

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014073.D
 Acq On : 08 Jun 2023 13:06
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: Jun 09 04:19:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	230554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	350908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	148856	48.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.540%
35) Dibromofluoromethane	7.721	113	123910	55.564	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.120%
50) Toluene-d8	10.178	98	442695	52.043	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.080%
62) 4-Bromofluorobenzene	12.483	95	162127	55.906	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.905	85	101661	50.114	ug/l	100
3) Chloromethane	2.113	50	132101	47.018	ug/l	97
4) Vinyl Chloride	2.253	62	132453	50.888	ug/l	97
5) Bromomethane	2.655	94	100299	44.254	ug/l	97
6) Chloroethane	2.796	64	86847	46.623	ug/l	100
7) Trichlorofluoromethane	3.131	101	209324	50.873	ug/l	99
8) Diethyl Ether	3.527	74	72429	44.900	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.899	101	106053	50.174	ug/l	99
10) Methyl Iodide	4.094	142	156066	53.573	ug/l	99
11) Tert butyl alcohol	4.978	59	56300	89.757	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	110984	50.078	ug/l	95
13) Acrolein	3.734	56	60351	210.105	ug/l	99
14) Allyl chloride	4.478	41	200100	46.524	ug/l	98
15) Acrylonitrile	5.167	53	179240	200.237	ug/l	100
16) Acetone	3.954	43	228317	218.655	ug/l	100
17) Carbon Disulfide	4.198	76	371550	49.579	ug/l	99
18) Methyl Acetate	4.484	43	148831	39.451	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	321762	44.875	ug/l	99
20) Methylene Chloride	4.716	84	136188	48.064	ug/l	99
21) trans-1,2-Dichloroethene	5.222	96	124443	49.573	ug/l	96
22) Diisopropyl ether	6.118	45	392000	47.020	ug/l	99
23) Vinyl Acetate	6.063	43	1152302	220.364	ug/l	99
24) 1,1-Dichloroethane	6.021	63	221688	47.640	ug/l	98
25) 2-Butanone	6.990	43	259580	199.548	ug/l	100
26) 2,2-Dichloropropane	6.984	77	201052	47.607	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	138476	48.181	ug/l	98
28) Bromochloromethane	7.337	49	105028	47.791	ug/l	96
29) Tetrahydrofuran	7.350	42	153378	189.606	ug/l	99
30) Chloroform	7.508	83	237988	48.710	ug/l	96
31) Cyclohexane	7.789	56	176988	48.160	ug/l	97
32) 1,1,1-Trichloroethane	7.703	97	211896	51.129	ug/l	99
36) 1,1-Dichloropropene	7.917	75	172124	54.176	ug/l	100
37) Ethyl Acetate	7.075	43	109343	39.474	ug/l	99
38) Carbon Tetrachloride	7.898	117	196765	55.268	ug/l	96
39) Methylcyclohexane	9.185	83	189091	55.749	ug/l	98
40) Benzene	8.160	78	511360	52.175	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	151828	118.591	ug/l #	17
42) 1,2-Dichloroethane	8.240	62	179746	50.014	ug/l	100
43) Isopropyl Acetate	8.276	43	203499	43.630	ug/l	98
44) Trichloroethene	8.941	130	136114	53.033	ug/l	96
45) 1,2-Dichloropropane	9.215	63	127321	50.339	ug/l	97
46) Dibromomethane	9.307	93	78459	48.455	ug/l	99
47) Bromodichloromethane	9.496	83	185330	50.809	ug/l	98
48) Methyl methacrylate	9.294	41	94450	44.490	ug/l	98
49) 1,4-Dioxane	9.319	88	20482	869.815	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	547248	207.727	ug/l	99
52) Toluene	10.245	92	312239	52.004	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	193298	49.334	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	211721	50.611	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	101600	47.594	ug/l	98
56) Ethyl methacrylate	10.508	69	142753	46.575	ug/l	98
57) 1,3-Dichloropropane	10.788	76	174830	47.931	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	361751	240.816	ug/l	99
59) 2-Hexanone	10.831	43	402966	211.241	ug/l	100
60) Dibromochloromethane	10.983	129	133012	49.300	ug/l	100
61) 1,2-Dibromoethane	11.087	107	99881	46.569	ug/l	99
64) Tetrachloroethene	10.721	164	117931	54.595	ug/l	96
65) Chlorobenzene	11.520	112	330748	51.130	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	131637	52.273	ug/l	99
67) Ethyl Benzene	11.593	91	604792	54.014	ug/l	100
68) m/p-Xylenes	11.702	106	463438	108.355	ug/l	99
69) o-Xylene	12.032	106	216416	52.806	ug/l	98
70) Styrene	12.044	104	376359	53.465	ug/l	99
71) Bromoform	12.208	173	90475	48.732	ug/l #	100
73) Isopropylbenzene	12.330	105	568200	51.939	ug/l	99
74) N-amyl acetate	12.141	43	180363	42.972	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.580	83	125352	43.842	ug/l	100
76) 1,2,3-Trichloropropane	12.635	75	169628	76.052	ug/l #	100
77) Bromobenzene	12.611	156	147085	49.735	ug/l	96
78) n-propylbenzene	12.672	91	700725	52.263	ug/l	99
79) 2-Chlorotoluene	12.757	91	397469	50.075	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	487929	52.039	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	45465	43.245	ug/l	98
82) 4-Chlorotoluene	12.855	91	412532	49.418	ug/l	98
83) tert-Butylbenzene	13.074	119	405362	51.627	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	483623	51.641	ug/l	99
85) sec-Butylbenzene	13.257	105	596101	52.209	ug/l	100
86) p-Isopropyltoluene	13.373	119	504511	52.348	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	279097	49.694	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	276611	48.689	ug/l	100
89) n-Butylbenzene	13.696	91	473126	52.028	ug/l	99
90) Hexachloroethane	13.964	117	99345	49.114	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	250994	48.511	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	22193	40.244	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	155722	48.960	ug/l	100
94) Hexachlorobutadiene	15.110	225	88593	52.294	ug/l	98
95) Naphthalene	15.238	128	309889	40.827	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	137485	47.459	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

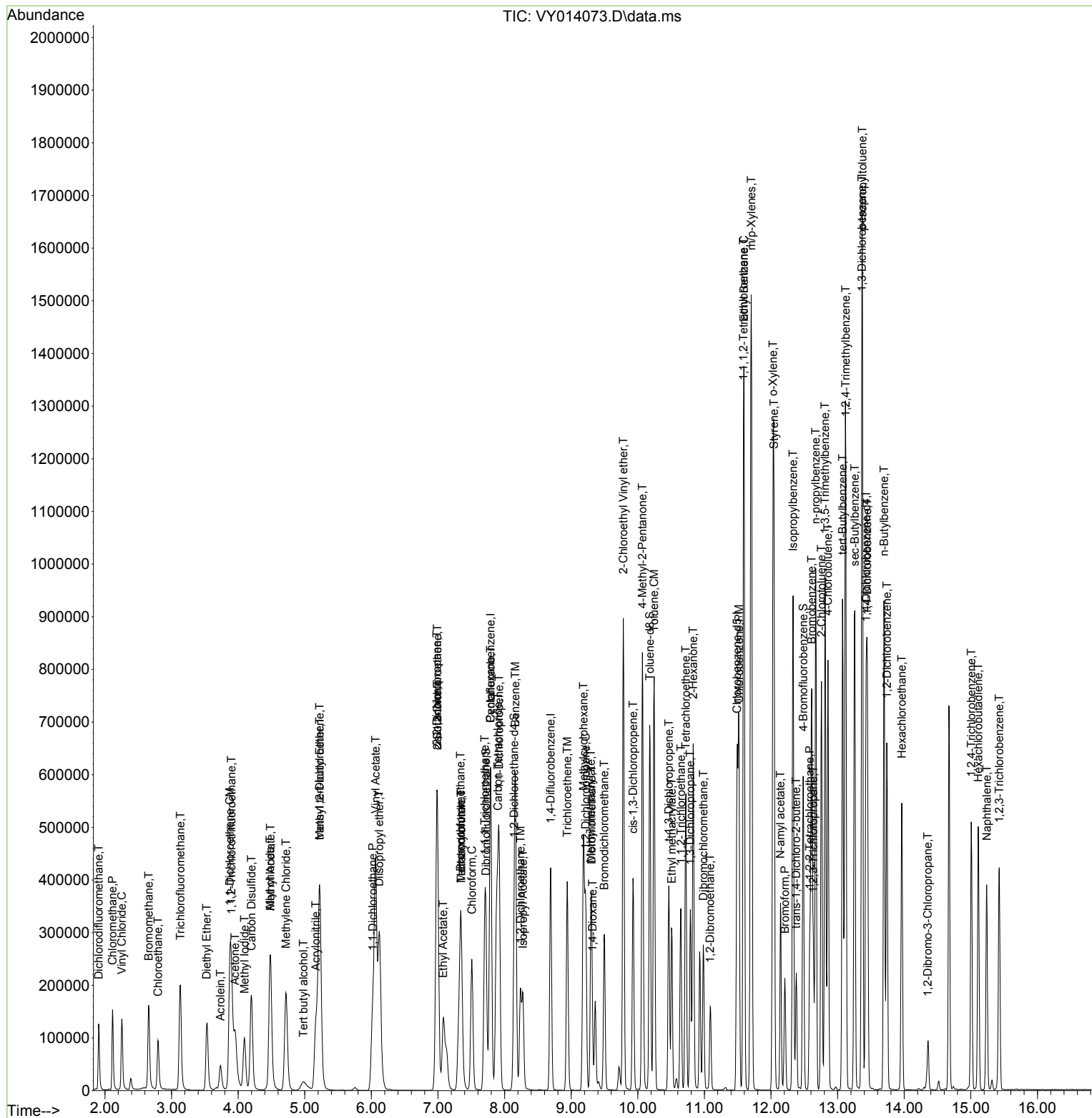
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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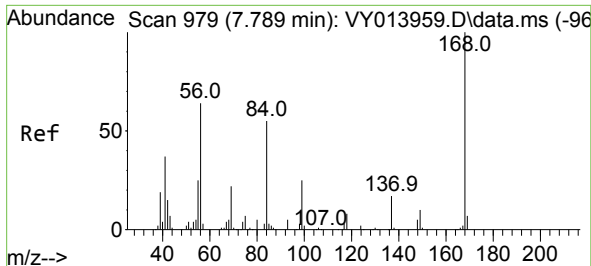
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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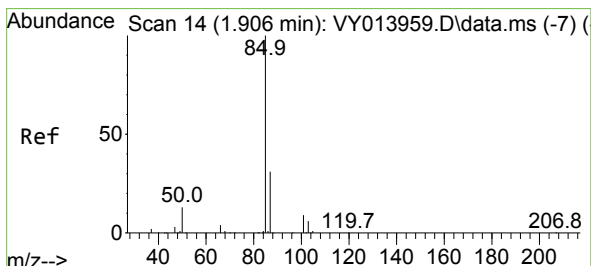
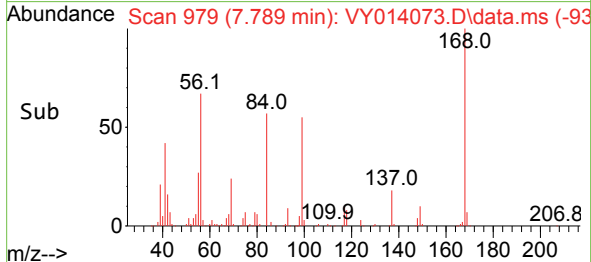
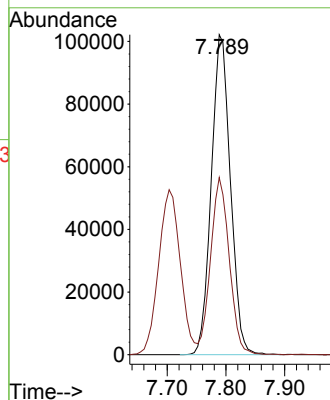
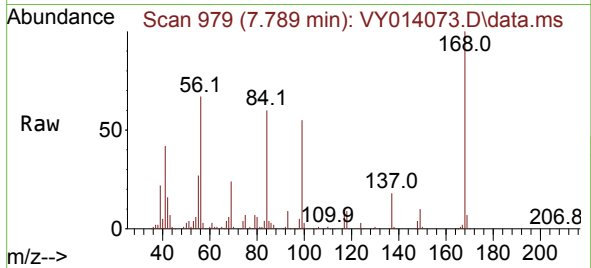




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014073.D
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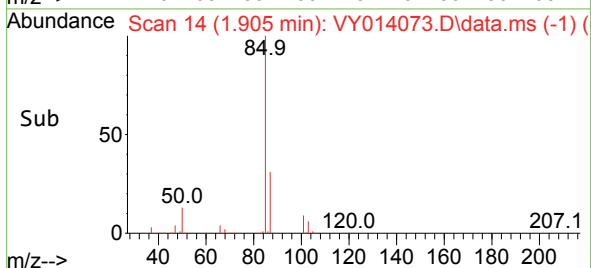
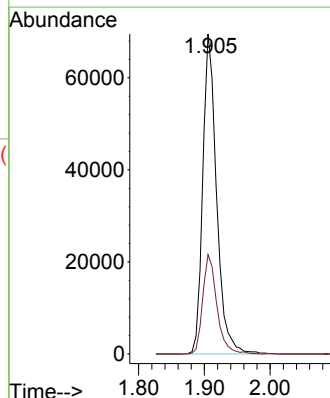
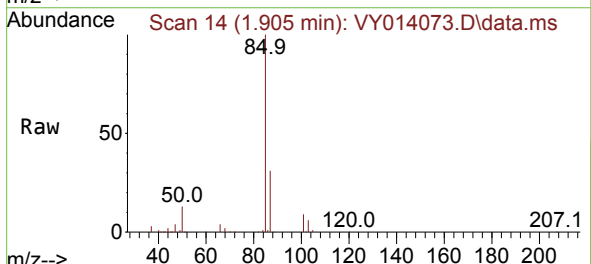
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

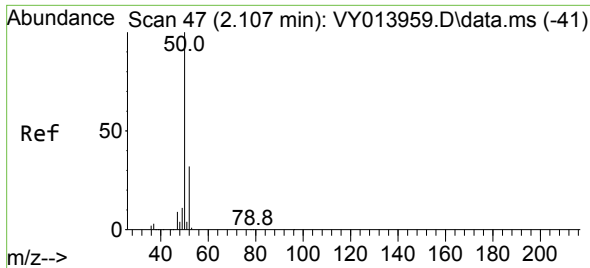
Tgt Ion:168 Resp: 230554
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 50.114 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 85 Resp: 101661
Ion Ratio Lower Upper
85 100
87 31.0 15.6 46.8

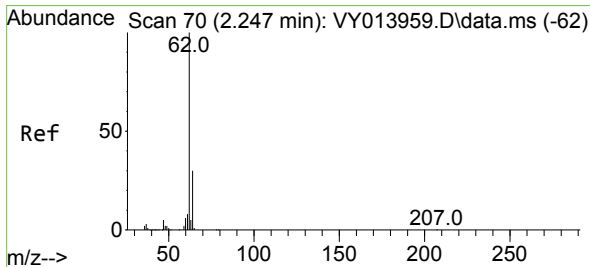
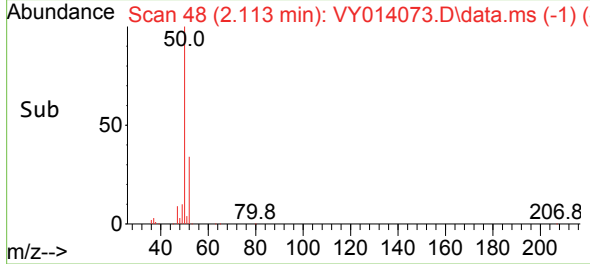
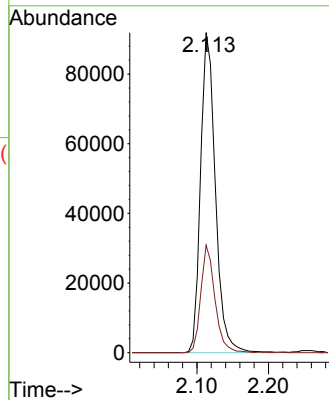
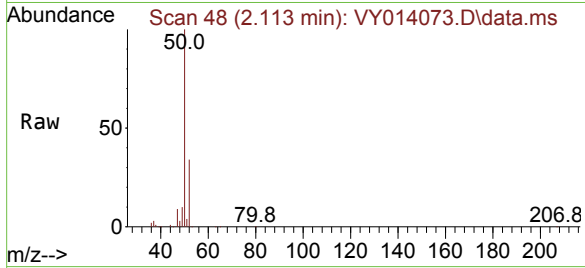




#3
Chloromethane
Concen: 47.018 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

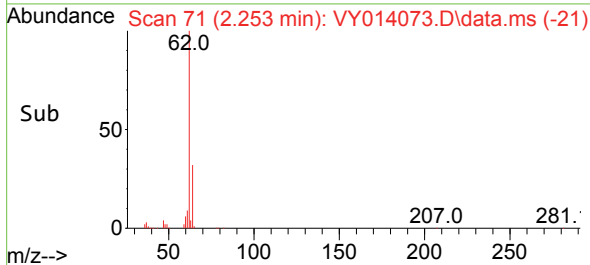
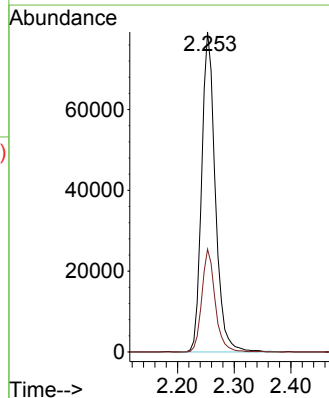
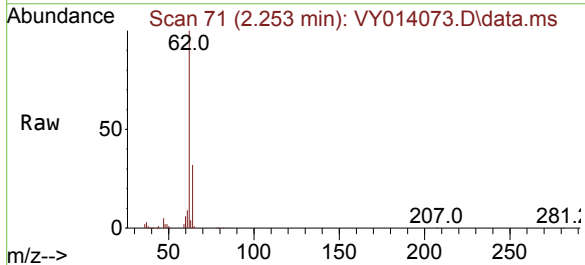
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

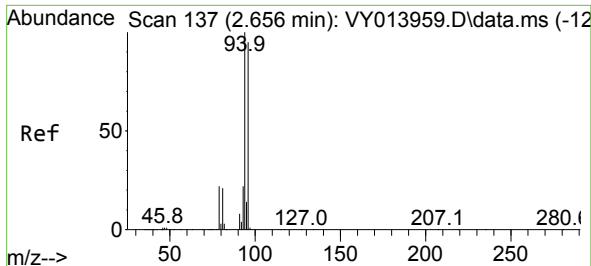
Tgt Ion: 50 Resp: 132101
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#4
Vinyl Chloride
Concen: 50.888 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 62 Resp: 132453
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5

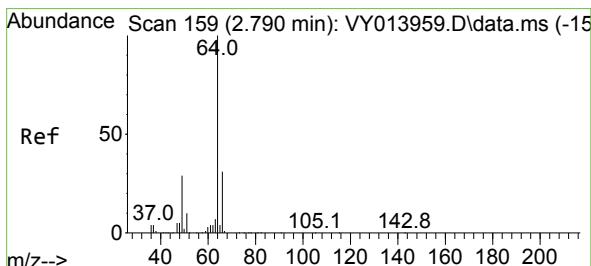
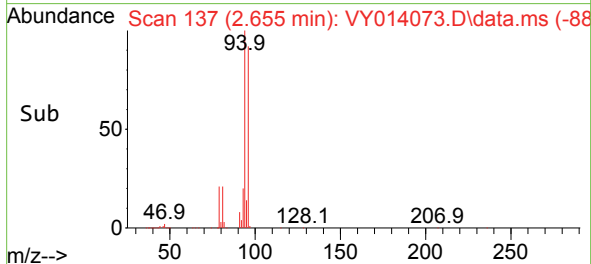
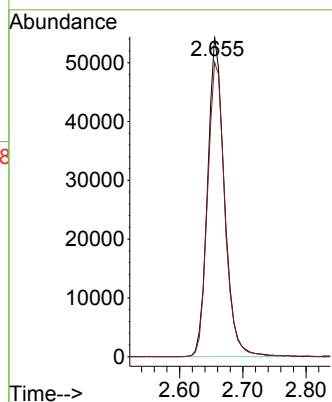
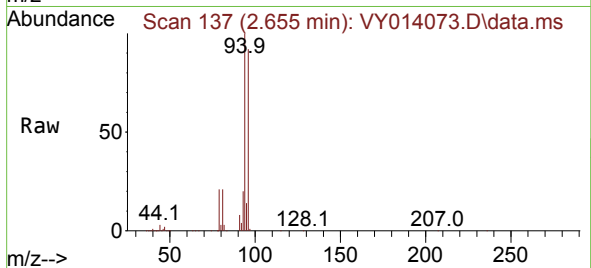




#5
Bromomethane
Concen: 44.254 ug/l
RT: 2.655 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

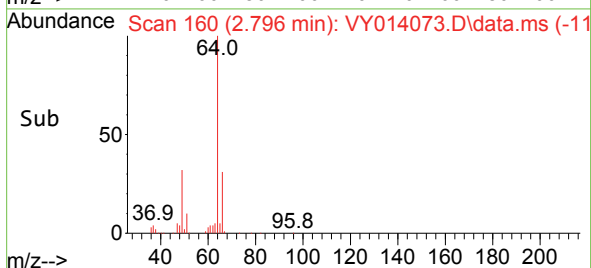
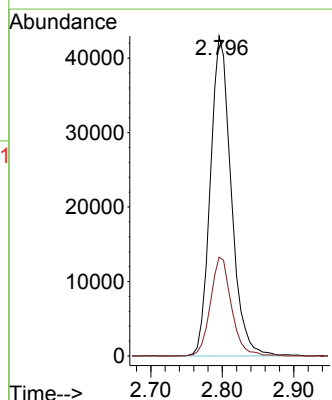
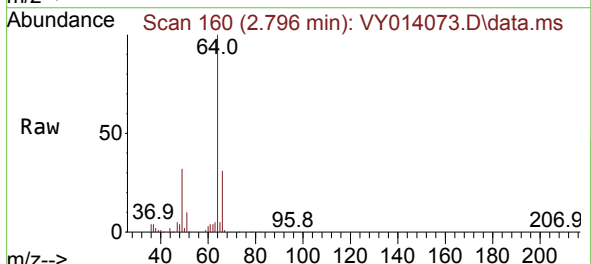
Instrument :
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ClientSampleId :
VSTDCCC050

