

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030123\
 Data File : VY012741.D
 Acq On : 01 Mar 2023 10:31
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 02 02:01:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	109742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	149811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	57820	44.611	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.220%
35) Dibromofluoromethane	7.716	113	56467	50.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.179	98	207089	49.373	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.483	95	70057	52.195	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50795	45.021	ug/l	98
3) Chloromethane	2.113	50	59010	43.378	ug/l	99
4) Vinyl Chloride	2.253	62	56588	45.392	ug/l	99
5) Bromomethane	2.656	94	33551	49.142	ug/l	98
6) Chloroethane	2.796	64	35063	44.184	ug/l	94
7) Trichlorofluoromethane	3.131	101	96605	48.074	ug/l	92
8) Diethyl Ether	3.534	74	34610	48.106	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.905	101	61200	50.962	ug/l	99
10) Methyl Iodide	4.094	142	79386	50.486	ug/l	98
11) Tert butyl alcohol	4.960	59	28606	201.765	ug/l	99
12) 1,1-Dichloroethene	3.875	96	56842	49.030	ug/l	99
13) Acrolein	3.729	56	41449	231.385	ug/l	99
14) Allyl chloride	4.485	41	100189	44.528	ug/l	98
15) Acrylonitrile	5.161	53	93120	243.286	ug/l	99
16) Acetone	3.948	43	123691	292.465	ug/l	96
17) Carbon Disulfide	4.198	76	153608	39.373	ug/l	99
18) Methyl Acetate	4.478	43	60878	44.685	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	155557	49.883	ug/l	100
20) Methylene Chloride	4.722	84	66550	50.473	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	62005	49.169	ug/l	90
22) Diisopropyl ether	6.118	45	204880	48.797	ug/l	96
23) Vinyl Acetate	6.064	43	621736	239.094	ug/l	97
24) 1,1-Dichloroethane	6.021	63	113827	48.891	ug/l	97
25) 2-Butanone	6.984	43	142703	254.227	ug/l	95
26) 2,2-Dichloropropane	6.984	77	99138	48.815	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	70528	51.116	ug/l	96
28) Bromochloromethane	7.332	49	45214	48.499	ug/l	88
29) Tetrahydrofuran	7.350	42	80219	234.082	ug/l	95
30) Chloroform	7.508	83	116111	51.471	ug/l	94
31) Cyclohexane	7.783	56	92722	41.177	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	101440	49.673	ug/l	99
36) 1,1-Dichloropropene	7.917	75	85202	48.012	ug/l	98
37) Ethyl Acetate	7.069	43	51835	43.288	ug/l #	95
38) Carbon Tetrachloride	7.905	117	93523	50.968	ug/l	99
39) Methylcyclohexane	9.185	83	99131	48.425	ug/l	97
40) Benzene	8.161	78	253625	51.200	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	74279	127.363	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	74998	48.826	ug/l	99
43) Isopropyl Acetate	8.270	43	97325	47.034	ug/l	96
44) Trichloroethene	8.941	130	66816	52.171	ug/l	96
45) 1,2-Dichloropropane	9.215	63	66047	51.835	ug/l	97
46) Dibromomethane	9.307	93	37279	53.000	ug/l	97
47) Bromodichloromethane	9.496	83	88720	52.395	ug/l	98
48) Methyl methacrylate	9.295	41	46351	48.003	ug/l	97
49) 1,4-Dioxane	9.301	88	9139	851.871	ug/l #	86
51) 4-Methyl-2-Pentanone	10.069	43	273955	245.435	ug/l	97
52) Toluene	10.246	92	157809	53.768	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	93947	53.094	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	105623	52.753	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	52234	54.675	ug/l	95
56) Ethyl methacrylate	10.514	69	71300	54.649	ug/l	94
57) 1,3-Dichloropropane	10.794	76	88910	52.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	165119	239.031	ug/l	97
59) 2-Hexanone	10.831	43	209896	265.257	ug/l	97
60) Dibromochloromethane	10.983	129	64013	55.305	ug/l	99
61) 1,2-Dibromoethane	11.093	107	49536	54.121	ug/l	98
64) Tetrachloroethene	10.721	164	56523	51.877	ug/l	98
65) Chlorobenzene	11.520	112	170361	53.030	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	64995	54.592	ug/l	99
67) Ethyl Benzene	11.593	91	305646	53.226	ug/l	99
68) m/p-Xylenes	11.703	106	233784	106.723	ug/l	98
69) o-Xylene	12.032	106	111296	54.854	ug/l	99
70) Styrene	12.044	104	190329	55.968	ug/l	98
71) Bromoform	12.209	173	41275	54.330	ug/l #	99
73) Isopropylbenzene	12.331	105	298685	52.386	ug/l	100
74) N-amyl acetate	12.148	43	88560	47.250	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	64979	50.686	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	82617	85.892	ug/l #	100
77) Bromobenzene	12.611	156	69996	51.235	ug/l	96
78) n-propylbenzene	12.672	91	368665	51.693	ug/l	99
79) 2-Chlorotoluene	12.757	91	203259	51.301	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	246101	51.672	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	23503	51.765	ug/l	93
82) 4-Chlorotoluene	12.855	91	209561	50.997	ug/l	98
83) tert-Butylbenzene	13.075	119	213765	52.561	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	241581	51.887	ug/l	99
85) sec-Butylbenzene	13.257	105	326432	52.754	ug/l	100
86) p-Isopropyltoluene	13.373	119	269683	52.920	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	140450	52.488	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	137581	50.702	ug/l	100
89) n-Butylbenzene	13.696	91	256792	52.616	ug/l	100
90) Hexachloroethane	13.965	117	54518	52.715	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	125013	52.311	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10248	48.631	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	78119	51.686	ug/l	98
94) Hexachlorobutadiene	15.111	225	47071	51.603	ug/l	99
95) Naphthalene	15.239	128	160011	52.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	70624	52.790	ug/l	96

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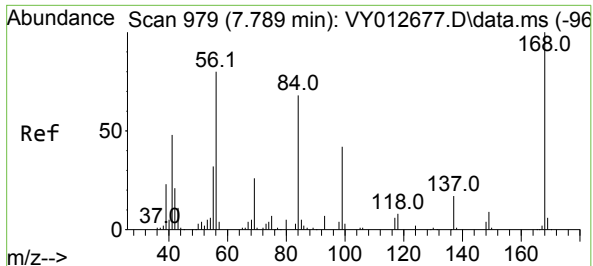
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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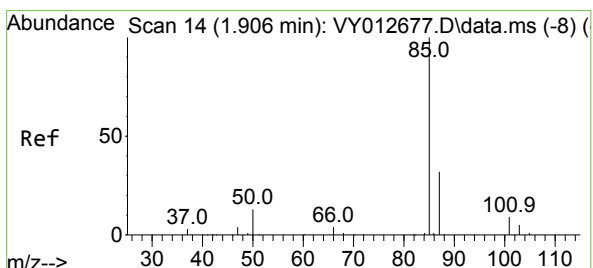
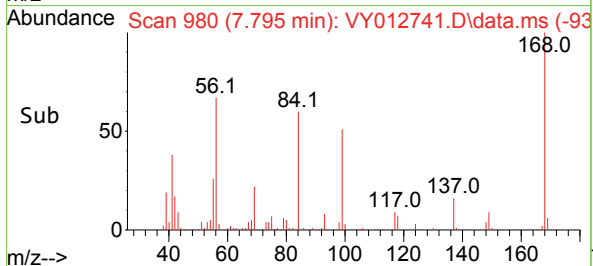
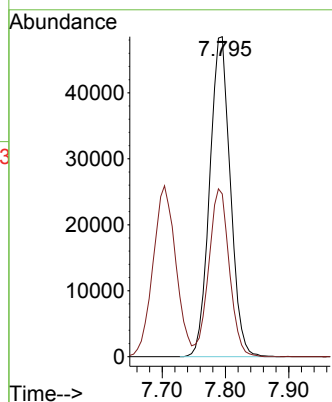
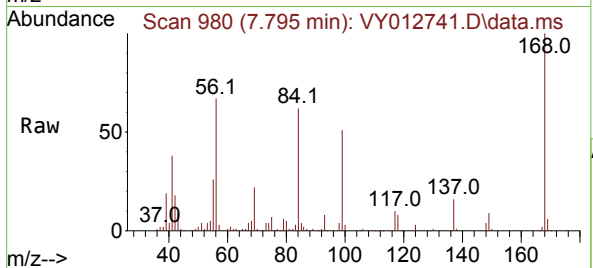




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

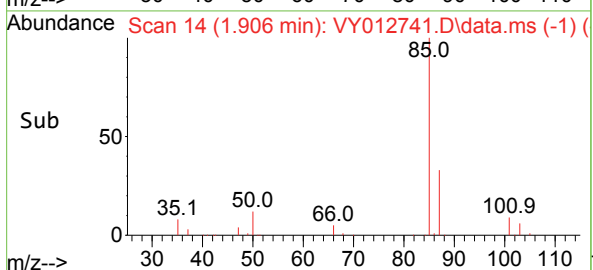
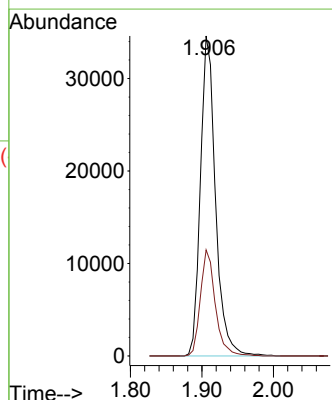
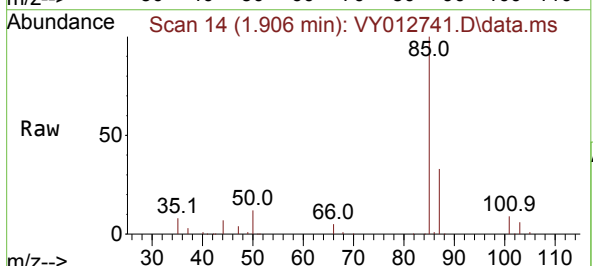
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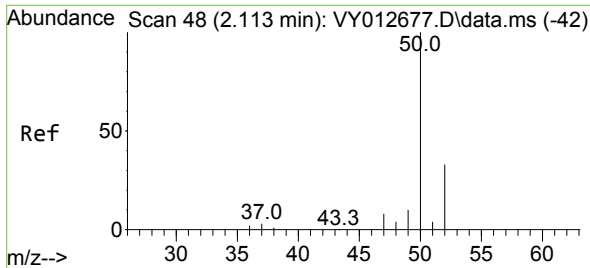
Tgt Ion:168 Resp: 109742
Ion Ratio Lower Upper
168 100
99 50.8 45.4 68.2



#2
Dichlorodifluoromethane
Concen: 45.021 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 85 Resp: 50795
Ion Ratio Lower Upper
85 100
87 33.2 16.1 48.2

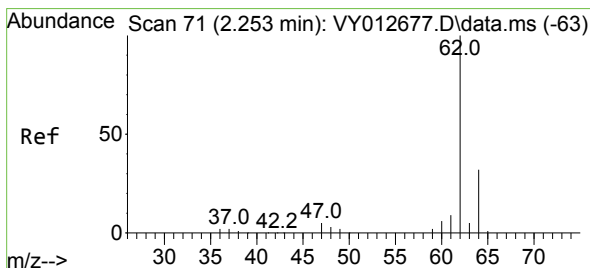
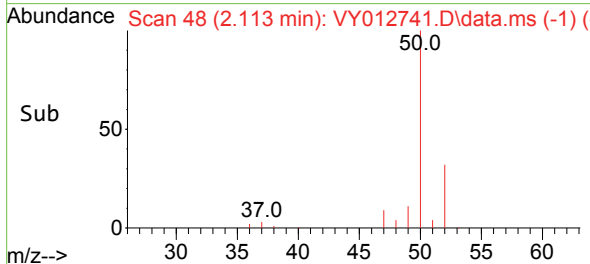
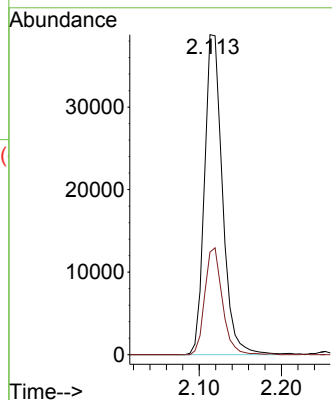
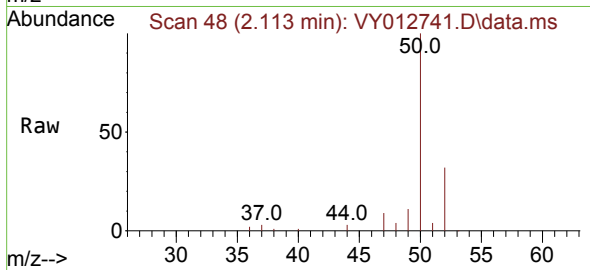




#3
Chloromethane
Concen: 43.378 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

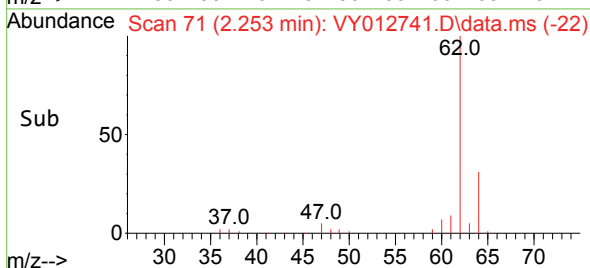
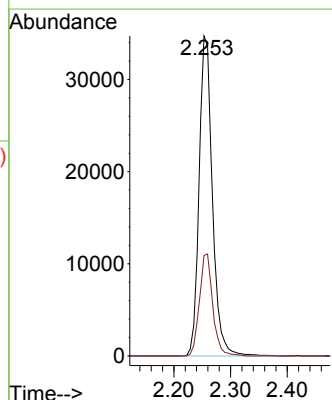
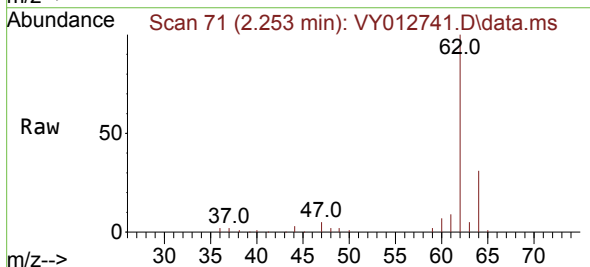
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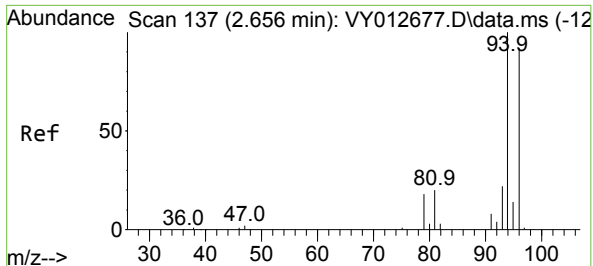
Tgt Ion: 50 Resp: 59010
Ion Ratio Lower Upper
50 100
52 32.0 26.1 39.1



#4
Vinyl Chloride
Concen: 45.392 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 62 Resp: 56588
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2

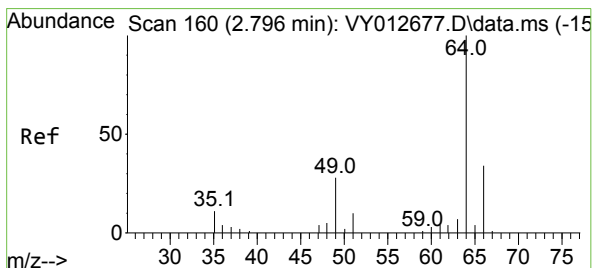
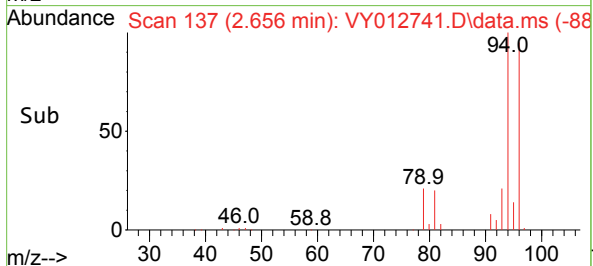
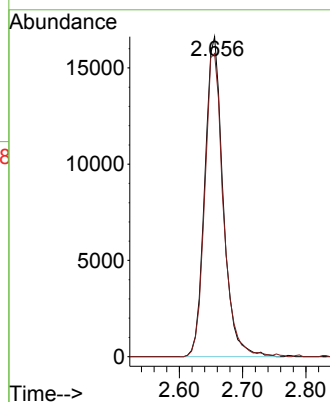
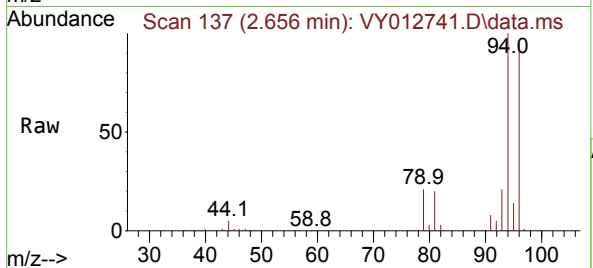




#5
Bromomethane
Concen: 49.142 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

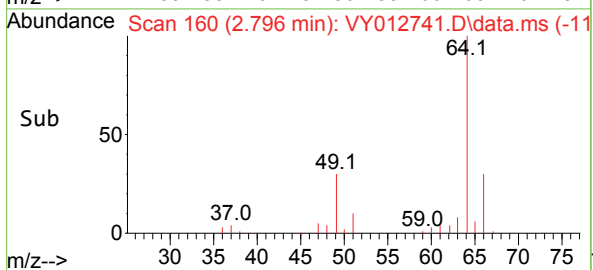
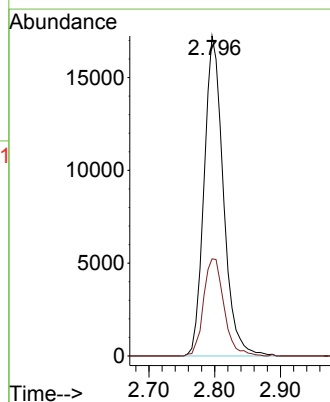
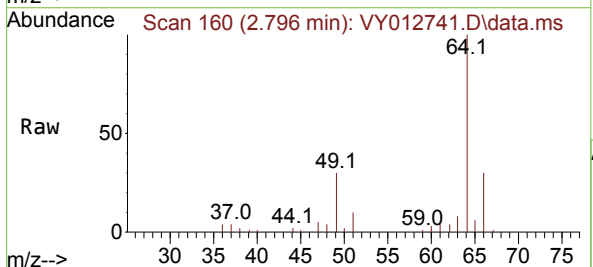
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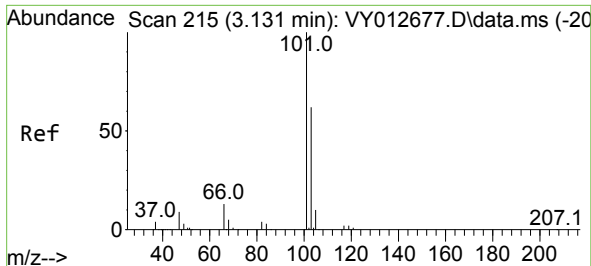
Tgt Ion: 94 Resp: 33551
Ion Ratio Lower Upper
94 100
96 94.7 73.9 110.9



#6
Chloroethane
Concen: 44.184 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 64 Resp: 35063
Ion Ratio Lower Upper
64 100
66 30.4 27.1 40.7

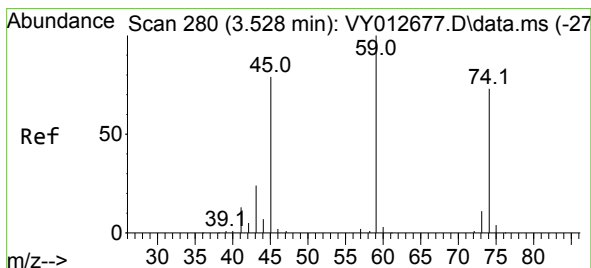
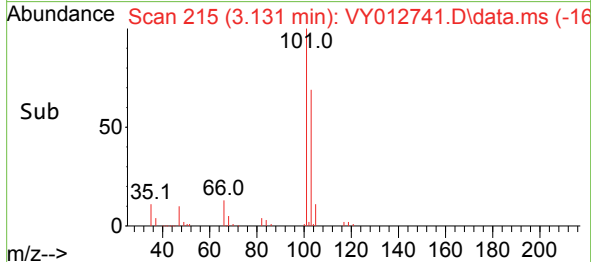
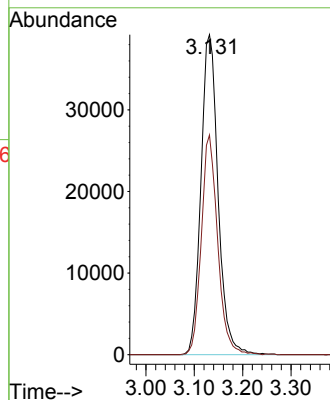
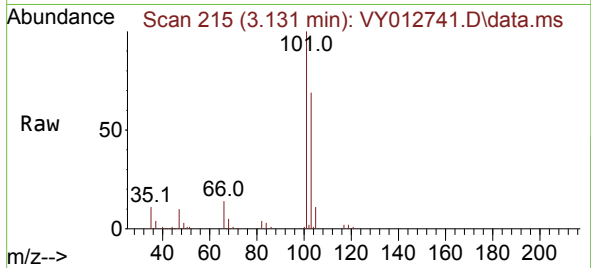




#7
 Trichlorofluoromethane
 Concen: 48.074 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY012741.D
 Acq: 01 Mar 2023 10:31

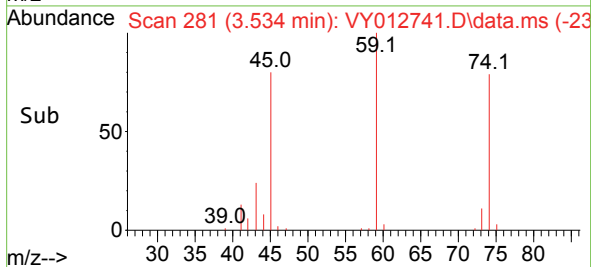
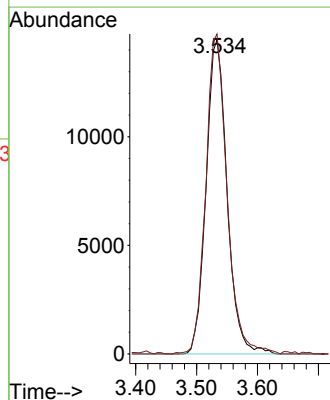
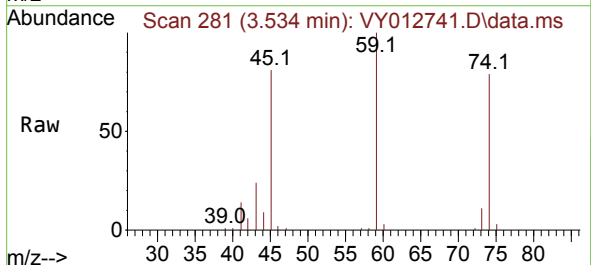
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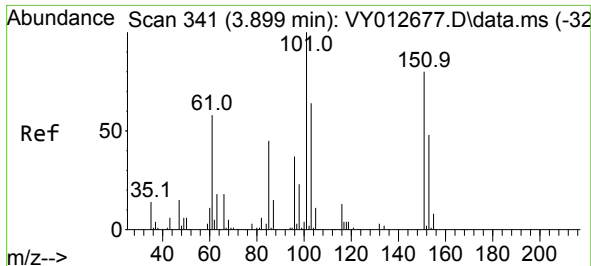
Tgt Ion:101 Resp: 96605
 Ion Ratio Lower Upper
 101 100
 103 68.7 49.8 74.6



#8
 Diethyl Ether
 Concen: 48.106 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY012741.D
 Acq: 01 Mar 2023 10:31

Tgt Ion: 74 Resp: 34610
 Ion Ratio Lower Upper
 74 100
 45 103.1 54.6 163.9

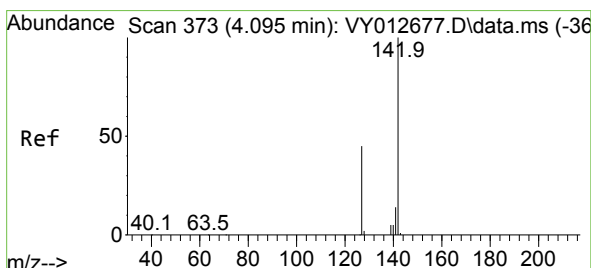
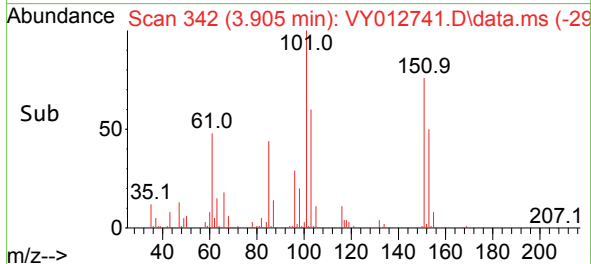
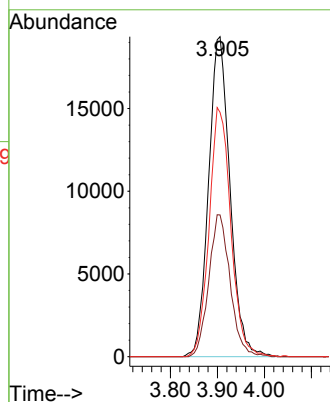
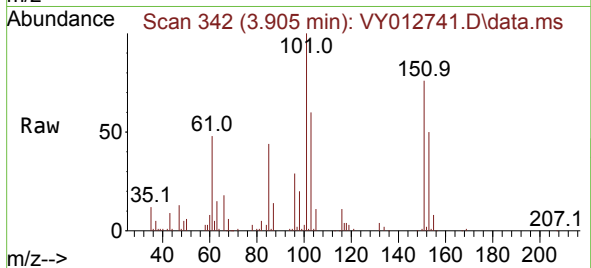




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.962 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY012741.D
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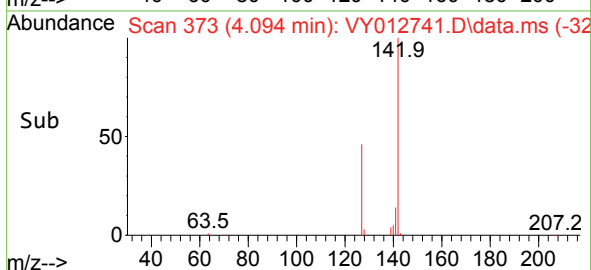
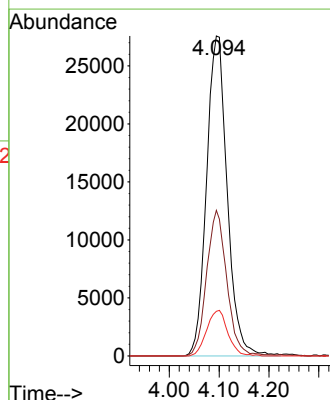
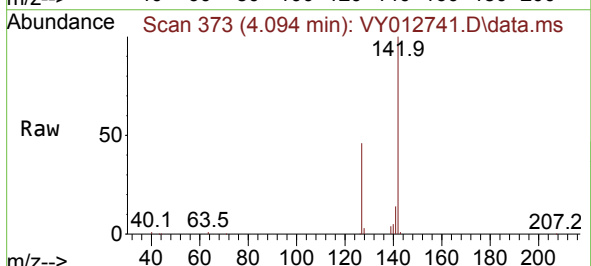
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

