

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012884.D
 Acq On : 08 Mar 2023 20:19
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 09 00:40:37 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	105118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	162901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	149810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49158	47.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.200%
35) Dibromofluoromethane	7.716	113	45788	46.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.140%
50) Toluene-d8	10.179	98	160746	44.726	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.460%
62) 4-Bromofluorobenzene	12.483	95	57995	47.808	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48975	47.269	ug/l	98
3) Chloromethane	2.113	50	56789	45.848	ug/l	100
4) Vinyl Chloride	2.253	62	56522	49.763	ug/l	99
5) Bromomethane	2.650	94	35676	51.692	ug/l	93
6) Chloroethane	2.790	64	34817	51.183	ug/l	96
7) Trichlorofluoromethane	3.125	101	93635	49.635	ug/l	100
8) Diethyl Ether	3.528	74	34334	51.936	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	55877	49.232	ug/l	97
10) Methyl Iodide	4.088	142	72703	49.162	ug/l	98
11) Tert butyl alcohol	4.954	59	34309	288.989	ug/l	99
12) 1,1-Dichloroethene	3.869	96	54217	50.086	ug/l	98
13) Acrolein	3.729	56	40332	220.571	ug/l	99
14) Allyl chloride	4.485	41	101038	50.530	ug/l	100
15) Acrylonitrile	5.161	53	97864	280.954	ug/l	100
16) Acetone	3.948	43	98187	239.683	ug/l	98
17) Carbon Disulfide	4.192	76	173853	47.184	ug/l	100
18) Methyl Acetate	4.479	43	68385	56.056	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	154320	55.193	ug/l	99
20) Methylene Chloride	4.710	84	68063	54.983	ug/l	99
21) trans-1,2-Dichloroethene	5.216	96	59458	50.545	ug/l	94
22) Diisopropyl ether	6.119	45	192405	52.978	ug/l	97
23) Vinyl Acetate	6.058	43	618518	274.097	ug/l	99
24) 1,1-Dichloroethane	6.015	63	106338	51.384	ug/l	99
25) 2-Butanone	6.984	43	137523	271.039	ug/l	97
26) 2,2-Dichloropropane	6.984	77	90511	49.243	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	68084	53.984	ug/l	96
28) Bromochloromethane	7.332	49	40894	54.072	ug/l	96
29) Tetrahydrofuran	7.350	42	88762	290.055	ug/l	98
30) Chloroform	7.509	83	109325	53.482	ug/l	99
31) Cyclohexane	7.783	56	93342	46.698	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	95761	51.802	ug/l	98
36) 1,1-Dichloropropene	7.917	75	82725	50.213	ug/l	100
37) Ethyl Acetate	7.076	43	57956	55.814	ug/l	99
38) Carbon Tetrachloride	7.899	117	88692	52.133	ug/l	95
39) Methylcyclohexane	9.185	83	98184	50.129	ug/l	98
40) Benzene	8.161	78	241938	51.915	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	81274	145.275	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	74853	53.425	ug/l	99
43) Isopropyl Acetate	8.271	43	102150	55.139	ug/l	99
44) Trichloroethene	8.941	130	63821	51.942	ug/l	100
45) 1,2-Dichloropropane	9.216	63	61198	51.961	ug/l	97
46) Dibromomethane	9.307	93	36358	54.187	ug/l	97
47) Bromodichloromethane	9.496	83	84378	53.364	ug/l	99
48) Methyl methacrylate	9.289	41	49408	57.880	ug/l	99
49) 1,4-Dioxane	9.301	88	10410	1200.134	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	294786	293.345	ug/l	99
52) Toluene	10.246	92	149068	53.039	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	89627	54.041	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	99356	52.928	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	50982	54.559	ug/l	97
56) Ethyl methacrylate	10.508	69	72480	58.172	ug/l	98
57) 1,3-Dichloropropane	10.788	76	87878	55.215	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	186677	285.404	ug/l	100
59) 2-Hexanone	10.831	43	212212	290.561	ug/l	99
60) Dibromochloromethane	10.984	129	62215	54.696	ug/l	98
61) 1,2-Dibromoethane	11.087	107	49688	55.201	ug/l	98
64) Tetrachloroethene	10.721	164	55186	50.596	ug/l	98
65) Chlorobenzene	11.514	112	160084	50.915	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	59710	51.322	ug/l	98
67) Ethyl Benzene	11.593	91	285081	51.571	ug/l	100
68) m/p-Xylenes	11.703	106	219233	103.093	ug/l	98
69) o-Xylene	12.032	106	105526	53.170	ug/l	99
70) Styrene	12.044	104	177382	53.557	ug/l	99
71) Bromoform	12.209	173	41386	54.558	ug/l #	99
73) Isopropylbenzene	12.331	105	276130	51.289	ug/l	100
74) N-amyl acetate	12.142	43	91667	54.114	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	65053	53.752	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	83640	92.199	ug/l #	100
77) Bromobenzene	12.605	156	66723	51.015	ug/l	99
78) n-propylbenzene	12.672	91	338375	50.978	ug/l	100
79) 2-Chlorotoluene	12.758	91	189014	51.236	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	230285	51.830	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	22747	51.956	ug/l	99
82) 4-Chlorotoluene	12.855	91	195012	51.066	ug/l	99
83) tert-Butylbenzene	13.075	119	201081	52.434	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	225670	51.942	ug/l	100
85) sec-Butylbenzene	13.251	105	297909	50.921	ug/l	99
86) p-Isopropyltoluene	13.367	119	244665	51.169	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	127478	50.536	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	128646	49.969	ug/l	99
89) n-Butylbenzene	13.696	91	233737	51.063	ug/l	99
90) Hexachloroethane	13.959	117	49919	50.126	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	118819	52.107	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11109	56.796	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	72570	51.689	ug/l	97
94) Hexachlorobutadiene	15.111	225	41466	48.424	ug/l	98
95) Naphthalene	15.233	128	166352	59.127	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	65572	52.514	ug/l	99

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QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

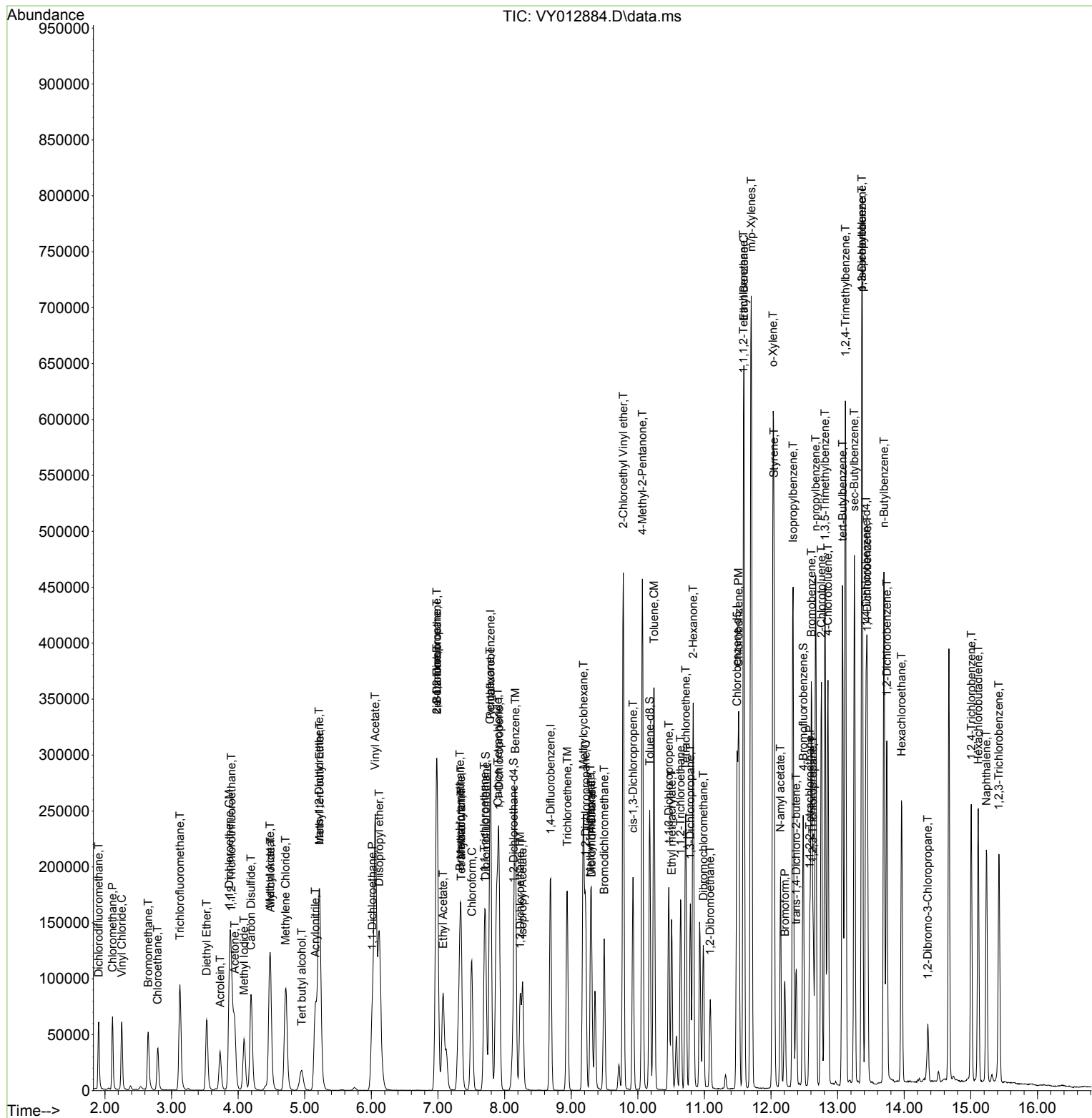
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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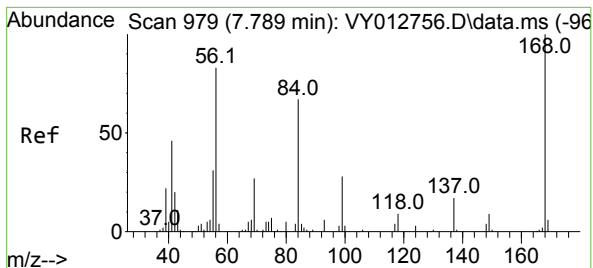
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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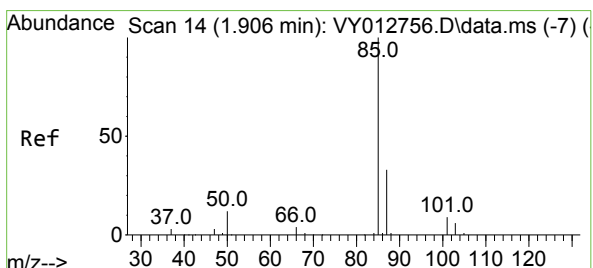
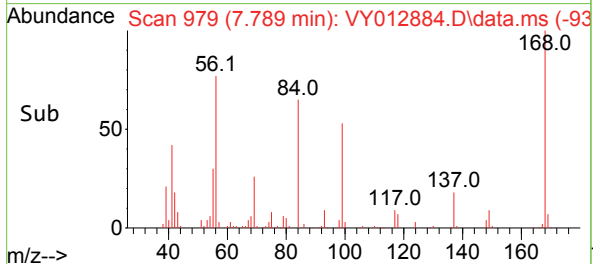
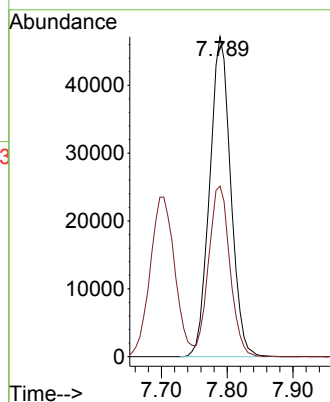
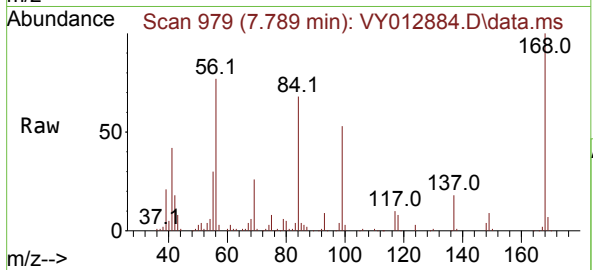




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012884.D
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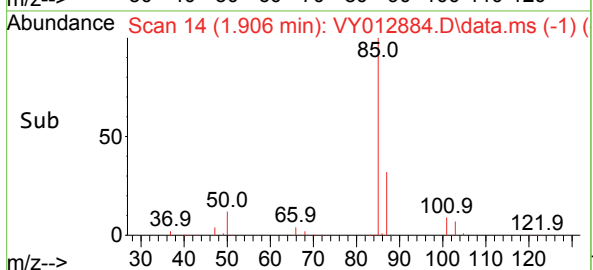
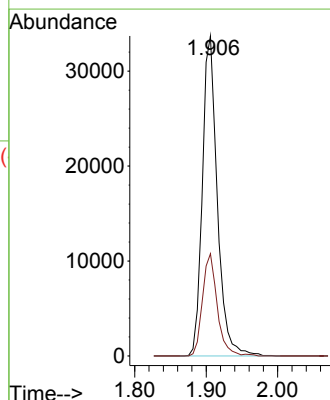
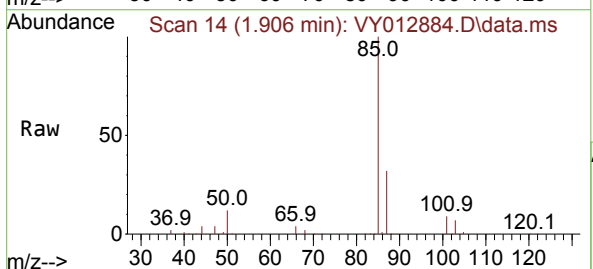
Instrument :
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ClientSampleId :
VSTDCCC050EC

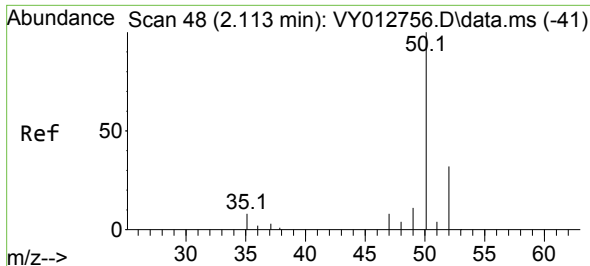
Tgt Ion:168 Resp: 105118
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 47.269 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 85 Resp: 48975
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.0

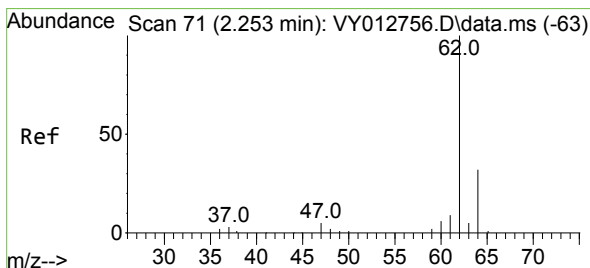
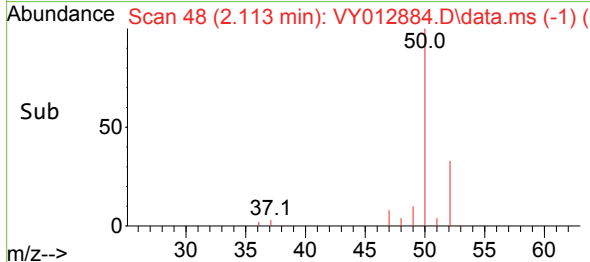
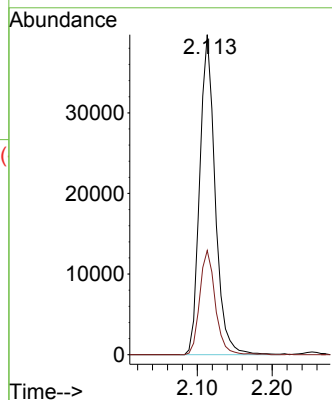
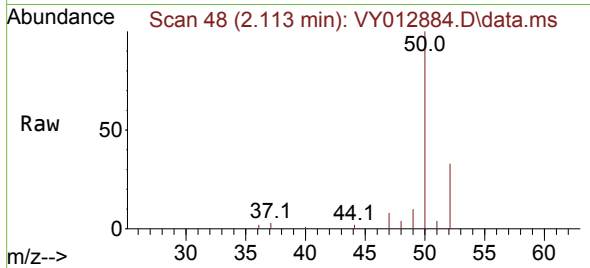




#3
Chloromethane
Concen: 45.848 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

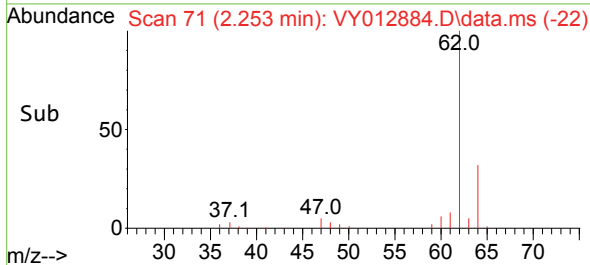
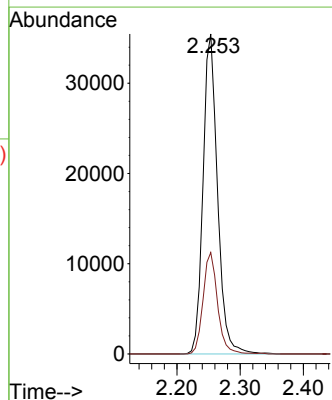
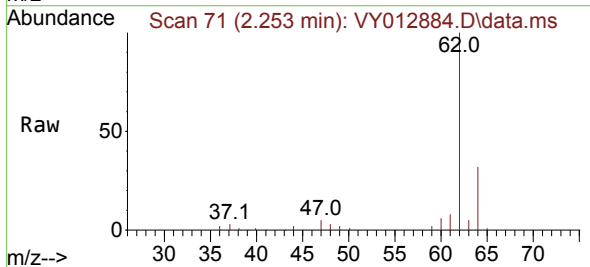
Instrument :
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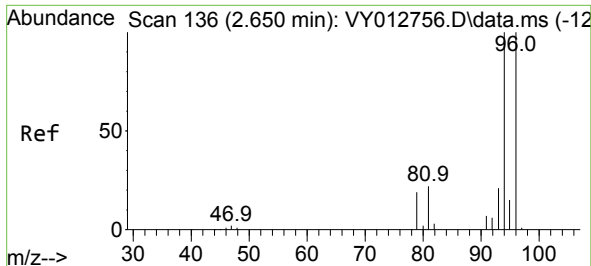
Tgt Ion: 50 Resp: 56789
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 49.763 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 62 Resp: 56522
Ion Ratio Lower Upper
62 100
64 31.7 25.6 38.4





#5

Bromomethane

Concen: 51.692 ug/l

RT: 2.650 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

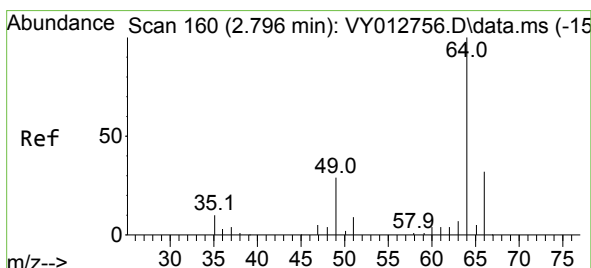
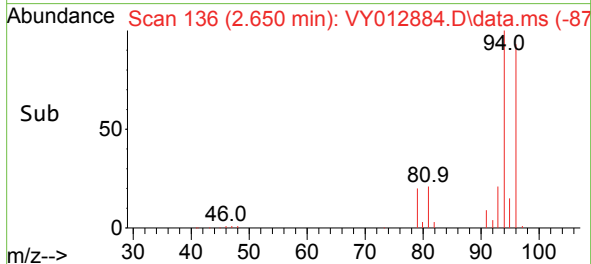
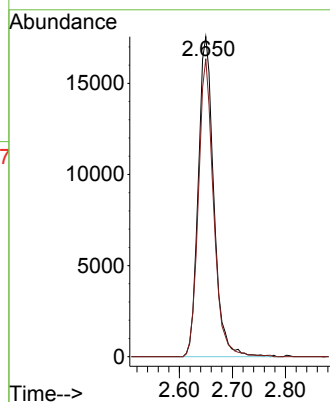
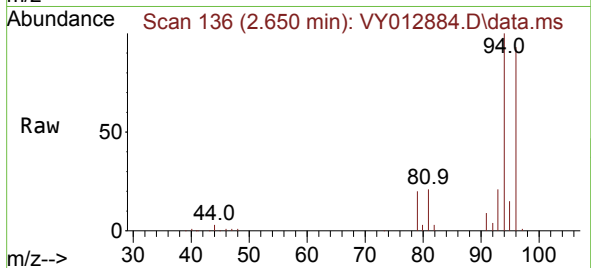
VSTDCCC050EC

Tgt Ion: 94 Resp: 35676

Ion Ratio Lower Upper

94 100

96 93.1 80.3 120.5



#6

Chloroethane

Concen: 51.183 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY012884.D

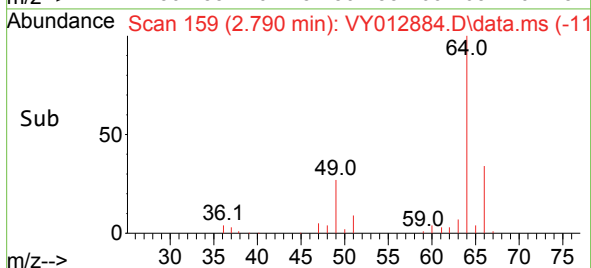
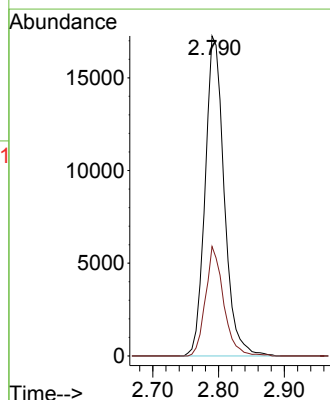
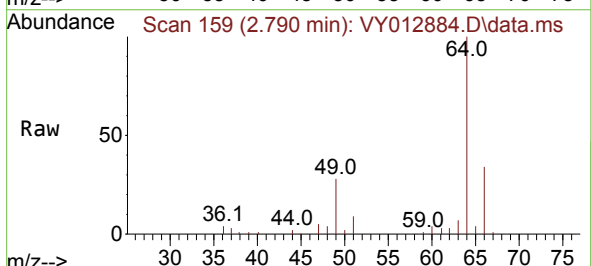
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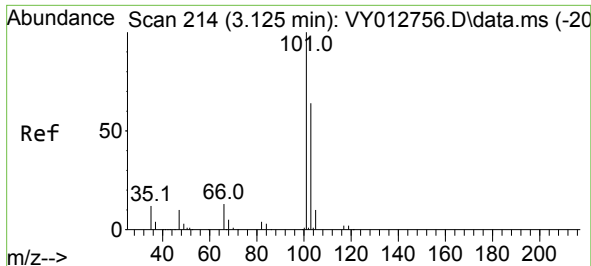
Tgt Ion: 64 Resp: 34817

Ion Ratio Lower Upper

64 100

66 34.2 25.7 38.5

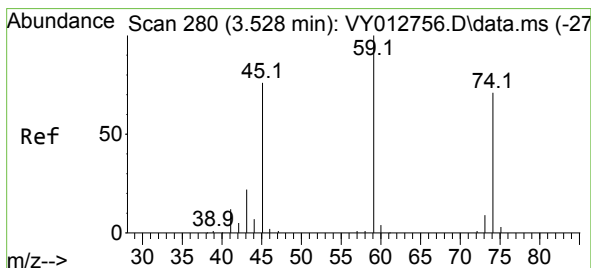
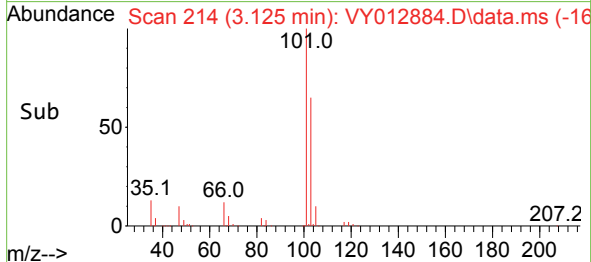
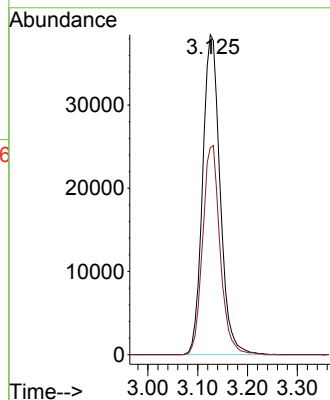
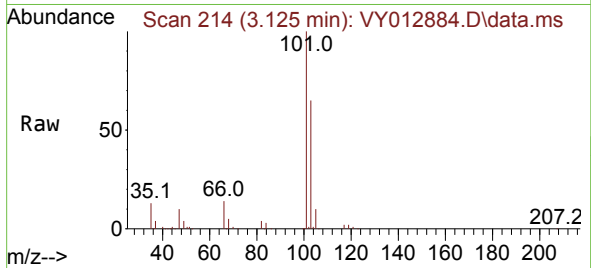




#7
Trichlorofluoromethane
Concen: 49.635 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

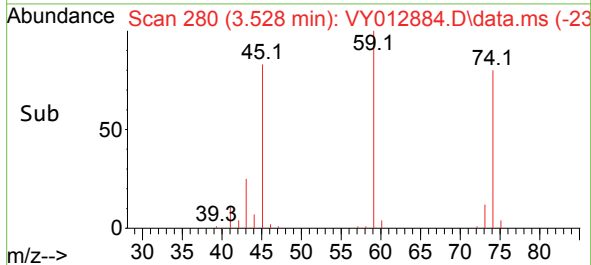
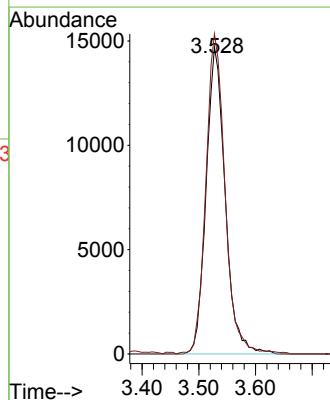
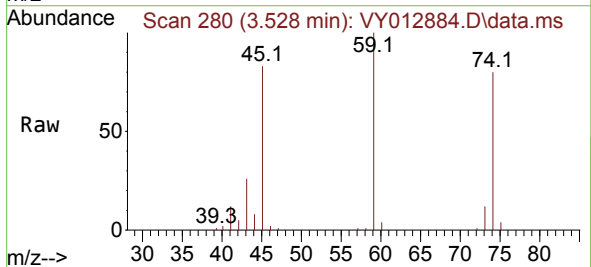
Instrument :
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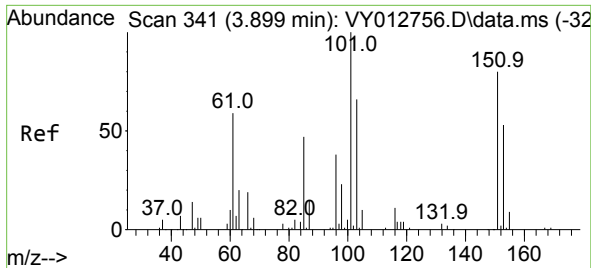
Tgt Ion:101 Resp: 93635
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3



