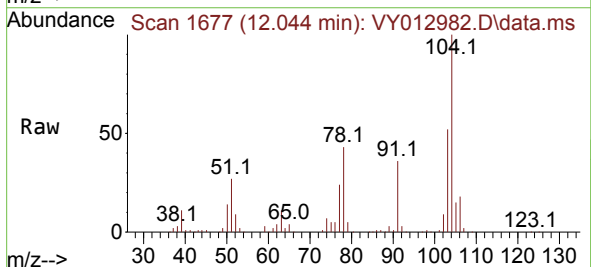
Tgt Ion:104 Resp: 72700

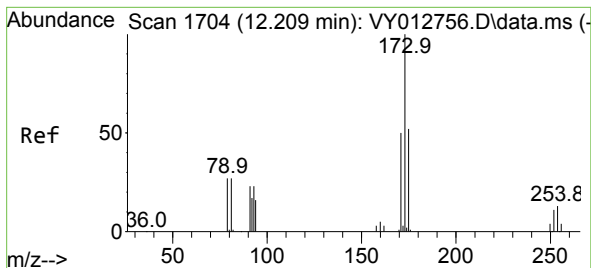
Ion Ratio Lower Upper

104 100

78 48.1 39.2 58.8

103 55.6 43.7 65.5





#71

Bromoform

Concen: 61.914 ug/l

RT: 12.208 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

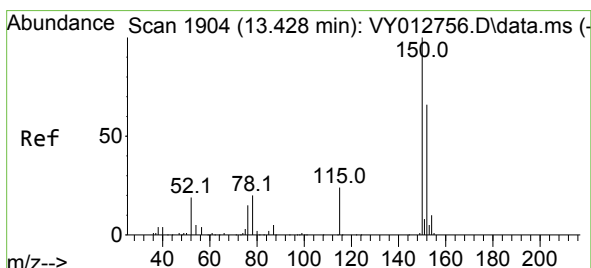
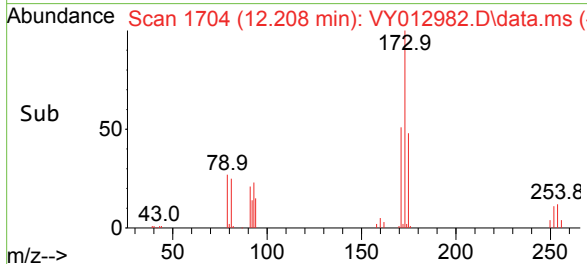
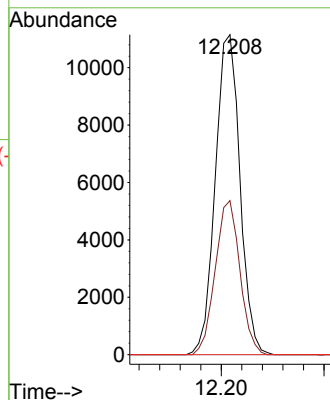
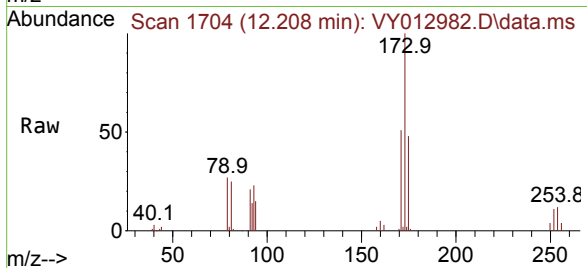
Tgt Ion:173 Resp: 18563

Ion Ratio Lower Upper

173 100

175 48.1 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.007 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

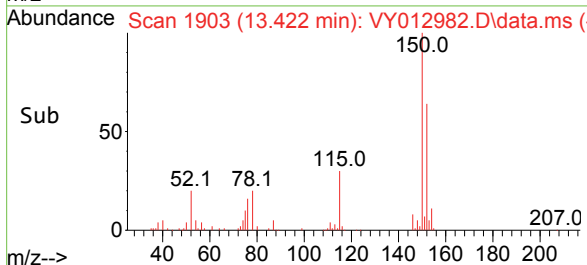
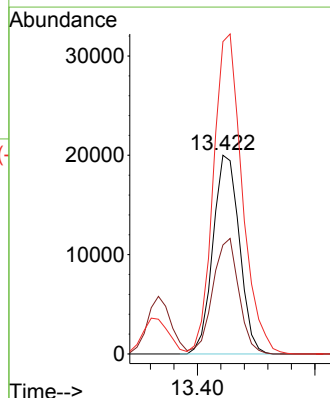
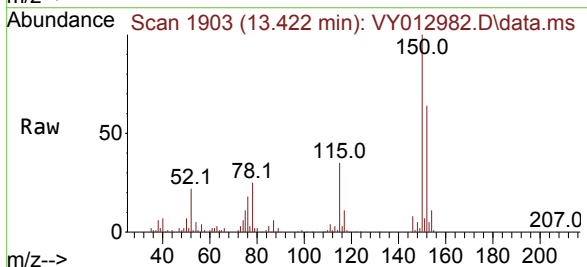
Tgt Ion:152 Resp: 31293

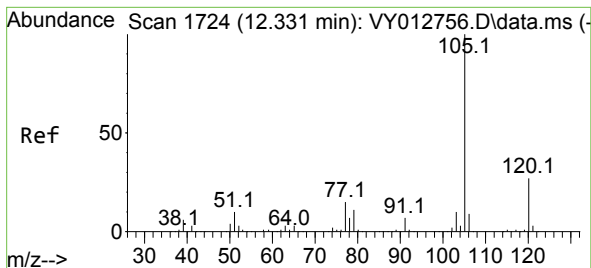
Ion Ratio Lower Upper

152 100

115 57.3 27.1 81.3

150 175.3 0.0 347.8





#73

Isopropylbenzene

Concen: 50.770 ug/l

RT: 12.330 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

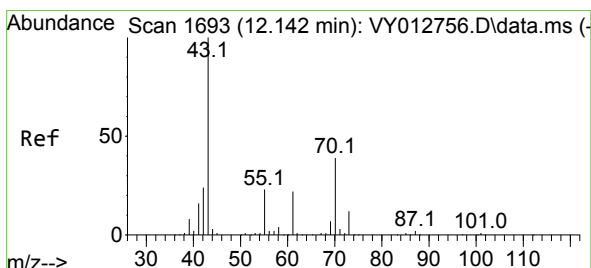
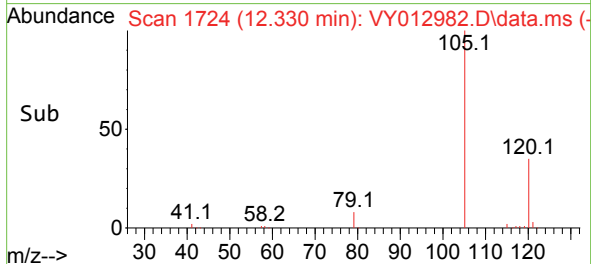
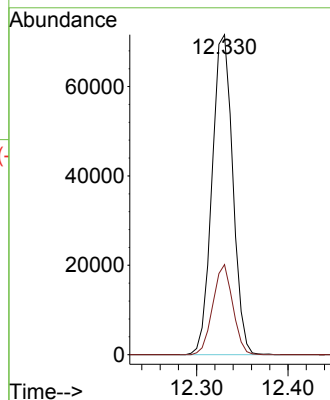
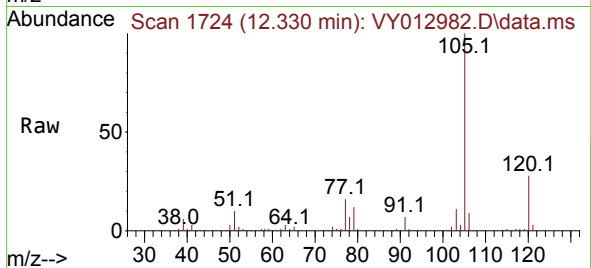
VSTDCCC050EC