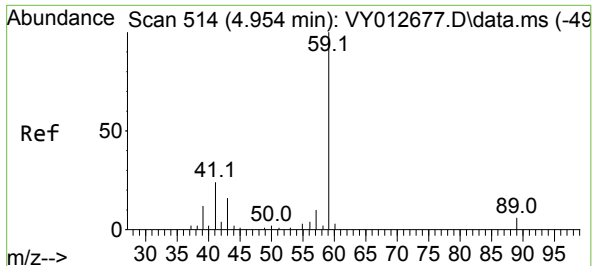
Tgt Ion:101 Resp: 61200
Ion Ratio Lower Upper
101 100
85 44.2 36.4 54.6
151 78.9 63.1 94.7



#10
Methyl Iodide
Concen: 50.486 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion:142 Resp: 79386
Ion Ratio Lower Upper
142 100
127 44.6 37.3 55.9
141 14.6 11.6 17.4





#11

Tert butyl alcohol

Concen: 201.765 ug/l

RT: 4.960 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

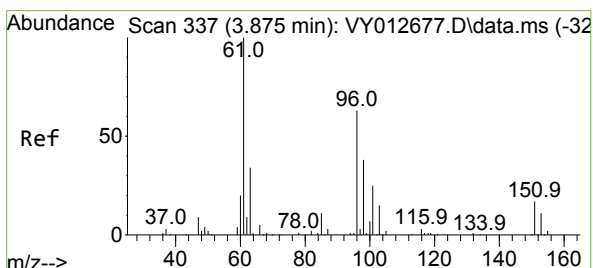
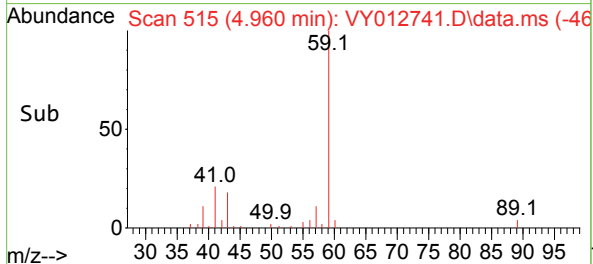
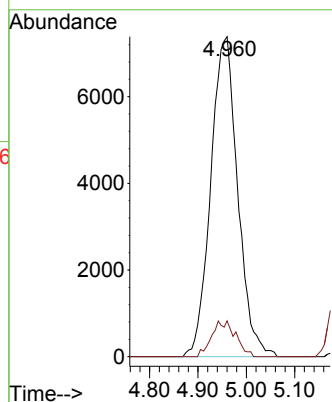
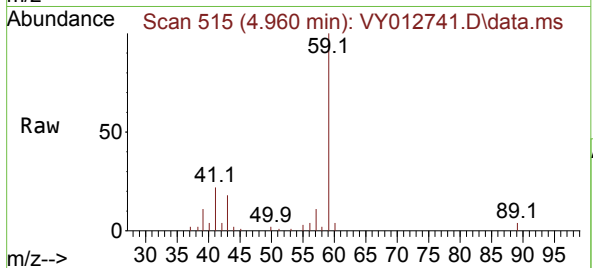
VSTDCCC050

Tgt Ion: 59 Resp: 28606

Ion Ratio Lower Upper

59 100

57 9.9 7.7 11.5



#12

1,1-Dichloroethene

Concen: 49.030 ug/l

RT: 3.875 min Scan# 337

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

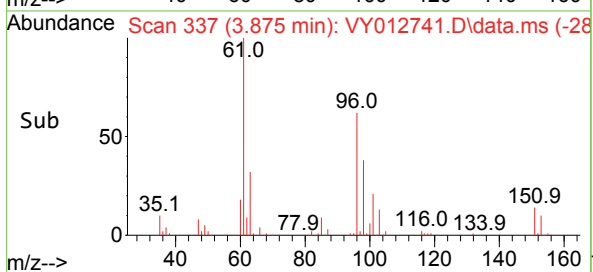
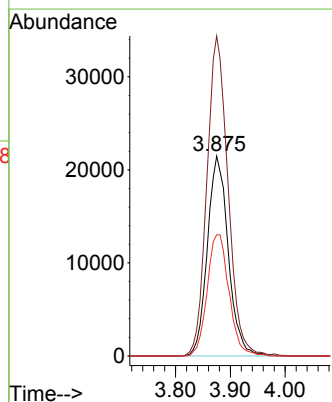
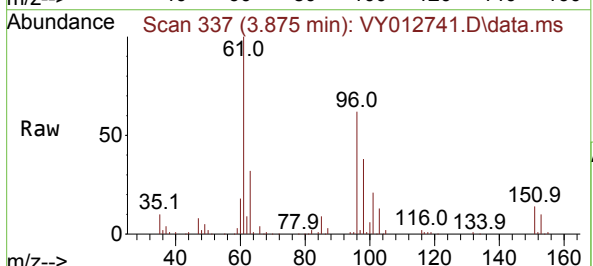
Tgt Ion: 96 Resp: 56842

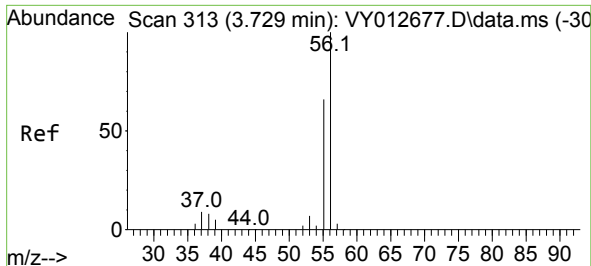
Ion Ratio Lower Upper

96 100

61 160.2 127.3 190.9

98 60.6 49.0 73.4

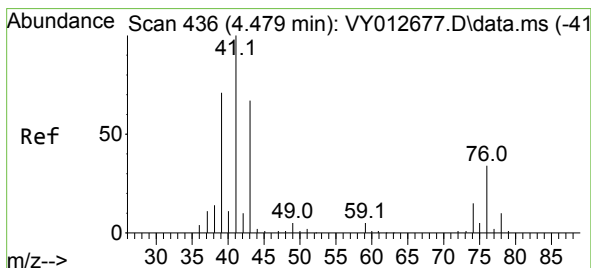
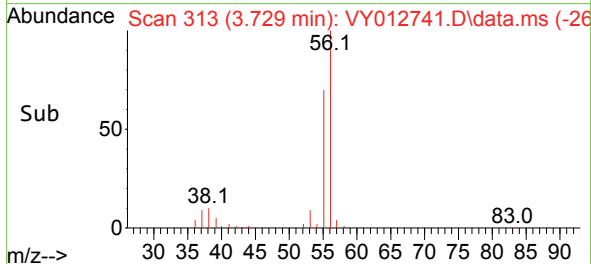
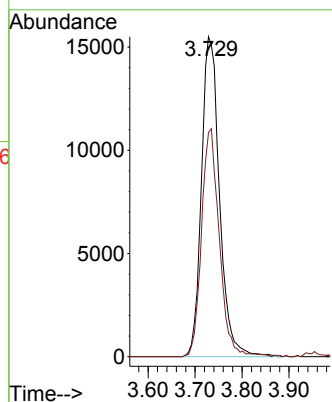
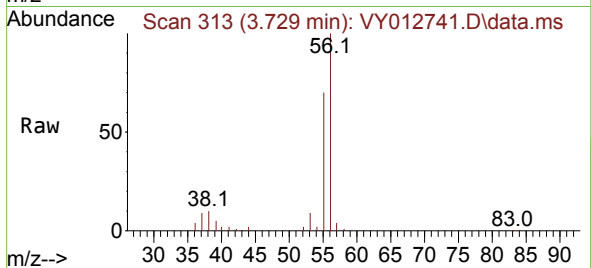




#13
Acrolein
Concen: 231.385 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

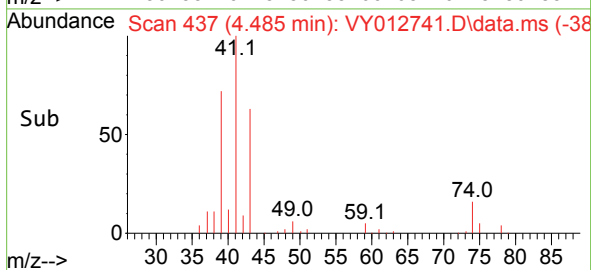
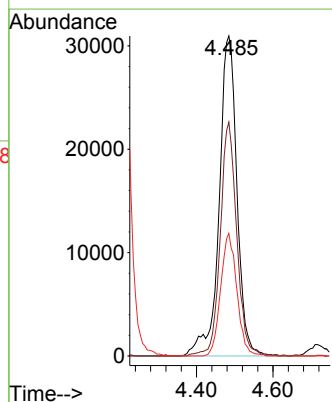
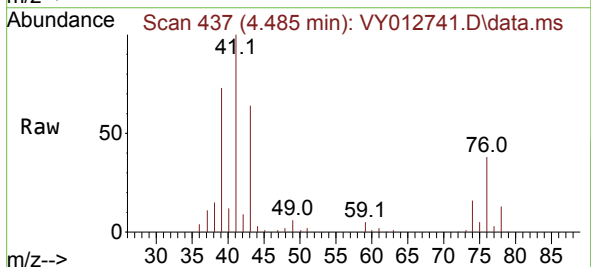
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

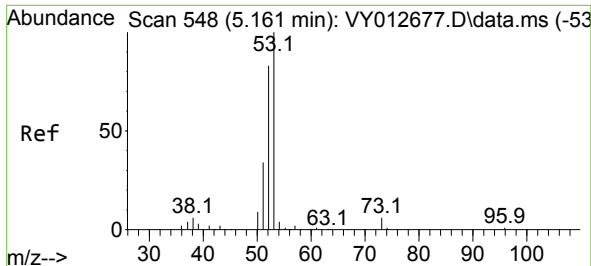
Tgt Ion: 56 Resp: 41449
Ion Ratio Lower Upper
56 100
55 70.0 55.7 83.5



#14
Allyl chloride
Concen: 44.528 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 41 Resp: 100189
Ion Ratio Lower Upper
41 100
39 67.4 53.8 80.8
76 34.8 25.8 38.6

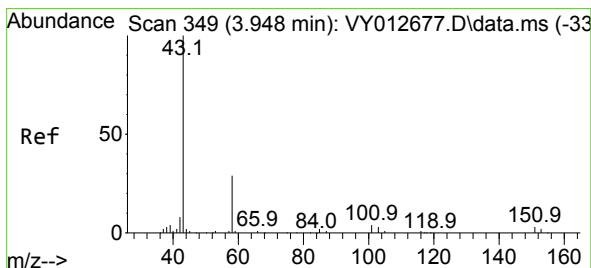
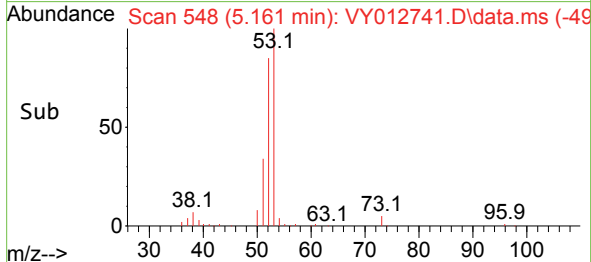
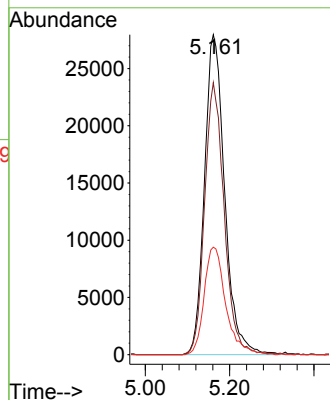
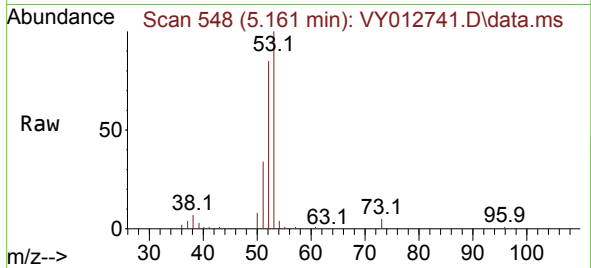




#15
Acrylonitrile
Concen: 243.286 ug/l
RT: 5.161 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

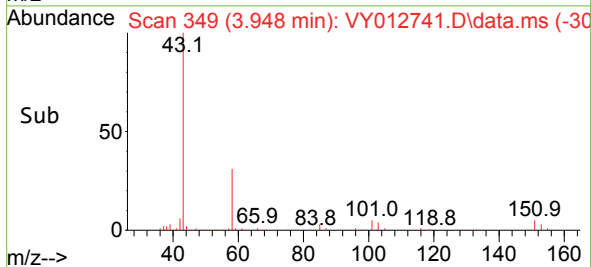
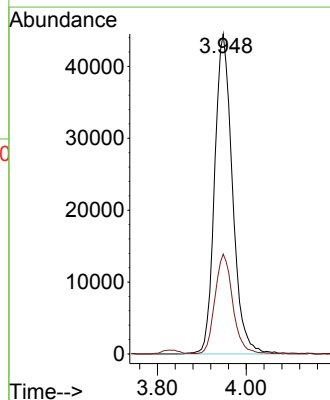
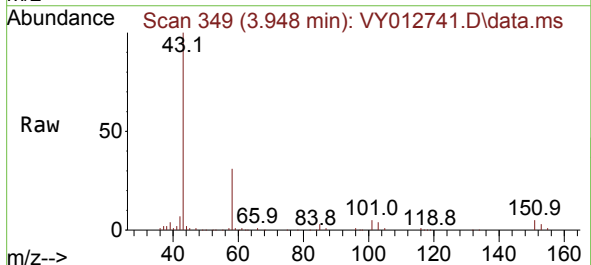
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

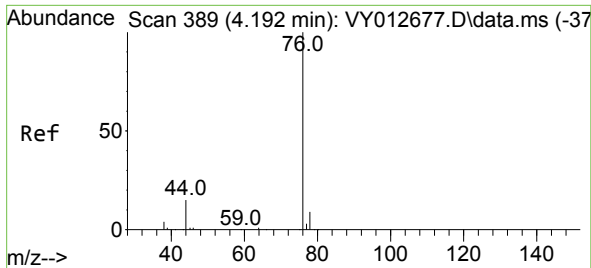
Tgt Ion: 53	Resp: 93120
Ion Ratio	Lower Upper
53	100
52	82.3 65.2 97.8
51	36.0 28.6 43.0



#16
Acetone
Concen: 292.465 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 43	Resp: 123691
Ion Ratio	Lower Upper
43	100
58	31.1 23.3 34.9

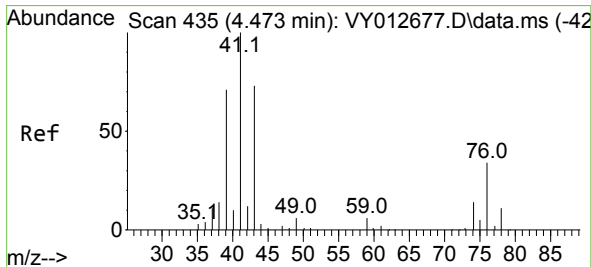
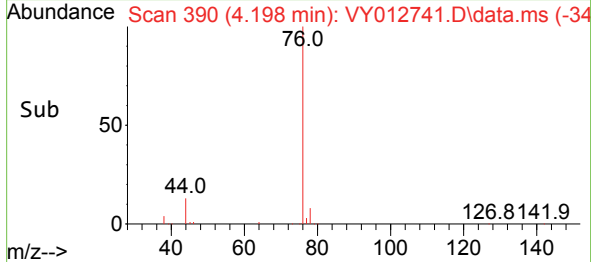
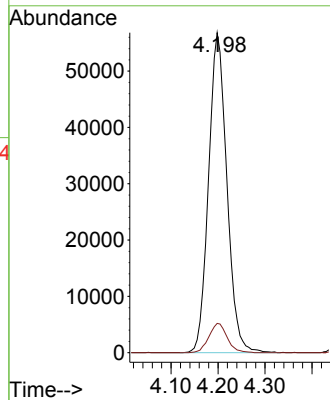
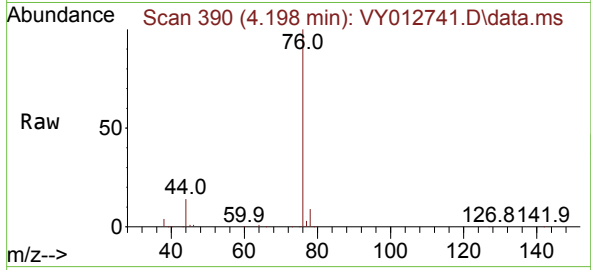




#17
Carbon Disulfide
Concen: 39.373 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

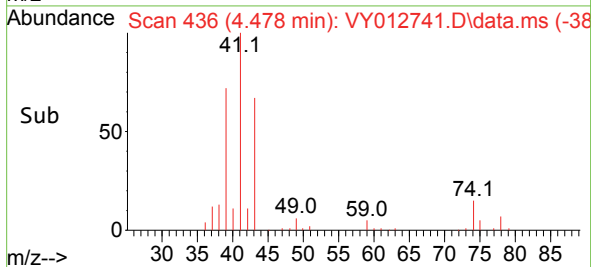
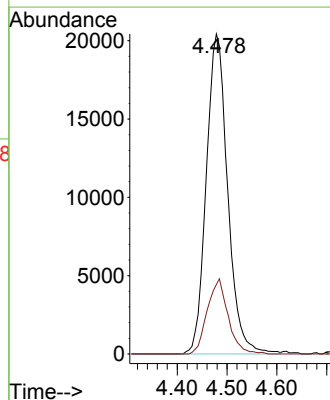
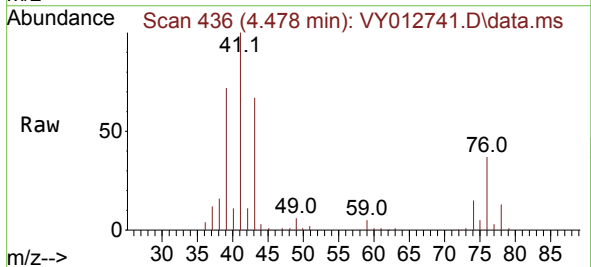
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

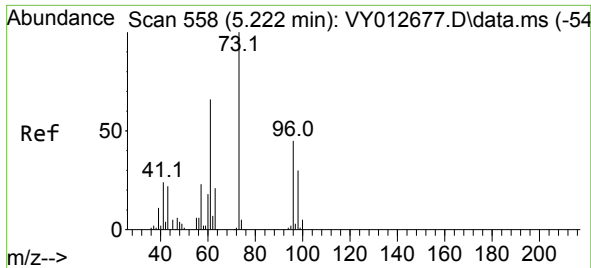
Tgt Ion: 76 Resp: 153608
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7



#18
Methyl Acetate
Concen: 44.685 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 43 Resp: 60878
Ion Ratio Lower Upper
43 100
74 22.9 16.5 24.7

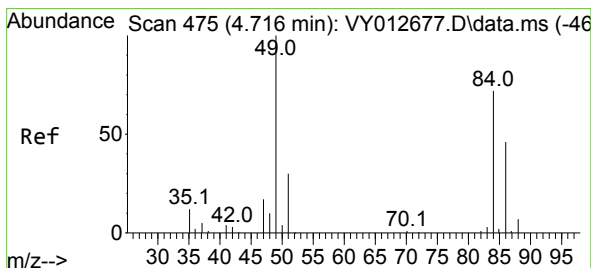
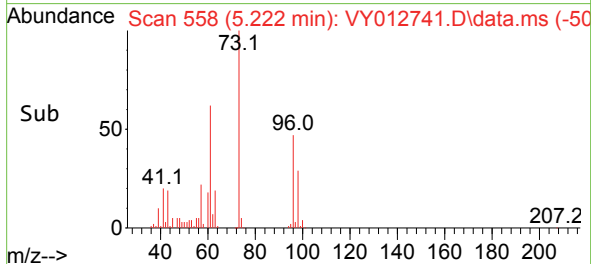
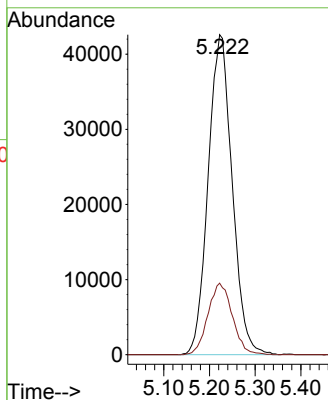
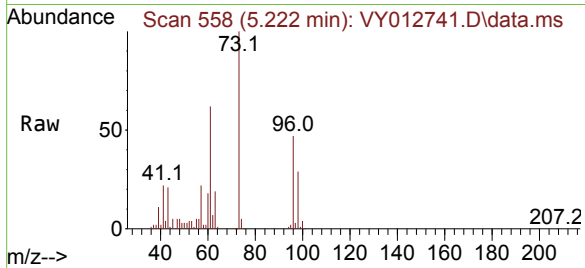




#19
Methyl tert-butyl Ether
Concen: 49.883 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

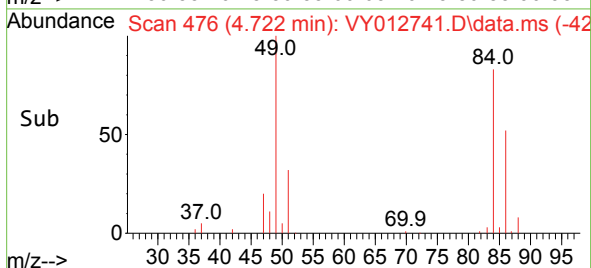
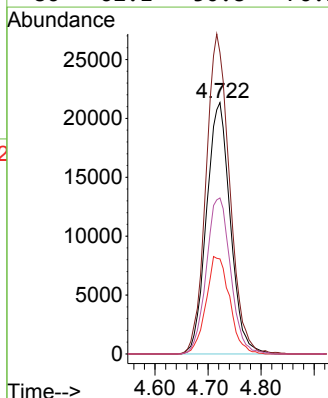
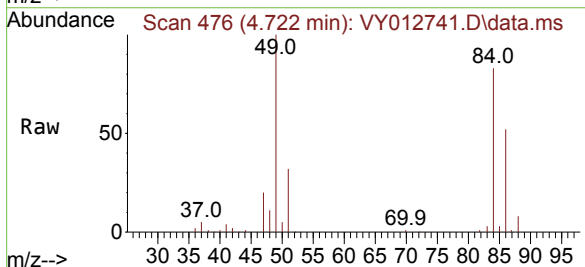
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

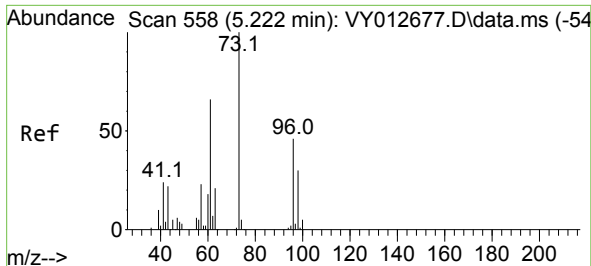
Tgt Ion: 73 Resp: 155557
Ion Ratio Lower Upper
73 100
57 22.4 18.1 27.1



#20
Methylene Chloride
Concen: 50.473 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 84 Resp: 66550
Ion Ratio Lower Upper
84 100
49 119.9 111.1 166.7
51 37.8 33.5 50.3
86 62.1 50.8 76.2

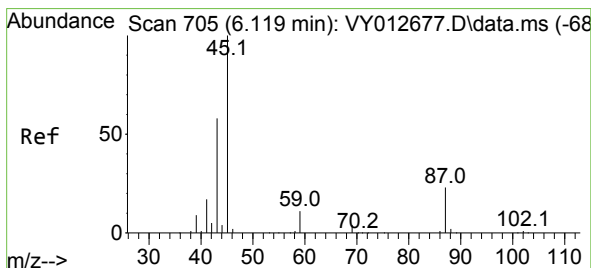
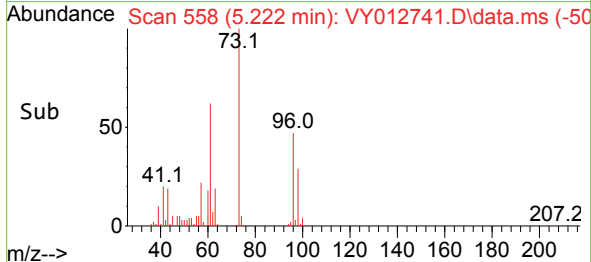
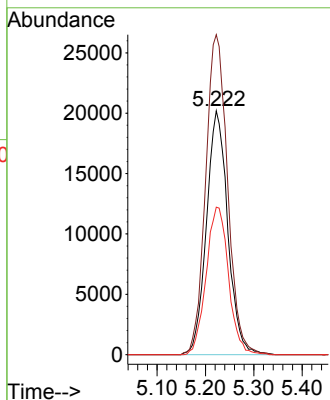
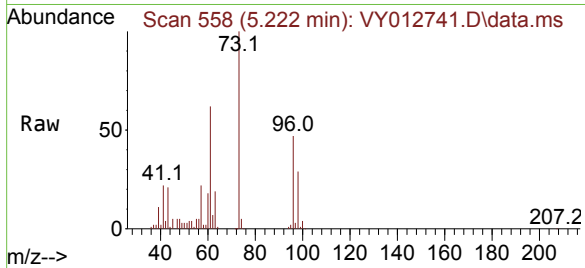




#21
trans-1,2-Dichloroethene
Concen: 49.169 ug/l
RT: 5.222 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

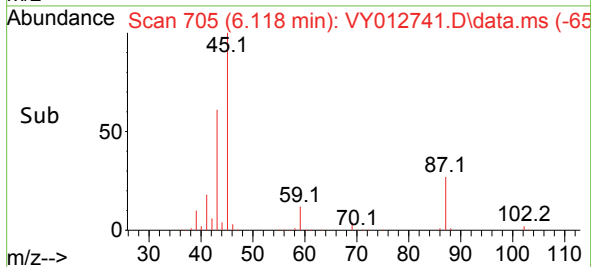
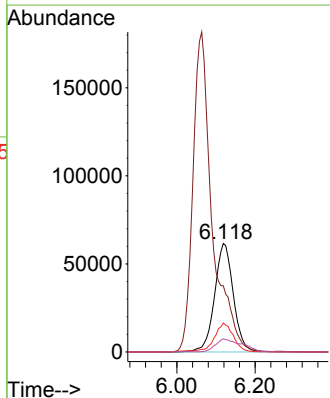
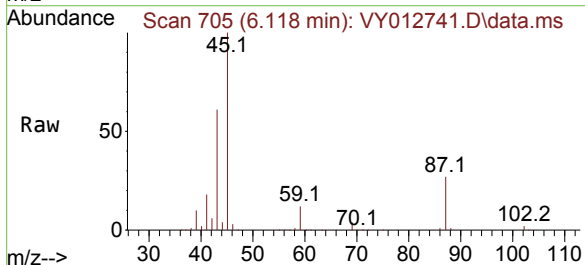
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

