

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012932.D
 Acq On : 14 Mar 2023 10:32
 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 15 01:39:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	101996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	150043	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	137219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72181	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	44533	43.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.960%
35) Dibromofluoromethane	7.716	113	44689	49.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.179	98	154220	46.587	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.483	95	55909	50.038	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44295	44.061	ug/l	99
3) Chloromethane	2.113	50	53057	44.146	ug/l	99
4) Vinyl Chloride	2.253	62	52553	47.685	ug/l	98
5) Bromomethane	2.656	94	33147	49.498	ug/l	88
6) Chloroethane	2.796	64	33255	50.384	ug/l	99
7) Trichlorofluoromethane	3.131	101	91762	50.131	ug/l	98
8) Diethyl Ether	3.534	74	31128	48.527	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.900	101	53790	48.844	ug/l	99
10) Methyl Iodide	4.095	142	69706	48.578	ug/l	98
11) Tert butyl alcohol	4.948	59	25815	219.175	ug/l	100
12) 1,1-Dichloroethene	3.875	96	51251	48.795	ug/l	99
13) Acrolein	3.729	56	28286	159.428	ug/l	99
14) Allyl chloride	4.479	41	87690	45.197	ug/l	97
15) Acrylonitrile	5.161	53	80827	239.146	ug/l	99
16) Acetone	3.948	43	104298	262.393	ug/l	99
17) Carbon Disulfide	4.198	76	156890	43.884	ug/l	100
18) Methyl Acetate	4.479	43	51913	43.856	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	138418	51.021	ug/l	97
20) Methylene Chloride	4.716	84	61321	50.622	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	57513	50.388	ug/l	95
22) Diisopropyl ether	6.119	45	179055	50.811	ug/l	96
23) Vinyl Acetate	6.058	43	545399	249.092	ug/l	99
24) 1,1-Dichloroethane	6.015	63	101754	50.674	ug/l	99
25) 2-Butanone	6.984	43	124126	252.124	ug/l	98
26) 2,2-Dichloropropane	6.984	77	92463	51.845	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	64581	52.774	ug/l	98
28) Bromochloromethane	7.332	49	36561	49.823	ug/l	96
29) Tetrahydrofuran	7.344	42	70035	235.864	ug/l	97
30) Chloroform	7.503	83	105625	53.253	ug/l	100
31) Cyclohexane	7.783	56	86590	44.646	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	93130	51.921	ug/l	99
36) 1,1-Dichloropropene	7.917	75	79903	52.657	ug/l	99
37) Ethyl Acetate	7.070	43	47561	49.729	ug/l	99
38) Carbon Tetrachloride	7.899	117	86400	55.137	ug/l	98
39) Methylcyclohexane	9.185	83	92012	51.003	ug/l	98
40) Benzene	8.161	78	230825	53.775	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	65475	127.065	ug/l #	100
42) 1,2-Dichloroethane	8.234	62	69981	54.228	ug/l	100
43) Isopropyl Acetate	8.271	43	85353	50.020	ug/l	99
44) Trichloroethene	8.941	130	62193	54.955	ug/l	100
45) 1,2-Dichloropropane	9.216	63	57287	52.809	ug/l	100
46) Dibromomethane	9.307	93	34230	55.387	ug/l	99
47) Bromodichloromethane	9.496	83	80669	55.390	ug/l	97
48) Methyl methacrylate	9.295	41	38767	49.306	ug/l	92
49) 1,4-Dioxane	9.301	88	8575	1073.300	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	242248	261.722	ug/l	99
52) Toluene	10.246	92	144772	55.925	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	84733	55.468	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	95729	55.366	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	47633	55.344	ug/l	95
56) Ethyl methacrylate	10.508	69	63895	55.676	ug/l	98
57) 1,3-Dichloropropane	10.789	76	80543	54.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	163987	272.199	ug/l	99
59) 2-Hexanone	10.831	43	184593	274.404	ug/l	98
60) Dibromochloromethane	10.984	129	59199	56.505	ug/l	100
61) 1,2-Dibromoethane	11.093	107	45150	54.458	ug/l	100
64) Tetrachloroethene	10.721	164	52784	52.834	ug/l	99
65) Chlorobenzene	11.520	112	155372	53.951	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	59723	56.044	ug/l	100
67) Ethyl Benzene	11.593	91	275521	54.415	ug/l	100
68) m/p-Xylenes	11.703	106	214302	110.021	ug/l	100
69) o-Xylene	12.032	106	100698	55.393	ug/l	98
70) Styrene	12.044	104	170356	56.155	ug/l	99
71) Bromoform	12.209	173	38081	54.808	ug/l #	99
73) Isopropylbenzene	12.331	105	268758	52.538	ug/l	100
74) N-amyl acetate	12.142	43	77667	48.254	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	57440	49.951	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	74257	86.149	ug/l #	100
77) Bromobenzene	12.611	156	65296	52.543	ug/l	95
78) n-propylbenzene	12.672	91	332790	52.766	ug/l	100
79) 2-Chlorotoluene	12.758	91	184779	52.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	223621	52.970	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	21002	50.486	ug/l	100
82) 4-Chlorotoluene	12.855	91	189313	52.174	ug/l	100
83) tert-Butylbenzene	13.075	119	194770	53.453	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	222636	53.931	ug/l	100
85) sec-Butylbenzene	13.258	105	295286	53.120	ug/l	100
86) p-Isopropyltoluene	13.373	119	246879	54.341	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	127505	53.198	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	126841	51.852	ug/l	98
89) n-Butylbenzene	13.697	91	230471	52.991	ug/l	100
90) Hexachloroethane	13.965	117	49103	51.892	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	115182	53.162	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9021	48.540	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	69289	51.941	ug/l	97
94) Hexachlorobutadiene	15.117	225	42273	51.955	ug/l	99
95) Naphthalene	15.239	128	140236	52.459	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	62520	52.696	ug/l	100

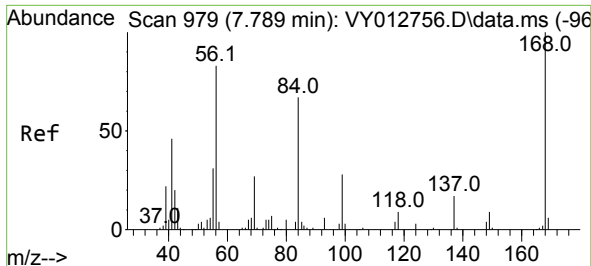
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
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Response via : Initial Calibration

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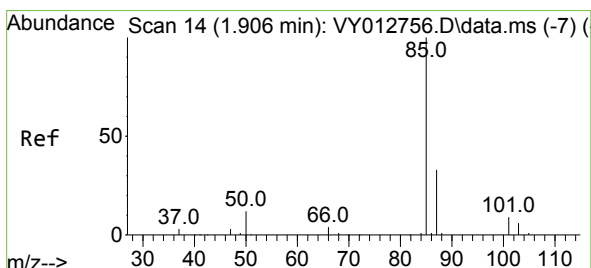
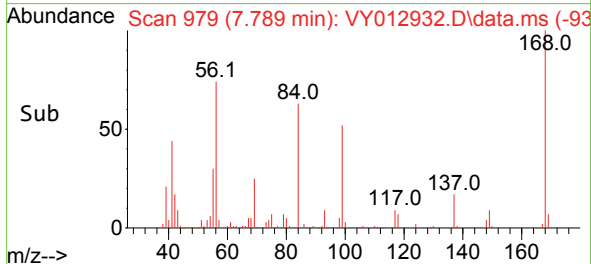
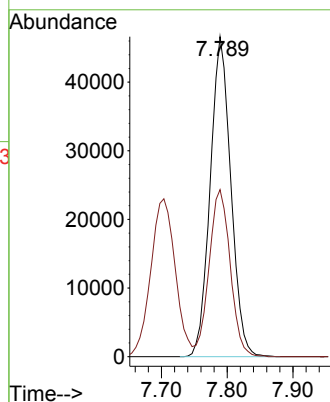
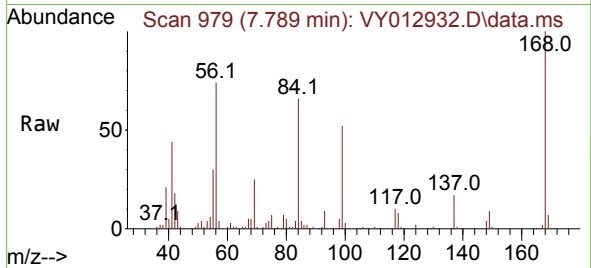
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
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Acq: 14 Mar 2023 10:32

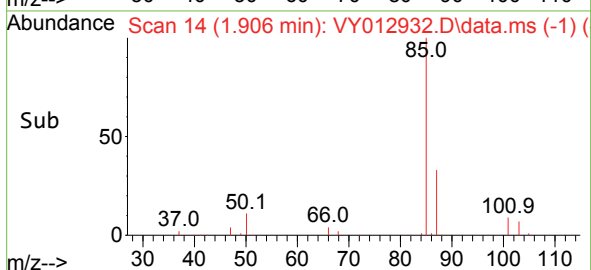
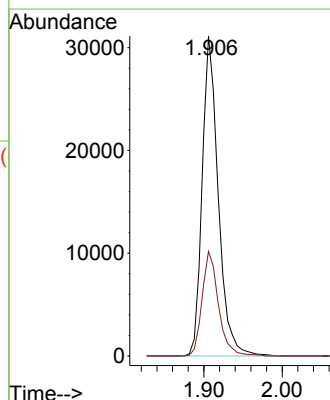
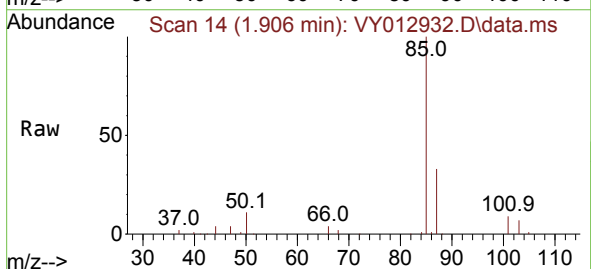
Instrument :
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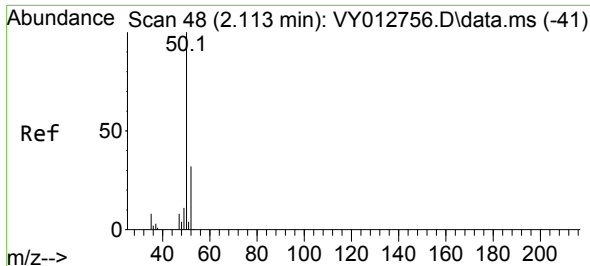
Tgt Ion:168 Resp: 101996
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 44.061 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 85 Resp: 44295
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.0

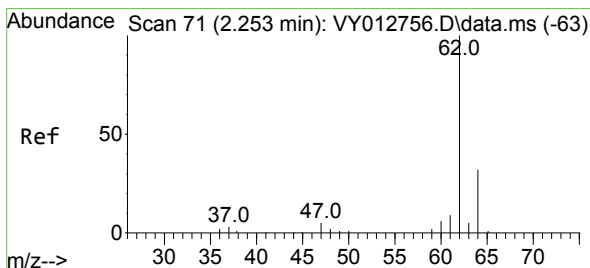
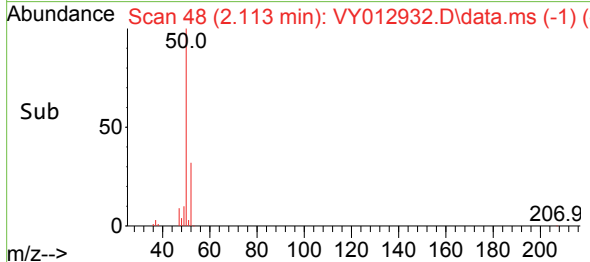
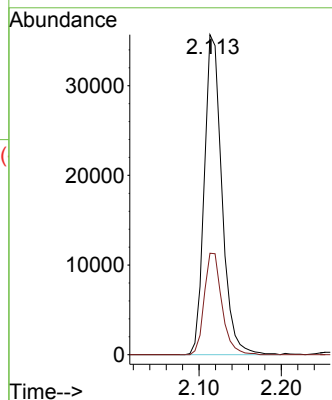
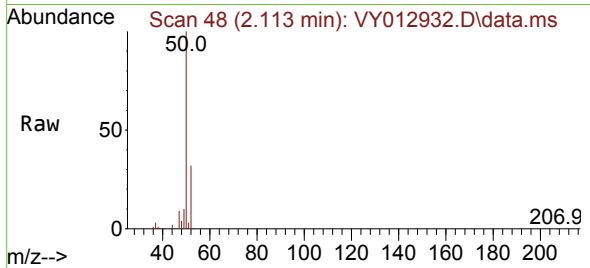




#3
Chloromethane
Concen: 44.146 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

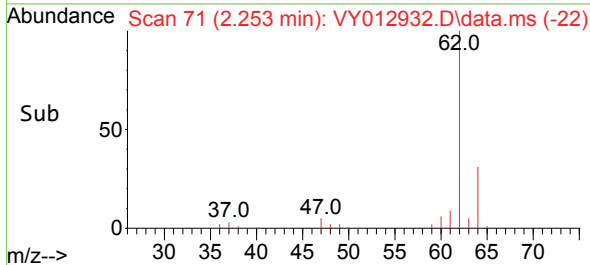
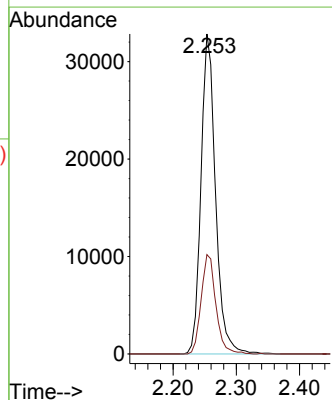
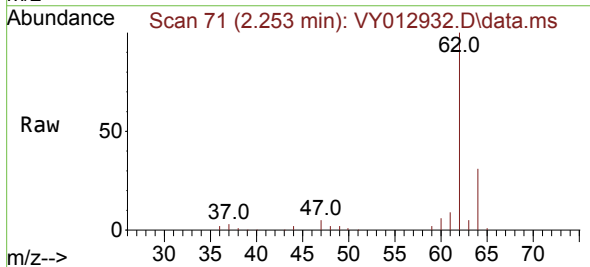
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ClientSampleId :
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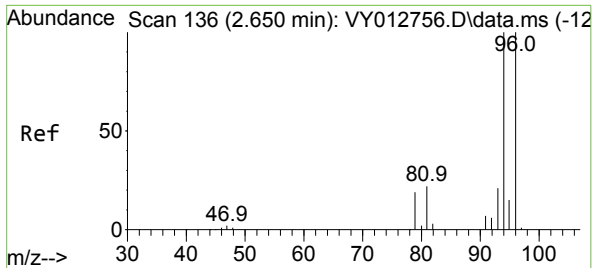
Tgt Ion: 50 Resp: 53057
Ion Ratio Lower Upper
50 100
52 31.7 26.0 39.0



#4
Vinyl Chloride
Concen: 47.685 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 62 Resp: 52553
Ion Ratio Lower Upper
62 100
64 31.0 25.6 38.4

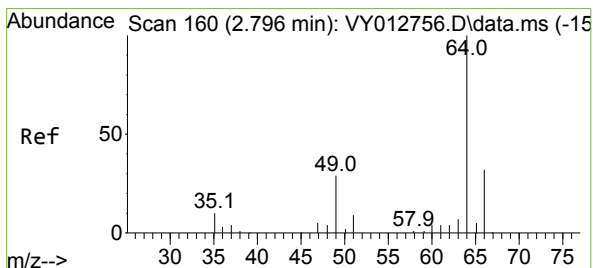
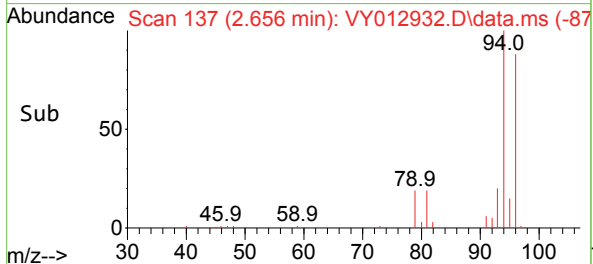
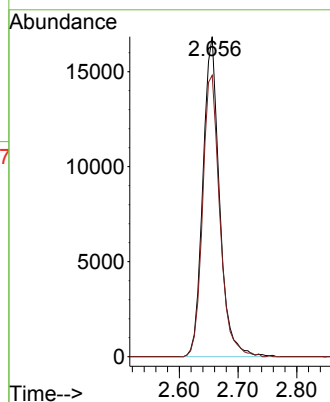
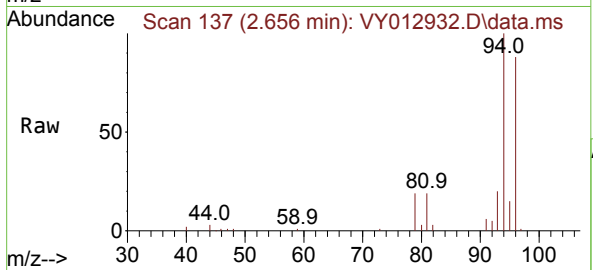




#5
Bromomethane
Concen: 49.498 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

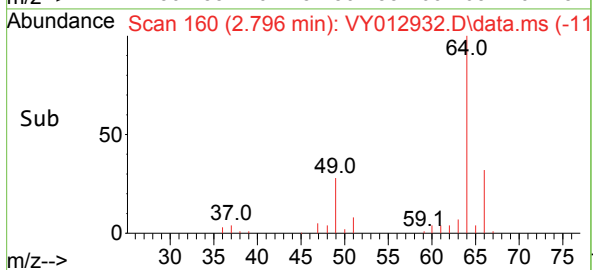
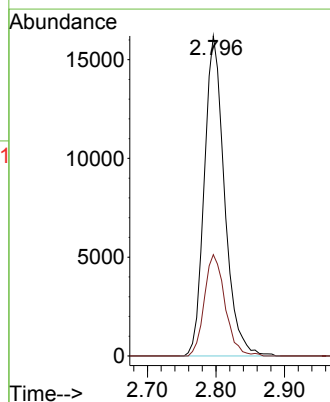
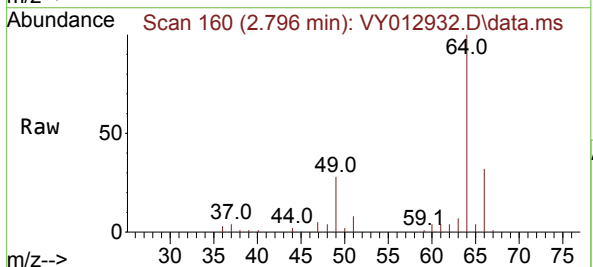
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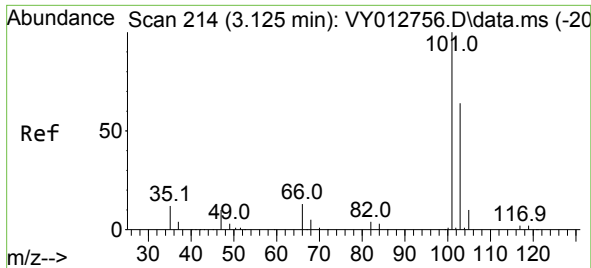
Tgt Ion: 94 Resp: 33147
Ion Ratio Lower Upper
94 100
96 87.9 80.3 120.5



#6
Chloroethane
Concen: 50.384 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 64 Resp: 33255
Ion Ratio Lower Upper
64 100
66 31.7 25.7 38.5

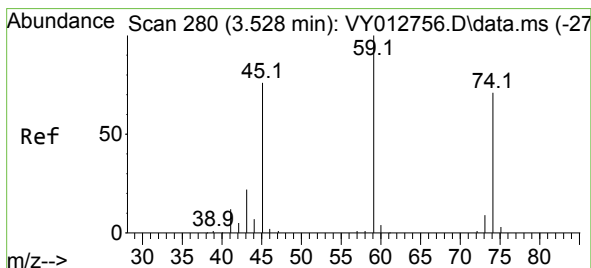
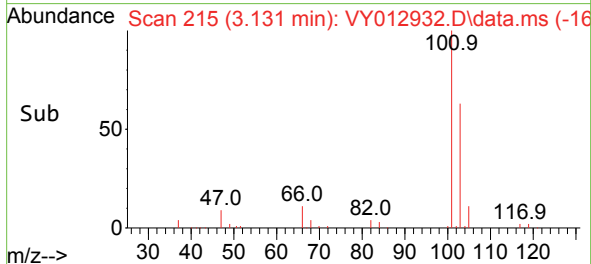
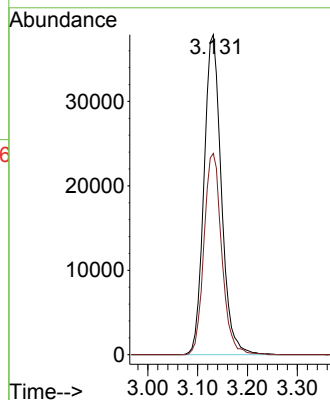
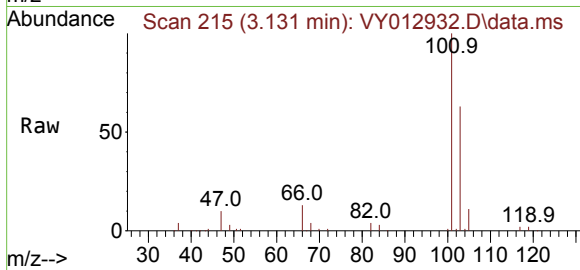




#7
 Trichlorofluoromethane
 Concen: 50.131 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY012932.D
 Acq: 14 Mar 2023 10:32

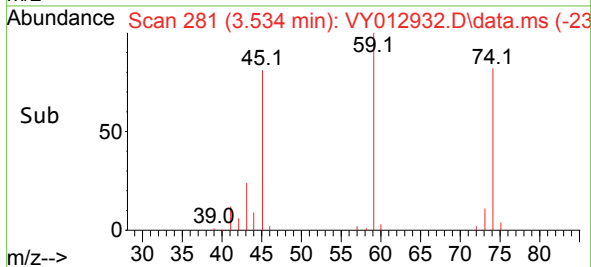
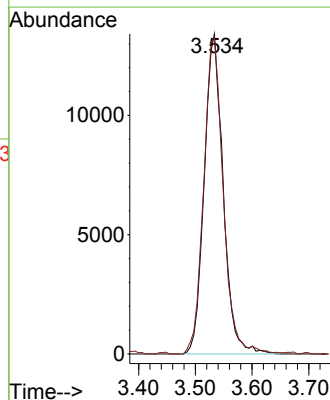
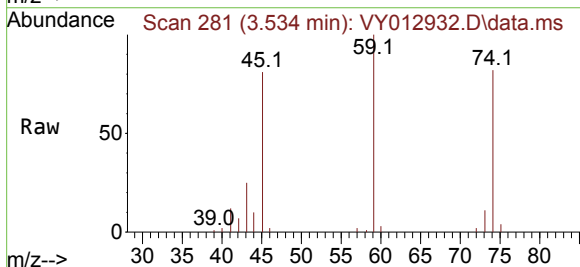
Instrument :
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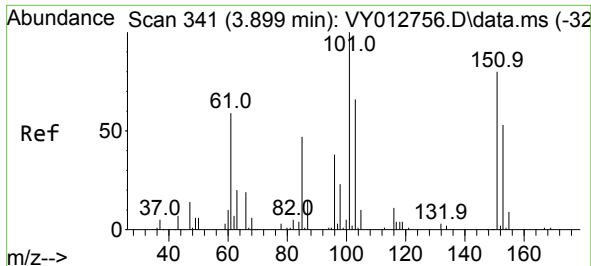
Tgt Ion:101 Resp: 91762
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.5 77.3



#8
 Diethyl Ether
 Concen: 48.527 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY012932.D
 Acq: 14 Mar 2023 10:32

Tgt Ion: 74 Resp: 31128
 Ion Ratio Lower Upper
 74 100
 45 102.1 52.1 156.4



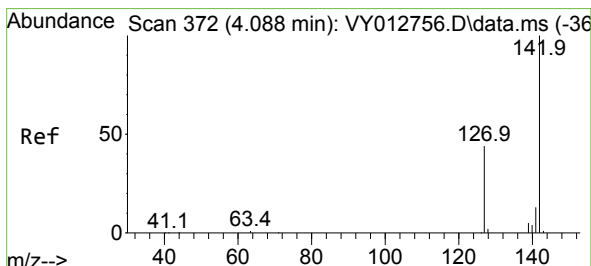
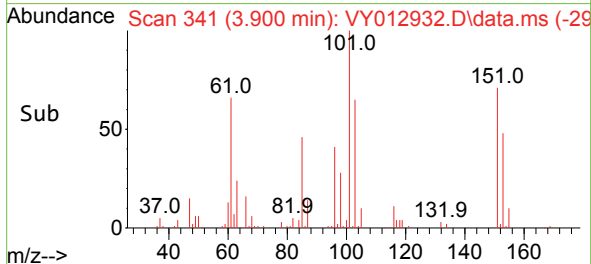
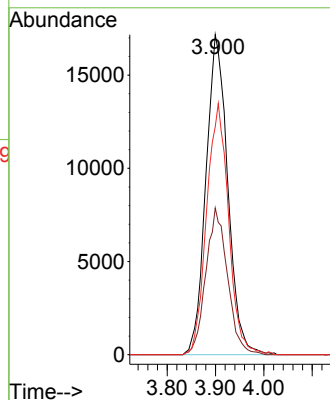
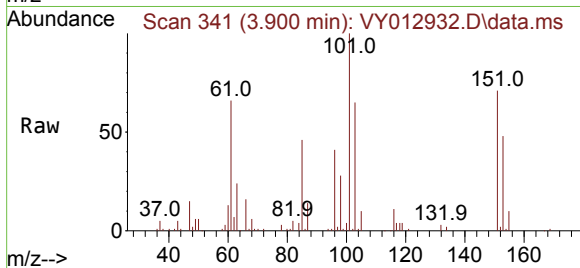


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.844 ug/l
 RT: 3.900 min Scan# 341
 Delta R.T. 0.001 min
 Lab File: VY012932.D
 Acq: 14 Mar 2023 10:32

Instrument :
 MSVOA_Y
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Tgt Ion:101 Resp: 53790