Tgt Ion:105 Resp: 112596

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 53.903 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Tgt Ion: 43 Resp: 37613

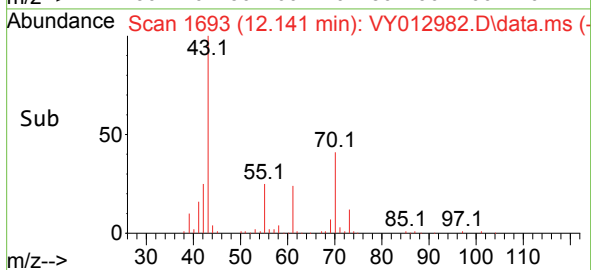
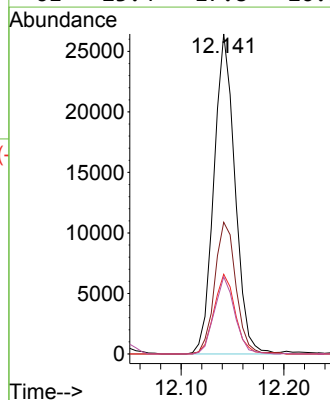
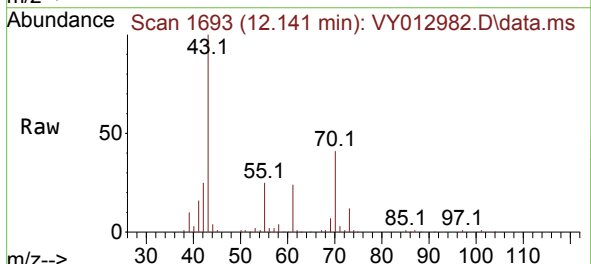
Ion Ratio Lower Upper

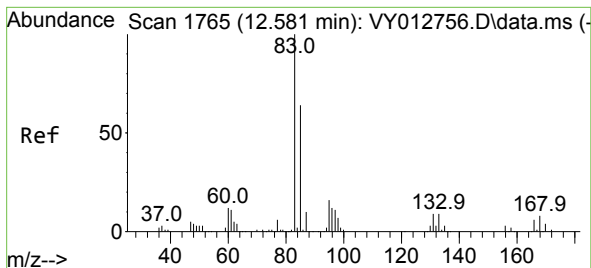
43 100

70 41.6 31.6 47.4

55 25.2 18.8 28.2

61 23.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 59.957 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

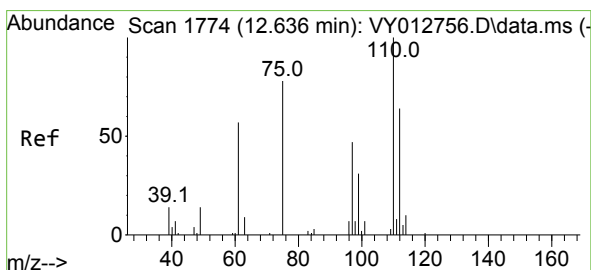
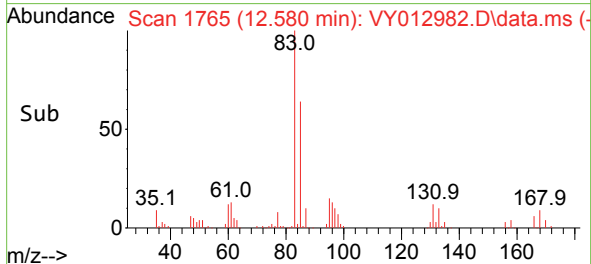
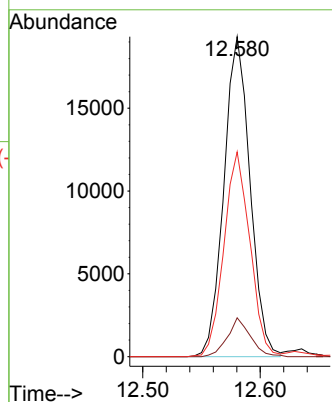
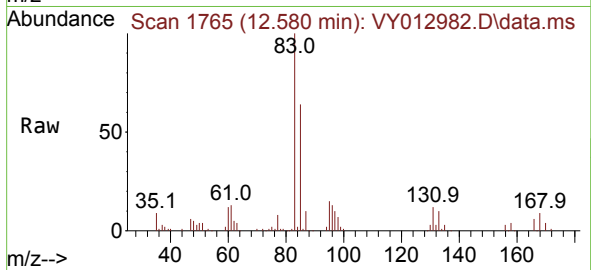
Tgt Ion: 83 Resp: 29891

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.2

85 63.6 31.8 95.3



#76

1,2,3-Trichloropropane

Concen: 100.461 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.007 min

Lab File: VY012982.D

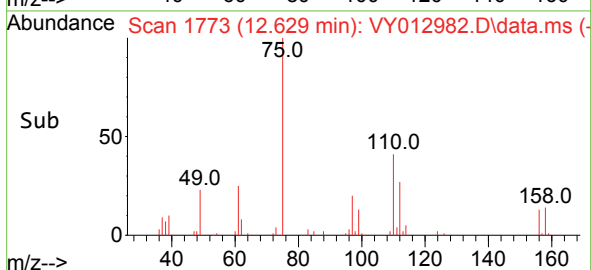
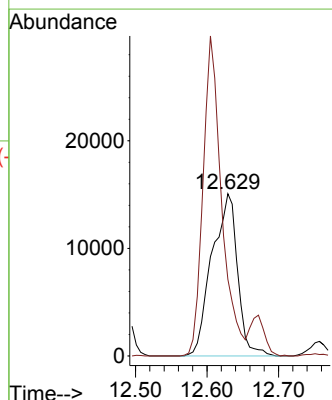
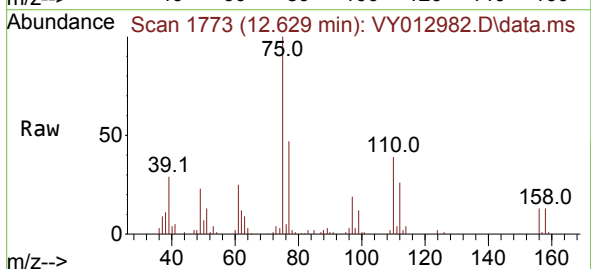
Acq: 16 Mar 2023 19:49