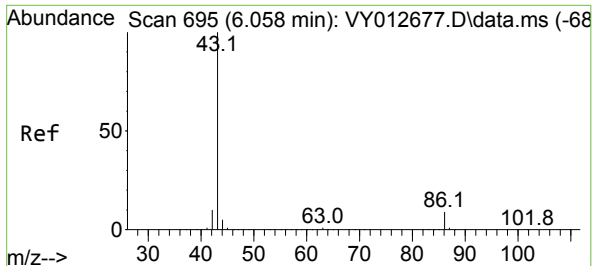
Tgt Ion: 96 Resp: 62005
Ion Ratio Lower Upper
96 100
61 131.3 116.1 174.1
98 60.5 52.3 78.5



#22
Diisopropyl ether
Concen: 48.797 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 45 Resp: 204880
Ion Ratio Lower Upper
45 100
43 60.3 46.2 69.2
87 26.7 18.6 28.0
59 12.0 8.9 13.3

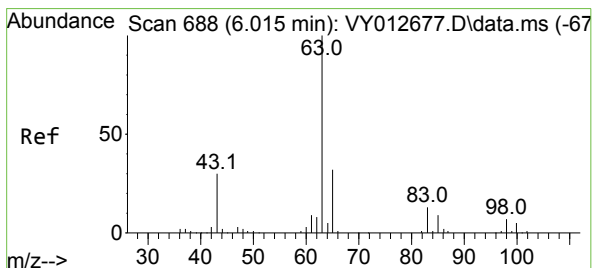
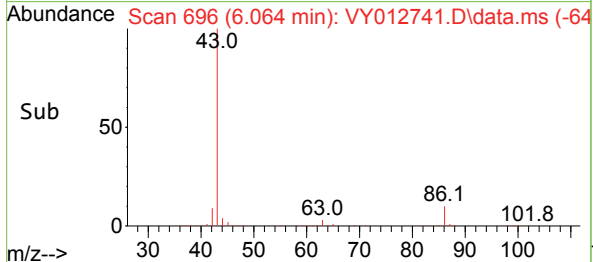
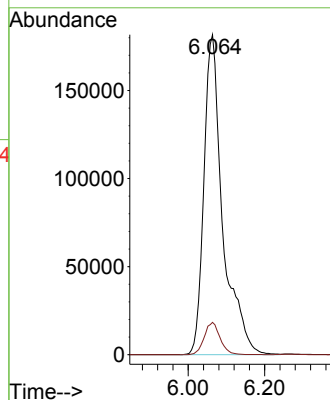
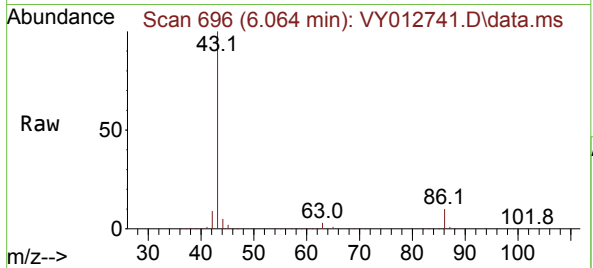




#23
 Vinyl Acetate
 Concen: 239.094 ug/l
 RT: 6.064 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VY012741.D
 Acq: 01 Mar 2023 10:31

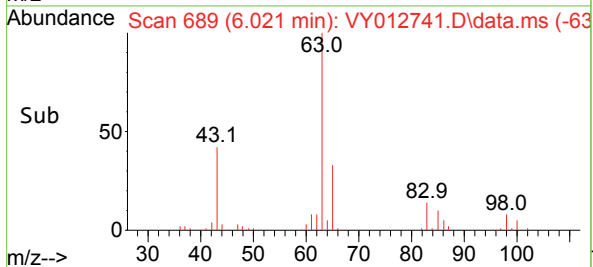
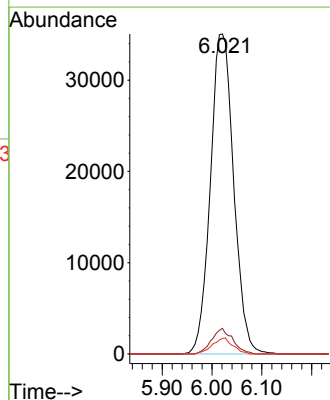
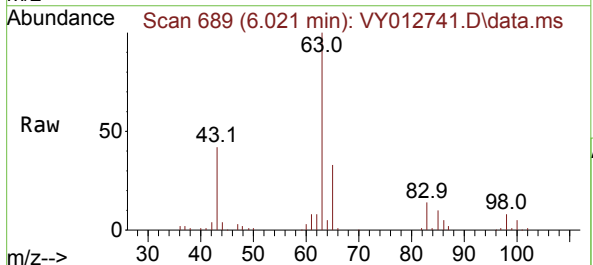
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

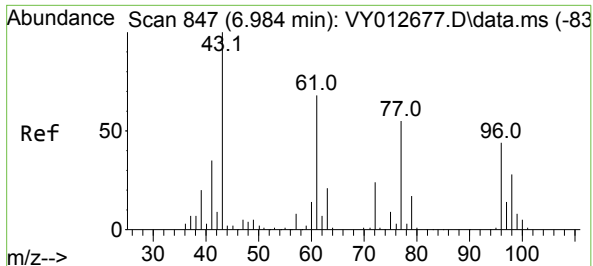
Tgt Ion: 43 Resp: 621736
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 48.891 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012741.D
 Acq: 01 Mar 2023 10:31

Tgt Ion: 63 Resp: 113827
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.4 10.1
 100 4.8 2.3 6.9





#25

2-Butanone

Concen: 254.227 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

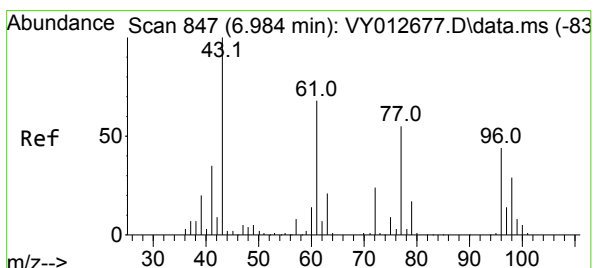
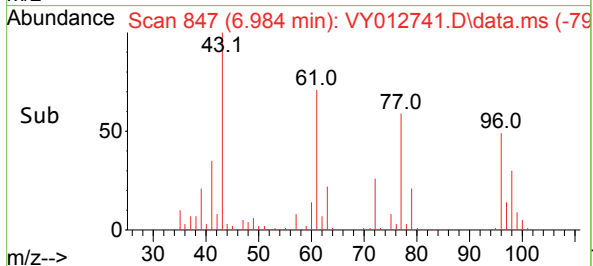
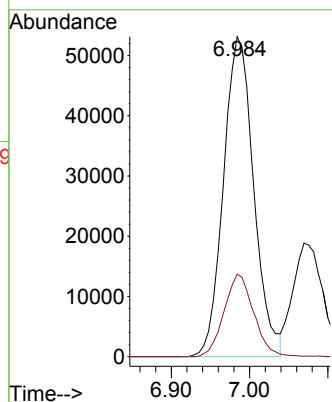
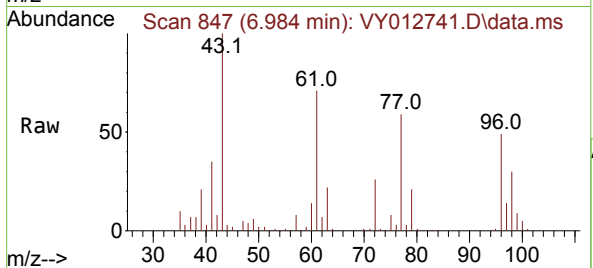
VSTDCCC050

Tgt Ion: 43 Resp: 142703

Ion Ratio Lower Upper

43 100

72 25.8 18.8 28.2



#26

2,2-Dichloropropane

Concen: 48.815 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012741.D

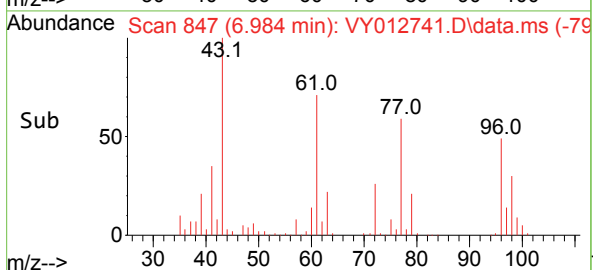
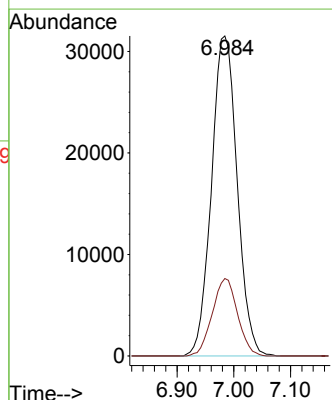
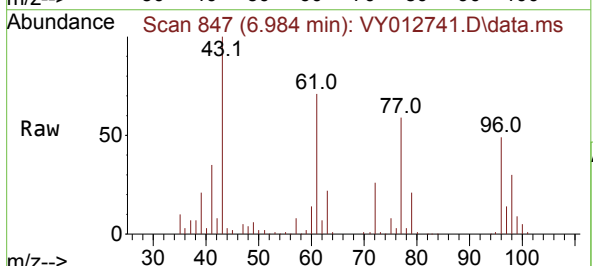
Acq: 01 Mar 2023 10:31

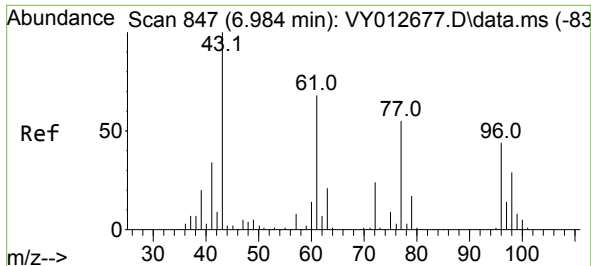
Tgt Ion: 77 Resp: 99138

Ion Ratio Lower Upper

77 100

97 23.7 11.7 35.1



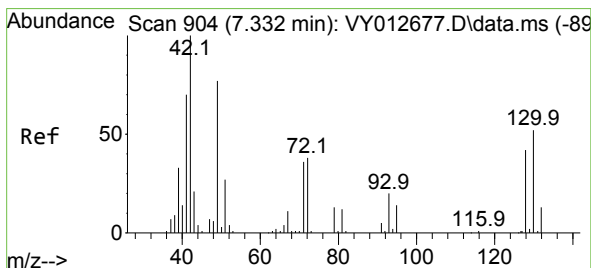
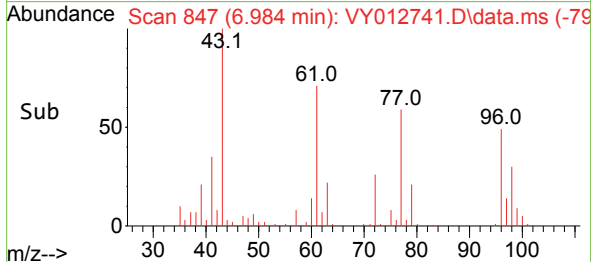
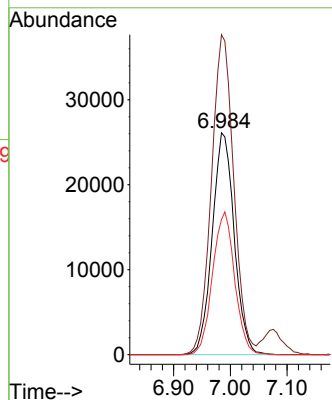
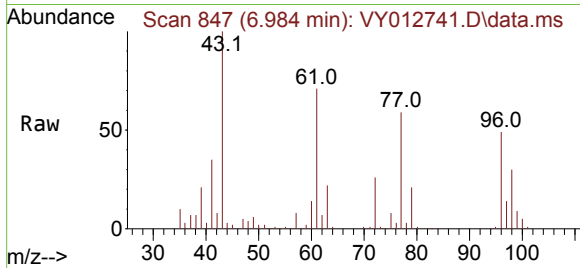


#27
 cis-1,2-Dichloroethene
 Concen: 51.116 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY012741.D
 Acq: 01 Mar 2023 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 70528

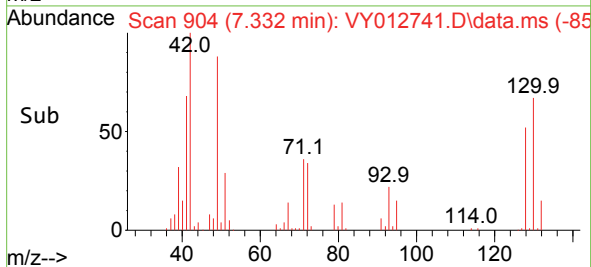
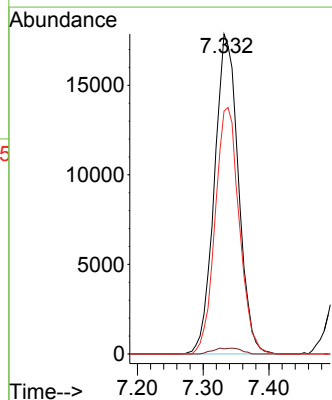
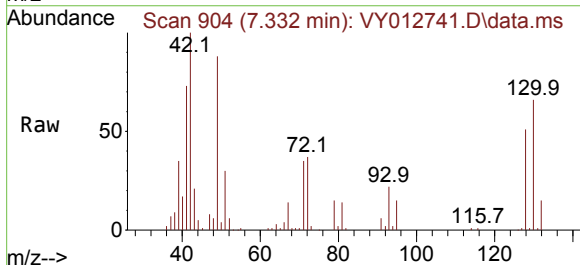
Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	308.8
98	64.6	0.0	129.0

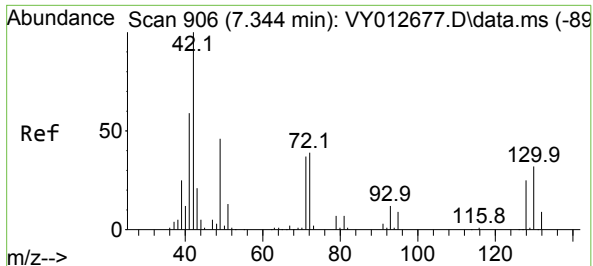


#28
 Bromochloromethane
 Concen: 48.499 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012741.D
 Acq: 01 Mar 2023 10:31

Tgt Ion: 49 Resp: 45214

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	77.6	54.3	81.5





#29

Tetrahydrofuran

Concen: 234.082 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

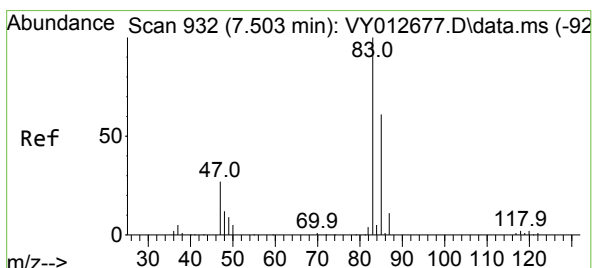
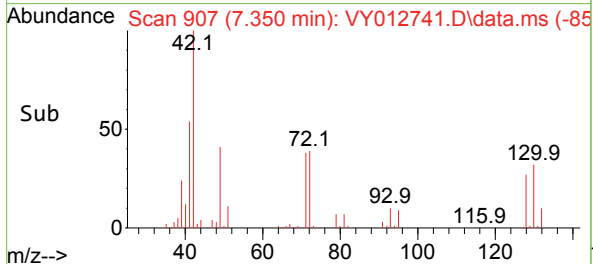
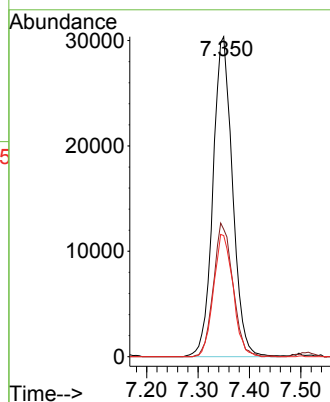
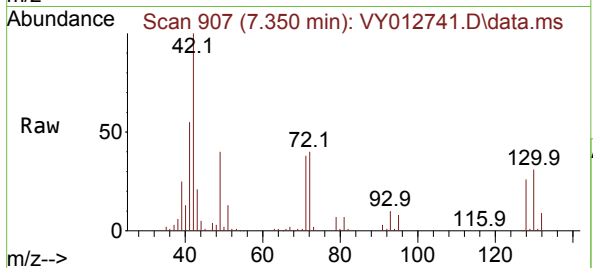
Tgt Ion: 42 Resp: 80219

Ion Ratio Lower Upper

42 100

72 41.5 30.6 45.8

71 38.1 28.6 42.8



#30

Chloroform

Concen: 51.471 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY012741.D

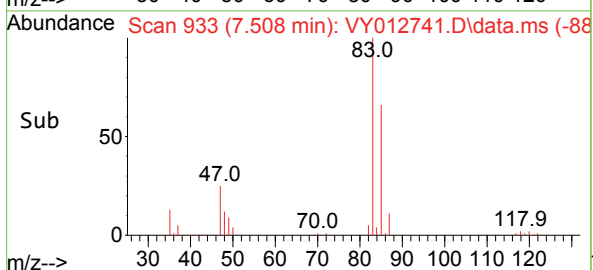
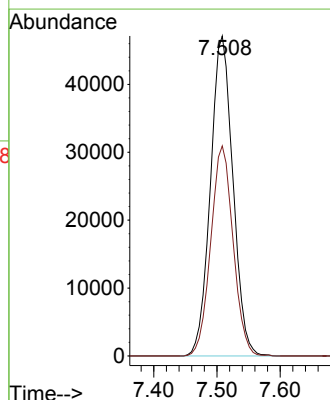
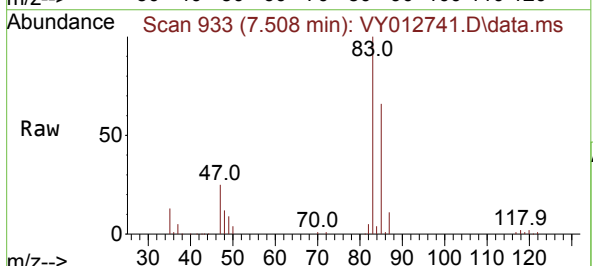
Acq: 01 Mar 2023 10:31

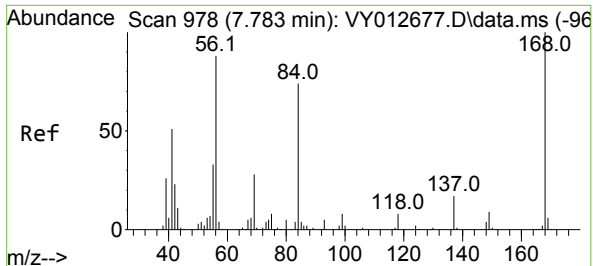
Tgt Ion: 83 Resp: 116111

Ion Ratio Lower Upper

83 100

85 65.6 48.9 73.3

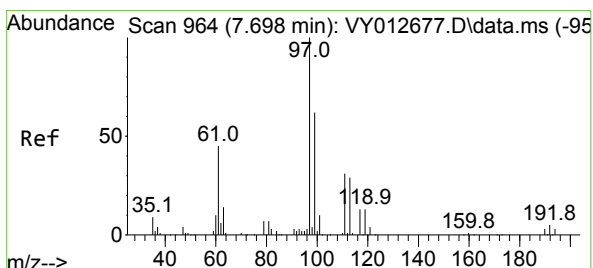
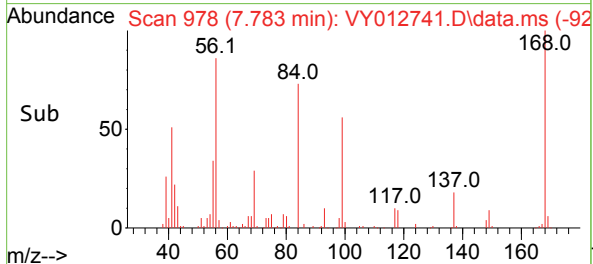
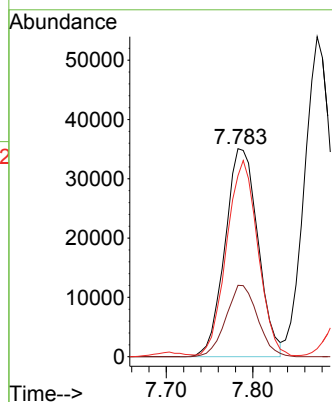
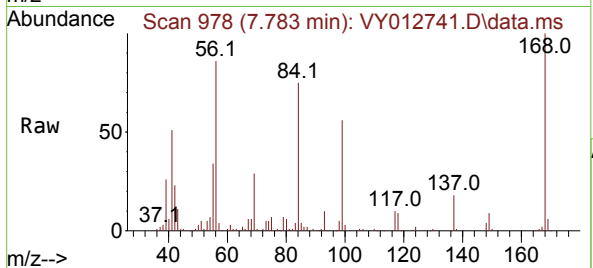




#31
Cyclohexane
Concen: 41.177 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

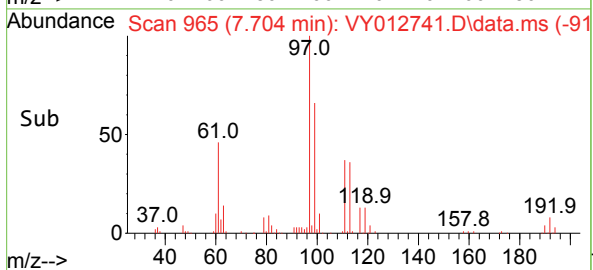
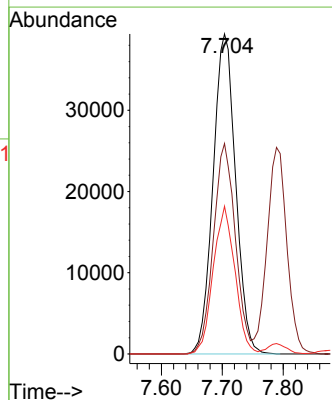
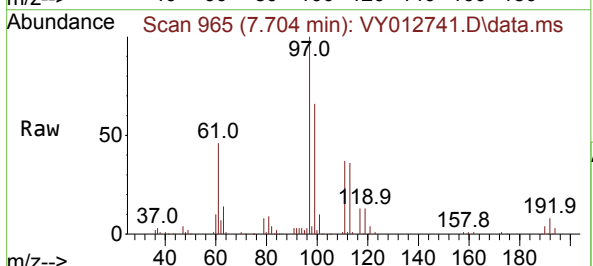
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

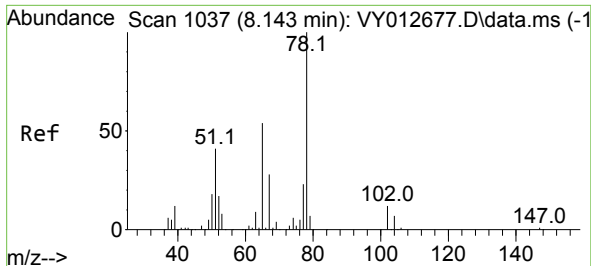
Tgt Ion: 56 Resp: 92722
Ion Ratio Lower Upper
56 100
69 34.3 25.4 38.2
84 85.4 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 49.673 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 97 Resp: 101440
Ion Ratio Lower Upper
97 100
99 64.1 50.6 75.8
61 44.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 44.611 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

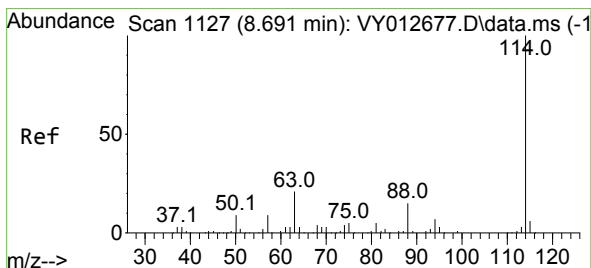
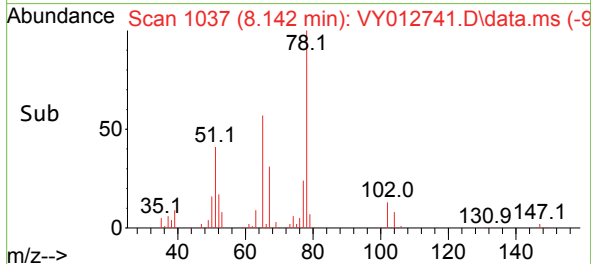
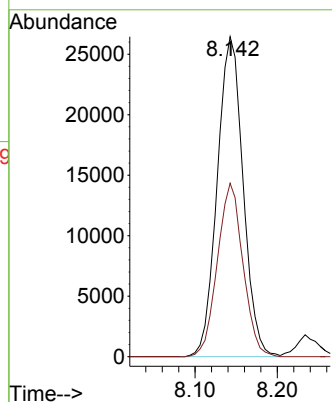
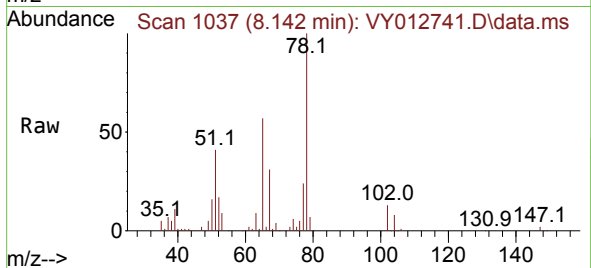
VSTDCCC050

Tgt Ion: 65 Resp: 57820

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

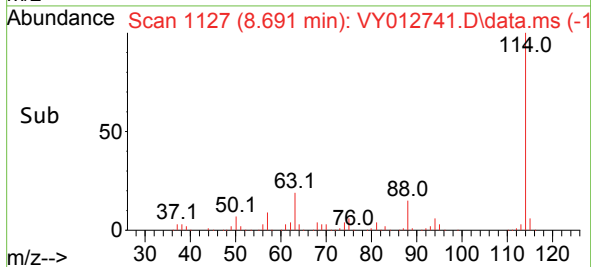
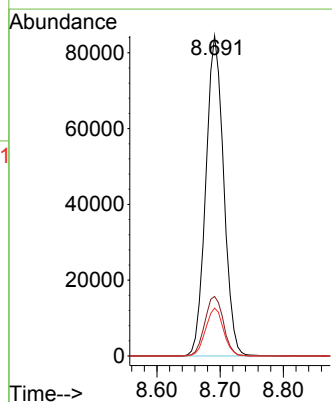
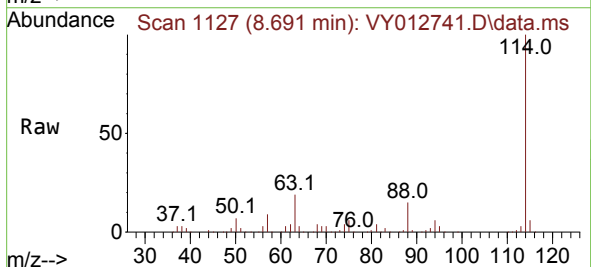
Tgt Ion: 114 Resp: 165755