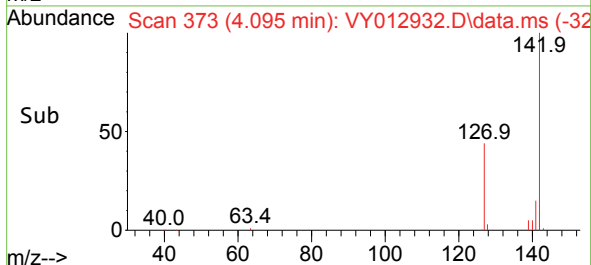
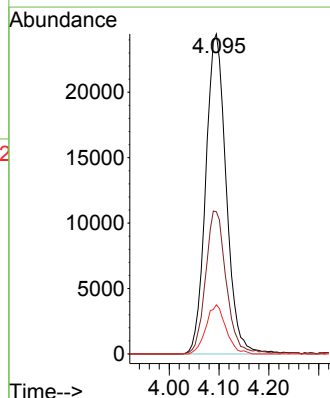
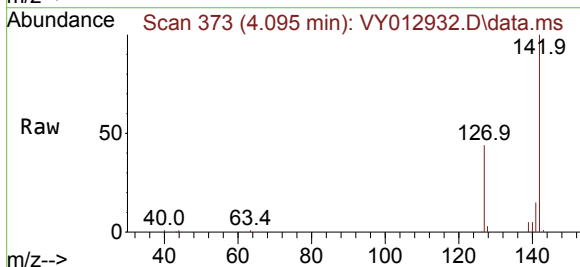
Ion	Ratio	Lower	Upper
101	100		
85	45.5	35.3	52.9
151	78.9	63.1	94.7

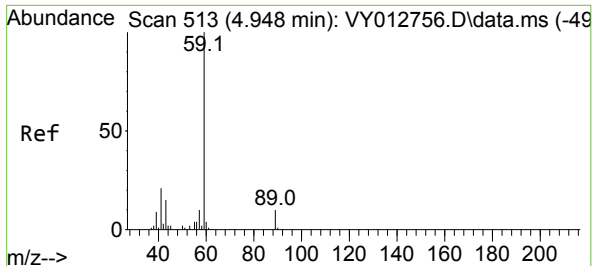


#10
 Methyl Iodide
 Concen: 48.578 ug/l
 RT: 4.095 min Scan# 373
 Delta R.T. 0.007 min
 Lab File: VY012932.D
 Acq: 14 Mar 2023 10:32

Tgt Ion:142 Resp: 69706

Ion	Ratio	Lower	Upper
142	100		
127	45.3	35.4	53.2
141	15.1	11.3	16.9

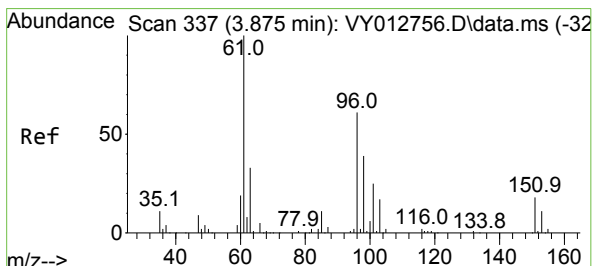
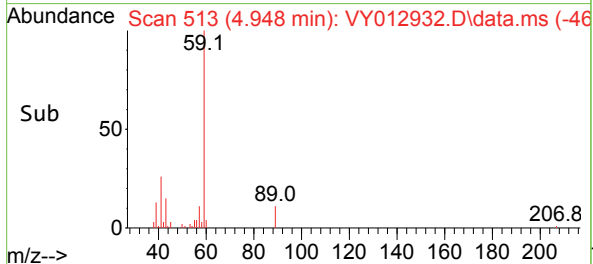
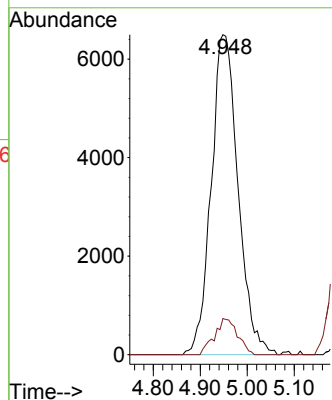
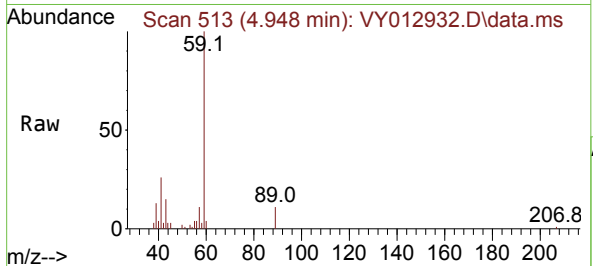




#11
Tert butyl alcohol
Concen: 219.175 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

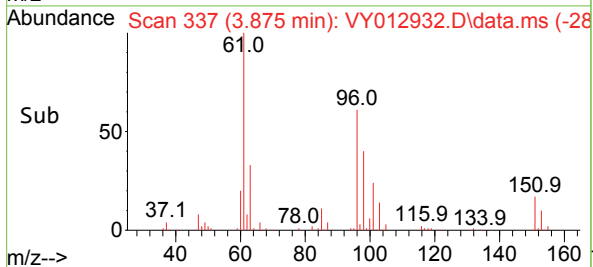
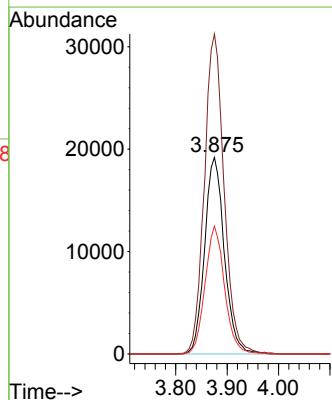
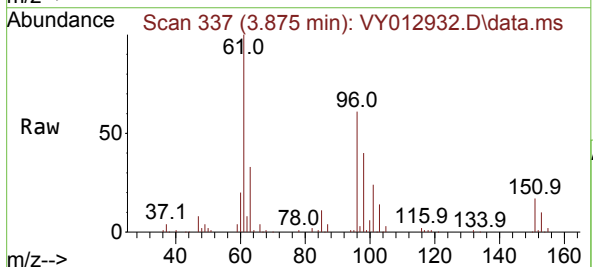
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

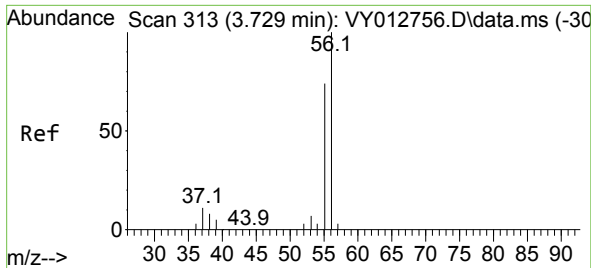
Tgt Ion: 59 Resp: 25815
Ion Ratio Lower Upper
59 100
57 9.7 7.7 11.5



#12
1,1-Dichloroethene
Concen: 48.795 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 96 Resp: 51251
Ion Ratio Lower Upper
96 100
61 162.7 131.7 197.5
98 65.0 52.0 78.0

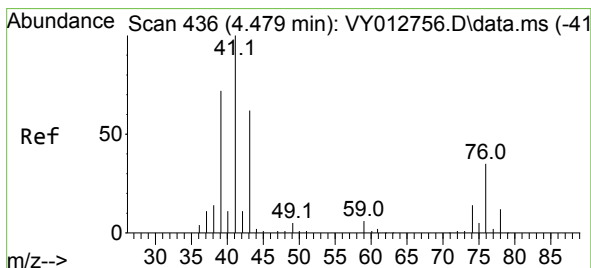
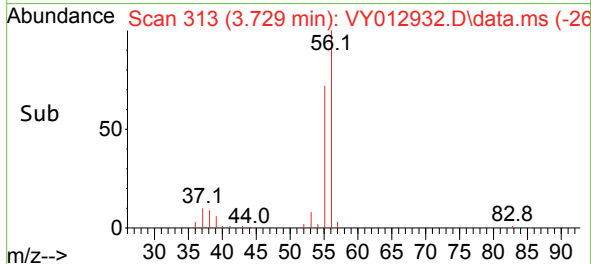
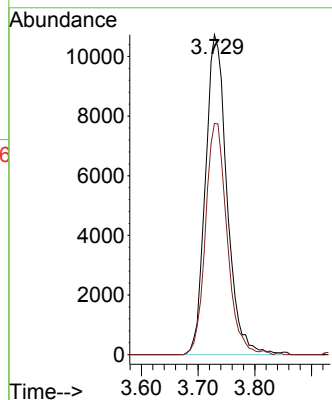
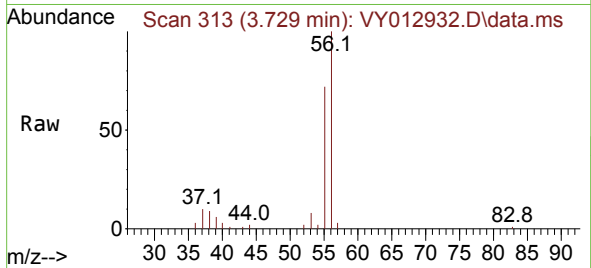




#13
Acrolein
Concen: 159.428 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

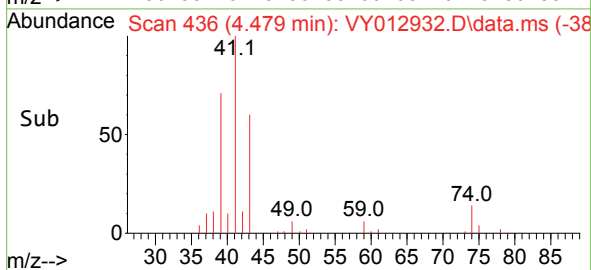
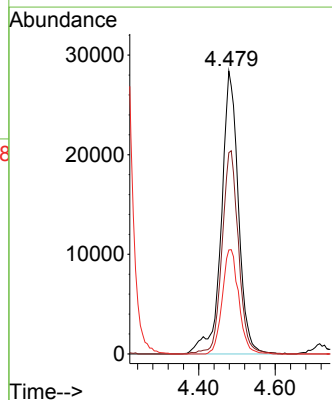
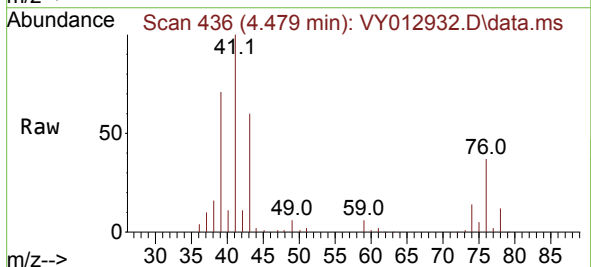
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

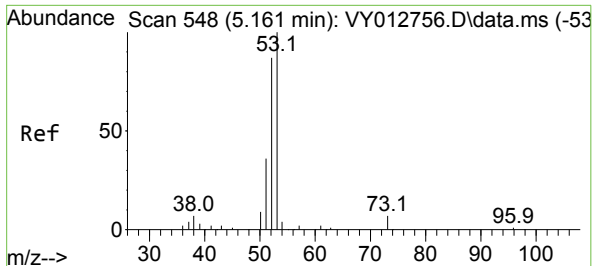
Tgt Ion: 56 Resp: 28286
Ion Ratio Lower Upper
56 100
55 72.2 56.8 85.2



#14
Allyl chloride
Concen: 45.197 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 41 Resp: 87690
Ion Ratio Lower Upper
41 100
39 69.8 53.6 80.4
76 35.8 27.2 40.8

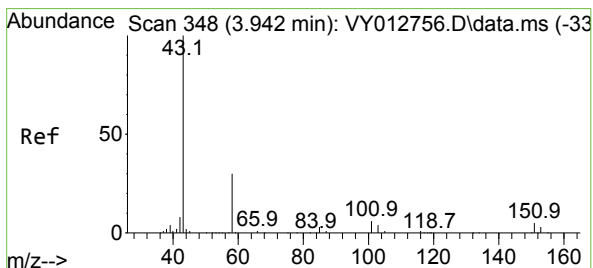
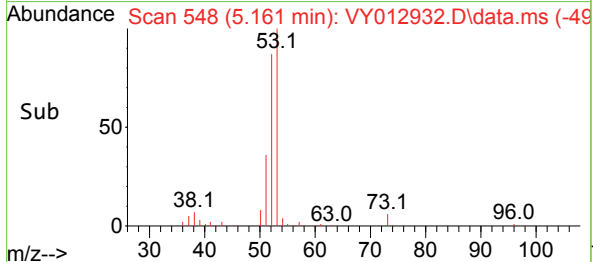
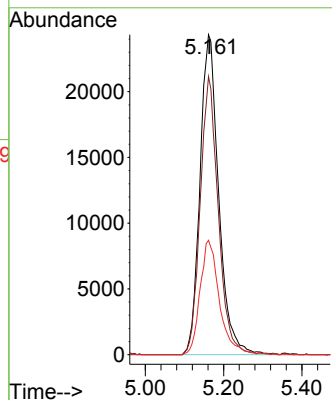
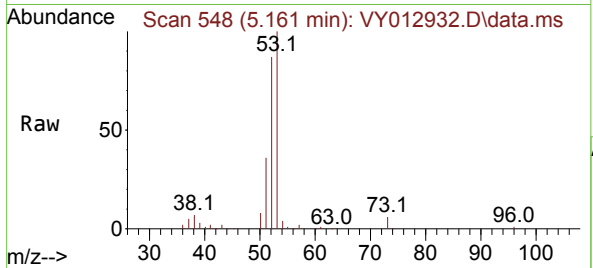




#15
Acrylonitrile
Concen: 239.146 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

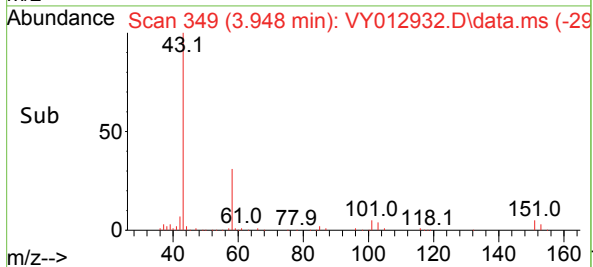
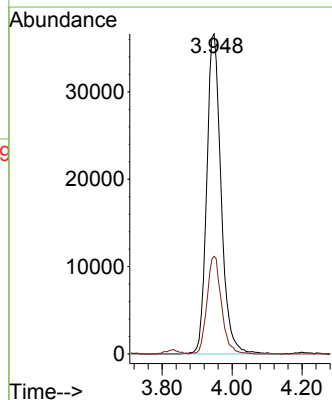
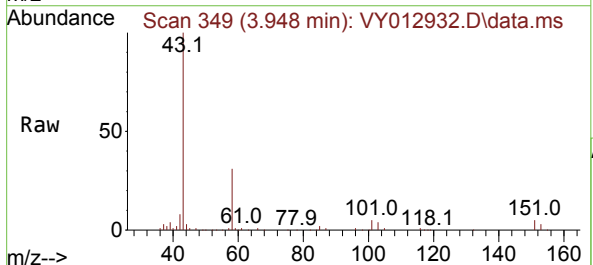
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

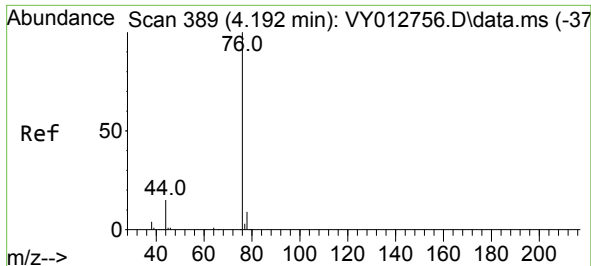
Tgt Ion: 53 Resp: 80827
Ion Ratio Lower Upper
53 100
52 83.6 66.3 99.5
51 36.9 28.8 43.2



#16
Acetone
Concen: 262.393 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 43 Resp: 104298
Ion Ratio Lower Upper
43 100
58 30.5 24.2 36.2

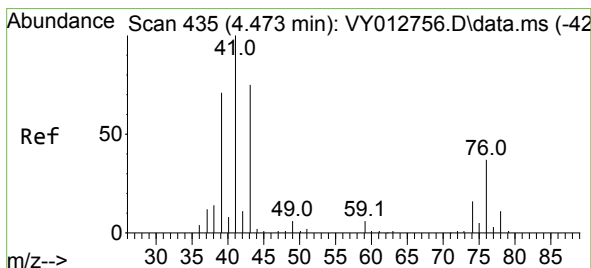
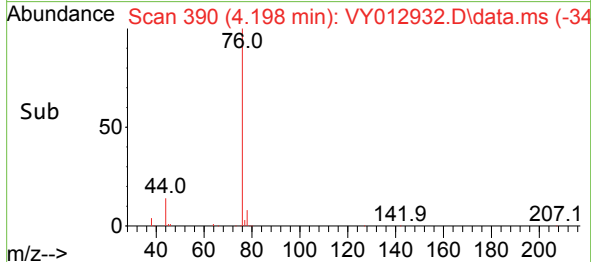
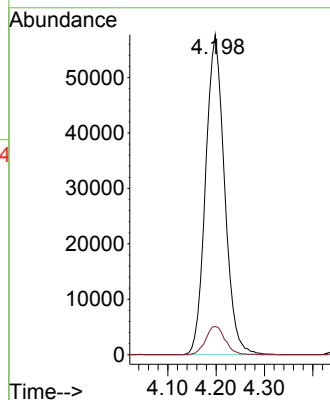
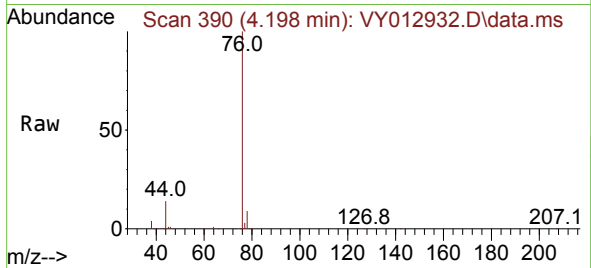




#17
Carbon Disulfide
Concen: 43.884 ug/l
RT: 4.198 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

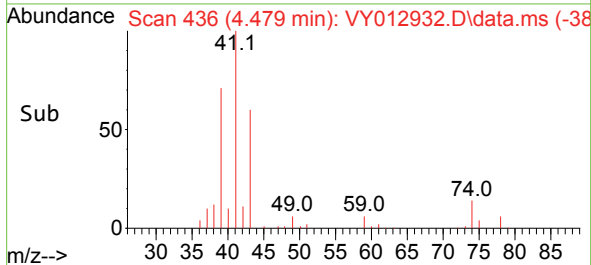
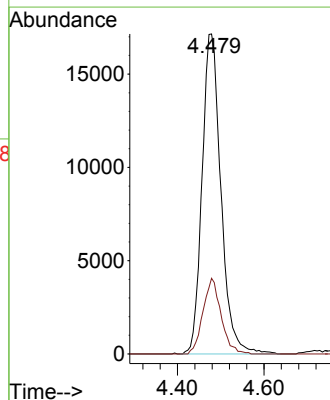
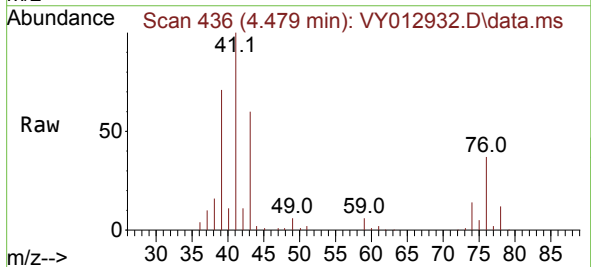
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

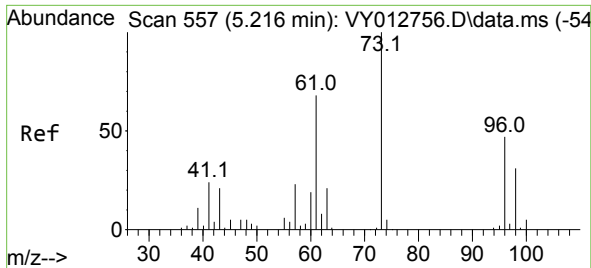
Tgt Ion: 76 Resp: 156890
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#18
Methyl Acetate
Concen: 43.856 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 43 Resp: 51913
Ion Ratio Lower Upper
43 100
74 22.6 17.4 26.0

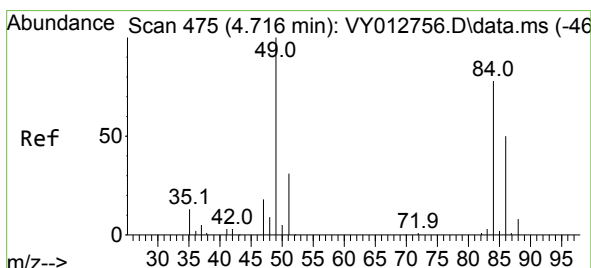
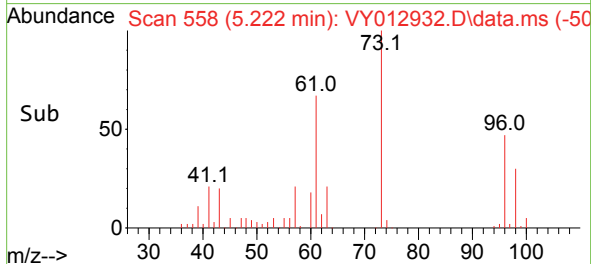
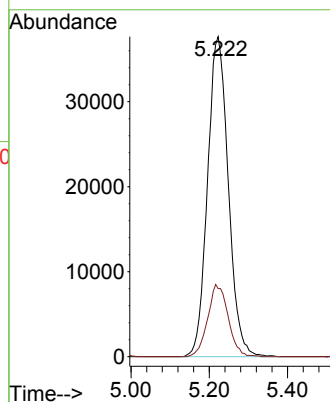
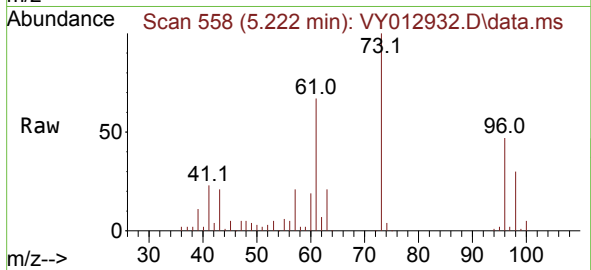




#19
Methyl tert-butyl Ether
Concen: 51.021 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

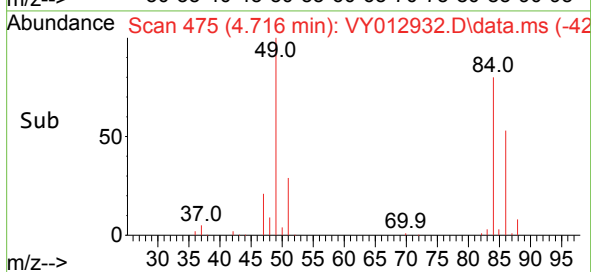
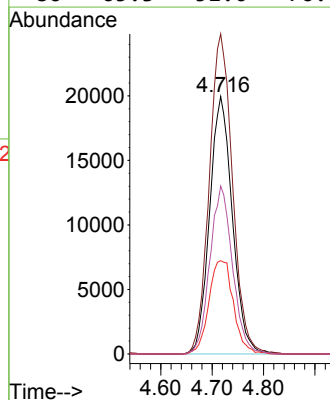
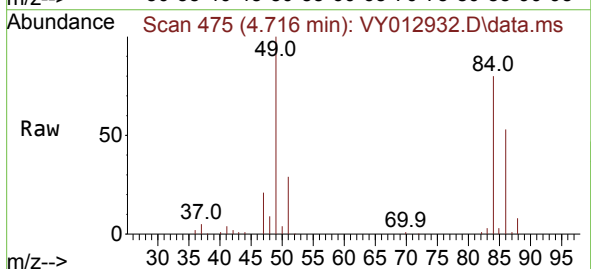
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

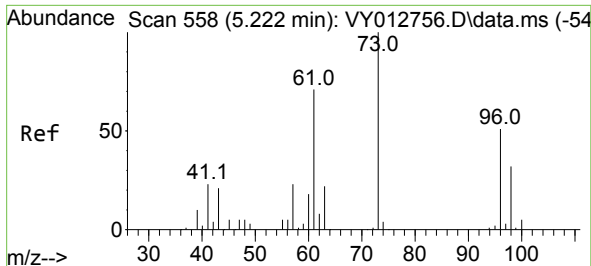
Tgt Ion: 73 Resp: 138418
Ion Ratio Lower Upper
73 100
57 21.3 18.3 27.5



#20
Methylene Chloride
Concen: 50.622 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 84 Resp: 61321
Ion Ratio Lower Upper
84 100
49 124.3 102.6 154.0
51 36.2 31.9 47.9
86 65.3 51.0 76.6

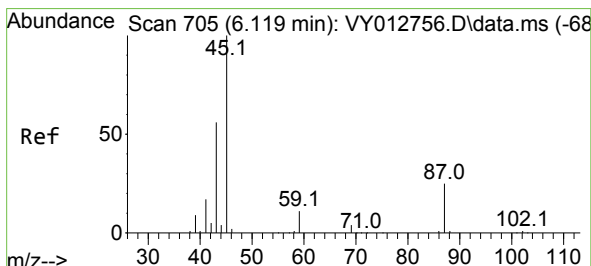
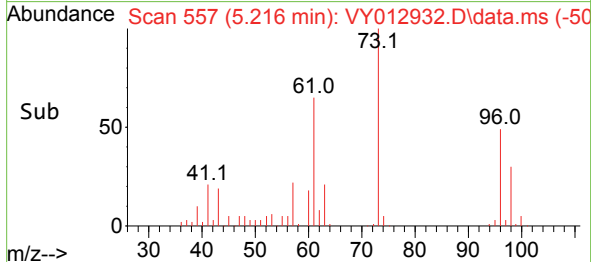
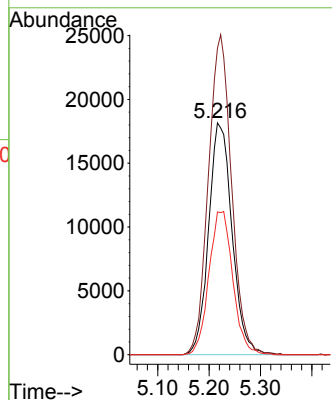
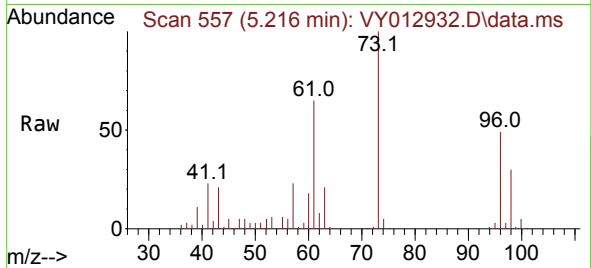




#21
trans-1,2-Dichloroethene
Concen: 50.388 ug/l
RT: 5.216 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