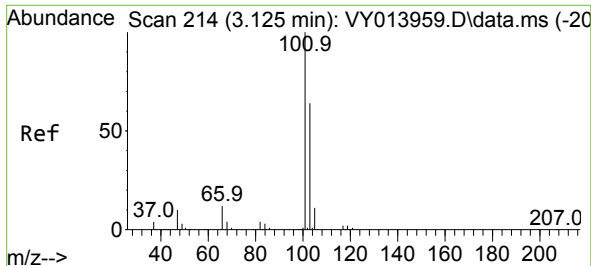
Tgt Ion: 94 Resp: 100299
Ion Ratio Lower Upper
94 100
96 92.0 75.8 113.6



#6
Chloroethane
Concen: 46.623 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 64 Resp: 86847
Ion Ratio Lower Upper
64 100
66 30.7 24.4 36.6

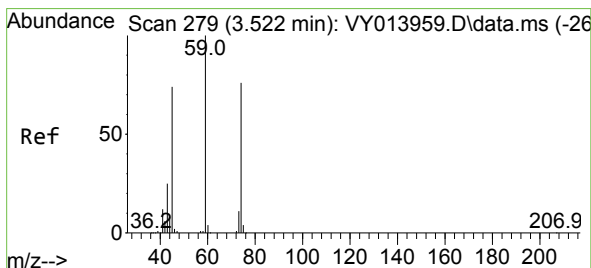
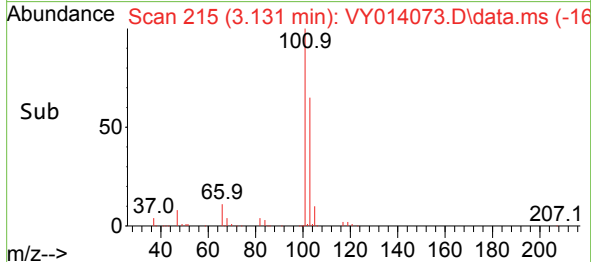
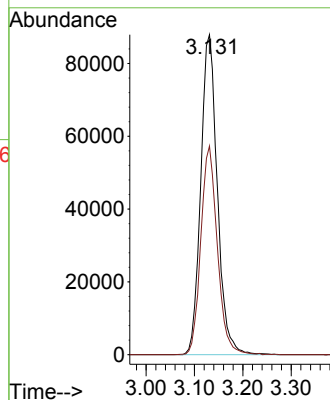
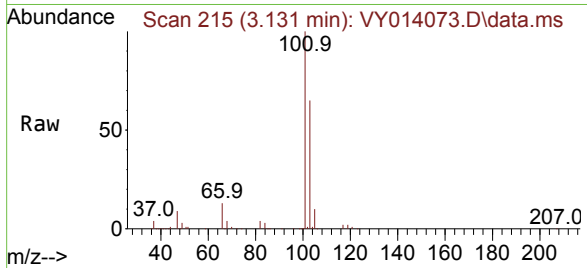




#7
Trichlorofluoromethane
Concen: 50.873 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

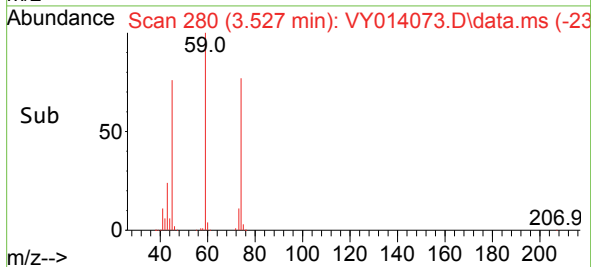
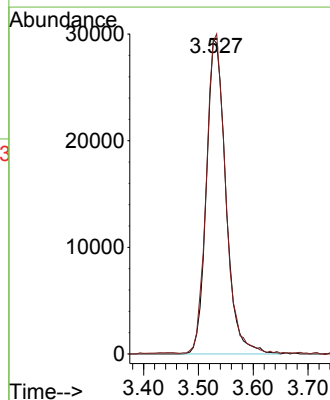
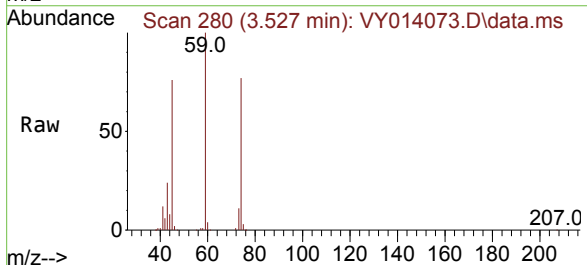
Instrument :
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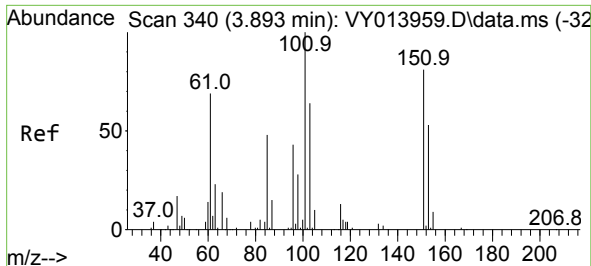
Tgt Ion:101 Resp: 209324
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.0



#8
Diethyl Ether
Concen: 44.900 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 74 Resp: 72429
Ion Ratio Lower Upper
74 100
45 101.2 51.5 154.5

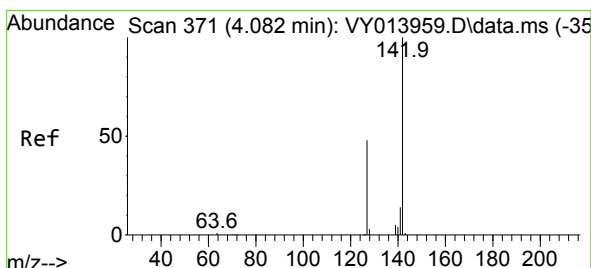
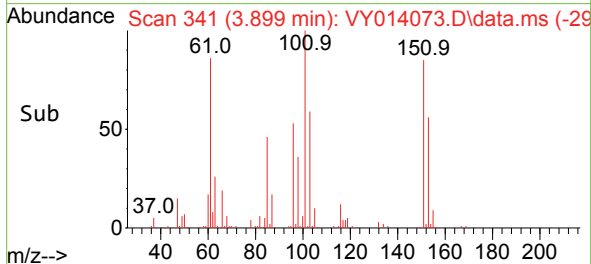
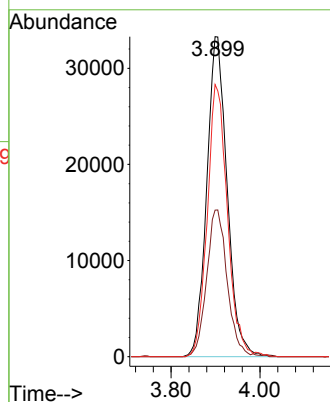
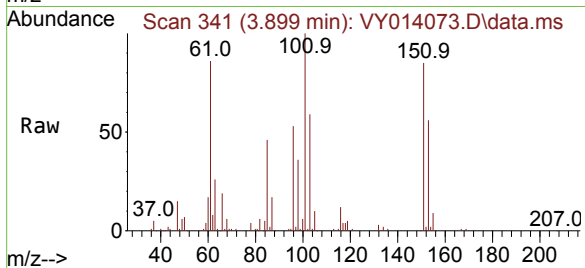




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.174 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

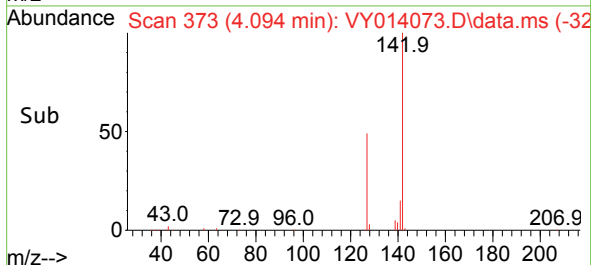
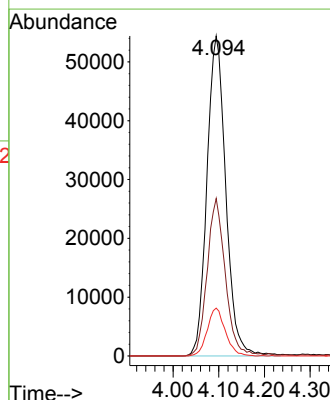
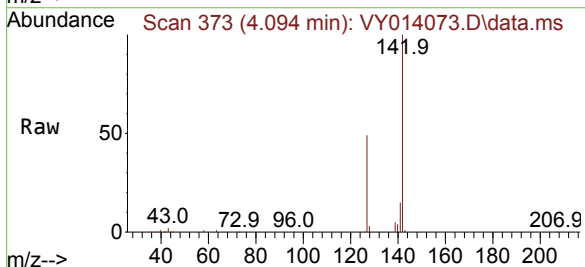
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

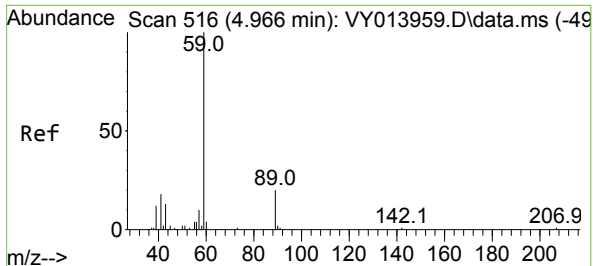
Tgt Ion:101 Resp: 106053
Ion Ratio Lower Upper
101 100
85 46.4 36.6 55.0
151 84.1 67.0 100.6



#10
Methyl Iodide
Concen: 53.573 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion:142 Resp: 156066
Ion Ratio Lower Upper
142 100
127 47.5 37.6 56.4
141 14.4 11.8 17.8

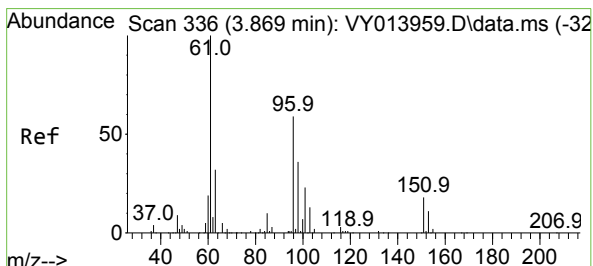
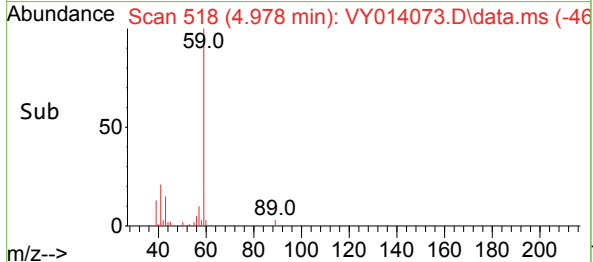
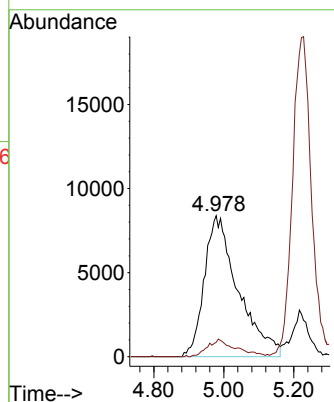
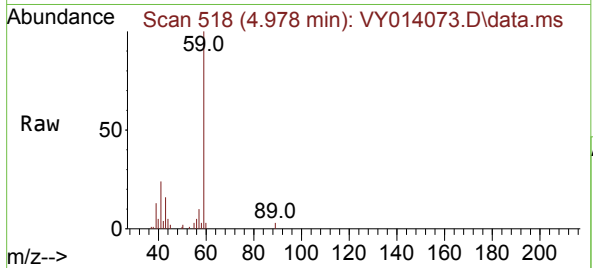




#11
Tert butyl alcohol
Concen: 89.757 ug/l
RT: 4.978 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

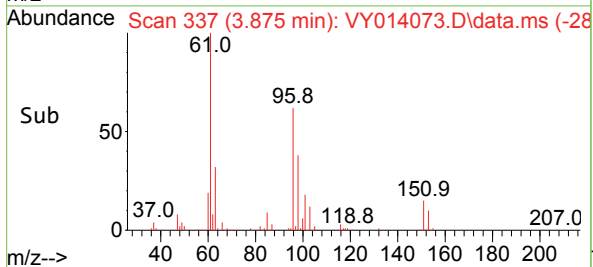
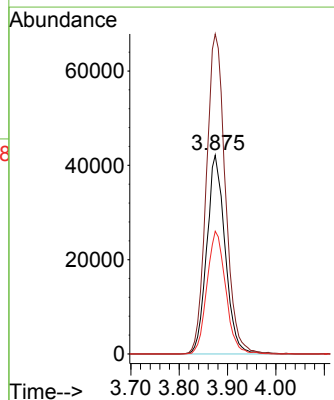
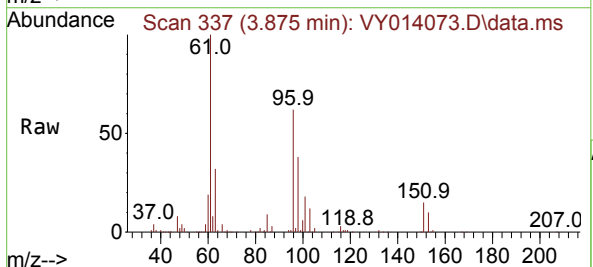
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

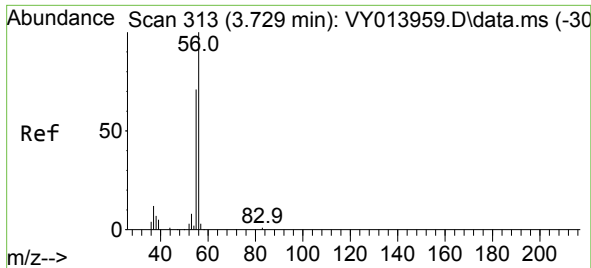
Tgt Ion: 59 Resp: 56300
Ion Ratio Lower Upper
59 100
57 7.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.078 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 96 Resp: 110984
Ion Ratio Lower Upper
96 100
61 161.0 136.4 204.6
98 61.7 49.4 74.2





#13

Acrolein

Concen: 210.105 ug/l

RT: 3.734 min Scan# 313

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

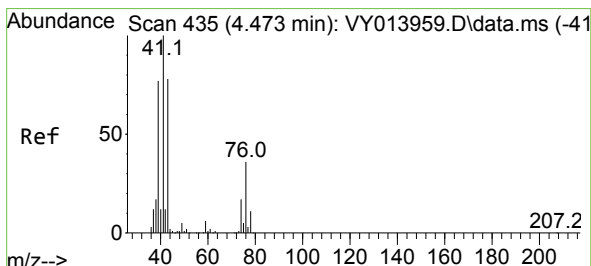
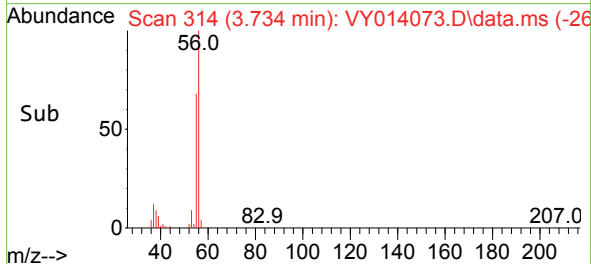
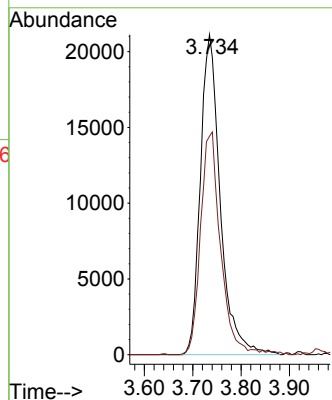
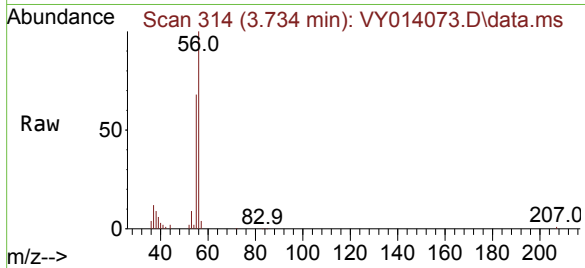
VSTDCCC050

Tgt Ion: 56 Resp: 60351

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 46.524 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

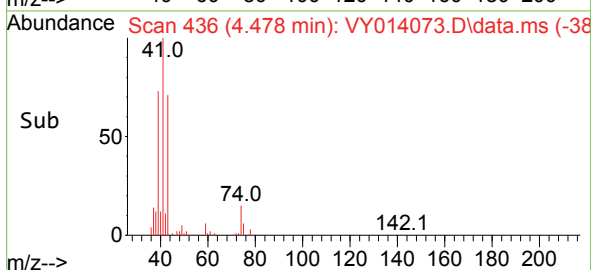
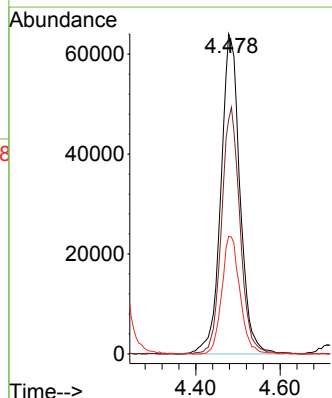
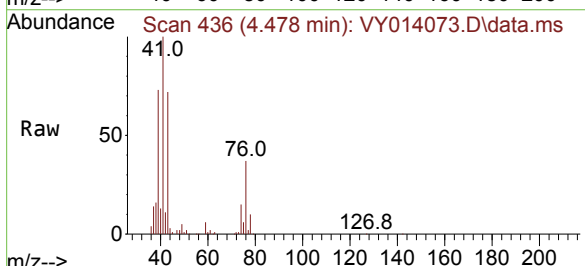
Tgt Ion: 41 Resp: 200100

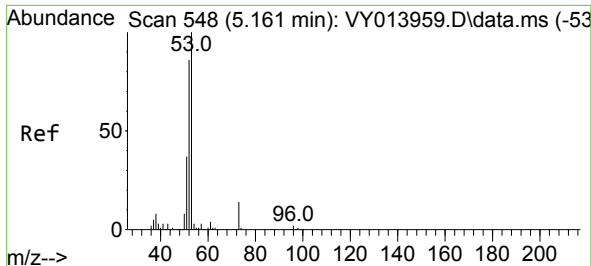
Ion Ratio Lower Upper

41 100

39 74.6 58.0 87.0

76 35.1 27.4 41.2

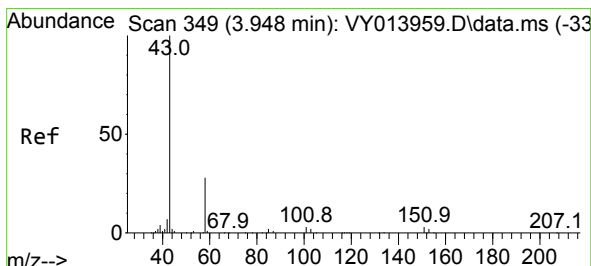
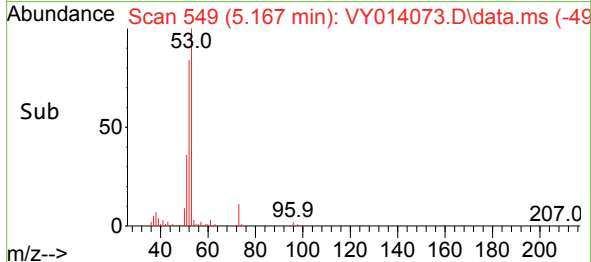
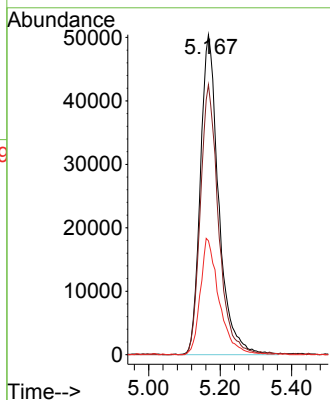
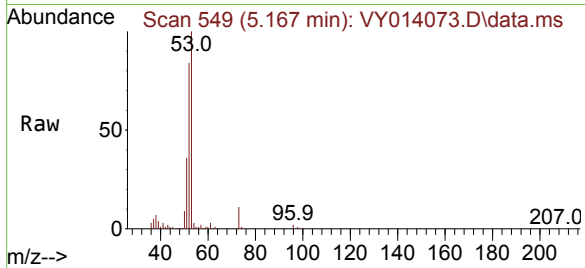




#15
Acrylonitrile
Concen: 200.237 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

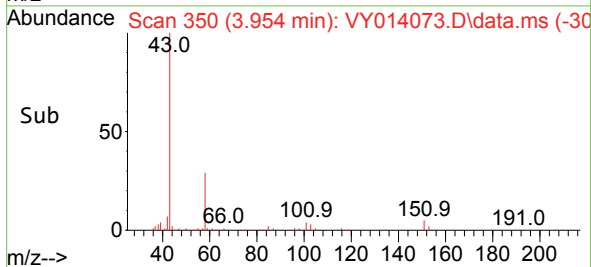
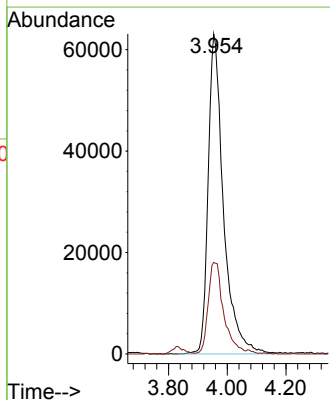
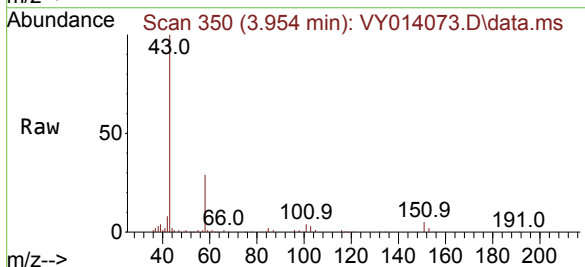
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