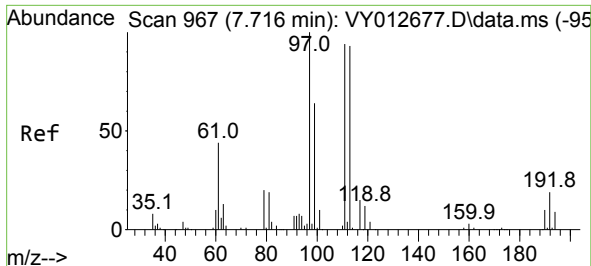
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.8

88 14.9 0.0 29.6

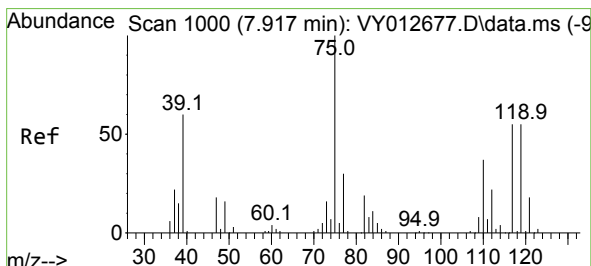
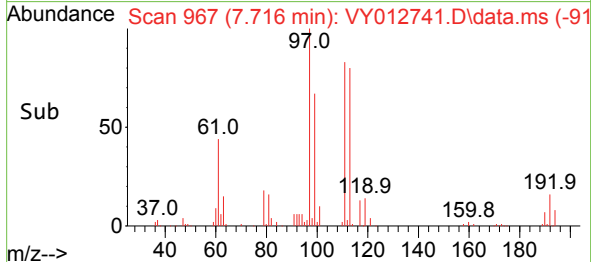
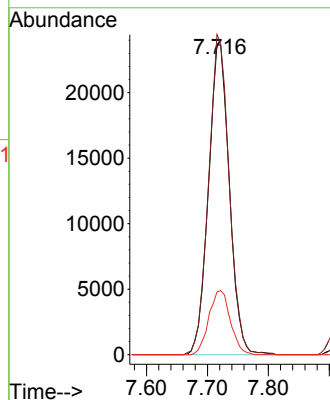
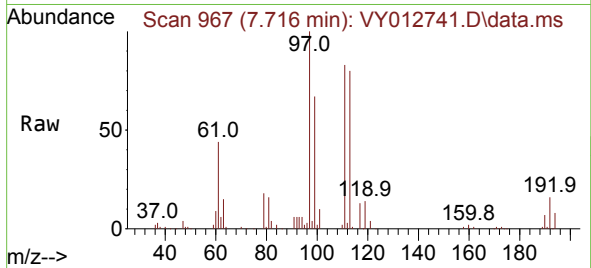




#35
Dibromofluoromethane
Concen: 50.437 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

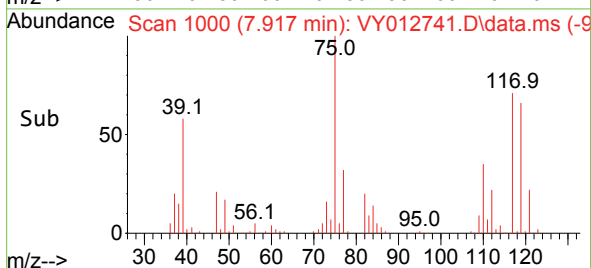
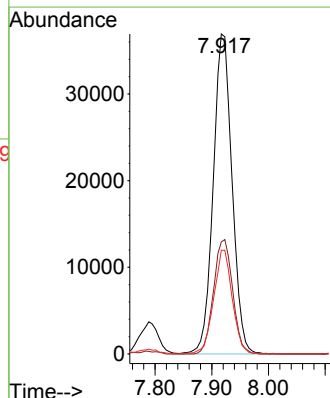
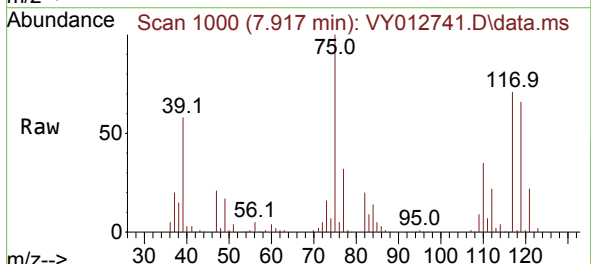
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

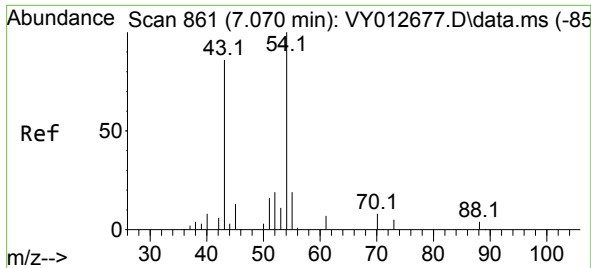
Tgt Ion:113 Resp: 56467
Ion Ratio Lower Upper
113 100
111 101.7 82.0 123.0
192 21.2 16.2 24.2



#36
1,1-Dichloropropene
Concen: 48.012 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 75 Resp: 85202
Ion Ratio Lower Upper
75 100
110 36.2 17.6 52.8
77 32.1 24.6 37.0





#37

Ethyl Acetate

Concen: 43.288 ug/l

RT: 7.069 min Scan# 8

Delta R.T. -0.001 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

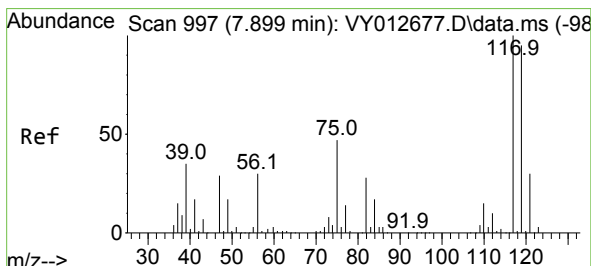
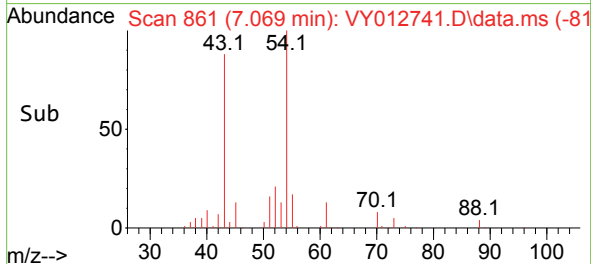
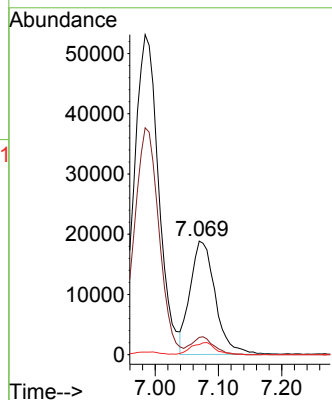
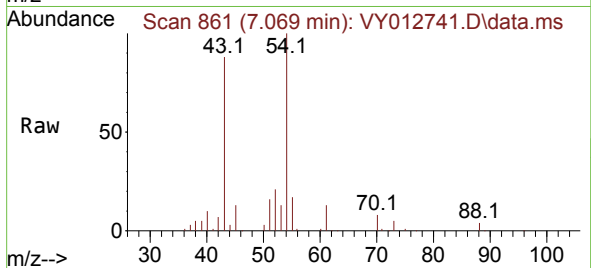
Tgt Ion: 43 Resp: 51835

Ion Ratio Lower Upper

43 100

61 14.1 9.9 14.9

70 10.3 6.4 9.6#



#38

Carbon Tetrachloride

Concen: 50.968 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

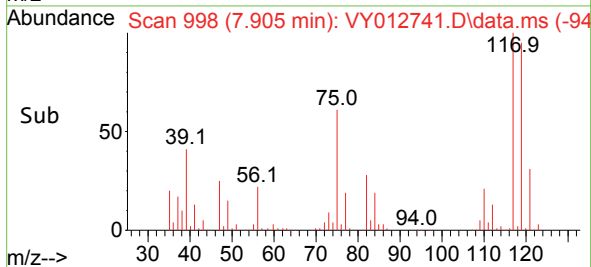
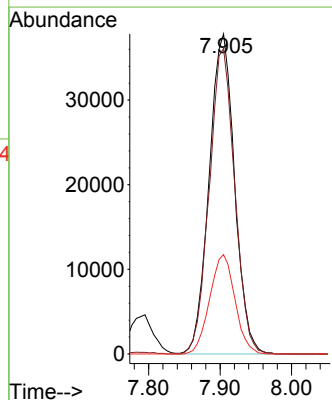
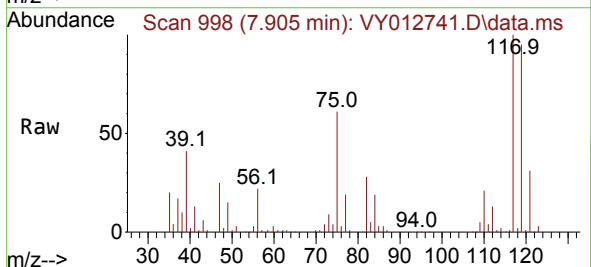
Tgt Ion: 117 Resp: 93523

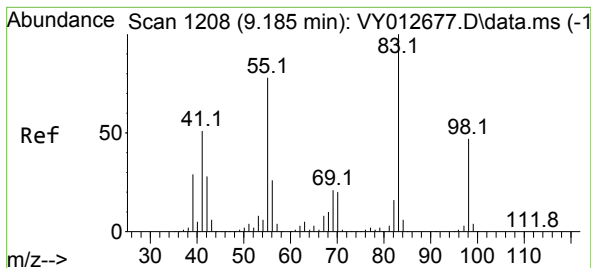
Ion Ratio Lower Upper

117 100

119 95.5 75.5 113.3

121 31.0 23.8 35.8





#39

Methylcyclohexane

Concen: 48.425 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

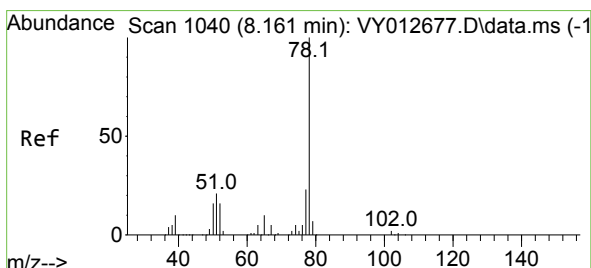
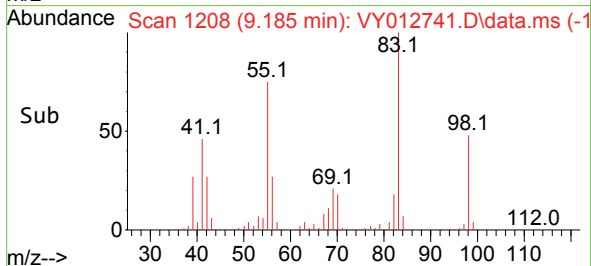
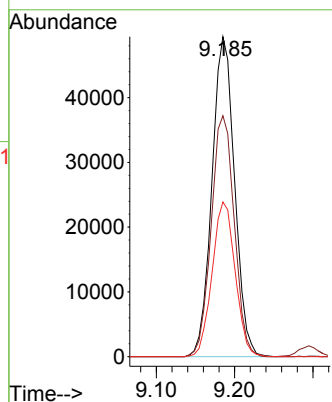
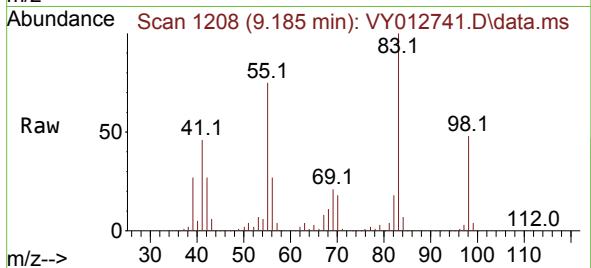
Tgt Ion: 83 Resp: 99131

Ion Ratio Lower Upper

83 100

55 75.3 62.5 93.7

98 48.3 37.8 56.6



#40

Benzene

Concen: 51.200 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012741.D

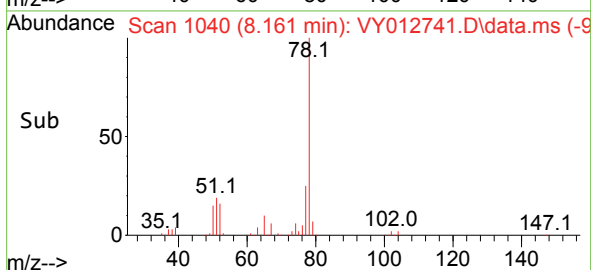
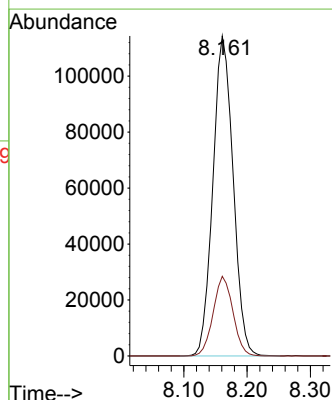
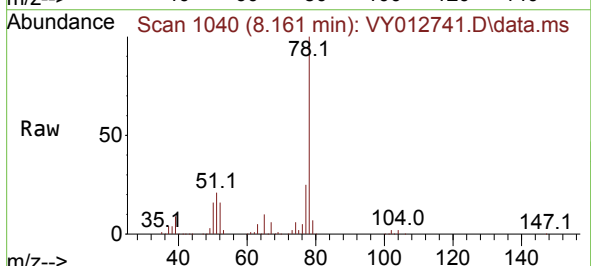
Acq: 01 Mar 2023 10:31

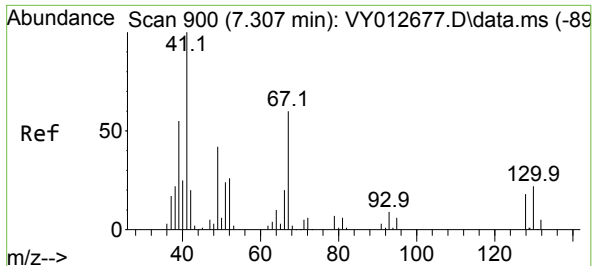
Tgt Ion: 78 Resp: 253625

Ion Ratio Lower Upper

78 100

77 24.9 18.5 27.7

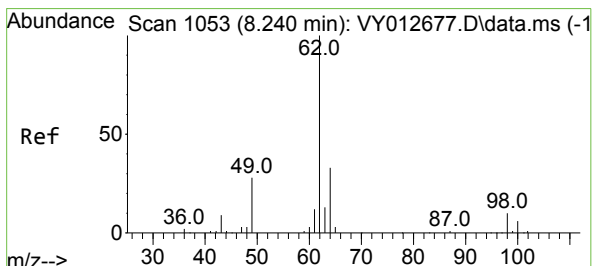
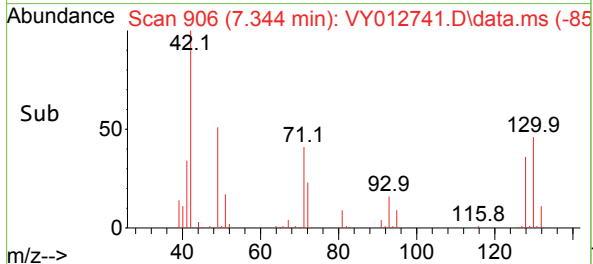
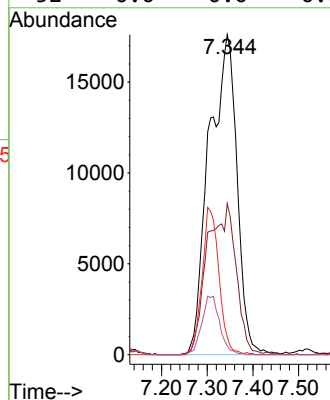
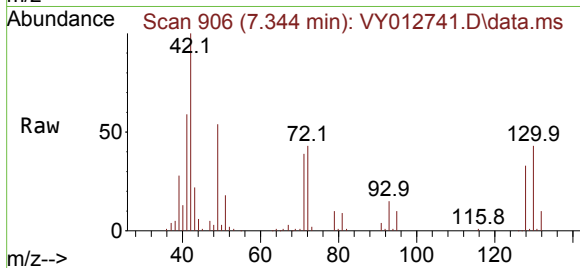




#41
Methacrylonitrile
Concen: 127.363 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

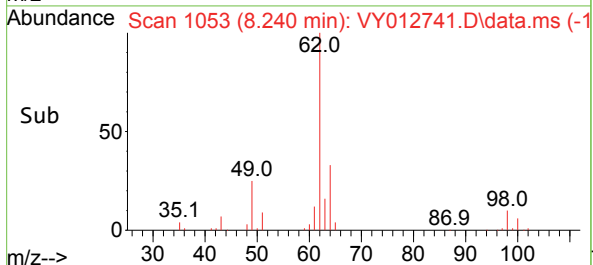
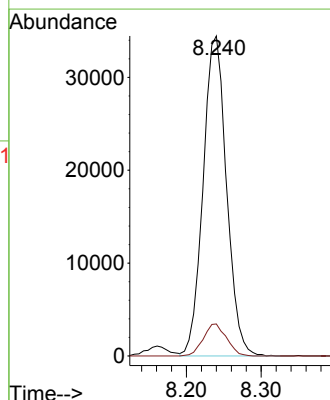
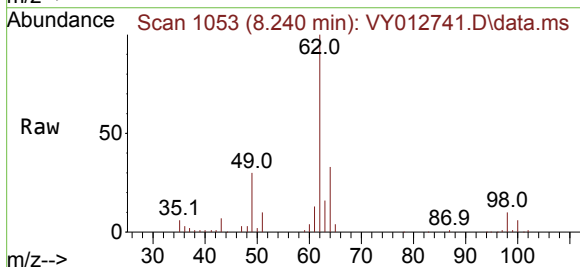
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

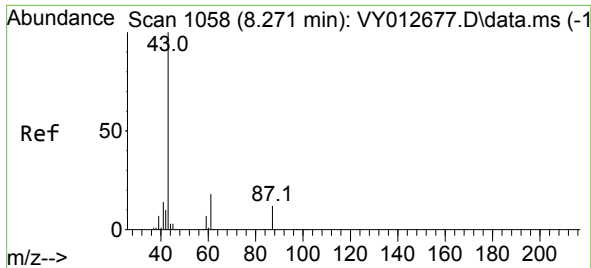
Tgt Ion:	41	Resp:	74279
Ion	Ratio	Lower	Upper
41	100		
39	48.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 48.826 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion:	62	Resp:	74998
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.8

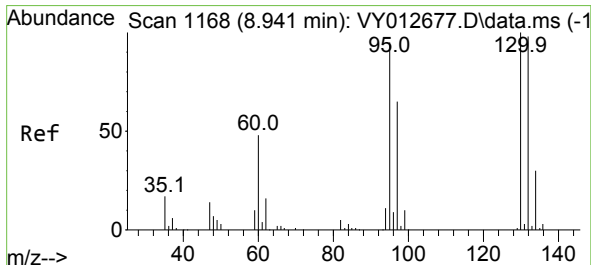
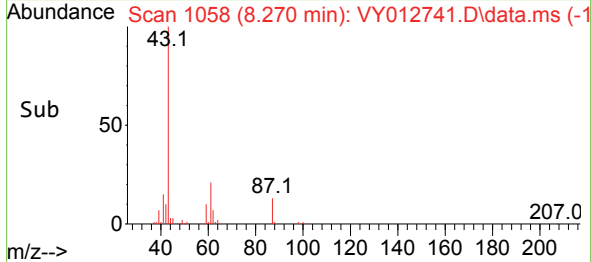
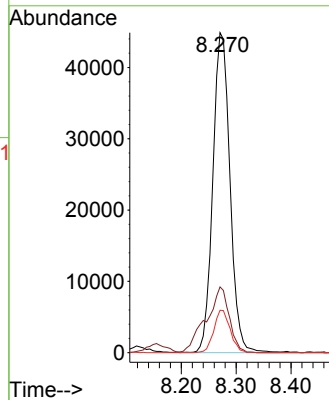
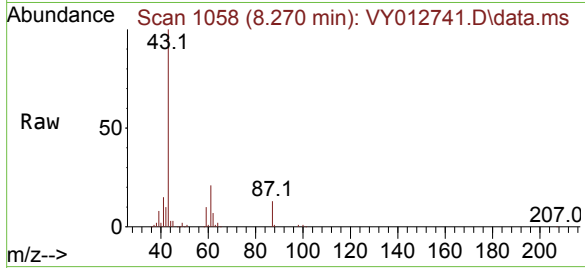




#43
Isopropyl Acetate
Concen: 47.034 ug/l
RT: 8.270 min Scan# 11058
Delta R.T. -0.001 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

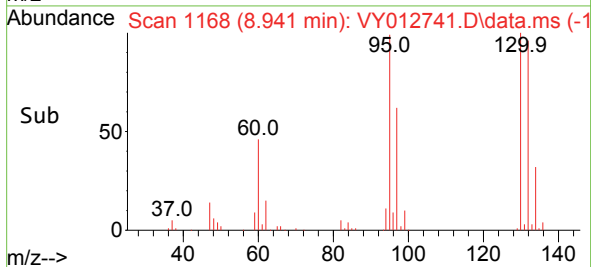
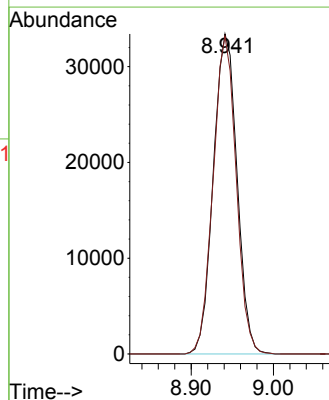
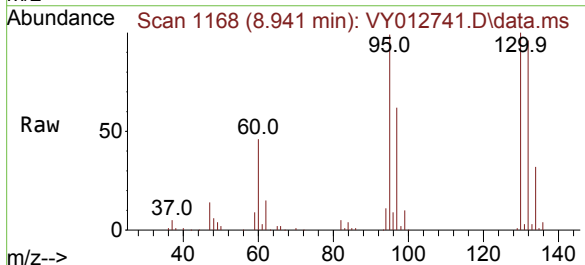
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

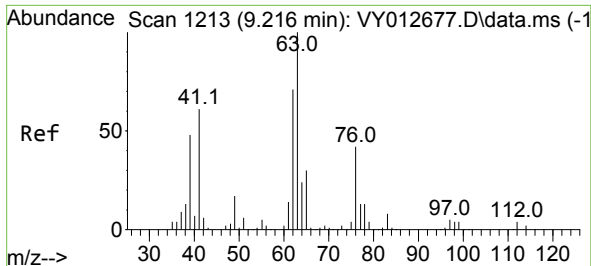
Tgt Ion: 43 Resp: 97325
Ion Ratio Lower Upper
43 100
61 27.8 20.5 30.7
87 12.7 9.2 13.8



#44
Trichloroethene
Concen: 52.171 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion:130 Resp: 66816
Ion Ratio Lower Upper
130 100
95 99.3 0.0 190.6





#45

1,2-Dichloropropane

Concen: 51.835 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

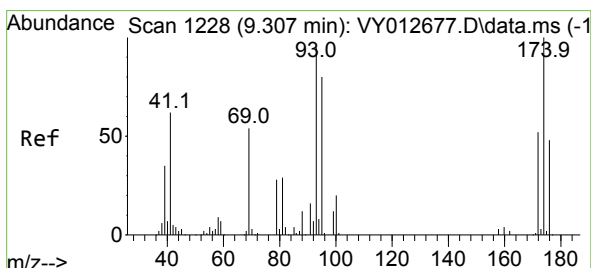
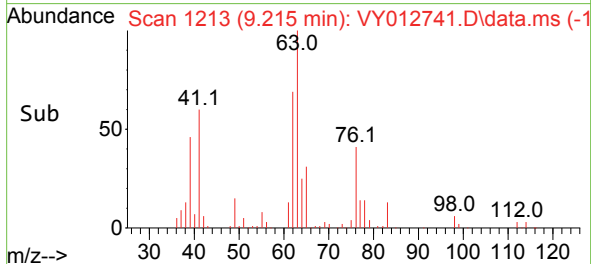
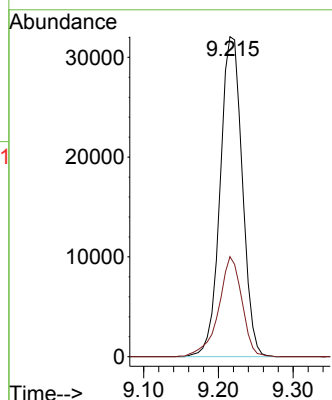
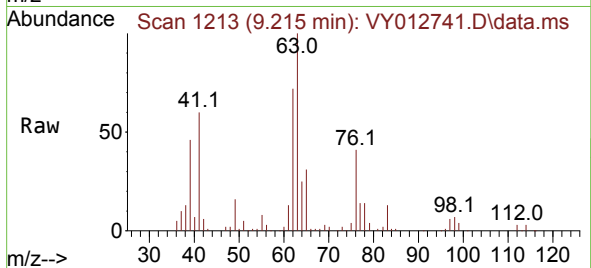
VSTDCCC050

Tgt Ion: 63 Resp: 66047

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9



#46

Dibromomethane

Concen: 53.000 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

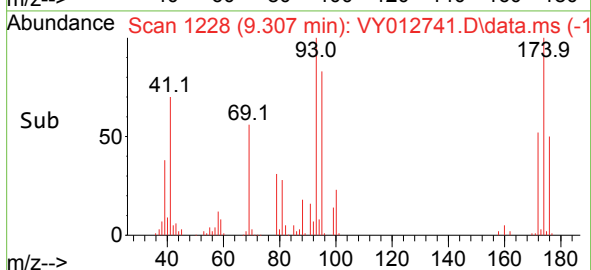
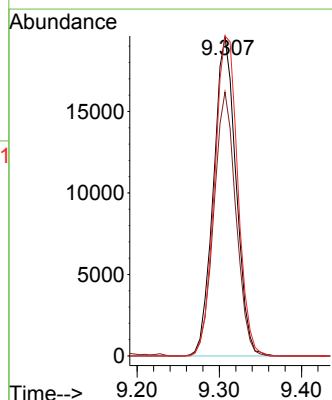
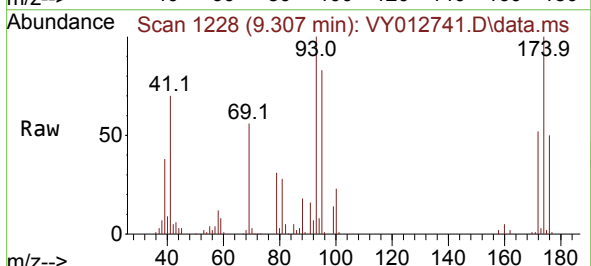
Tgt Ion: 93 Resp: 37279