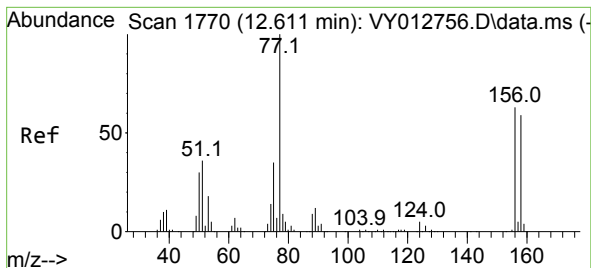
Tgt Ion: 75 Resp: 37541

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.149 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

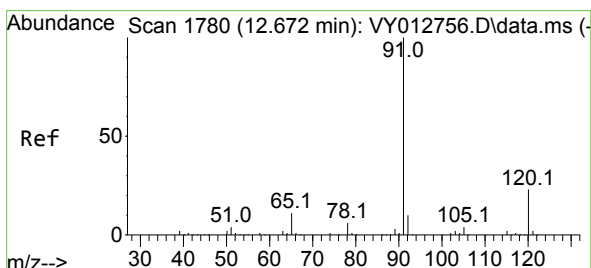
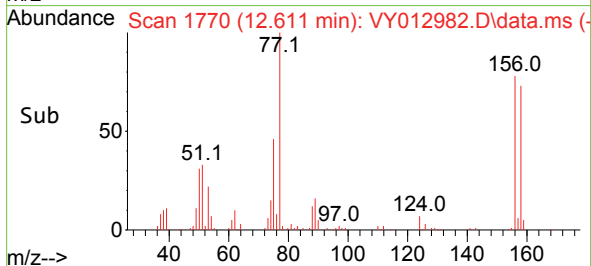
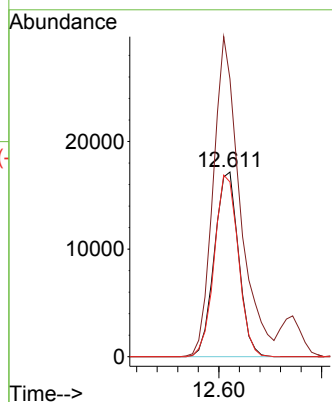
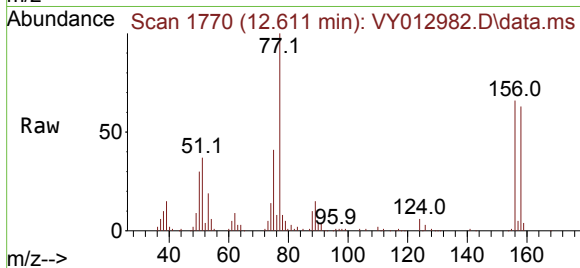
Tgt Ion:156 Resp: 28096

Ion Ratio Lower Upper

156 100

77 191.8 94.0 282.1

158 97.3 48.1 144.4



#78

n-propylbenzene

Concen: 51.398 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY012982.D

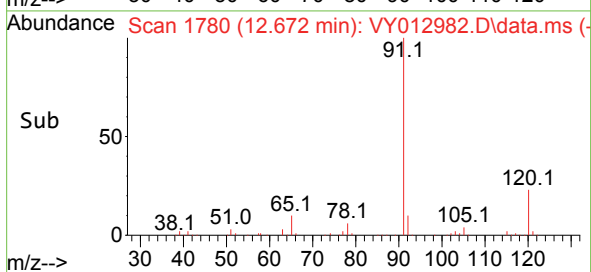
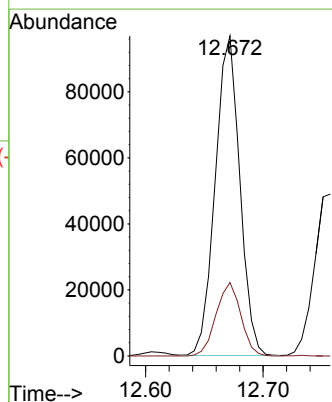
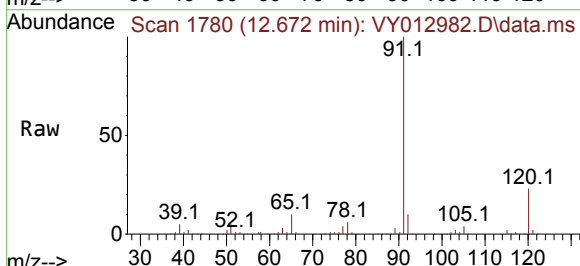
Acq: 16 Mar 2023 19:49

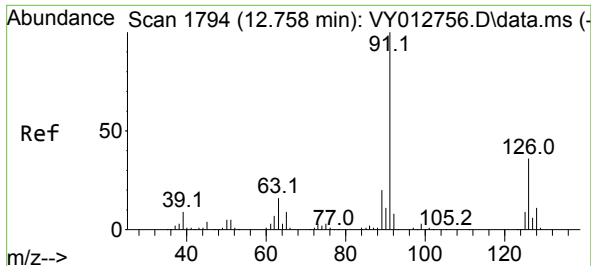
Tgt Ion: 91 Resp: 140535

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8





#79

2-Chlorotoluene

Concen: 51.090 ug/l

RT: 12.757 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

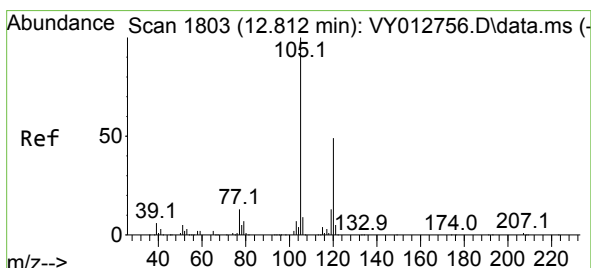
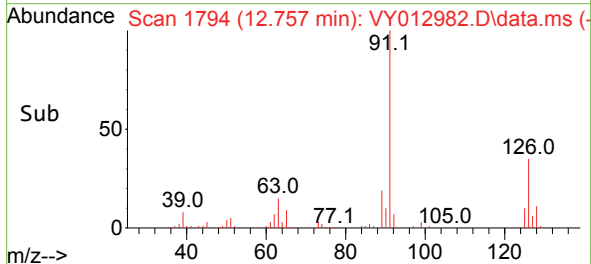
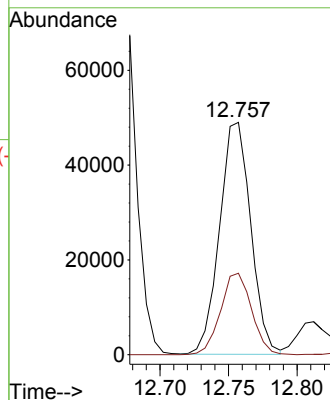
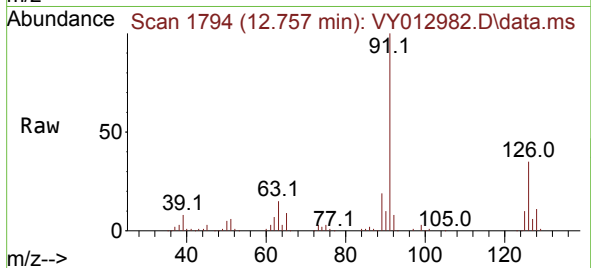
VSTDCCC050EC

Tgt Ion: 91 Resp: 77639

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 51.838 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY012982.D