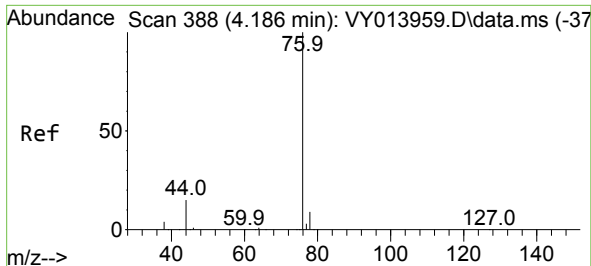
Tgt Ion: 53 Resp: 179240
Ion Ratio Lower Upper
53 100
52 83.3 66.9 100.3
51 37.4 29.8 44.6



#16
Acetone
Concen: 218.655 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 43 Resp: 228317
Ion Ratio Lower Upper
43 100
58 28.6 22.7 34.1

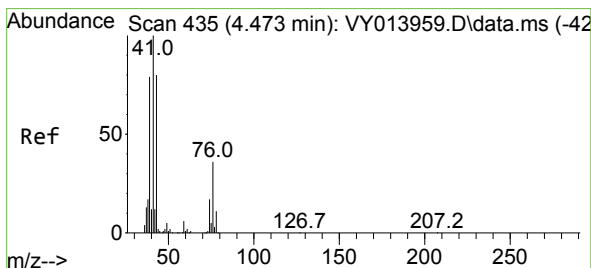
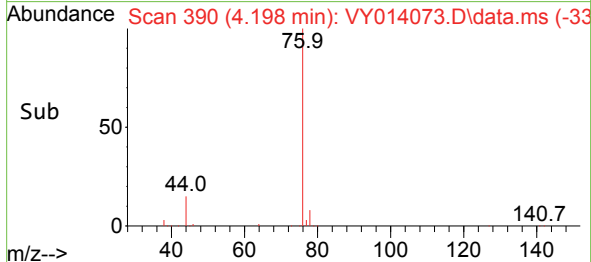
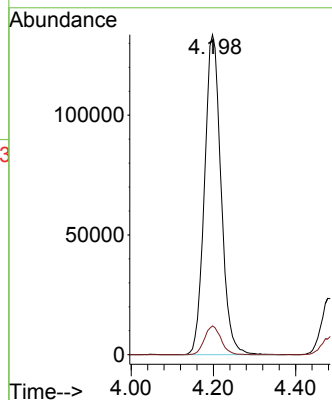
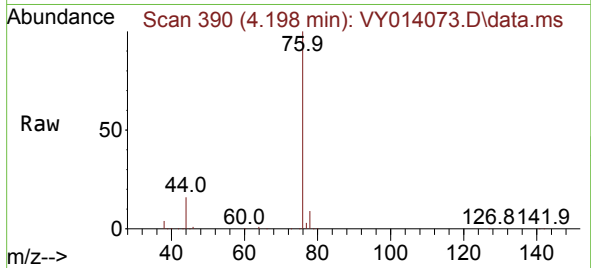




#17
Carbon Disulfide
Concen: 49.579 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

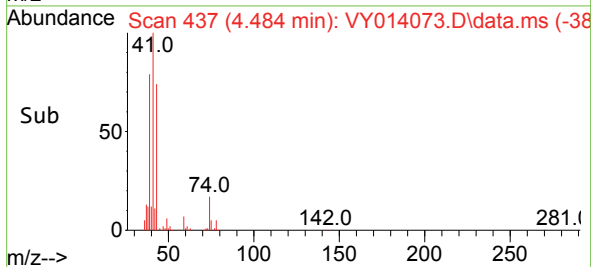
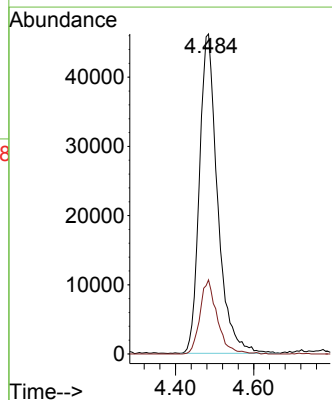
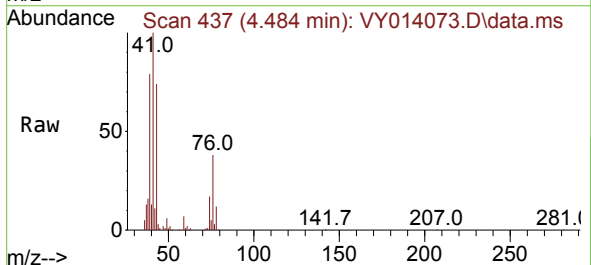
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

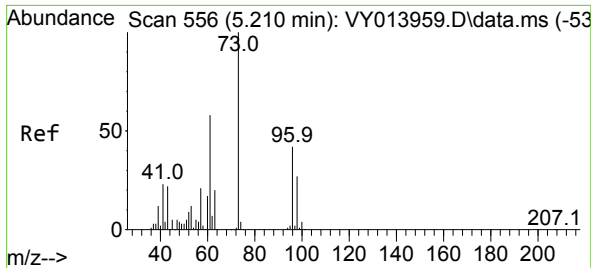
Tgt Ion: 76 Resp: 371550
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 39.451 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 43 Resp: 148831
Ion Ratio Lower Upper
43 100
74 22.0 17.4 26.0

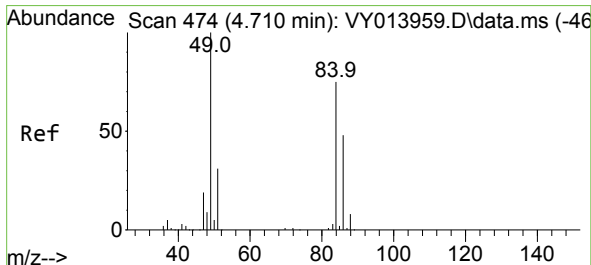
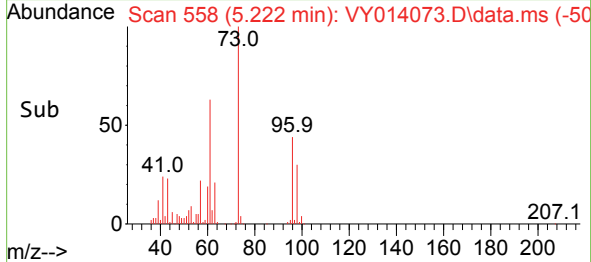
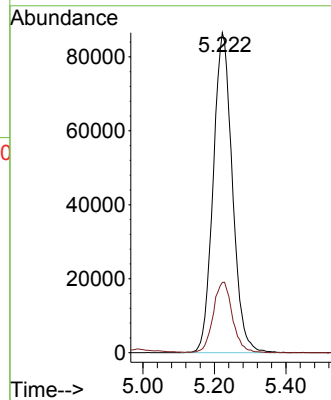
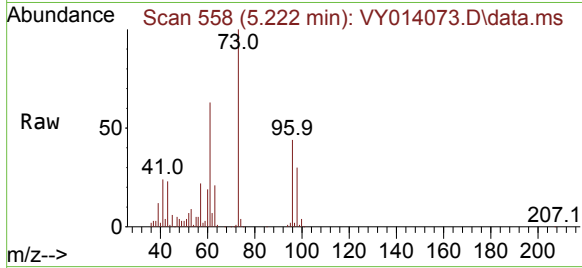




#19
Methyl tert-butyl Ether
Concen: 44.875 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

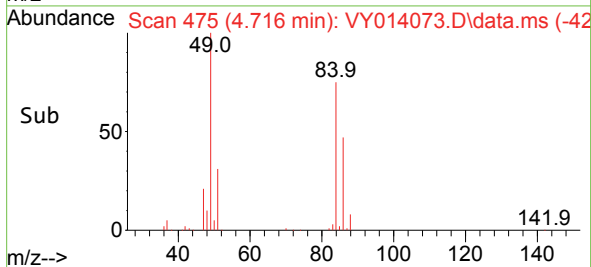
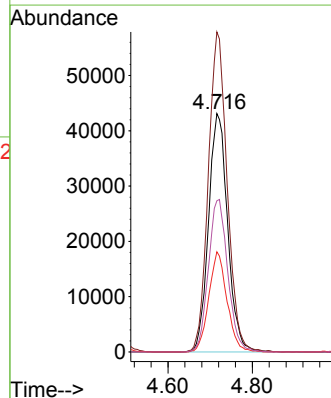
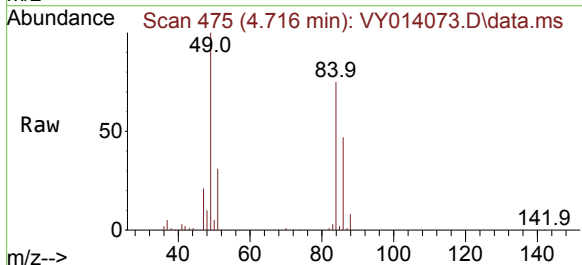
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

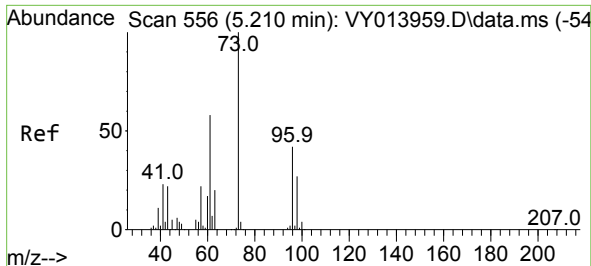
Tgt Ion: 73 Resp: 321762
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9



#20
Methylene Chloride
Concen: 48.064 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 84 Resp: 136188
Ion Ratio Lower Upper
84 100
49 134.2 106.9 160.3
51 42.0 33.2 49.8
86 63.4 51.0 76.6

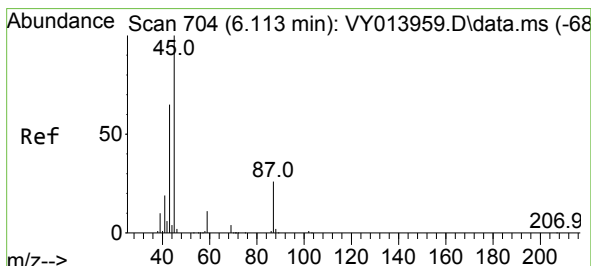
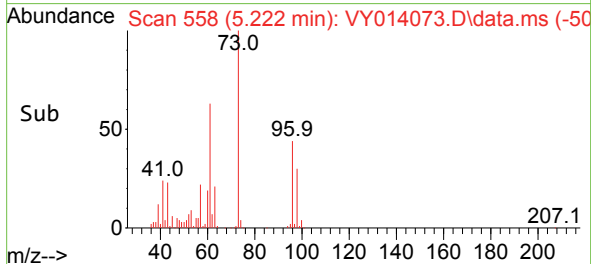
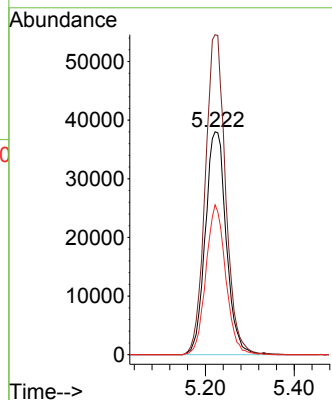
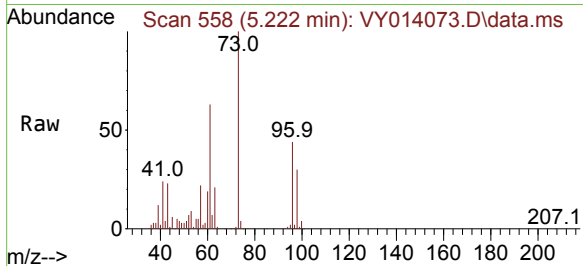




#21
trans-1,2-Dichloroethene
Concen: 49.573 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

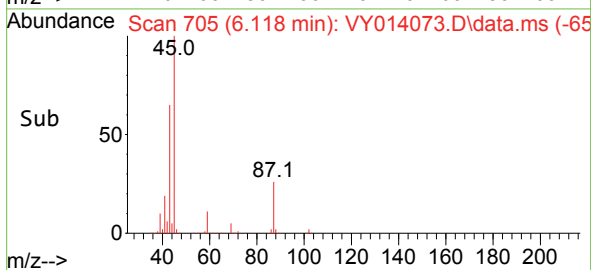
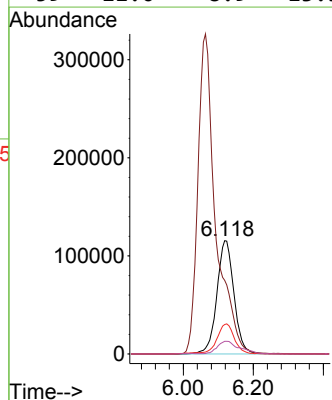
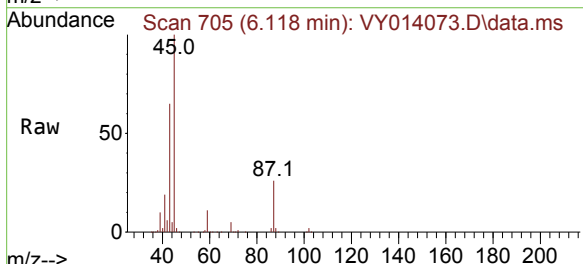
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

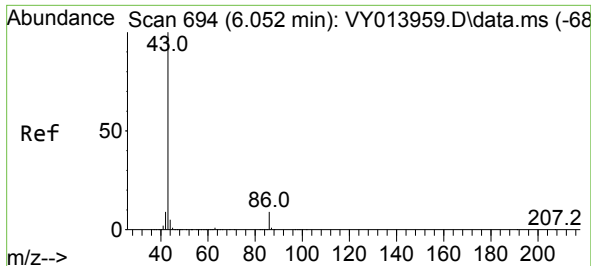
Tgt Ion: 96 Resp: 124443
Ion Ratio Lower Upper
96 100
61 143.5 110.2 165.4
98 67.2 51.8 77.6



#22
Diisopropyl ether
Concen: 47.020 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 45 Resp: 392000
Ion Ratio Lower Upper
45 100
43 64.8 52.2 78.4
87 26.0 21.0 31.6
59 11.0 8.9 13.3

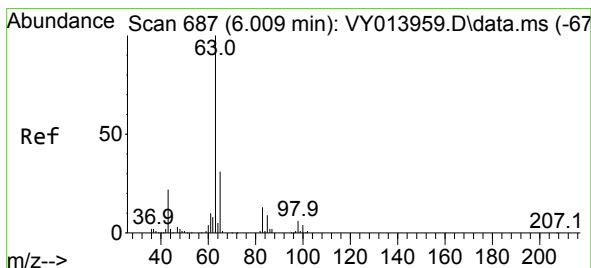
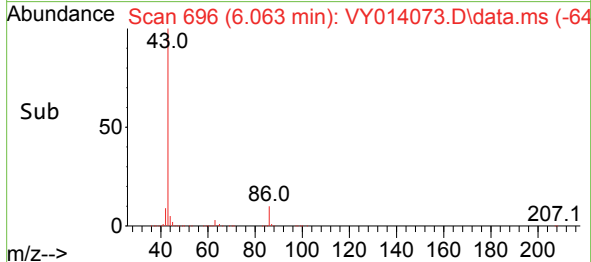
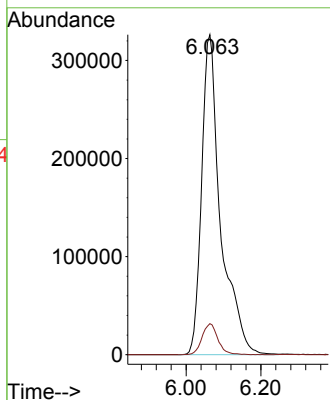
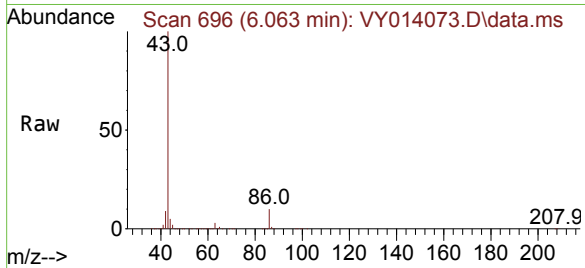




#23
 Vinyl Acetate
 Concen: 220.364 ug/l
 RT: 6.063 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY014073.D
 Acq: 08 Jun 2023 13:06

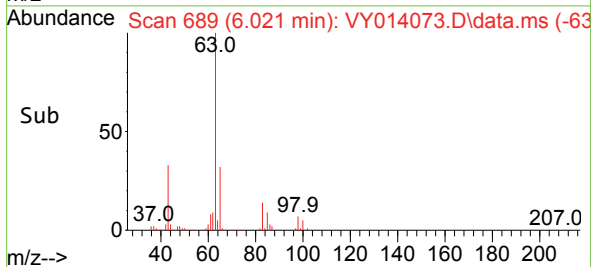
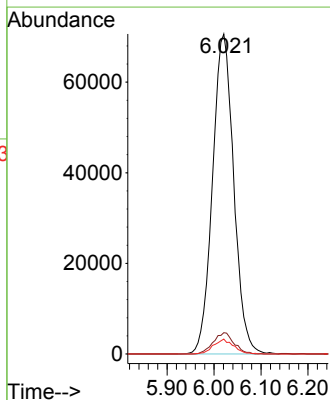
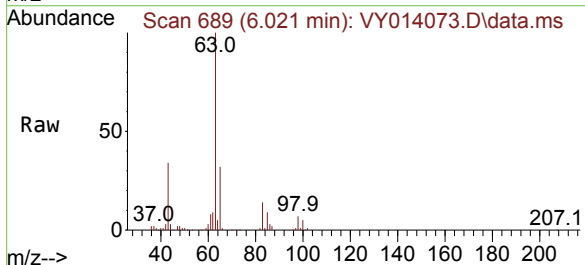
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

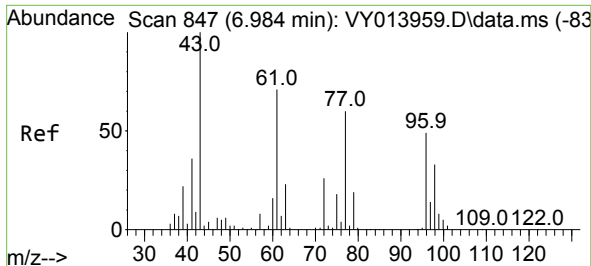
Tgt Ion: 43 Resp: 1152302
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 47.640 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.012 min
 Lab File: VY014073.D
 Acq: 08 Jun 2023 13:06

Tgt Ion: 63 Resp: 221688
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 199.548 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

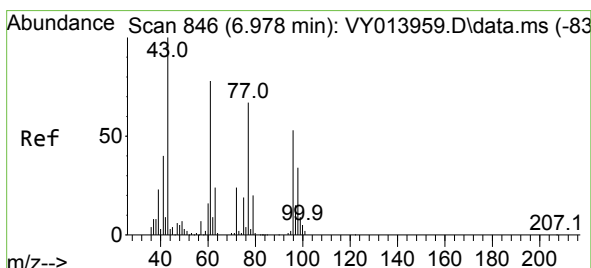
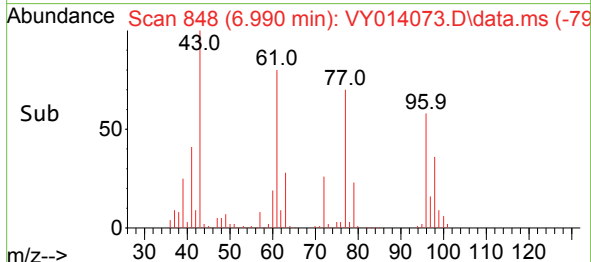
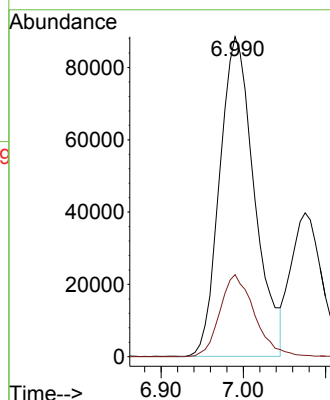
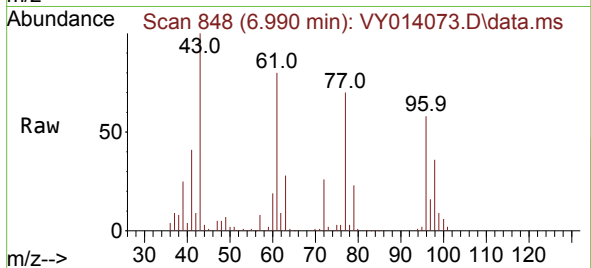
VSTDCCC050

Tgt Ion: 43 Resp: 259580

Ion Ratio Lower Upper

43 100

72 25.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 47.607 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY014073.D

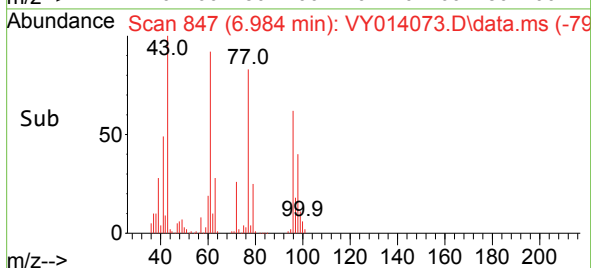
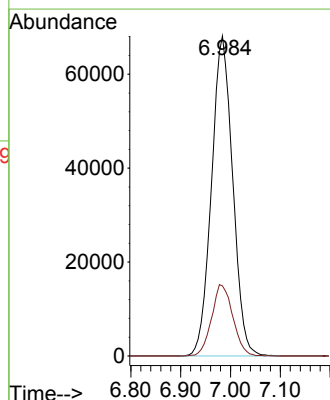
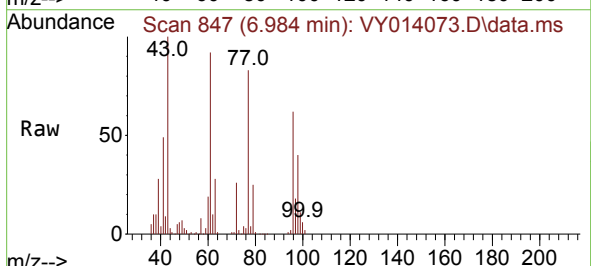
Acq: 08 Jun 2023 13:06