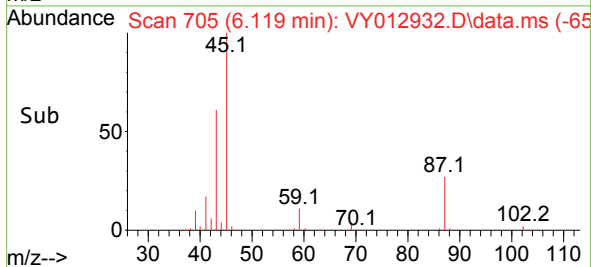
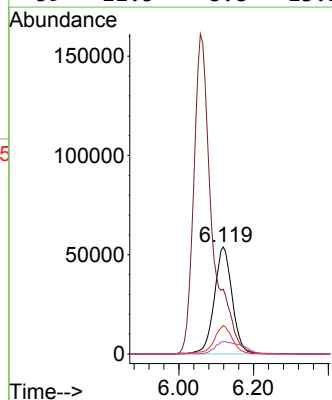
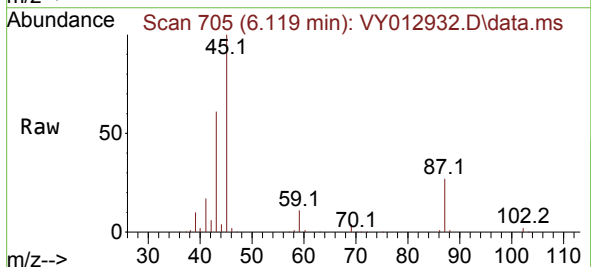
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

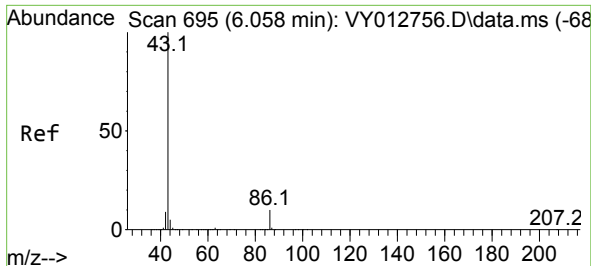
Tgt Ion: 96 Resp: 57513
Ion Ratio Lower Upper
96 100
61 132.2 111.4 167.0
98 61.6 50.8 76.2



#22
Diisopropyl ether
Concen: 50.811 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 45 Resp: 179055
Ion Ratio Lower Upper
45 100
43 60.1 45.0 67.6
87 26.6 20.3 30.5
59 11.5 8.8 13.2

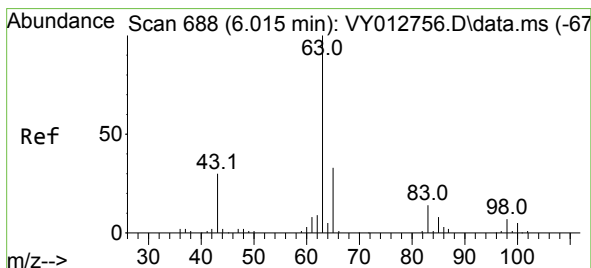
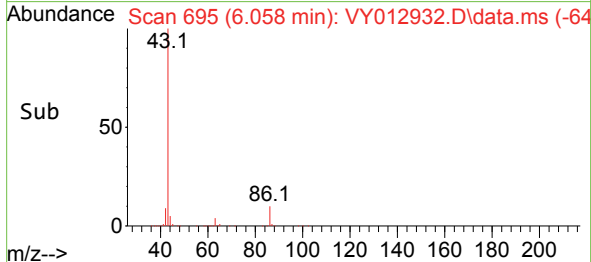
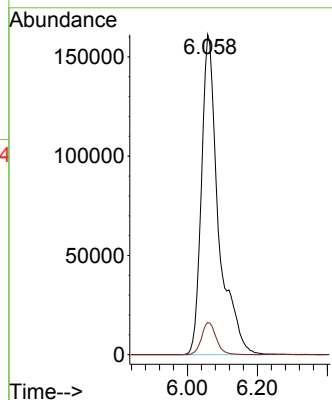
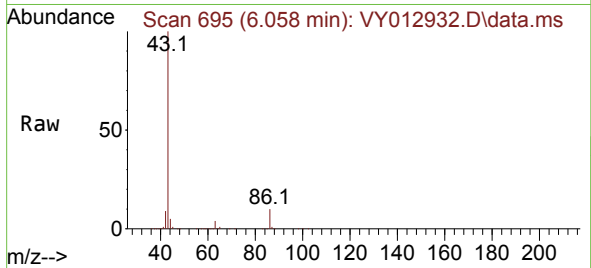




#23
 Vinyl Acetate
 Concen: 249.092 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY012932.D
 Acq: 14 Mar 2023 10:32

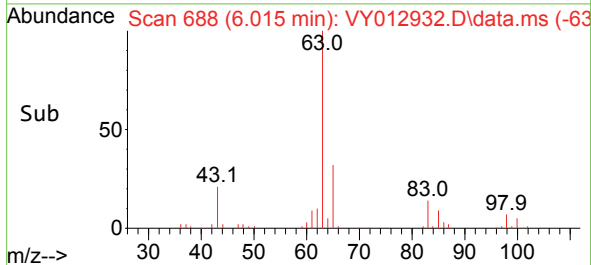
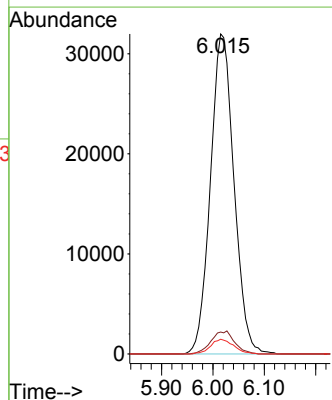
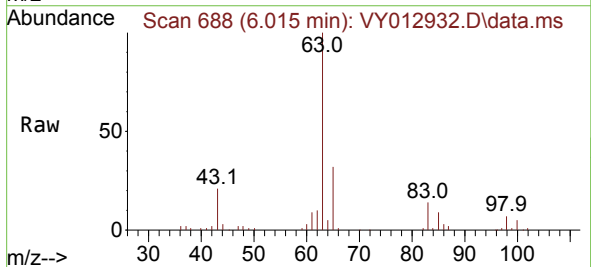
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

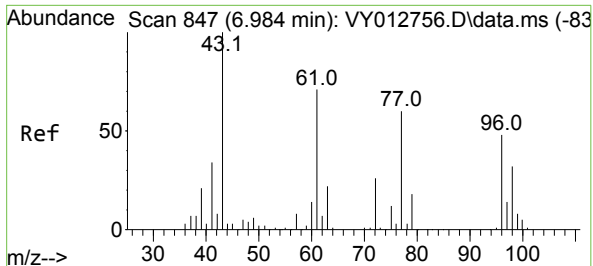
Tgt Ion: 43 Resp: 545399
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.674 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY012932.D
 Acq: 14 Mar 2023 10:32

Tgt Ion: 63 Resp: 101754
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.7 11.1
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 252.124 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

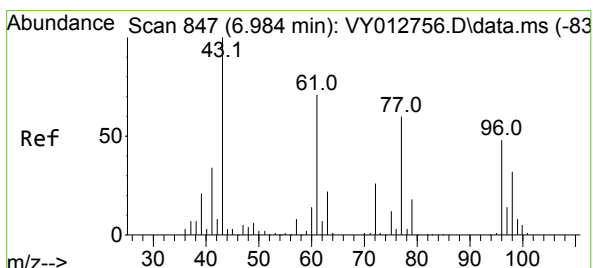
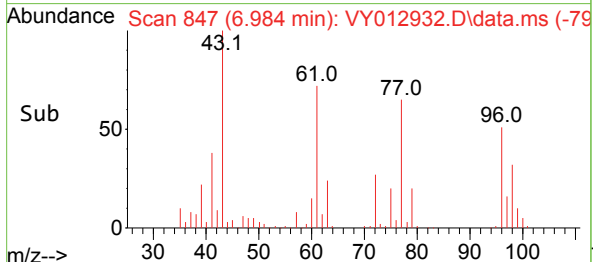
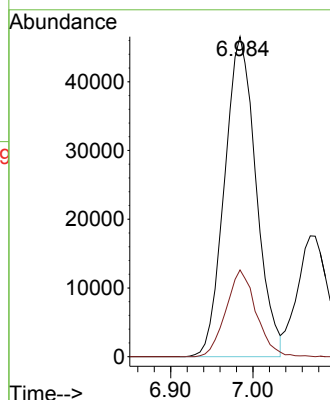
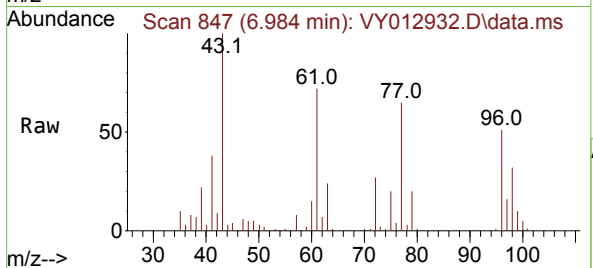
VSTDCCC050

Tgt Ion: 43 Resp: 124126

Ion Ratio Lower Upper

43 100

72 27.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 51.845 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012932.D

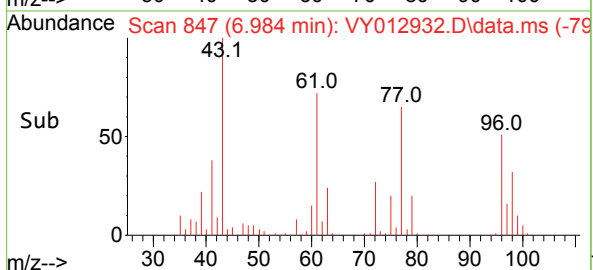
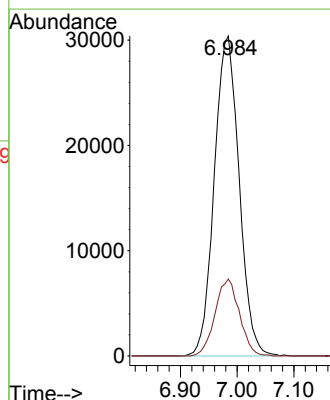
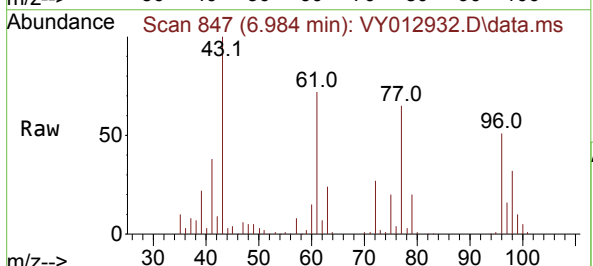
Acq: 14 Mar 2023 10:32

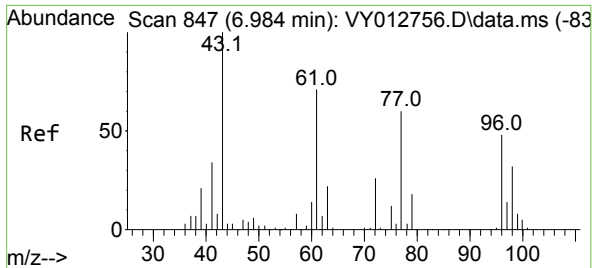
Tgt Ion: 77 Resp: 92463

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0

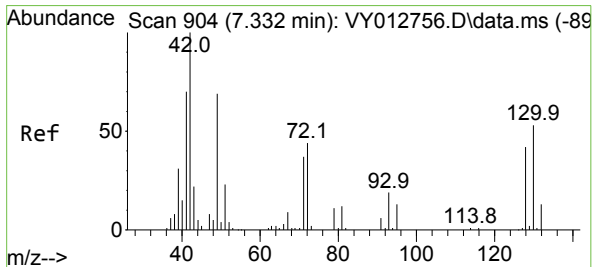
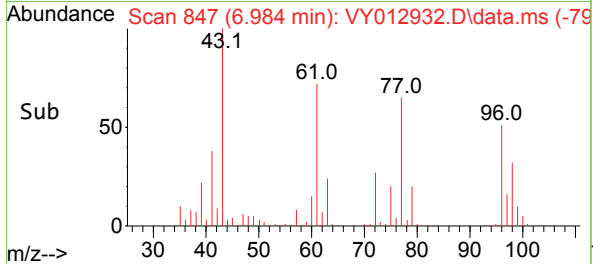
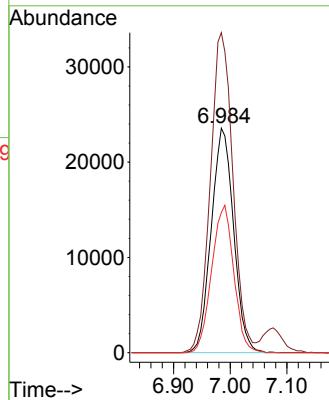
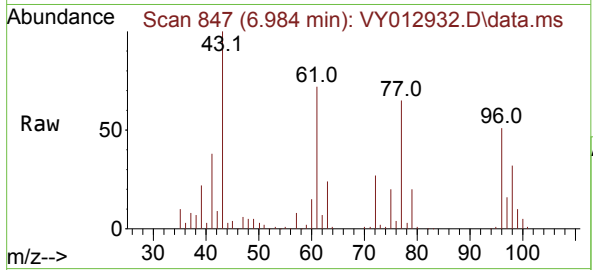




#27
 cis-1,2-Dichloroethene
 Concen: 52.774 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY012932.D
 Acq: 14 Mar 2023 10:32

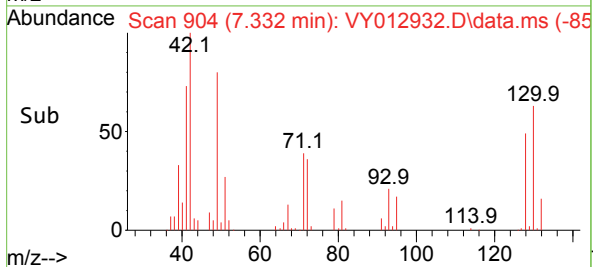
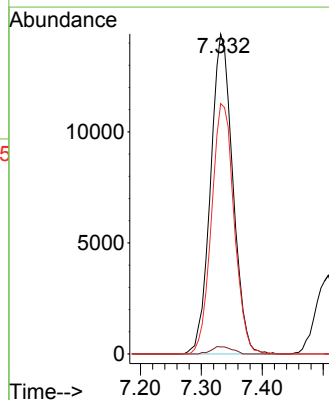
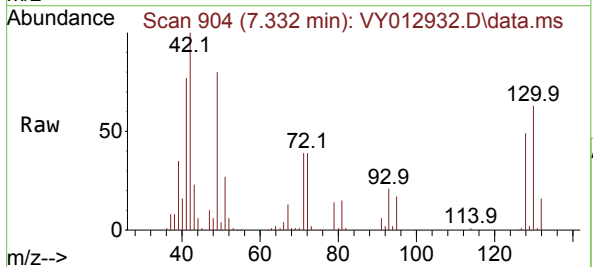
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 64581
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 295.8
 98 64.9 0.0 130.2



#28
 Bromochloromethane
 Concen: 49.823 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY012932.D
 Acq: 14 Mar 2023 10:32

Tgt Ion: 49 Resp: 36561
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 79.4 60.5 90.7





#29

Tetrahydrofuran

Concen: 235.864 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

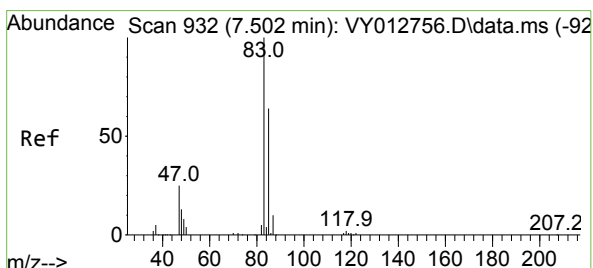
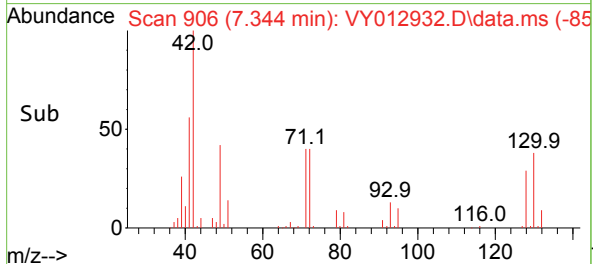
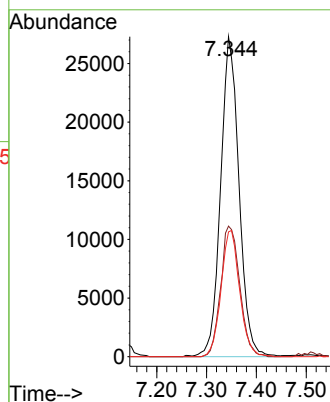
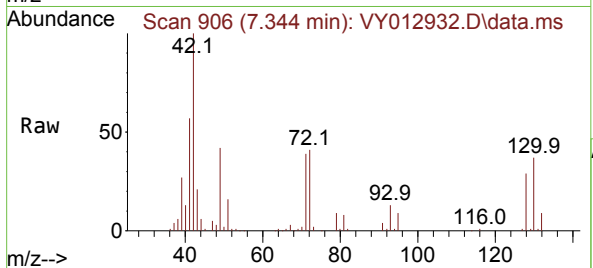
Tgt Ion: 42 Resp: 70035

Ion Ratio Lower Upper

42 100

72 42.3 32.3 48.5

71 39.8 30.3 45.5



#30

Chloroform

Concen: 53.253 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.001 min

Lab File: VY012932.D

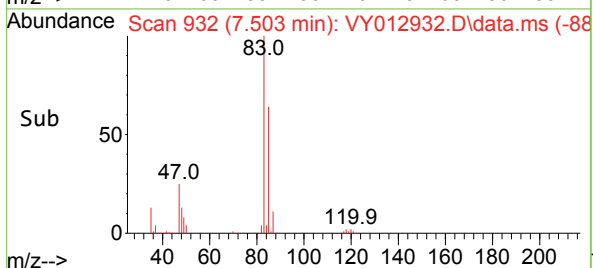
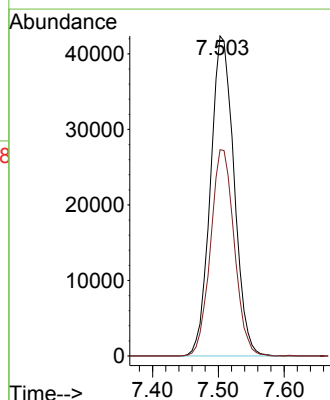
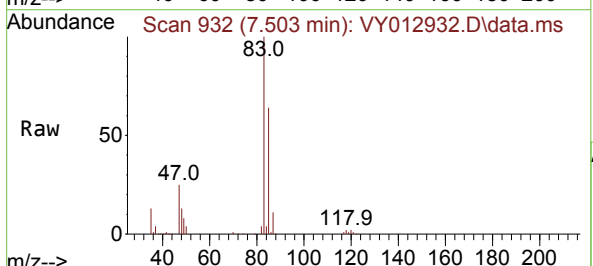
Acq: 14 Mar 2023 10:32

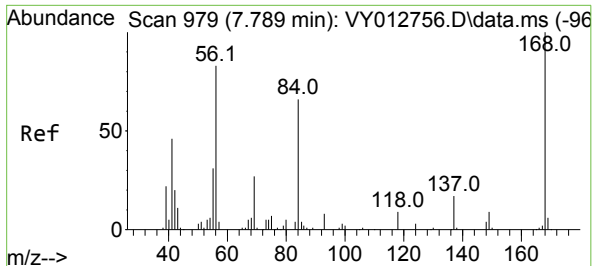
Tgt Ion: 83 Resp: 105625

Ion Ratio Lower Upper

83 100

85 64.5 51.4 77.0





#31

Cyclohexane

Concen: 44.646 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

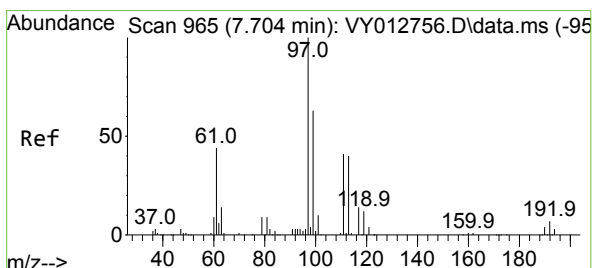
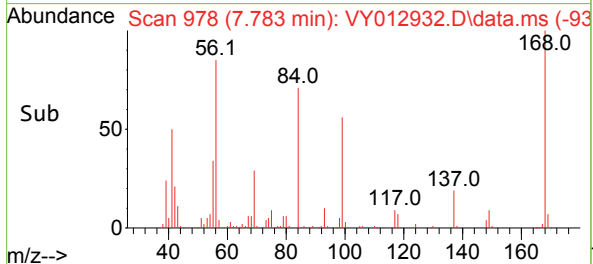
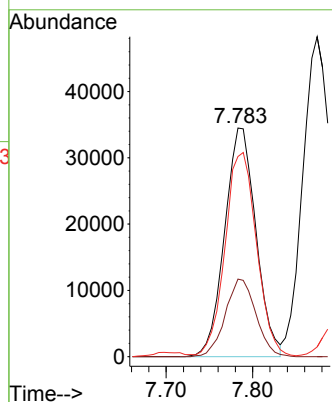
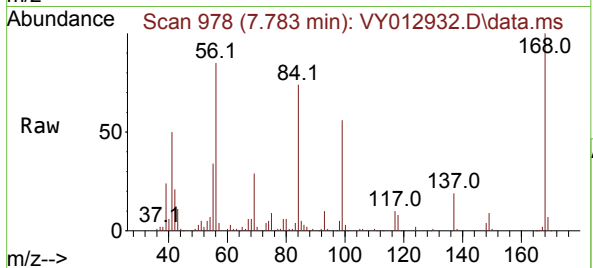
Tgt Ion: 56 Resp: 86590

Ion Ratio Lower Upper

56 100

69 33.9 25.7 38.5

84 85.8 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 51.921 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

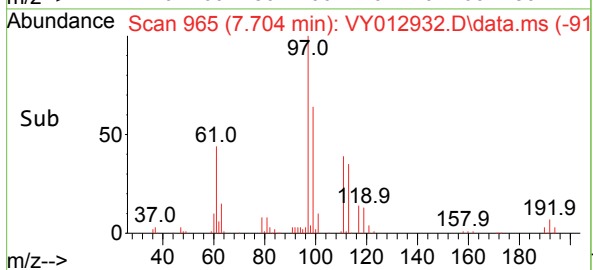
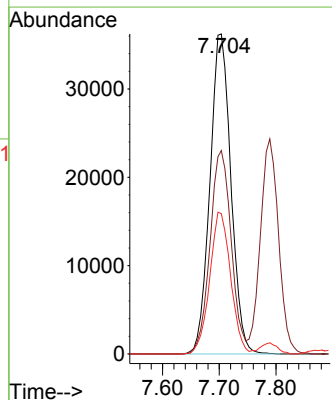
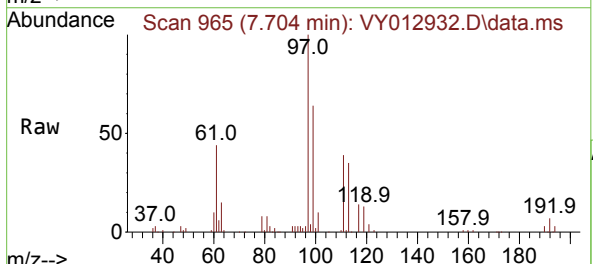
Tgt Ion: 97 Resp: 93130

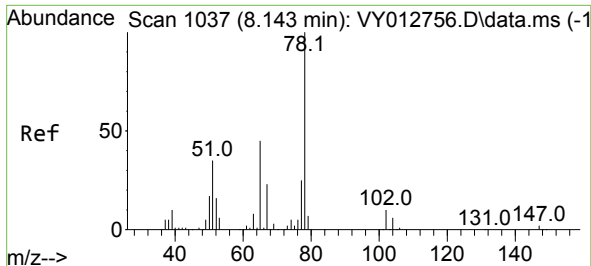
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 44.1 34.5 51.7

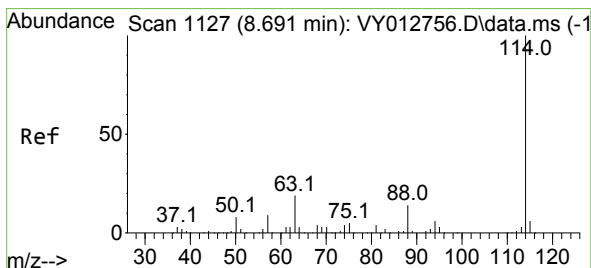
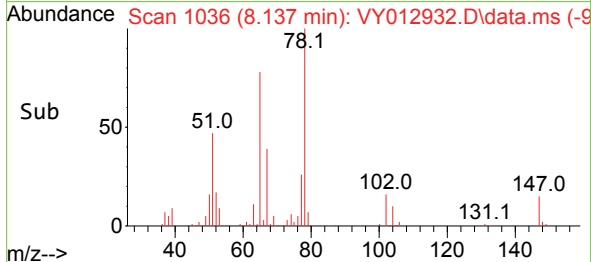
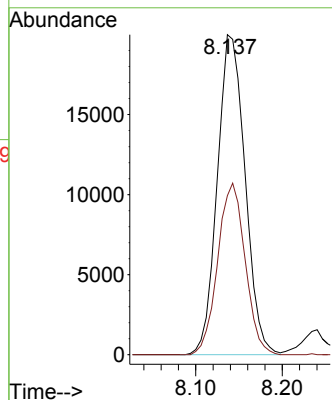
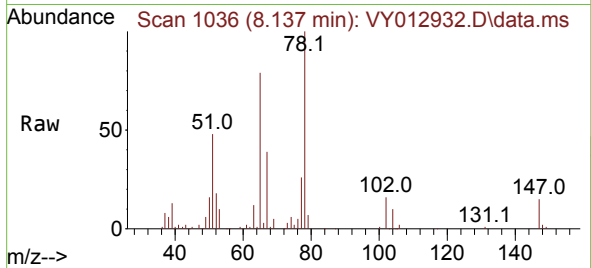




#33
 1,2-Dichloroethane-d4
 Concen: 43.975 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY012932.D
 Acq: 14 Mar 2023 10:32