#8
Diethyl Ether
Concen: 51.936 ug/l
RT: 3.528 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 74 Resp: 34334
Ion Ratio Lower Upper
74 100
45 104.9 52.1 156.4

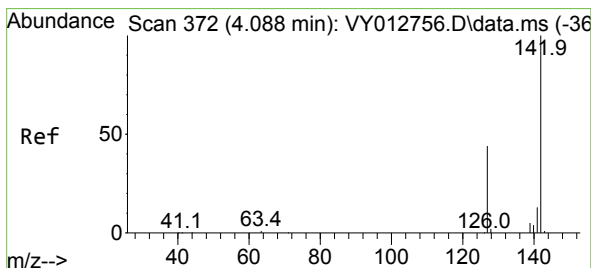
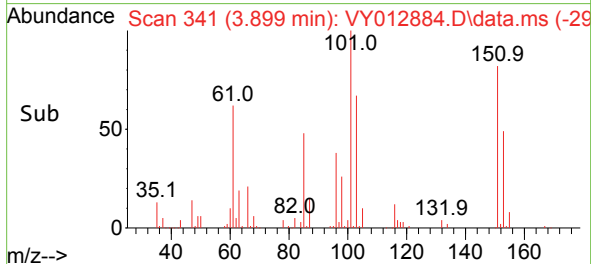
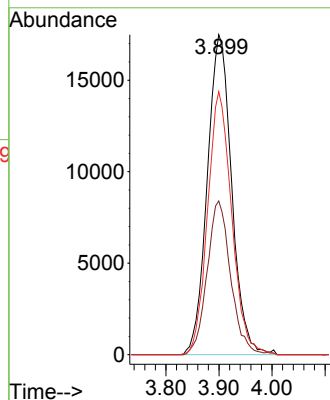
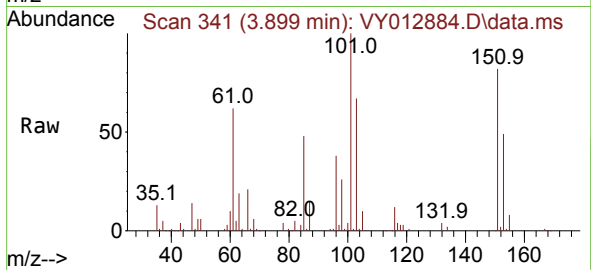




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.232 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

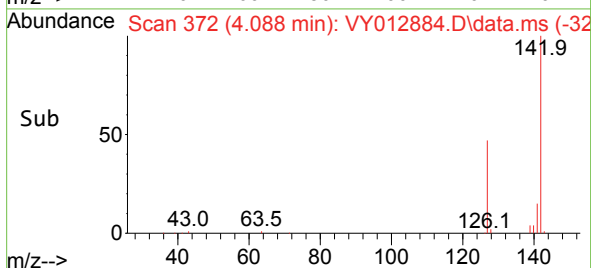
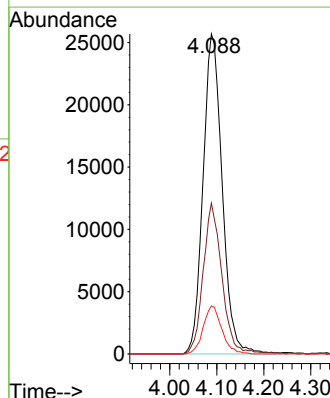
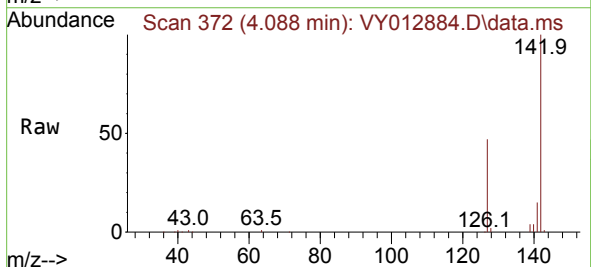
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

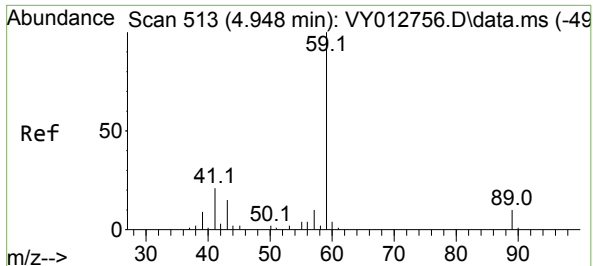
Tgt Ion:101 Resp: 55877
Ion Ratio Lower Upper
101 100
85 46.5 35.3 52.9
151 81.3 63.1 94.7



#10
Methyl Iodide
Concen: 49.162 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion:142 Resp: 72703
Ion Ratio Lower Upper
142 100
127 46.2 35.4 53.2
141 14.5 11.3 16.9

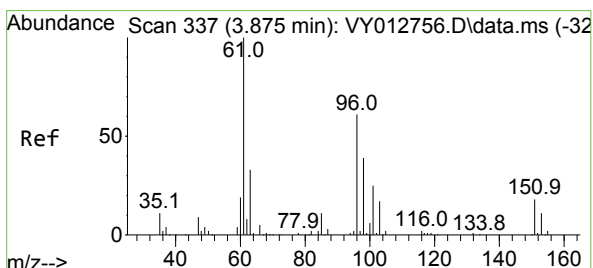
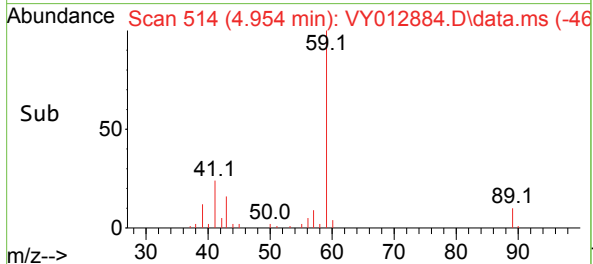
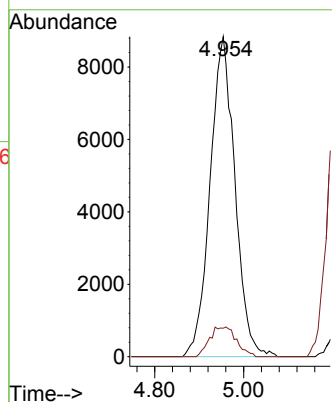
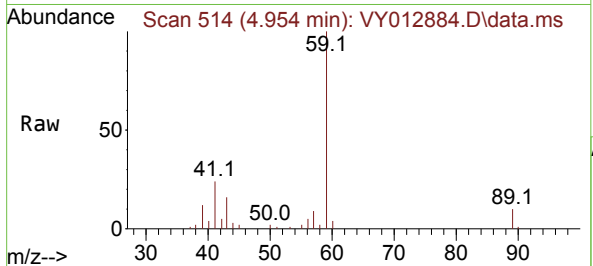




#11
Tert butyl alcohol
Concen: 288.989 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

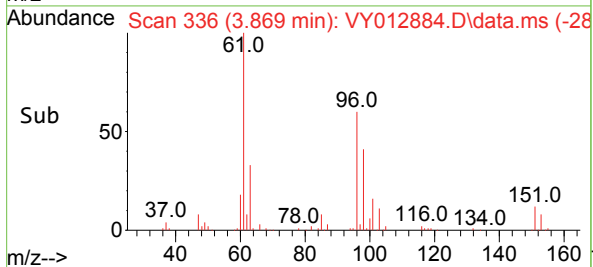
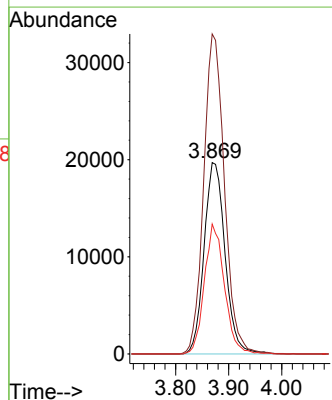
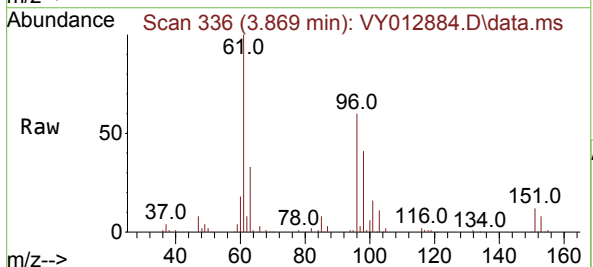
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

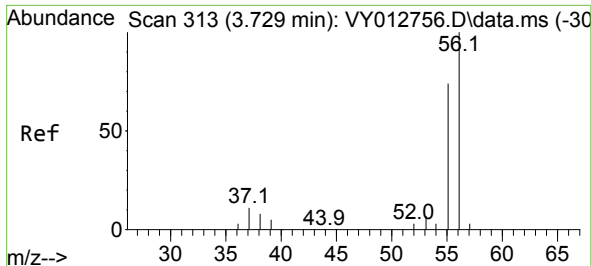
Tgt Ion: 59 Resp: 34309
Ion Ratio Lower Upper
59 100
57 10.0 7.7 11.5



#12
1,1-Dichloroethene
Concen: 50.086 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 96 Resp: 54217
Ion Ratio Lower Upper
96 100
61 167.3 131.7 197.5
98 67.9 52.0 78.0





#13

Acrolein

Concen: 220.571 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

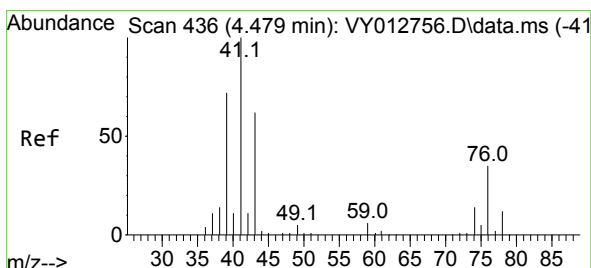
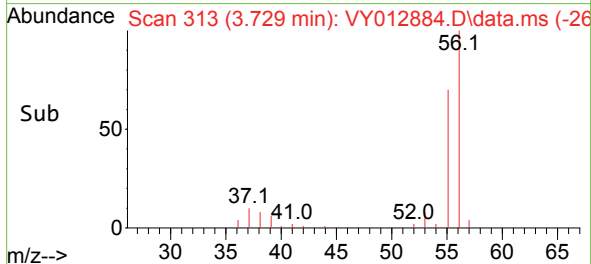
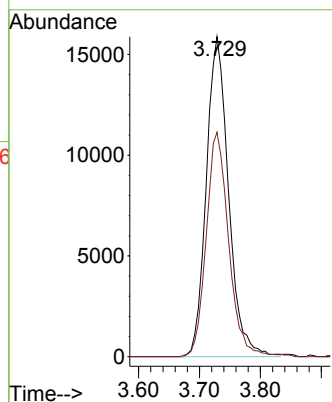
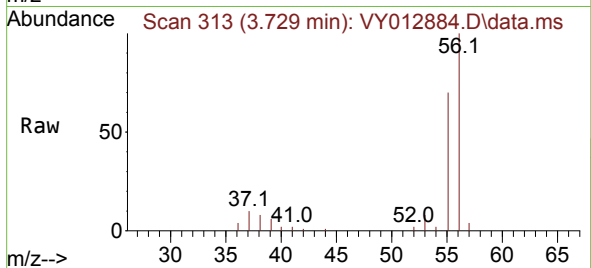
VSTDCCC050EC

Tgt Ion: 56 Resp: 40332

Ion Ratio Lower Upper

56 100

55 70.4 56.8 85.2



#14

Allyl chloride

Concen: 50.530 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

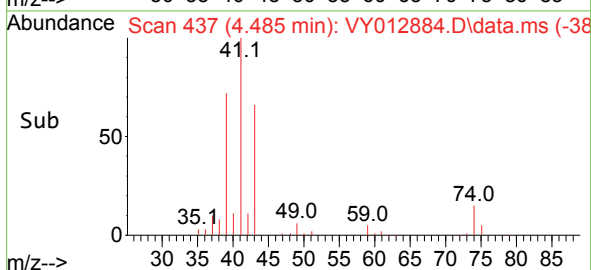
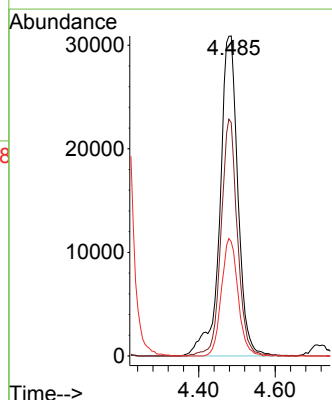
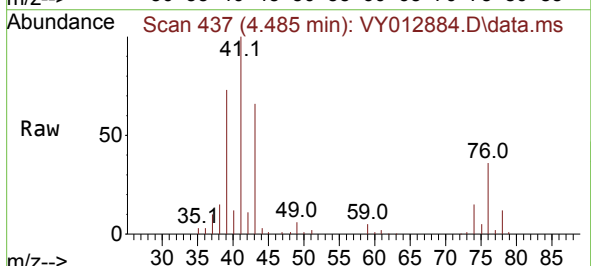
Tgt Ion: 41 Resp: 101038

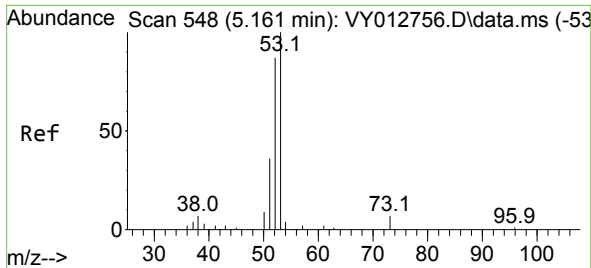
Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 33.8 27.2 40.8

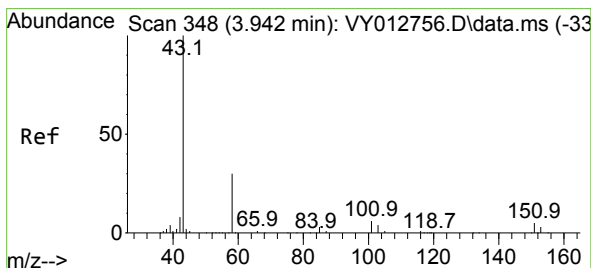
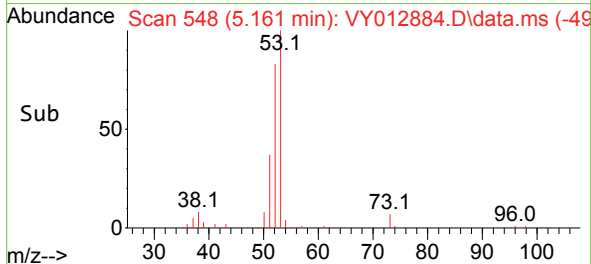
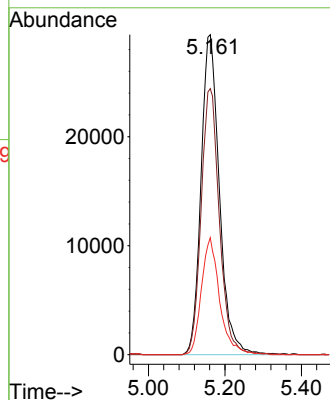
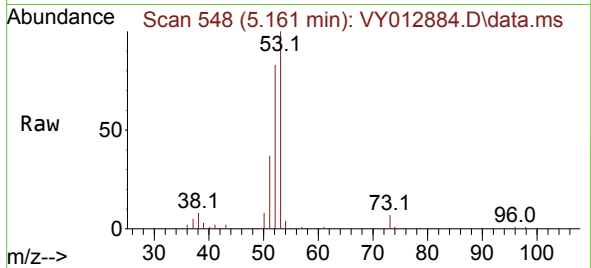




#15
Acrylonitrile
Concen: 280.954 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

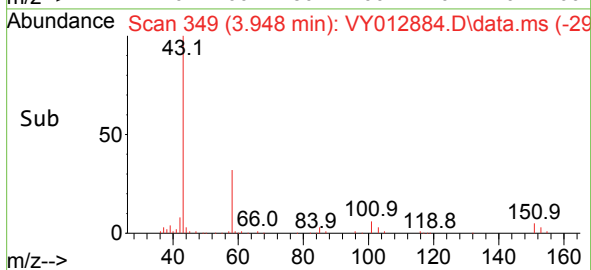
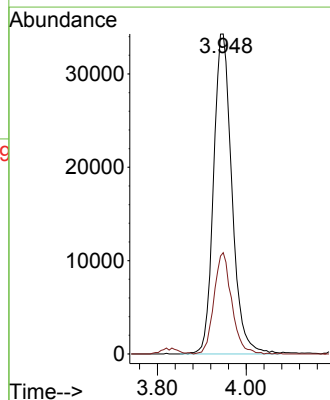
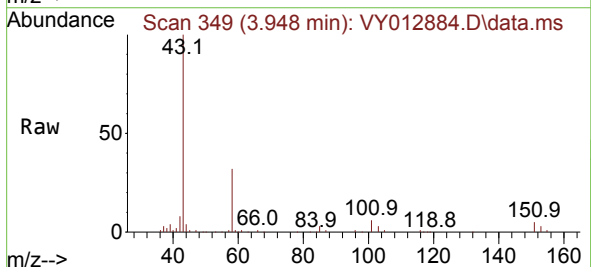
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

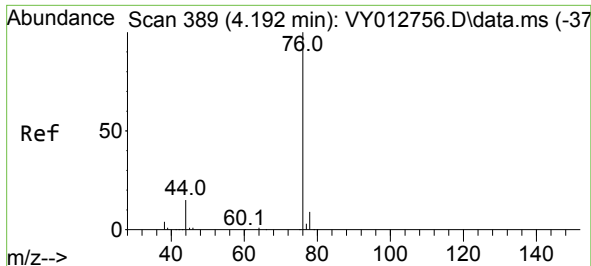
Tgt Ion: 53	Resp: 97864
Ion Ratio	Lower Upper
53 100	
52 82.6	66.3 99.5
51 36.3	28.8 43.2



#16
Acetone
Concen: 239.683 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 43	Resp: 98187
Ion Ratio	Lower Upper
43 100	
58 31.4	24.2 36.2

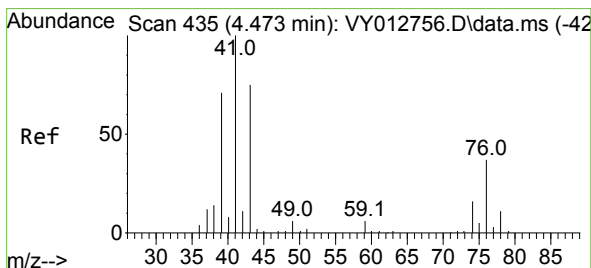
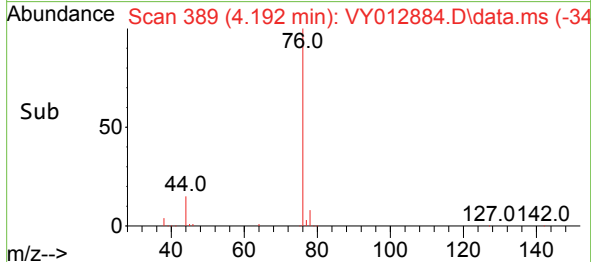
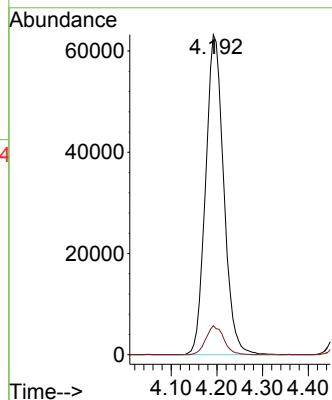
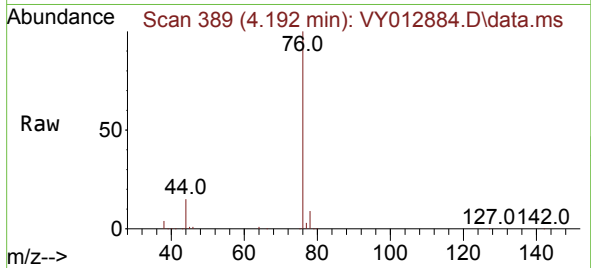




#17
Carbon Disulfide
Concen: 47.184 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

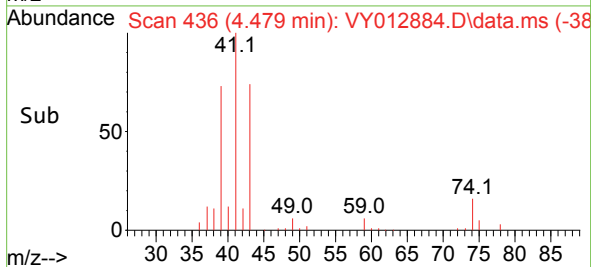
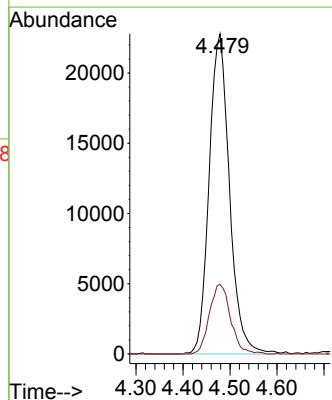
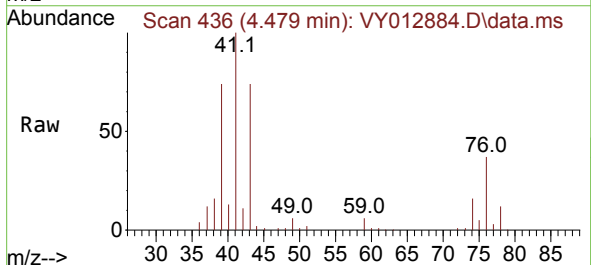
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

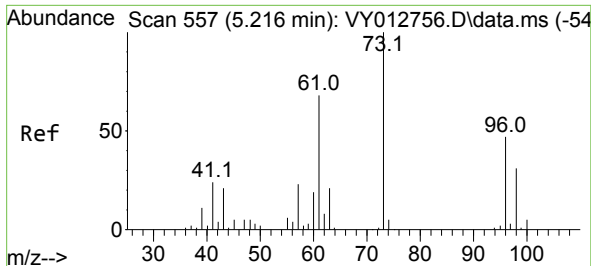
Tgt Ion: 76 Resp: 173853
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 56.056 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 43 Resp: 68385
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0

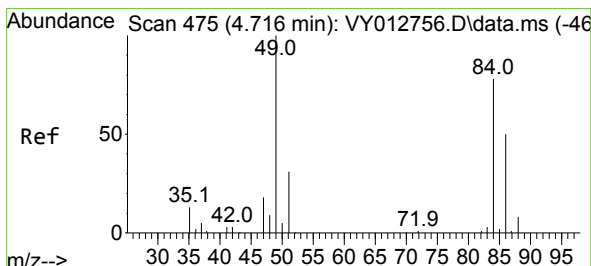
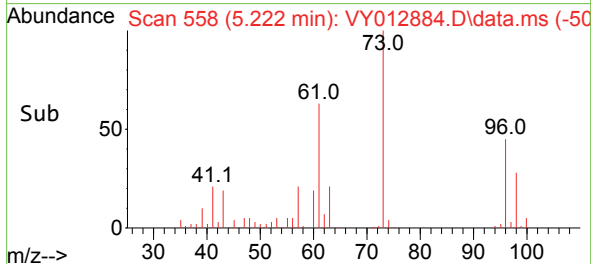
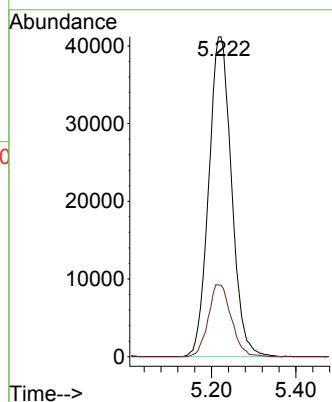
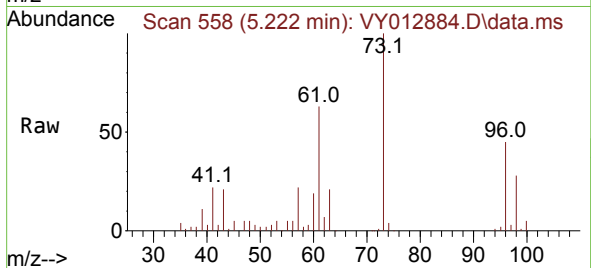




#19
Methyl tert-butyl Ether
Concen: 55.193 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

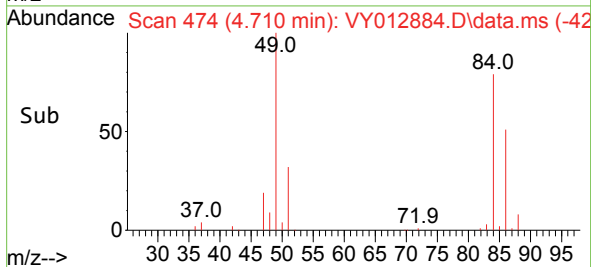
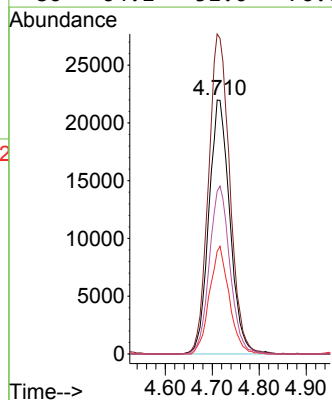
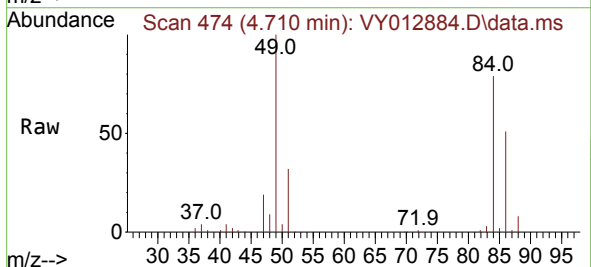
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

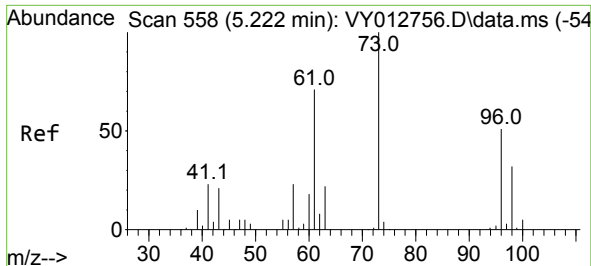
Tgt Ion: 73 Resp: 154320
Ion Ratio Lower Upper
73 100
57 22.4 18.3 27.5



#20
Methylene Chloride
Concen: 54.983 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 84 Resp: 68063
Ion Ratio Lower Upper
84 100
49 126.0 102.6 154.0
51 40.4 31.9 47.9
86 64.1 51.0 76.6