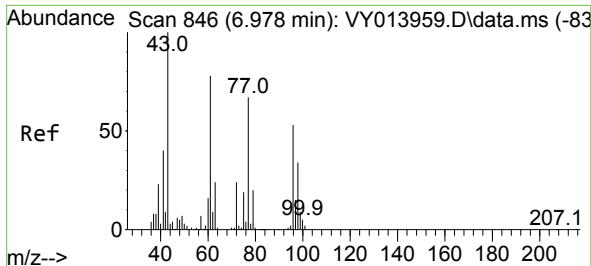
Tgt Ion: 77 Resp: 201052

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.181 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY014073.D

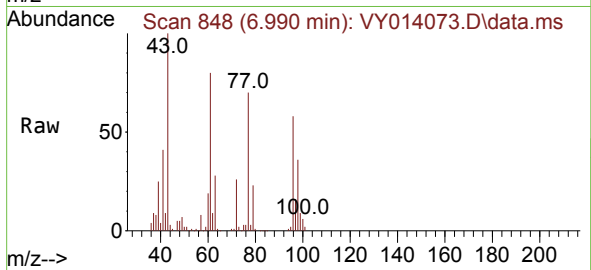
Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

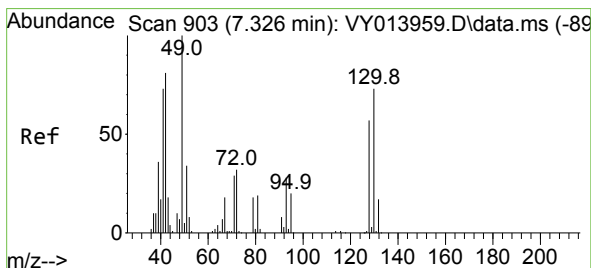
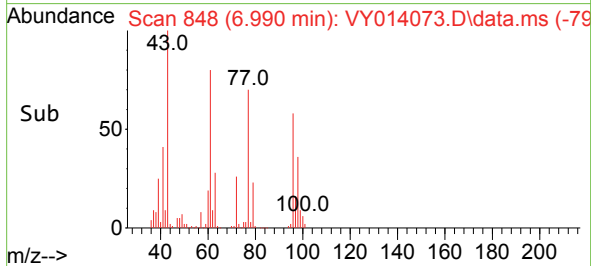
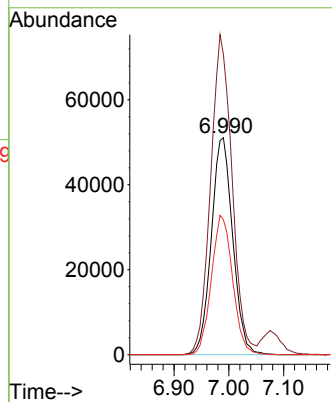
ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 138476

Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	301.4
98	63.7	0.0	130.4



#28

Bromochloromethane

Concen: 47.791 ug/l

RT: 7.337 min Scan# 905

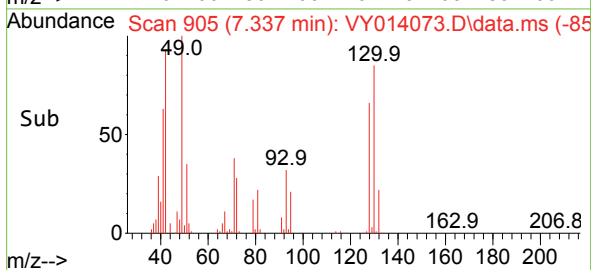
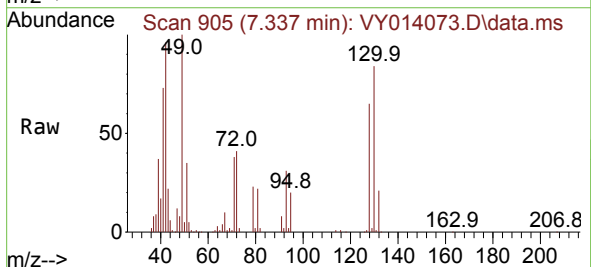
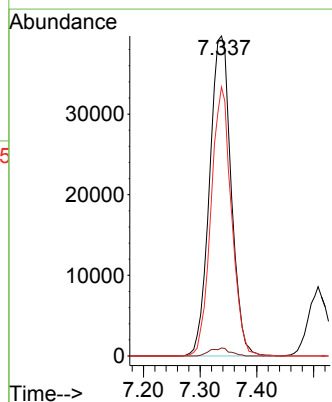
Delta R.T. 0.012 min

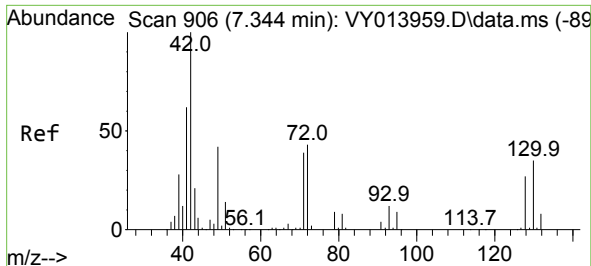
Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Tgt Ion: 49 Resp: 105028

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	79.5	60.7	91.1





#29

Tetrahydrofuran

Concen: 189.606 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

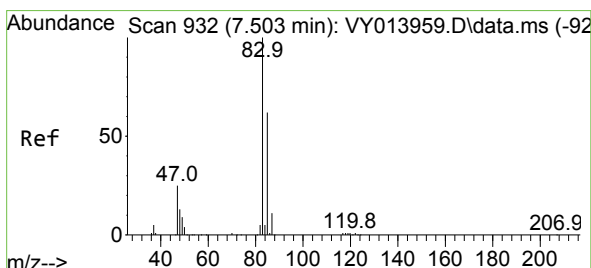
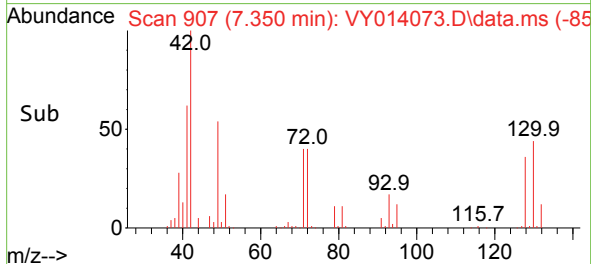
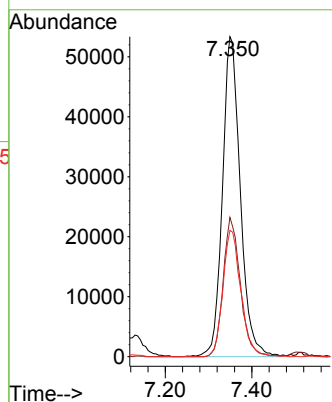
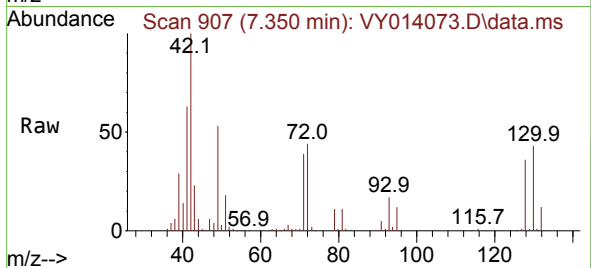
Tgt Ion: 42 Resp: 153378

Ion Ratio Lower Upper

42 100

72 41.7 32.8 49.2

71 39.7 31.0 46.4



#30

Chloroform

Concen: 48.710 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.006 min

Lab File: VY014073.D

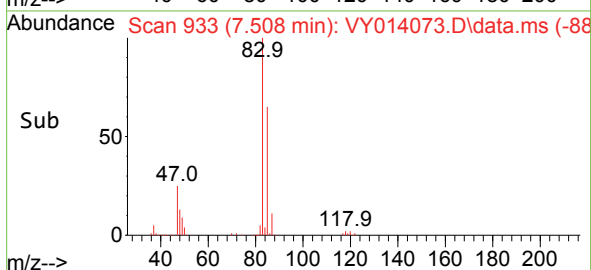
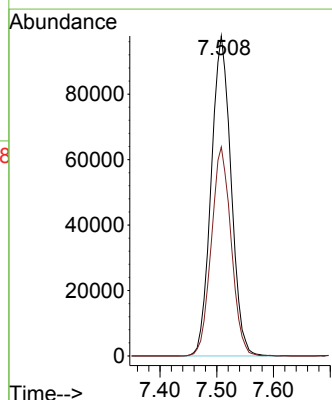
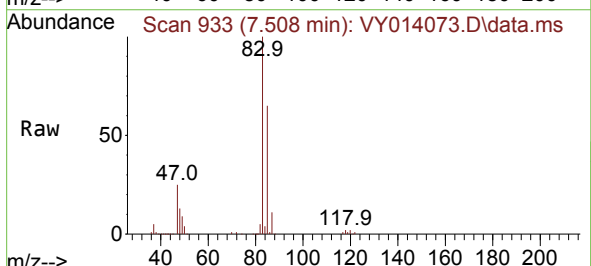
Acq: 08 Jun 2023 13:06

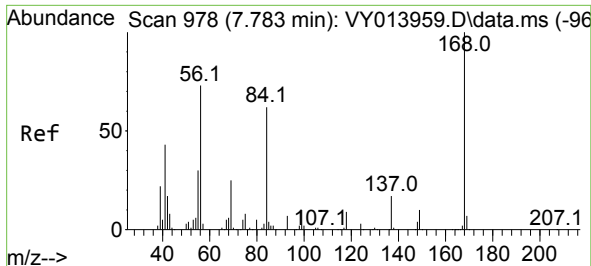
Tgt Ion: 83 Resp: 237988

Ion Ratio Lower Upper

83 100

85 65.3 49.7 74.5

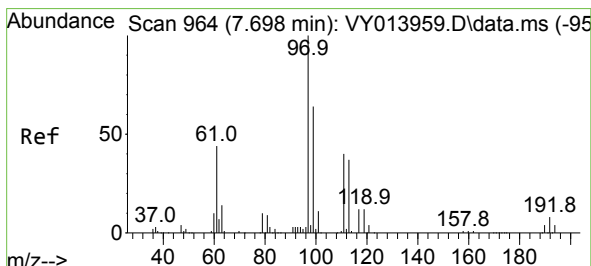
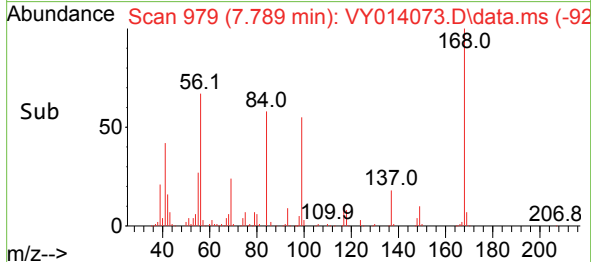
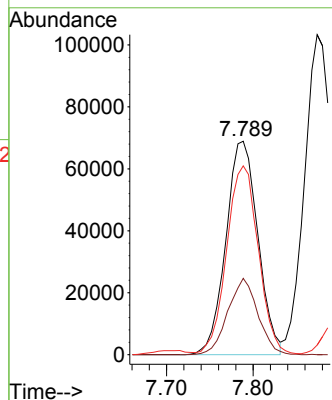
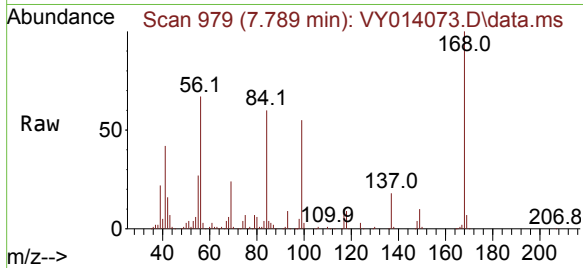




#31
Cyclohexane
Concen: 48.160 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

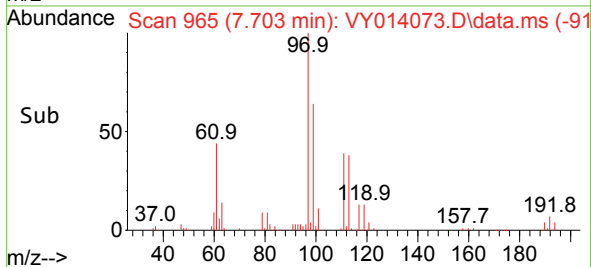
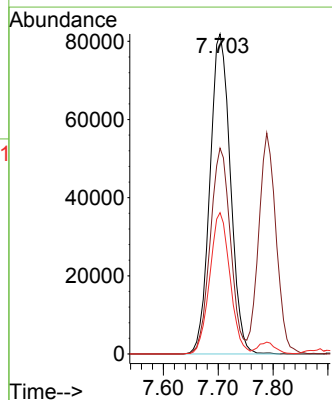
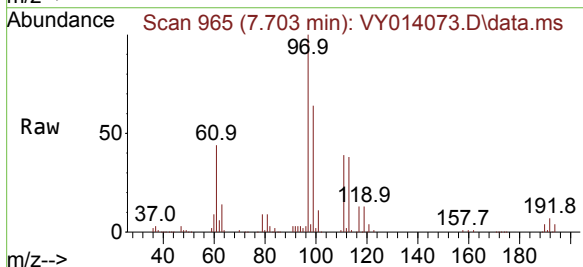
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

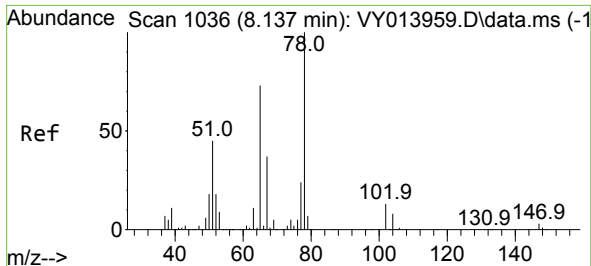
Tgt Ion: 56 Resp: 176988
Ion Ratio Lower Upper
56 100
69 35.7 27.8 41.6
84 86.5 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 51.129 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 97 Resp: 211896
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 43.8 35.1 52.7

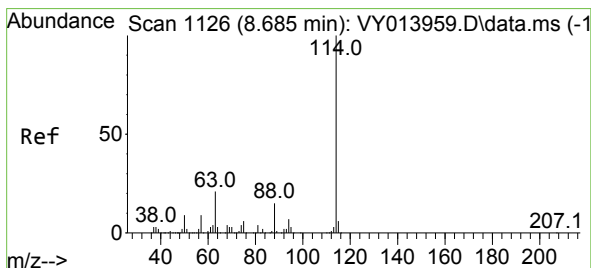
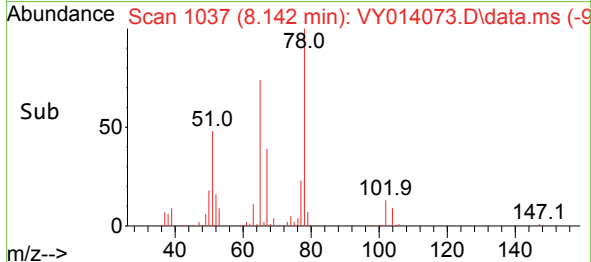
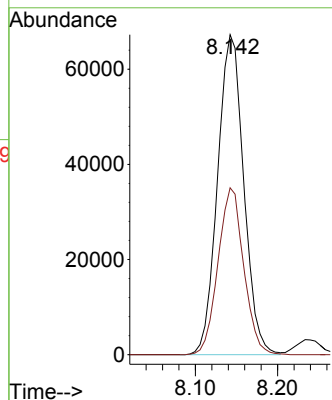
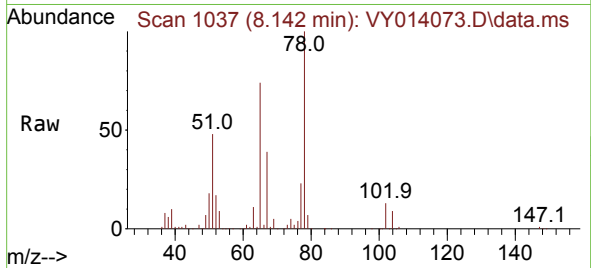




#33
1,2-Dichloroethane-d4
Concen: 48.773 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

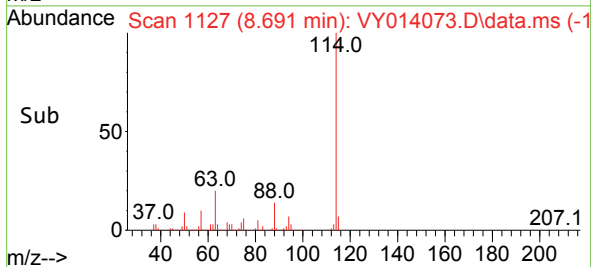
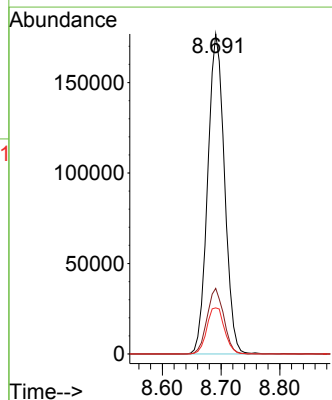
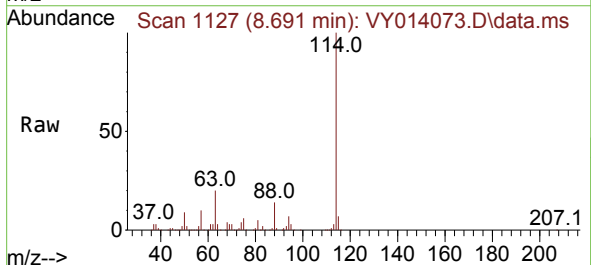
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

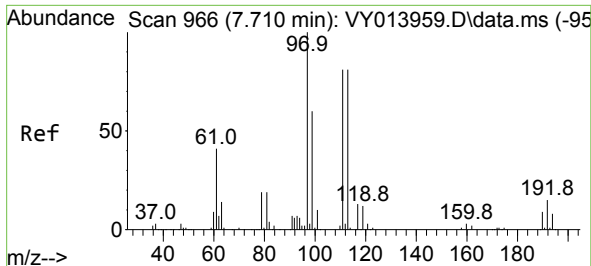
Tgt Ion: 65 Resp: 148856
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 114 Resp: 350908
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.4
88 14.4 0.0 30.6

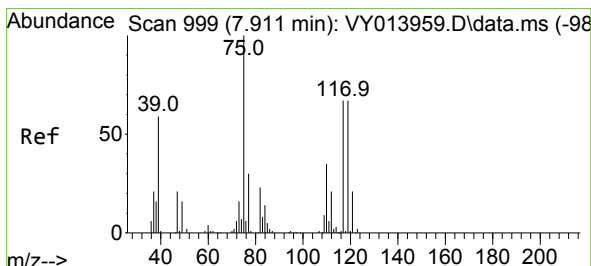
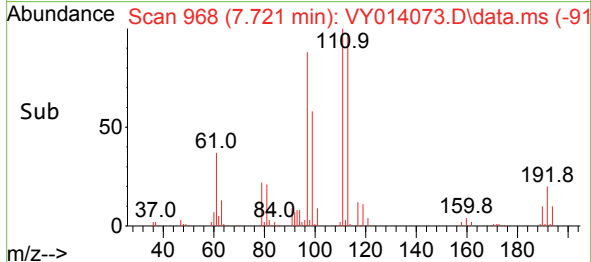
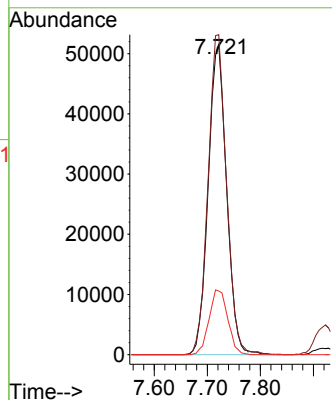
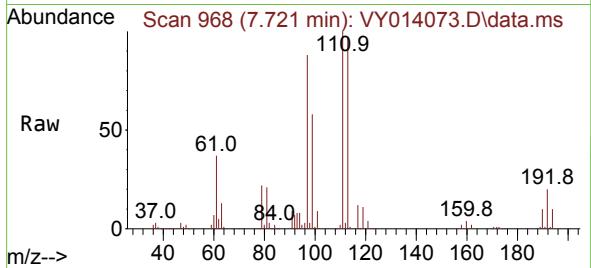




#35
Dibromofluoromethane
Concen: 55.564 ug/l
RT: 7.721 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

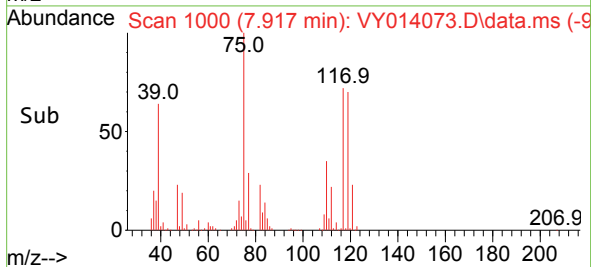
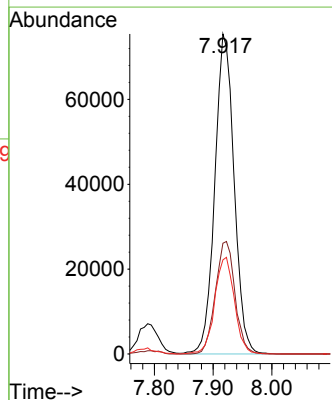
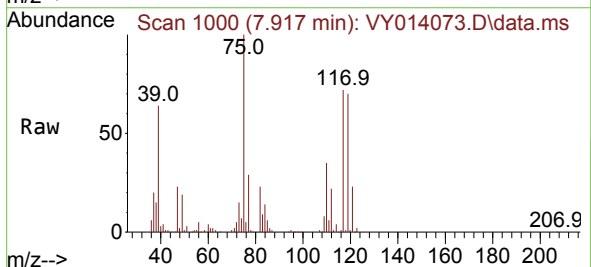
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