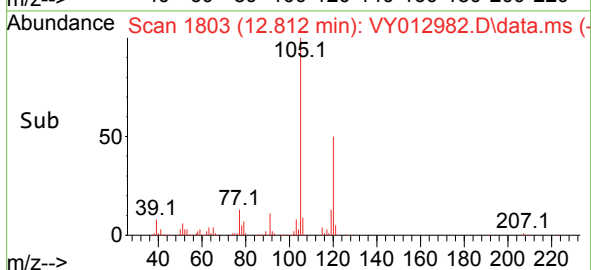
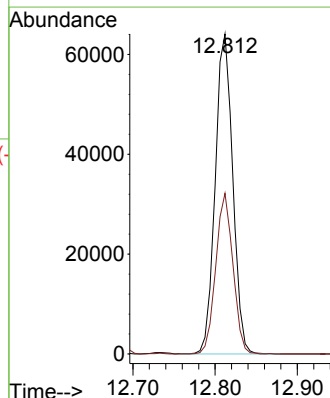
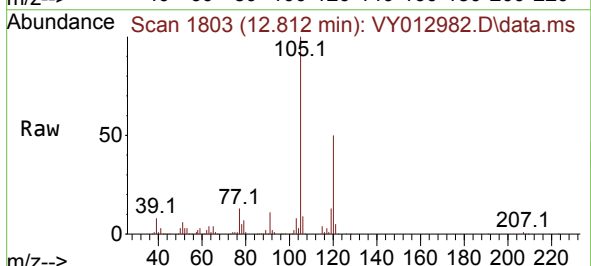
Acq: 16 Mar 2023 19:49

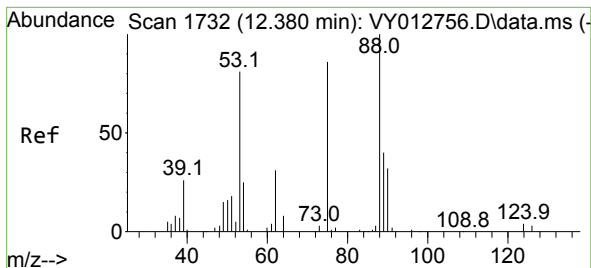
Tgt Ion:105 Resp: 94876

Ion Ratio Lower Upper

105 100

120 49.2 24.8 74.4

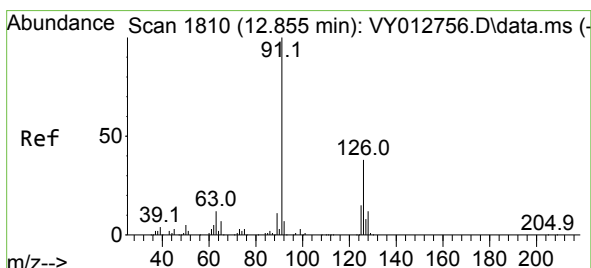
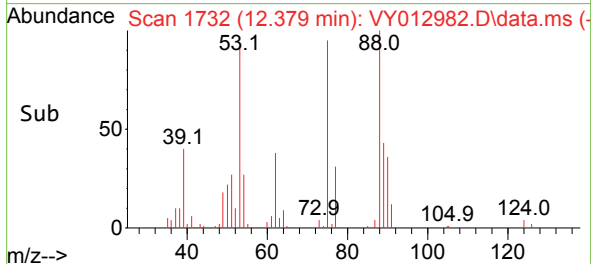
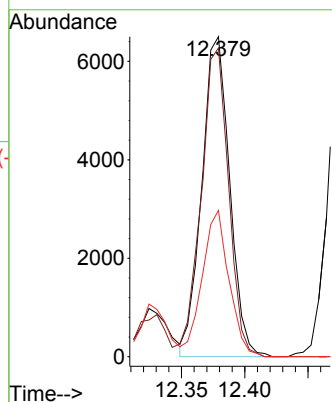
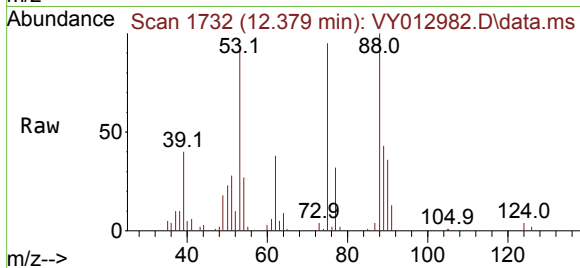




#81
trans-1,4-Dichloro-2-butene
Concen: 55.226 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

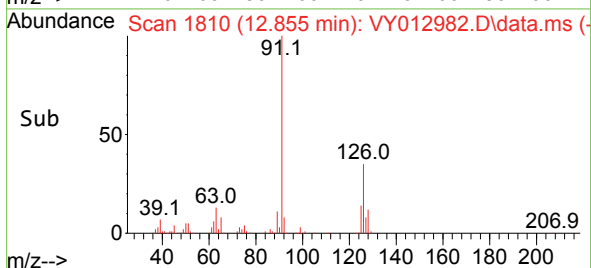
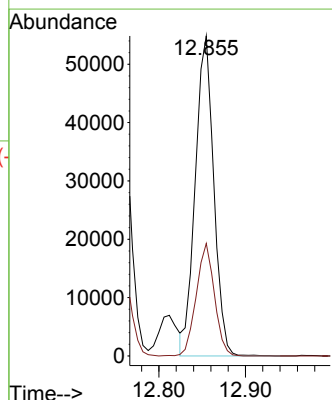
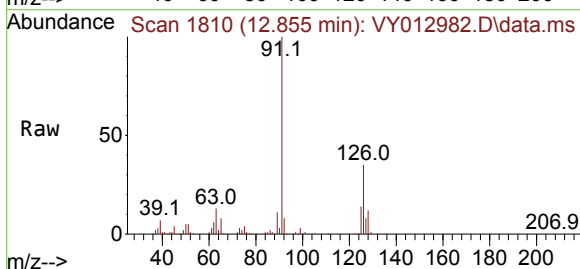
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

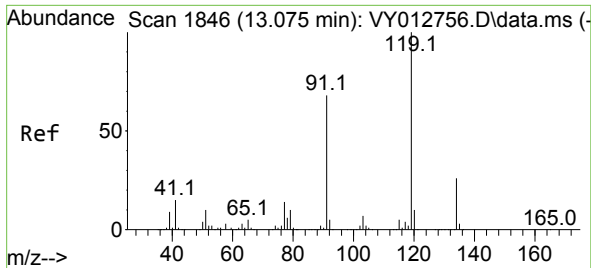
Tgt Ion:	75	Resp:	9960
Ion	Ratio	Lower	Upper
75	100		
53	95.1	73.4	110.0
89	44.1	36.6	55.0



#82
4-Chlorotoluene
Concen: 51.636 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion:	91	Resp:	81227
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.7	53.1