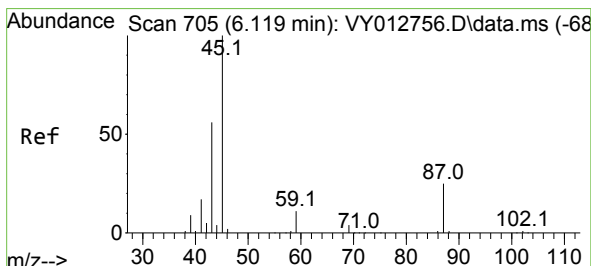
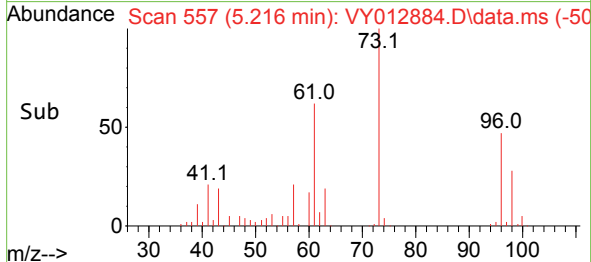
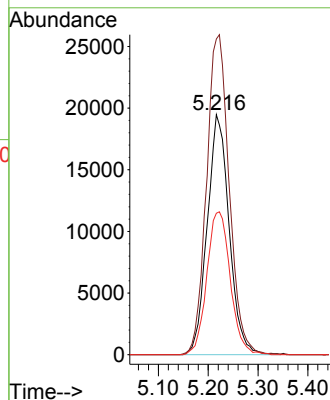
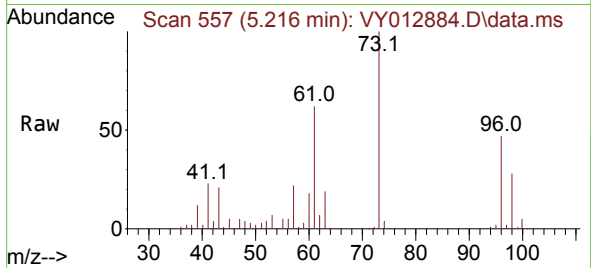




#21
trans-1,2-Dichloroethene
Concen: 50.545 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

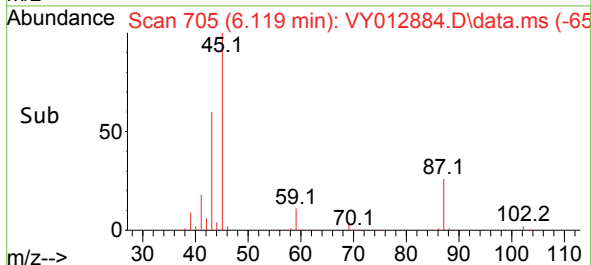
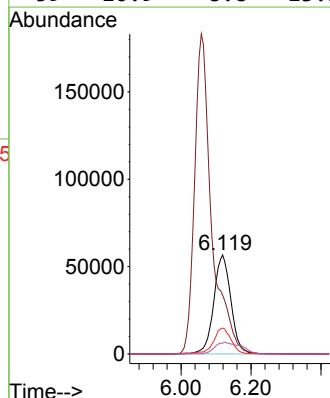
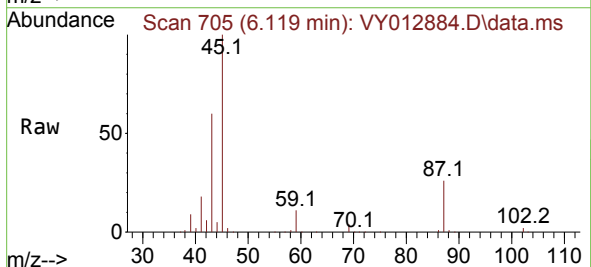
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

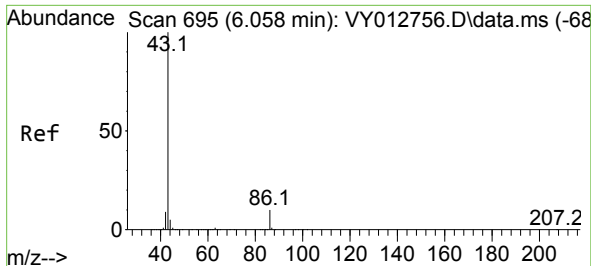
Tgt Ion: 96 Resp: 59458
Ion Ratio Lower Upper
96 100
61 131.5 111.4 167.0
98 59.0 50.8 76.2



#22
Diisopropyl ether
Concen: 52.978 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 45 Resp: 192405
Ion Ratio Lower Upper
45 100
43 59.1 45.0 67.6
87 26.2 20.3 30.5
59 10.9 8.8 13.2

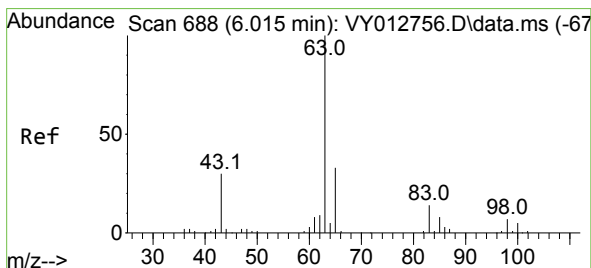
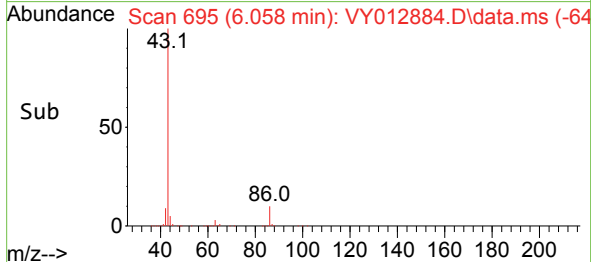
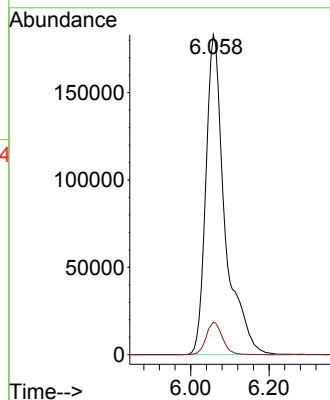
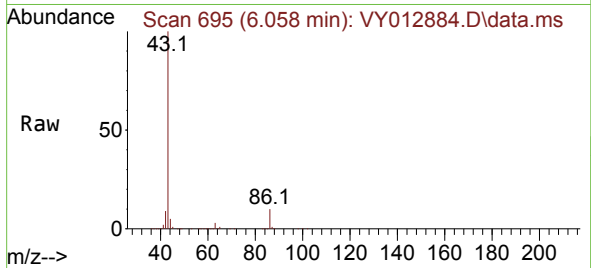




#23
 Vinyl Acetate
 Concen: 274.097 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY012884.D
 Acq: 08 Mar 2023 20:19

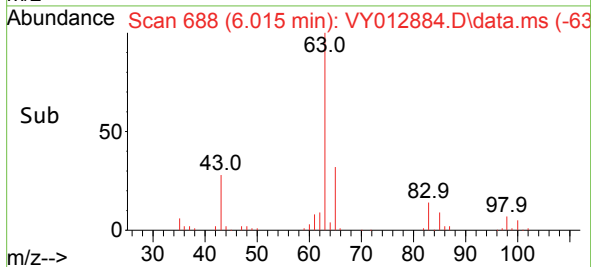
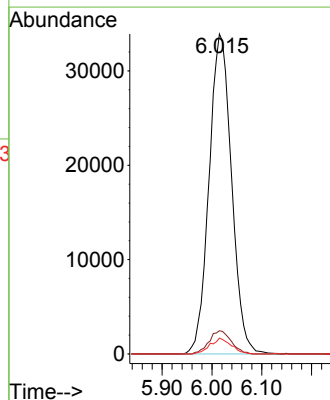
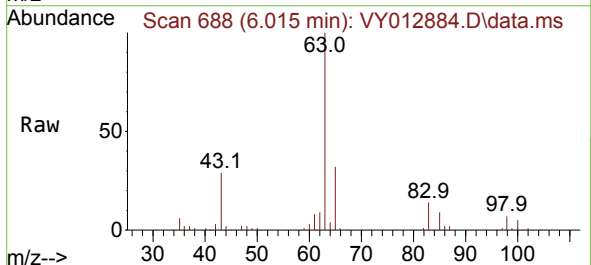
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

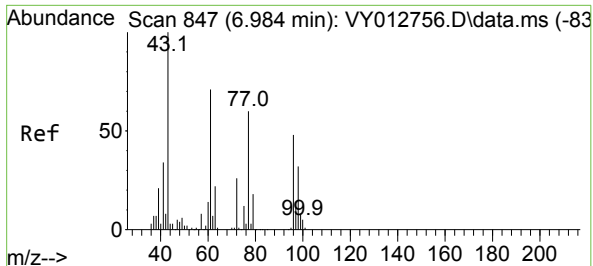
Tgt Ion: 43 Resp: 618518
 Ion Ratio Lower Upper
 43 100
 86 10.2 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 51.384 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012884.D
 Acq: 08 Mar 2023 20:19

Tgt Ion: 63 Resp: 106338
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 4.9 2.3 6.8





#25

2-Butanone

Concen: 271.039 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

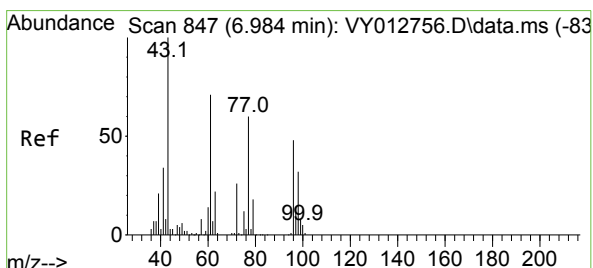
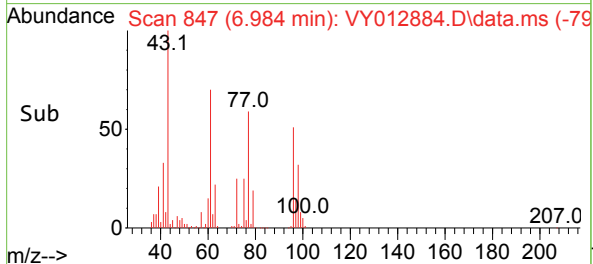
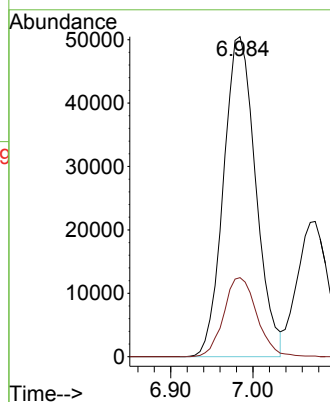
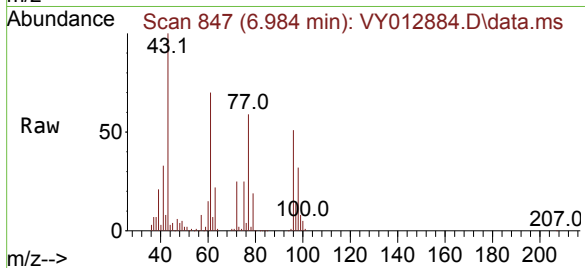
VSTDCCC050EC

Tgt Ion: 43 Resp: 137523

Ion Ratio Lower Upper

43 100

72 24.7 21.0 31.4



#26

2,2-Dichloropropane

Concen: 49.243 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012884.D

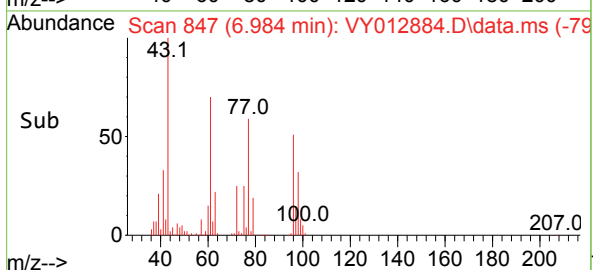
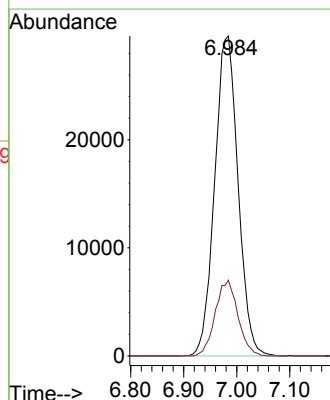
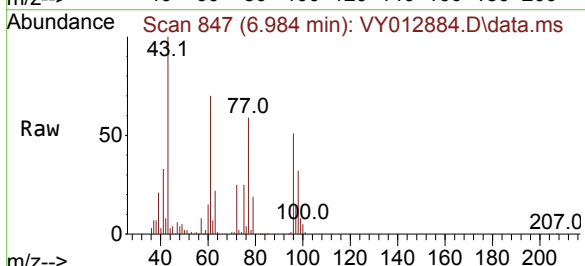
Acq: 08 Mar 2023 20:19

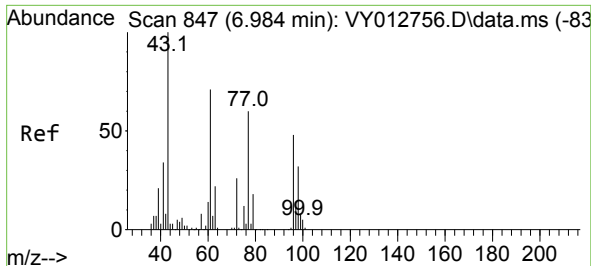
Tgt Ion: 77 Resp: 90511

Ion Ratio Lower Upper

77 100

97 23.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 53.984 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

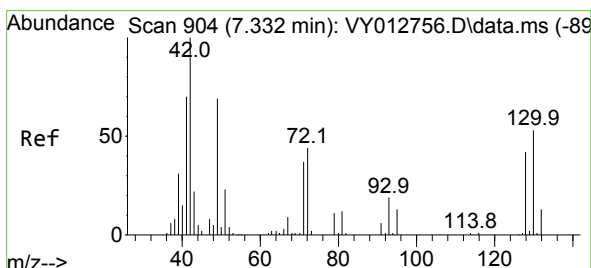
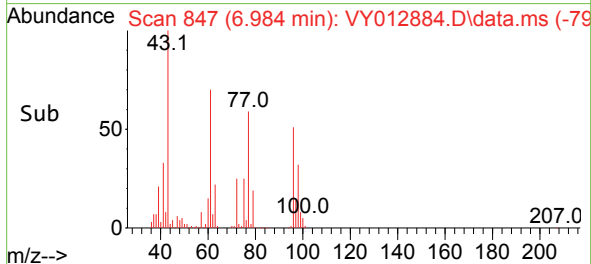
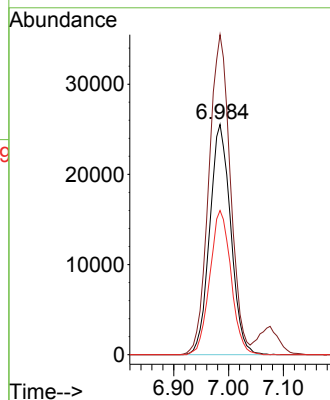
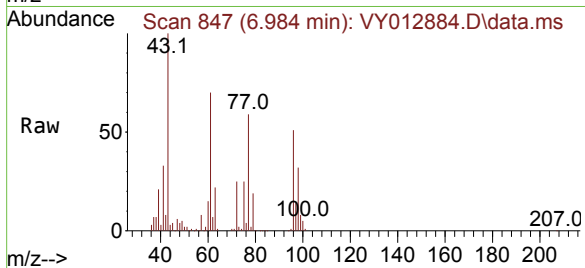
Tgt Ion: 96 Resp: 68084

Ion Ratio Lower Upper

96 100

61 142.2 0.0 295.8

98 63.0 0.0 130.2



#28

Bromochloromethane

Concen: 54.072 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

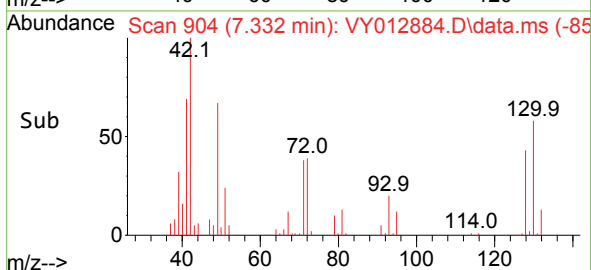
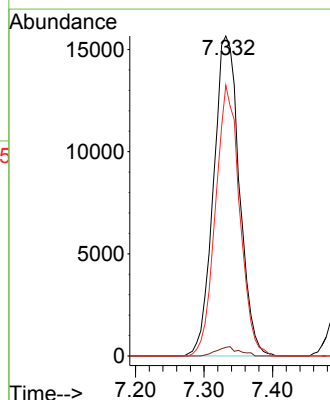
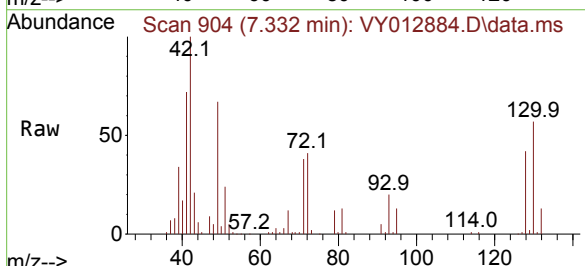
Tgt Ion: 49 Resp: 40894

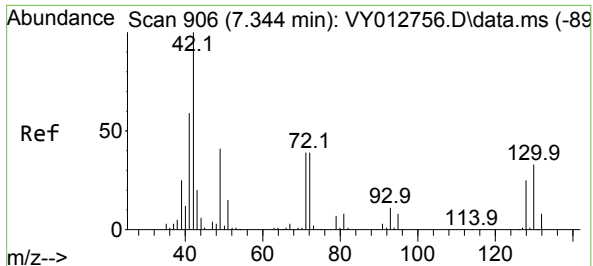
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.2

130 79.3 60.5 90.7





#29

Tetrahydrofuran

Concen: 290.055 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

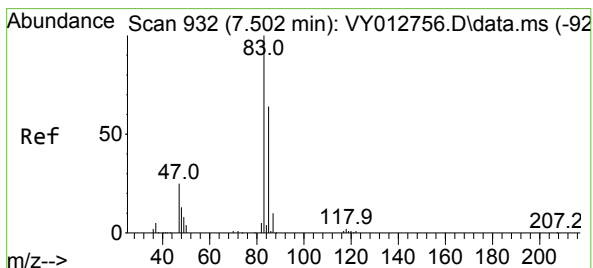
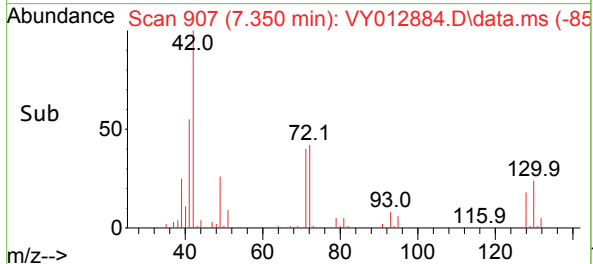
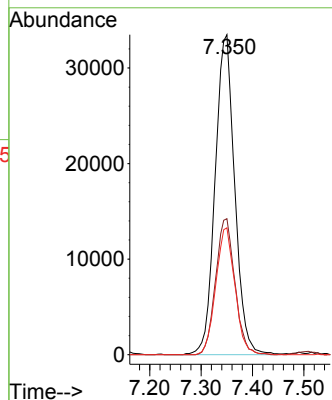
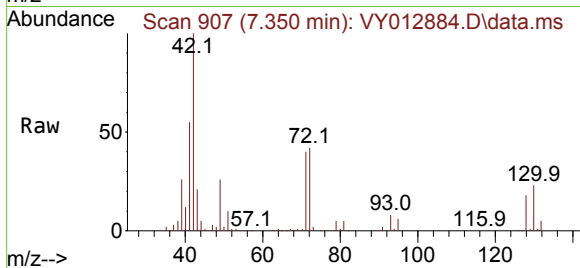
Tgt Ion: 42 Resp: 88762

Ion Ratio Lower Upper

42 100

72 41.7 32.3 48.5

71 38.7 30.3 45.5



#30

Chloroform

Concen: 53.482 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY012884.D

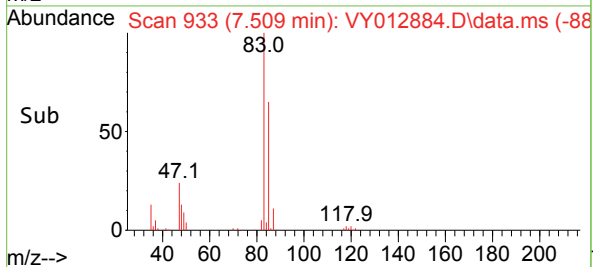
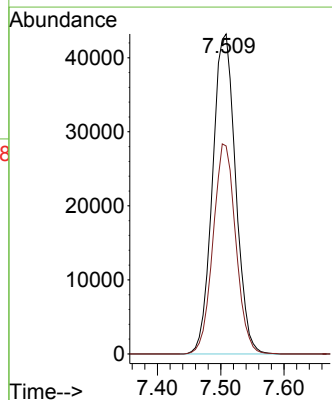
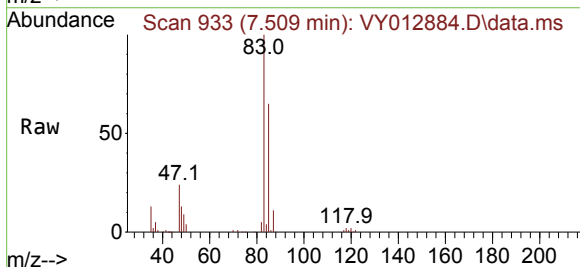
Acq: 08 Mar 2023 20:19

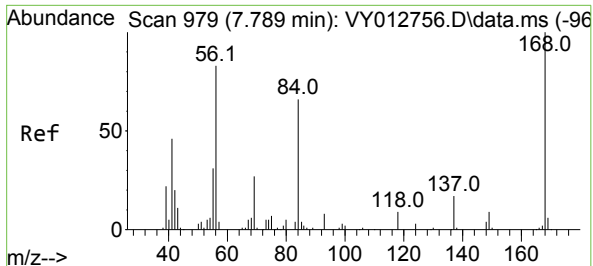
Tgt Ion: 83 Resp: 109325

Ion Ratio Lower Upper

83 100

85 65.0 51.4 77.0

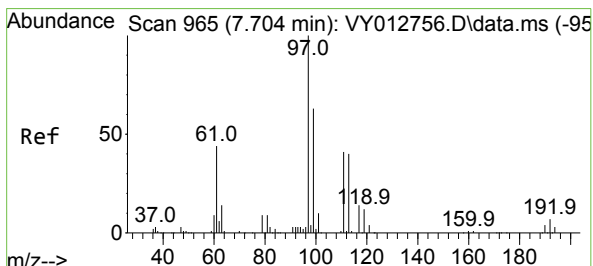
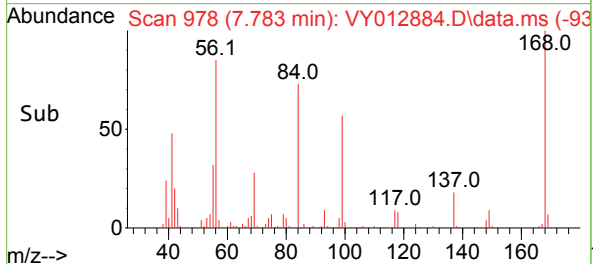
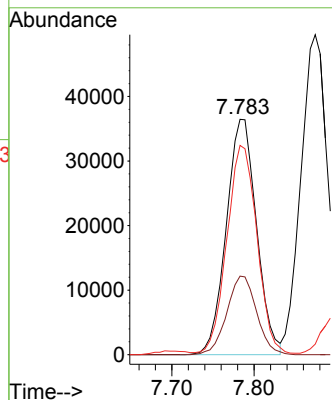
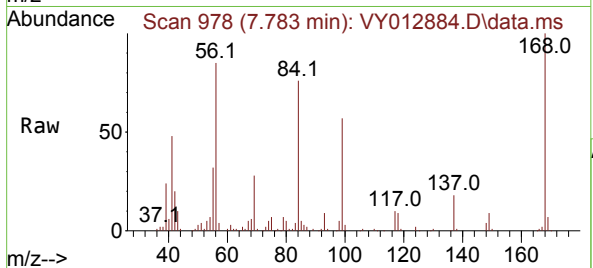




#31
Cyclohexane
Concen: 46.698 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

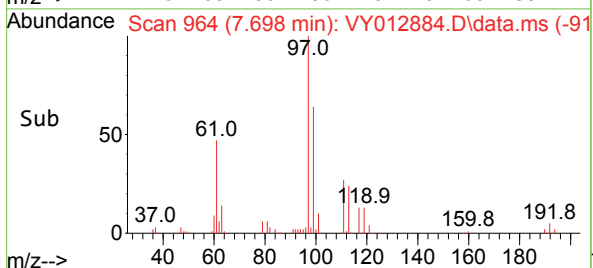
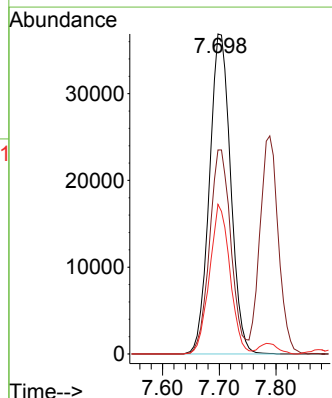
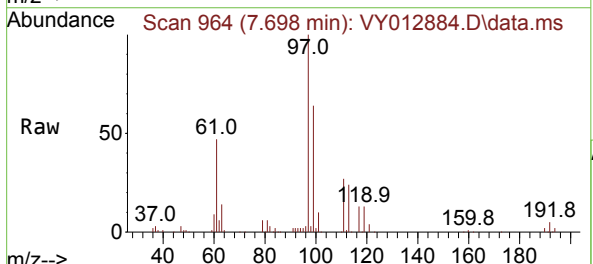
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

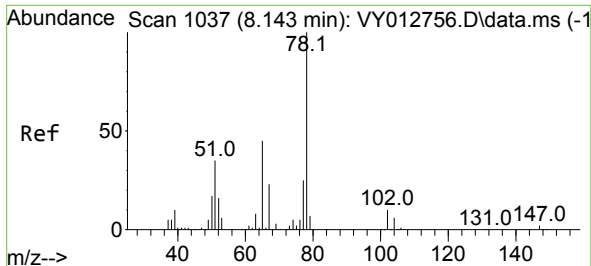
Tgt Ion: 56 Resp: 93342
Ion Ratio Lower Upper
56 100
69 33.4 25.7 38.5
84 87.5 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 51.802 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 97 Resp: 95761
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 45.2 34.5 51.7

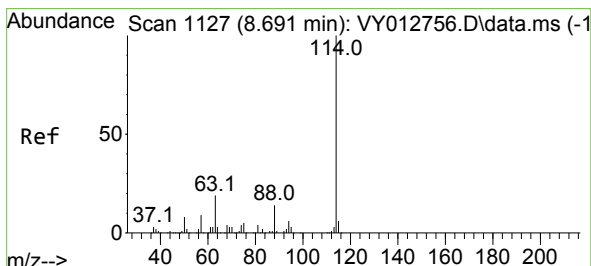
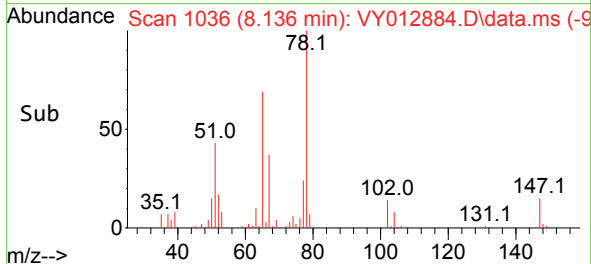
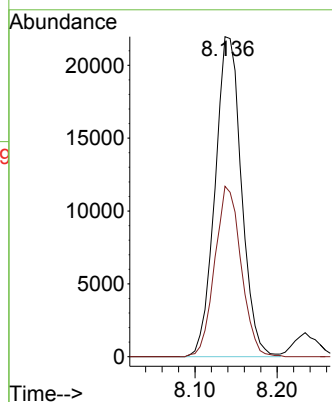
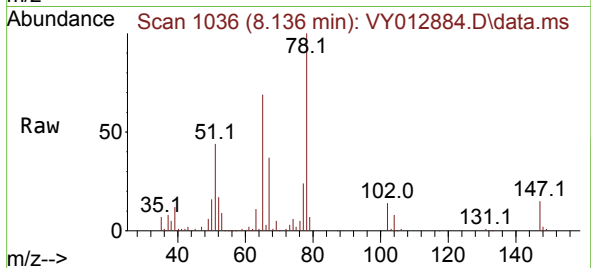