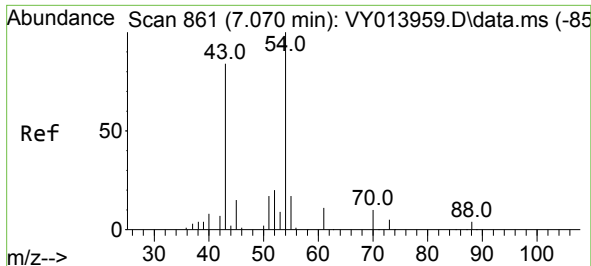
Tgt Ion:113 Resp: 123910
Ion Ratio Lower Upper
113 100
111 103.7 81.3 121.9
192 21.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 54.176 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 75 Resp: 172124
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 39.474 ug/l

RT: 7.075 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

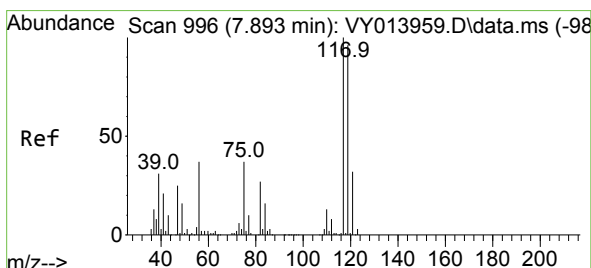
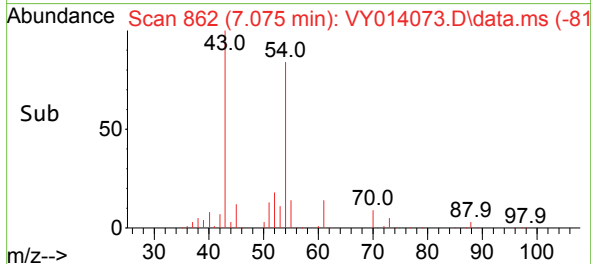
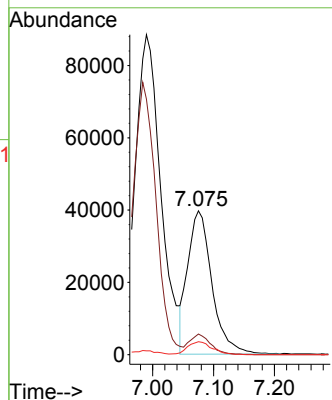
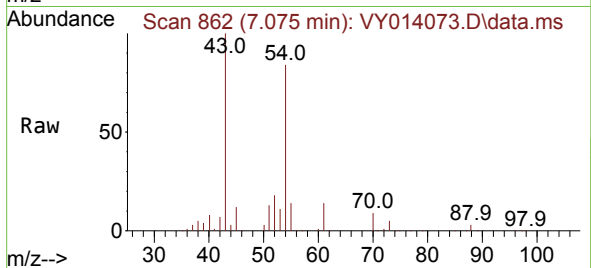
Tgt Ion: 43 Resp: 109343

Ion Ratio Lower Upper

43 100

61 12.4 10.1 15.1

70 9.3 7.1 10.7



#38

Carbon Tetrachloride

Concen: 55.268 ug/l

RT: 7.898 min Scan# 997

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

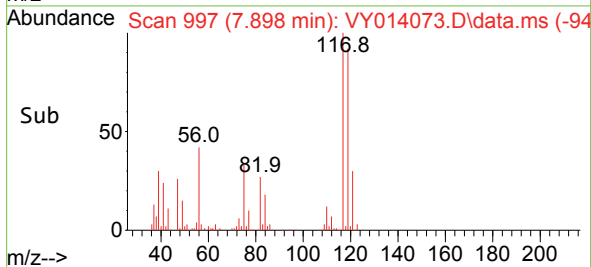
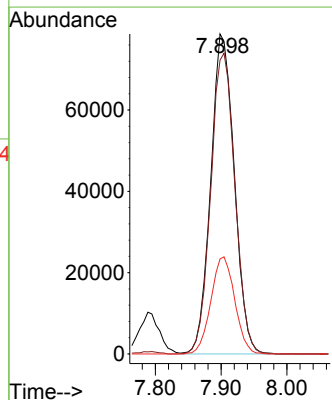
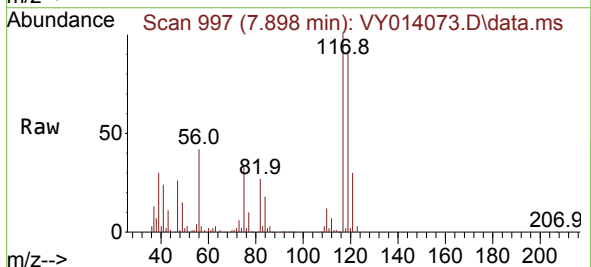
Tgt Ion: 117 Resp: 196765

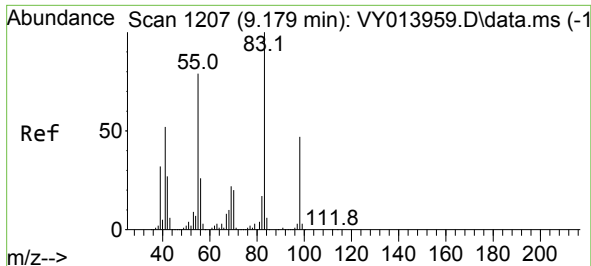
Ion Ratio Lower Upper

117 100

119 91.8 76.4 114.6

121 29.7 25.8 38.6





#39

Methylcyclohexane

Concen: 55.749 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

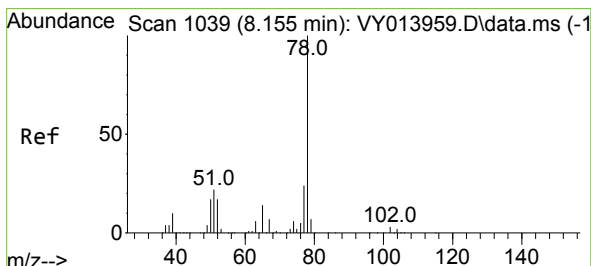
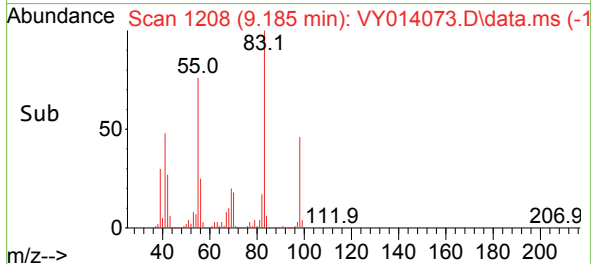
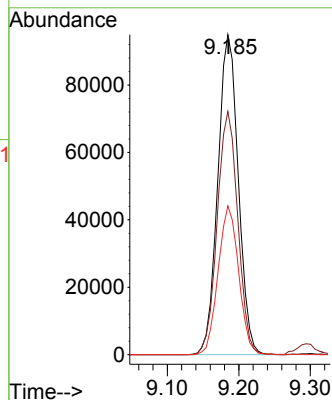
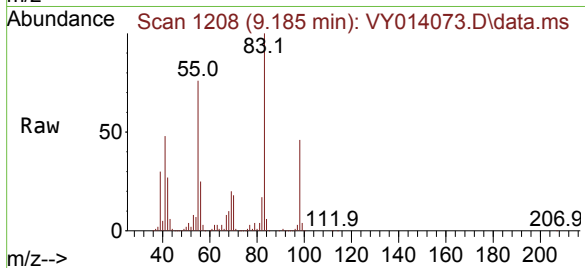
Tgt Ion: 83 Resp: 189091

Ion Ratio Lower Upper

83 100

55 76.0 63.0 94.4

98 46.5 37.4 56.2



#40

Benzene

Concen: 52.175 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY014073.D

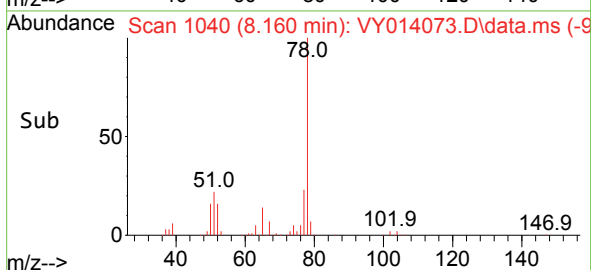
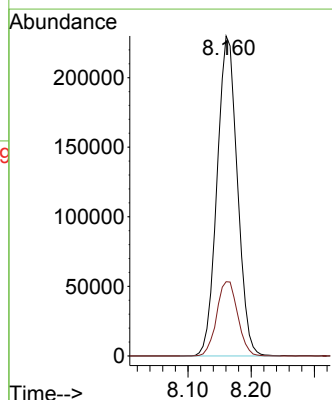
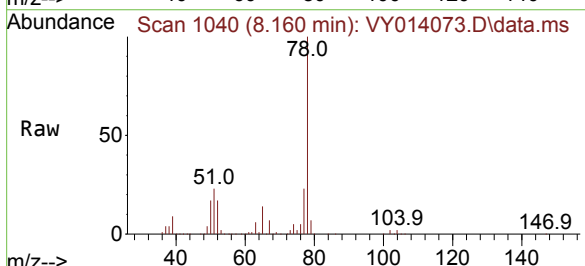
Acq: 08 Jun 2023 13:06

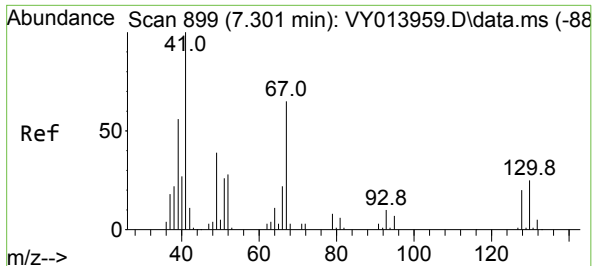
Tgt Ion: 78 Resp: 511360

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

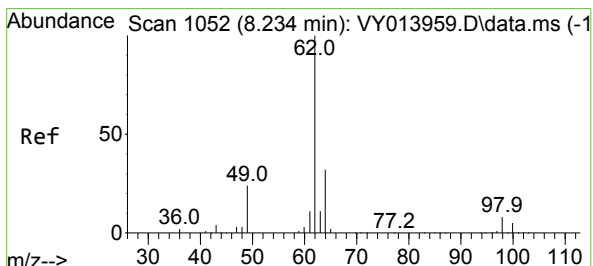
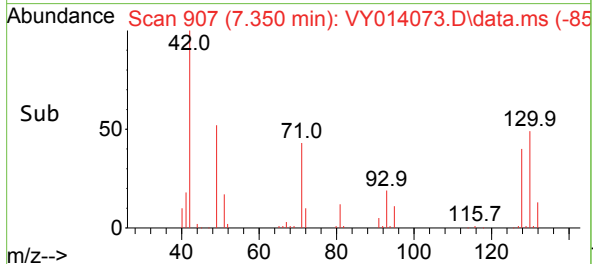
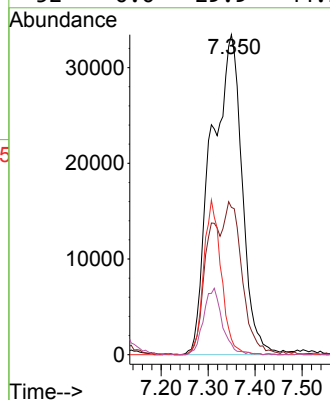
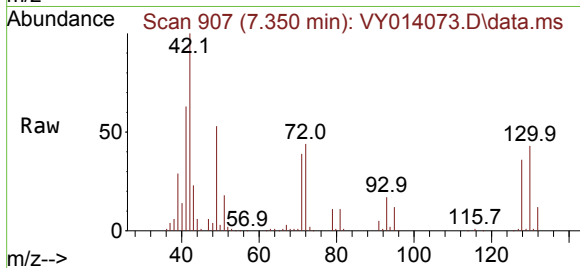




#41
Methacrylonitrile
Concen: 118.591 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.048 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

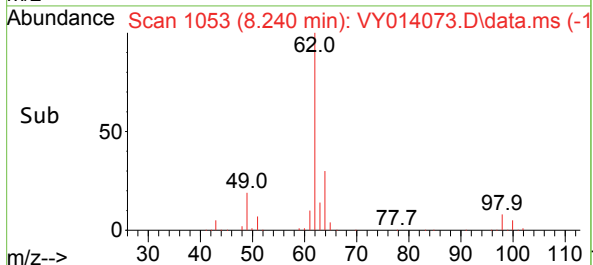
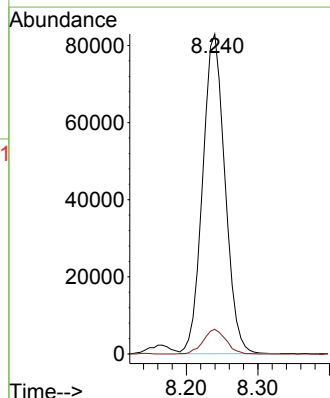
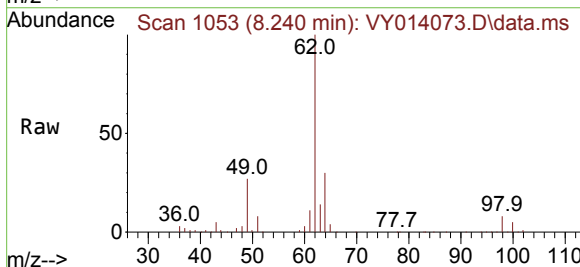
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

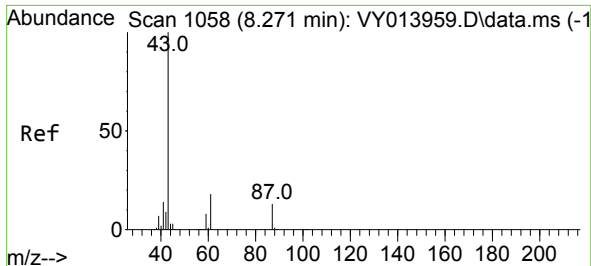
Tgt Ion:	41	Resp:	151828
Ion	Ratio	Lower	Upper
41	100		
39	0.0	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 50.014 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion:	62	Resp:	179746
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	15.8

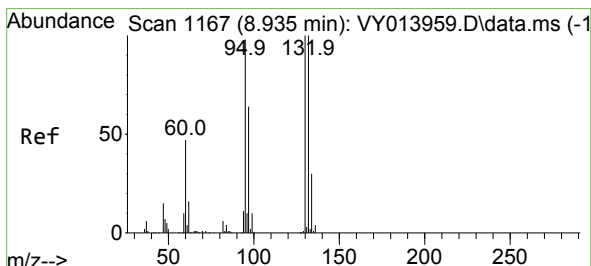
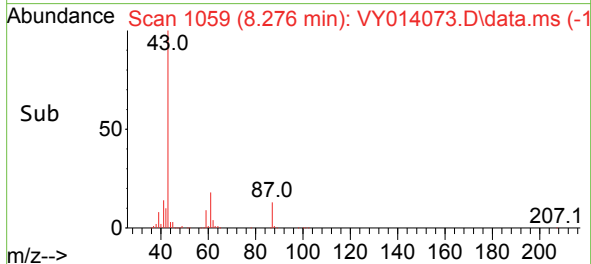
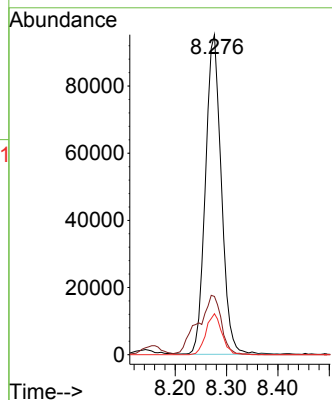
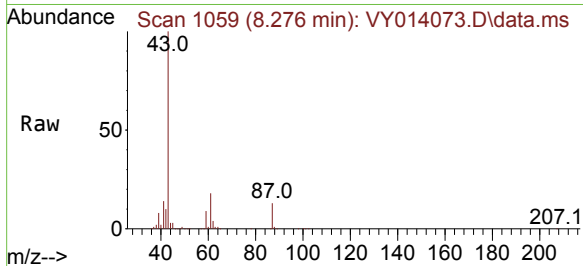




#43
Isopropyl Acetate
Concen: 43.630 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

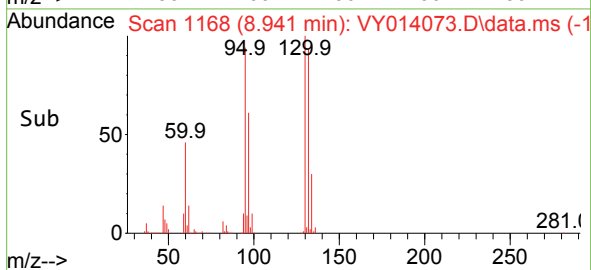
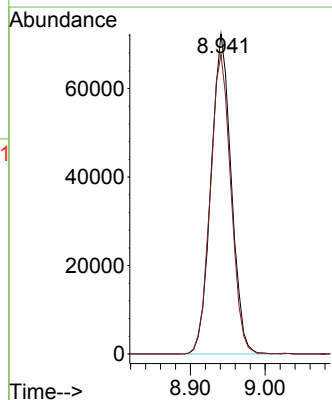
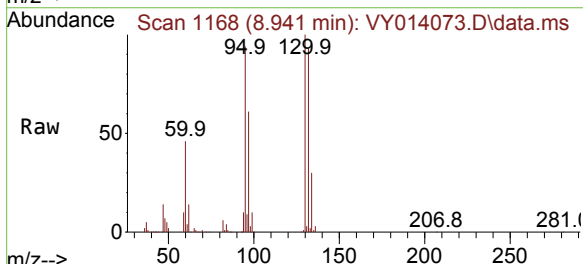
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

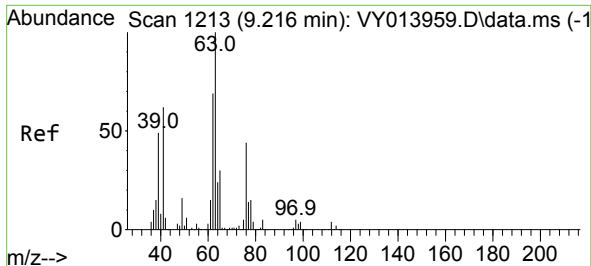
Tgt Ion: 43 Resp: 203499
Ion Ratio Lower Upper
43 100
61 27.4 21.1 31.7
87 12.9 9.8 14.8



#44
Trichloroethene
Concen: 53.033 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion:130 Resp: 136114
Ion Ratio Lower Upper
130 100
95 93.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 50.339 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

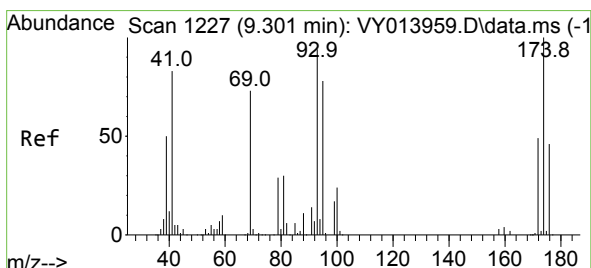
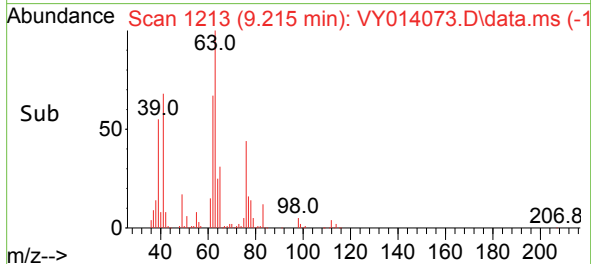
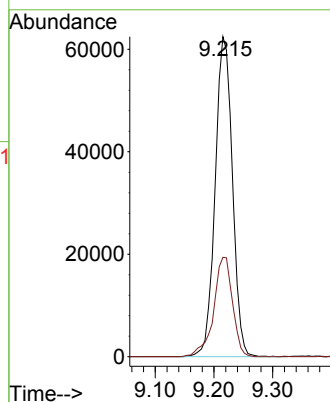
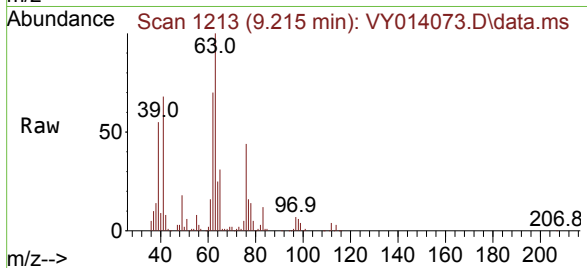
VSTDCCC050

Tgt Ion: 63 Resp: 127321

Ion Ratio Lower Upper

63 100

65 31.1 23.8 35.6



#46

Dibromomethane

Concen: 48.455 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

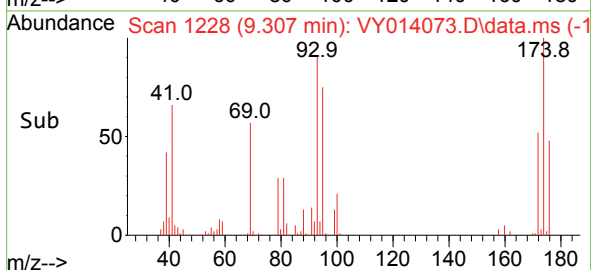
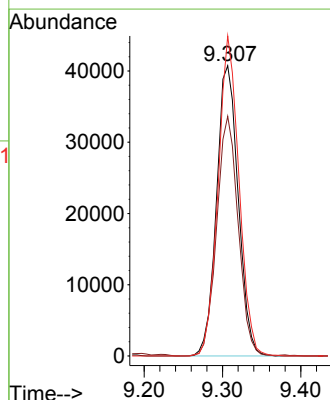
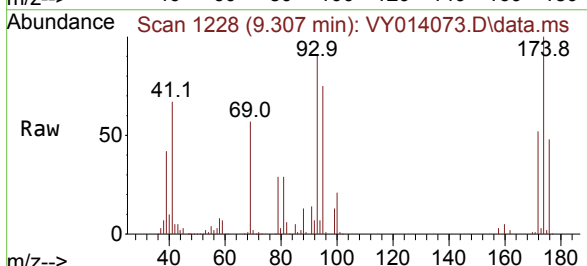
Tgt Ion: 93 Resp: 78459