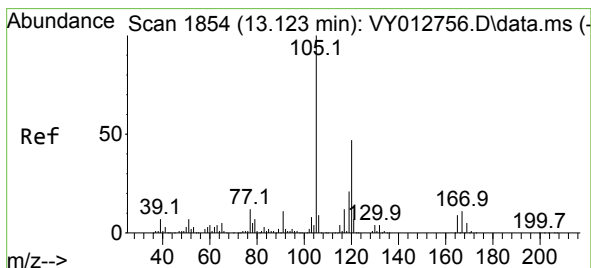
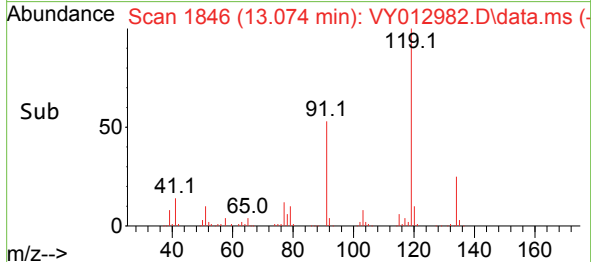
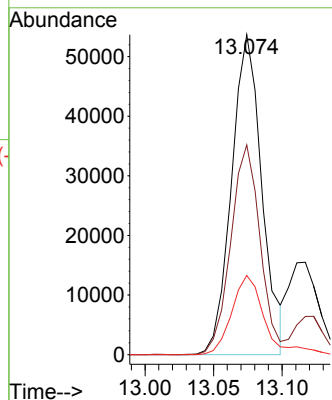
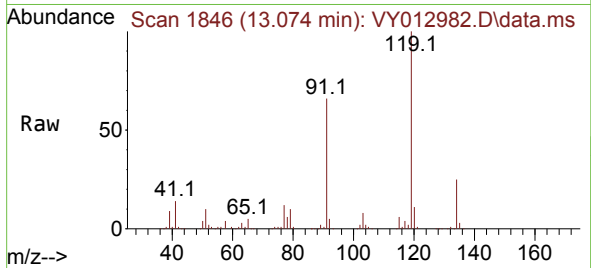




#83
tert-Butylbenzene
Concen: 52.410 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

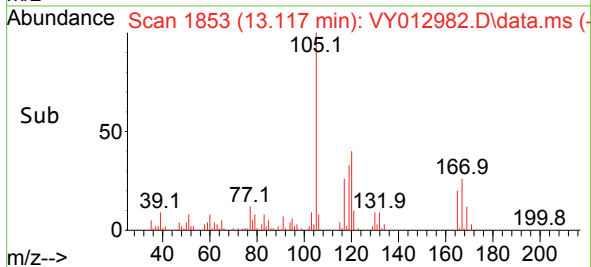
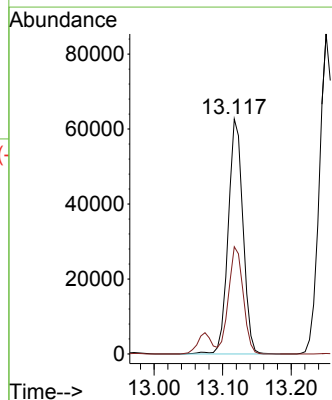
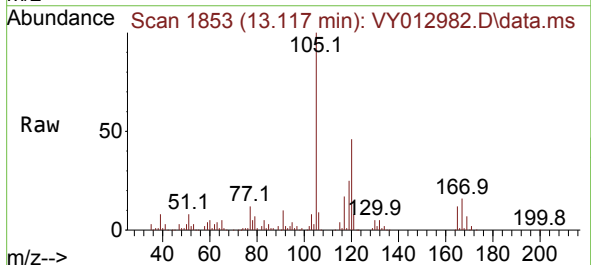
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

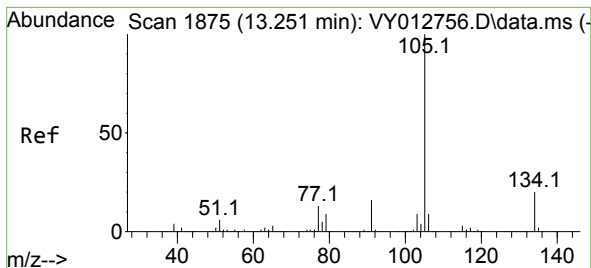
Tgt Ion:119 Resp: 82792
Ion Ratio Lower Upper
119 100
91 63.4 32.8 98.3
134 26.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 52.269 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.007 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion:105 Resp: 93545
Ion Ratio Lower Upper
105 100
120 45.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 52.006 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

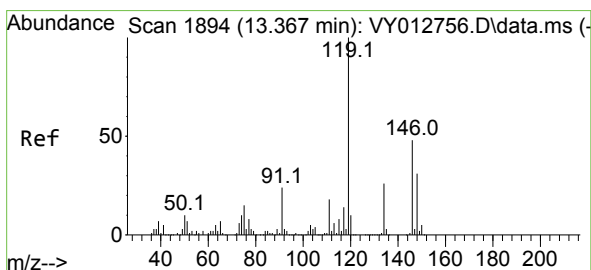
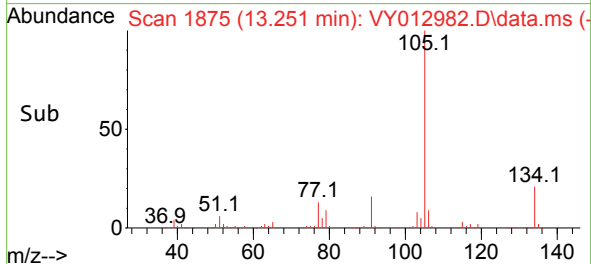
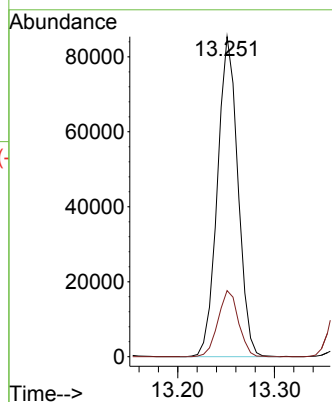
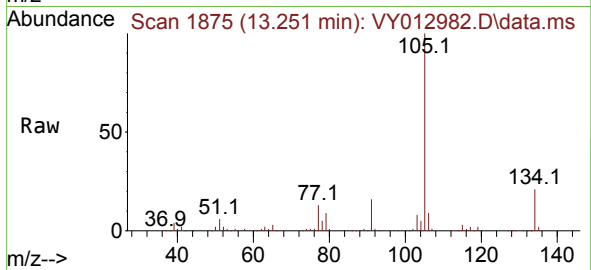
VSTDCCC050EC

Tgt Ion:105 Resp: 125333

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.637 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

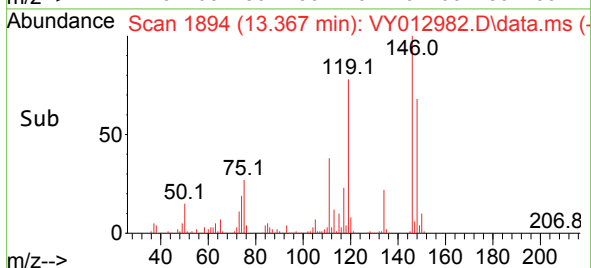
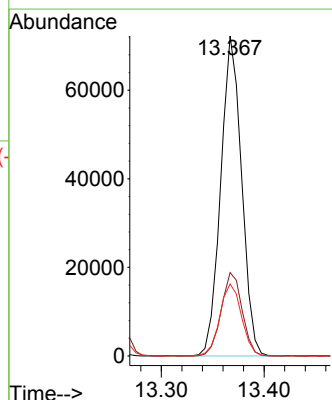
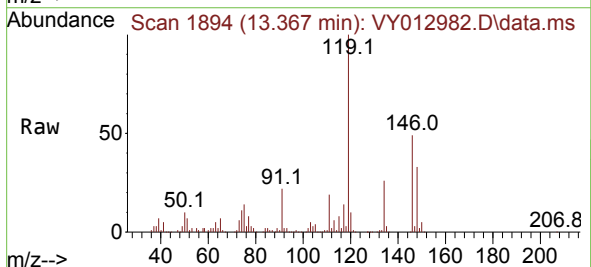
Tgt Ion:119 Resp: 101706