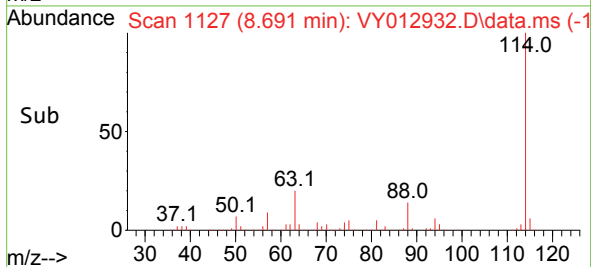
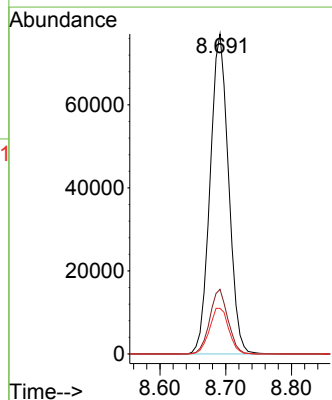
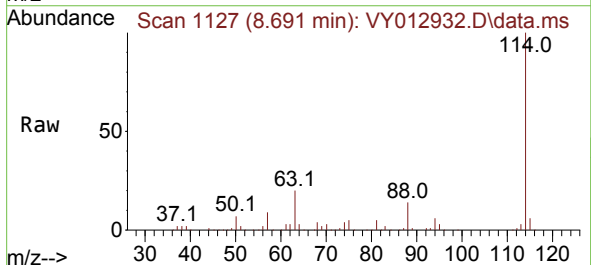
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 44533
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012932.D
 Acq: 14 Mar 2023 10:32

Tgt Ion: 114 Resp: 150043
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.4
 88 14.3 0.0 28.6

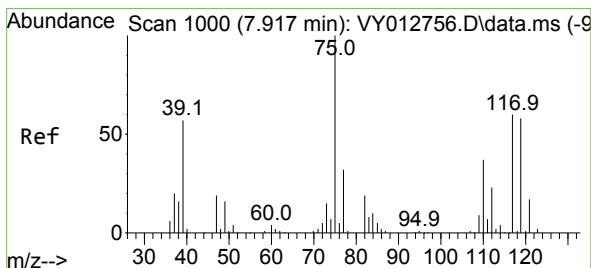
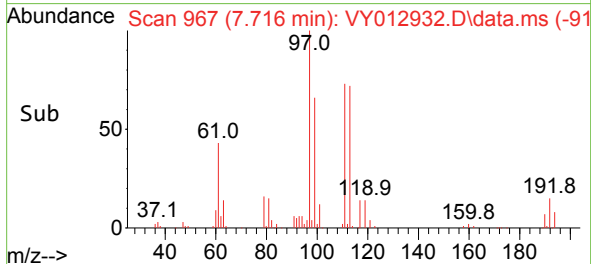
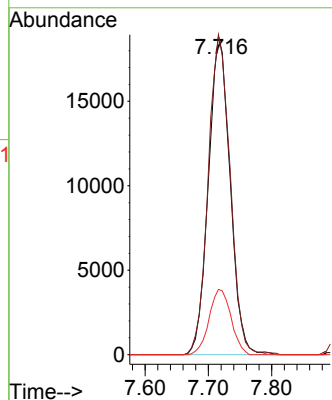
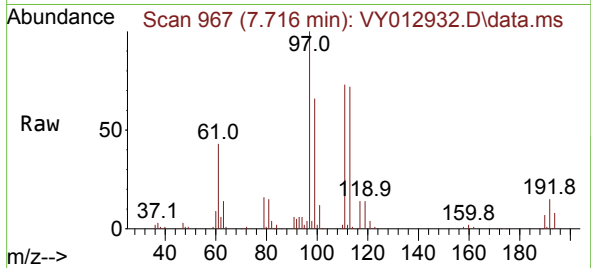




#35
Dibromofluoromethane
Concen: 49.352 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

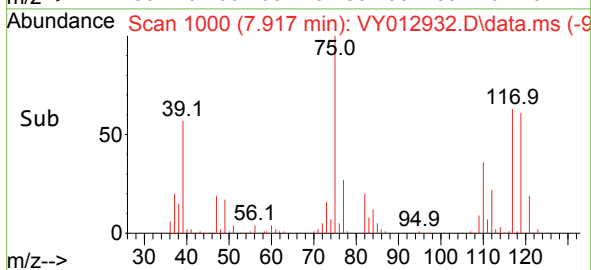
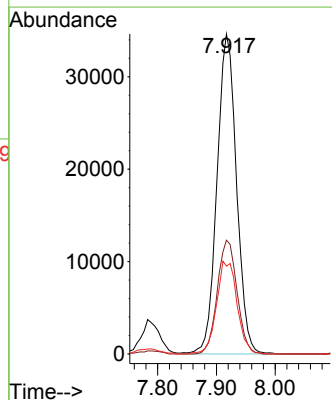
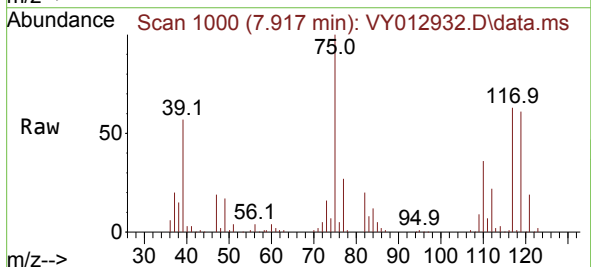
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

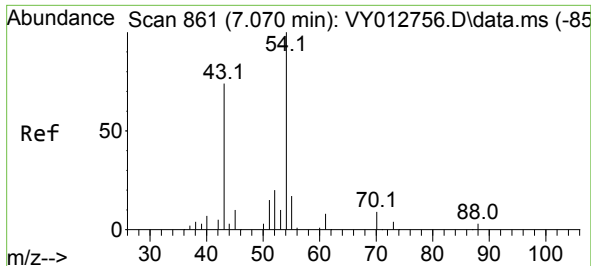
Tgt Ion:113 Resp: 44689
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 52.657 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 75 Resp: 79903
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.3
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 49.729 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

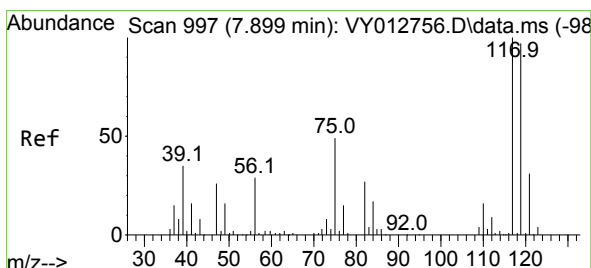
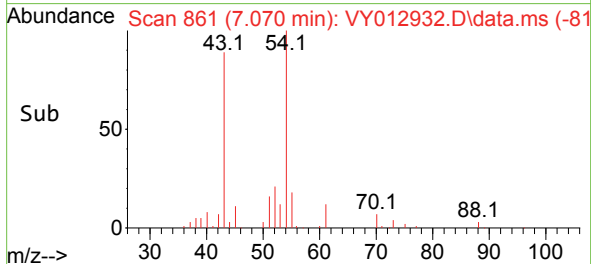
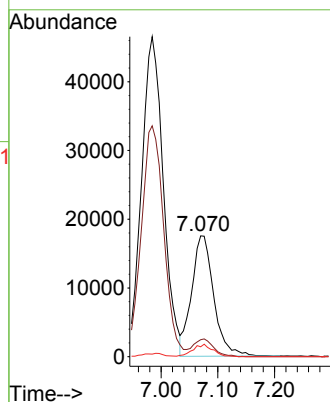
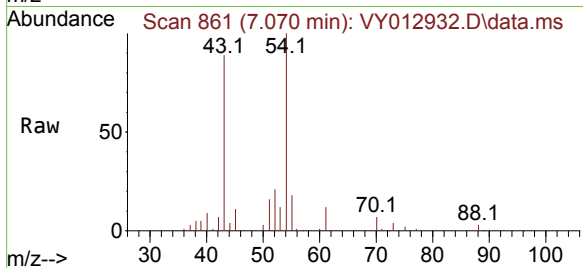
Tgt Ion: 43 Resp: 47561

Ion Ratio Lower Upper

43 100

61 13.5 10.7 16.1

70 9.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 55.137 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

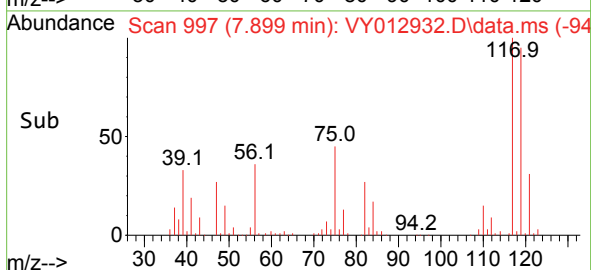
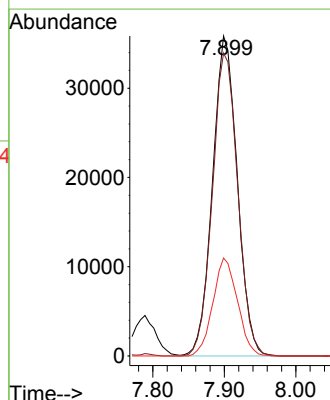
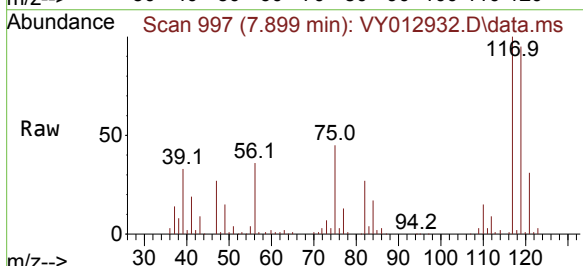
Tgt Ion: 117 Resp: 86400

Ion Ratio Lower Upper

117 100

119 94.6 77.2 115.8

121 30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 51.003 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

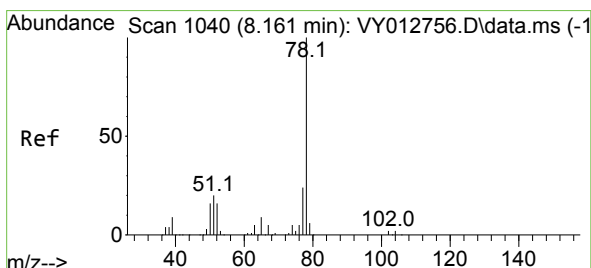
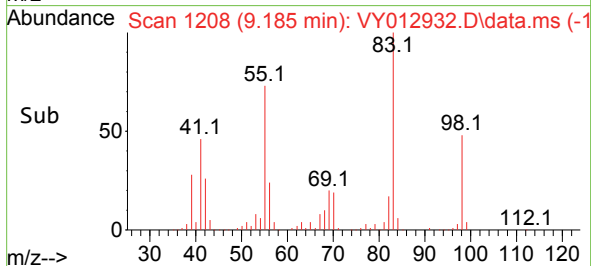
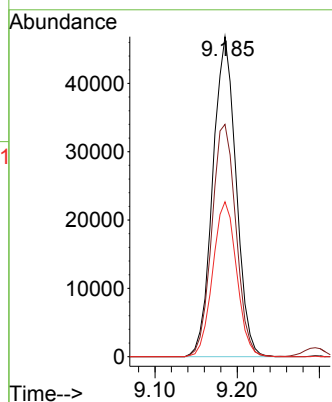
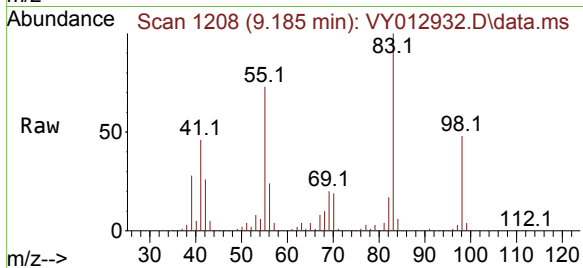
Tgt Ion: 83 Resp: 92012

Ion Ratio Lower Upper

83 100

55 72.6 60.0 90.0

98 48.4 38.3 57.5



#40

Benzene

Concen: 53.775 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY012932.D

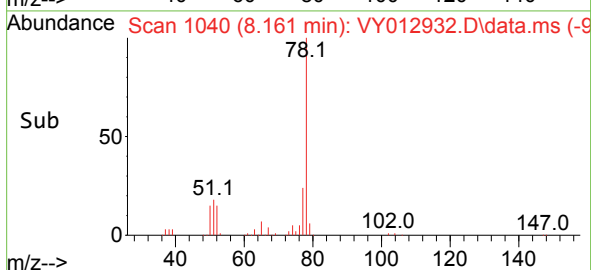
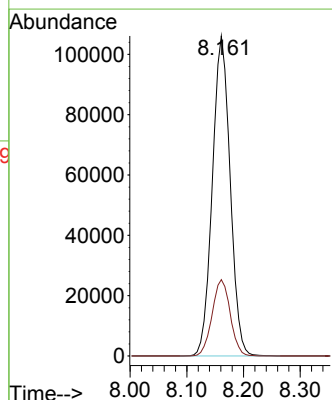
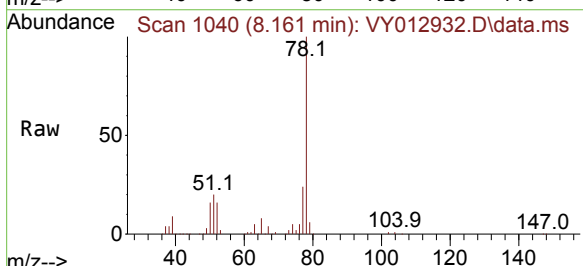
Acq: 14 Mar 2023 10:32

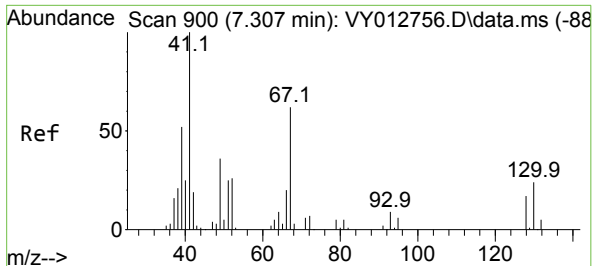
Tgt Ion: 78 Resp: 230825

Ion Ratio Lower Upper

78 100

77 23.8 19.4 29.0

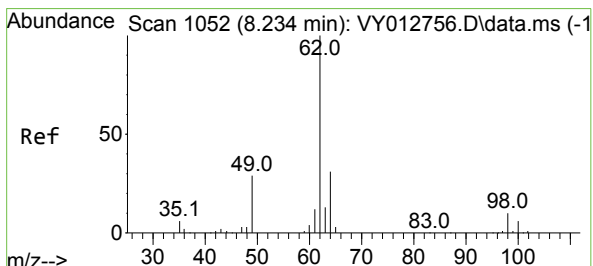
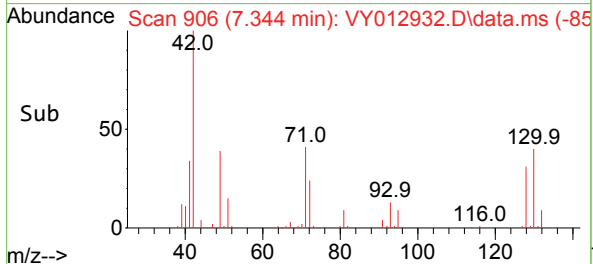
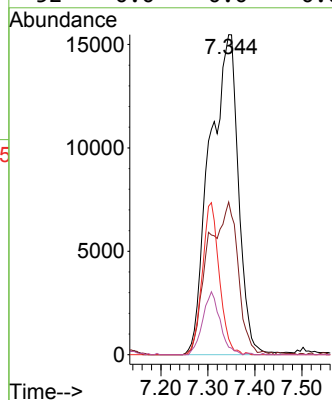
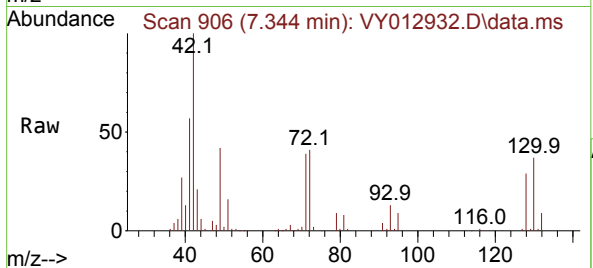




#41
Methacrylonitrile
Concen: 127.065 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

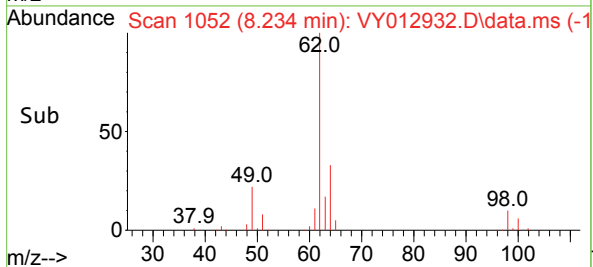
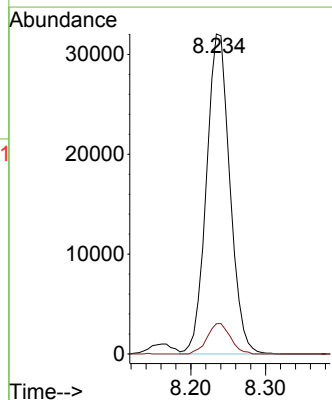
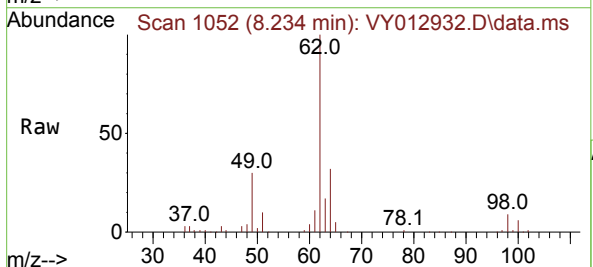
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

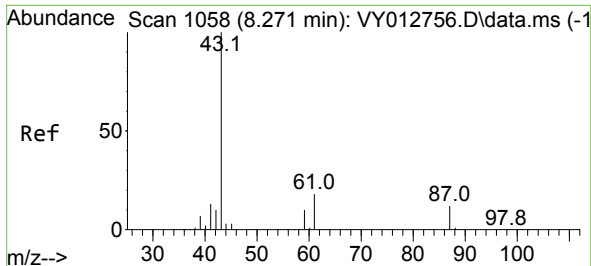
Tgt Ion:	41	Resp:	65475
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 54.228 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion:	62	Resp:	69981
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.8

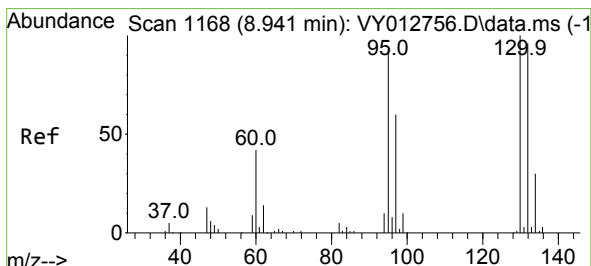
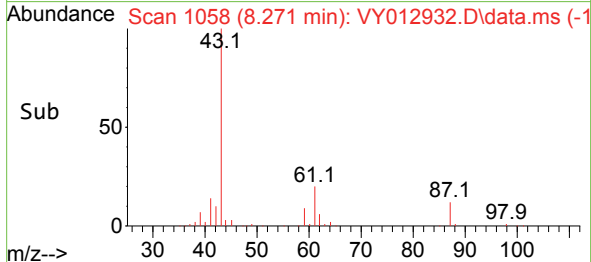
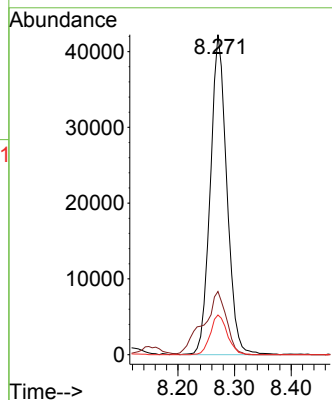
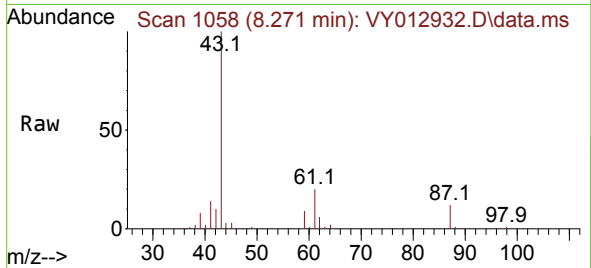




#43
Isopropyl Acetate
Concen: 50.020 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

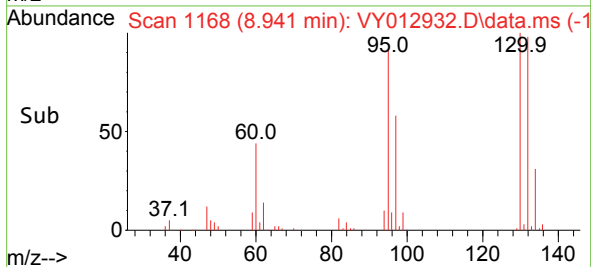
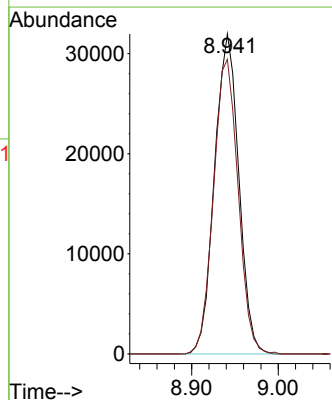
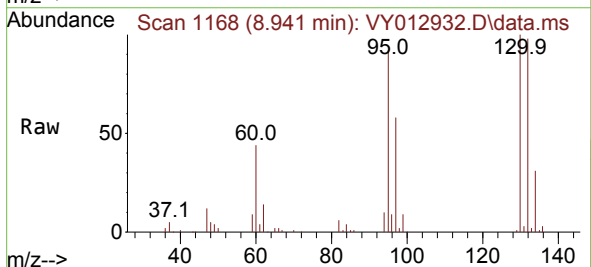
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

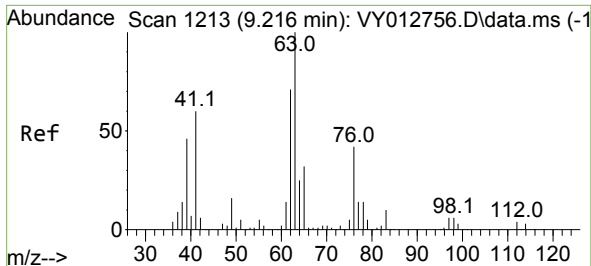
Tgt Ion: 43 Resp: 85353
Ion Ratio Lower Upper
43 100
61 27.7 21.6 32.4
87 12.7 9.9 14.9



#44
Trichloroethene
Concen: 54.955 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion:130 Resp: 62193
Ion Ratio Lower Upper
130 100
95 92.1 0.0 185.0





#45

1,2-Dichloropropane

Concen: 52.809 ug/l

RT: 9.216 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

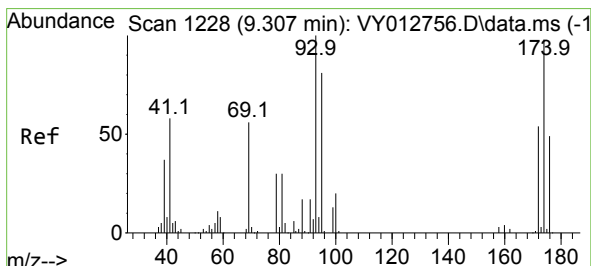
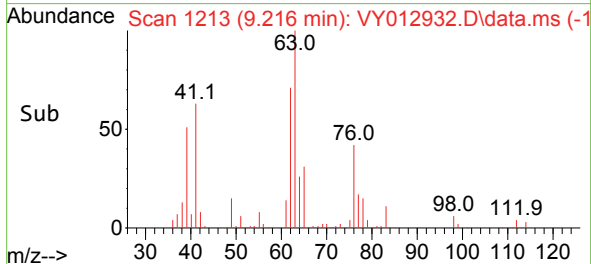
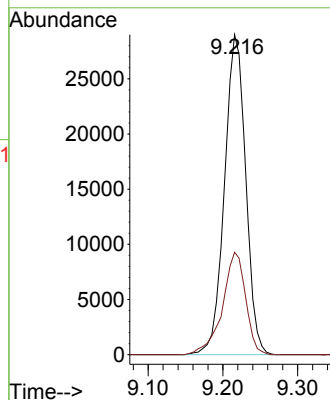
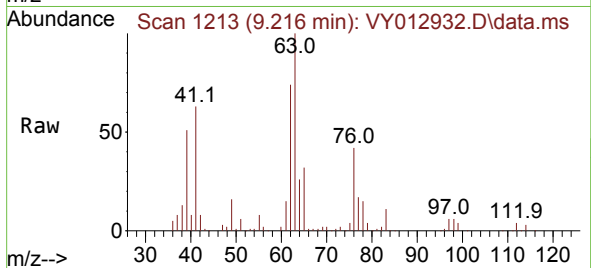
VSTDCCC050

Tgt Ion: 63 Resp: 57287

Ion Ratio Lower Upper

63 100

65 32.0 25.7 38.5



#46

Dibromomethane

Concen: 55.387 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

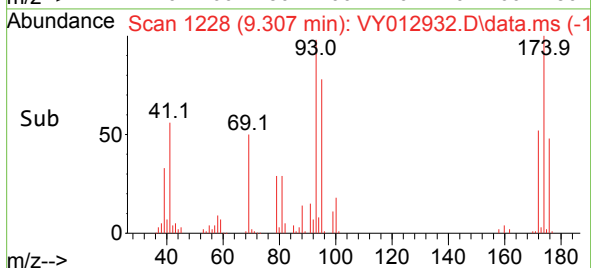
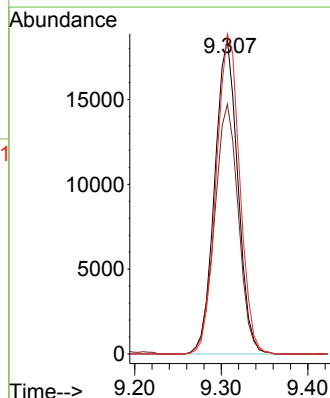
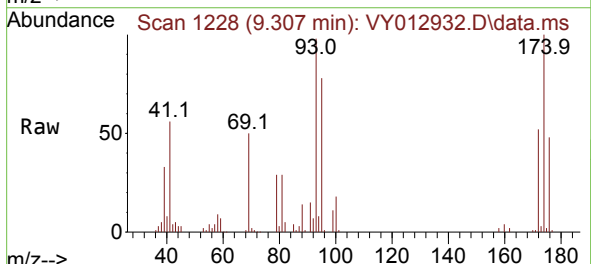
Tgt Ion: 93 Resp: 34230