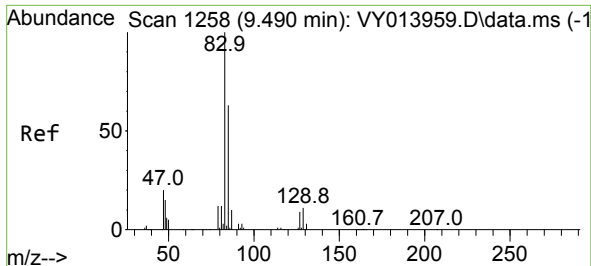
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 106.5 84.8 127.2

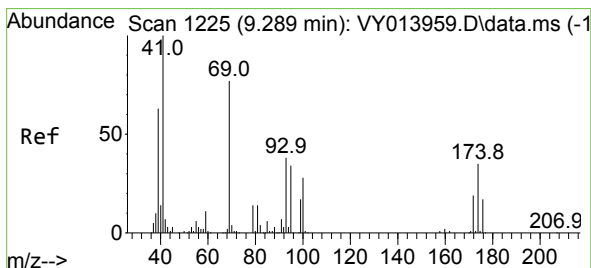
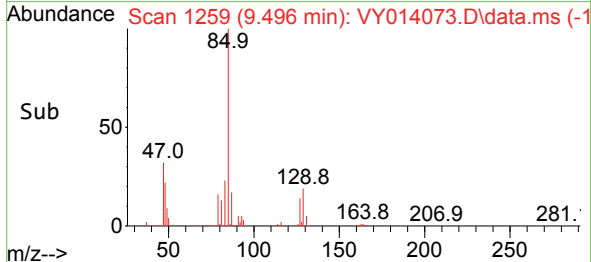
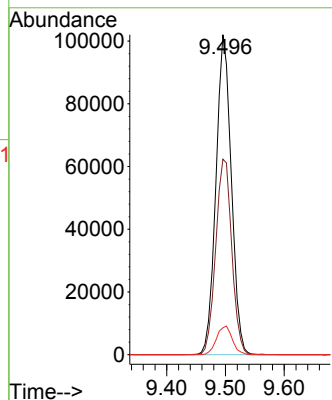
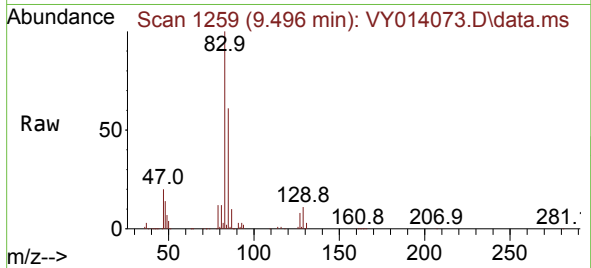




#47
Bromodichloromethane
Concen: 50.809 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

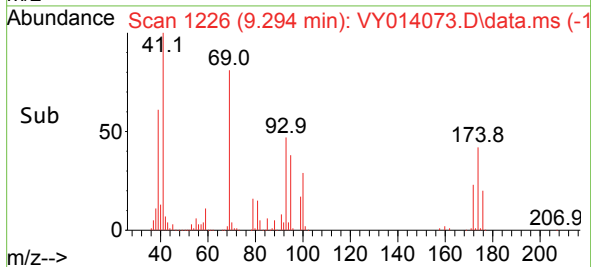
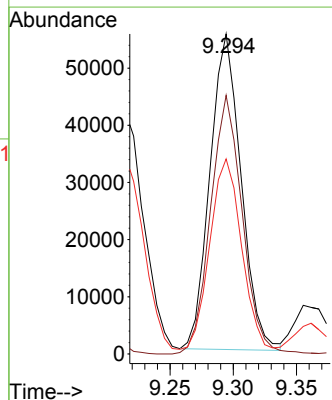
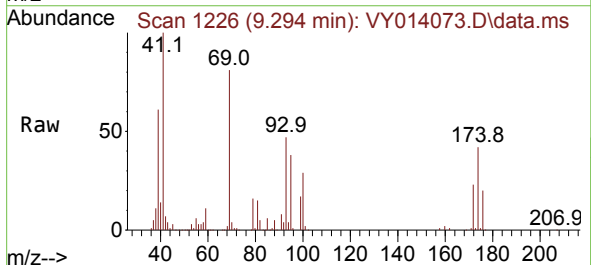
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

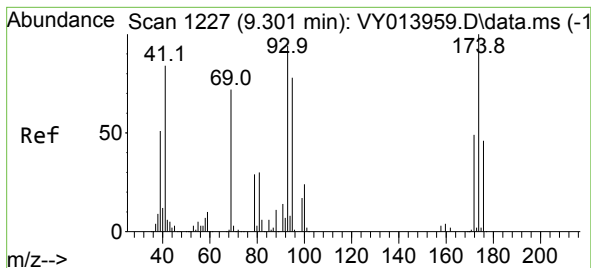
Tgt Ion: 83 Resp: 185330
Ion Ratio Lower Upper
83 100
85 61.1 50.1 75.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 44.490 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 41 Resp: 94450
Ion Ratio Lower Upper
41 100
69 83.5 64.5 96.7
39 64.3 50.8 76.2





#49

1,4-Dioxane

Concen: 869.815 ug/l

RT: 9.319 min Scan# 1227

Delta R.T. 0.018 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

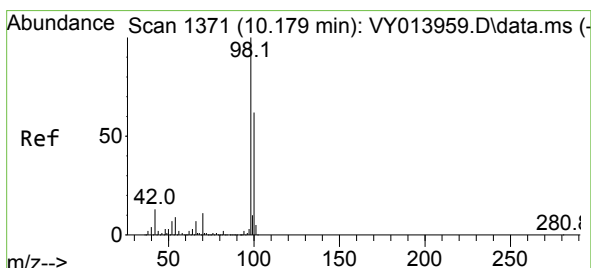
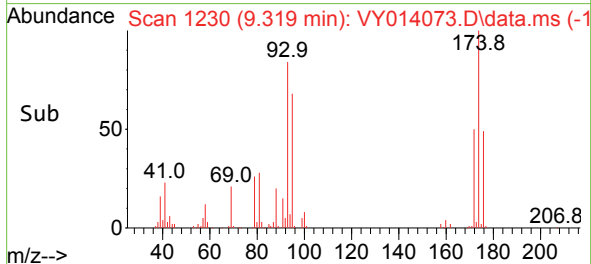
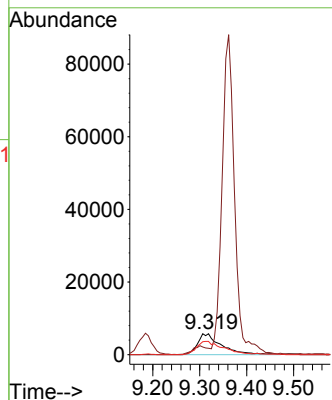
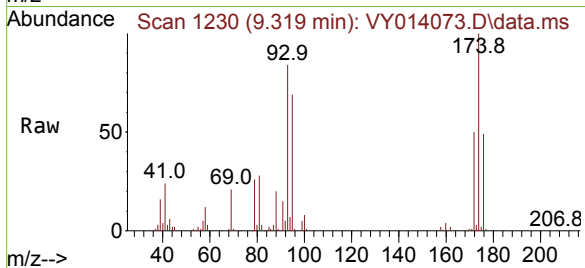
Tgt Ion: 88 Resp: 20482

Ion Ratio Lower Upper

88 100

43 24.3 0.0 0.0#

58 70.3 30.9 46.3#



#50

Toluene-d8

Concen: 52.043 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY014073.D

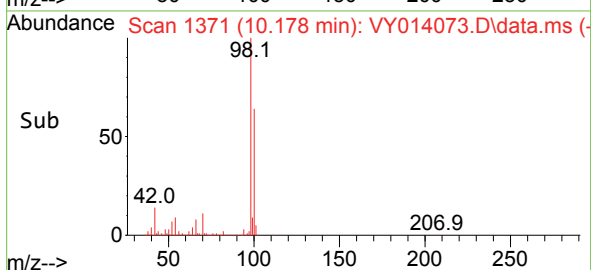
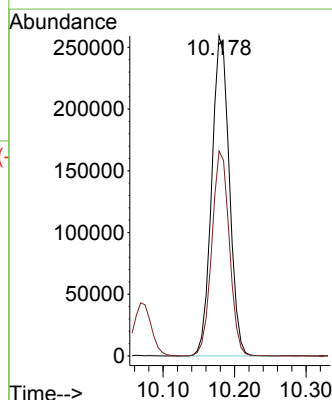
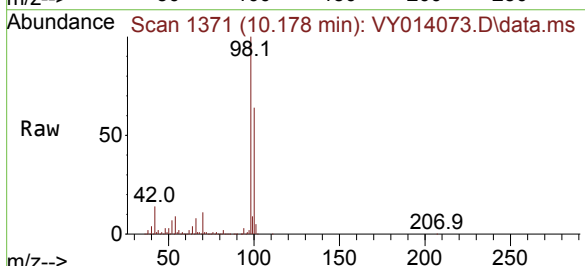
Acq: 08 Jun 2023 13:06

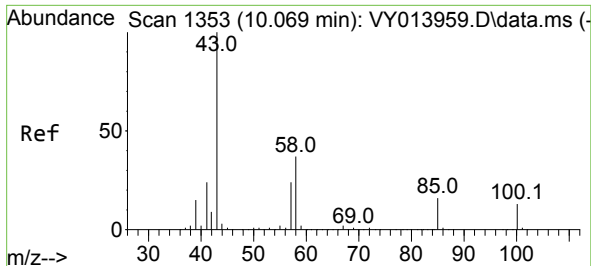
Tgt Ion: 98 Resp: 442695

Ion Ratio Lower Upper

98 100

100 64.0 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 207.727 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

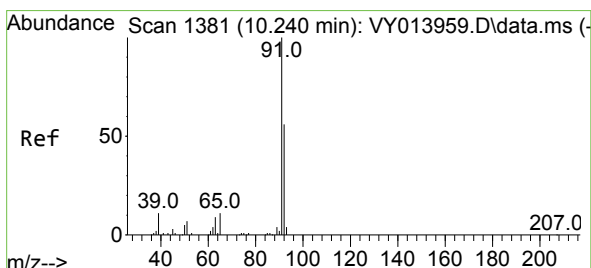
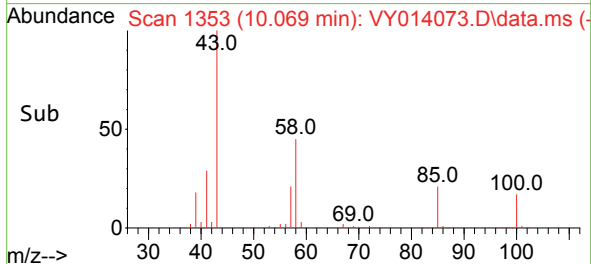
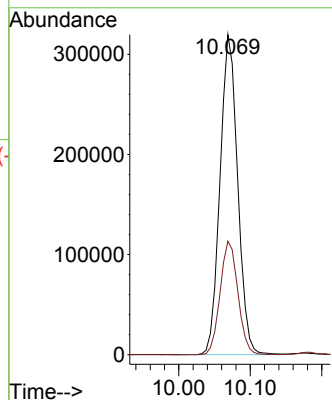
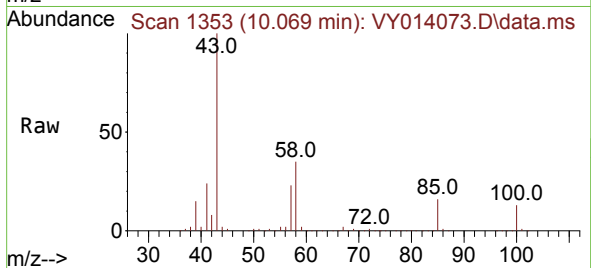
VSTDCCC050

Tgt Ion: 43 Resp: 547248

Ion Ratio Lower Upper

43 100

58 35.8 29.0 43.6



#52

Toluene

Concen: 52.004 ug/l

RT: 10.245 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY014073.D

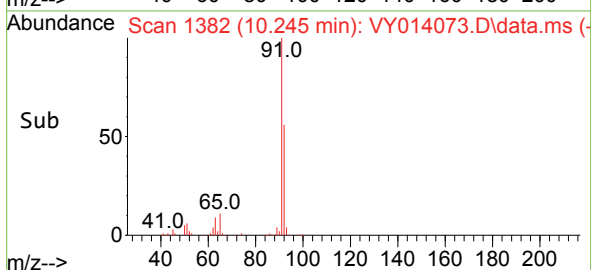
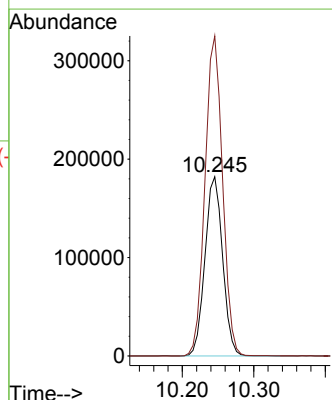
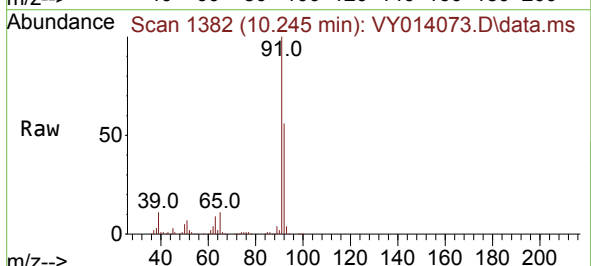
Acq: 08 Jun 2023 13:06

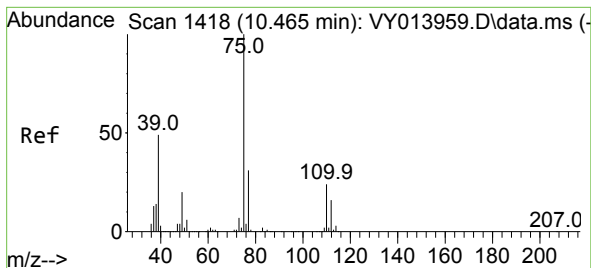
Tgt Ion: 92 Resp: 312239

Ion Ratio Lower Upper

92 100

91 177.7 143.8 215.6

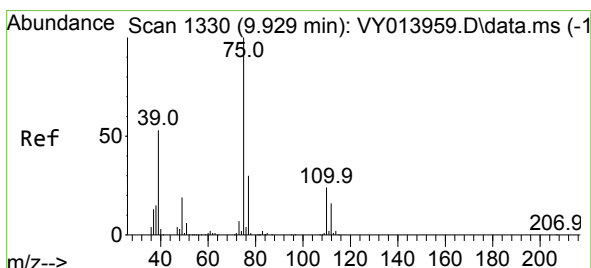
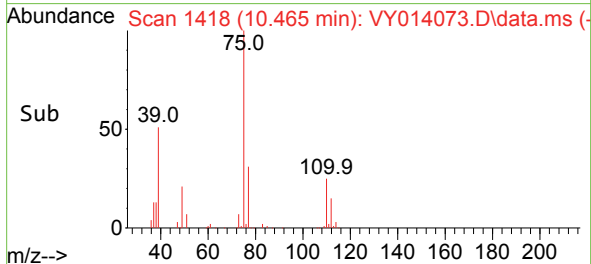
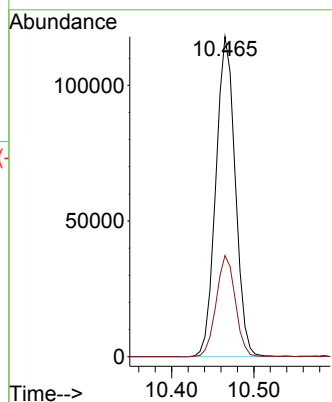
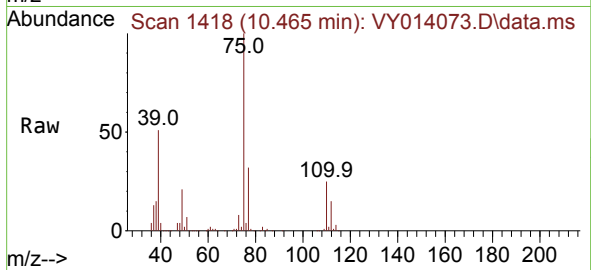




#53
t-1,3-Dichloropropene
Concen: 49.334 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

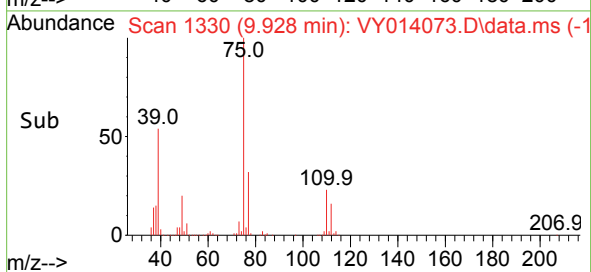
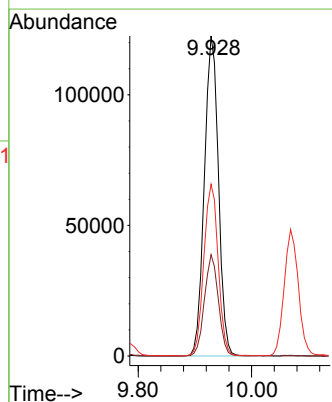
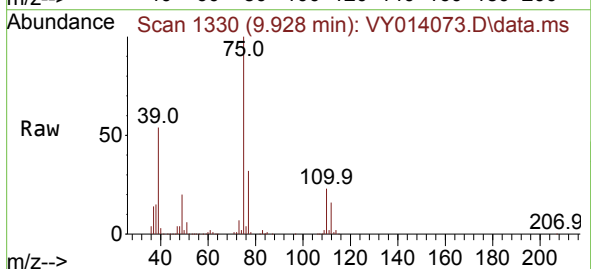
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

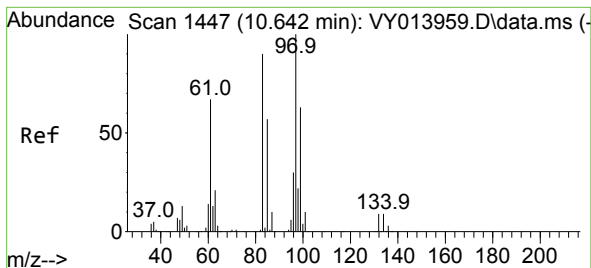
Tgt Ion: 75 Resp: 193298
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 50.611 ug/l
RT: 9.928 min Scan# 1330
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 75 Resp: 211721
Ion Ratio Lower Upper
75 100
77 31.7 24.2 36.4
39 53.6 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 47.594 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 101600

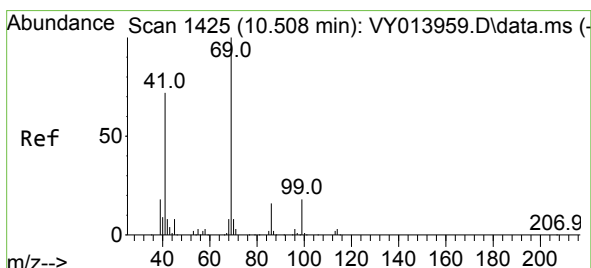
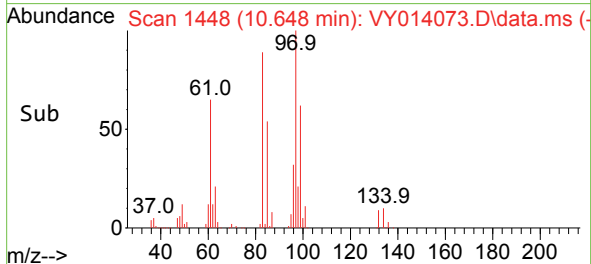
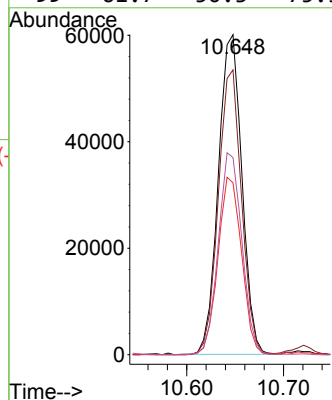
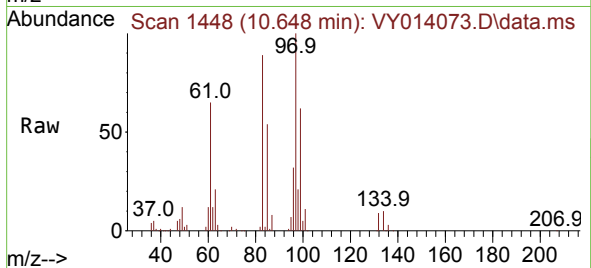
Ion Ratio Lower Upper

97 100

83 89.1 72.0 108.0

85 53.8 45.4 68.0

99 61.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 46.575 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

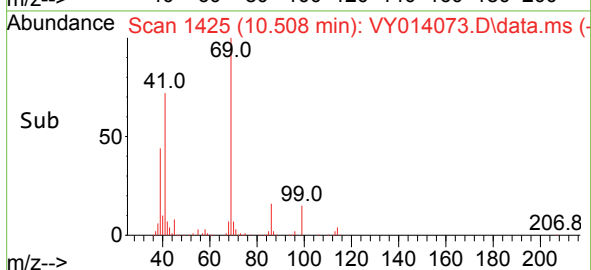
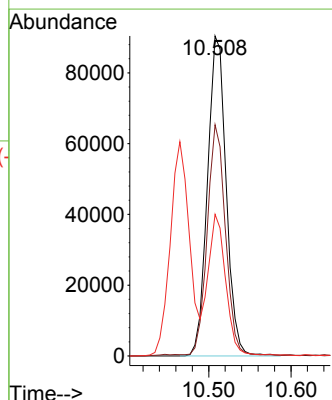
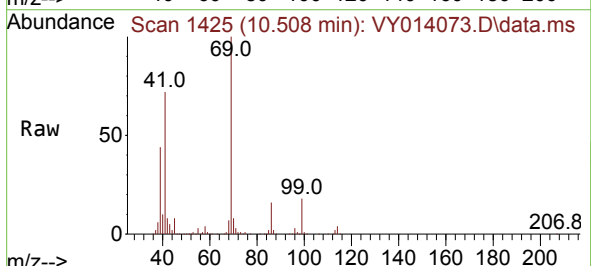
Tgt Ion: 69 Resp: 142753