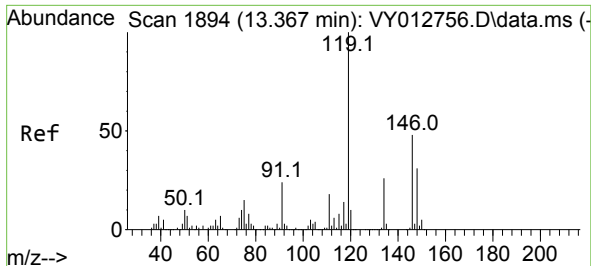
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.6

91 23.5 11.8 35.3

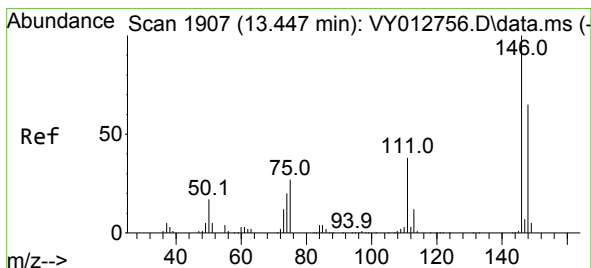
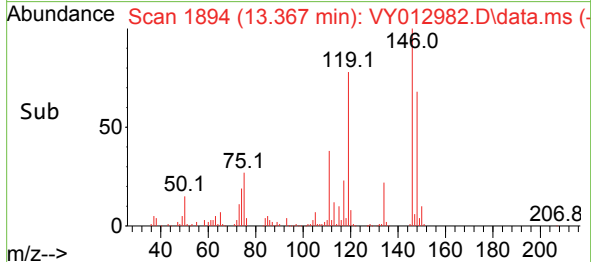
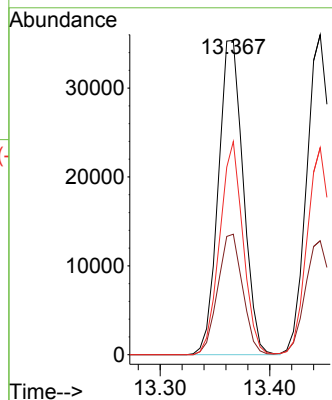
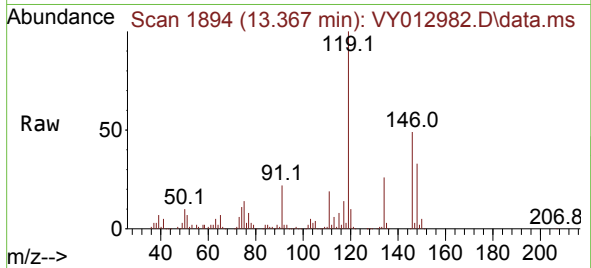




#87
1,3-Dichlorobenzene
Concen: 53.832 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

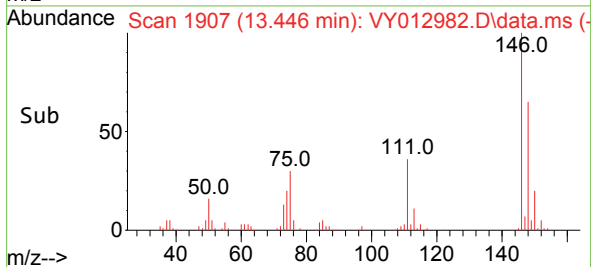
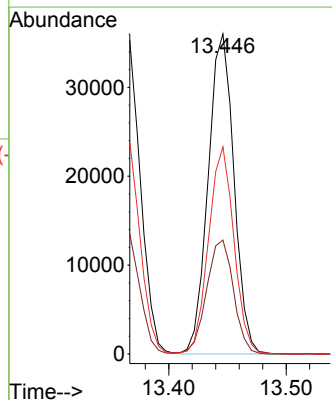
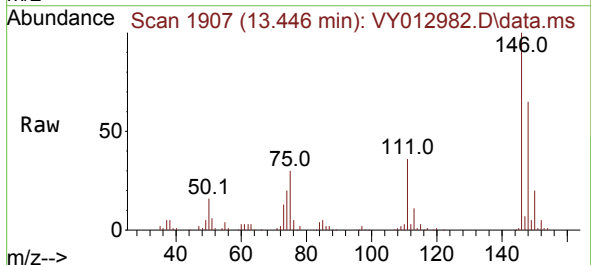
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

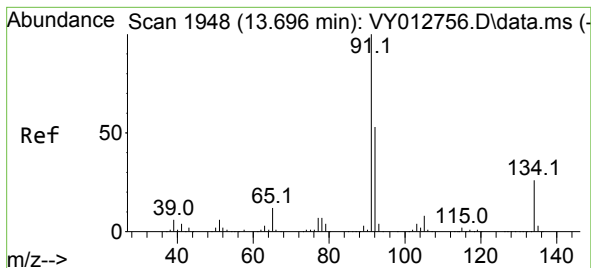
Tgt Ion:146 Resp: 55937
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.5
148 63.2 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 51.908 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY012982.D
Acq: 16 Mar 2023 19:49

Tgt Ion:146 Resp: 55049
Ion Ratio Lower Upper
146 100
111 37.1 18.6 55.8
148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 50.476 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

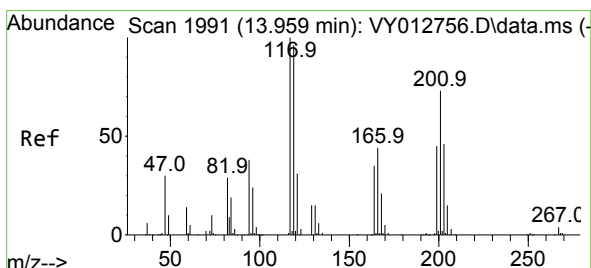
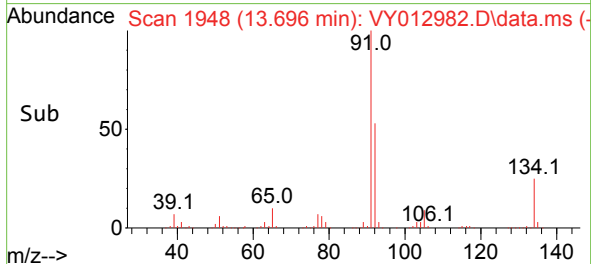
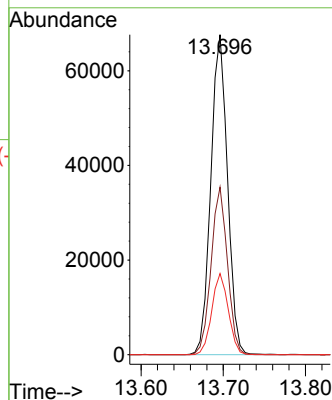
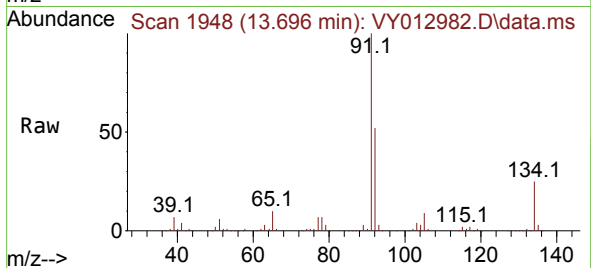
Tgt Ion: 91 Resp: 95176