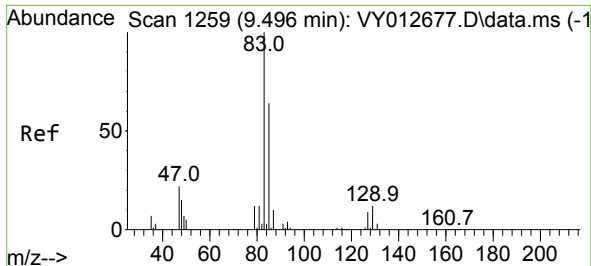
Ion Ratio Lower Upper

93 100

95 80.9 66.6 99.8

174 102.9 79.8 119.6

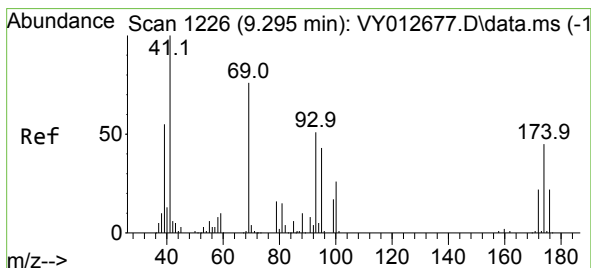
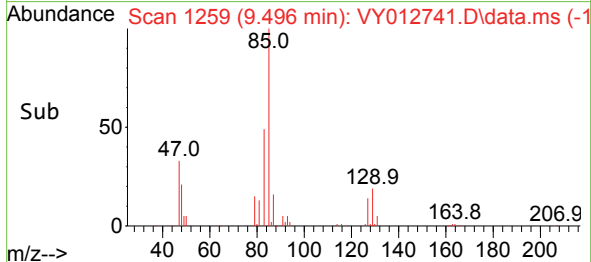
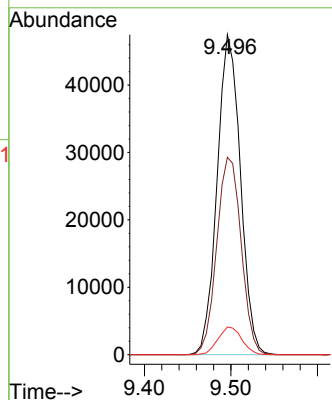
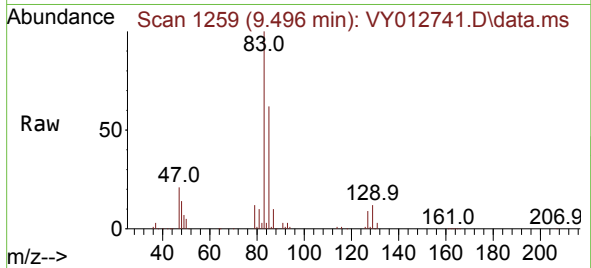




#47
Bromodichloromethane
Concen: 52.395 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

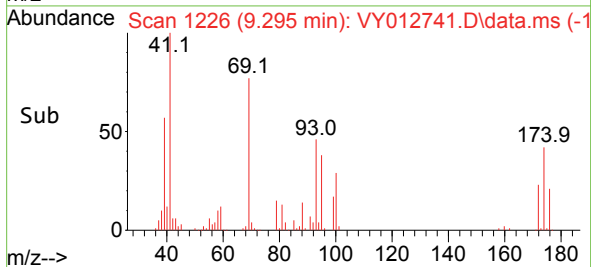
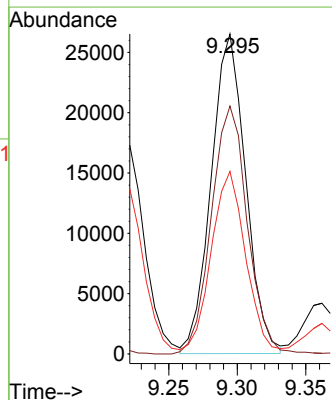
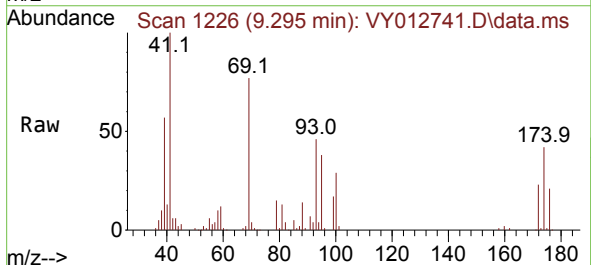
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

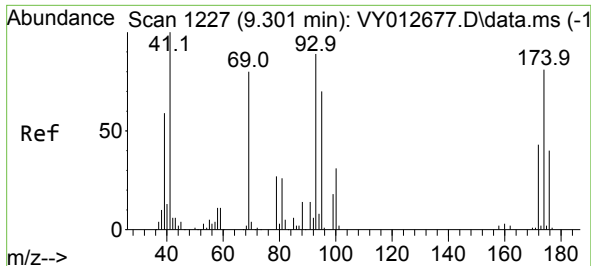
Tgt Ion: 83 Resp: 88720
Ion Ratio Lower Upper
83 100
85 61.7 50.9 76.3
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 48.003 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 41 Resp: 46351
Ion Ratio Lower Upper
41 100
69 81.3 62.6 93.8
39 54.6 45.1 67.7





#49

1,4-Dioxane

Concen: 851.871 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

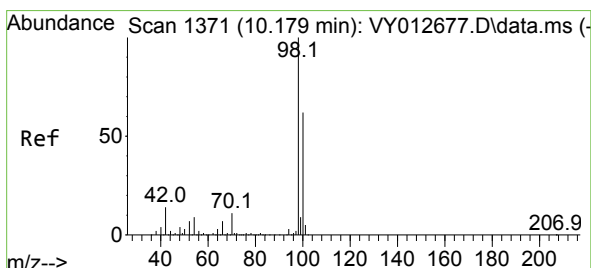
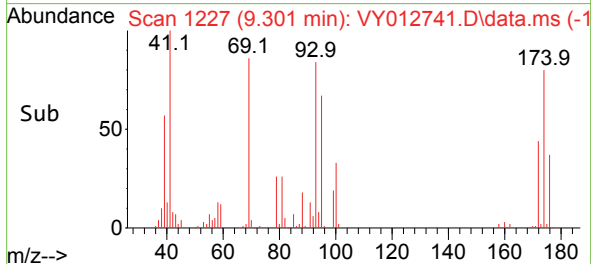
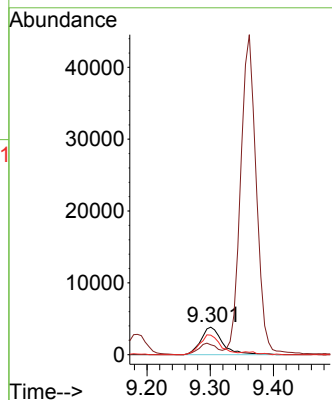
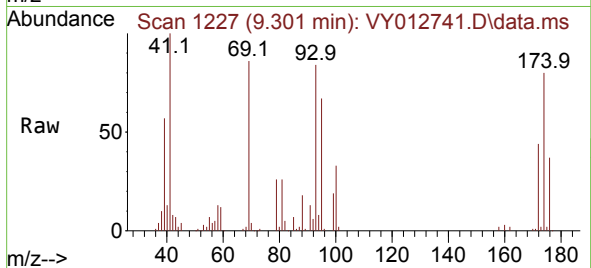
Tgt Ion: 88 Resp: 9139

Ion Ratio Lower Upper

88 100

43 35.3 23.1 34.7#

58 68.4 45.8 68.8



#50

Toluene-d8

Concen: 49.373 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012741.D

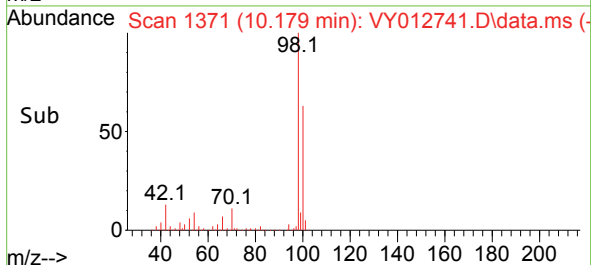
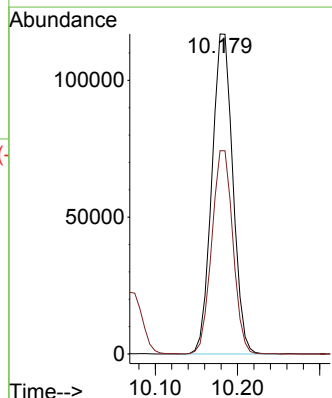
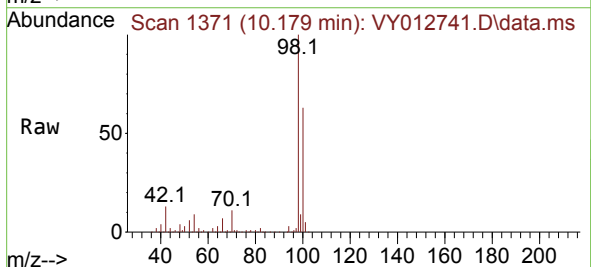
Acq: 01 Mar 2023 10:31

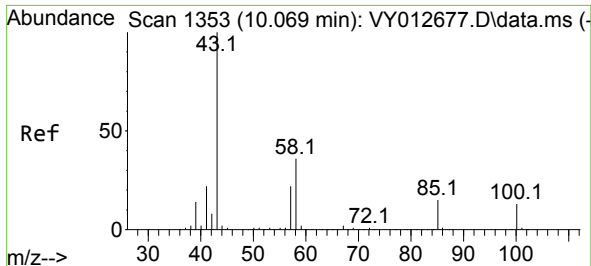
Tgt Ion: 98 Resp: 207089

Ion Ratio Lower Upper

98 100

100 64.1 51.2 76.8

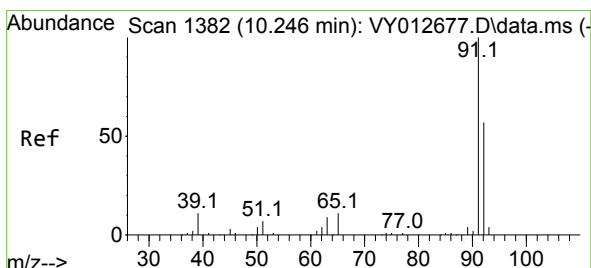
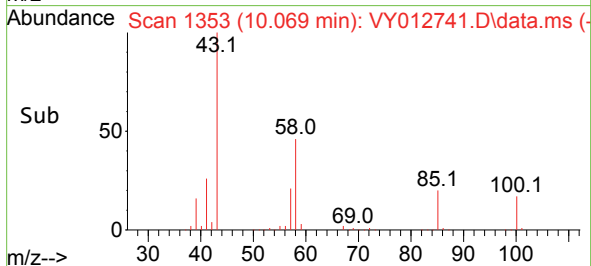
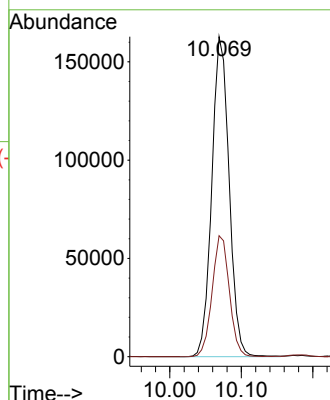
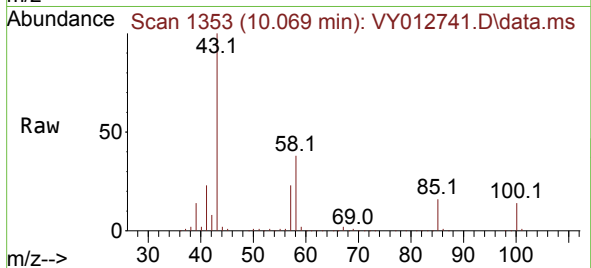




#51
4-Methyl-2-Pentanone
Concen: 245.435 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

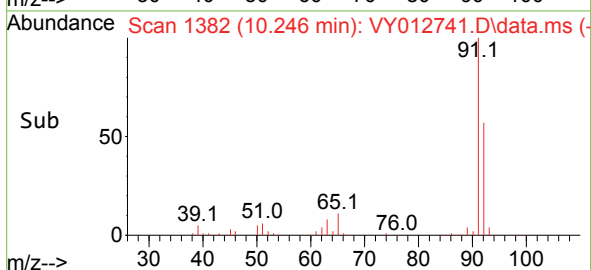
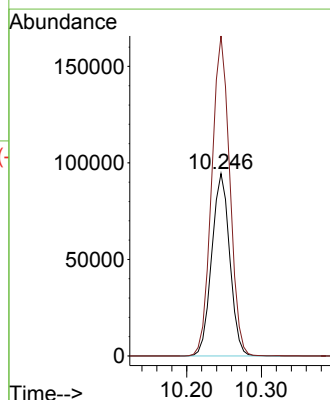
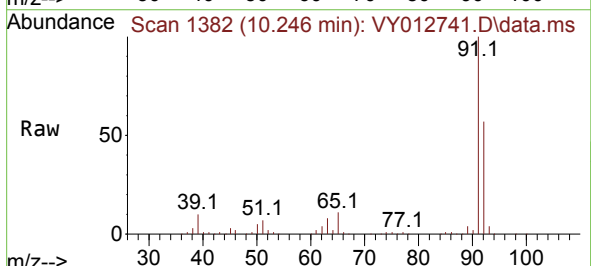
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

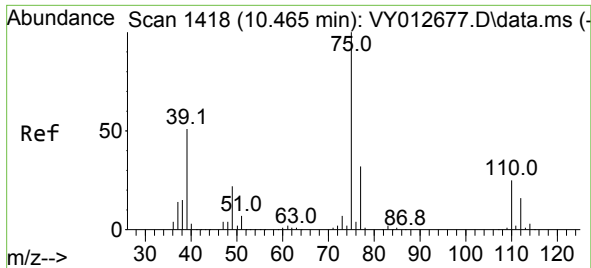
Tgt Ion: 43 Resp: 273955
Ion Ratio Lower Upper
43 100
58 37.6 28.8 43.2



#52
Toluene
Concen: 53.768 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 92 Resp: 157809
Ion Ratio Lower Upper
92 100
91 176.2 139.5 209.3

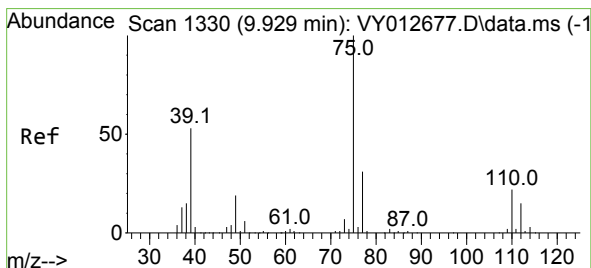
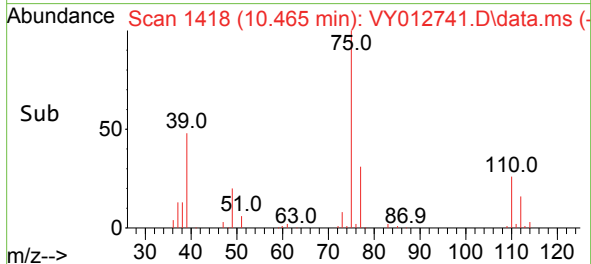
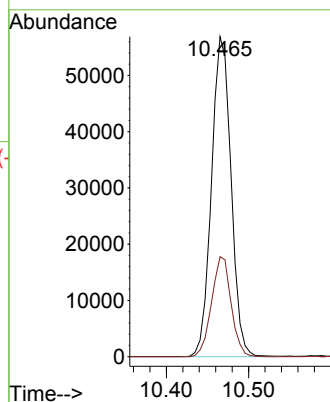
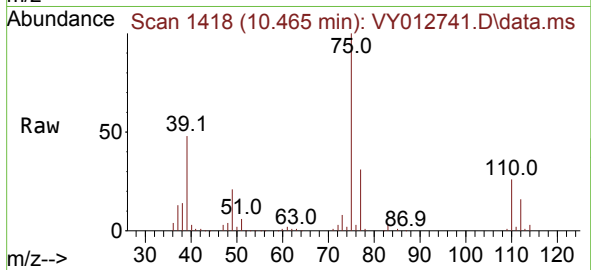




#53
 t-1,3-Dichloropropene
 Concen: 53.094 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY012741.D
 Acq: 01 Mar 2023 10:31

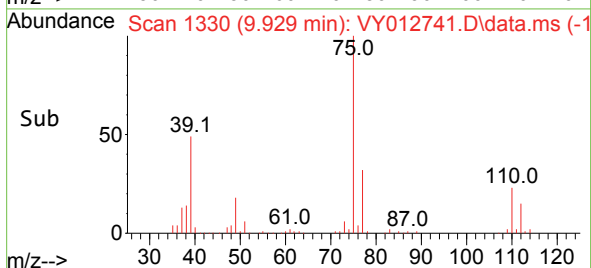
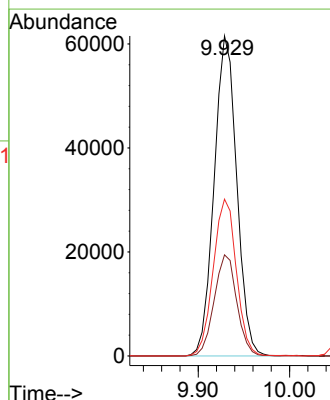
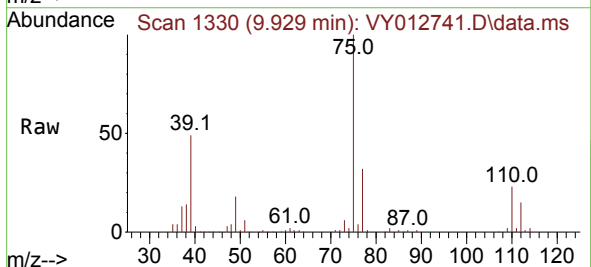
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

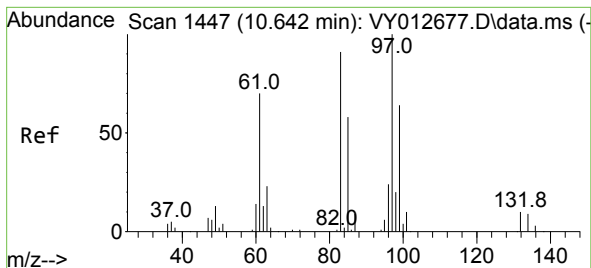
Tgt Ion: 75 Resp: 93947
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 52.753 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY012741.D
 Acq: 01 Mar 2023 10:31

Tgt Ion: 75 Resp: 105623
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.9 37.3
 39 49.0 42.7 64.1





#55

1,1,2-Trichloroethane

Concen: 54.675 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 52234

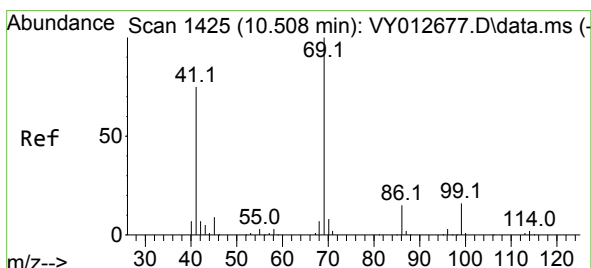
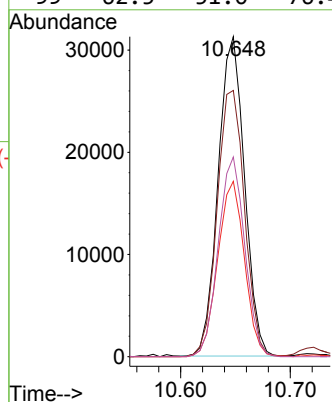
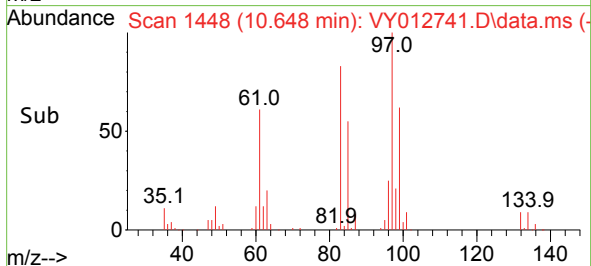
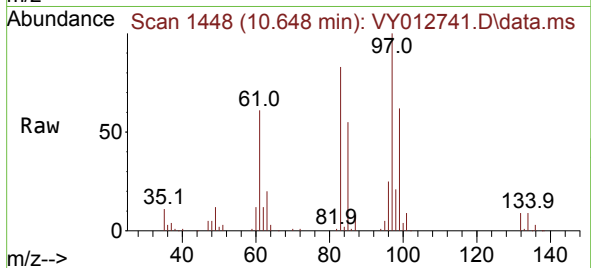
Ion Ratio Lower Upper

97 100

83 83.4 73.1 109.7

85 54.9 46.1 69.1

99 62.5 51.0 76.4



#56

Ethyl methacrylate

Concen: 54.649 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

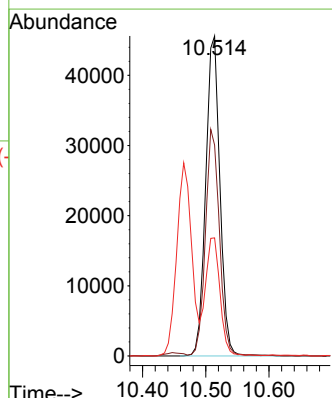
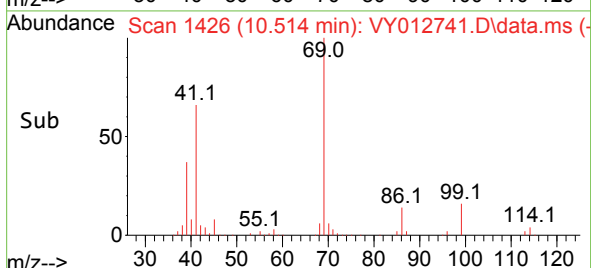
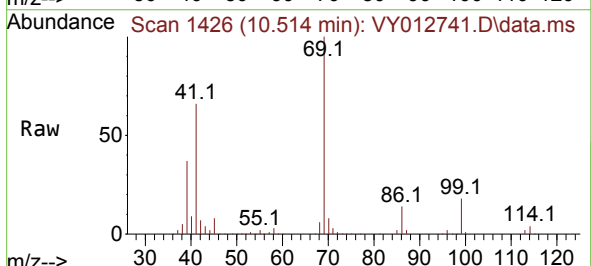
Tgt Ion: 69 Resp: 71300

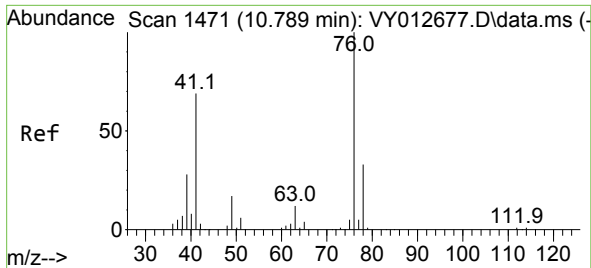
Ion Ratio Lower Upper

69 100

41 69.3 60.2 90.4

39 37.1 32.4 48.6

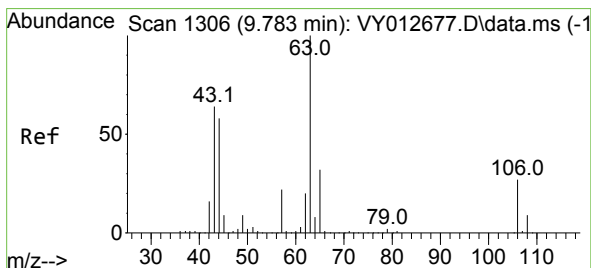
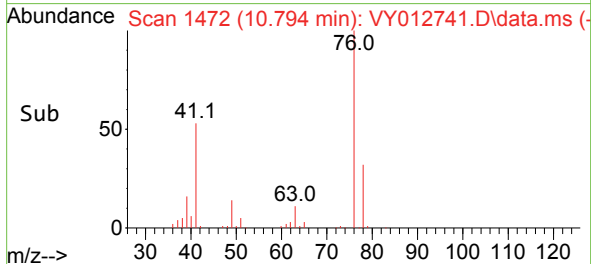
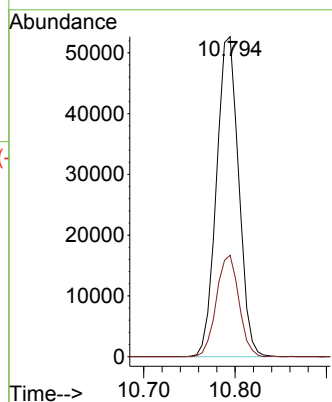
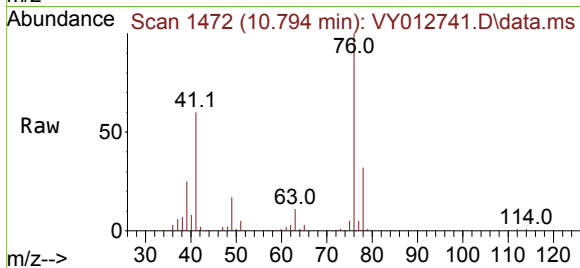




#57
1,3-Dichloropropane
Concen: 52.950 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.005 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

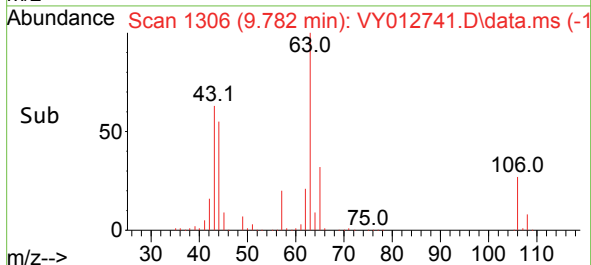
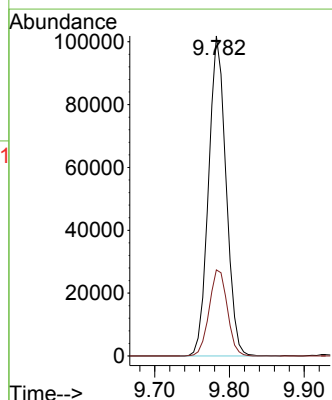
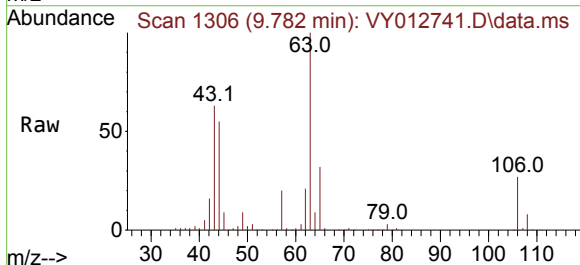
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

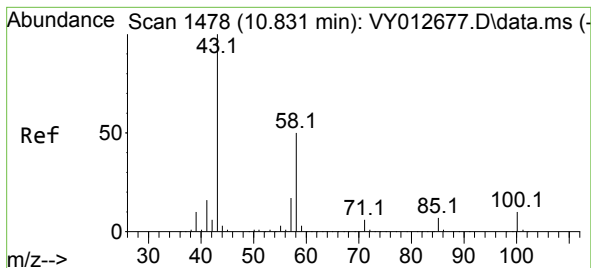
Tgt Ion: 76 Resp: 88910
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 239.031 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 63 Resp: 165119
Ion Ratio Lower Upper
63 100
106 27.9 21.0 31.6