#33
1,2-Dichloroethane-d4
Concen: 47.100 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

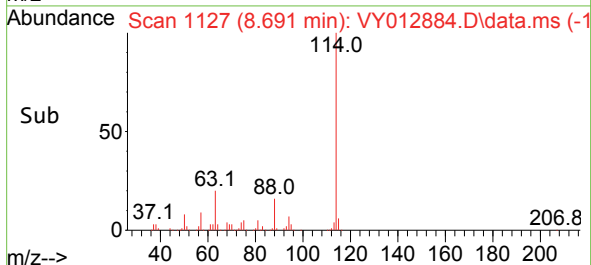
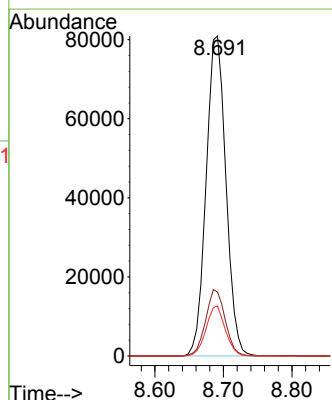
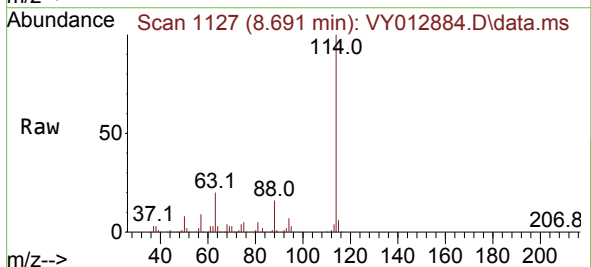
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

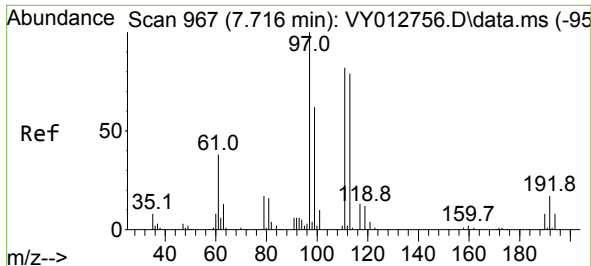
Tgt Ion: 65 Resp: 49158
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion:114 Resp: 162901
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.4
88 15.6 0.0 28.6

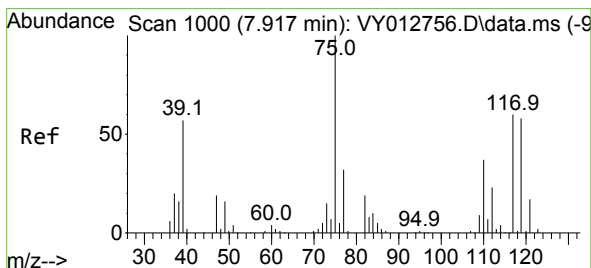
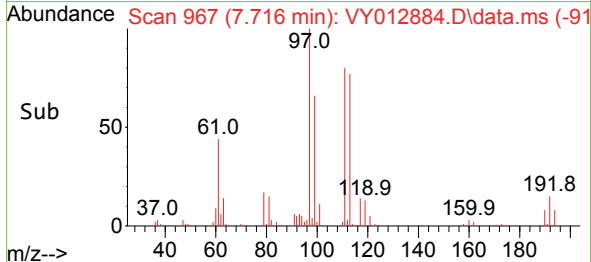
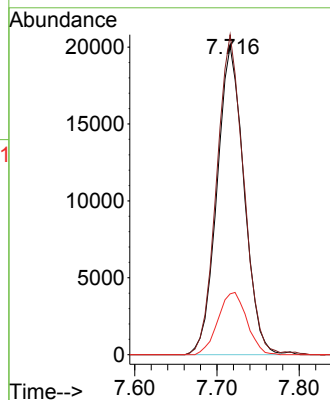
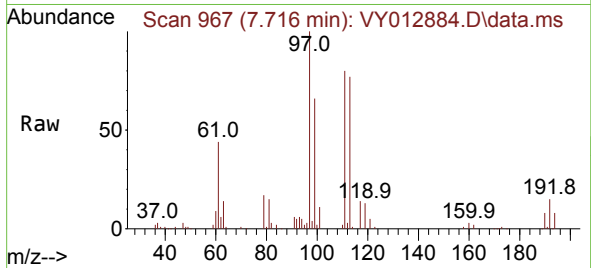




#35
Dibromofluoromethane
Concen: 46.575 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

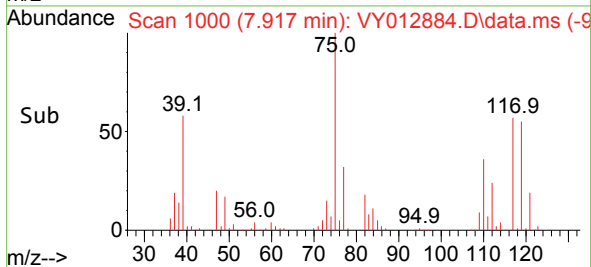
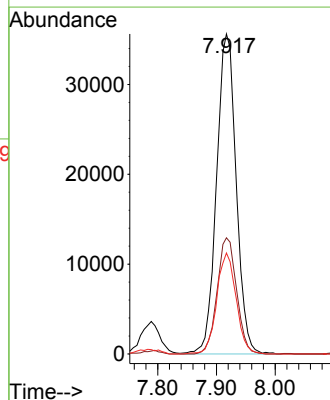
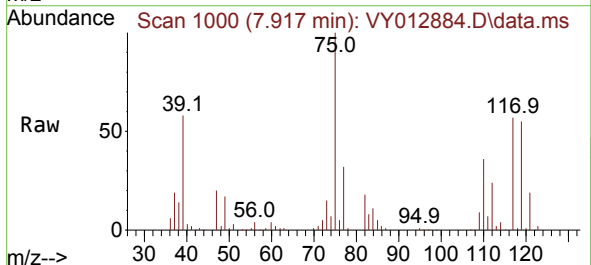
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

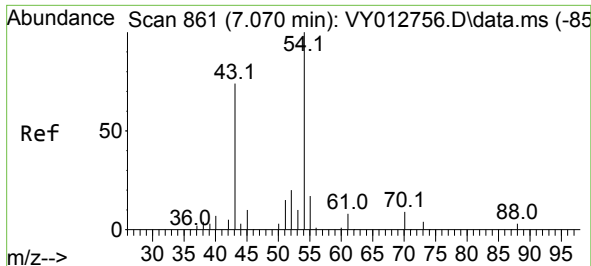
Tgt Ion:113 Resp: 45788
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 21.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 50.213 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 75 Resp: 82725
Ion Ratio Lower Upper
75 100
110 36.0 17.8 53.3
77 31.2 25.0 37.4

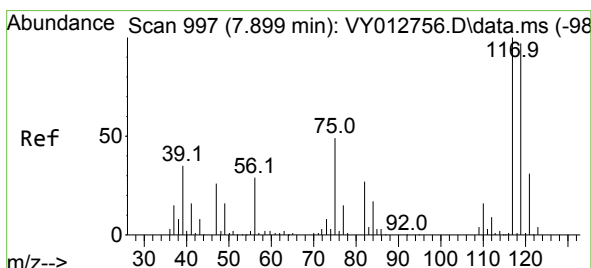
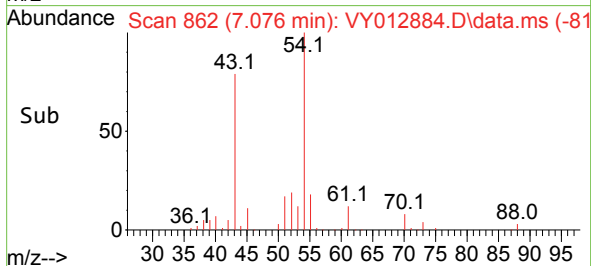
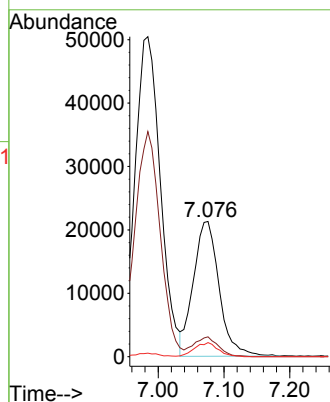
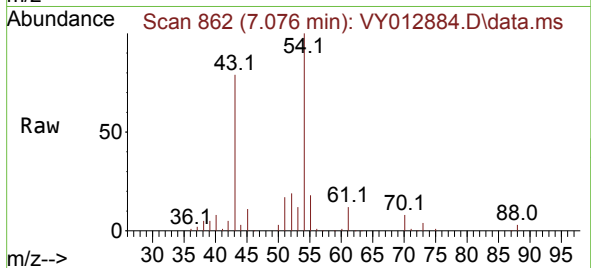




#37
Ethyl Acetate
Concen: 55.814 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

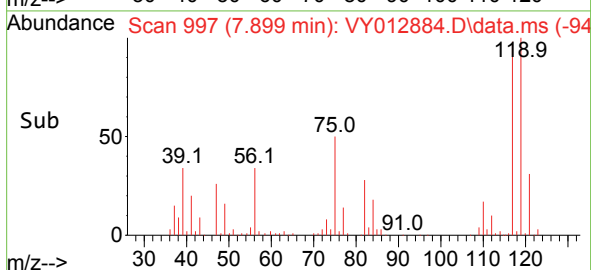
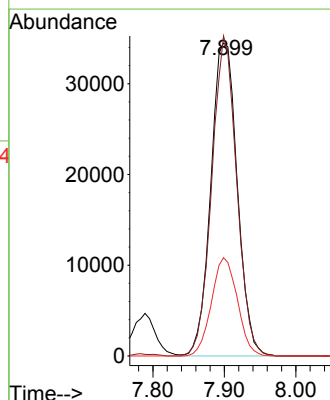
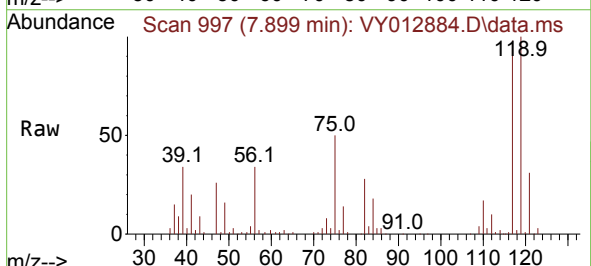
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

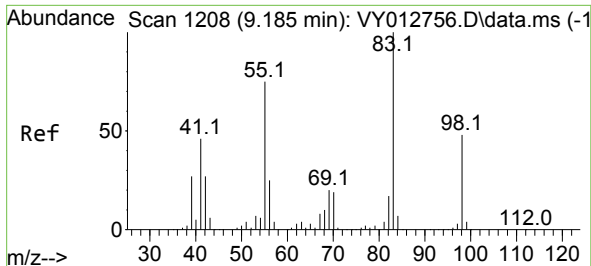
Tgt Ion:	43	Resp:	57956
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.7	16.1
70	9.5	7.8	11.8



#38
Carbon Tetrachloride
Concen: 52.133 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion:	117	Resp:	88692
Ion	Ratio	Lower	Upper
117	100		
119	102.2	77.2	115.8
121	31.4	24.7	37.1





#39

Methylcyclohexane

Concen: 50.129 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

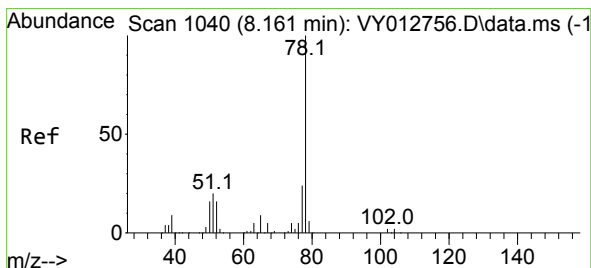
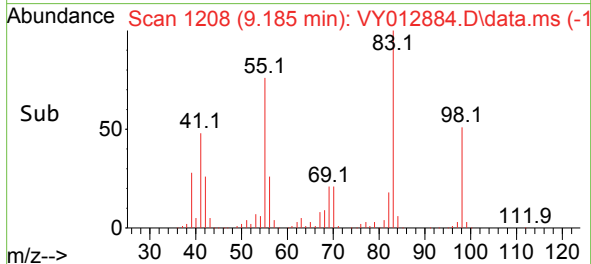
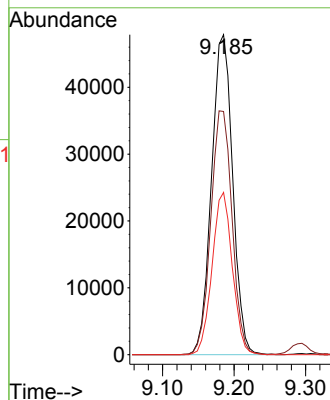
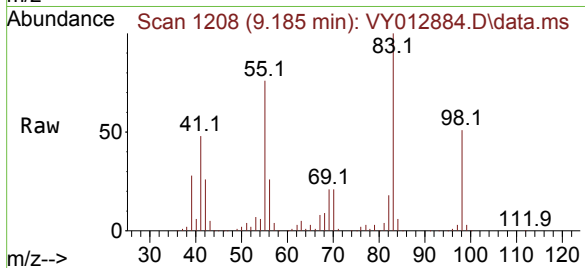
Tgt Ion: 83 Resp: 98184

Ion Ratio Lower Upper

83 100

55 76.0 60.0 90.0

98 50.7 38.3 57.5



#40

Benzene

Concen: 51.915 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012884.D

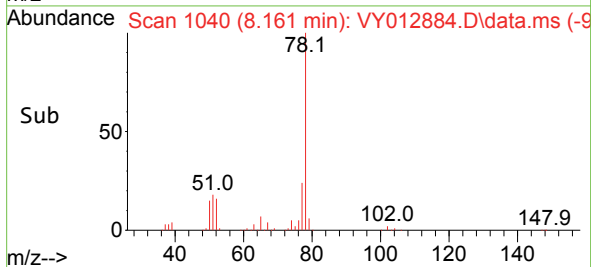
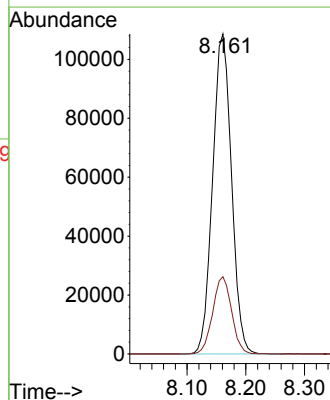
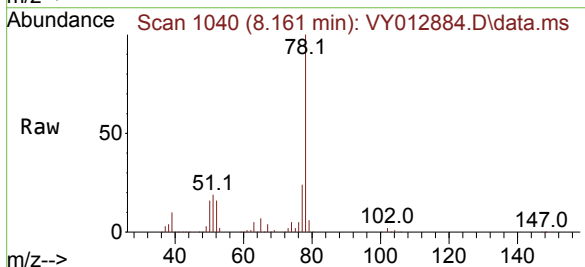
Acq: 08 Mar 2023 20:19

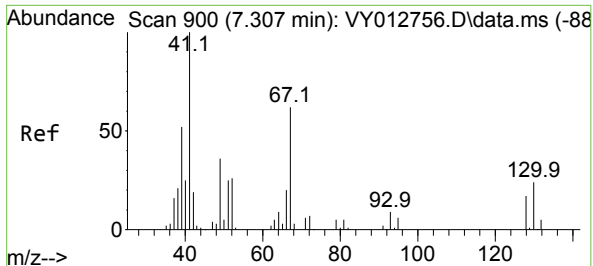
Tgt Ion: 78 Resp: 241938

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0

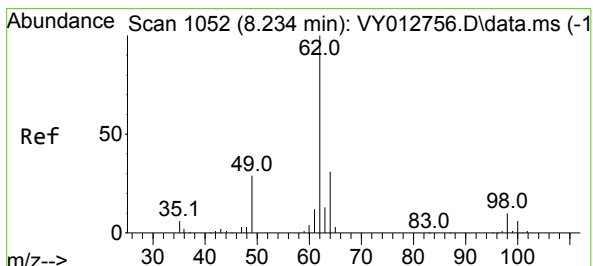
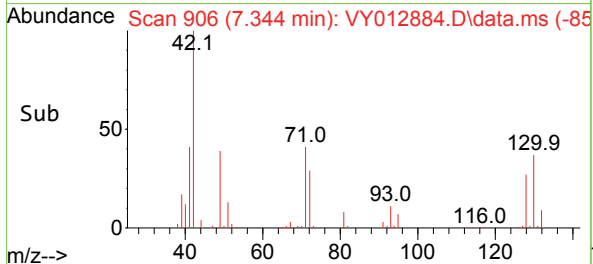
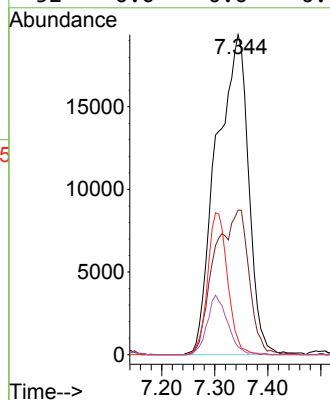
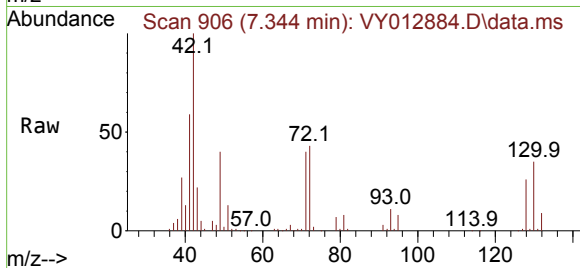




#41
Methacrylonitrile
Concen: 145.275 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

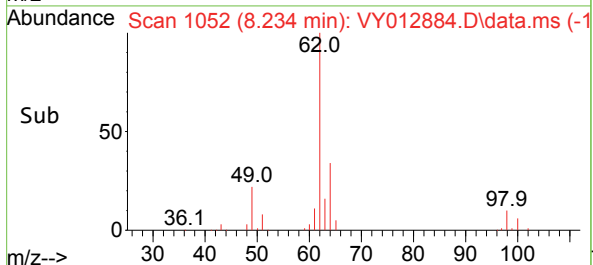
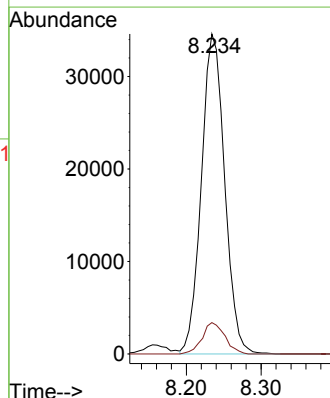
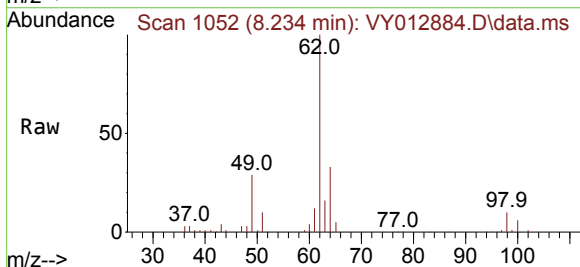
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

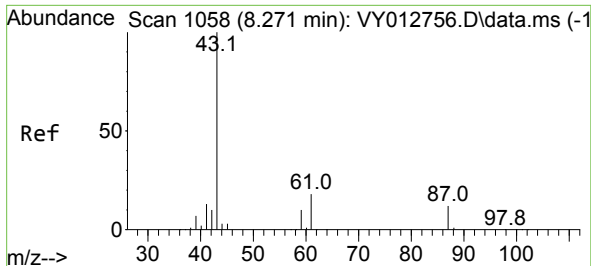
Tgt Ion:	41	Resp:	81274
Ion	Ratio	Lower	Upper
41	100		
39	48.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 53.425 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion:	62	Resp:	74853
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.8





#43

Isopropyl Acetate

Concen: 55.139 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

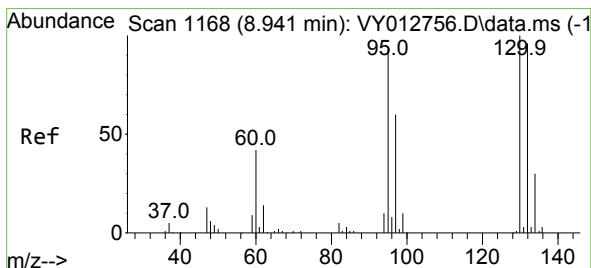
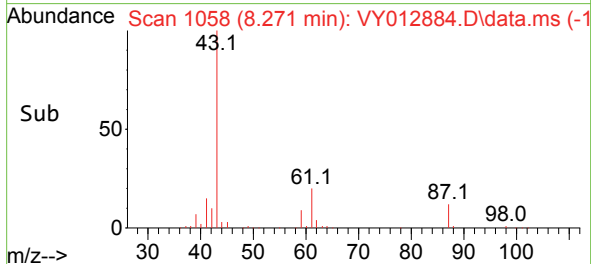
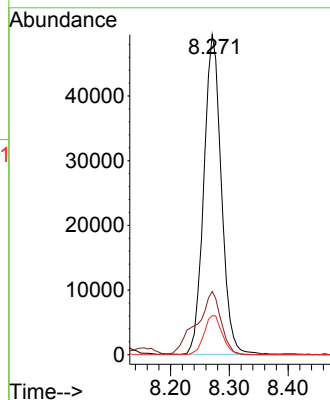
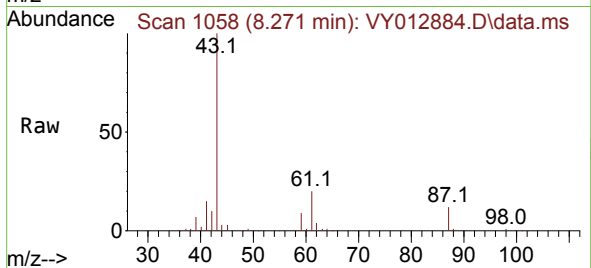
Tgt Ion: 43 Resp: 102150

Ion Ratio Lower Upper

43 100

61 27.5 21.6 32.4

87 12.8 9.9 14.9



#44

Trichloroethene

Concen: 51.942 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY012884.D

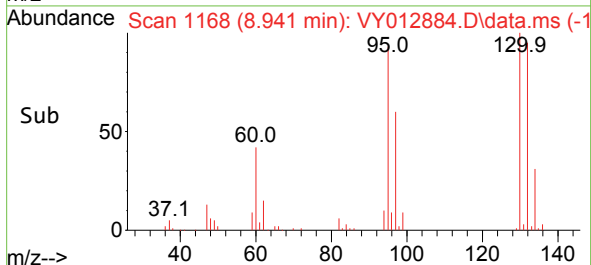
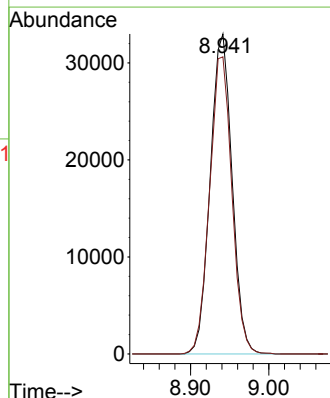
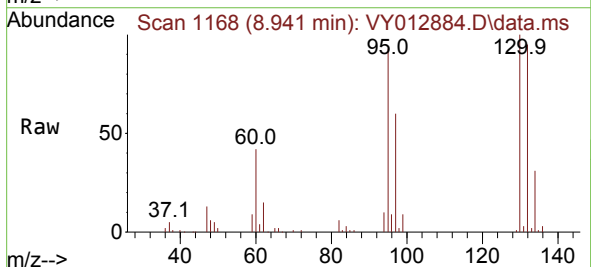
Acq: 08 Mar 2023 20:19

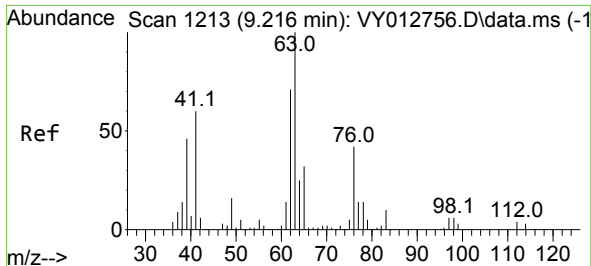
Tgt Ion: 130 Resp: 63821

Ion Ratio Lower Upper

130 100

95 92.8 0.0 185.0





#45

1,2-Dichloropropane

Concen: 51.961 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

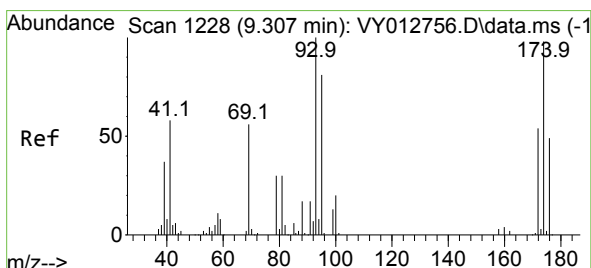
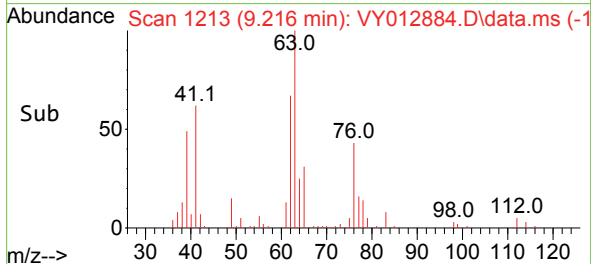
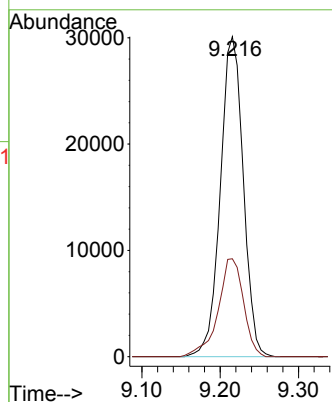
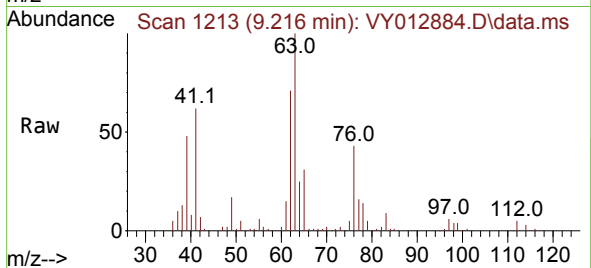
VSTDCCC050EC