Ion Ratio Lower Upper

91 100

92 51.5 26.4 79.0

134 25.1 13.0 38.9



#90

Hexachloroethane

Concen: 52.027 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012982.D

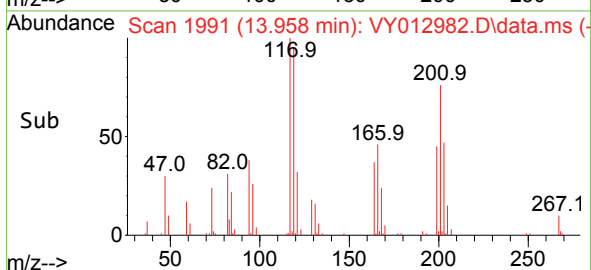
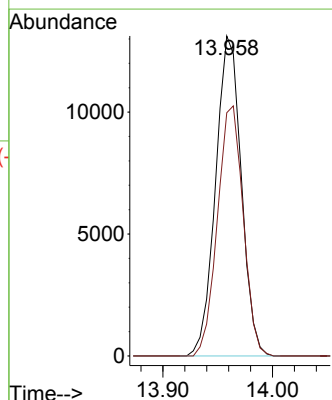
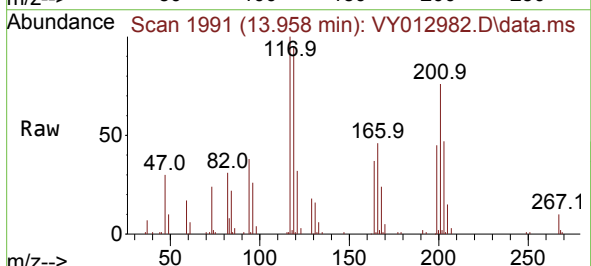
Acq: 16 Mar 2023 19:49

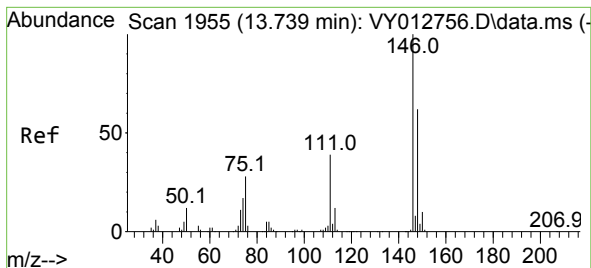
Tgt Ion: 117 Resp: 21343

Ion Ratio Lower Upper

117 100

201 78.3 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 54.115 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

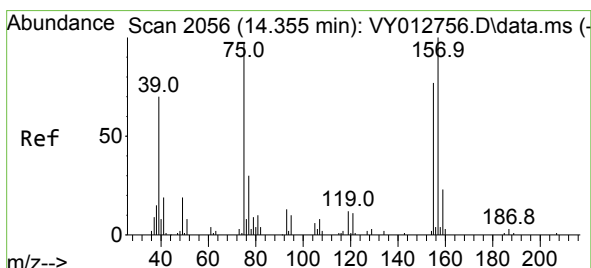
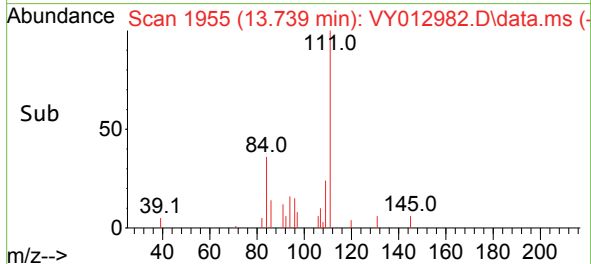
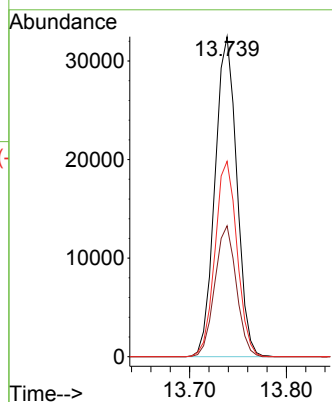
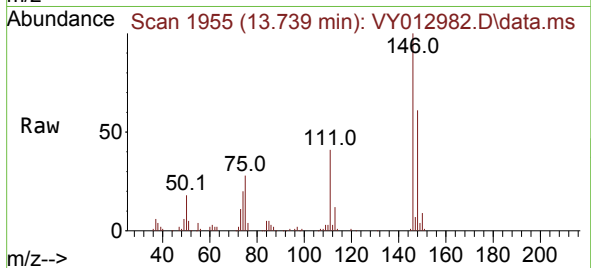
Tgt Ion:146 Resp: 50831

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.1

148 61.8 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 60.543 ug/l

RT: 14.354 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

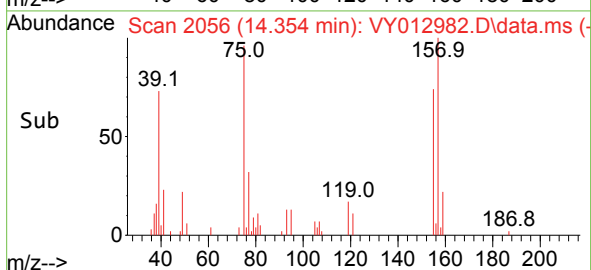
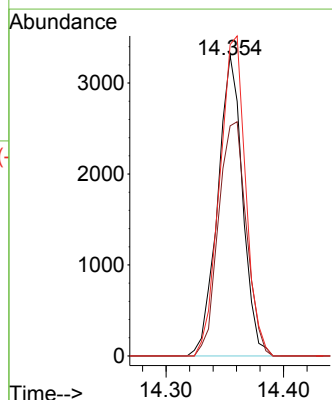
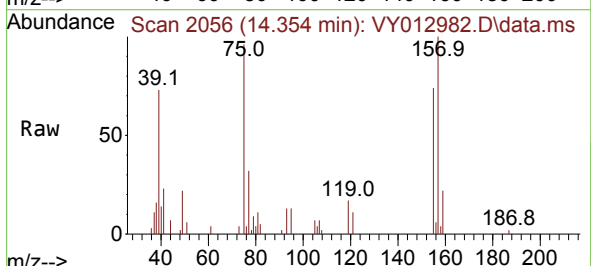
Tgt Ion: 75 Resp: 4878

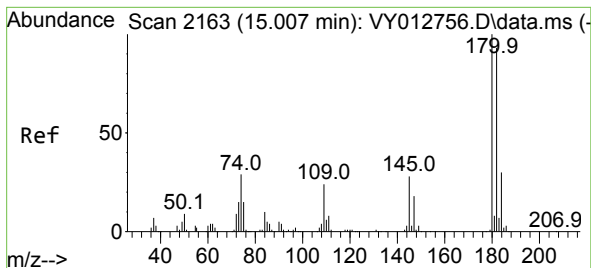
Ion Ratio Lower Upper

75 100

155 86.9 43.8 131.4

157 110.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 47.450 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