#59

2-Hexanone

Concen: 265.257 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

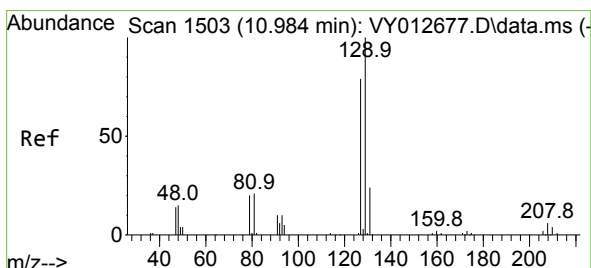
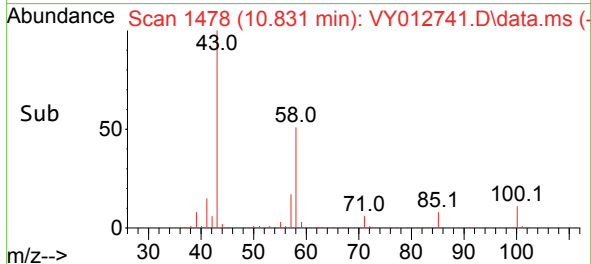
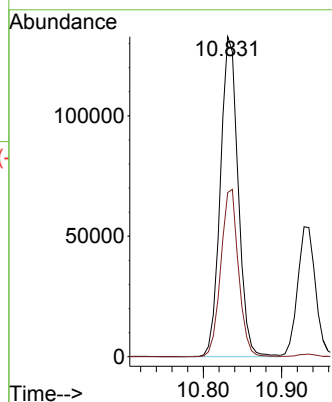
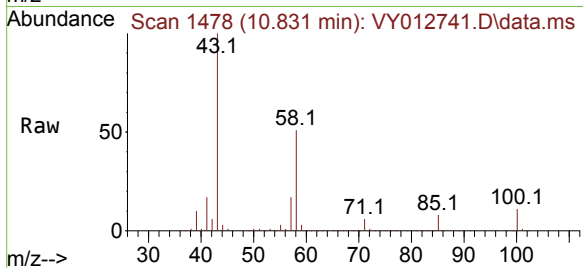
VSTDCCC050

Tgt Ion: 43 Resp: 209896

Ion Ratio Lower Upper

43 100

58 52.0 24.9 74.6



#60

Dibromochloromethane

Concen: 55.305 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.001 min

Lab File: VY012741.D

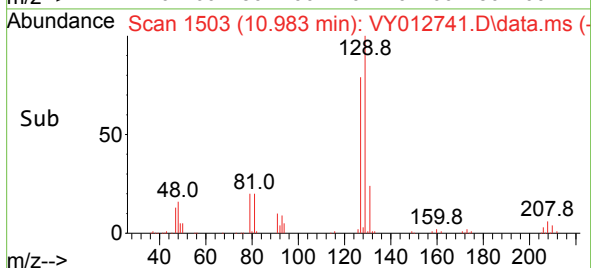
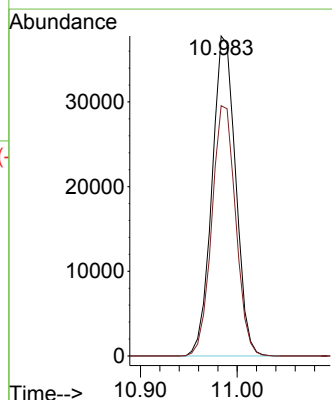
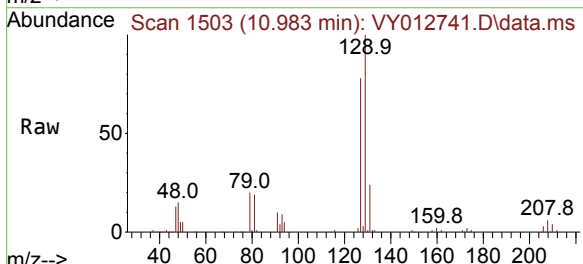
Acq: 01 Mar 2023 10:31

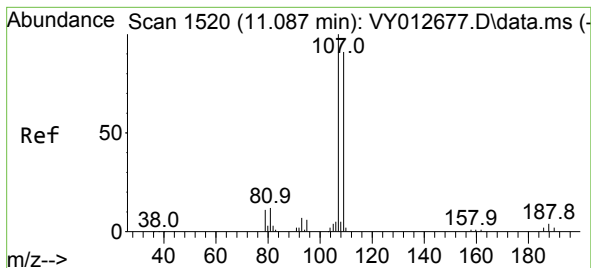
Tgt Ion:129 Resp: 64013

Ion Ratio Lower Upper

129 100

127 78.9 39.1 117.3





#61

1,2-Dibromoethane

Concen: 54.121 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

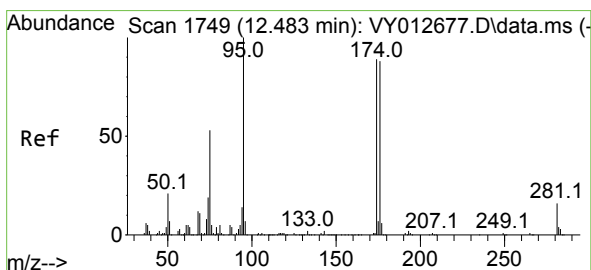
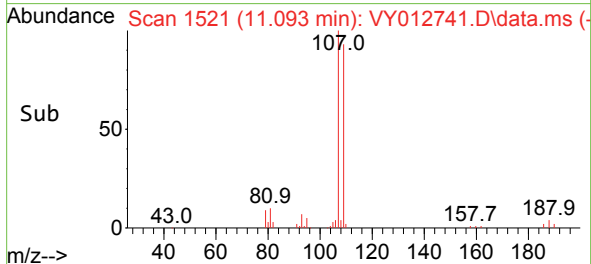
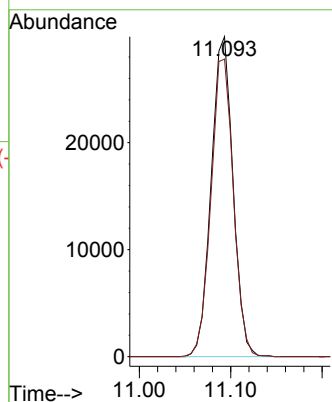
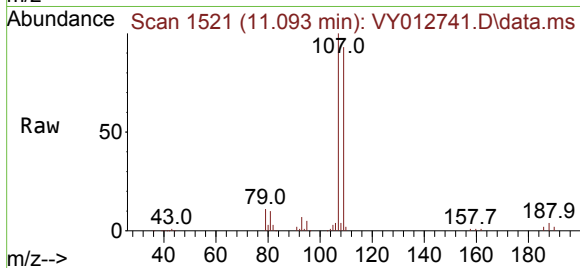
VSTDCCC050

Tgt Ion:107 Resp: 49536

Ion Ratio Lower Upper

107 100

109 95.4 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 52.195 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

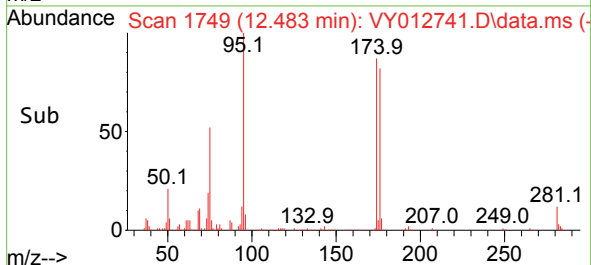
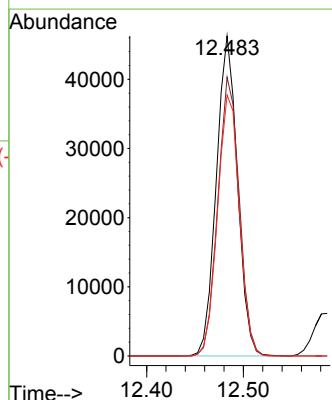
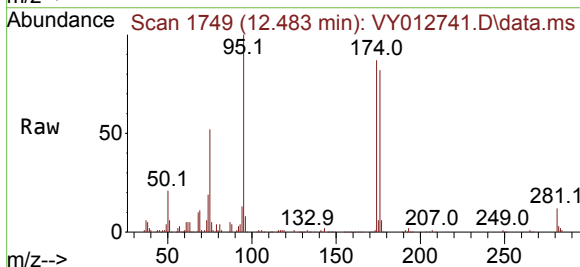
Tgt Ion: 95 Resp: 70057

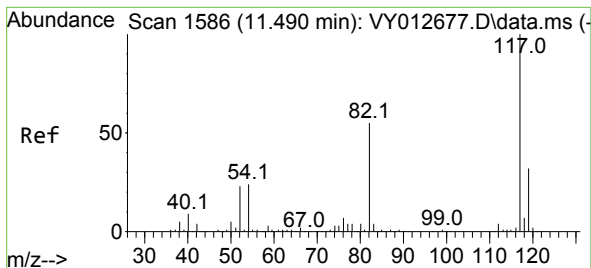
Ion Ratio Lower Upper

95 100

174 88.6 0.0 172.8

176 84.2 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

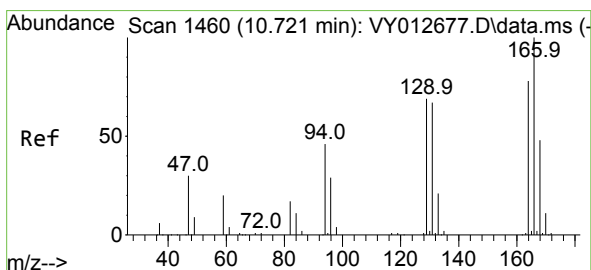
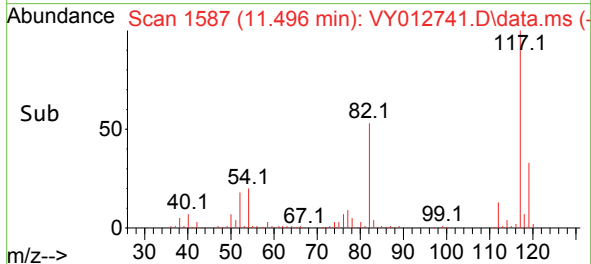
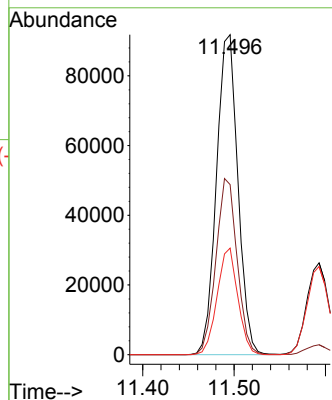
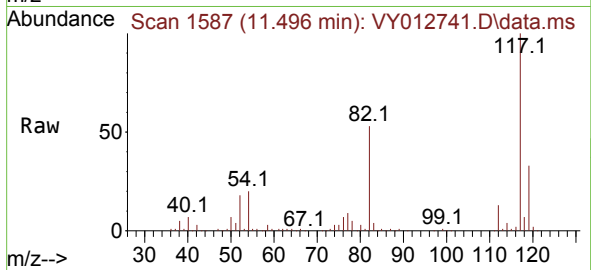
Tgt Ion:117 Resp: 149811

Ion Ratio Lower Upper

117 100

82 53.1 44.1 66.1

119 33.3 25.5 38.3



#64

Tetrachloroethene

Concen: 51.877 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Tgt Ion:164 Resp: 56523

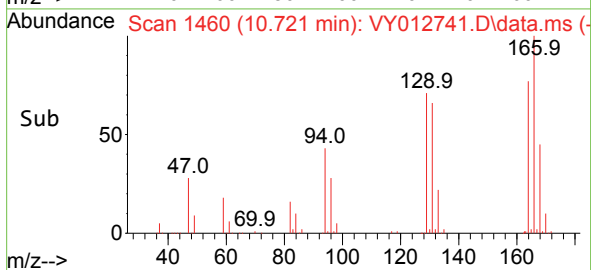
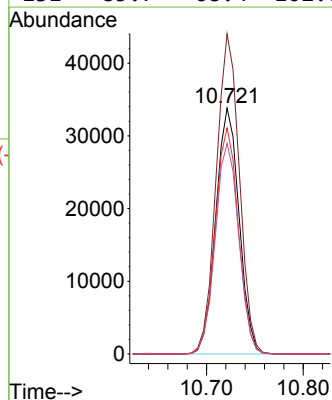
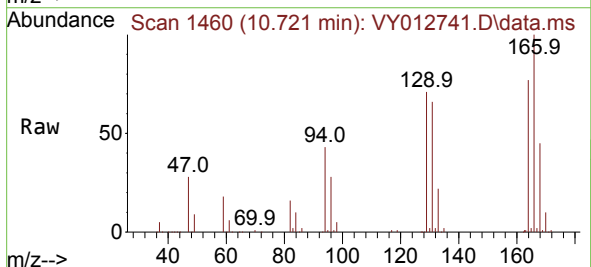
Ion Ratio Lower Upper

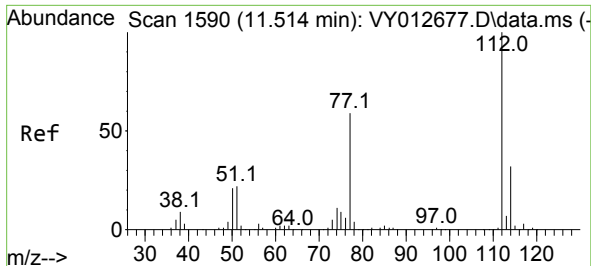
164 100

166 130.2 102.2 153.4

129 91.9 71.0 106.6

131 85.7 68.4 102.6

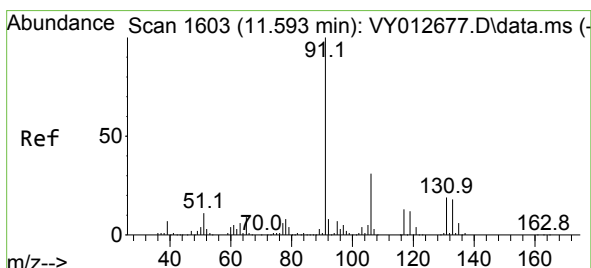
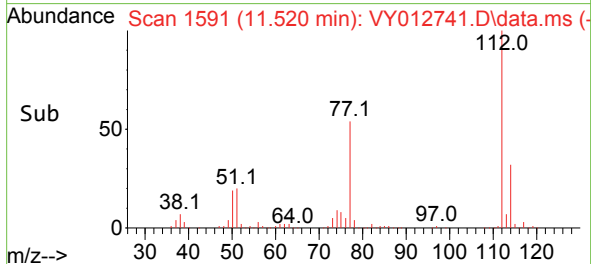
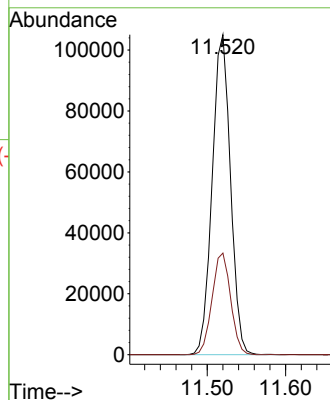
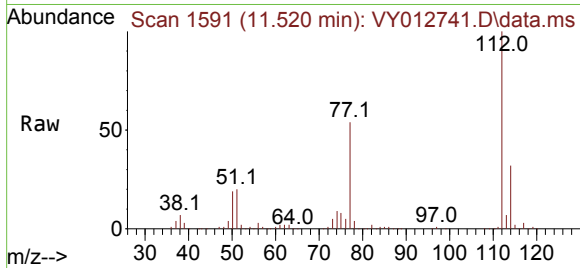




#65
Chlorobenzene
Concen: 53.030 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

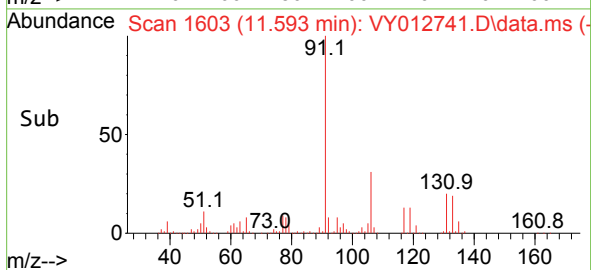
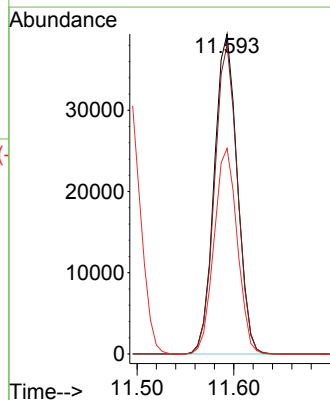
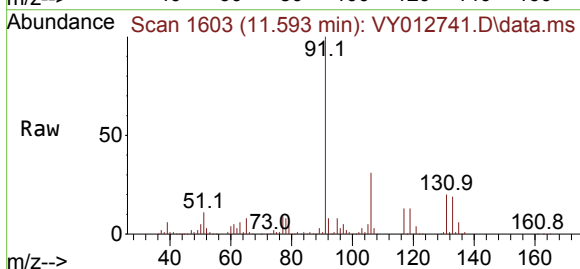
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

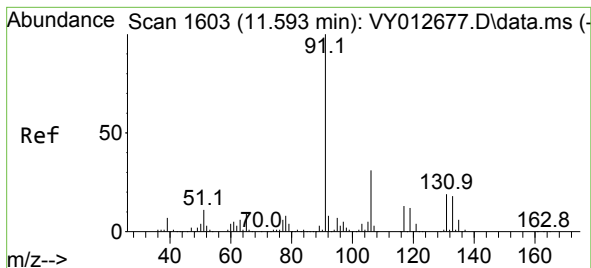
Tgt Ion:112 Resp: 170361
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.592 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion:131 Resp: 64995
Ion Ratio Lower Upper
131 100
133 95.9 47.1 141.3
119 64.8 32.4 97.2





#67

Ethyl Benzene

Concen: 53.226 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

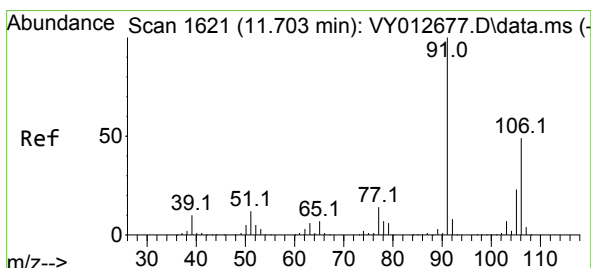
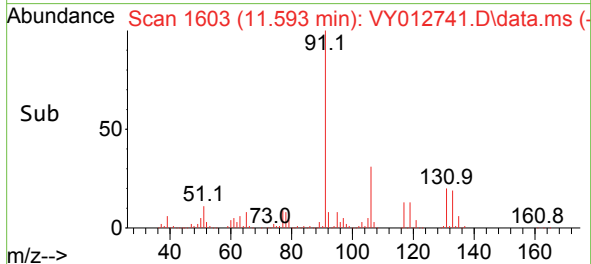
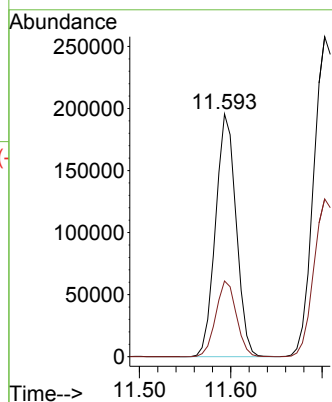
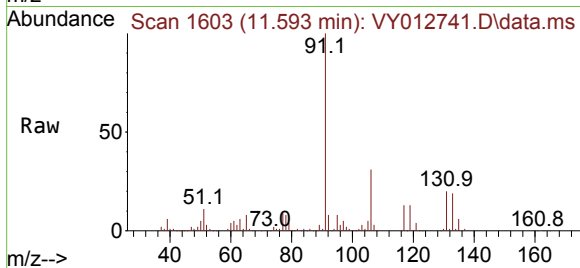
VSTDCCC050

Tgt Ion: 91 Resp: 305646

Ion Ratio Lower Upper

91 100

106 31.2 25.2 37.8



#68

m/p-Xylenes

Concen: 106.723 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY012741.D

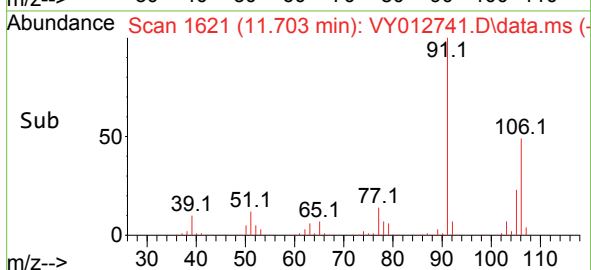
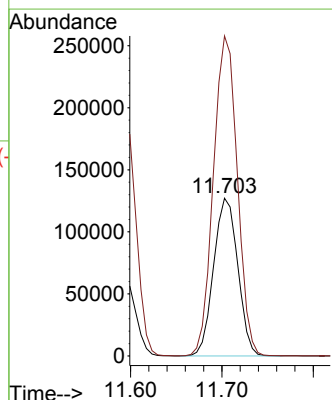
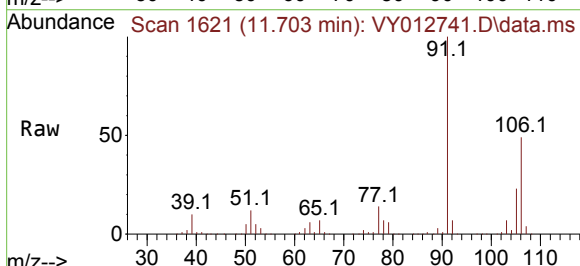
Acq: 01 Mar 2023 10:31

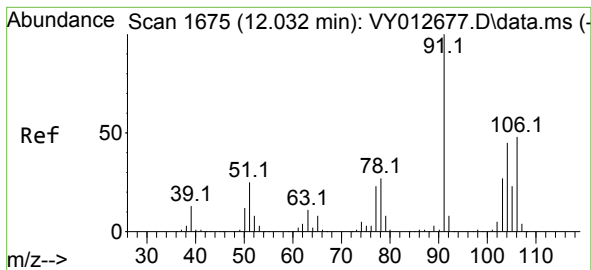
Tgt Ion:106 Resp: 233784

Ion Ratio Lower Upper

106 100

91 200.8 163.2 244.8





#69

o-Xylene

Concen: 54.854 ug/l

RT: 12.032 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

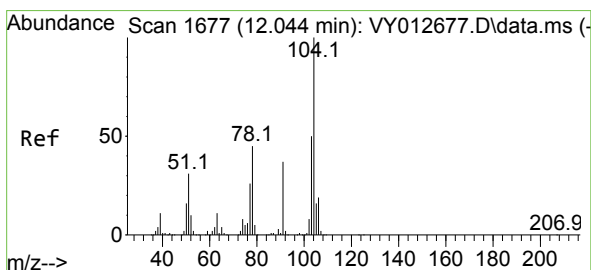
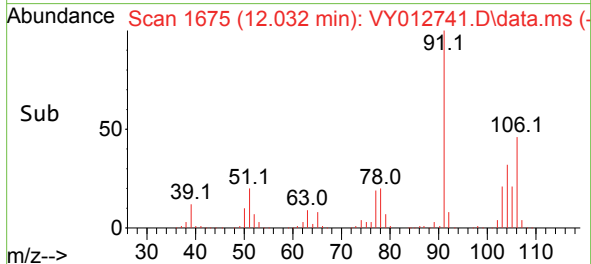
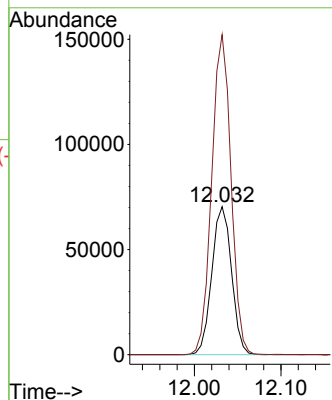
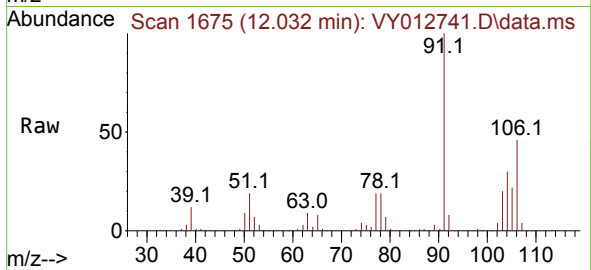
VSTDCCC050

Tgt Ion:106 Resp: 111296

Ion Ratio Lower Upper

106 100

91 211.8 106.3 319.0



#70

Styrene

Concen: 55.968 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

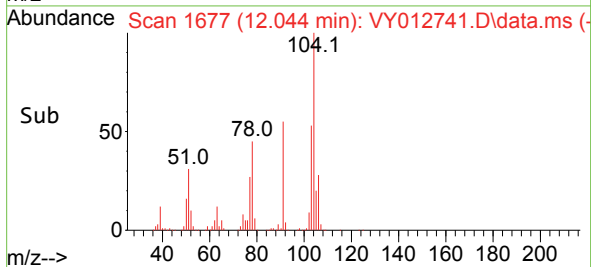
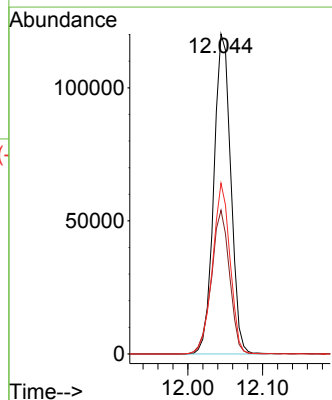
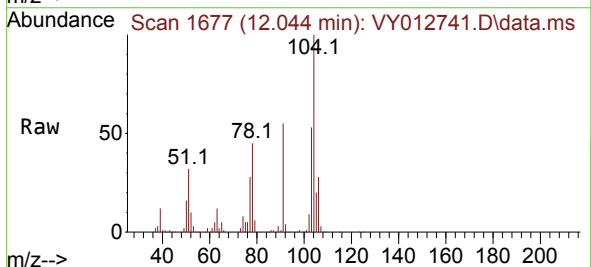
Tgt Ion:104 Resp: 190329