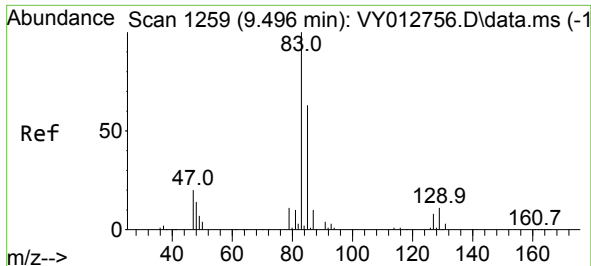
Ion Ratio Lower Upper

93 100

95 82.2 65.6 98.4

174 103.7 81.3 121.9

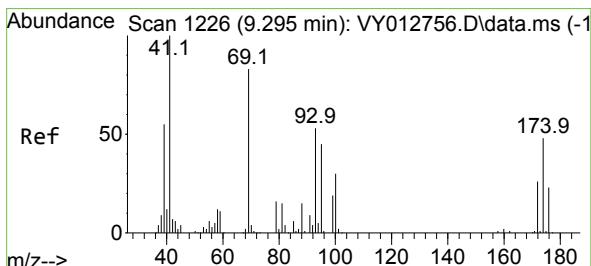
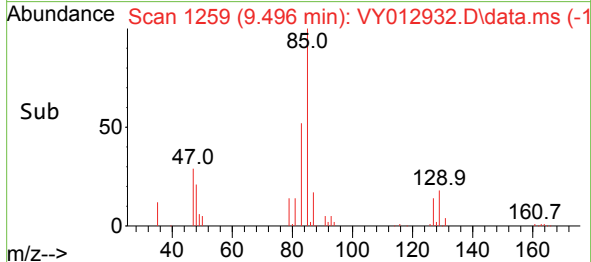
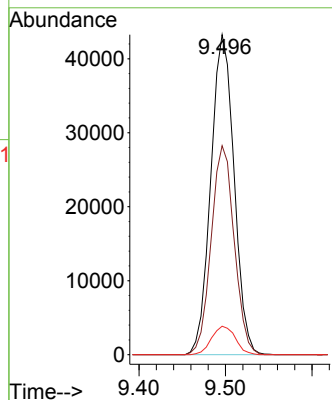
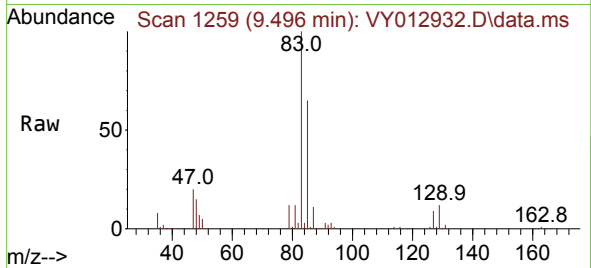




#47
Bromodichloromethane
Concen: 55.390 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

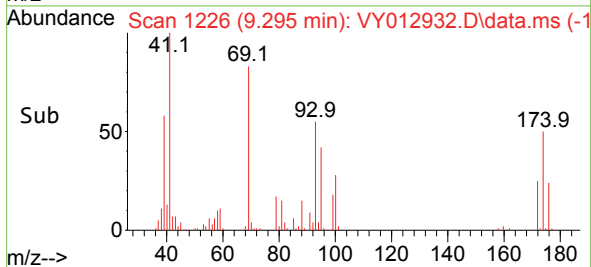
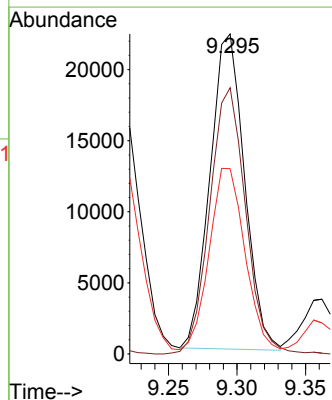
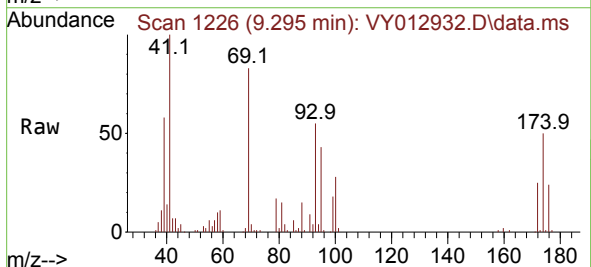
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

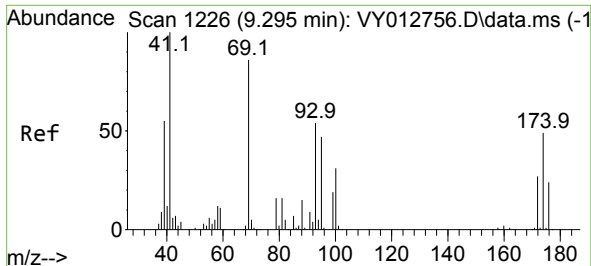
Tgt Ion: 83 Resp: 80669
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 49.306 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 41 Resp: 38767
Ion Ratio Lower Upper
41 100
69 88.0 64.1 96.1
39 59.5 44.0 66.0





#49

1,4-Dioxane

Concen: 1073.300 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

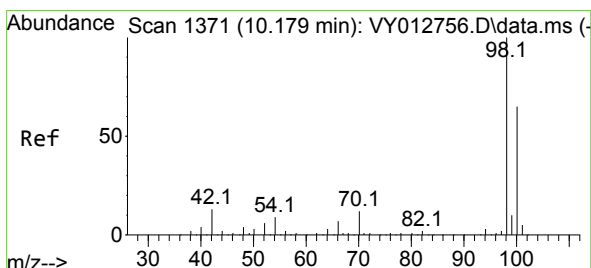
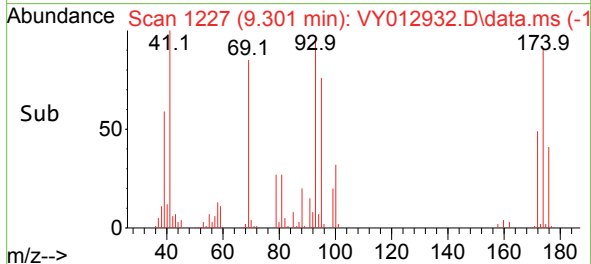
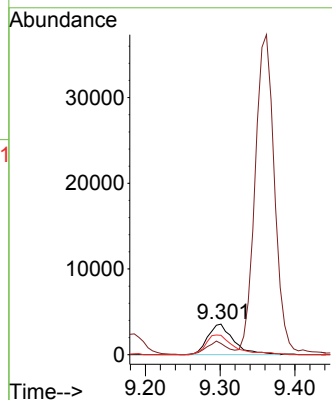
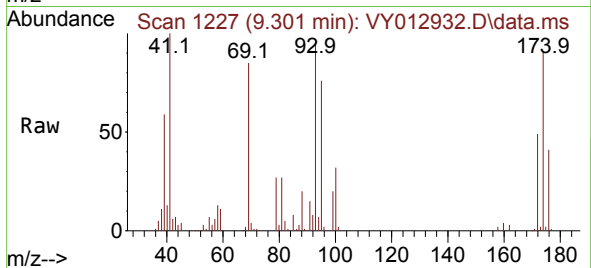
Tgt Ion: 88 Resp: 8575

Ion Ratio Lower Upper

88 100

43 34.6 28.6 42.8

58 70.6 55.2 82.8



#50

Toluene-d8

Concen: 46.587 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY012932.D

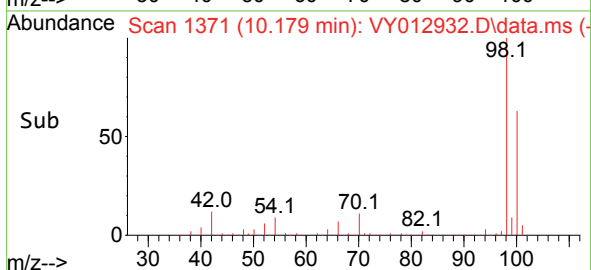
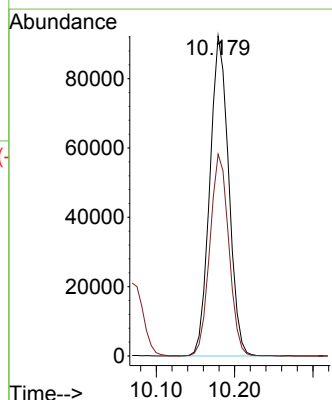
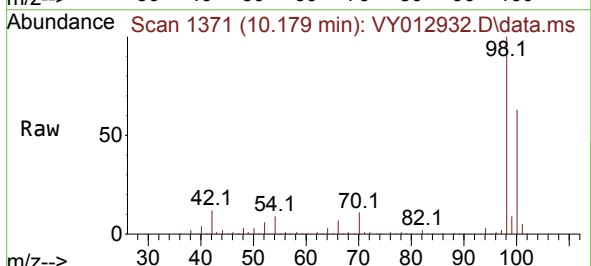
Acq: 14 Mar 2023 10:32

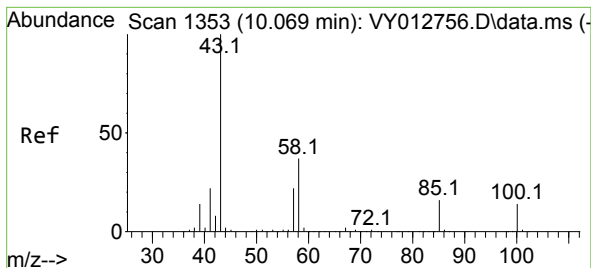
Tgt Ion: 98 Resp: 154220

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3

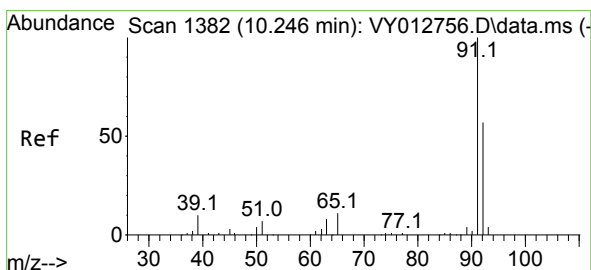
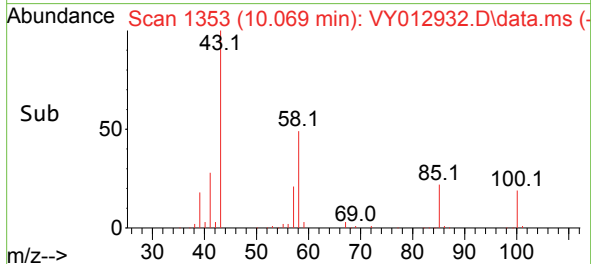
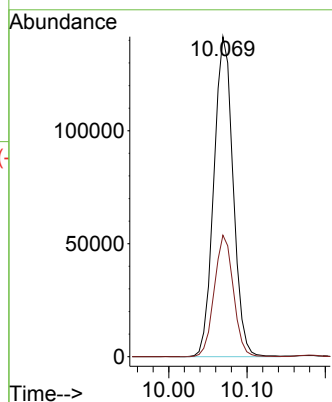
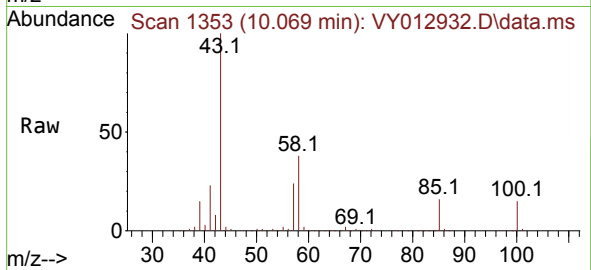




#51
4-Methyl-2-Pentanone
Concen: 261.722 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

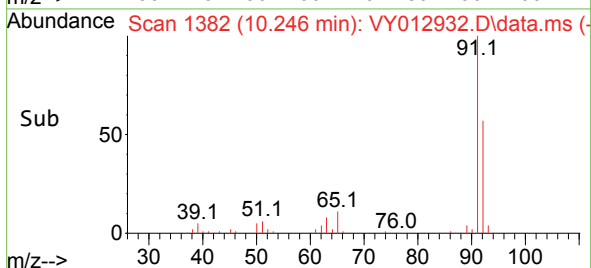
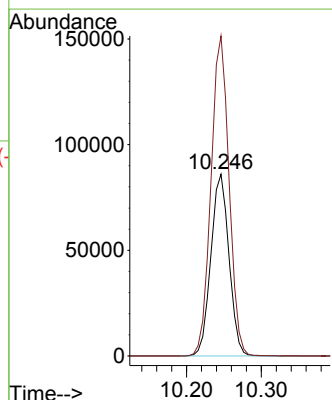
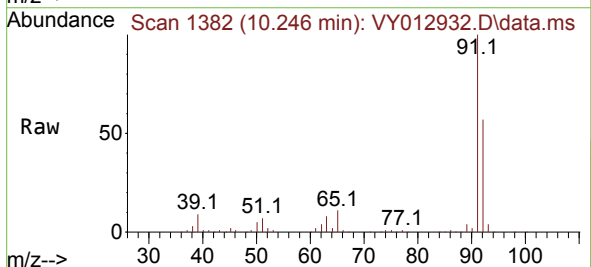
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

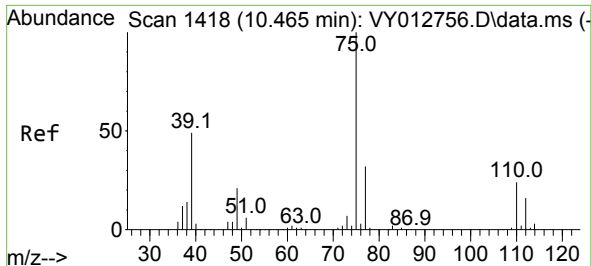
Tgt Ion: 43 Resp: 242248
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.6



#52
Toluene
Concen: 55.925 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 92 Resp: 144772
Ion Ratio Lower Upper
92 100
91 175.7 141.3 211.9

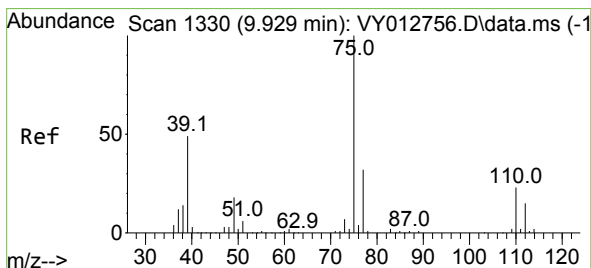
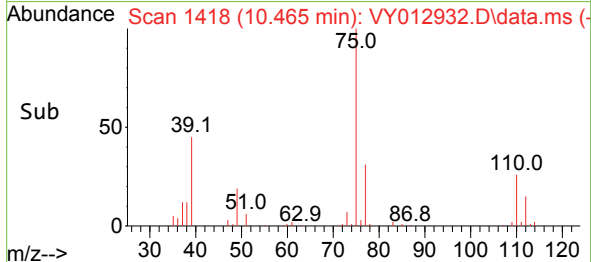
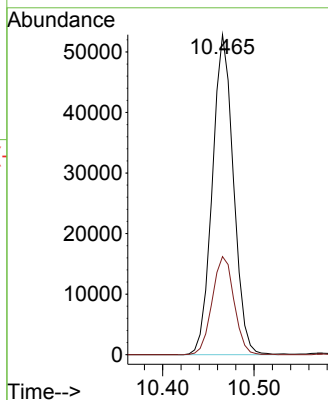
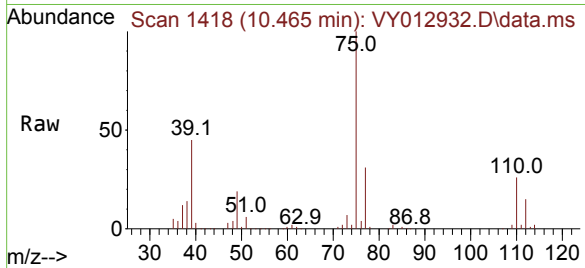




#53
t-1,3-Dichloropropene
Concen: 55.468 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

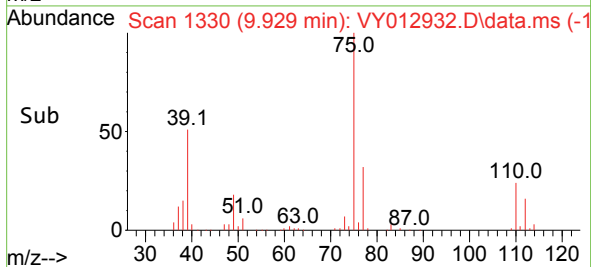
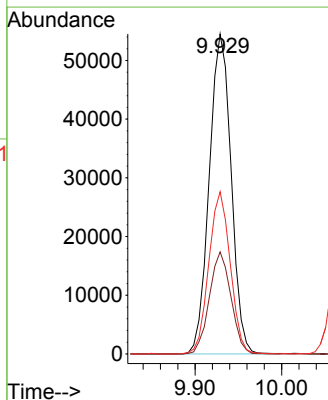
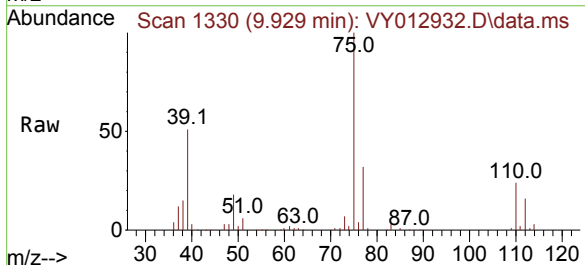
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

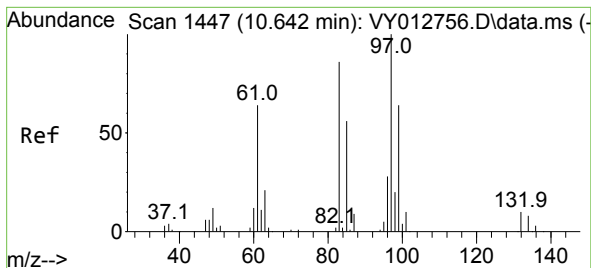
Tgt Ion: 75 Resp: 84733
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 55.366 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 75 Resp: 95729
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 50.7 39.0 58.4





#55

1,1,2-Trichloroethane

Concen: 55.344 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 47633

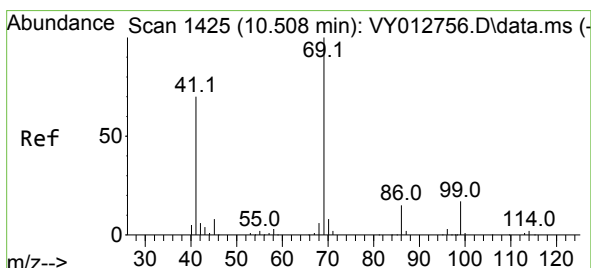
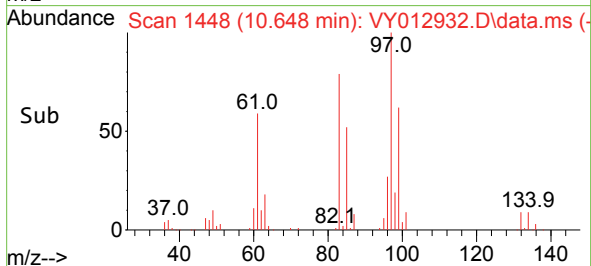
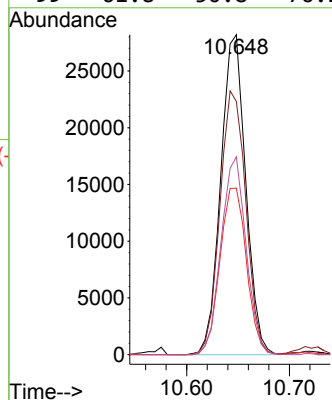
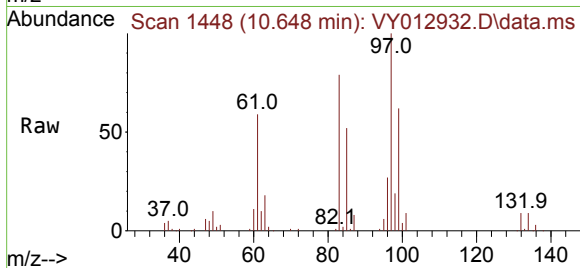
Ion Ratio Lower Upper

97 100

83 79.1 69.0 103.6

85 52.0 44.9 67.3

99 61.8 50.8 76.2



#56

Ethyl methacrylate

Concen: 55.676 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

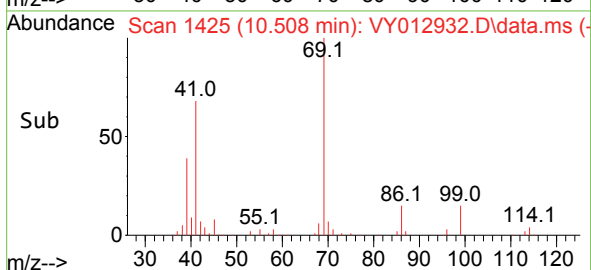
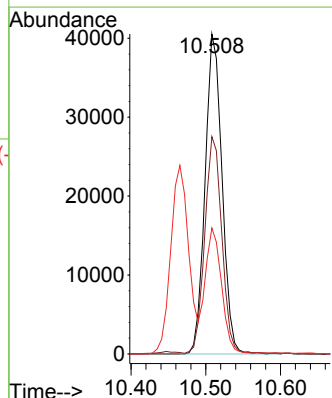
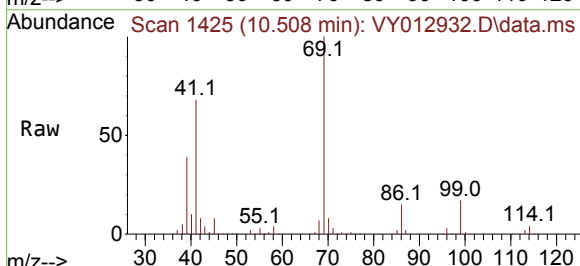
Tgt Ion: 69 Resp: 63895

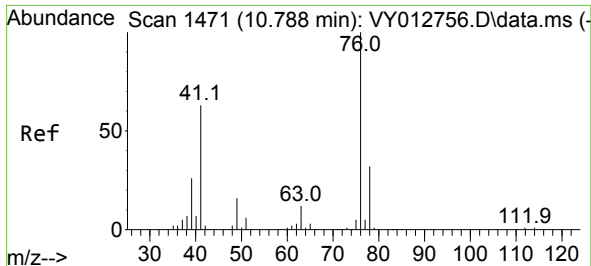
Ion Ratio Lower Upper

69 100

41 68.7 56.4 84.6

39 37.4 30.8 46.2





#57

1,3-Dichloropropane

Concen: 54.943 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

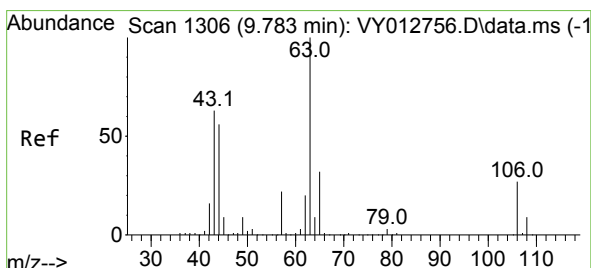
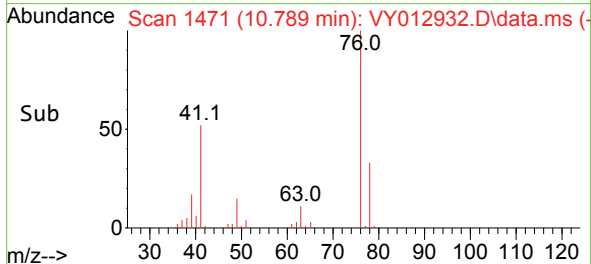
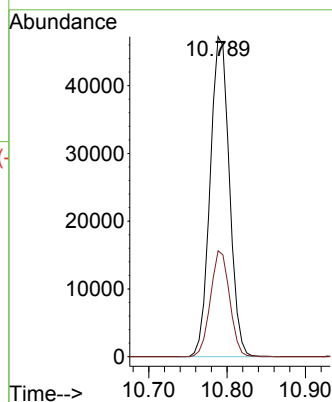
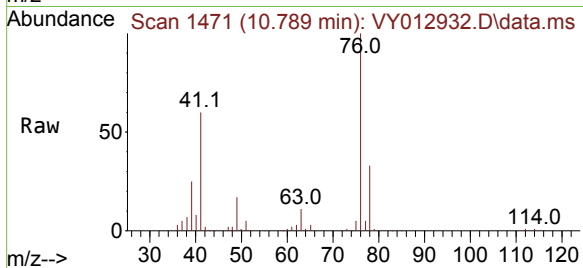
VSTDCCC050

Tgt Ion: 76 Resp: 80543

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 272.199 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY012932.D

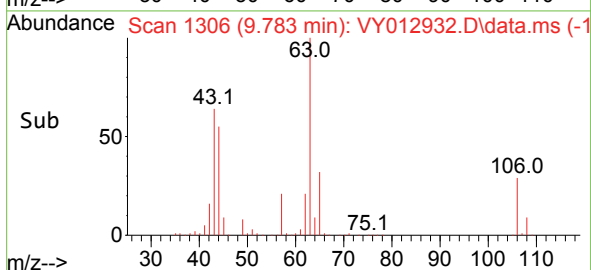
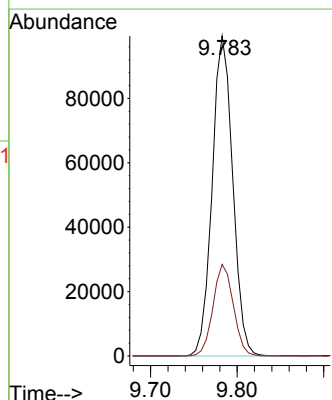
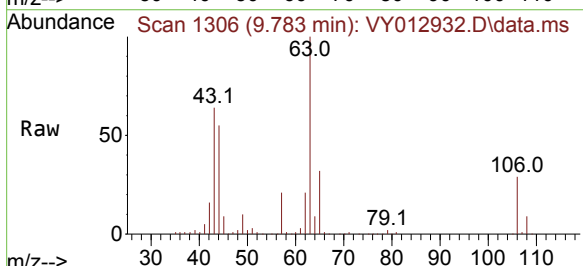
Acq: 14 Mar 2023 10:32