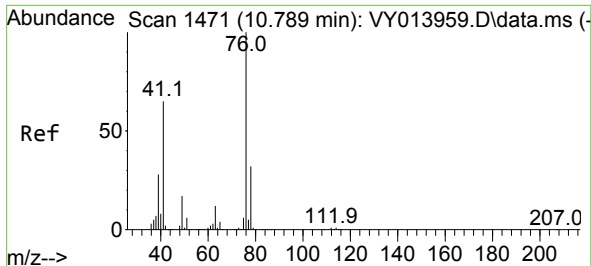
Ion Ratio Lower Upper

69 100

41 70.1 57.6 86.4

39 41.9 34.1 51.1

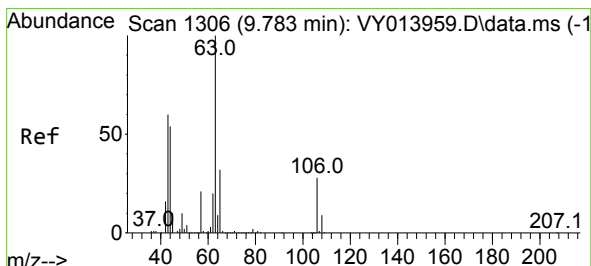
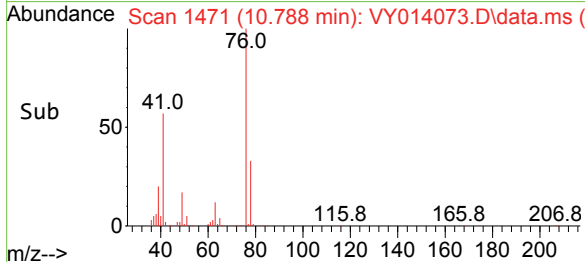
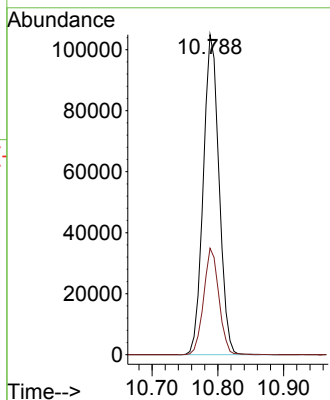
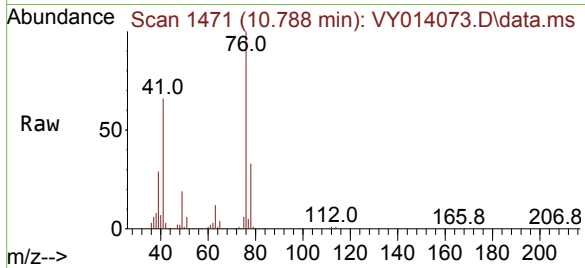




#57
1,3-Dichloropropane
Concen: 47.931 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

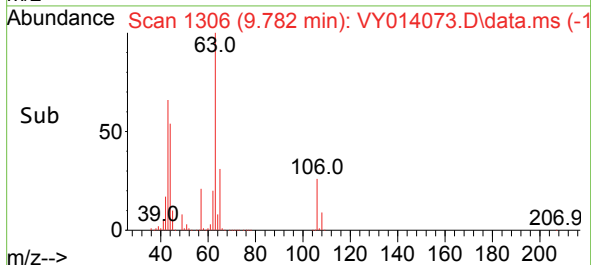
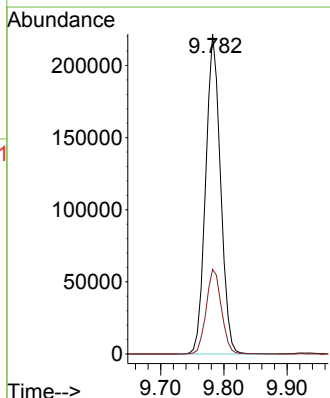
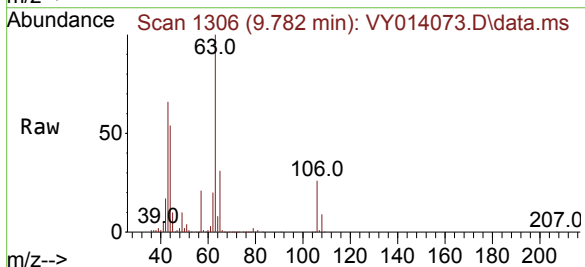
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

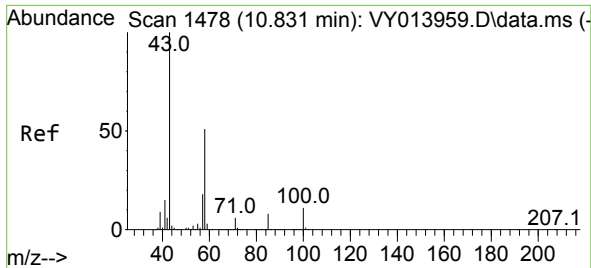
Tgt Ion: 76 Resp: 174830
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 240.816 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 63 Resp: 361751
Ion Ratio Lower Upper
63 100
106 27.1 21.2 31.8

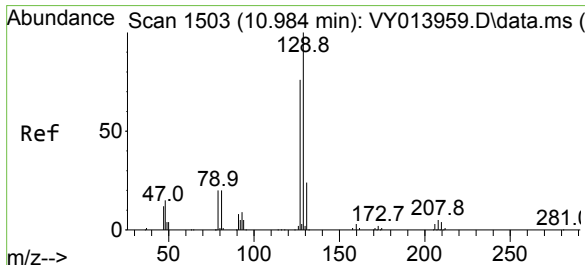
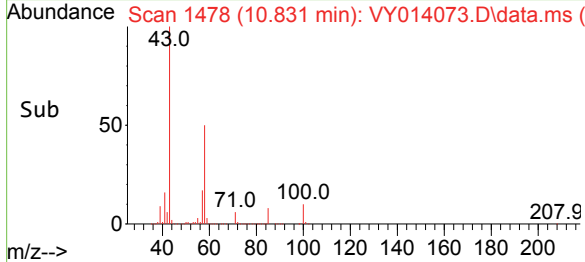
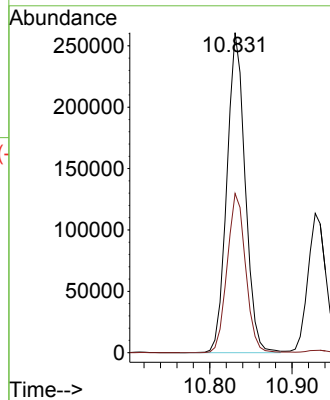
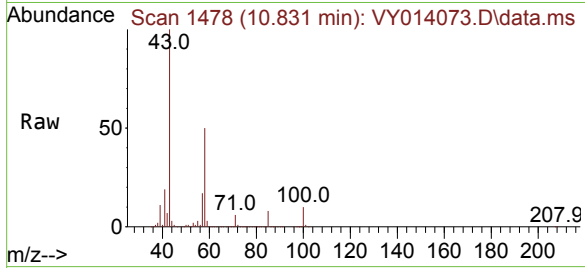




#59
2-Hexanone
Concen: 211.241 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

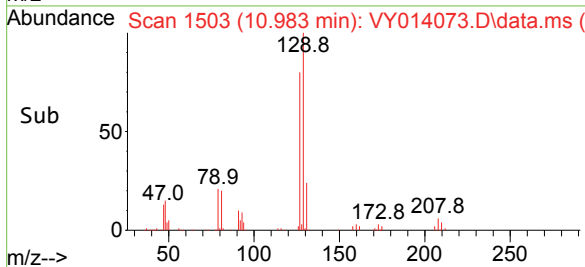
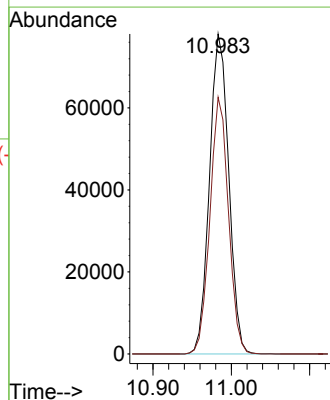
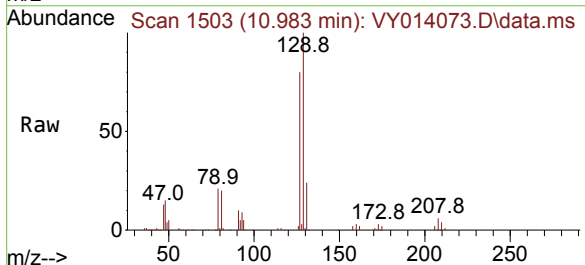
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

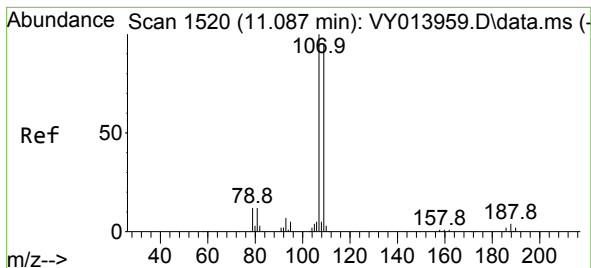
Tgt Ion: 43 Resp: 402966
Ion Ratio Lower Upper
43 100
58 50.3 25.1 75.3



#60
Dibromochloromethane
Concen: 49.300 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 129 Resp: 133012
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

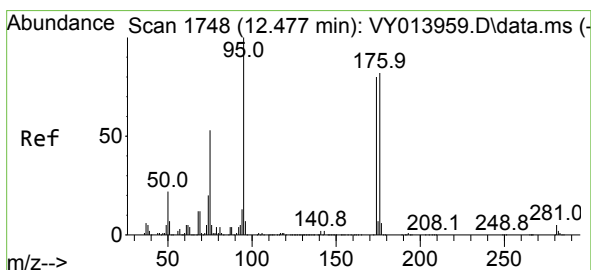
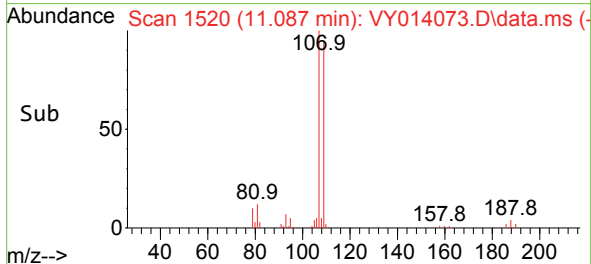
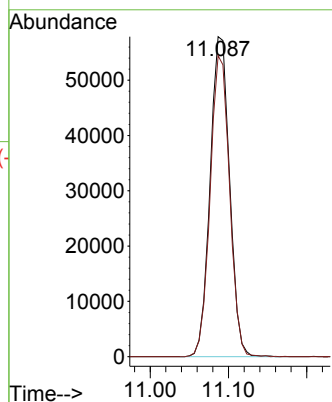
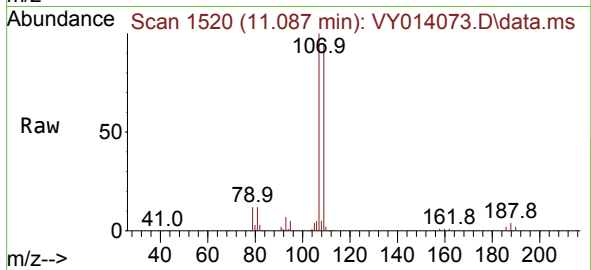




#61
1,2-Dibromoethane
Concen: 46.569 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

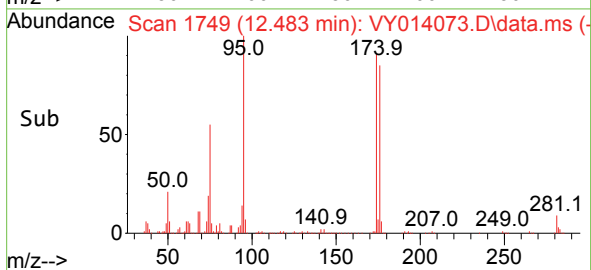
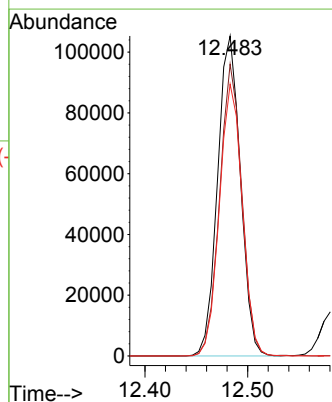
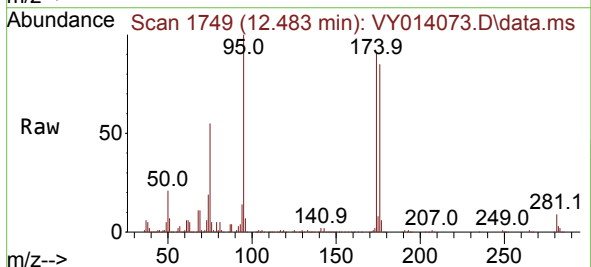
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

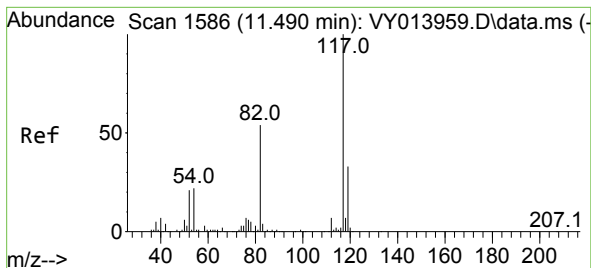
Tgt Ion:107 Resp: 99881
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 55.906 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 95 Resp: 162127
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.2
176 85.2 0.0 173.8

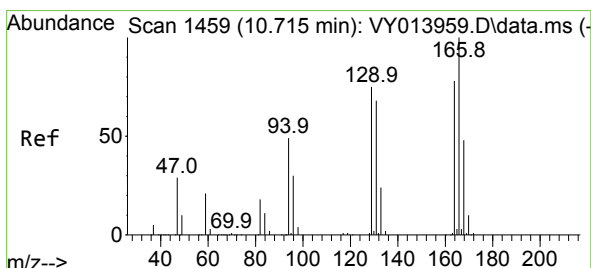
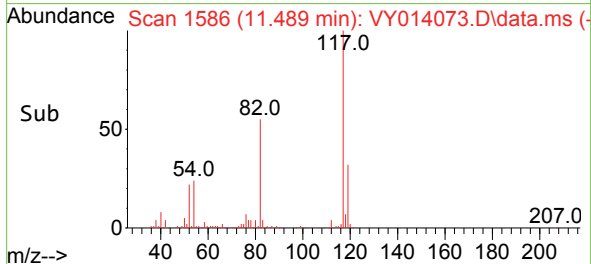
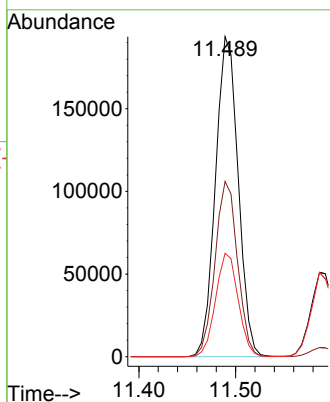
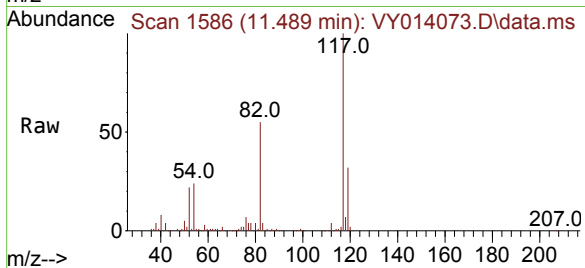




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

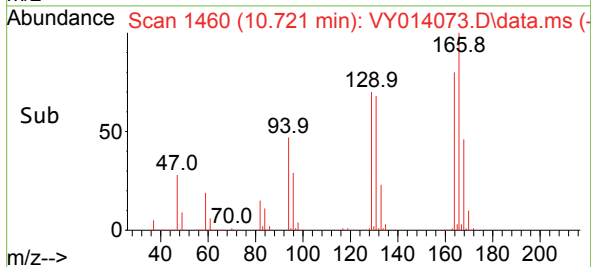
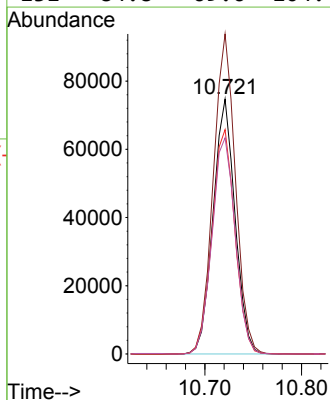
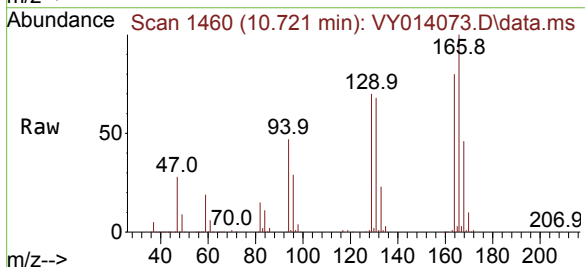
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

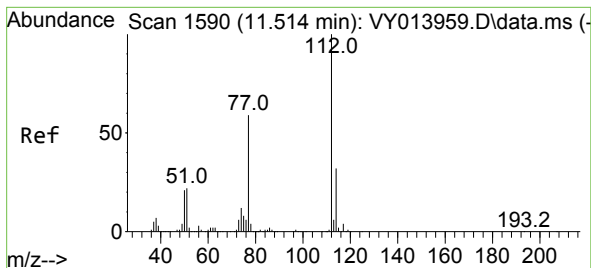
Tgt Ion:117 Resp: 315309
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.3 26.3 39.5



#64
Tetrachloroethene
Concen: 54.595 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion:164 Resp: 117931
Ion Ratio Lower Upper
164 100
166 125.6 103.0 154.6
129 88.0 77.2 115.8
131 84.8 69.6 104.4





#65

Chlorobenzene

Concen: 51.130 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

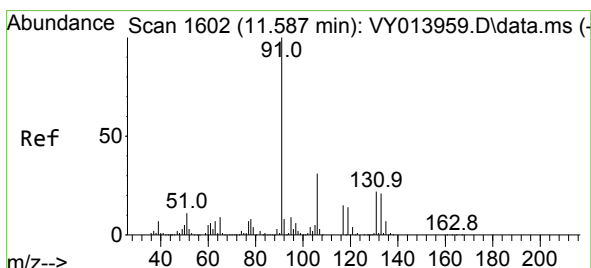
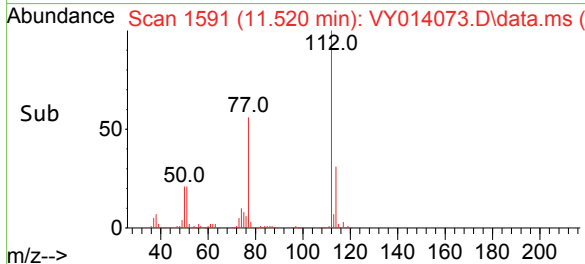
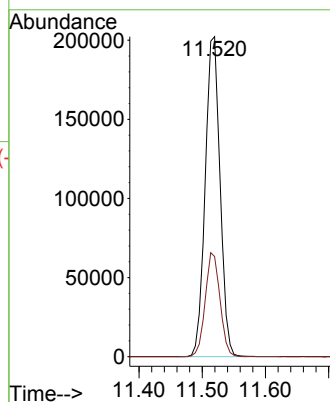
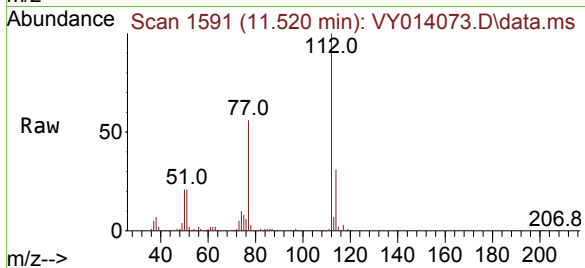
VSTDCCC050

Tgt Ion:112 Resp: 330748

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.273 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.001 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

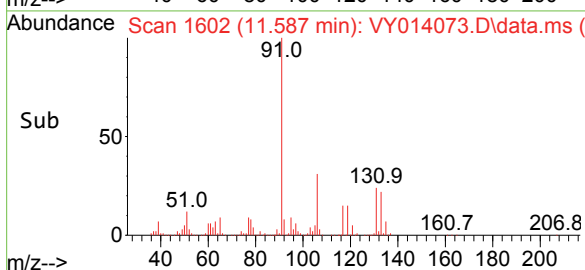
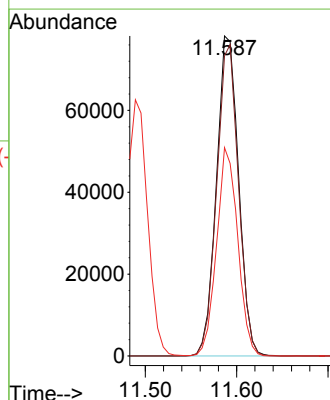
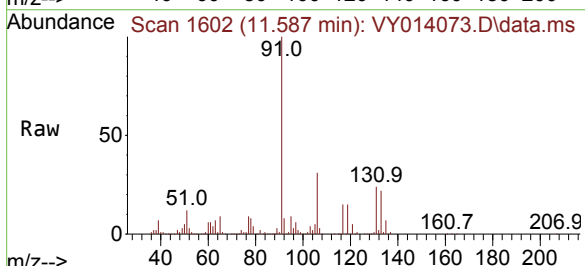
Tgt Ion:131 Resp: 131637