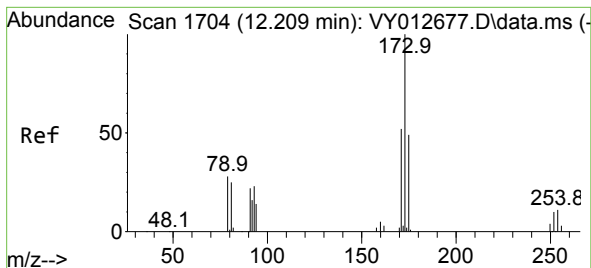
Ion Ratio Lower Upper

104 100

78 48.0 40.6 61.0

103 55.1 44.1 66.1





#71

Bromoform

Concen: 54.330 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

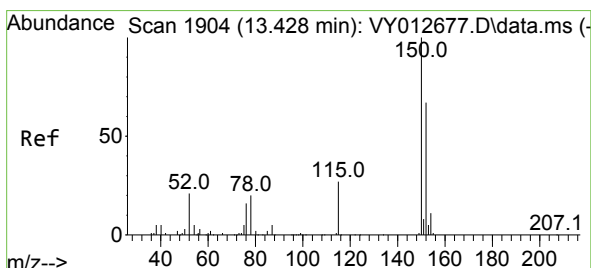
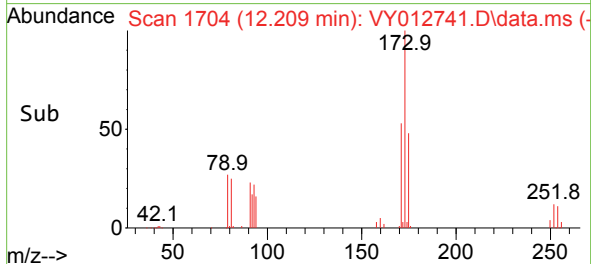
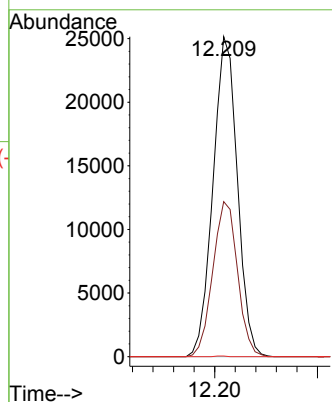
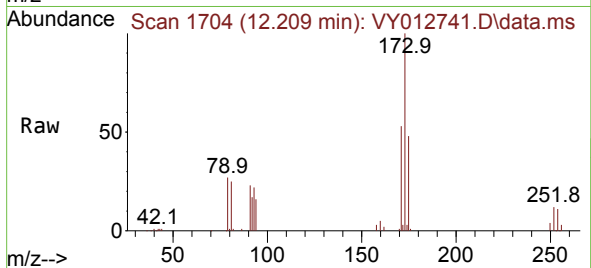
Tgt Ion:173 Resp: 41275

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.4

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

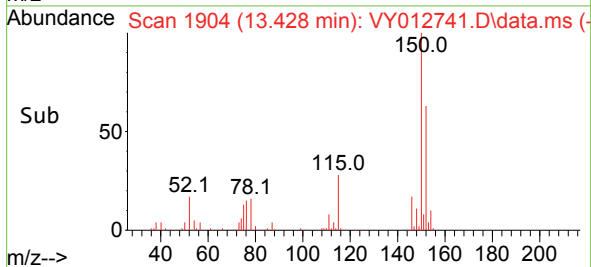
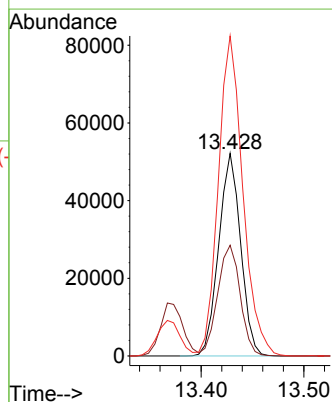
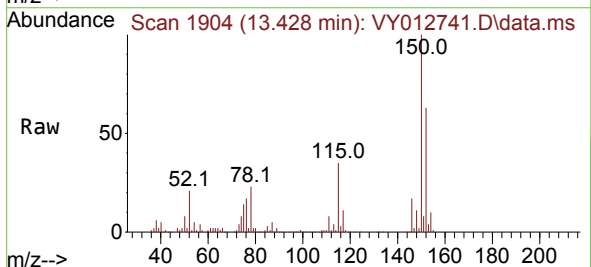
Tgt Ion:152 Resp: 77155

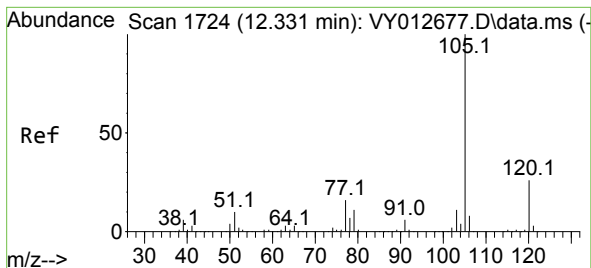
Ion Ratio Lower Upper

152 100

115 56.3 28.7 86.3

150 176.7 0.0 347.6





#73

Isopropylbenzene

Concen: 52.386 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

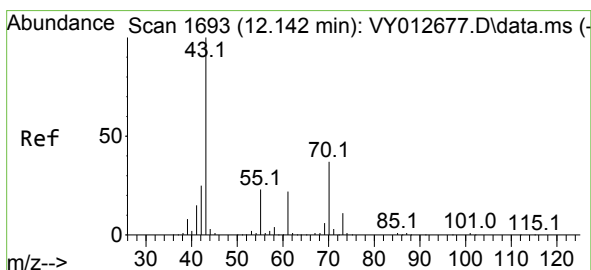
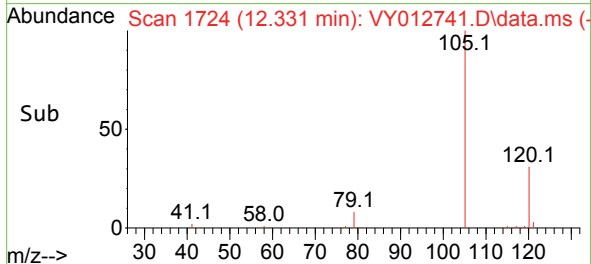
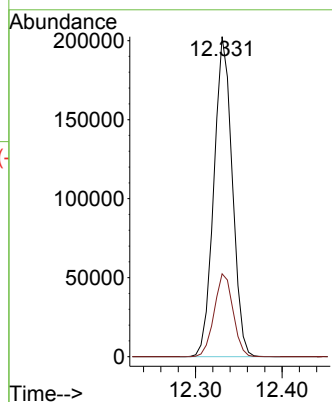
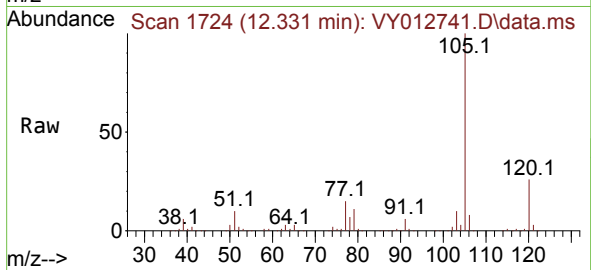
VSTDCCC050

Tgt Ion:105 Resp: 298685

Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5



#74

N-ethyl acetate

Concen: 47.250 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Tgt Ion: 43 Resp: 88560

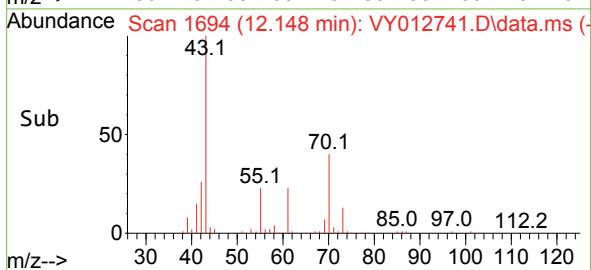
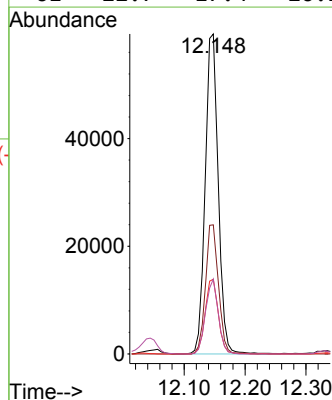
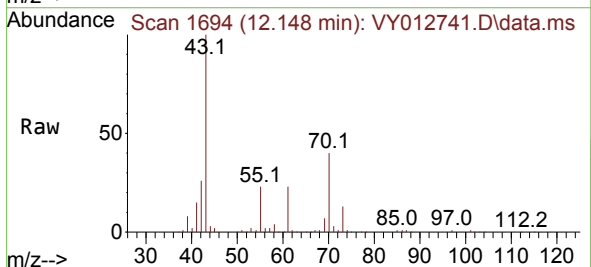
Ion Ratio Lower Upper

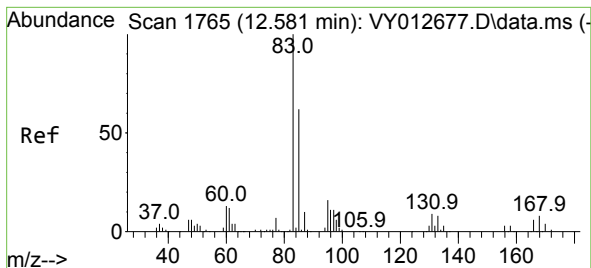
43 100

70 40.2 29.8 44.6

55 23.5 18.2 27.2

61 22.7 17.4 26.2

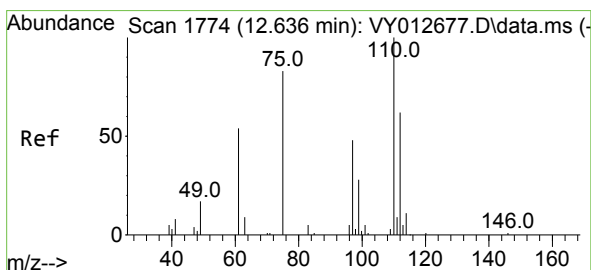
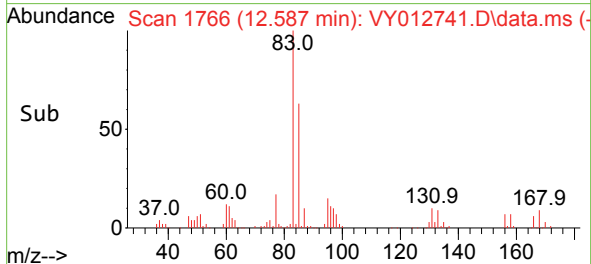
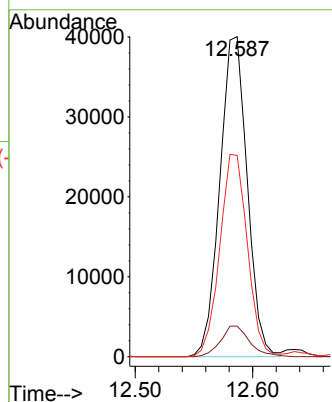
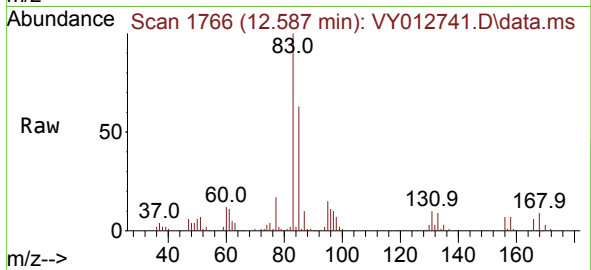




#75
1,1,2,2-Tetrachloroethane
Concen: 50.686 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

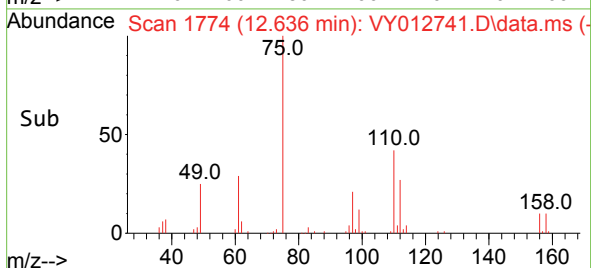
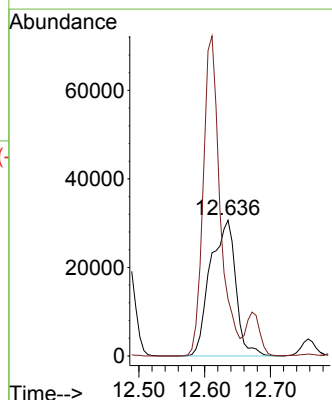
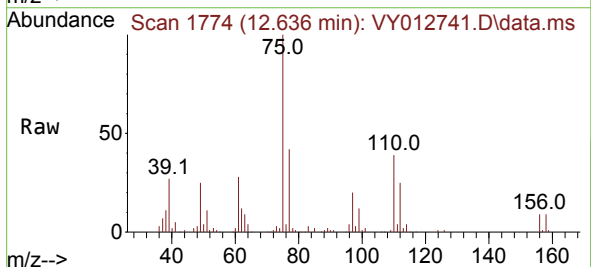
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

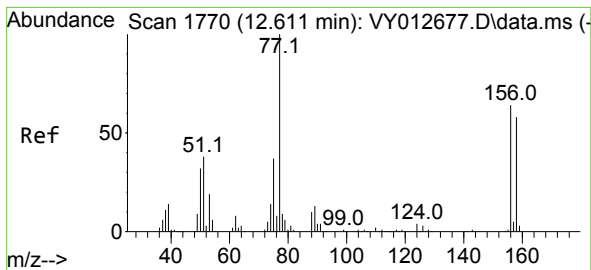
Tgt Ion: 83 Resp: 64979
Ion Ratio Lower Upper
83 100
131 10.1 5.0 15.0
85 63.6 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 85.892 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 75 Resp: 82617
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.235 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

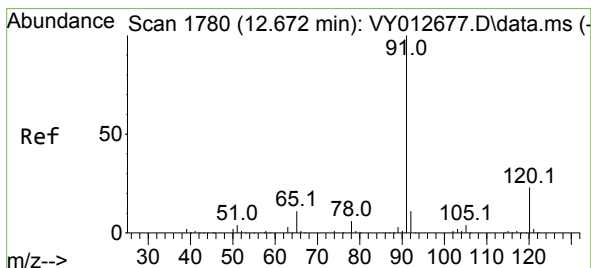
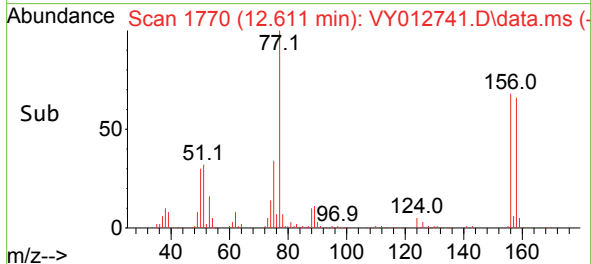
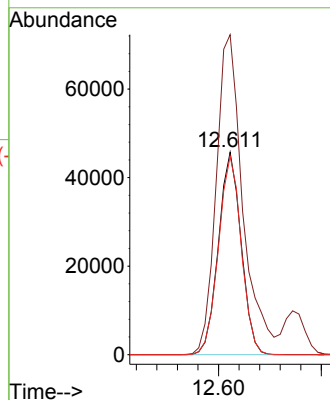
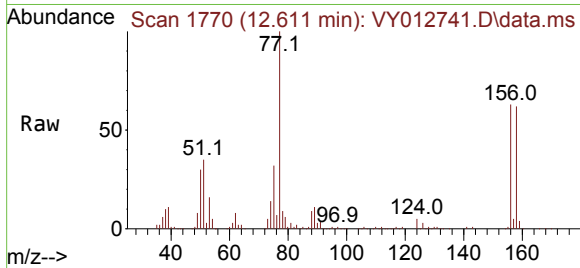
Tgt Ion:156 Resp: 69996

Ion Ratio Lower Upper

156 100

77 185.0 96.3 288.8

158 98.5 48.5 145.6



#78

n-propylbenzene

Concen: 51.693 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012741.D

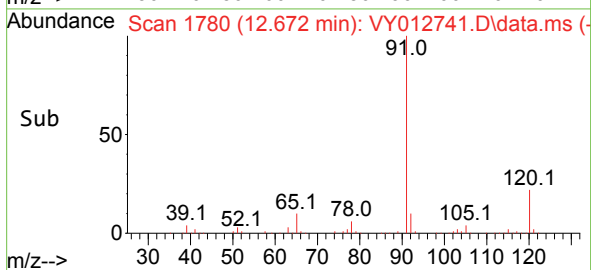
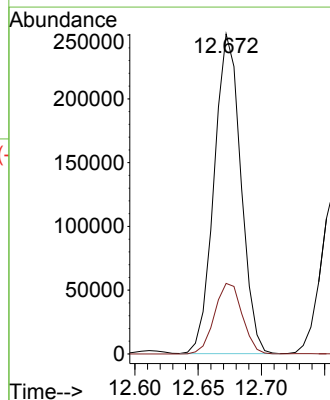
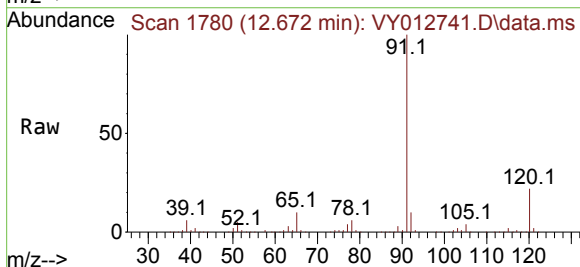
Acq: 01 Mar 2023 10:31

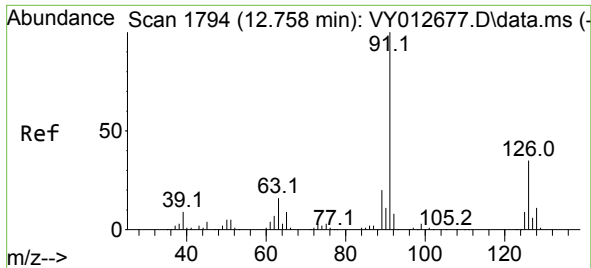
Tgt Ion: 91 Resp: 368665

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.8

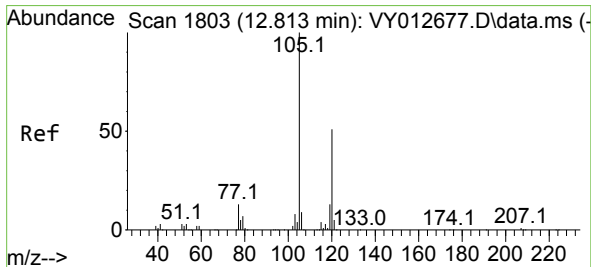
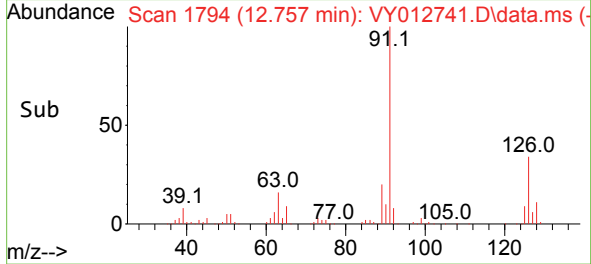
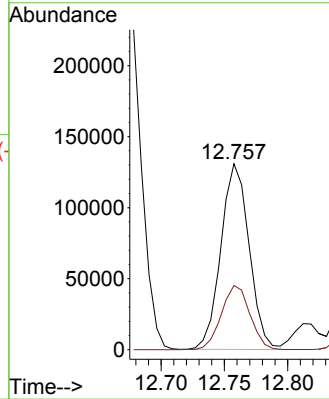
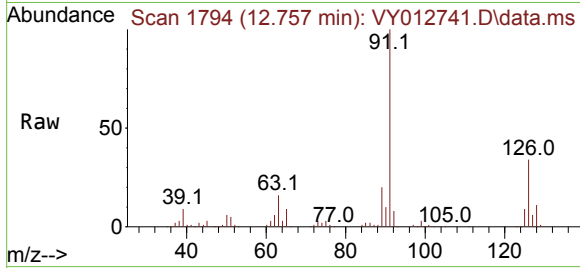




#79
2-Chlorotoluene
Concen: 51.301 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

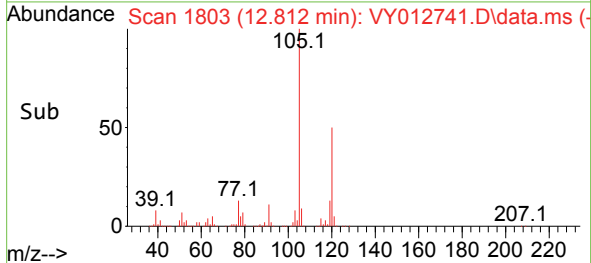
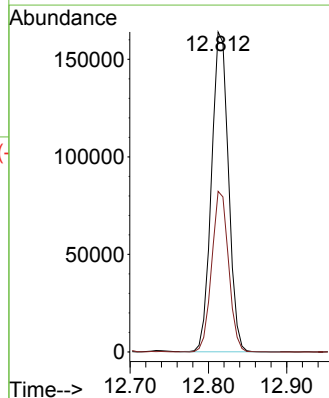
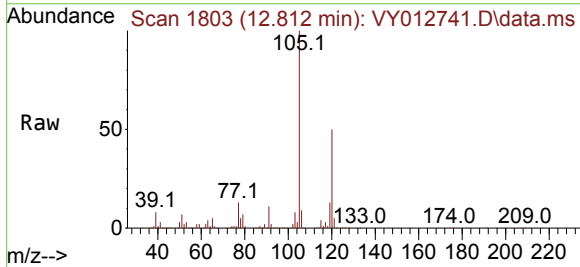
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

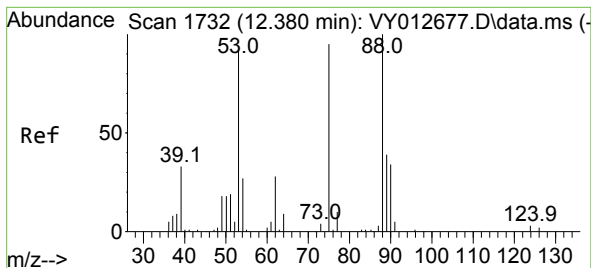
Tgt Ion: 91 Resp: 203259
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 51.672 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 105 Resp: 246101
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1

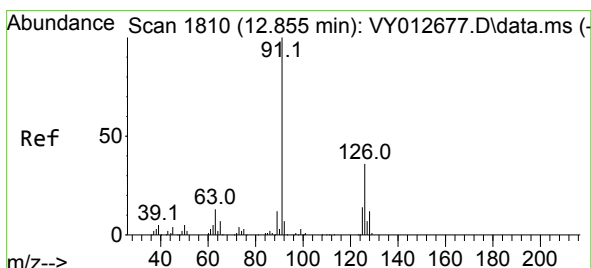
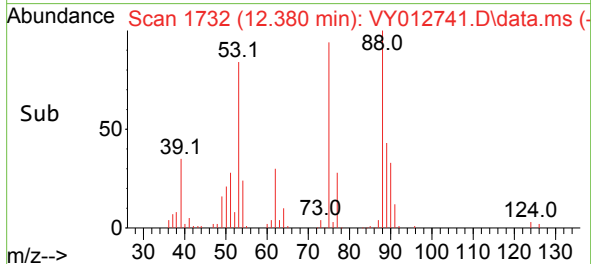
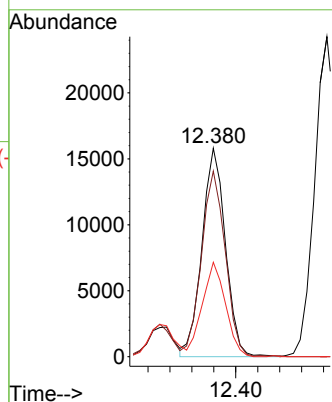
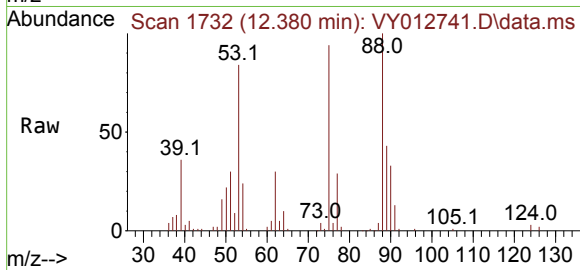




#81
trans-1,4-Dichloro-2-butene
Concen: 51.765 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

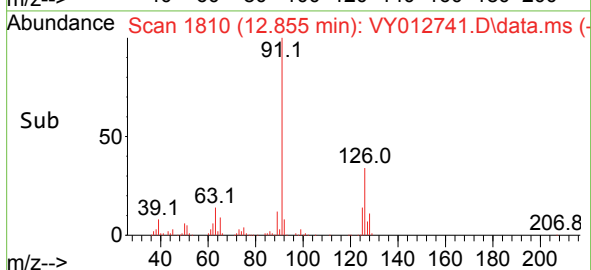
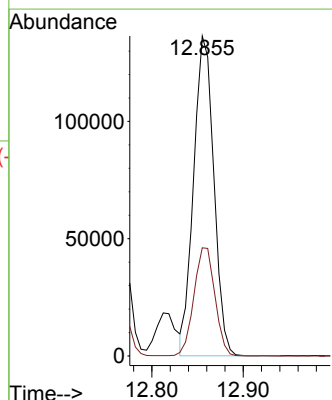
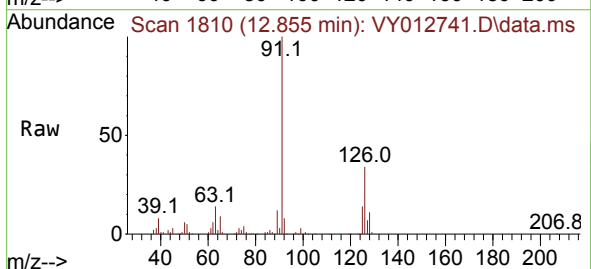
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

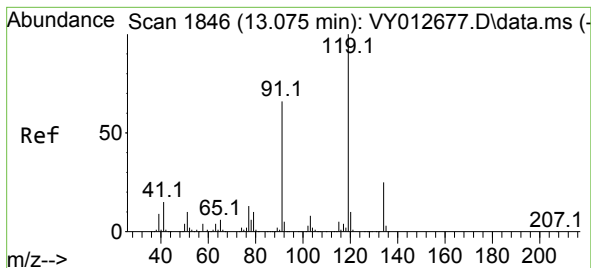
Tgt Ion: 75 Resp: 23503
Ion Ratio Lower Upper
75 100
53 90.8 80.4 120.6
89 44.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 50.997 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 91 Resp: 209561
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.5

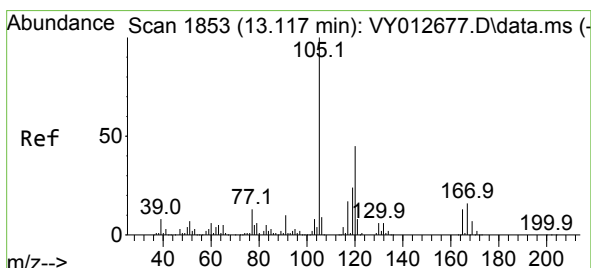
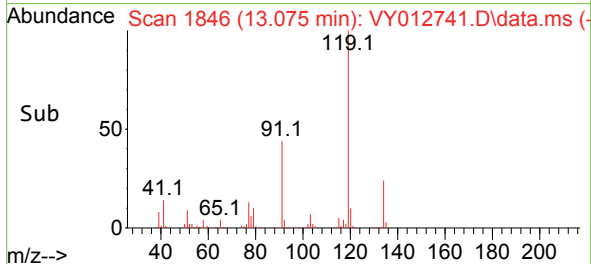
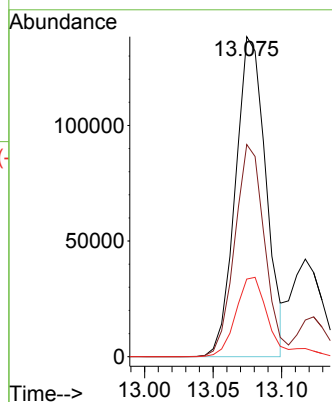
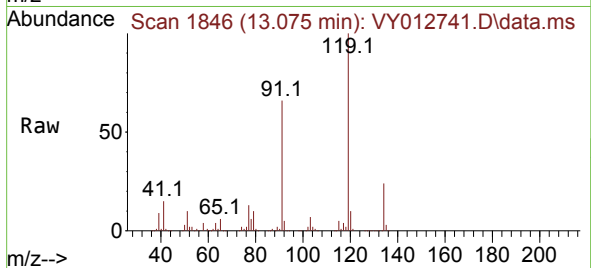