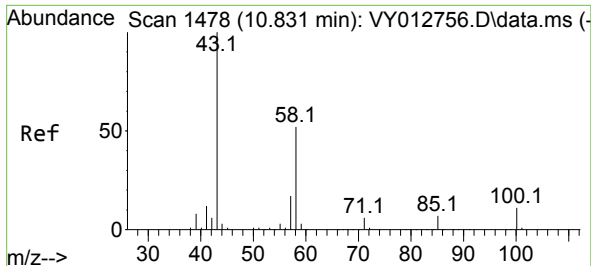
Tgt Ion: 63 Resp: 163987

Ion Ratio Lower Upper

63 100

106 28.2 22.1 33.1

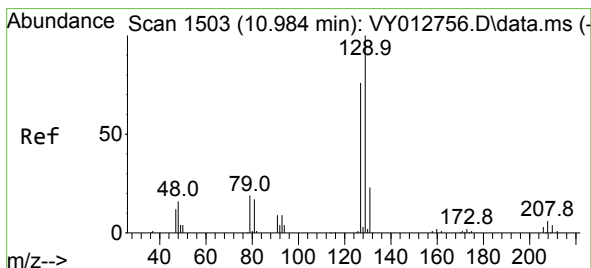
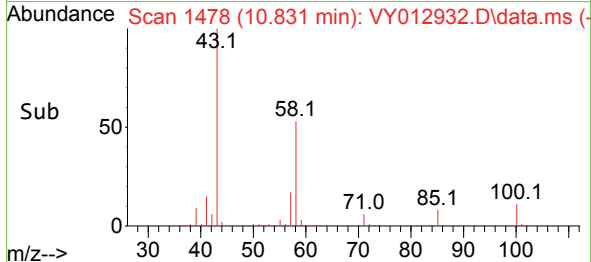
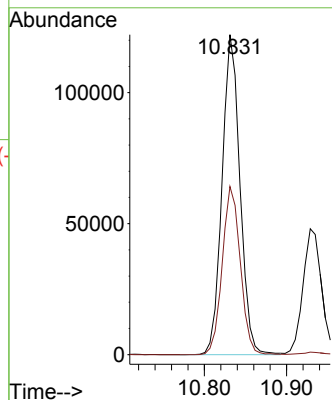
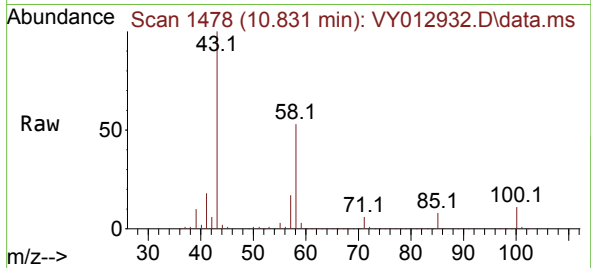




#59
2-Hexanone
Concen: 274.404 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

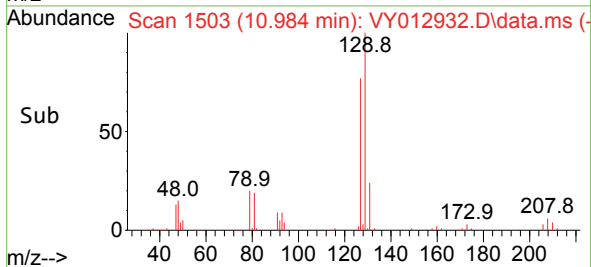
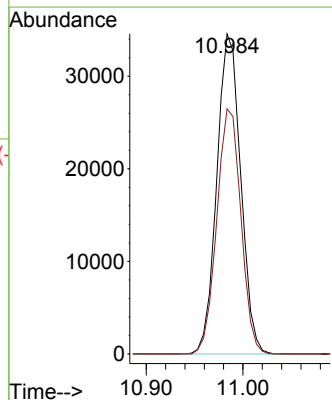
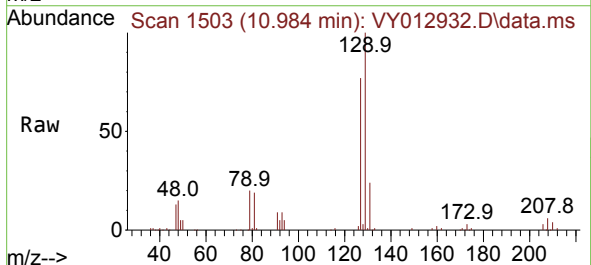
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

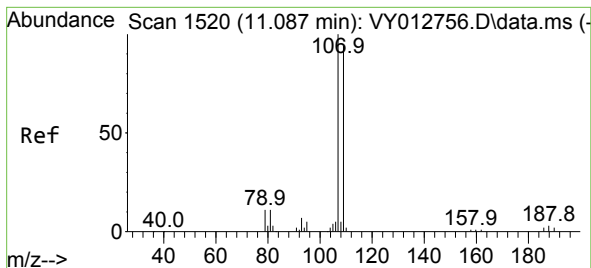
Tgt Ion: 43 Resp: 184593
Ion Ratio Lower Upper
43 100
58 53.0 25.9 77.8



#60
Dibromochloromethane
Concen: 56.505 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 129 Resp: 59199
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 54.458 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.006 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

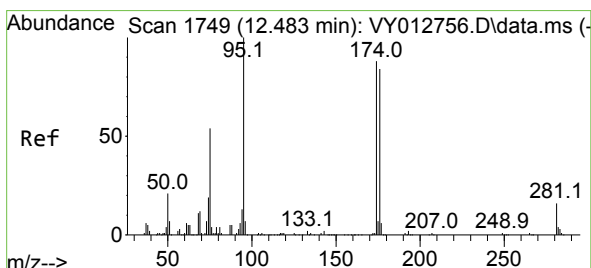
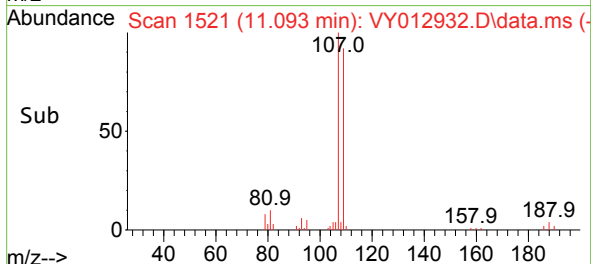
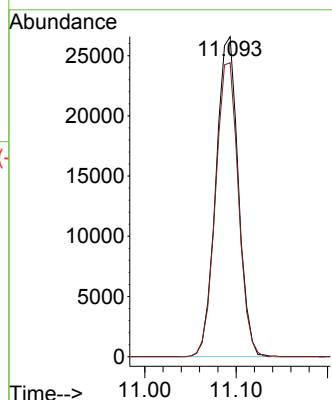
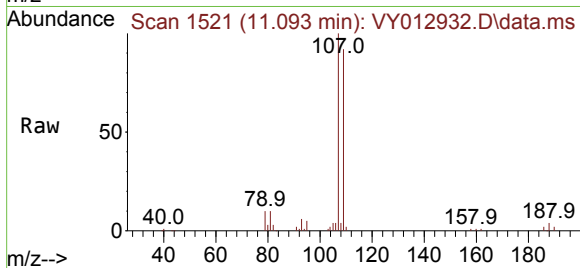
VSTDCCC050

Tgt Ion:107 Resp: 45150

Ion Ratio Lower Upper

107 100

109 94.1 75.0 112.6



#62

4-Bromofluorobenzene

Concen: 50.038 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

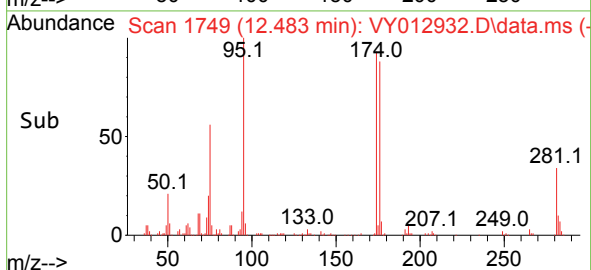
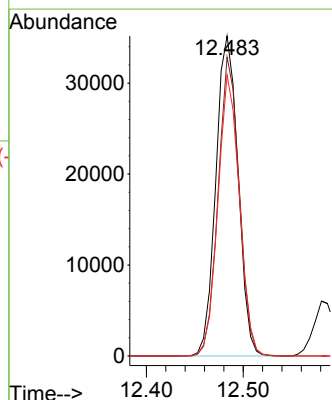
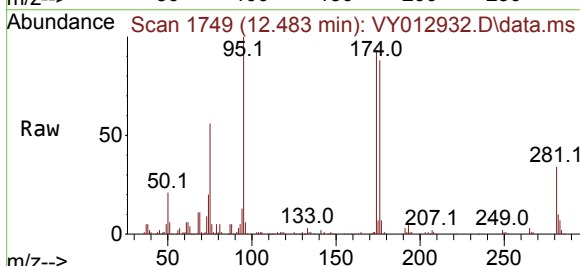
Tgt Ion: 95 Resp: 55909

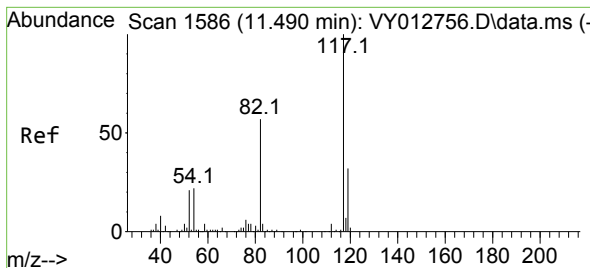
Ion Ratio Lower Upper

95 100

174 89.1 0.0 176.6

176 85.1 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

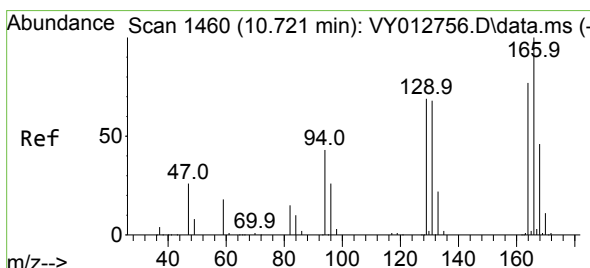
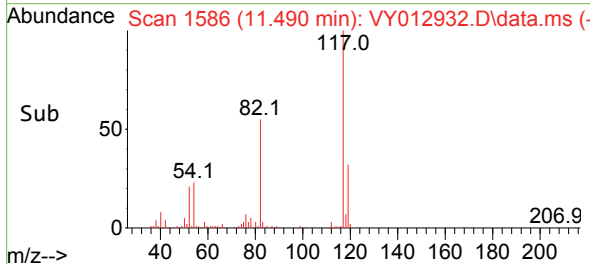
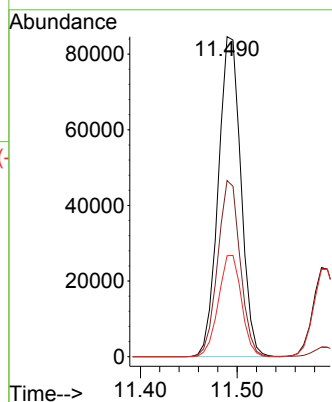
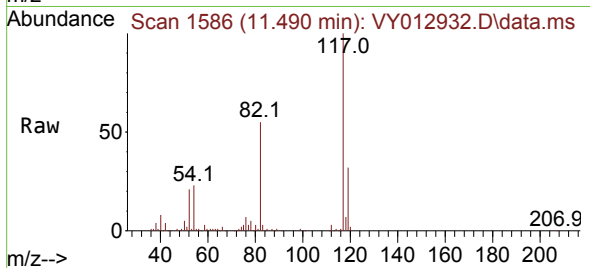
Tgt Ion:117 Resp: 137219

Ion Ratio Lower Upper

117 100

82 55.0 45.4 68.0

119 31.6 25.6 38.4



#64

Tetrachloroethene

Concen: 52.834 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Tgt Ion:164 Resp: 52784

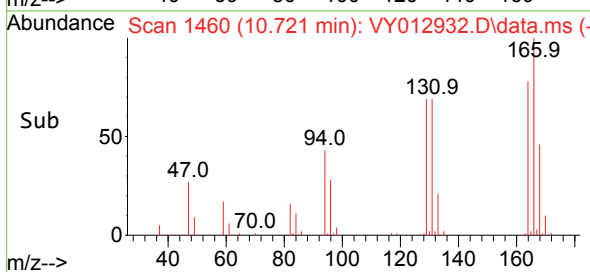
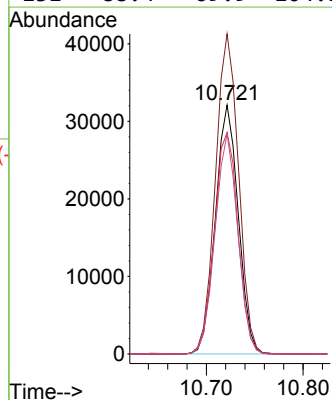
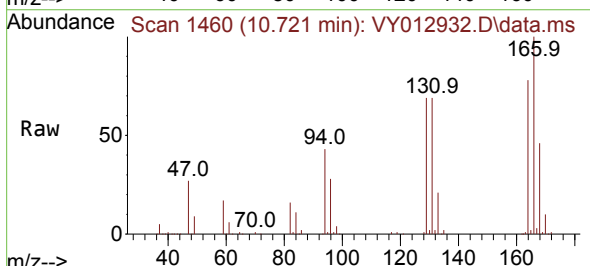
Ion Ratio Lower Upper

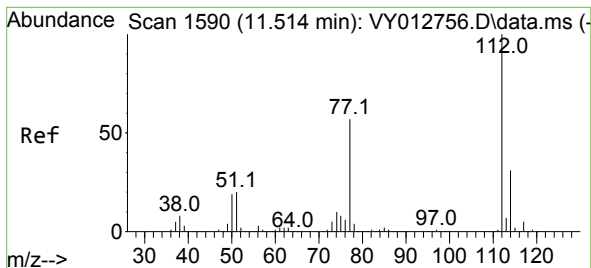
164 100

166 128.6 103.4 155.2

129 89.0 71.4 107.2

131 88.4 69.9 104.9





#65

Chlorobenzene

Concen: 53.951 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

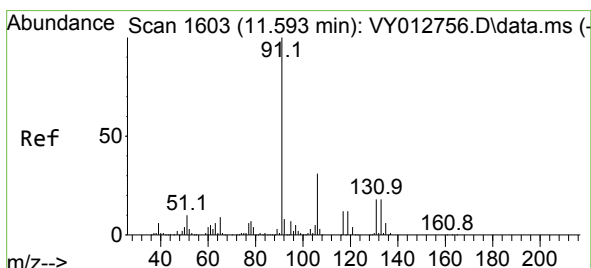
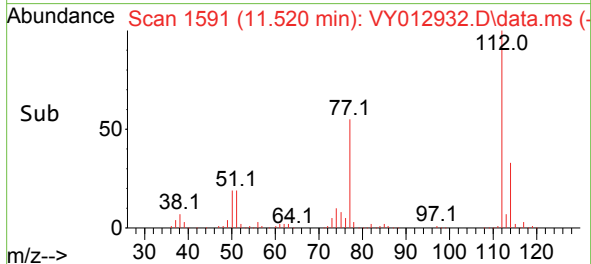
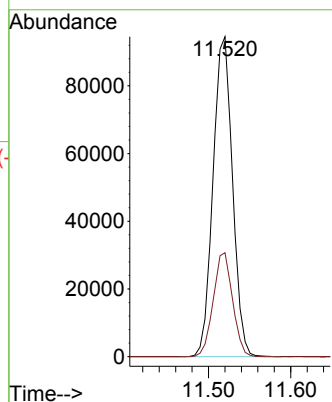
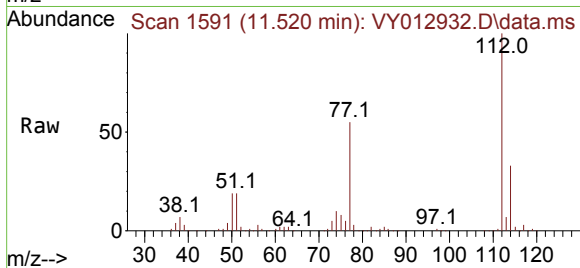
VSTDCCC050

Tgt Ion:112 Resp: 155372

Ion Ratio Lower Upper

112 100

114 32.5 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 56.044 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

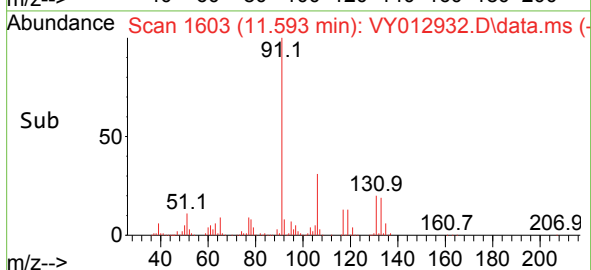
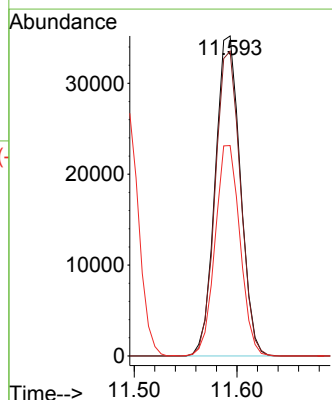
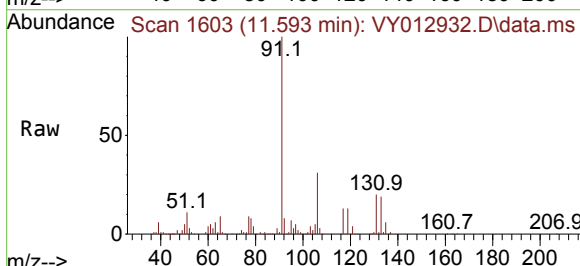
Tgt Ion:131 Resp: 59723

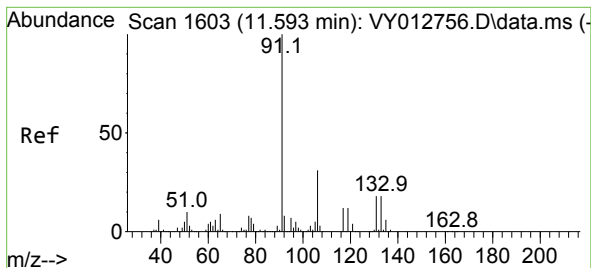
Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.0

119 65.2 32.6 98.0





#67

Ethyl Benzene

Concen: 54.415 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

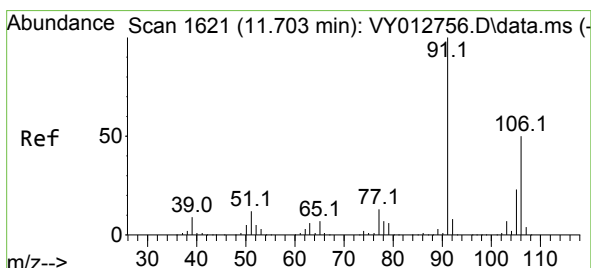
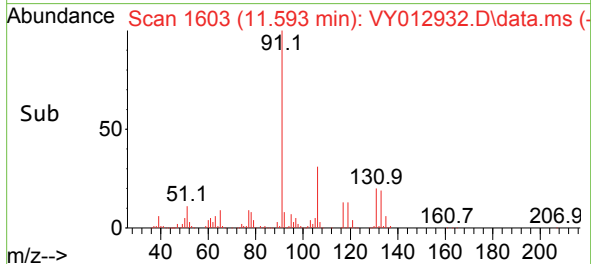
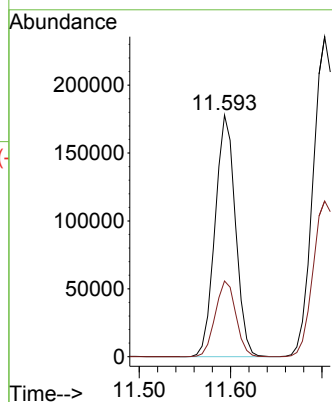
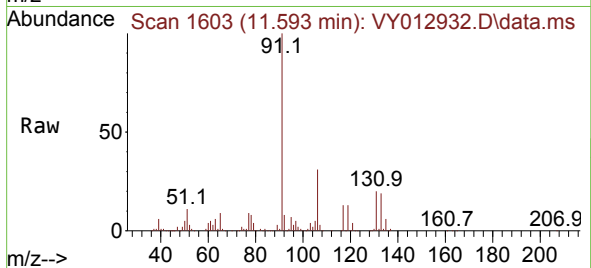
VSTDCCC050

Tgt Ion: 91 Resp: 275521

Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7



#68

m/p-Xylenes

Concen: 110.021 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY012932.D

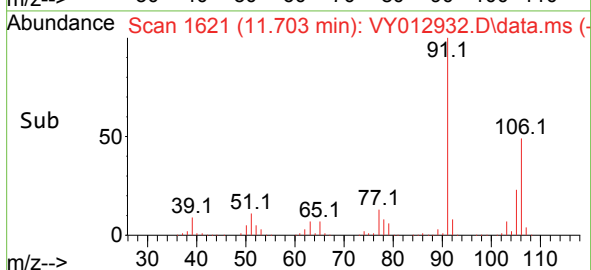
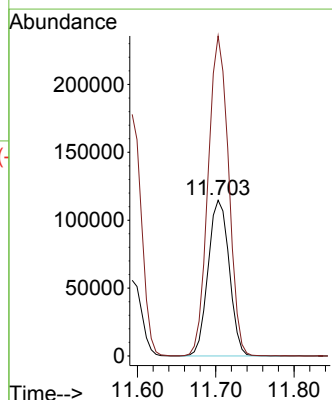
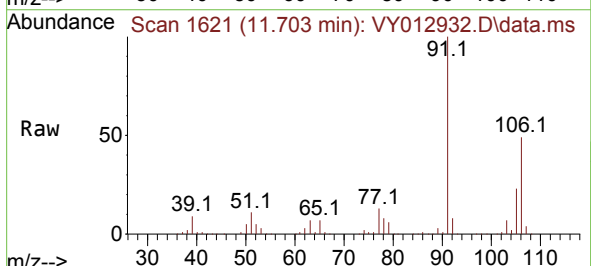
Acq: 14 Mar 2023 10:32

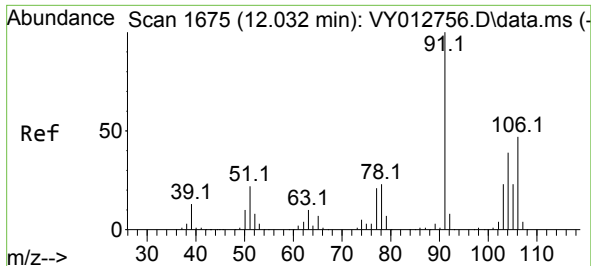
Tgt Ion: 106 Resp: 214302

Ion Ratio Lower Upper

106 100

91 200.1 159.8 239.8

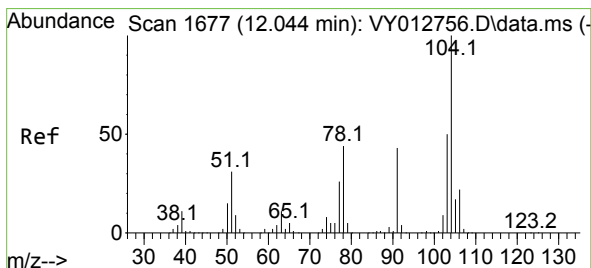
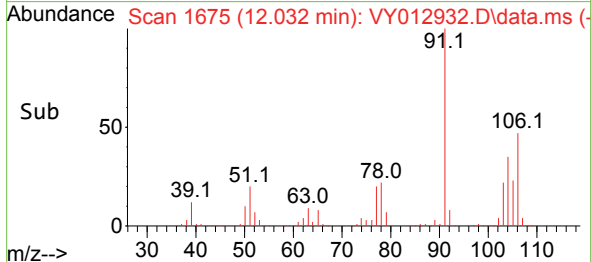
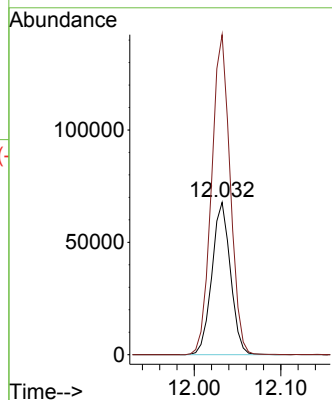
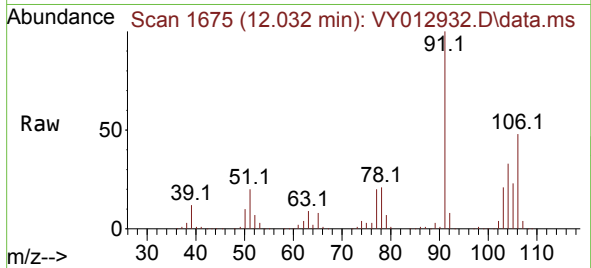




#69
o-Xylene
Concen: 55.393 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

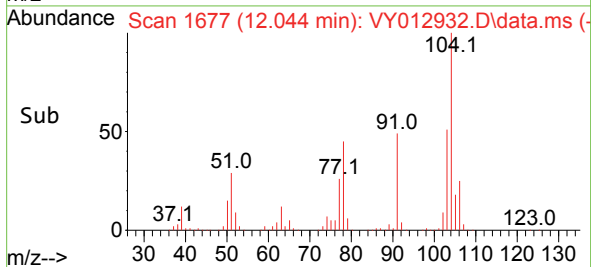
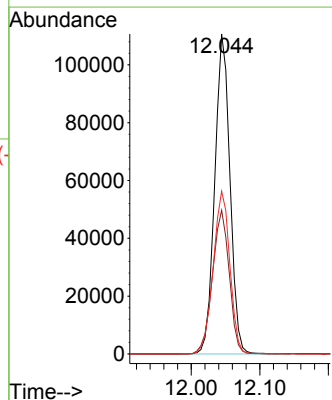
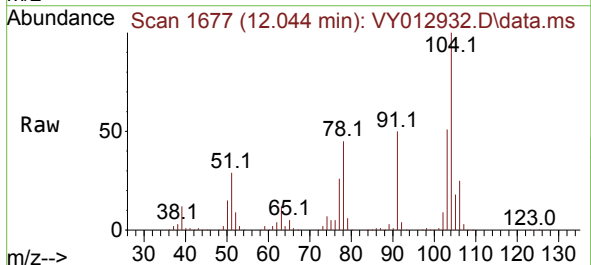
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 100698
Ion Ratio Lower Upper
106 100
91 211.6 107.2 321.6



#70
Styrene
Concen: 56.155 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion:104 Resp: 170356
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 55.8 43.7 65.5