Tgt Ion: 63 Resp: 61198

Ion Ratio Lower Upper

63 100

65 30.6 25.7 38.5



#46

Dibromomethane

Concen: 54.187 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

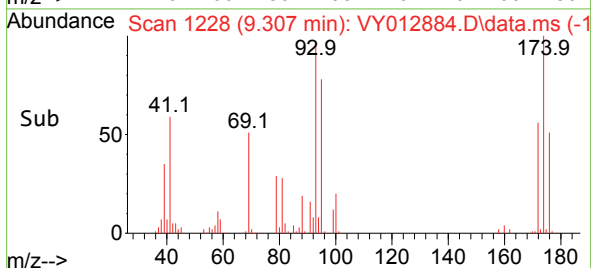
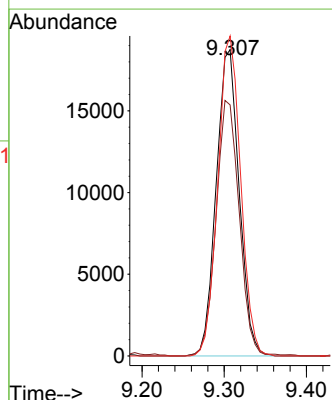
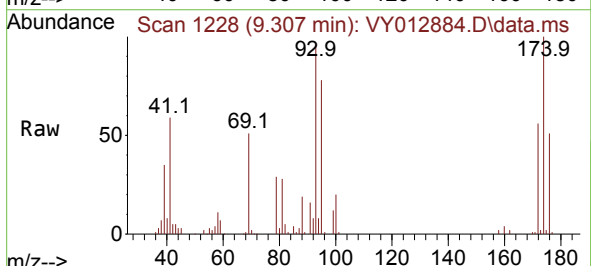
Tgt Ion: 93 Resp: 36358

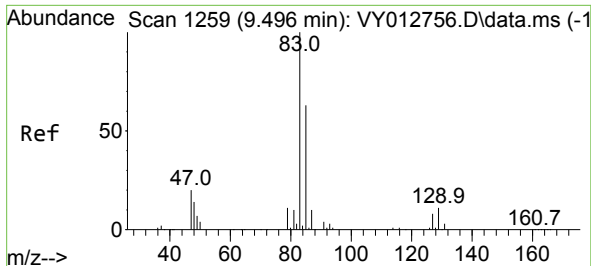
Ion Ratio Lower Upper

93 100

95 84.5 65.6 98.4

174 104.1 81.3 121.9

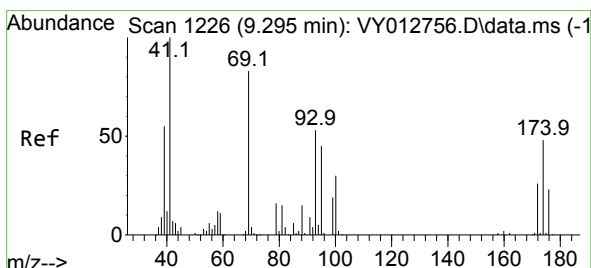
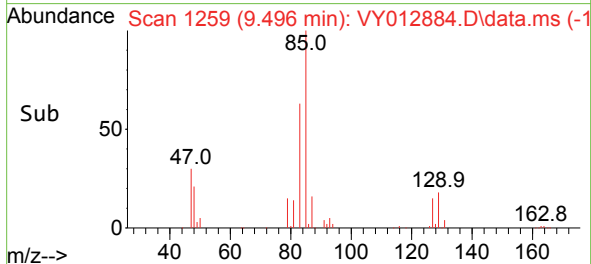
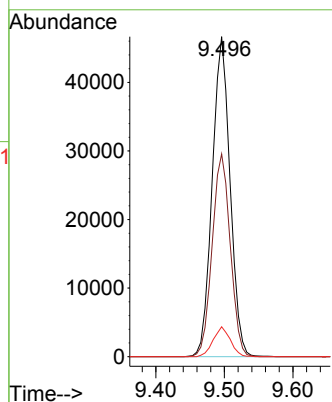
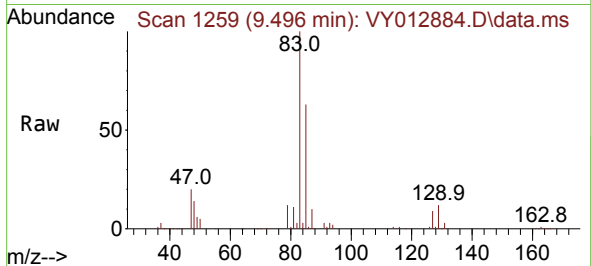




#47
Bromodichloromethane
Concen: 53.364 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

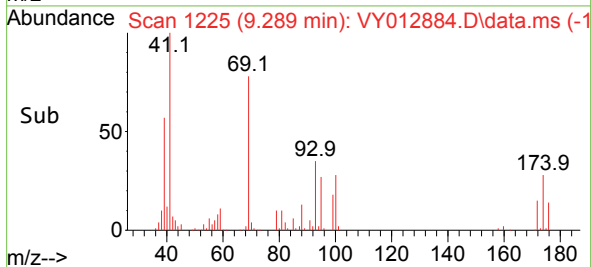
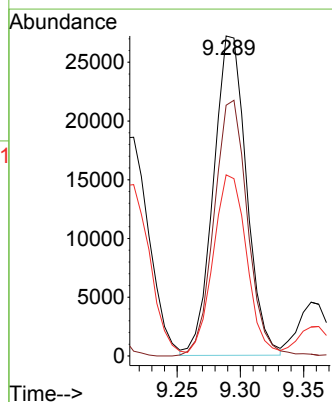
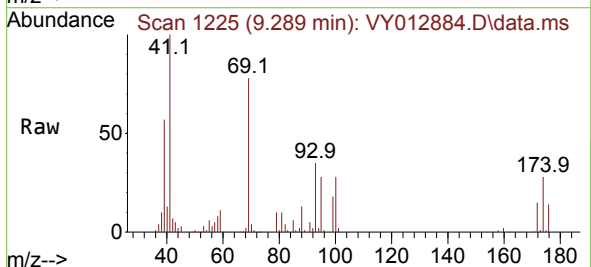
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

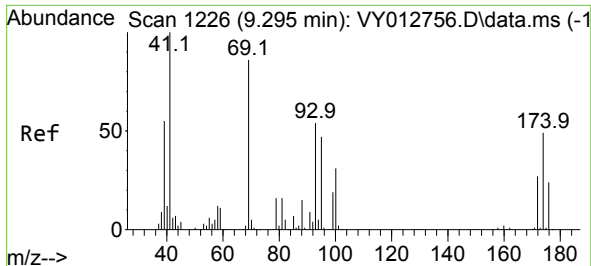
Tgt Ion: 83 Resp: 84378
Ion Ratio Lower Upper
83 100
85 63.3 50.2 75.4
127 9.3 6.3 9.5



#48
Methyl methacrylate
Concen: 57.880 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 41 Resp: 49408
Ion Ratio Lower Upper
41 100
69 81.3 64.1 96.1
39 55.8 44.0 66.0





#49

1,4-Dioxane

Concen: 1200.134 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

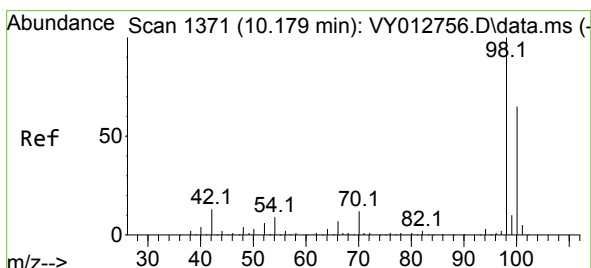
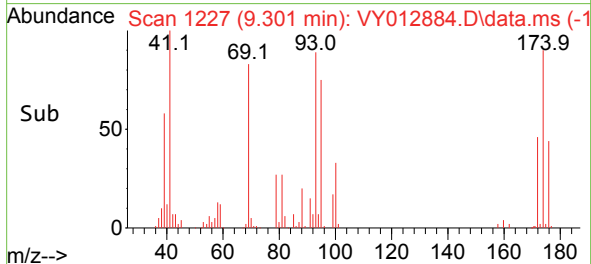
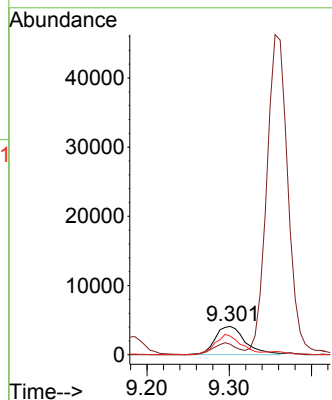
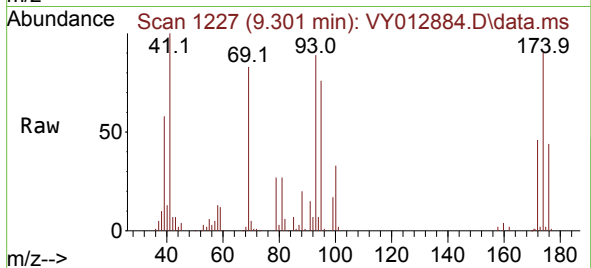
Tgt Ion: 88 Resp: 10410

Ion Ratio Lower Upper

88 100

43 33.3 28.6 42.8

58 62.0 55.2 82.8



#50

Toluene-d8

Concen: 44.726 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012884.D

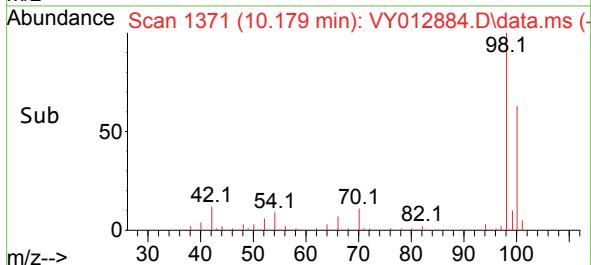
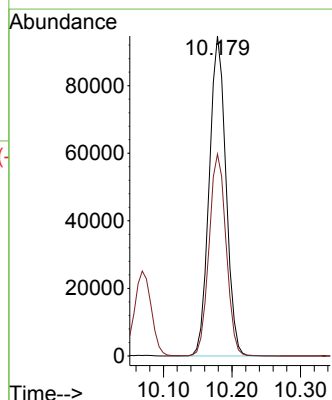
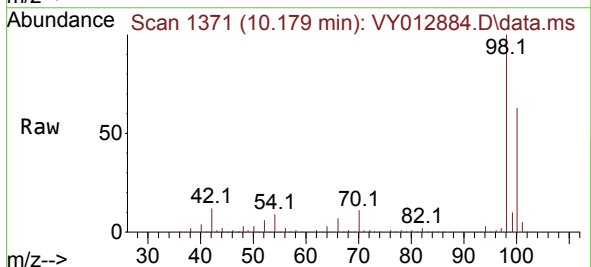
Acq: 08 Mar 2023 20:19

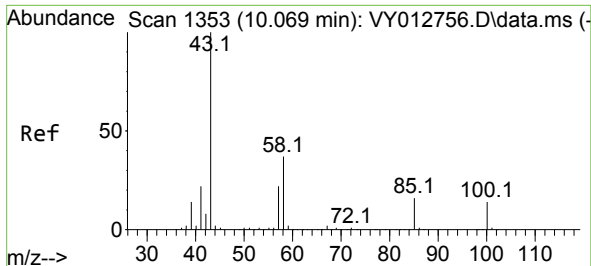
Tgt Ion: 98 Resp: 160746

Ion Ratio Lower Upper

98 100

100 64.3 50.9 76.3

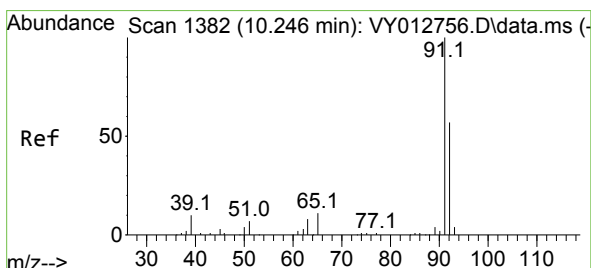
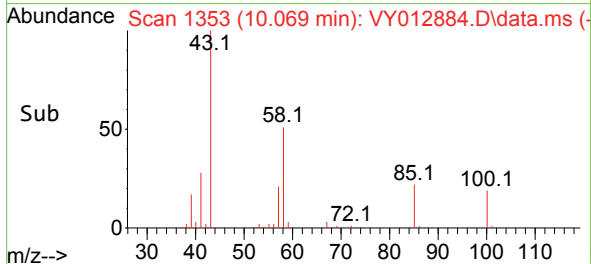
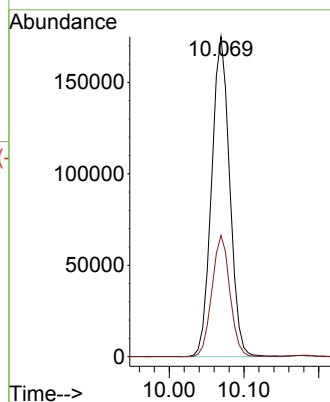
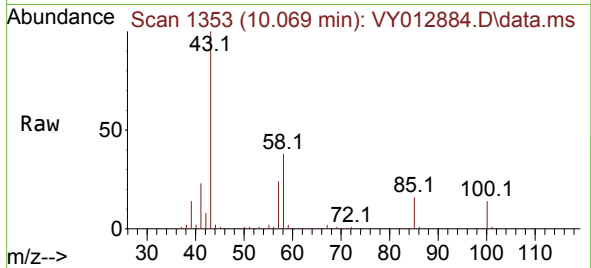




#51
4-Methyl-2-Pentanone
Concen: 293.345 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

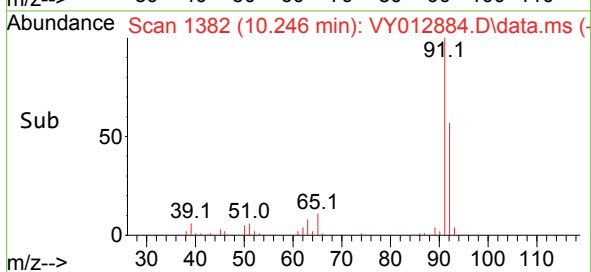
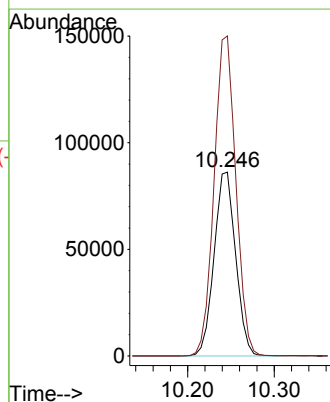
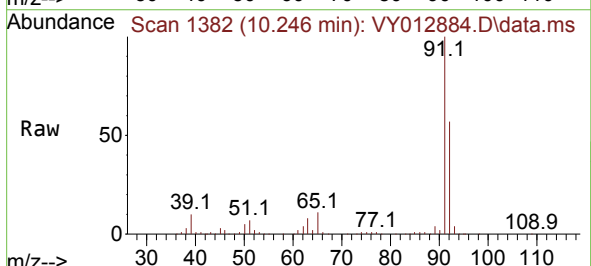
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

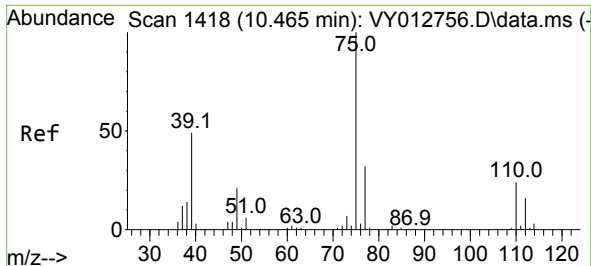
Tgt Ion: 43 Resp: 294786
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.6



#52
Toluene
Concen: 53.039 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 92 Resp: 149068
Ion Ratio Lower Upper
92 100
91 175.7 141.3 211.9

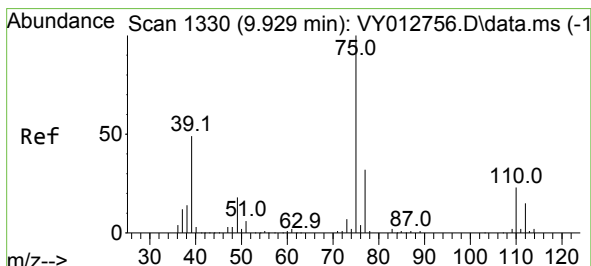
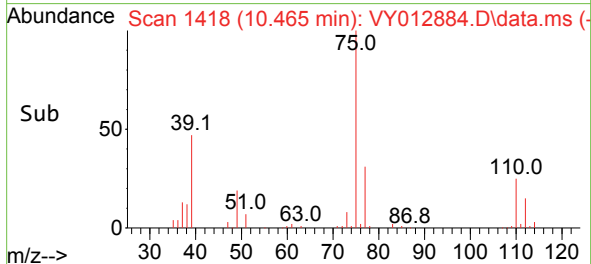
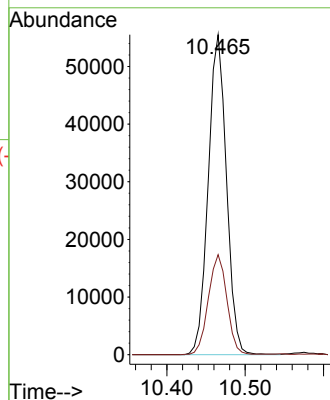
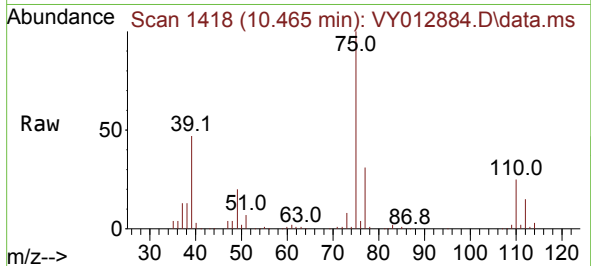




#53
t-1,3-Dichloropropene
Concen: 54.041 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

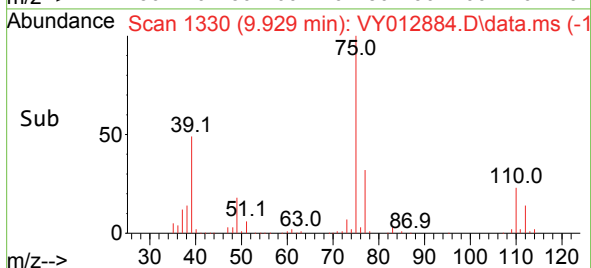
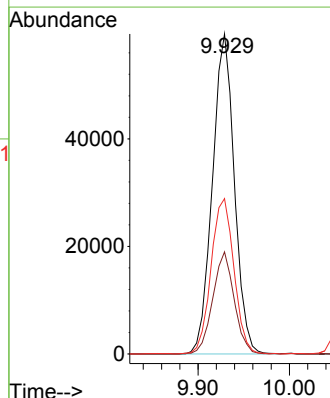
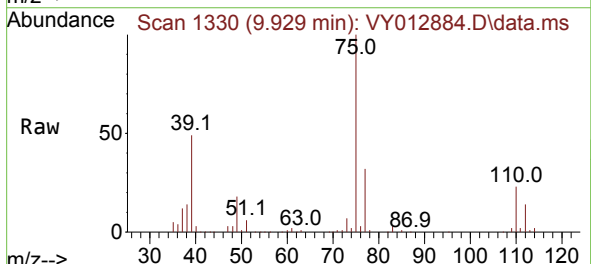
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

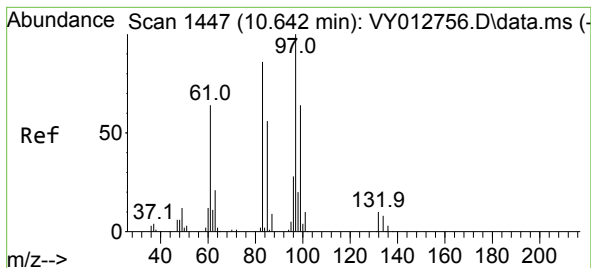
Tgt Ion: 75 Resp: 89627
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.928 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 75 Resp: 99356
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 48.6 39.0 58.4

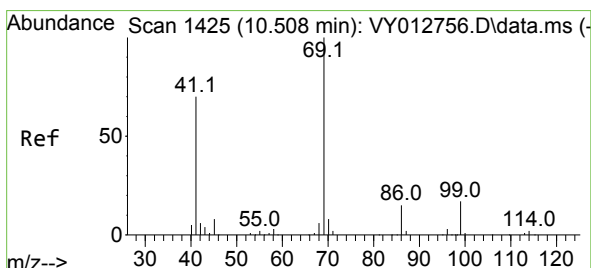
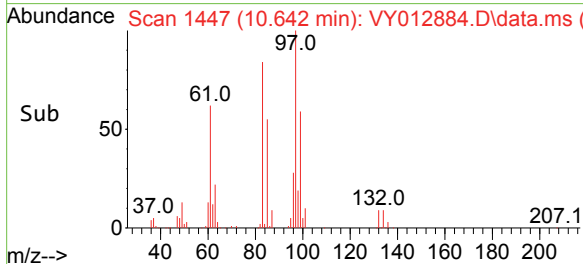
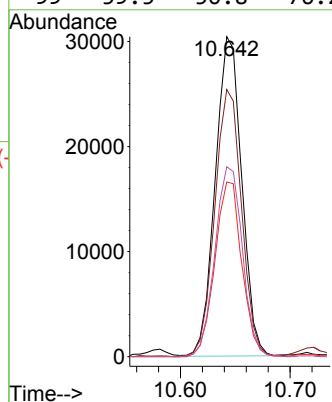
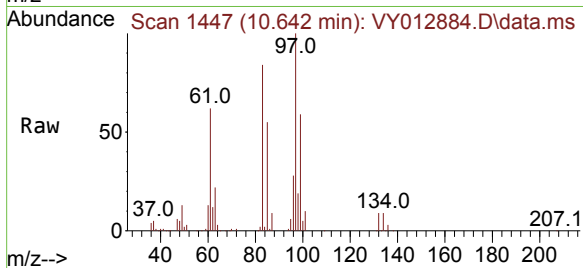




#55
1,1,2-Trichloroethane
Concen: 54.559 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

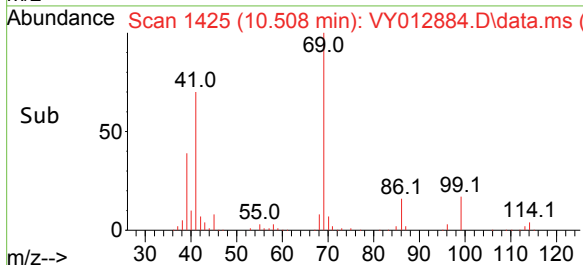
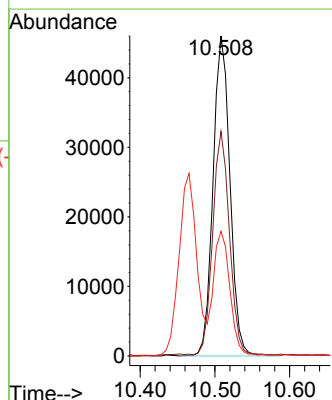
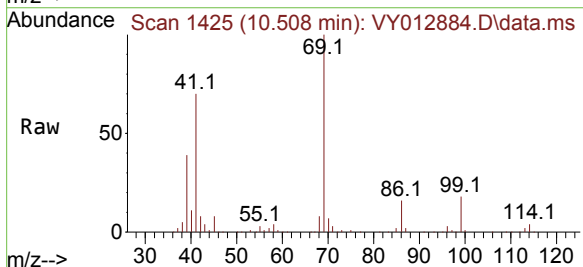
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

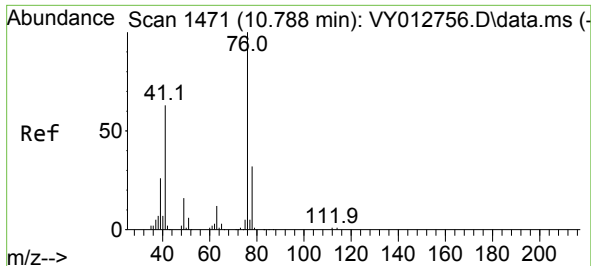
Tgt Ion:	97	Resp:	50982
Ion	Ratio	Lower	Upper
97	100		
83	83.7	69.0	103.6
85	54.7	44.9	67.3
99	59.5	50.8	76.2



#56
Ethyl methacrylate
Concen: 58.172 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion:	69	Resp:	72480
Ion	Ratio	Lower	Upper
69	100		
41	68.6	56.4	84.6
39	37.0	30.8	46.2

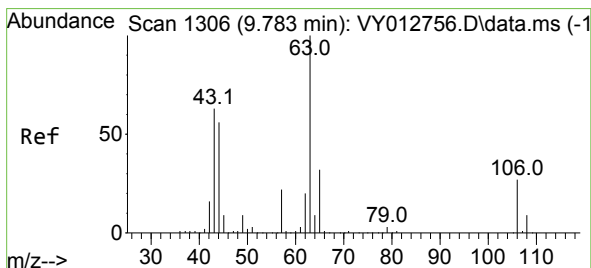
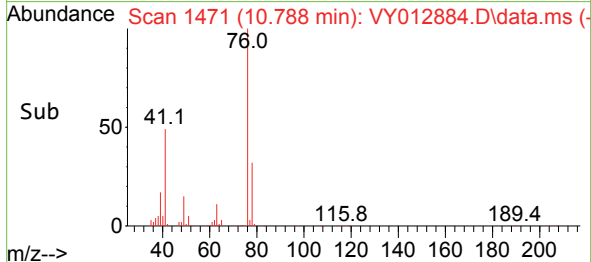
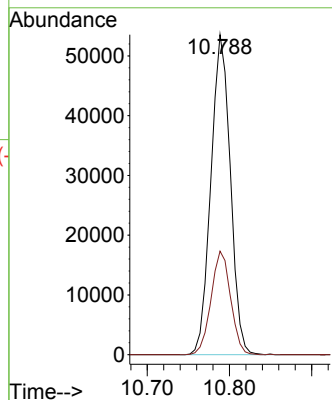
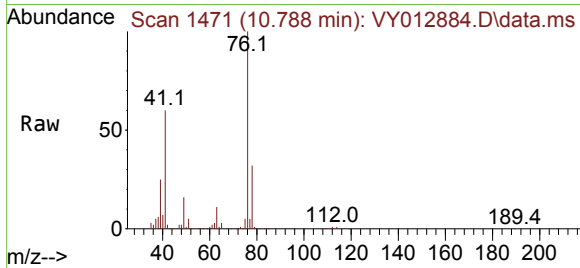




#57
1,3-Dichloropropane
Concen: 55.215 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

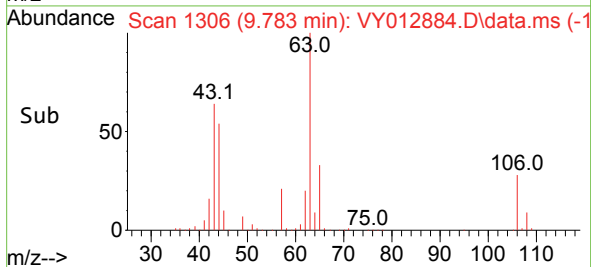
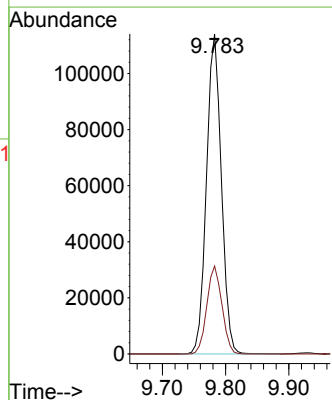
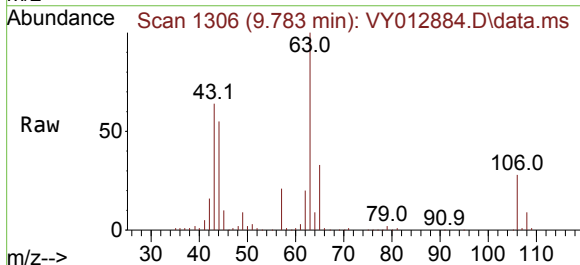
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