#83
tert-Butylbenzene
Concen: 52.561 ug/l
RT: 13.075 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

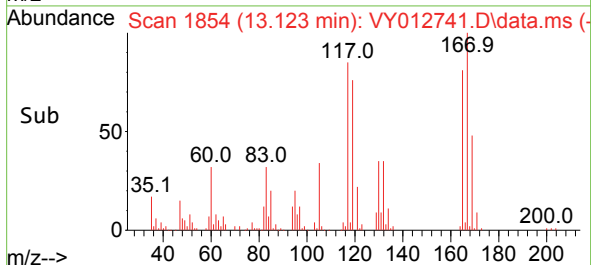
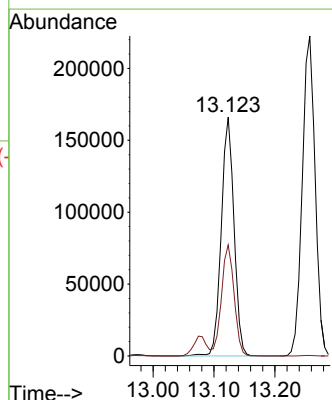
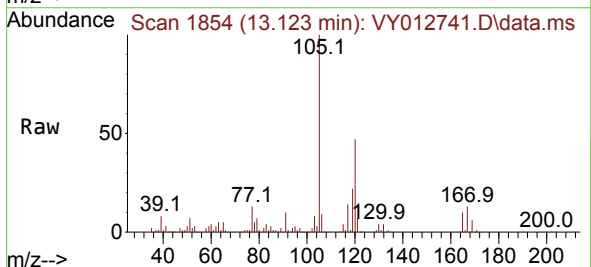
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

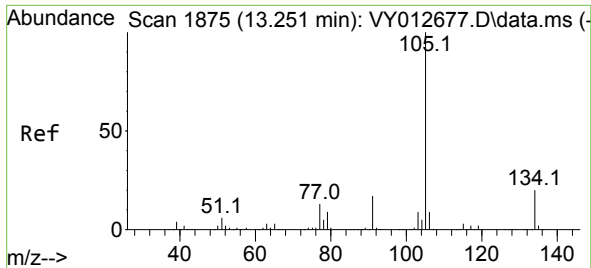
Tgt Ion:119 Resp: 213765
Ion Ratio Lower Upper
119 100
91 65.2 32.4 97.2
134 27.3 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 51.887 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion:105 Resp: 241581
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.0

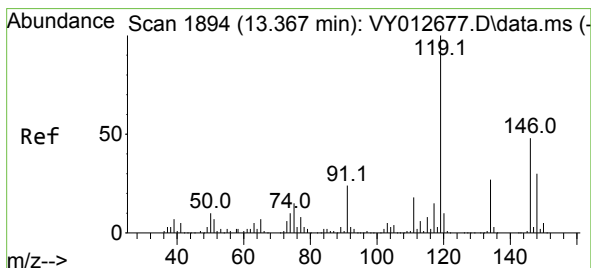
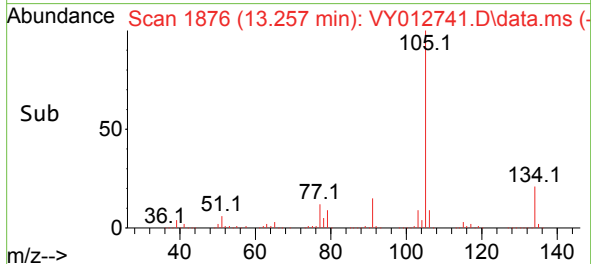
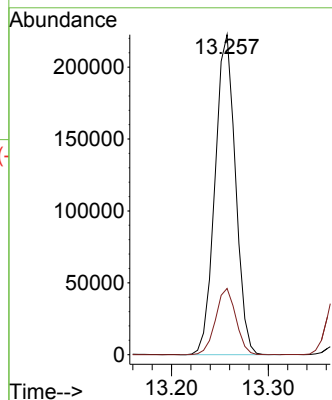
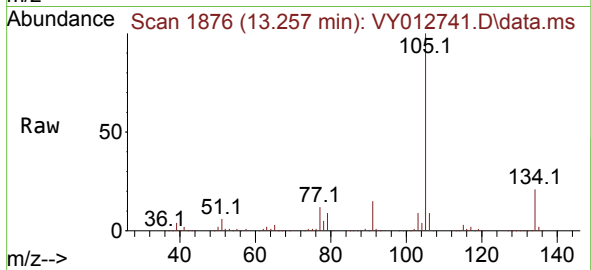




#85
 sec-Butylbenzene
 Concen: 52.754 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY012741.D
 Acq: 01 Mar 2023 10:31

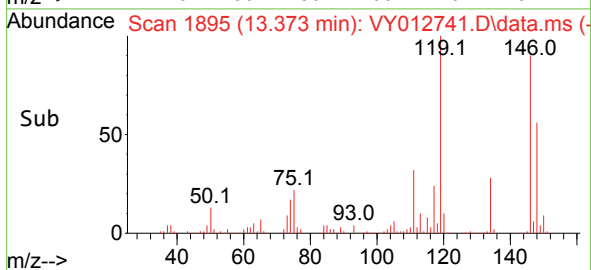
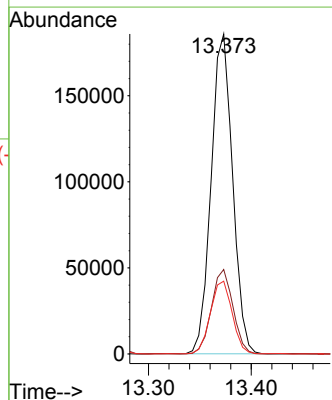
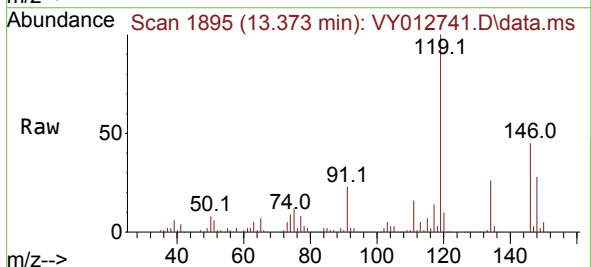
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

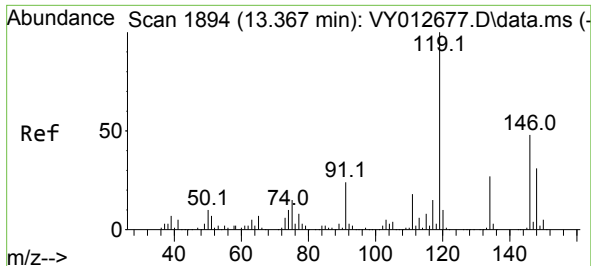
Tgt Ion:105 Resp: 326432
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 52.920 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY012741.D
 Acq: 01 Mar 2023 10:31

Tgt Ion:119 Resp: 269683
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 23.1 11.9 35.5

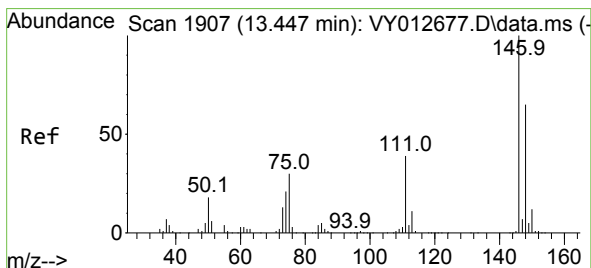
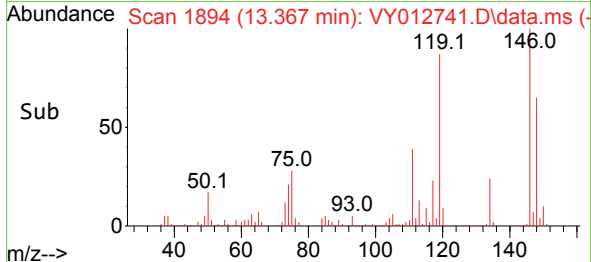
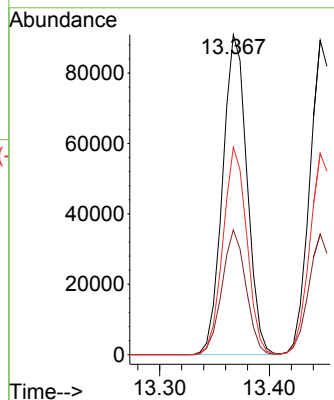
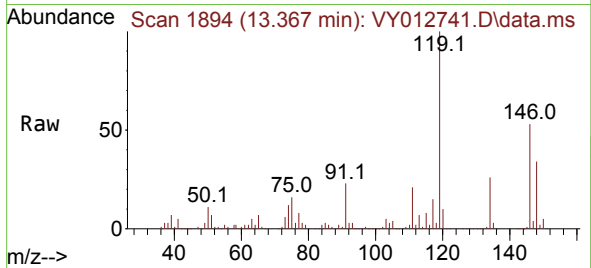




#87
 1,3-Dichlorobenzene
 Concen: 52.488 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY012741.D
 Acq: 01 Mar 2023 10:31

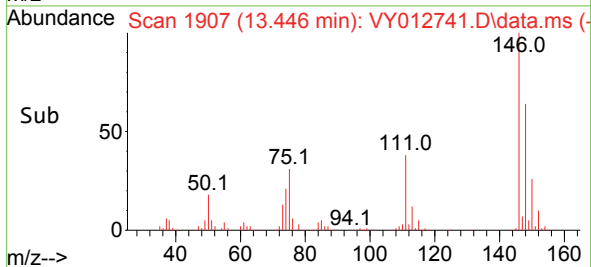
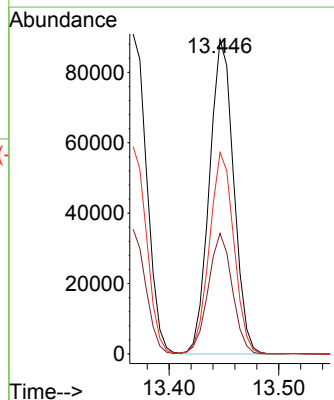
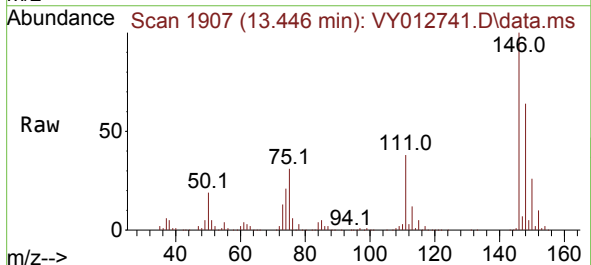
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

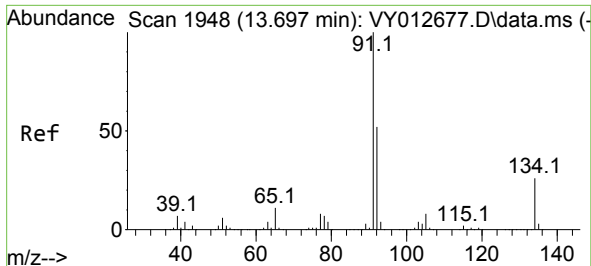
Tgt Ion:146 Resp: 140450
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.6 58.7
 148 63.4 31.3 93.9



#88
 1,4-Dichlorobenzene
 Concen: 50.702 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.001 min
 Lab File: VY012741.D
 Acq: 01 Mar 2023 10:31

Tgt Ion:146 Resp: 137581
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.3
 148 64.2 32.0 96.0

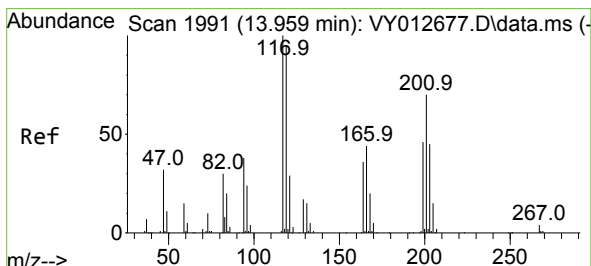
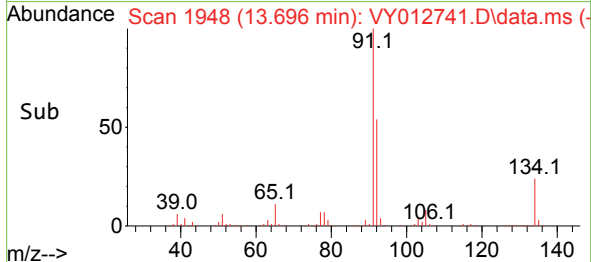
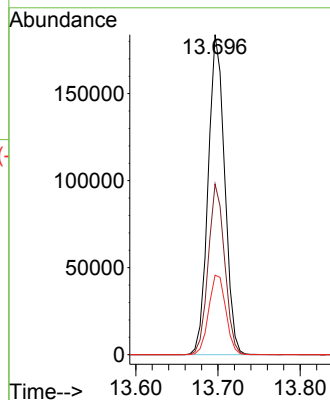
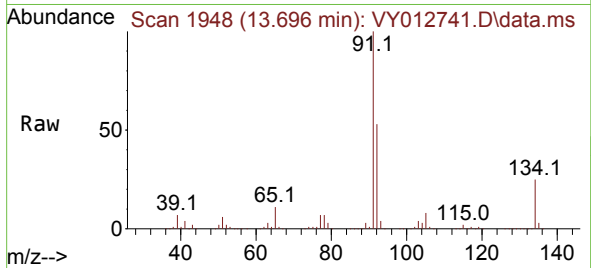




#89
n-Butylbenzene
Concen: 52.616 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

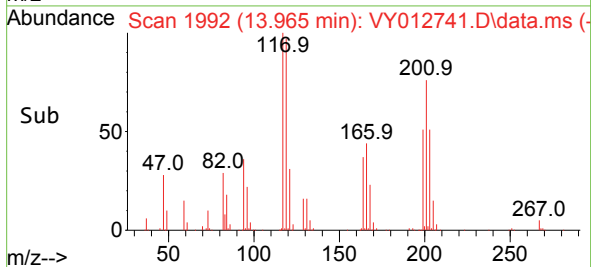
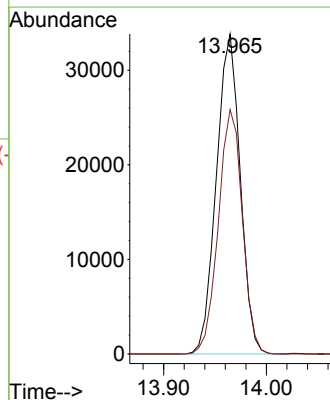
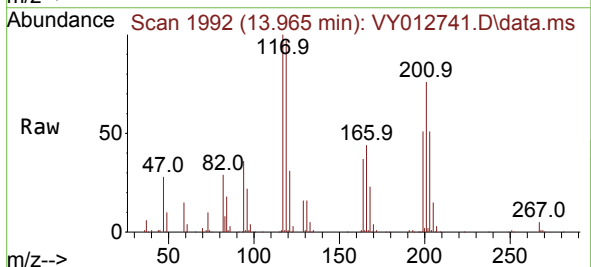
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

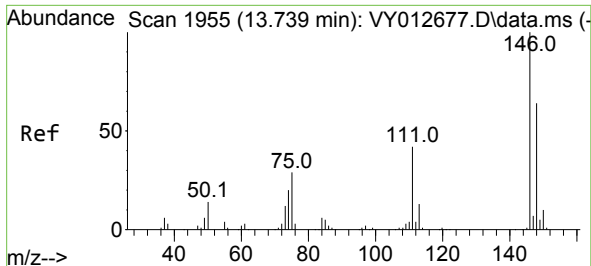
Tgt Ion: 91 Resp: 256792
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.8
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 52.715 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY012741.D
Acq: 01 Mar 2023 10:31

Tgt Ion: 117 Resp: 54518
Ion Ratio Lower Upper
117 100
201 76.8 38.3 114.8





#91

1,2-Dichlorobenzene

Concen: 52.311 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

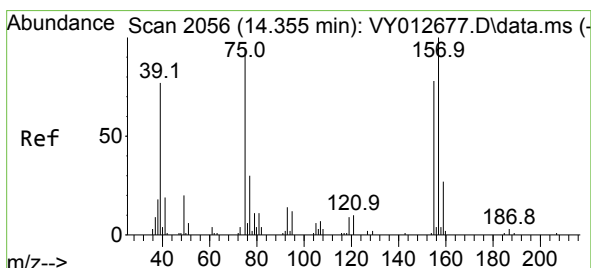
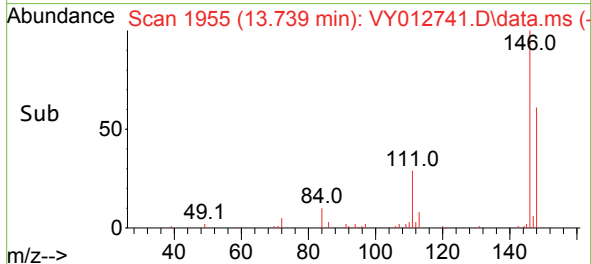
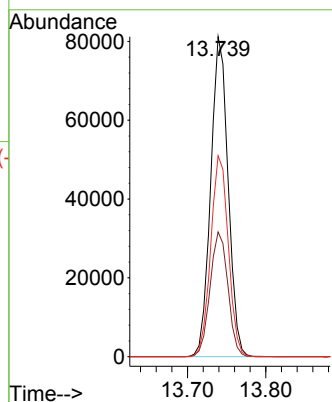
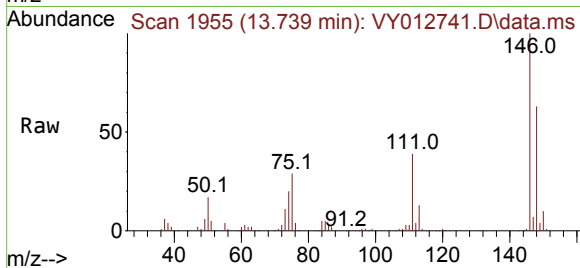
Tgt Ion:146 Resp: 125013

Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.8

148 63.6 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.631 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

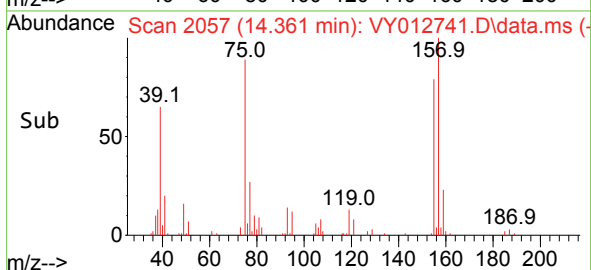
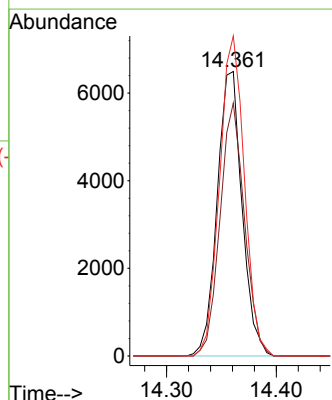
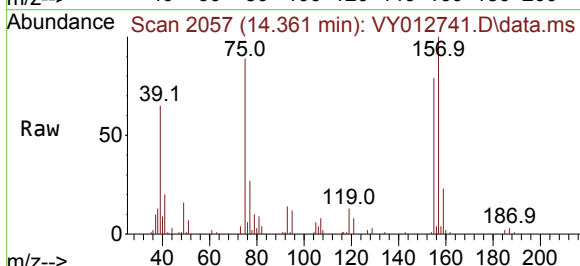
Tgt Ion: 75 Resp: 10248

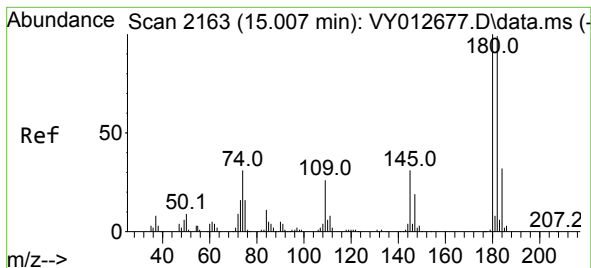
Ion Ratio Lower Upper

75 100

155 87.2 43.6 130.8

157 112.2 55.0 165.2





#93

1,2,4-Trichlorobenzene

Concen: 51.686 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

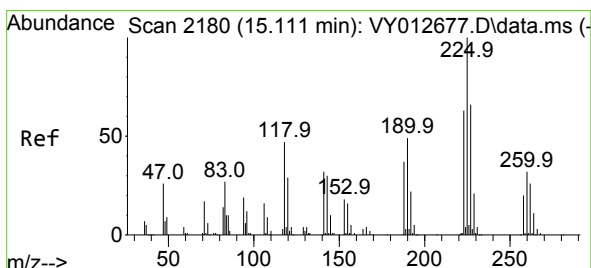
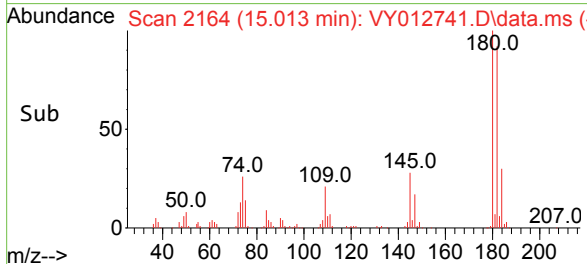
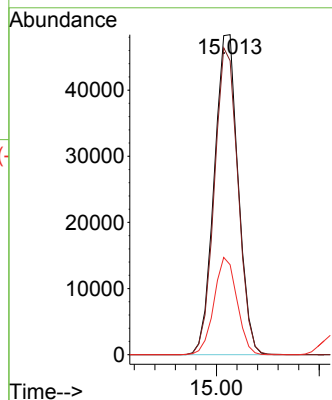
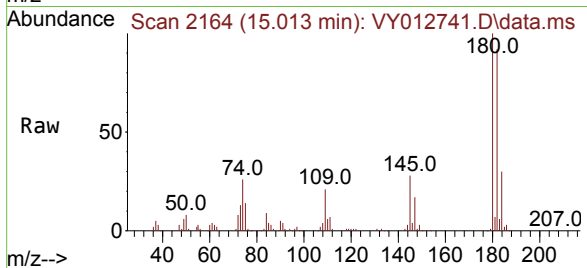
Tgt Ion:180 Resp: 78119

Ion Ratio Lower Upper

180 100

182 94.6 48.0 144.2

145 29.2 15.0 45.0



#94

Hexachlorobutadiene

Concen: 51.603 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

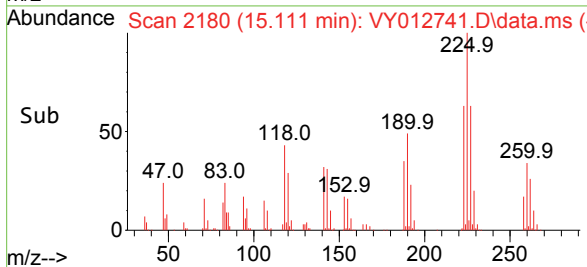
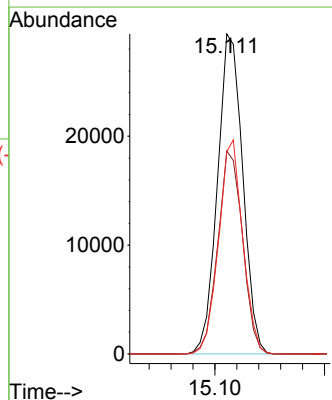
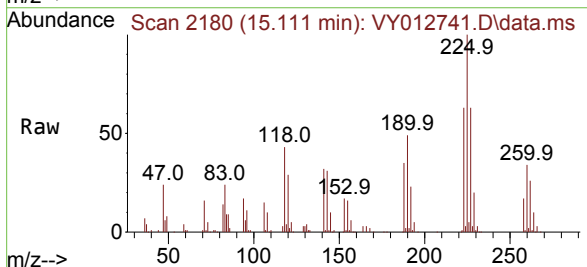
Tgt Ion:225 Resp: 47071

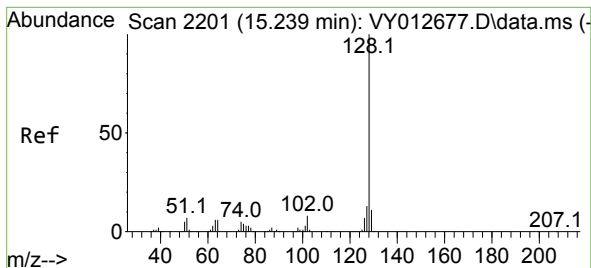
Ion Ratio Lower Upper

225 100

223 62.4 31.7 95.1

227 63.6 32.3 96.8





#95

Naphthalene

Concen: 52.394 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

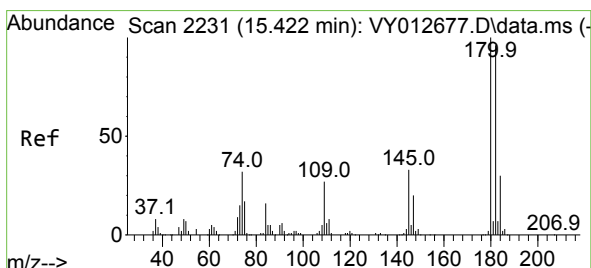
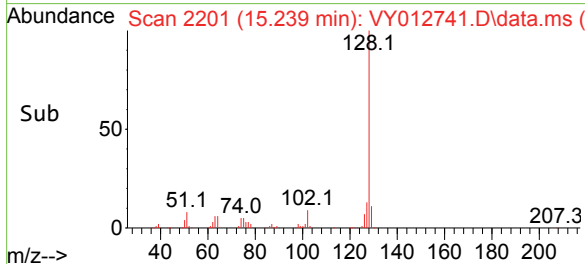
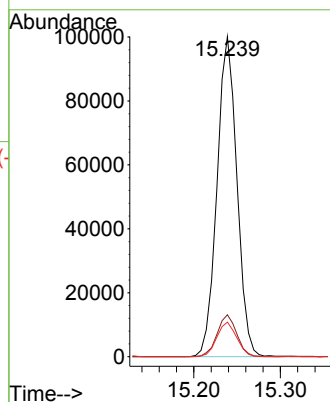
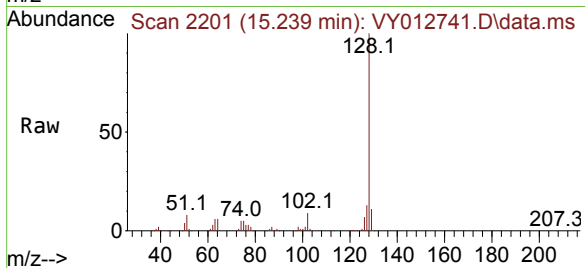
Tgt Ion:128 Resp: 160011

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 52.790 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY012741.D

Acq: 01 Mar 2023 10:31

Tgt Ion:180 Resp: 70624

Ion Ratio Lower Upper

180 100

182 93.5 48.5 145.6

145 30.2 16.1 48.2