#71

Bromoform

Concen: 54.808 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

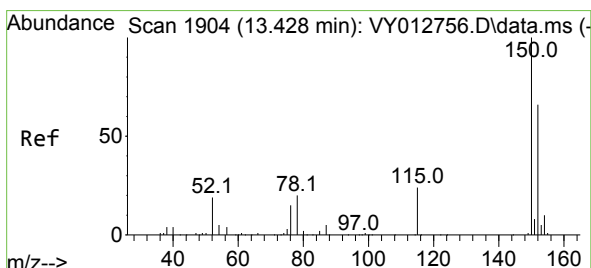
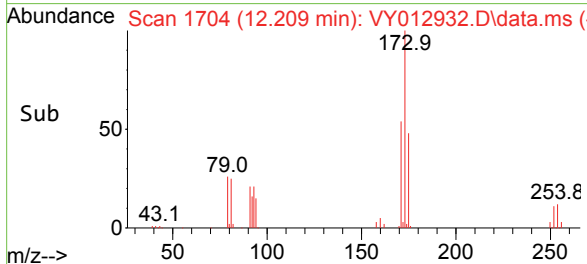
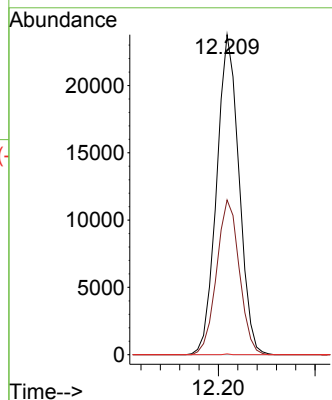
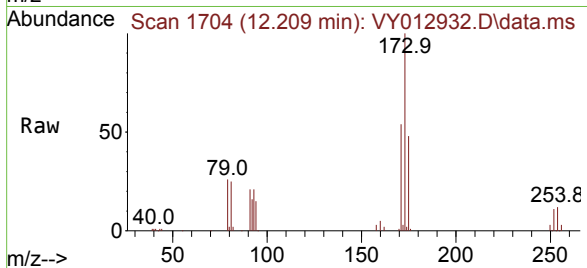
Tgt Ion:173 Resp: 38081

Ion Ratio Lower Upper

173 100

175 49.2 25.0 75.0

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

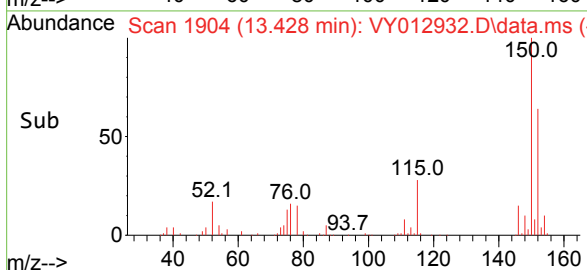
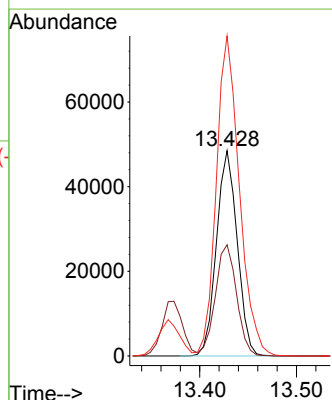
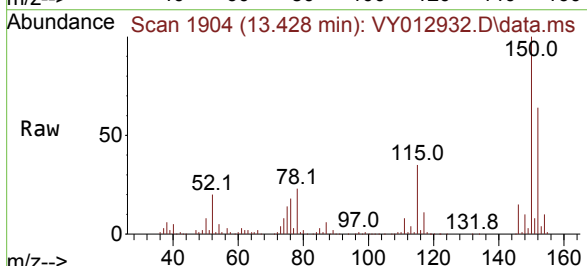
Tgt Ion:152 Resp: 72181

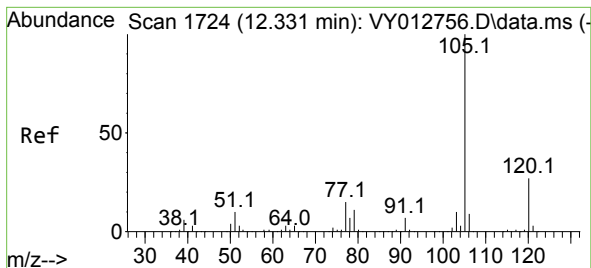
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 173.5 0.0 347.8





#73

Isopropylbenzene

Concen: 52.538 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

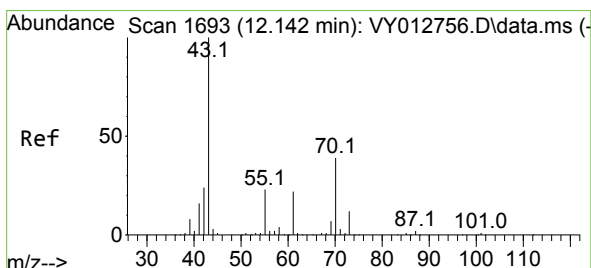
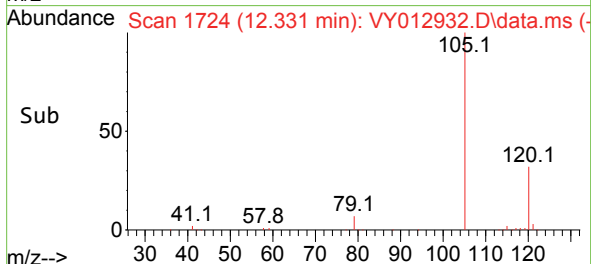
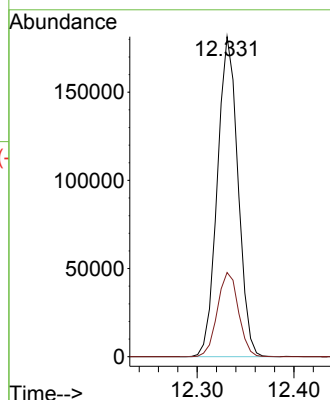
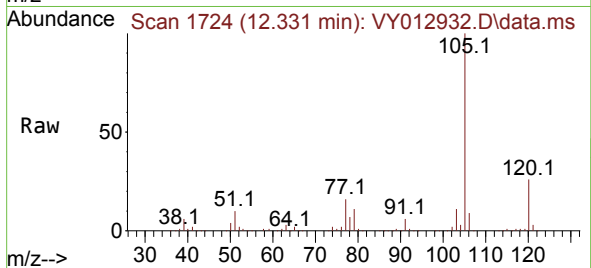
VSTDCCC050

Tgt Ion:105 Resp: 268758

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 48.254 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Tgt Ion: 43 Resp: 77667

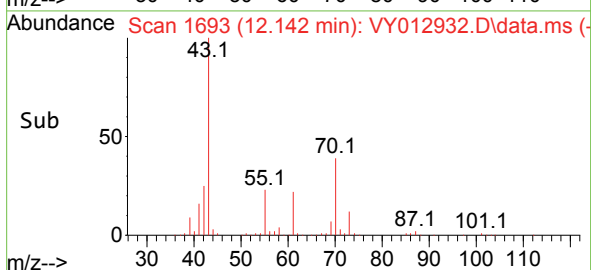
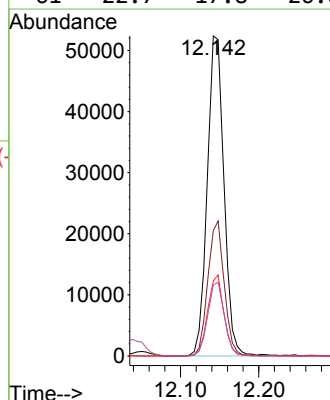
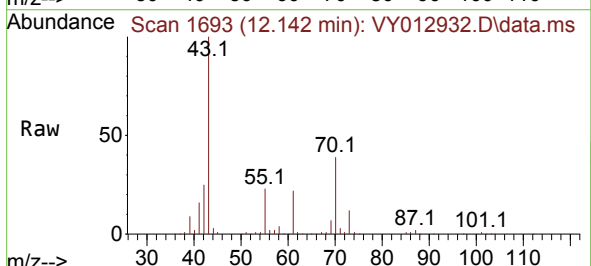
Ion Ratio Lower Upper

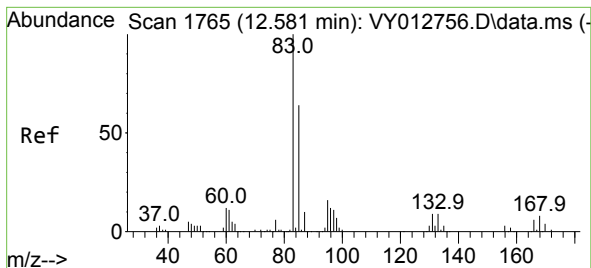
43 100

70 41.2 31.6 47.4

55 24.6 18.8 28.2

61 22.7 17.8 26.8

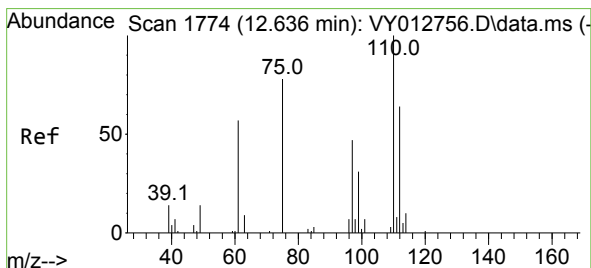
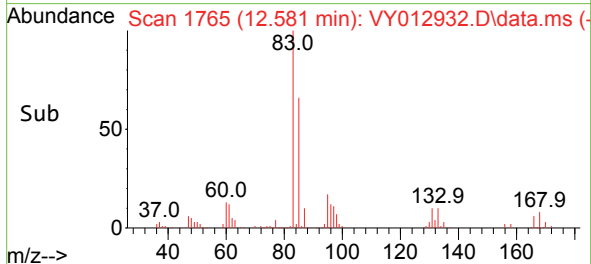
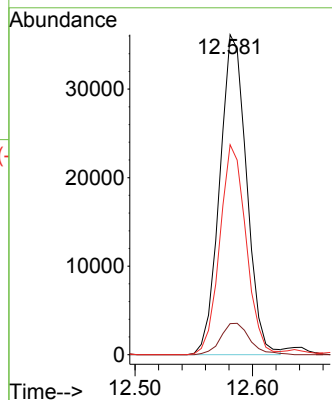
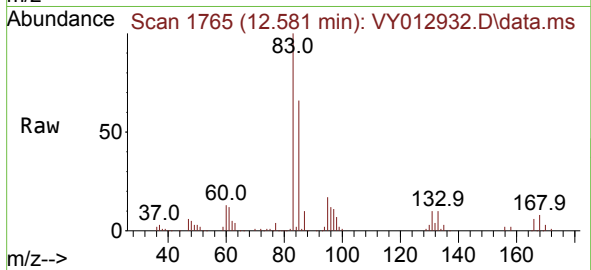




#75
1,1,2,2-Tetrachloroethane
Concen: 49.951 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

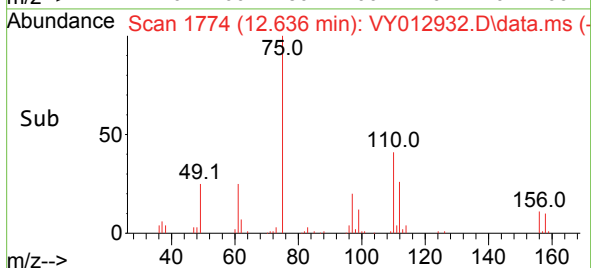
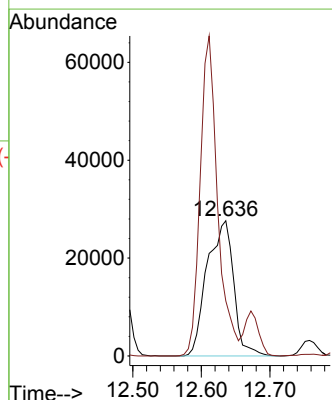
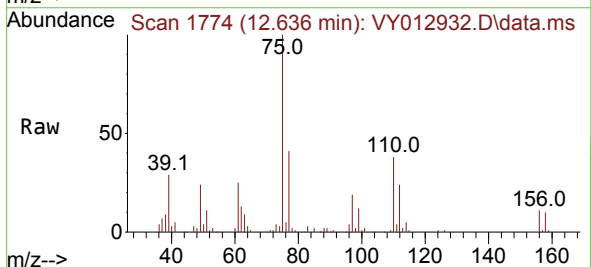
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

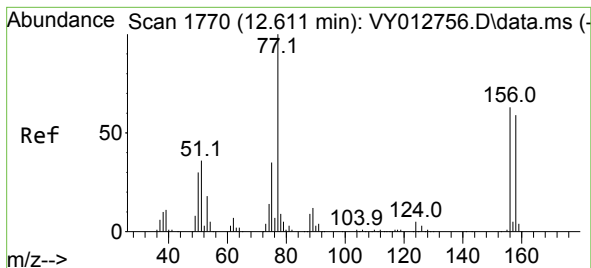
Tgt Ion: 83 Resp: 57440
Ion Ratio Lower Upper
83 100
131 10.6 5.1 15.2
85 64.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 86.149 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion: 75 Resp: 74257
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.543 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

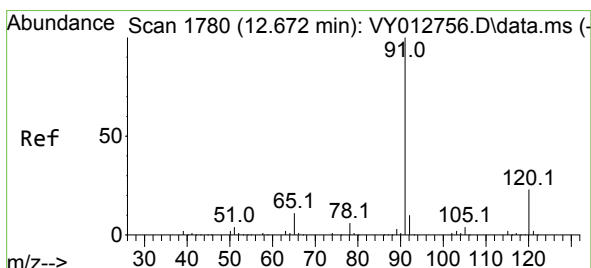
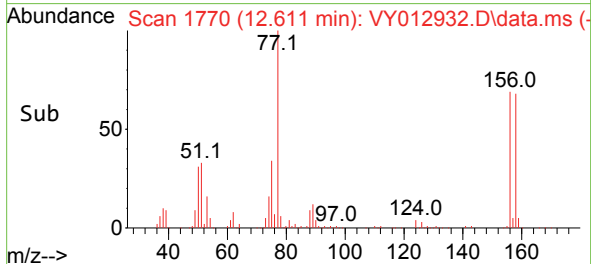
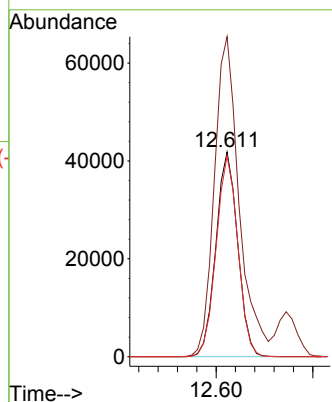
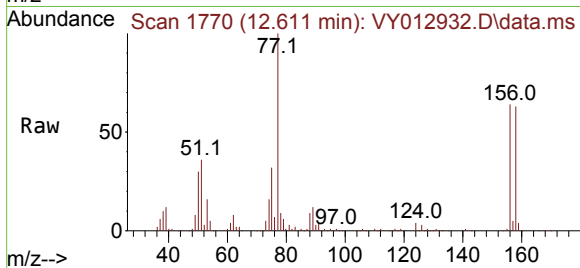
Tgt Ion:156 Resp: 65296

Ion Ratio Lower Upper

156 100

77 178.2 94.0 282.1

158 97.6 48.1 144.4



#78

n-propylbenzene

Concen: 52.766 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012932.D

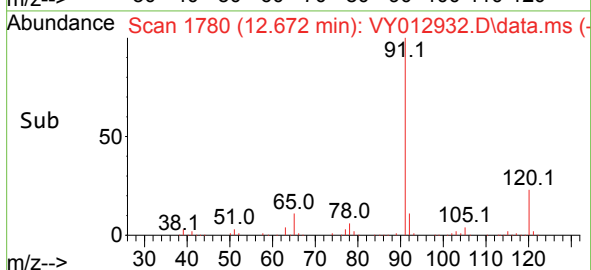
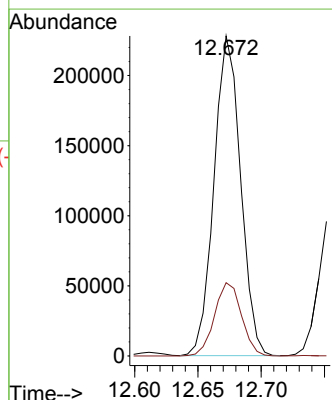
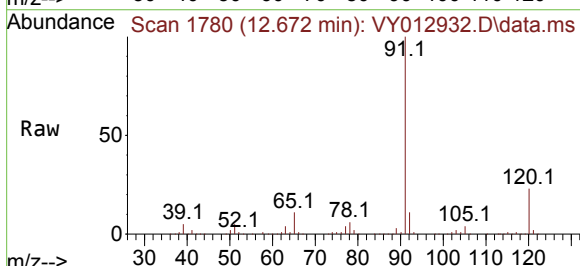
Acq: 14 Mar 2023 10:32

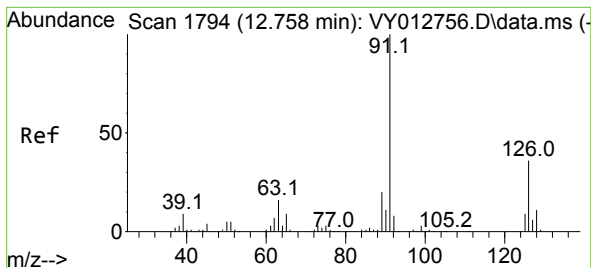
Tgt Ion: 91 Resp: 332790

Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.8





#79

2-Chlorotoluene

Concen: 52.715 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

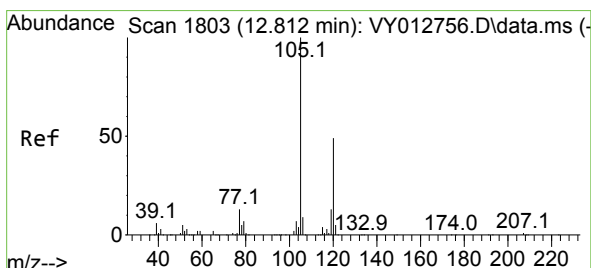
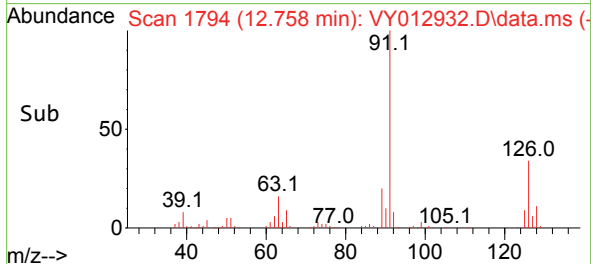
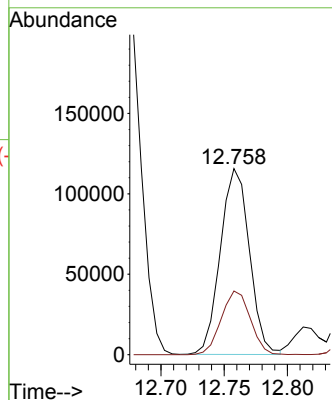
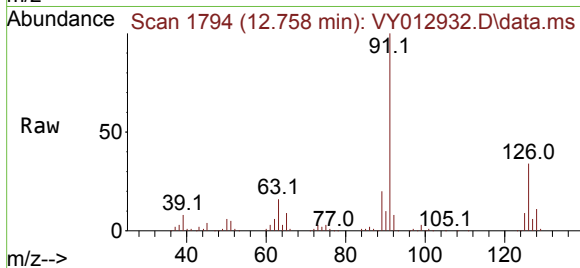
VSTDCCC050

Tgt Ion: 91 Resp: 184779

Ion Ratio Lower Upper

91 100

126 34.3 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 52.970 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY012932.D

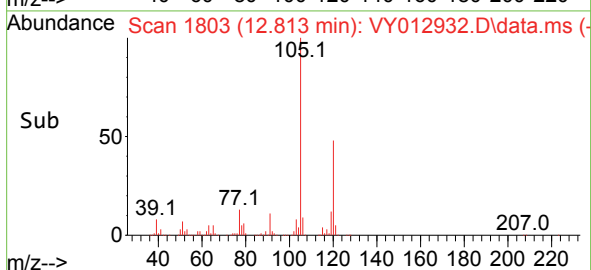
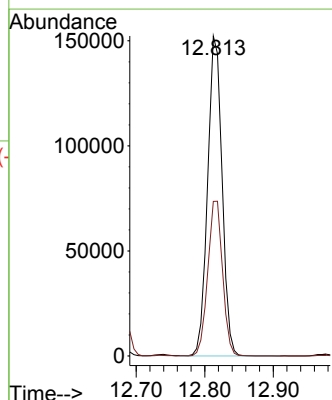
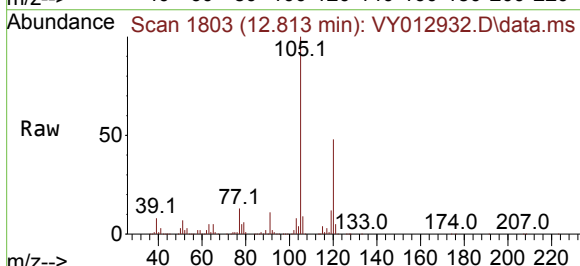
Acq: 14 Mar 2023 10:32

Tgt Ion:105 Resp: 223621

Ion Ratio Lower Upper

105 100

120 49.6 24.8 74.4

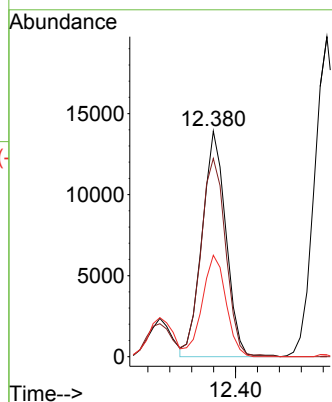
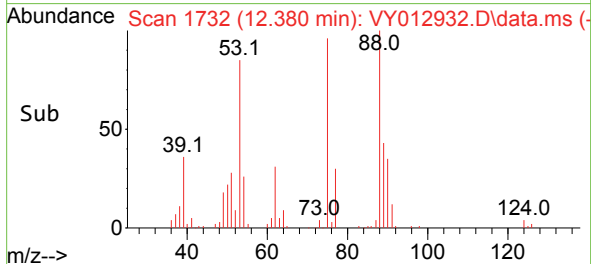
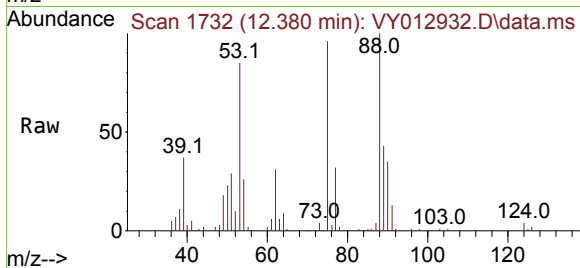




#81
trans-1,4-Dichloro-2-butene
Concen: 50.486 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

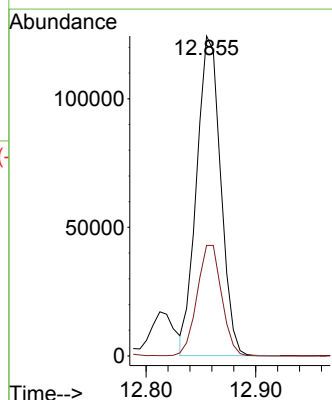
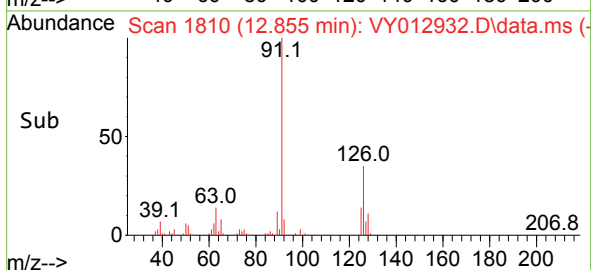
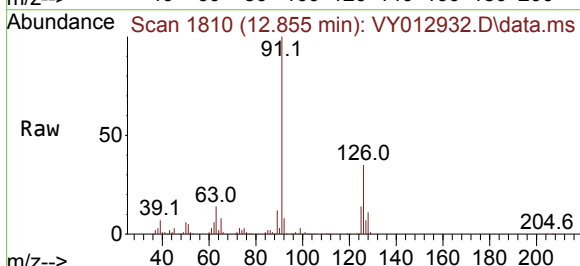
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

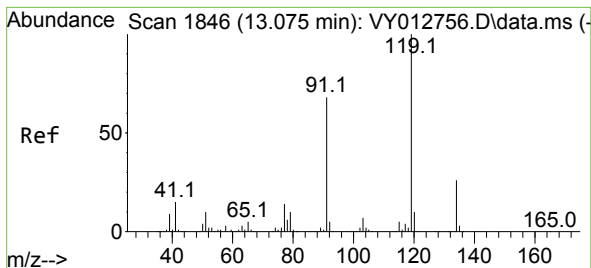
Tgt Ion:	75	Resp:	21002
Ion	Ratio	Lower	Upper
75	100		
53	91.8	73.4	110.0
89	45.1	36.6	55.0



#82
4-Chlorotoluene
Concen: 52.174 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion:	91	Resp:	189313
Ion	Ratio	Lower	Upper
91	100		
126	35.4	17.7	53.1

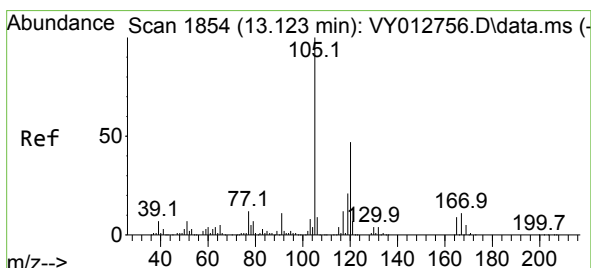
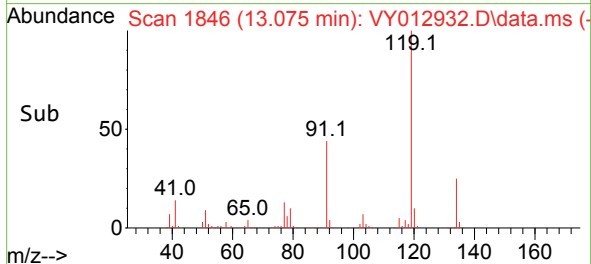
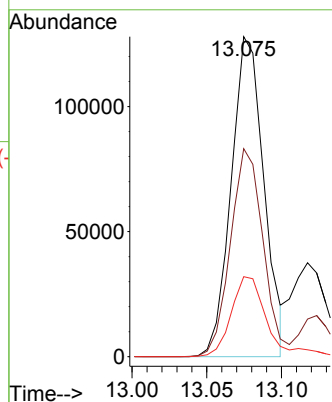
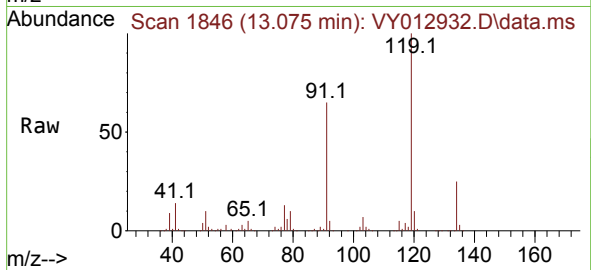




#83
tert-Butylbenzene
Concen: 53.453 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