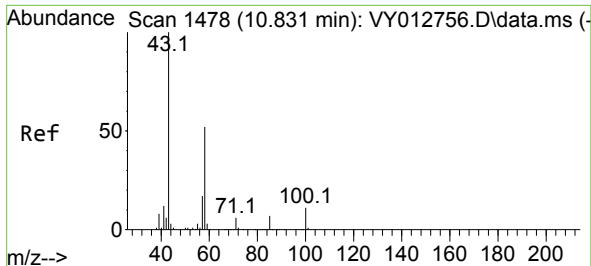
Tgt Ion: 76 Resp: 87878
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 285.404 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 63 Resp: 186677
Ion Ratio Lower Upper
63 100
106 27.8 22.1 33.1





#59

2-Hexanone

Concen: 290.561 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

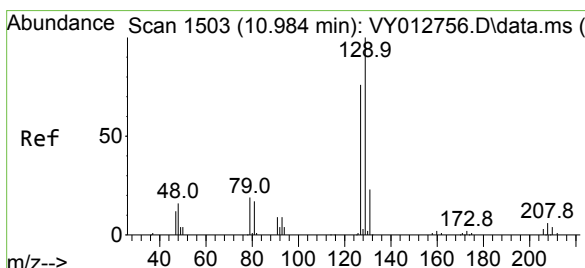
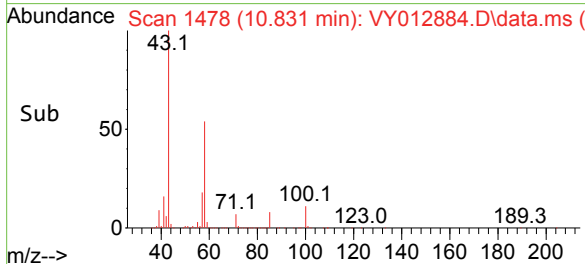
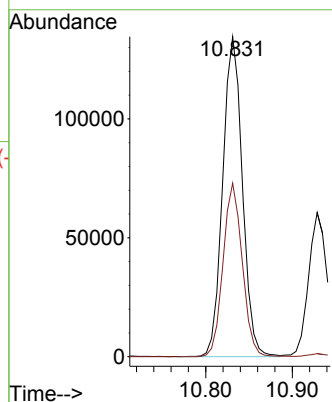
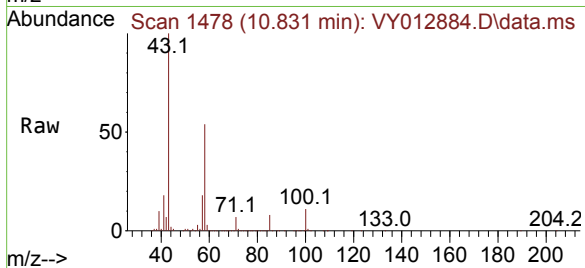
VSTDCCC050EC

Tgt Ion: 43 Resp: 212212

Ion Ratio Lower Upper

43 100

58 52.9 25.9 77.8



#60

Dibromochloromethane

Concen: 54.696 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY012884.D

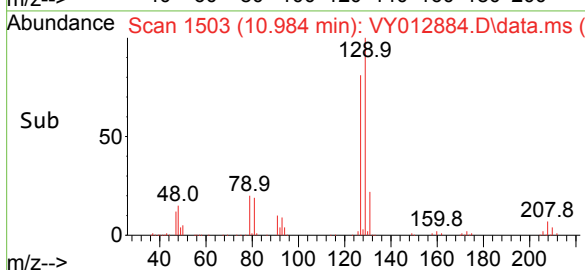
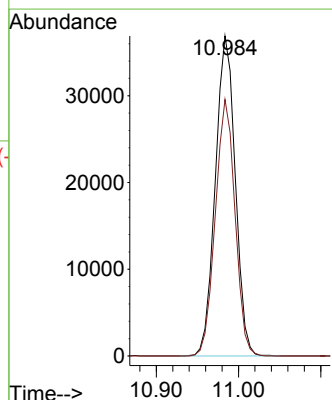
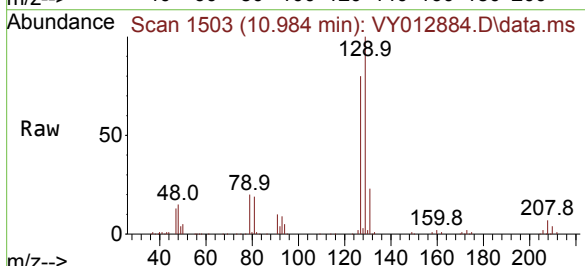
Acq: 08 Mar 2023 20:19

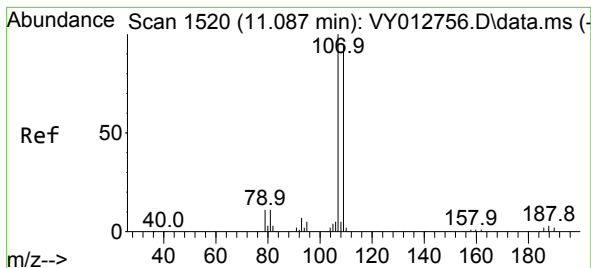
Tgt Ion: 129 Resp: 62215

Ion Ratio Lower Upper

129 100

127 79.1 38.7 116.1

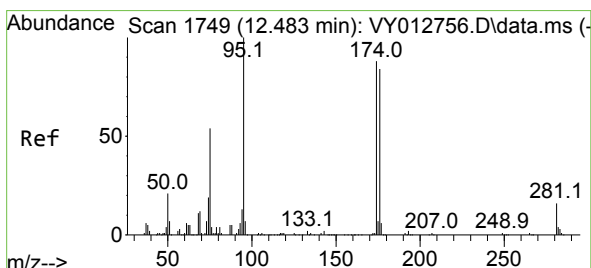
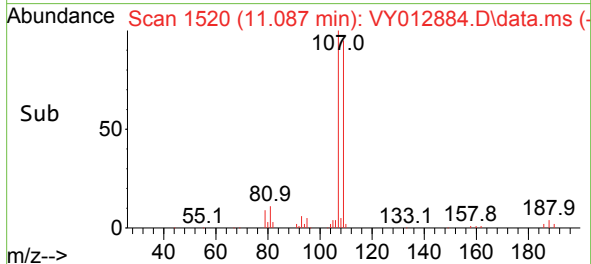
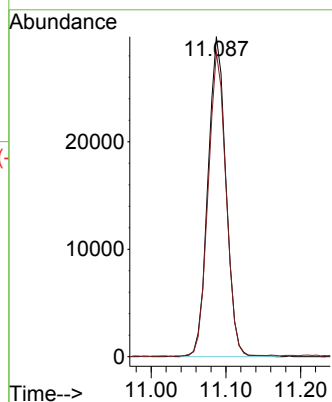
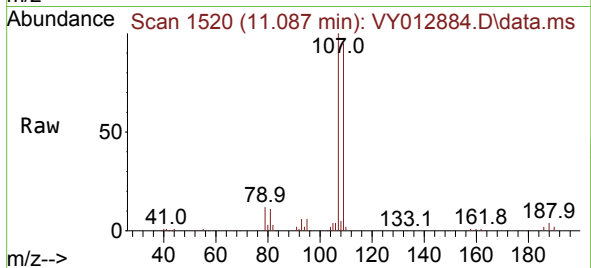




#61
1,2-Dibromoethane
Concen: 55.201 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

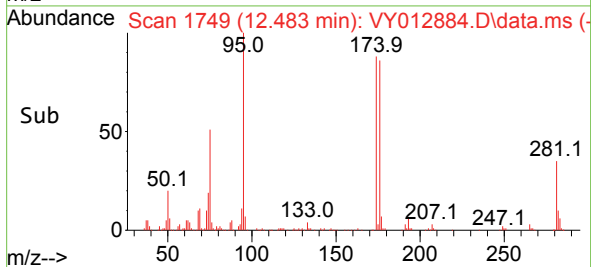
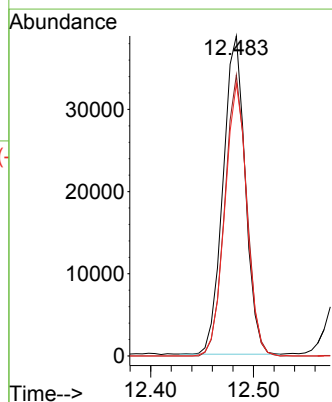
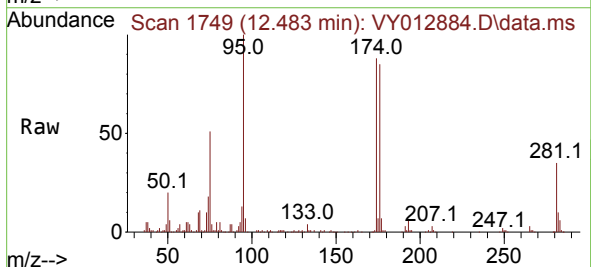
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

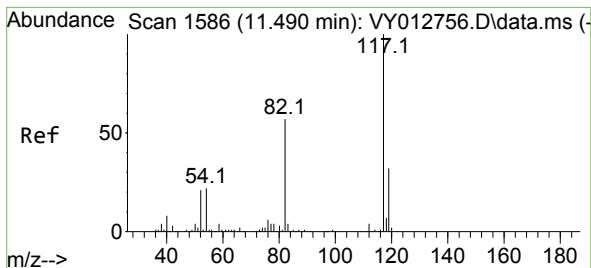
Tgt Ion:107 Resp: 49688
Ion Ratio Lower Upper
107 100
109 95.4 75.0 112.6



#62
4-Bromofluorobenzene
Concen: 47.808 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 95 Resp: 57995
Ion Ratio Lower Upper
95 100
174 87.5 0.0 176.6
176 85.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

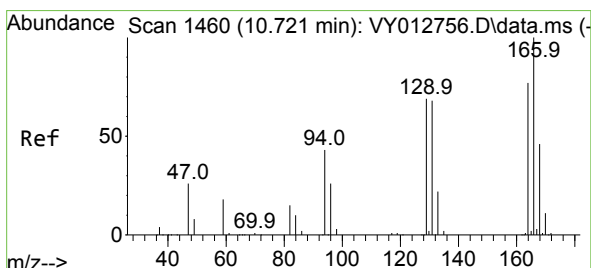
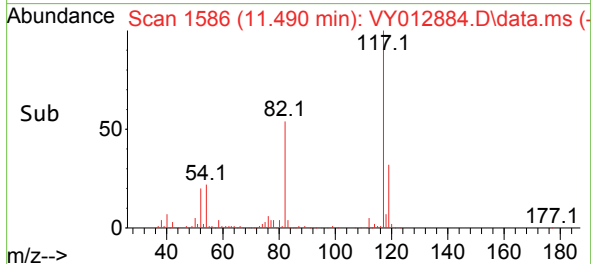
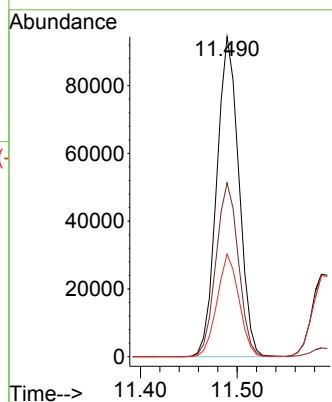
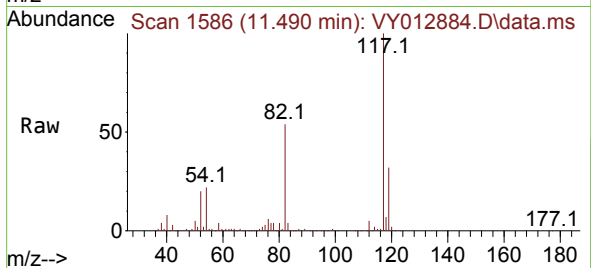
Tgt Ion:117 Resp: 149810

Ion Ratio Lower Upper

117 100

82 54.3 45.4 68.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 50.596 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Tgt Ion:164 Resp: 55186

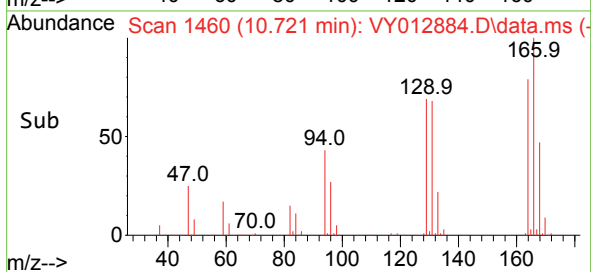
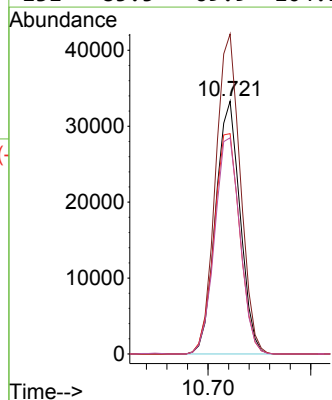
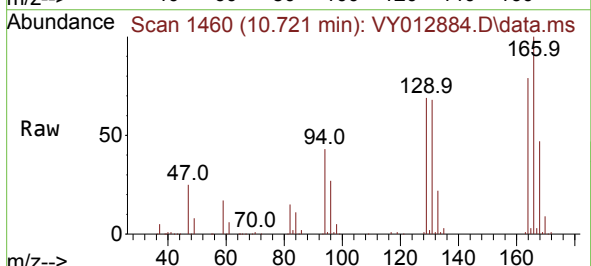
Ion Ratio Lower Upper

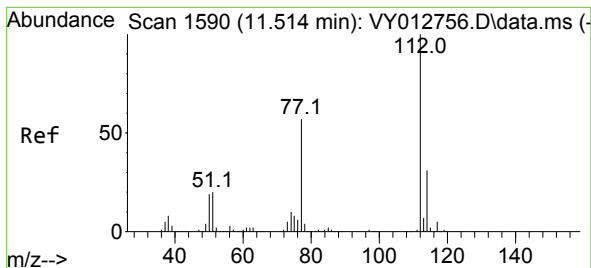
164 100

166 126.6 103.4 155.2

129 87.1 71.4 107.2

131 85.5 69.9 104.9





#65

Chlorobenzene

Concen: 50.915 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

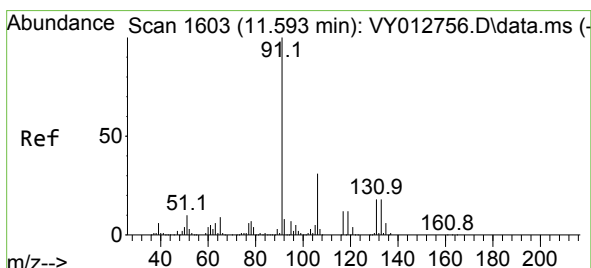
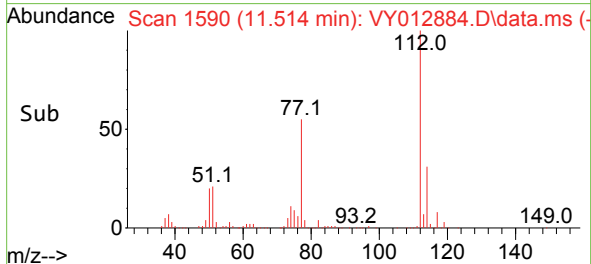
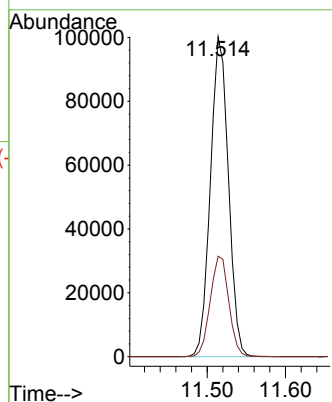
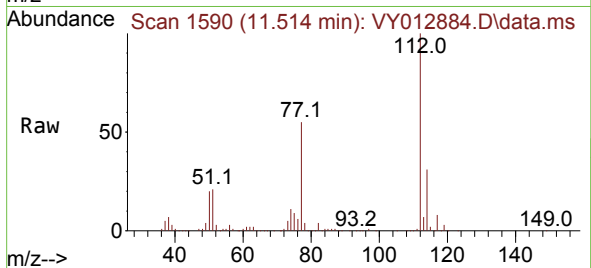
VSTDCCC050EC

Tgt Ion:112 Resp: 160084

Ion Ratio Lower Upper

112 100

114 31.4 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 51.322 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

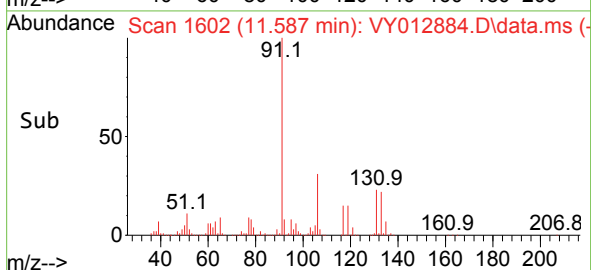
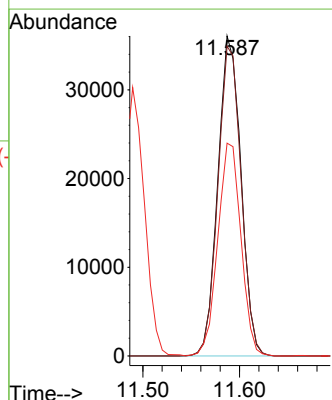
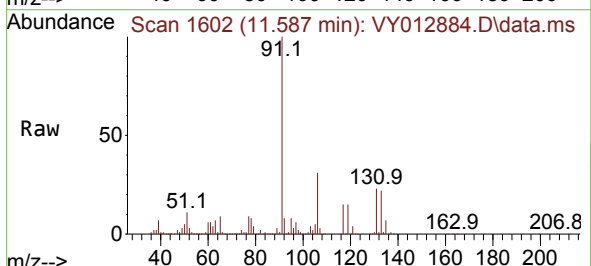
Tgt Ion:131 Resp: 59710

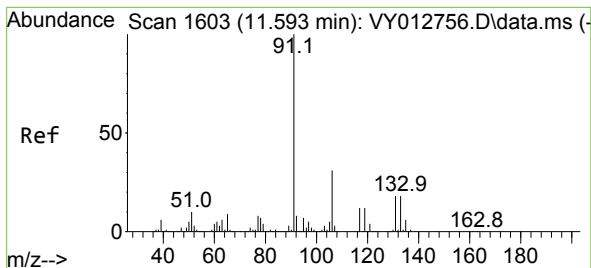
Ion Ratio Lower Upper

131 100

133 97.7 48.0 144.0

119 66.9 32.6 98.0





#67

Ethyl Benzene

Concen: 51.571 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

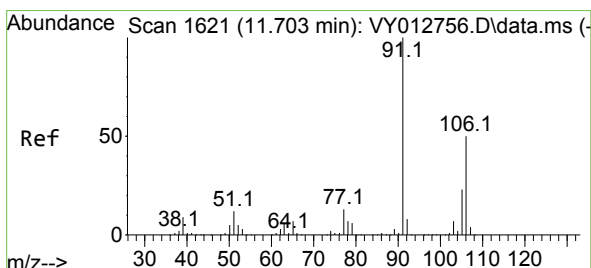
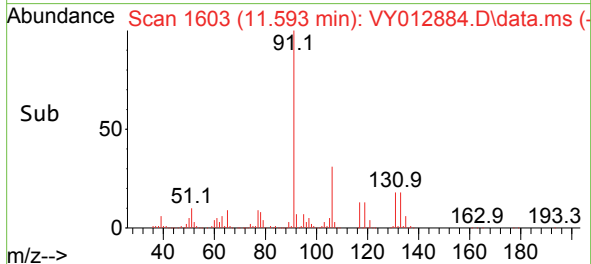
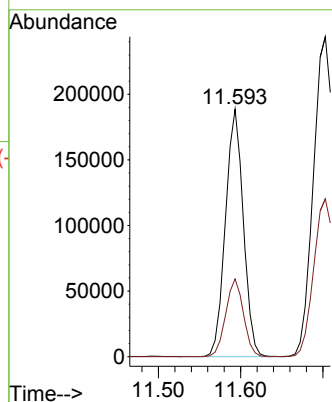
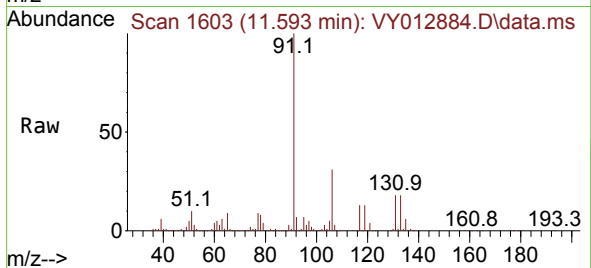
VSTDCCC050EC

Tgt Ion: 91 Resp: 285081

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



#68

m/p-Xylenes

Concen: 103.093 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012884.D

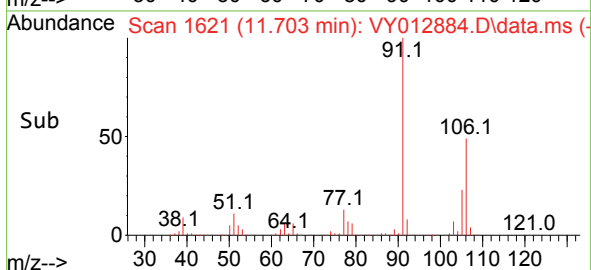
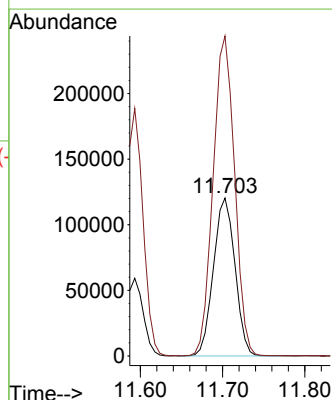
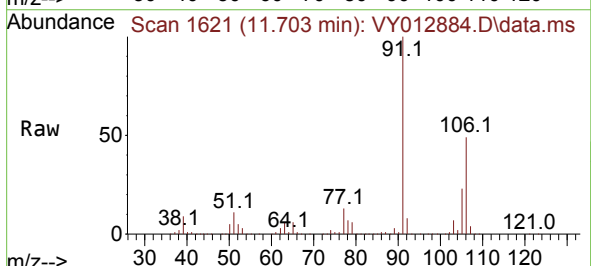
Acq: 08 Mar 2023 20:19

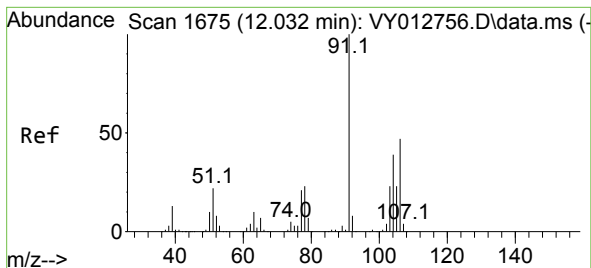
Tgt Ion:106 Resp: 219233

Ion Ratio Lower Upper

106 100

91 202.4 159.8 239.8





#69

o-Xylene

Concen: 53.170 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

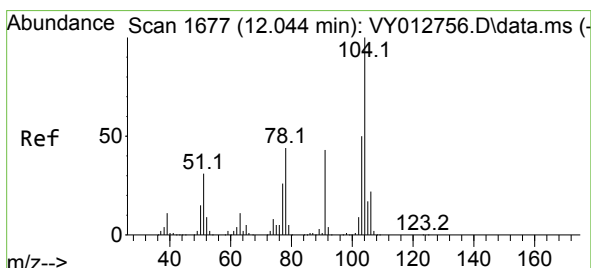
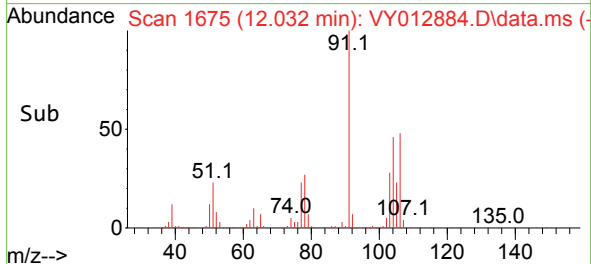
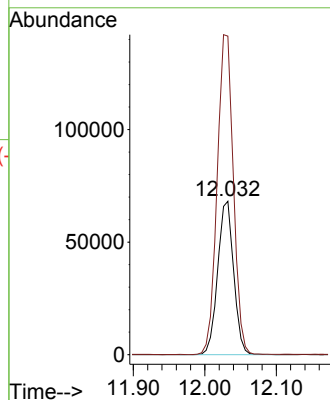
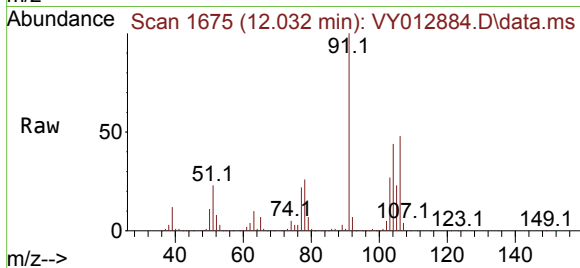
VSTDCCC050EC

Tgt Ion:106 Resp: 105526

Ion Ratio Lower Upper

106 100

91 212.3 107.2 321.6



#70

Styrene

Concen: 53.557 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

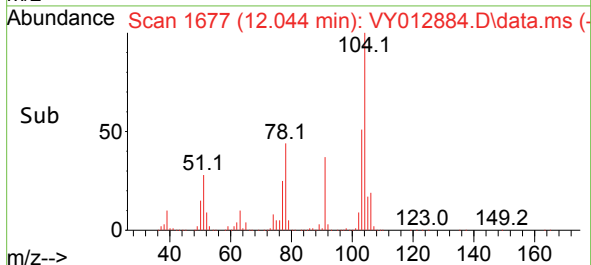
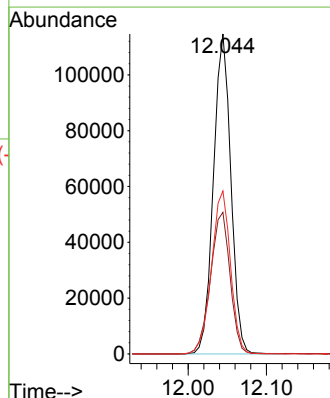
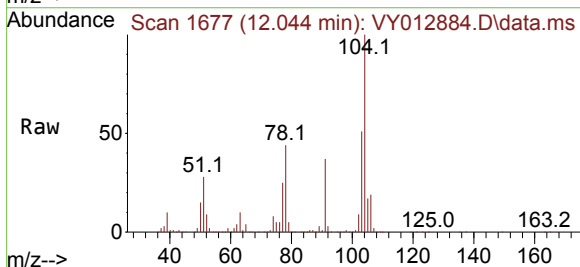
Tgt Ion:104 Resp: 177382