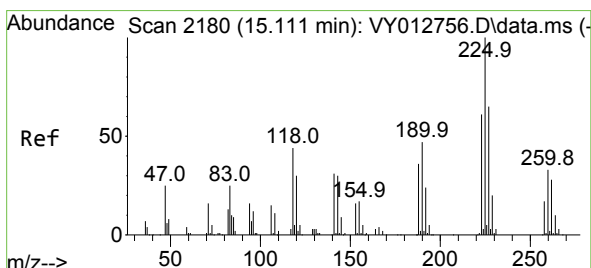
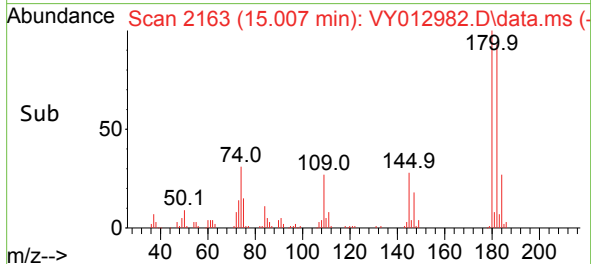
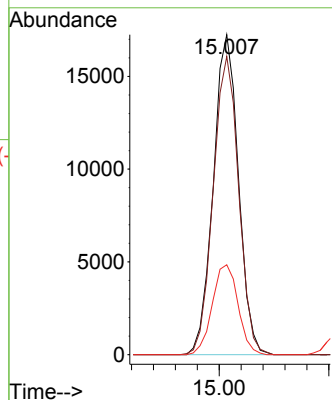
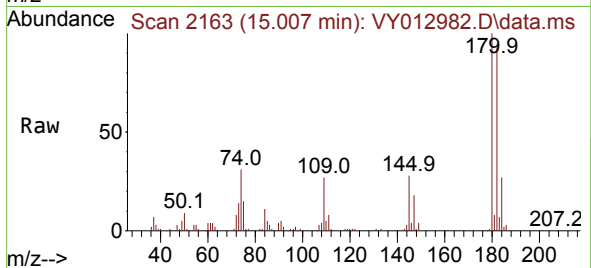
Tgt Ion:180 Resp: 27442

Ion Ratio Lower Upper

180 100

182 94.3 46.7 140.1

145 28.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 49.328 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

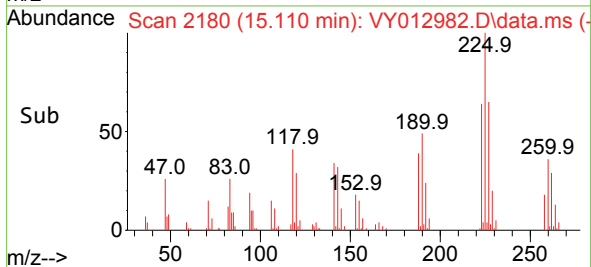
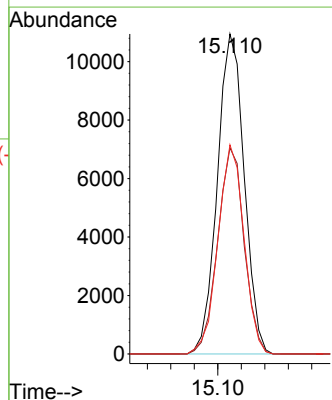
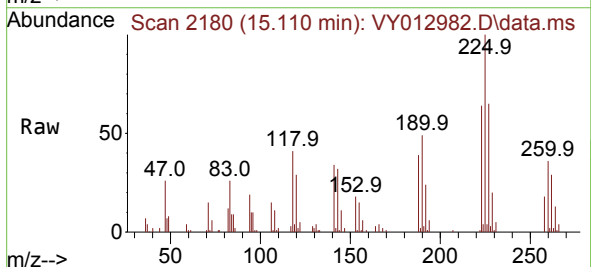
Tgt Ion:225 Resp: 17400

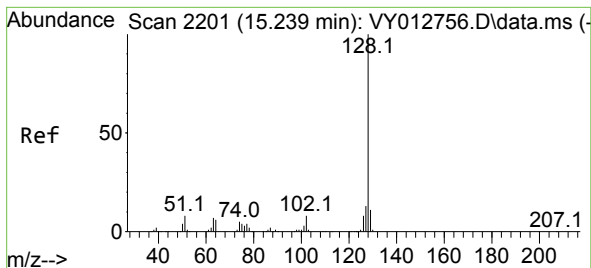
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.3

227 63.2 32.4 97.0





#95

Naphthalene

Concen: 49.666 ug/l

RT: 15.232 min Scan# 21

Delta R.T. -0.007 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

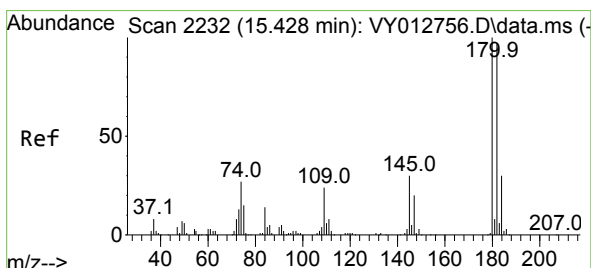
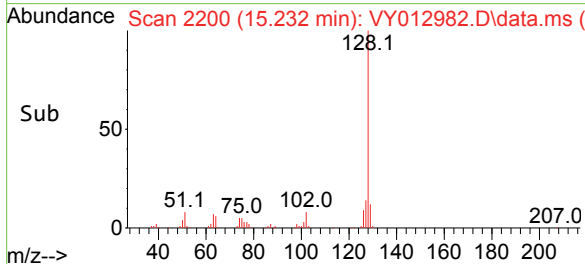
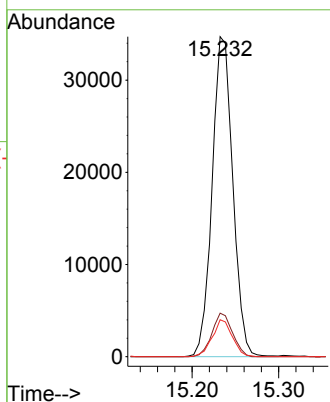
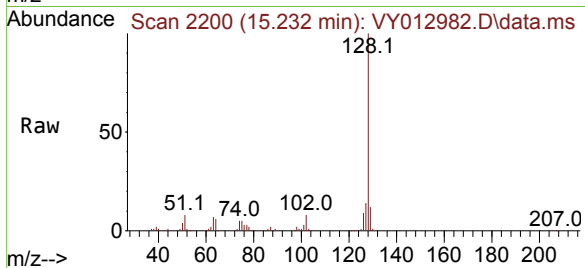
Tgt Ion:128 Resp: 57560

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.809 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY012982.D

Acq: 16 Mar 2023 19:49

Tgt Ion:180 Resp: 24591

Ion Ratio Lower Upper

180 100

182 93.7 47.4 142.3

145 32.2 15.3 45.8