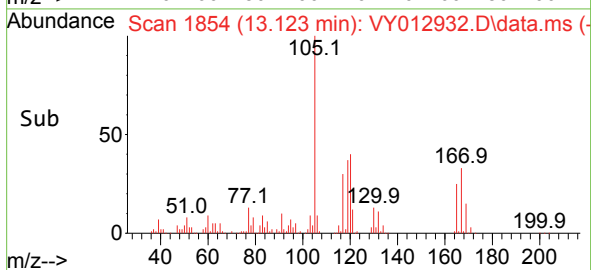
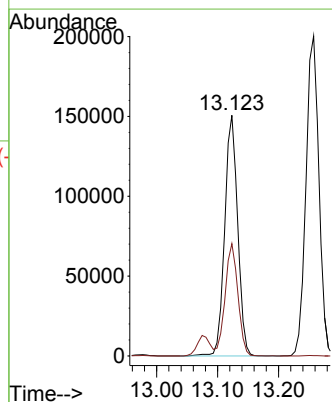
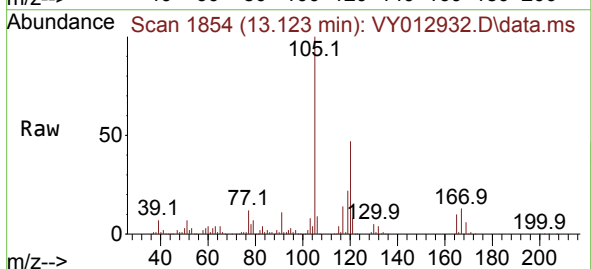
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

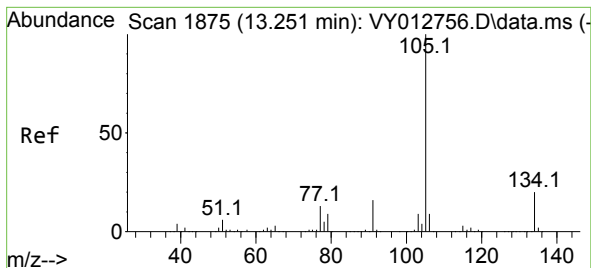
Tgt Ion:119 Resp: 194770
Ion Ratio Lower Upper
119 100
91 64.9 32.8 98.3
134 27.3 13.6 40.8



#84
1,2,4-Trimethylbenzene
Concen: 53.931 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY012932.D
Acq: 14 Mar 2023 10:32

Tgt Ion:105 Resp: 222636
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 53.120 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

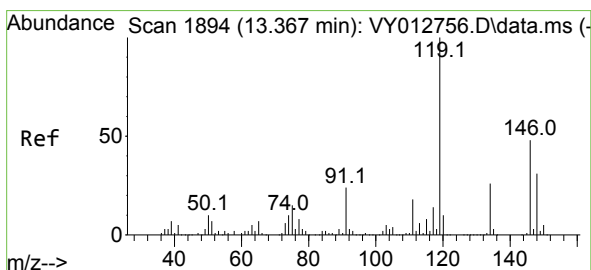
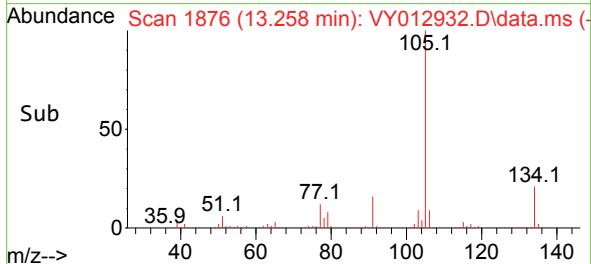
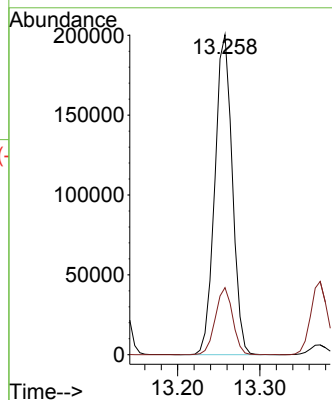
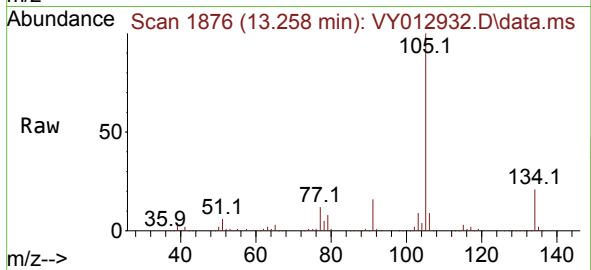
VSTDCCC050

Tgt Ion:105 Resp: 295286

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.1



#86

p-Isopropyltoluene

Concen: 54.341 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

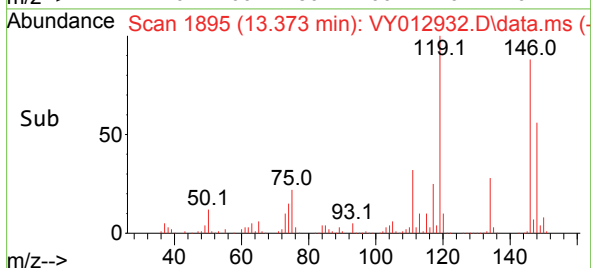
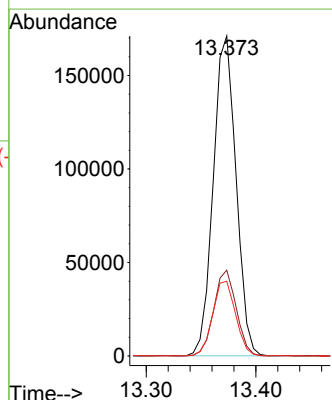
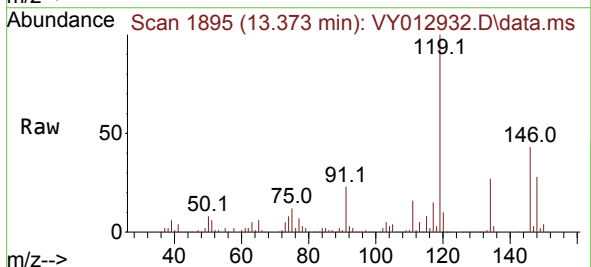
Tgt Ion:119 Resp: 246879

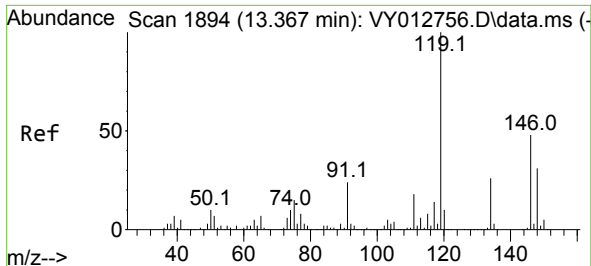
Ion Ratio Lower Upper

119 100

134 26.5 13.2 39.6

91 23.6 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 53.198 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

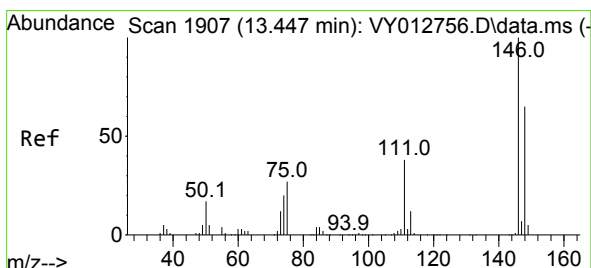
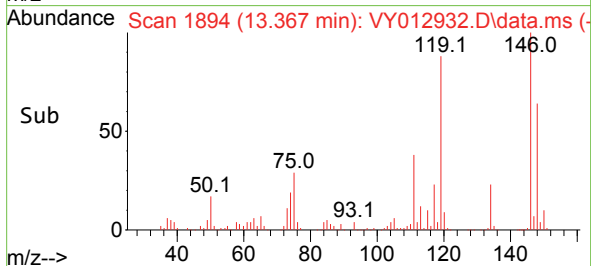
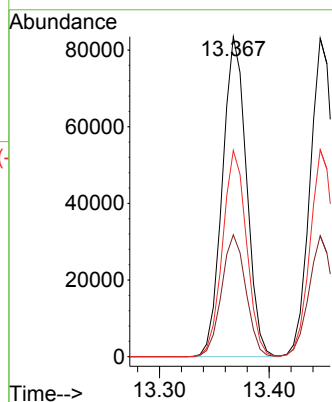
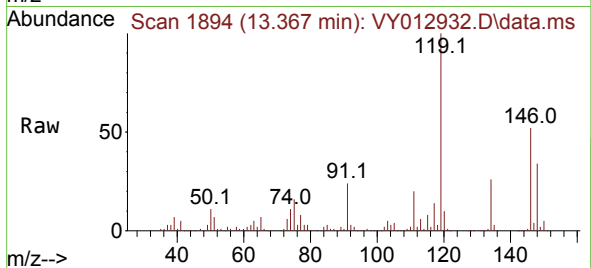
Tgt Ion:146 Resp: 127505

Ion Ratio Lower Upper

146 100

111 38.4 19.1 57.5

148 64.1 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 51.852 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

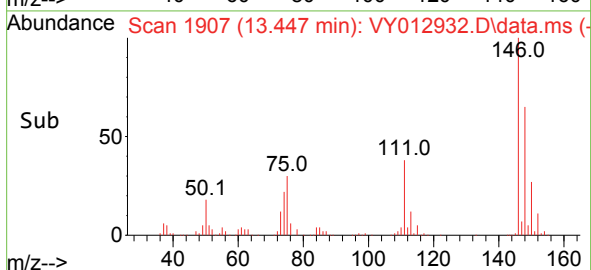
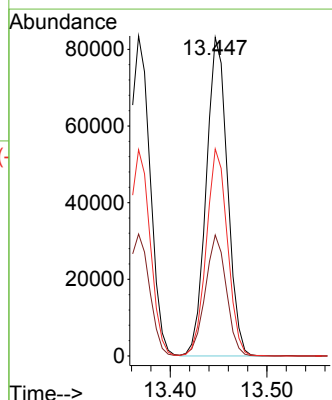
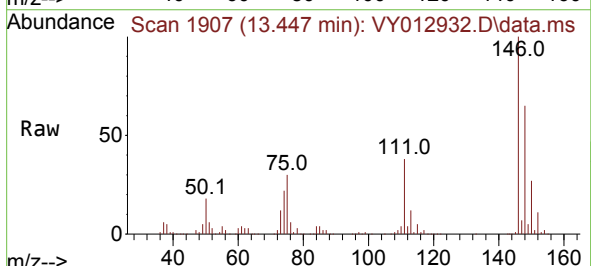
Tgt Ion:146 Resp: 126841

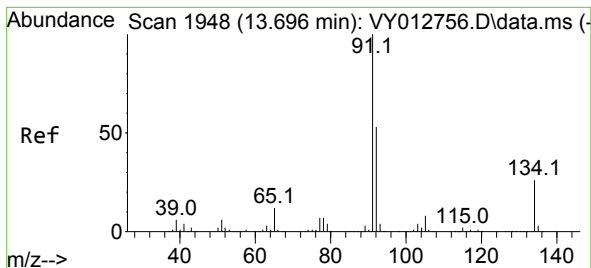
Ion Ratio Lower Upper

146 100

111 37.8 18.6 55.8

148 64.8 31.5 94.5





#89

n-Butylbenzene

Concen: 52.991 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

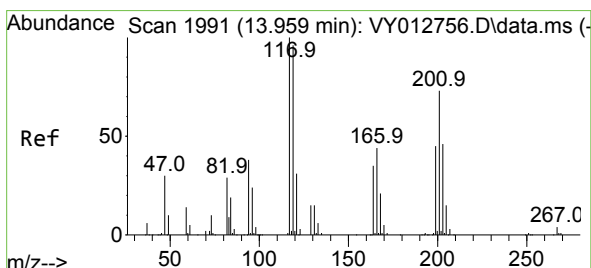
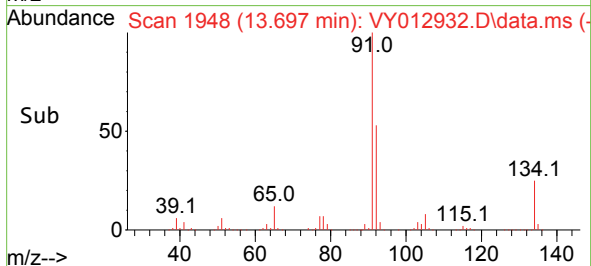
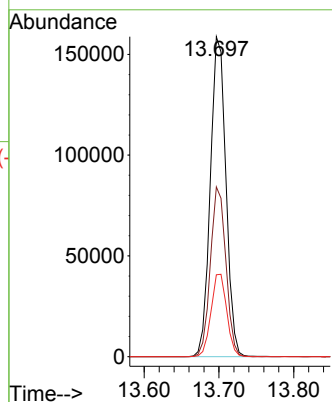
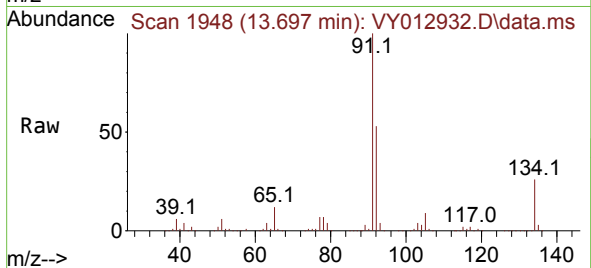
Tgt Ion: 91 Resp: 230471

Ion Ratio Lower Upper

91 100

92 52.6 26.4 79.0

134 26.1 13.0 38.9



#90

Hexachloroethane

Concen: 51.892 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY012932.D

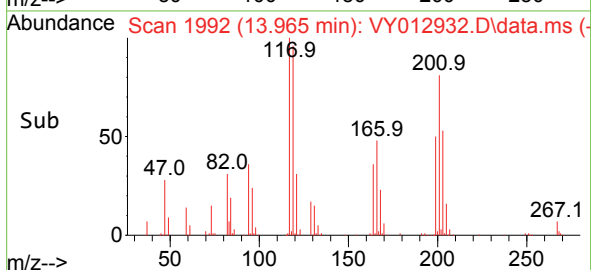
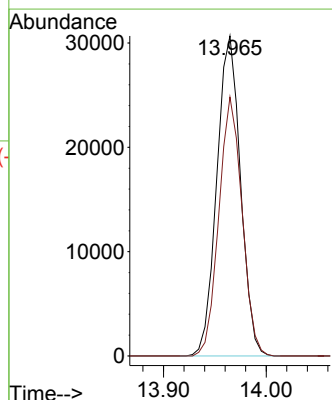
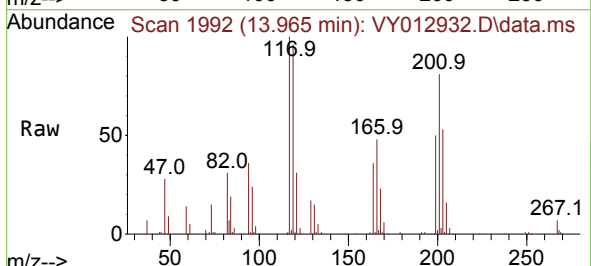
Acq: 14 Mar 2023 10:32

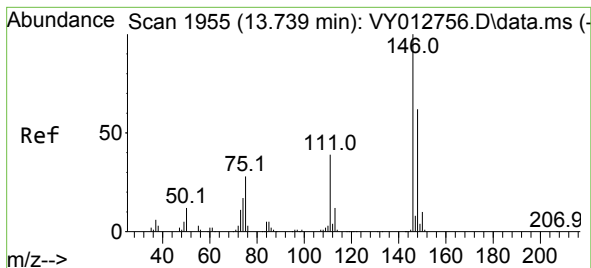
Tgt Ion: 117 Resp: 49103

Ion Ratio Lower Upper

117 100

201 79.1 39.4 118.1





#91

1,2-Dichlorobenzene

Concen: 53.162 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

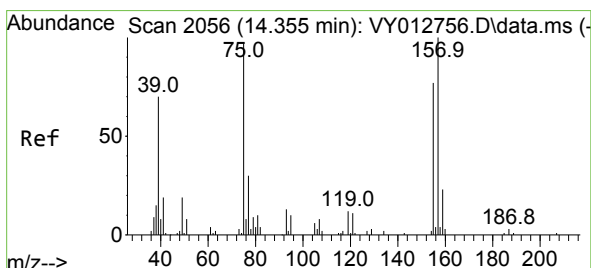
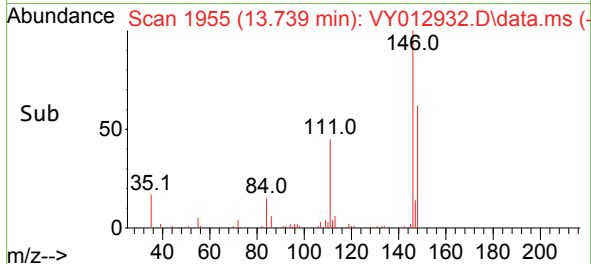
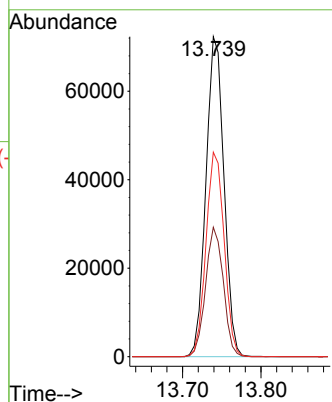
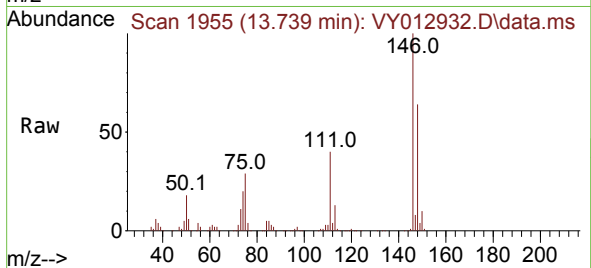
Tgt Ion:146 Resp: 115182

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.1

148 64.4 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.540 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

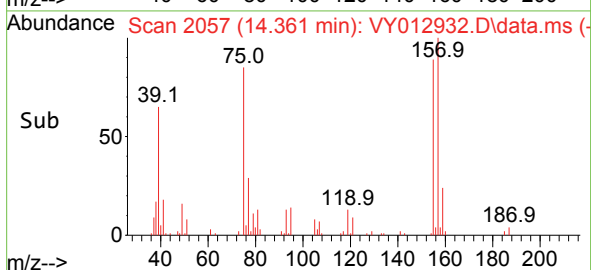
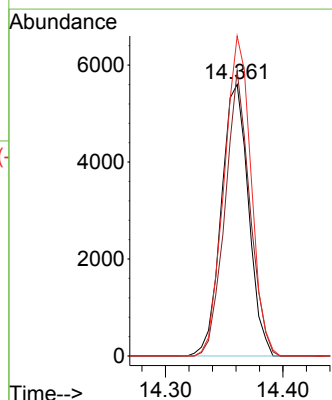
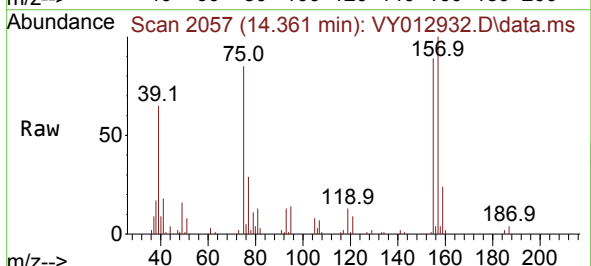
Tgt Ion: 75 Resp: 9021

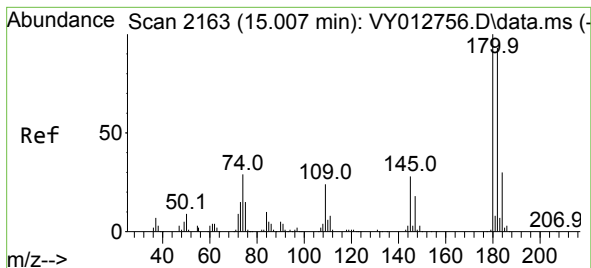
Ion Ratio Lower Upper

75 100

155 95.6 43.8 131.4

157 116.5 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 51.941 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

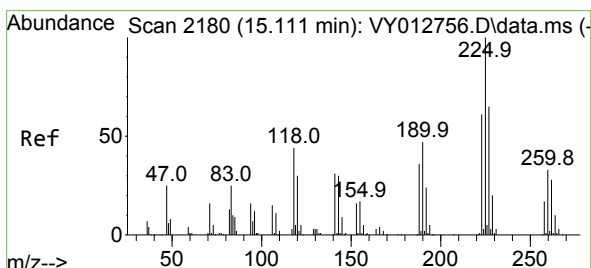
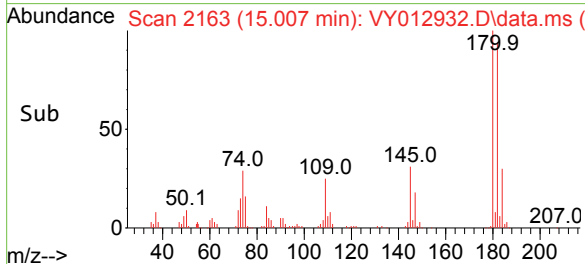
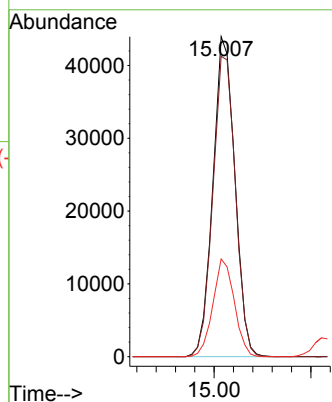
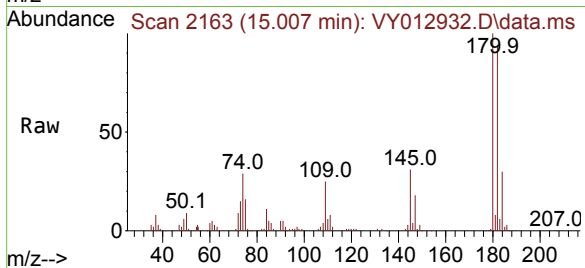
Tgt Ion:180 Resp: 69289

Ion Ratio Lower Upper

180 100

182 96.4 46.7 140.1

145 29.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 51.955 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

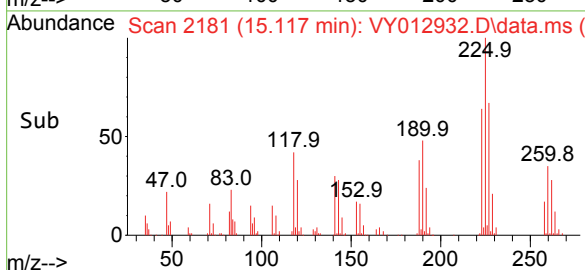
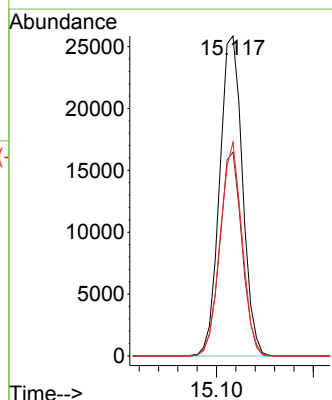
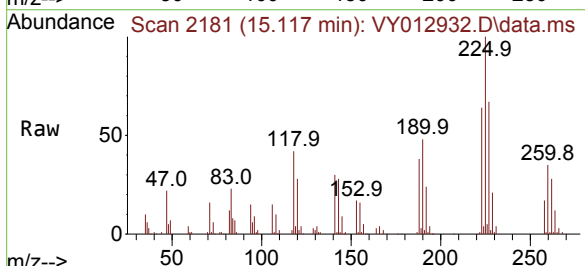
Tgt Ion:225 Resp: 42273

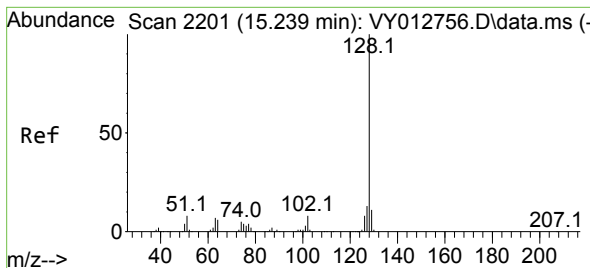
Ion Ratio Lower Upper

225 100

223 62.0 31.1 93.3

227 63.9 32.4 97.0





#95

Naphthalene

Concen: 52.459 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

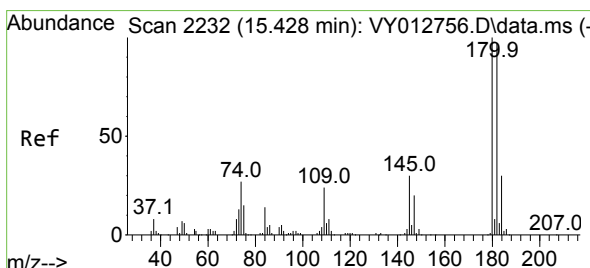
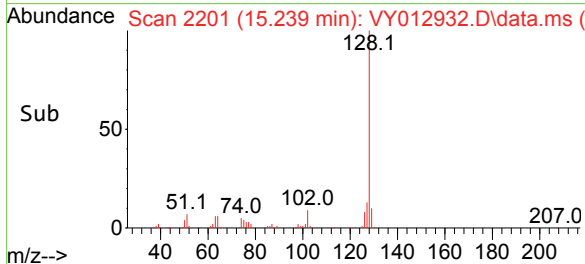
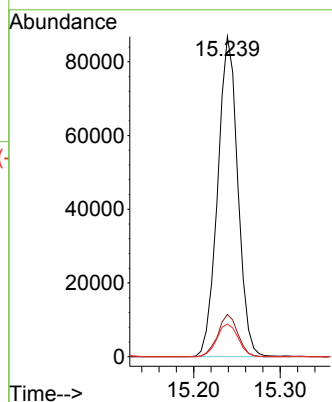
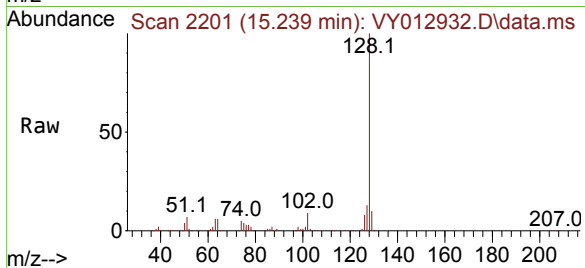
Tgt Ion:128 Resp: 140236

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.696 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY012932.D

Acq: 14 Mar 2023 10:32

Tgt Ion:180 Resp: 62520

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 31.3 15.3 45.8