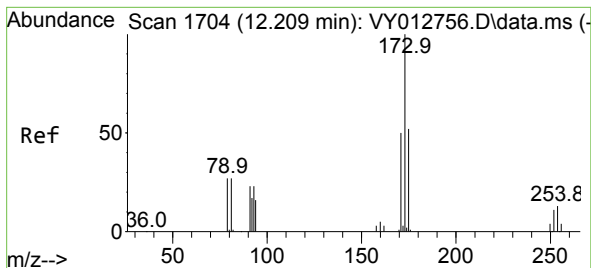
Ion Ratio Lower Upper

104 100

78 49.8 39.2 58.8

103 55.6 43.7 65.5





#71

Bromoform

Concen: 54.558 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

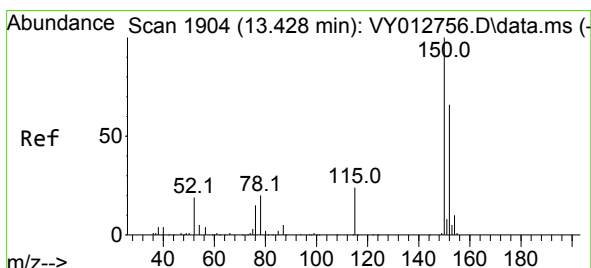
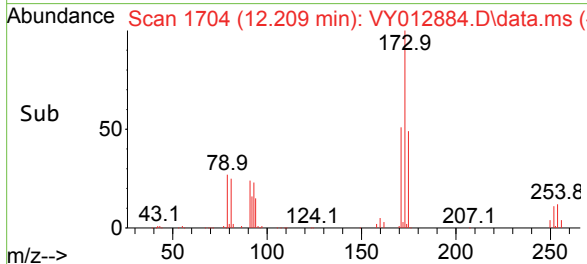
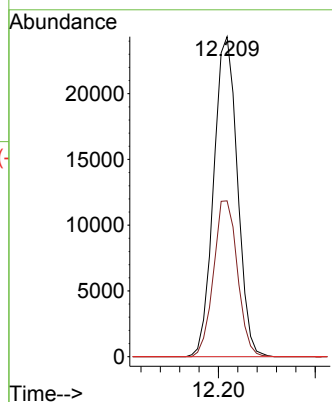
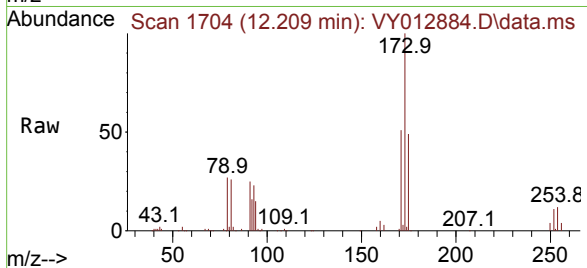
Tgt Ion:173 Resp: 41386

Ion Ratio Lower Upper

173 100

175 49.2 25.0 75.0

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

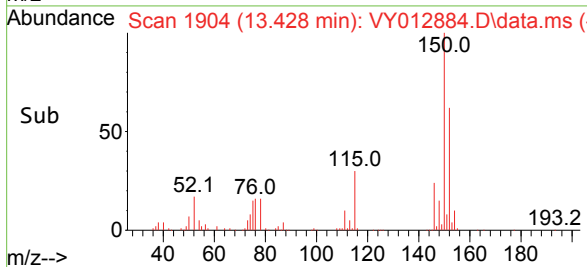
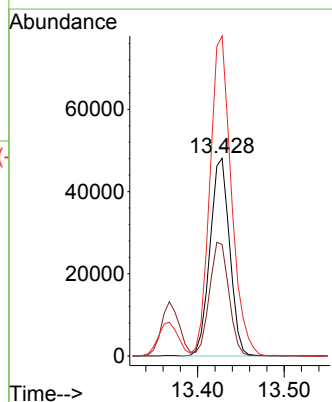
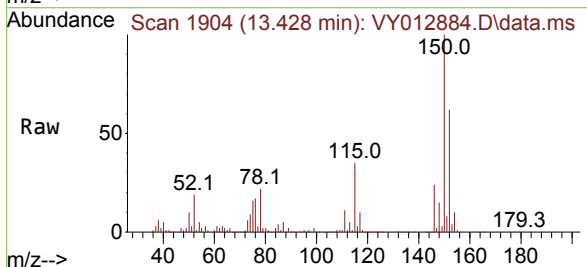
Tgt Ion:152 Resp: 75967

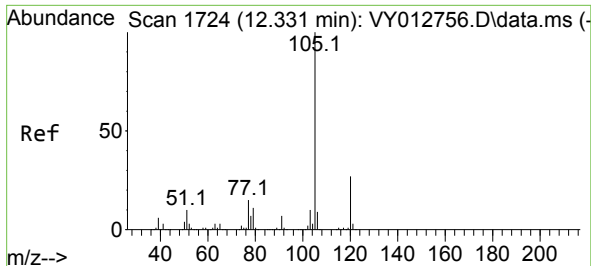
Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 176.1 0.0 347.8

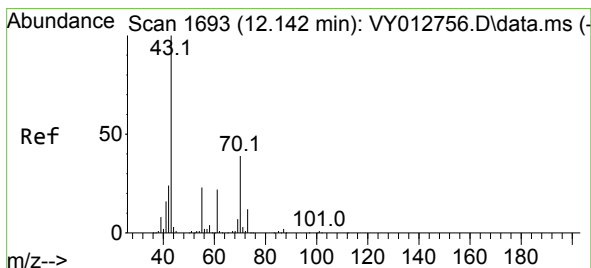
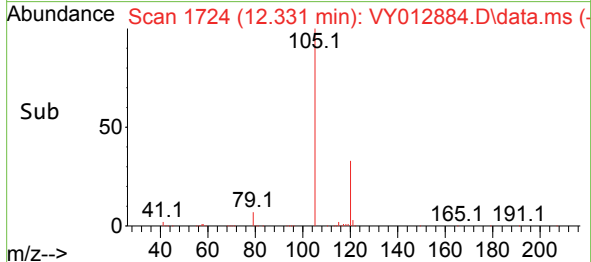
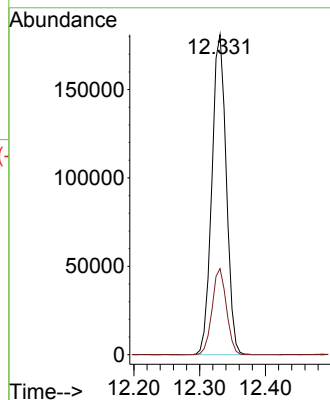
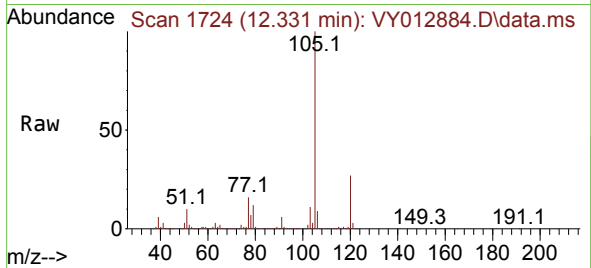




#73
Isopropylbenzene
Concen: 51.289 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

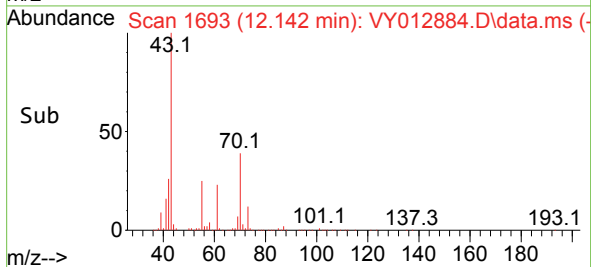
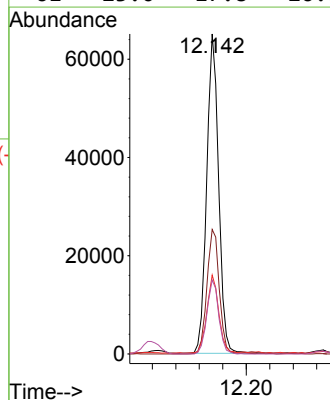
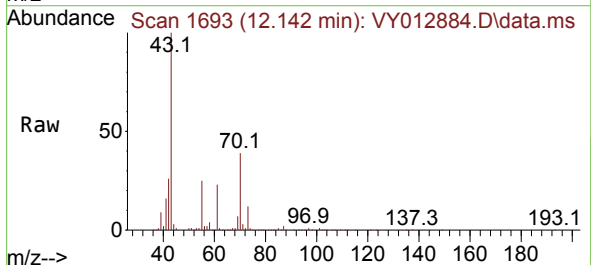
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

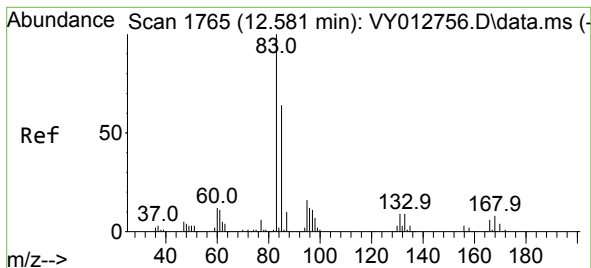
Tgt Ion:105 Resp: 276130
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2



#74
N-ethyl acetate
Concen: 54.114 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 43 Resp: 91667
Ion Ratio Lower Upper
43 100
70 40.3 31.6 47.4
55 24.2 18.8 28.2
61 23.0 17.8 26.8

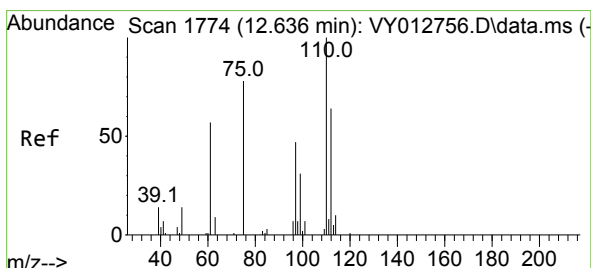
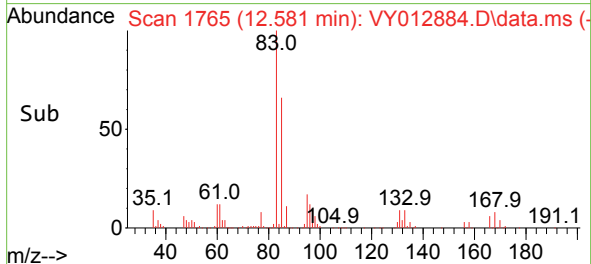
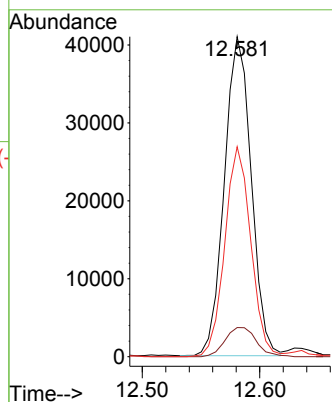
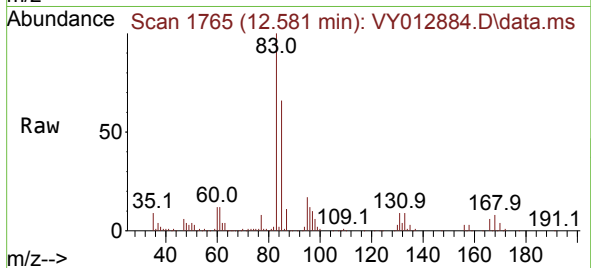




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.752 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY012884.D
 Acq: 08 Mar 2023 20:19

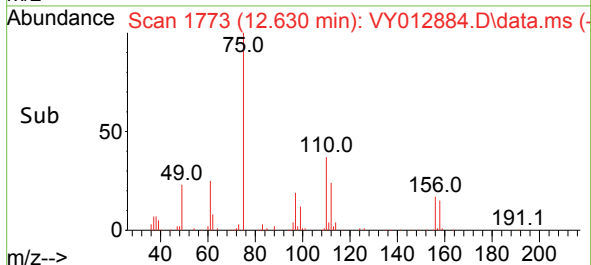
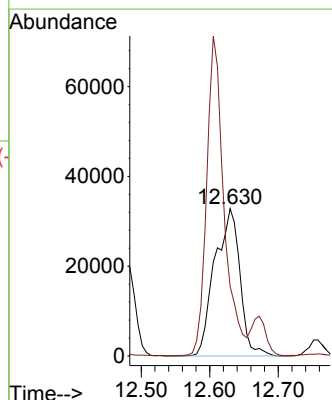
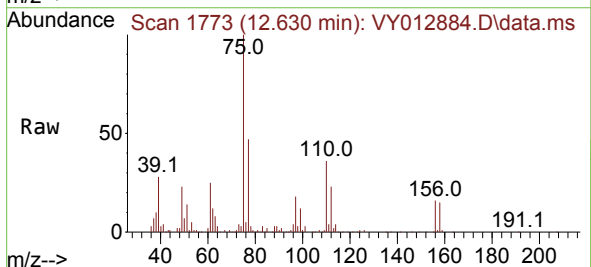
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

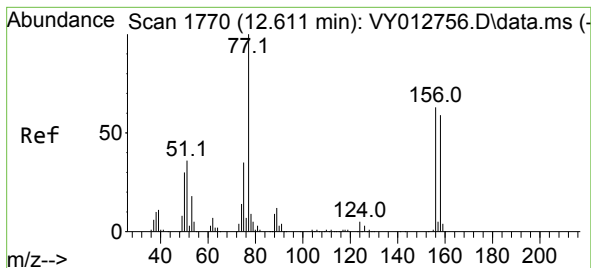
Tgt Ion: 83 Resp: 65053
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.1 15.2
 85 63.7 31.8 95.3



#76
 1,2,3-Trichloropropane
 Concen: 92.199 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY012884.D
 Acq: 08 Mar 2023 20:19

Tgt Ion: 75 Resp: 83640
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.015 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

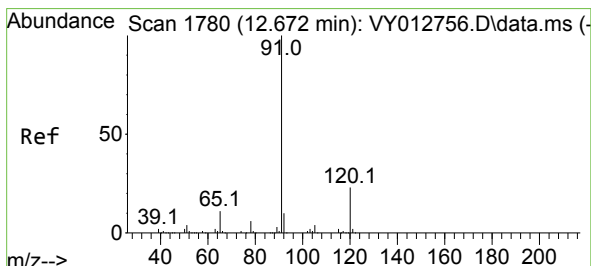
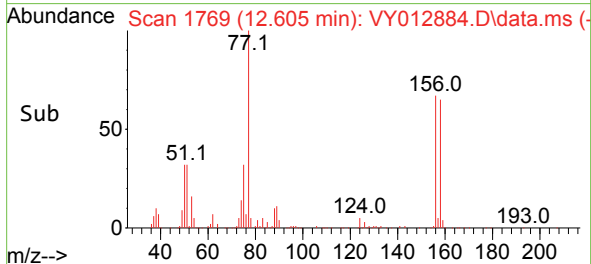
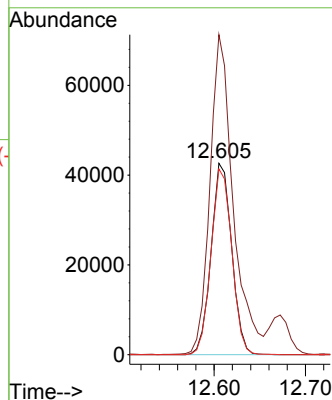
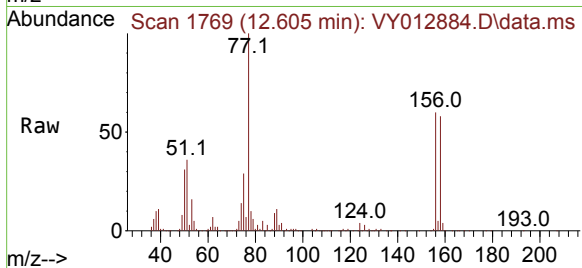
Tgt Ion:156 Resp: 66723

Ion Ratio Lower Upper

156 100

77 189.1 94.0 282.1

158 97.8 48.1 144.4



#78

n-propylbenzene

Concen: 50.978 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012884.D

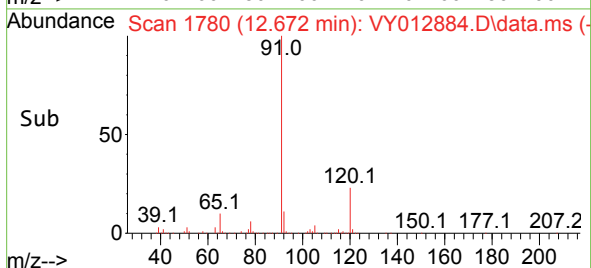
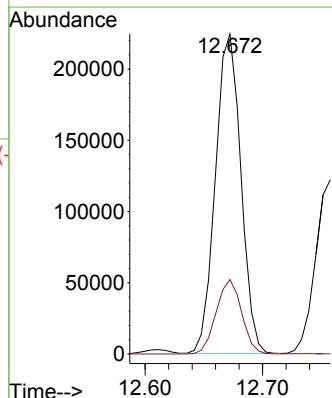
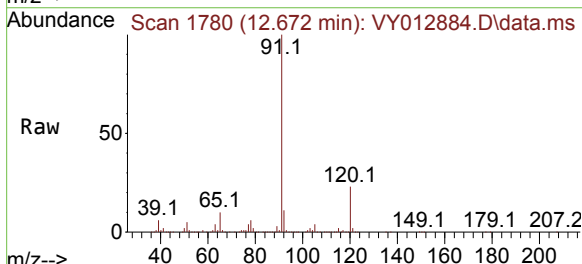
Acq: 08 Mar 2023 20:19

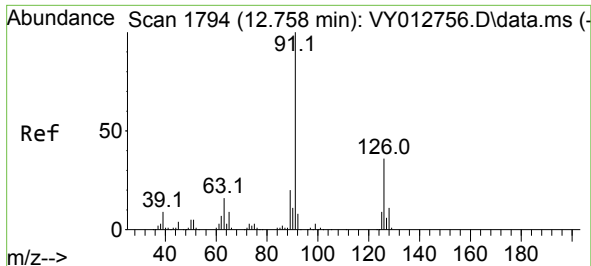
Tgt Ion: 91 Resp: 338375

Ion Ratio Lower Upper

91 100

120 23.1 11.6 34.8

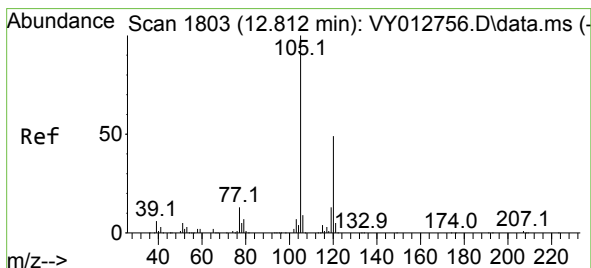
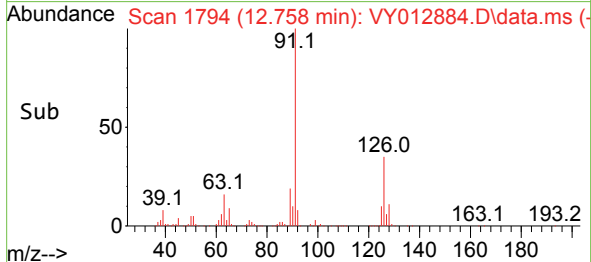
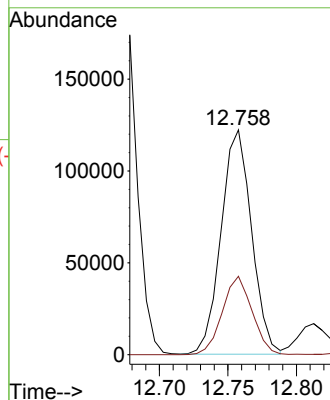
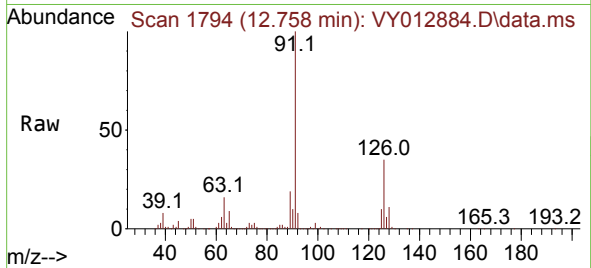




#79
2-Chlorotoluene
Concen: 51.236 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

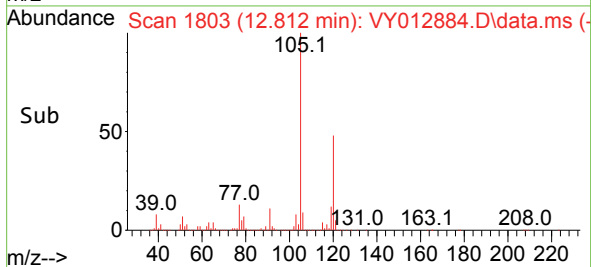
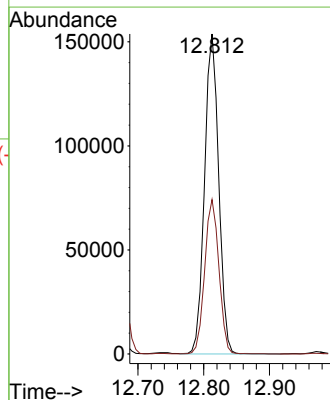
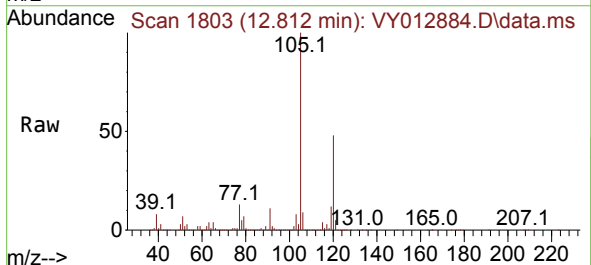
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

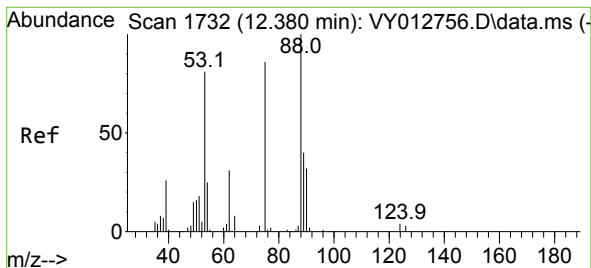
Tgt Ion: 91 Resp: 189014
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.2



#80
1,3,5-Trimethylbenzene
Concen: 51.830 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 105 Resp: 230285
Ion Ratio Lower Upper
105 100
120 48.6 24.8 74.4

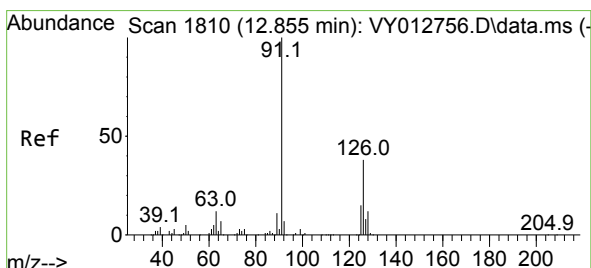
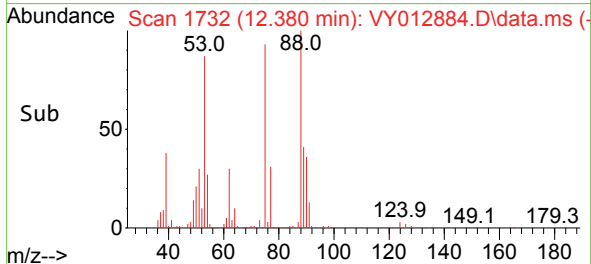
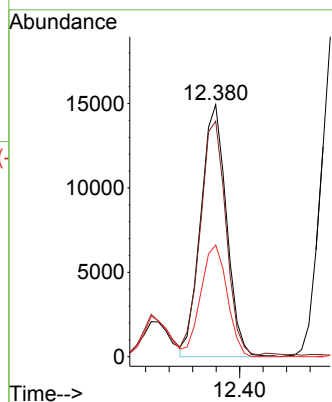
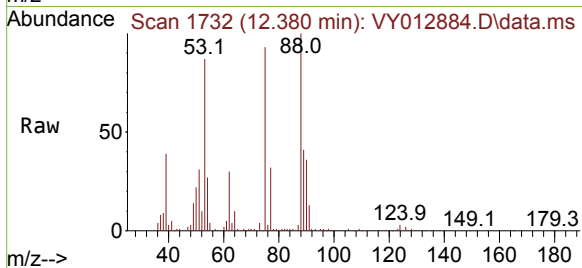




#81
trans-1,4-Dichloro-2-butene
Concen: 51.956 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

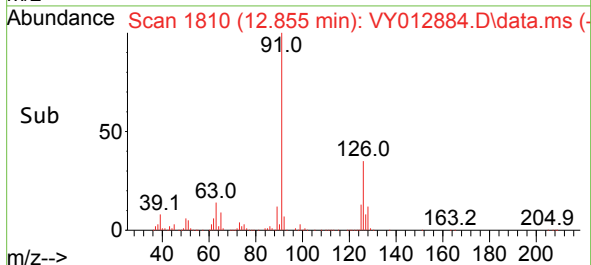
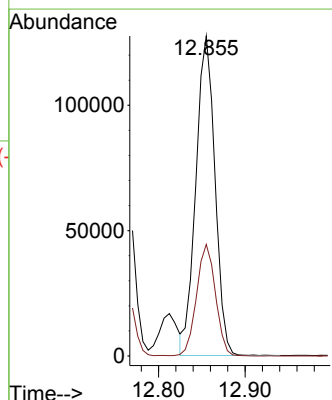
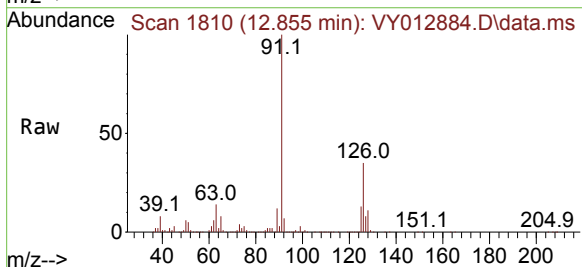
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

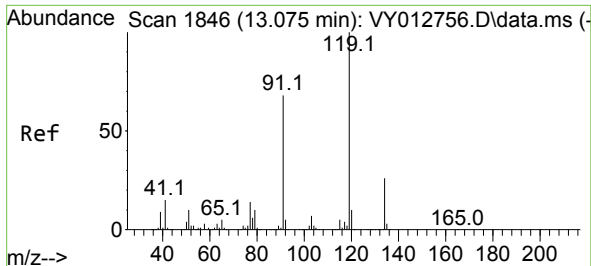
Tgt Ion: 75 Resp: 22747
Ion Ratio Lower Upper
75 100
53 92.6 73.4 110.0
89 45.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 51.066 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 91 Resp: 195012
Ion Ratio Lower Upper
91 100
126 34.7 17.7 53.1

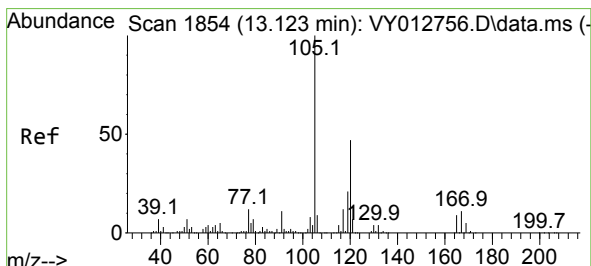
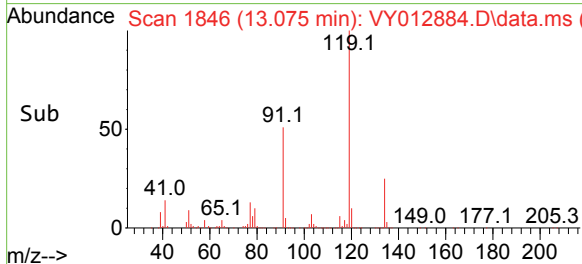
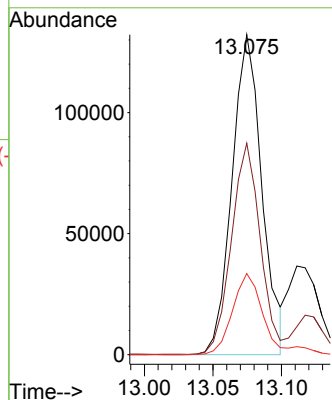
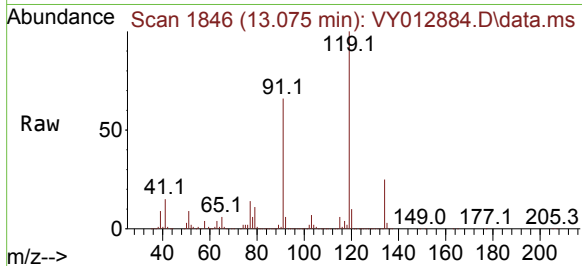




#83
tert-Butylbenzene
Concen: 52.434 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

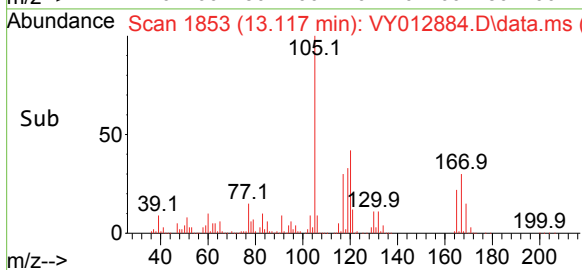
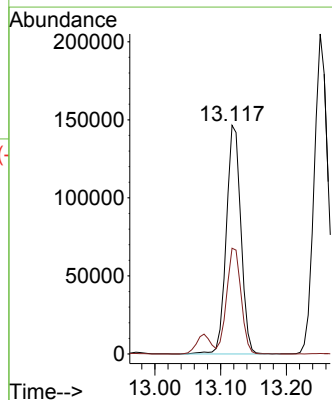
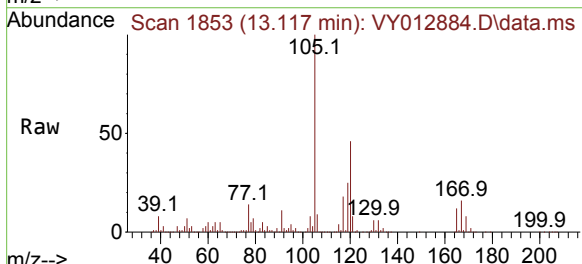
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

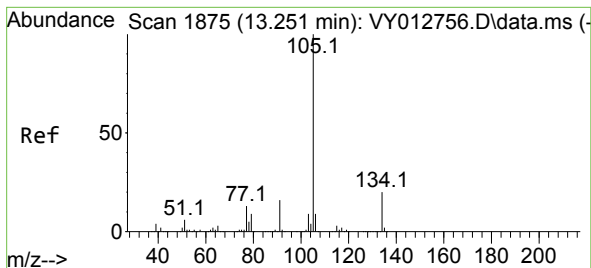
Tgt Ion:119 Resp: 201081
Ion Ratio Lower Upper
119 100
91 63.5 32.8 98.3
134 26.8 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 51.942 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion:105 Resp: 225670
Ion Ratio Lower Upper
105 100
120 45.9 23.0 69.0





#85

sec-Butylbenzene

Concen: 50.921 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

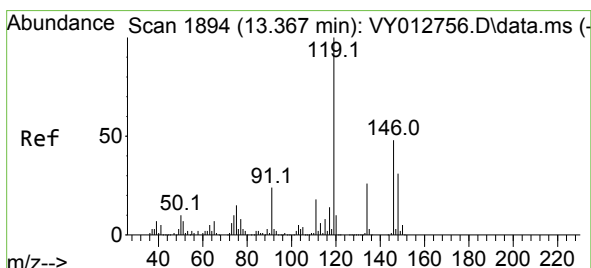
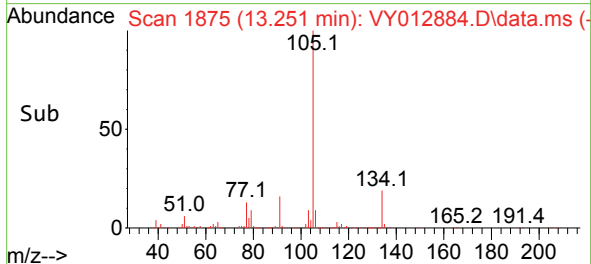
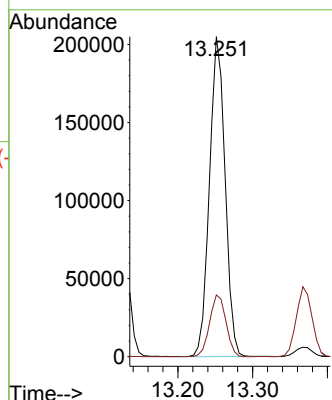
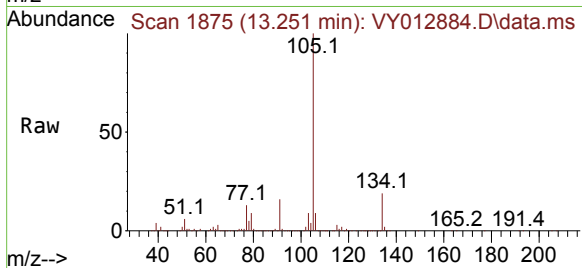
VSTDCCC050EC

Tgt Ion:105 Resp: 297909

Ion Ratio Lower Upper

105 100

134 20.2 10.4 31.1



#86

p-Isopropyltoluene

Concen: 51.169 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

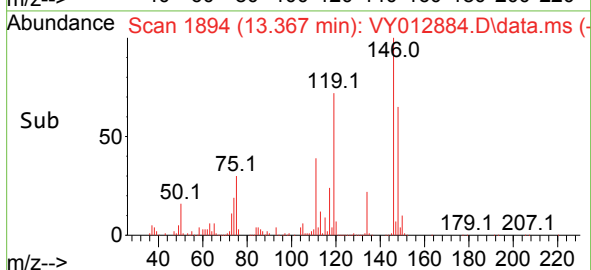
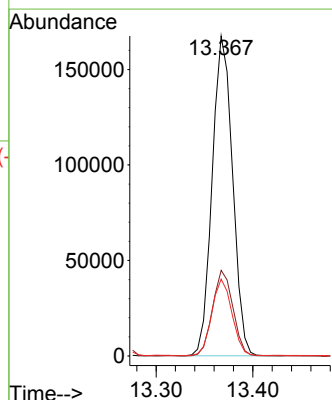
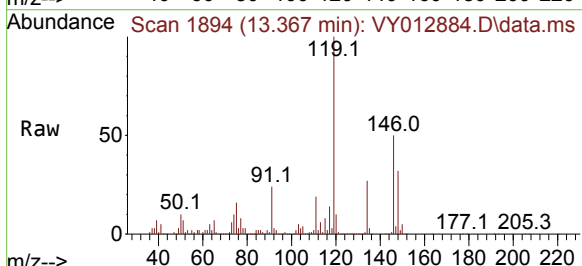
Tgt Ion:119 Resp: 244665

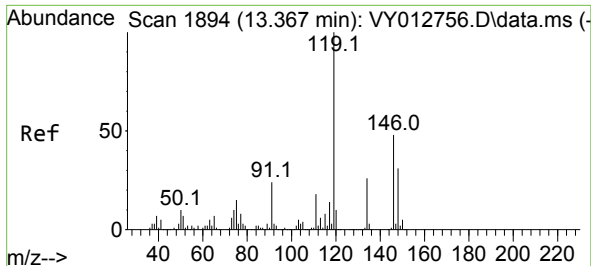
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.6

91 23.5 11.8 35.3

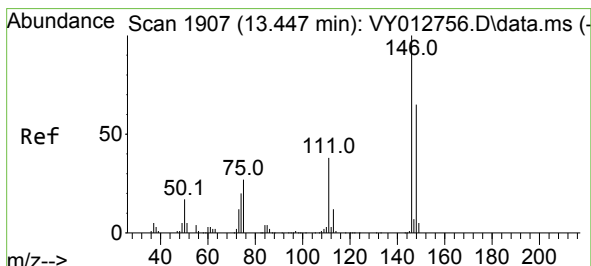
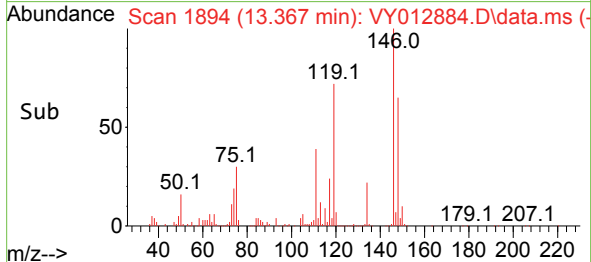
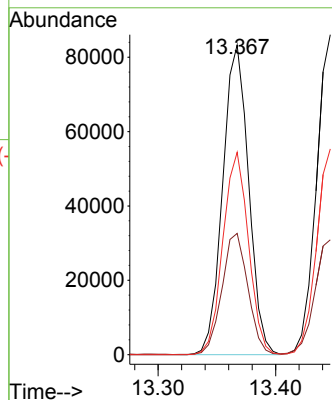
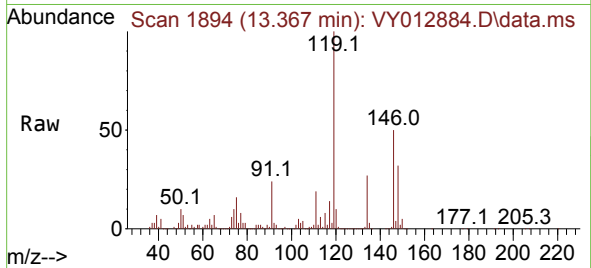




#87
1,3-Dichlorobenzene
Concen: 50.536 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

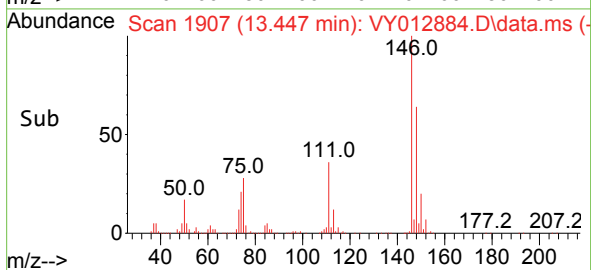
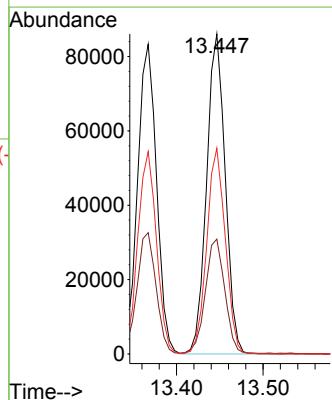
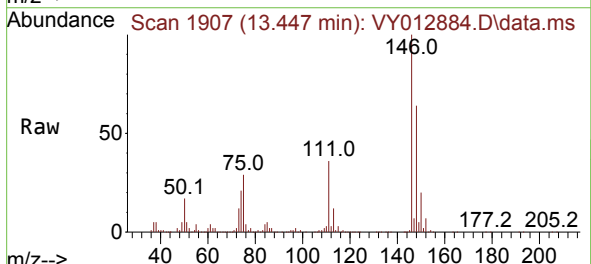
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

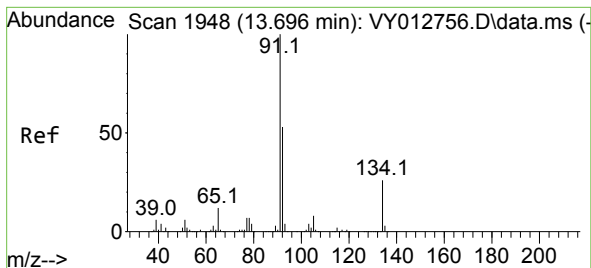
Tgt Ion:146 Resp: 127478
Ion Ratio Lower Upper
146 100
111 39.3 19.1 57.5
148 64.6 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 49.969 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion:146 Resp: 128646
Ion Ratio Lower Upper
146 100
111 37.3 18.6 55.8
148 64.4 31.5 94.5





#89

n-Butylbenzene

Concen: 51.063 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012884.D

Acq: 08 Mar 2023 20:19

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

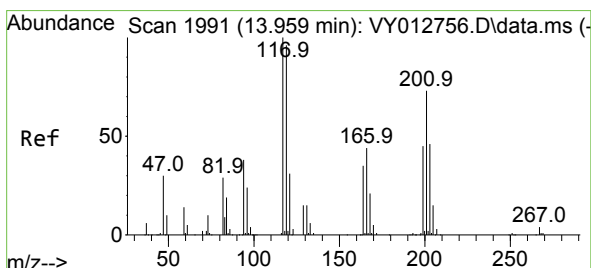
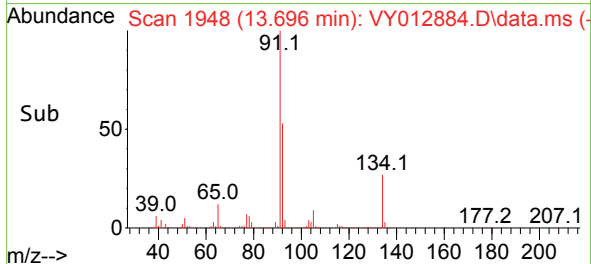
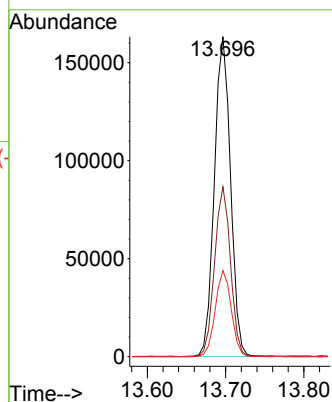
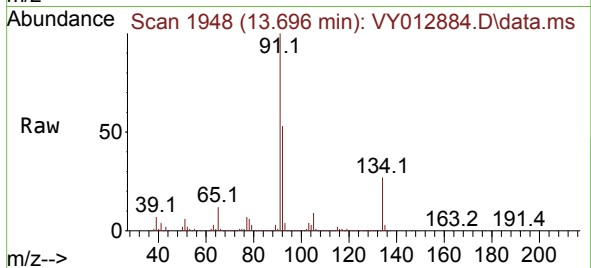
Tgt Ion: 91 Resp: 233737

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.0

134 26.7 13.0 38.9



#90

Hexachloroethane

Concen: 50.126 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY012884.D

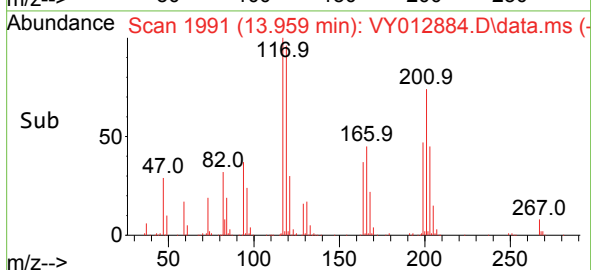
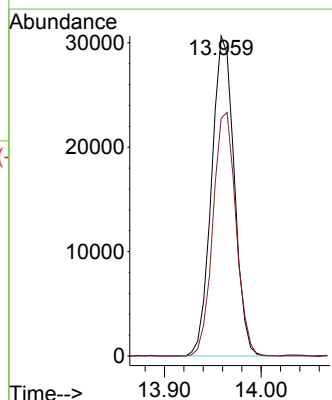
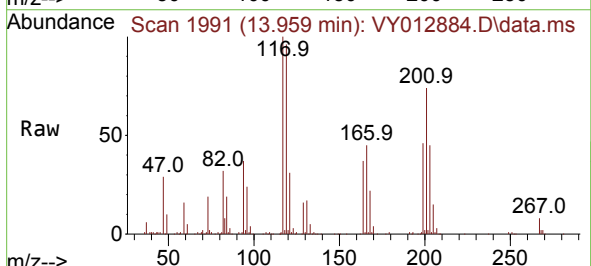
Acq: 08 Mar 2023 20:19

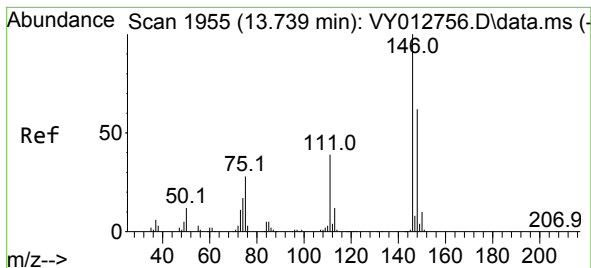
Tgt Ion: 117 Resp: 49919

Ion Ratio Lower Upper

117 100

201 77.2 39.4 118.1

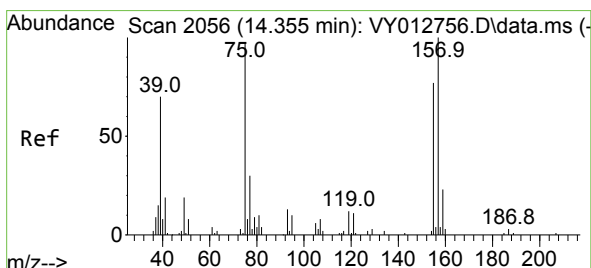
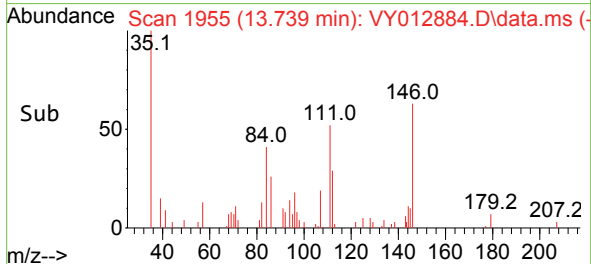
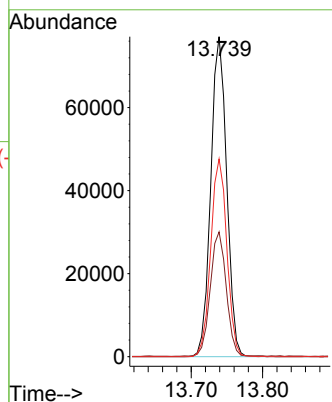
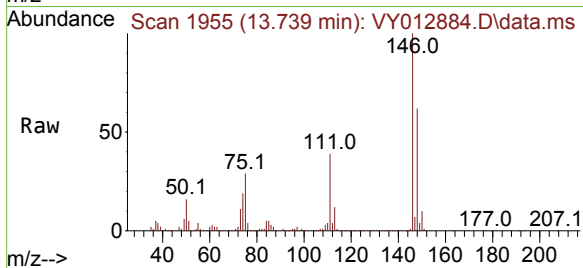




#91
1,2-Dichlorobenzene
Concen: 52.107 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

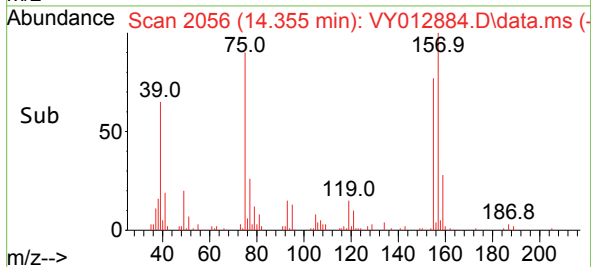
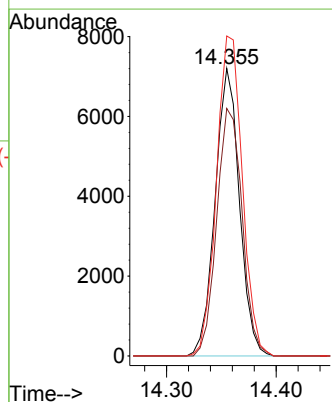
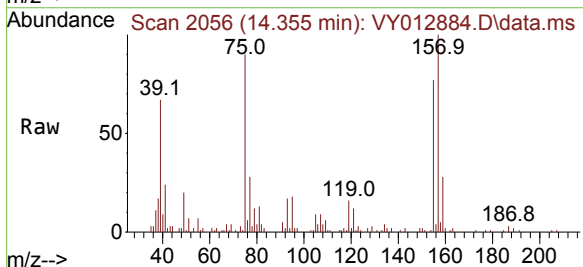
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

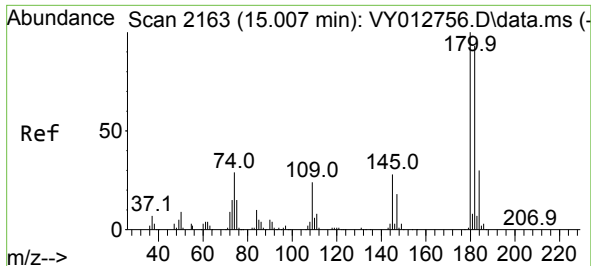
Tgt Ion:146 Resp: 118819
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.1
148 62.7 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.796 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion: 75 Resp: 11109
Ion Ratio Lower Upper
75 100
155 89.8 43.8 131.4
157 118.3 54.1 162.3

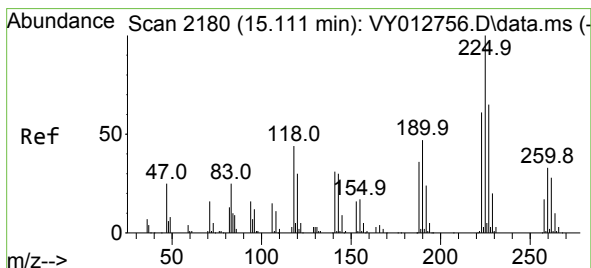
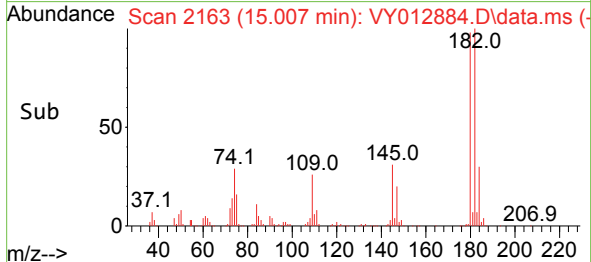
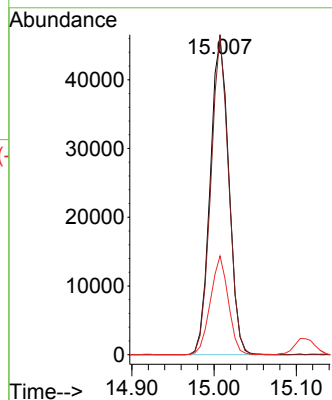
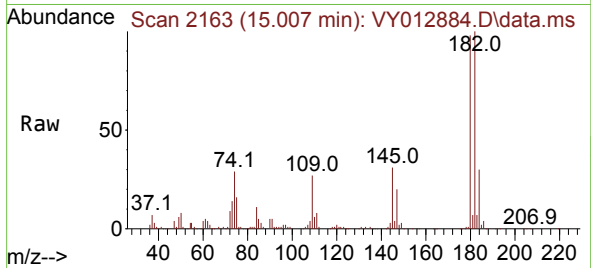




#93
1,2,4-Trichlorobenzene
Concen: 51.689 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

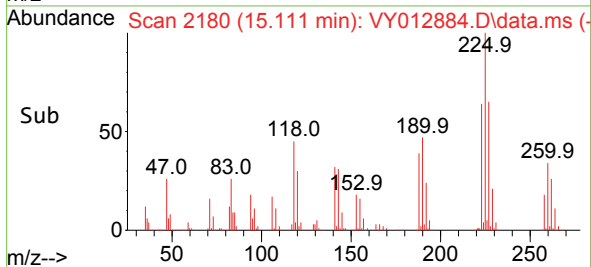
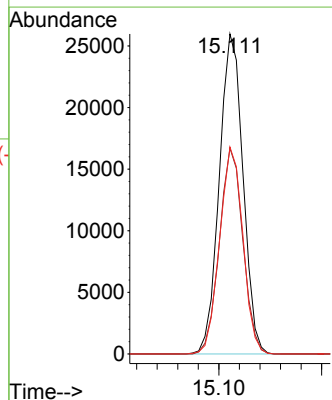
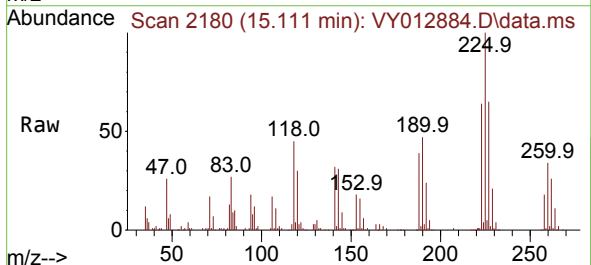
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

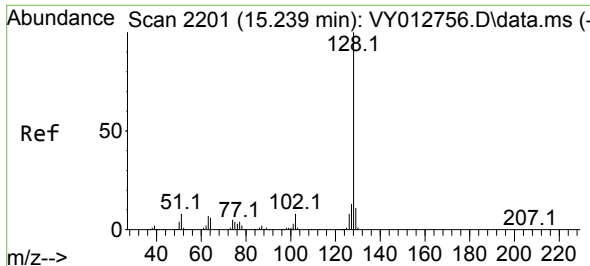
Tgt Ion:180 Resp: 72570
Ion Ratio Lower Upper
180 100
182 96.4 46.7 140.1
145 29.9 14.6 43.8



#94
Hexachlorobutadiene
Concen: 48.424 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion:225 Resp: 41466
Ion Ratio Lower Upper
225 100
223 63.6 31.1 93.3
227 63.4 32.4 97.0

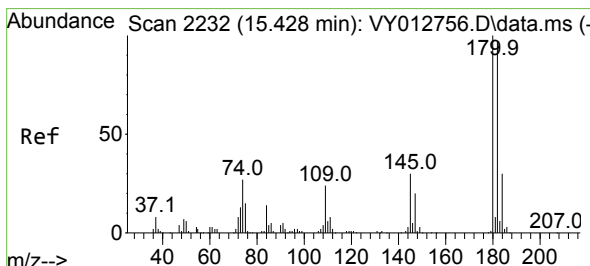
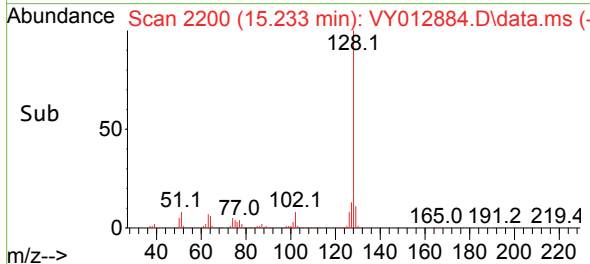
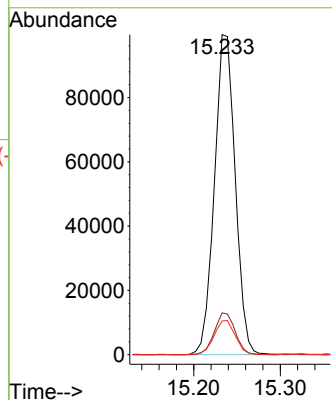
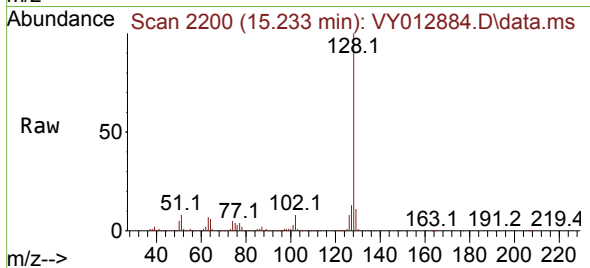




#95
Naphthalene
Concen: 59.127 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 166352
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.514 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY012884.D
Acq: 08 Mar 2023 20:19

Tgt Ion:180 Resp: 65572
Ion Ratio Lower Upper
180 100
182 94.8 47.4 142.3
145 31.6 15.3 45.8