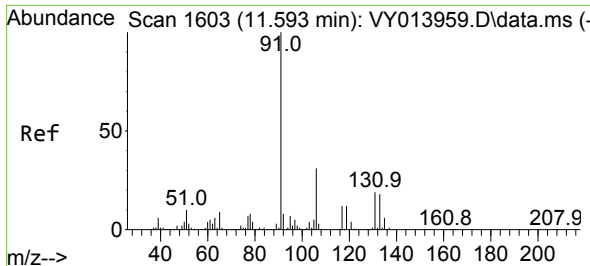
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 62.3 31.6 94.7

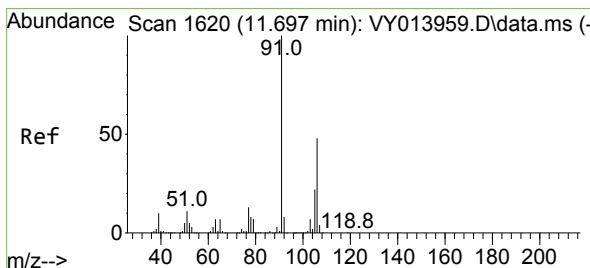
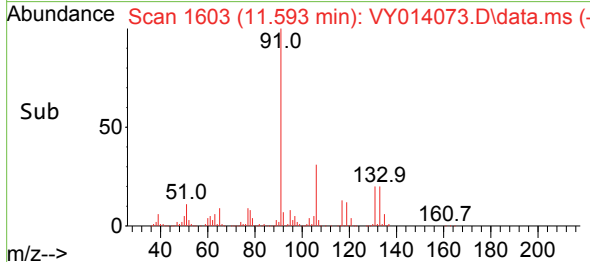
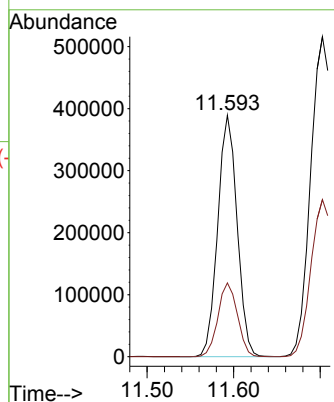
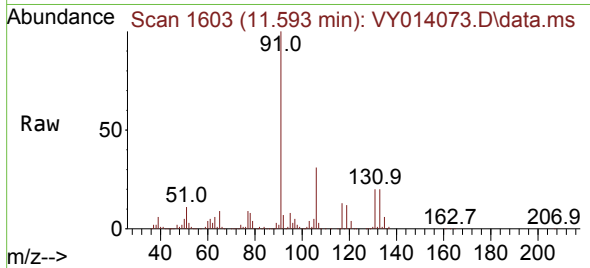




#67
Ethyl Benzene
Concen: 54.014 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

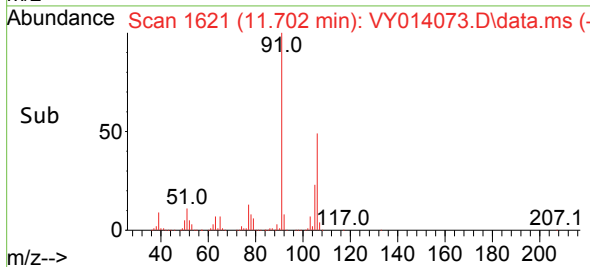
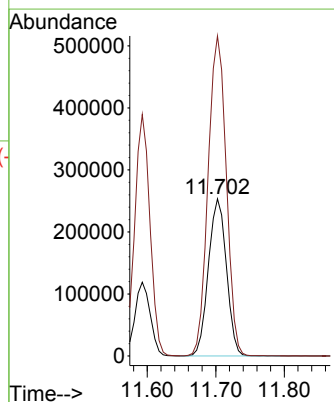
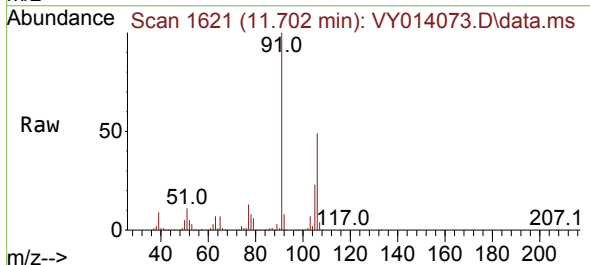
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

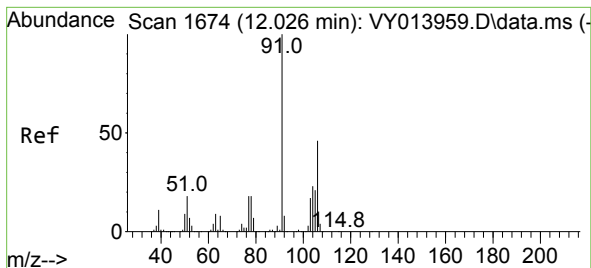
Tgt Ion: 91 Resp: 604792
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8



#68
m/p-Xylenes
Concen: 108.355 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion:106 Resp: 463438
Ion Ratio Lower Upper
106 100
91 205.4 166.1 249.1





#69

o-Xylene

Concen: 52.806 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

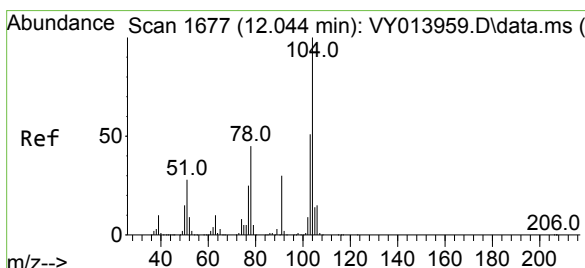
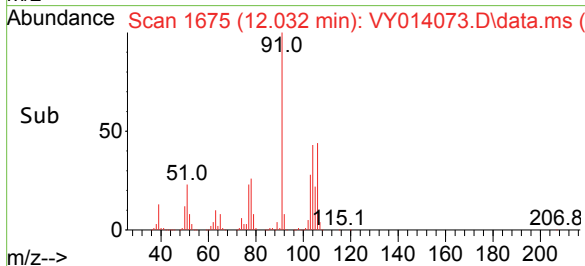
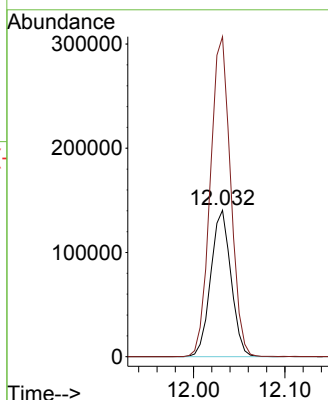
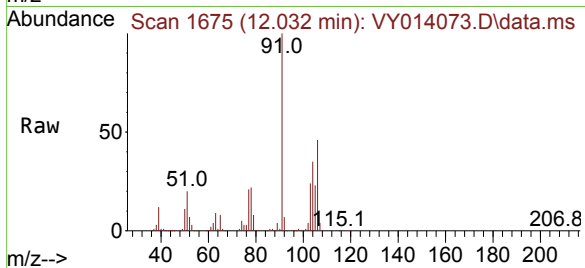
VSTDCCC050

Tgt Ion:106 Resp: 216416

Ion Ratio Lower Upper

106 100

91 219.6 108.1 324.3



#70

Styrene

Concen: 53.465 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.001 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

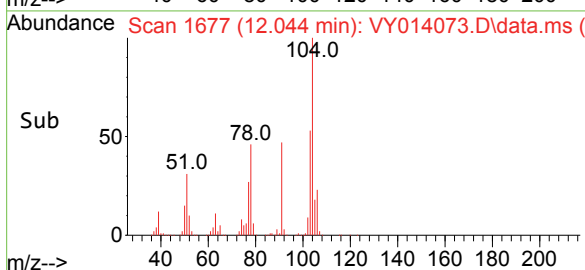
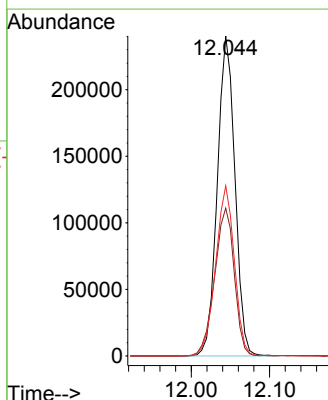
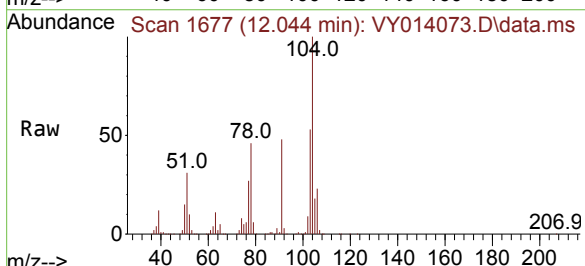
Tgt Ion:104 Resp: 376359

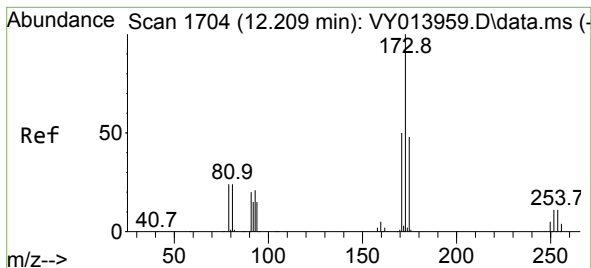
Ion Ratio Lower Upper

104 100

78 51.4 41.5 62.3

103 56.6 44.6 67.0





#71

Bromoform

Concen: 48.732 ug/l

RT: 12.208 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

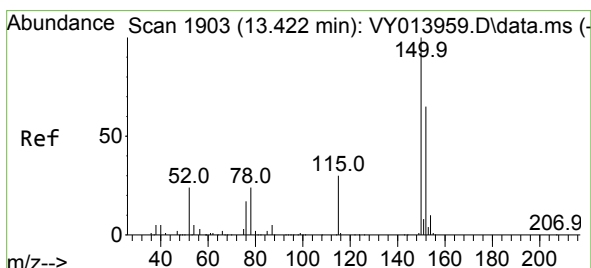
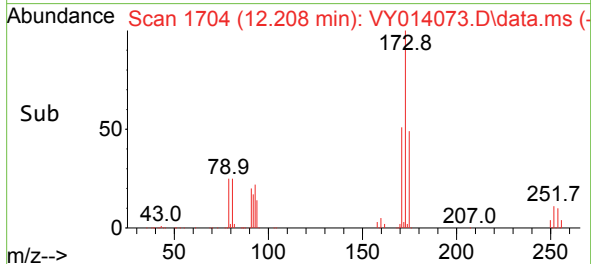
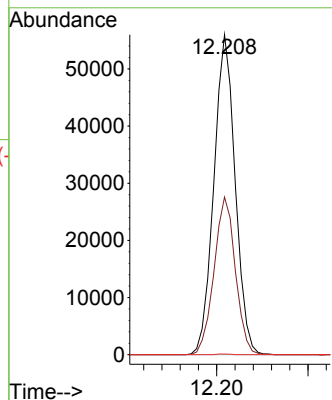
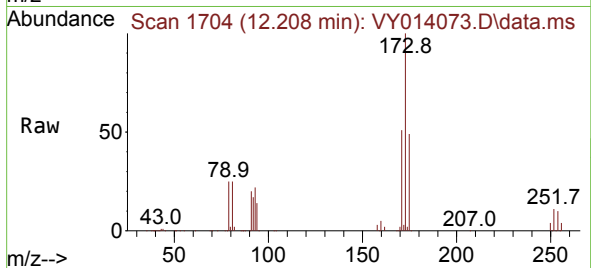
Tgt Ion:173 Resp: 90475

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

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. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

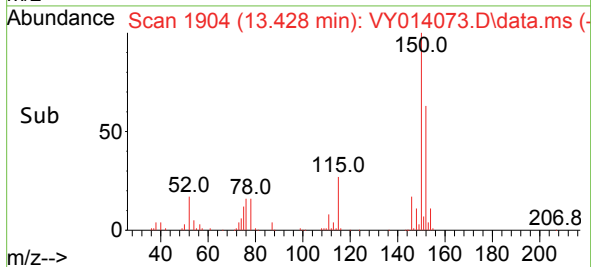
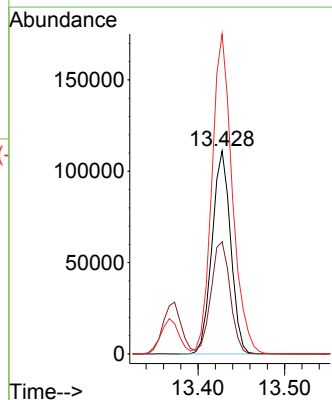
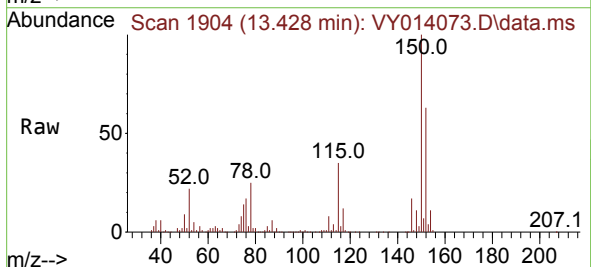
Tgt Ion:152 Resp: 165745

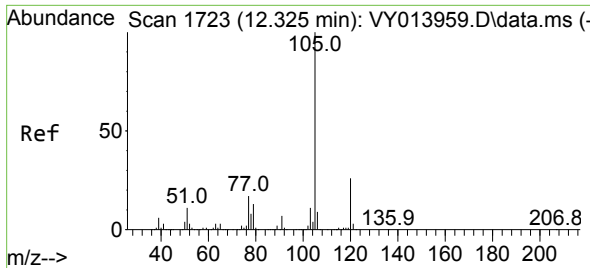
Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 173.1 0.0 348.8

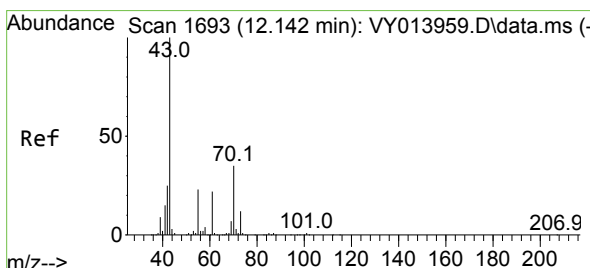
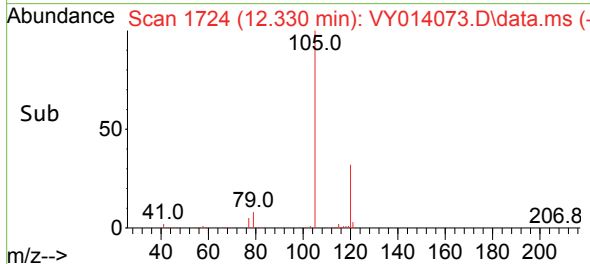
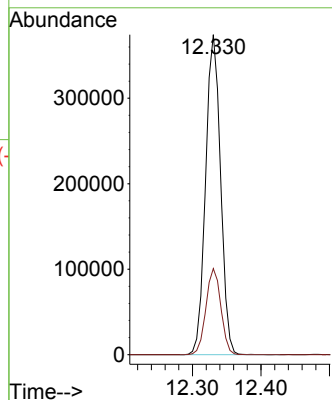
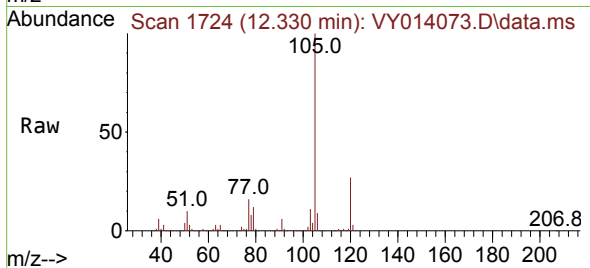




#73
Isopropylbenzene
Concen: 51.939 ug/l
RT: 12.330 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

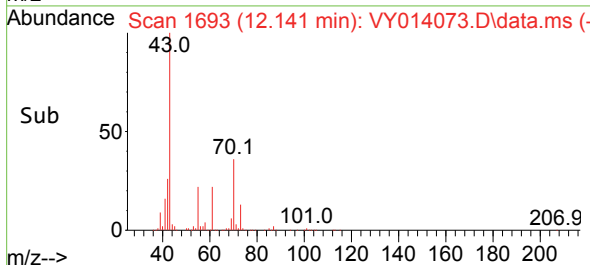
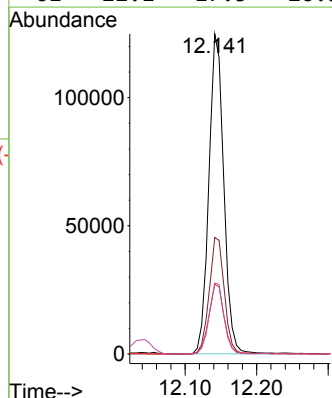
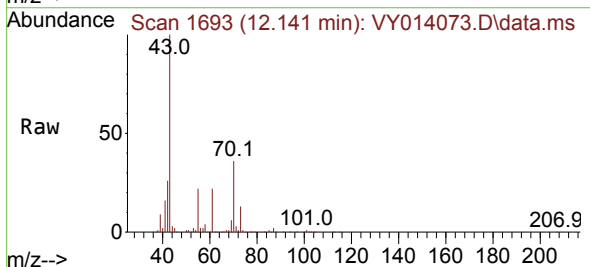
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

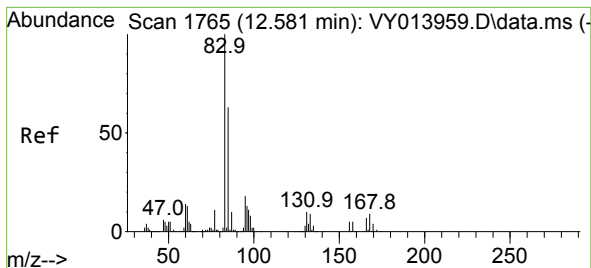
Tgt Ion:105 Resp: 568200
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-amy1 acetate
Concen: 42.972 ug/l
RT: 12.141 min Scan# 1693
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 43 Resp: 180363
Ion Ratio Lower Upper
43 100
70 36.9 29.7 44.5
55 22.6 18.3 27.5
61 22.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 43.842 ug/l

RT: 12.580 min Scan# 1765

Delta R.T. -0.001 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

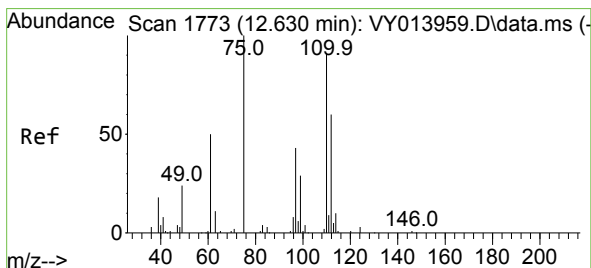
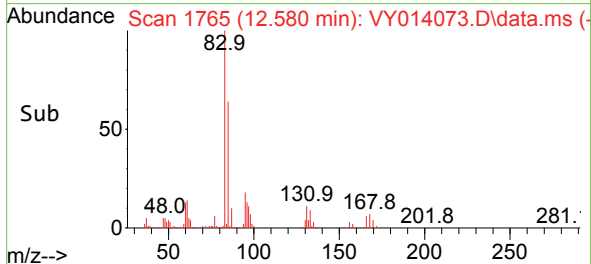
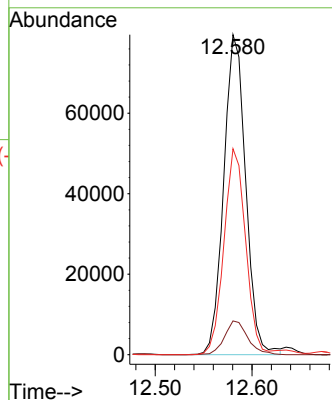
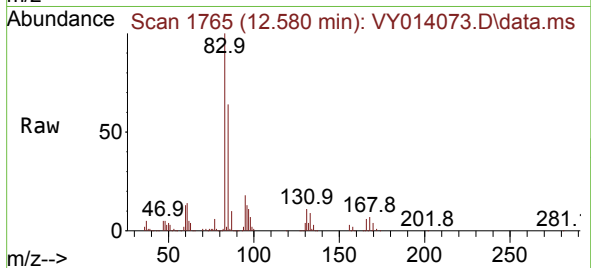
Tgt Ion: 83 Resp: 125352

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 63.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 76.052 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY014073.D

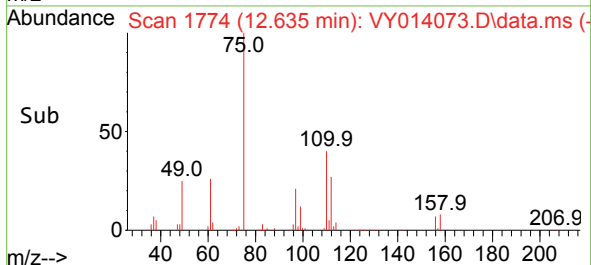
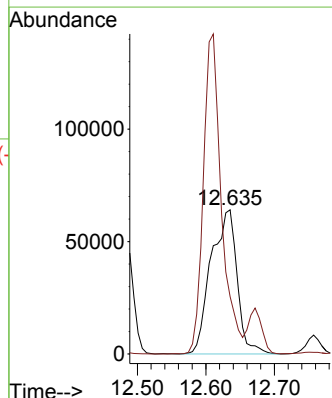
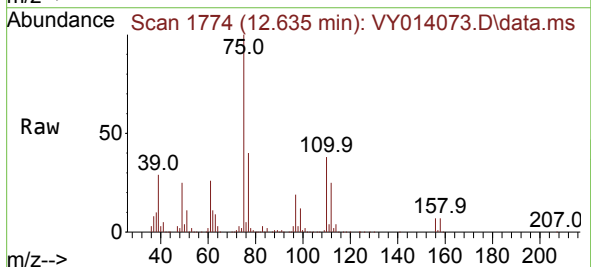
Acq: 08 Jun 2023 13:06

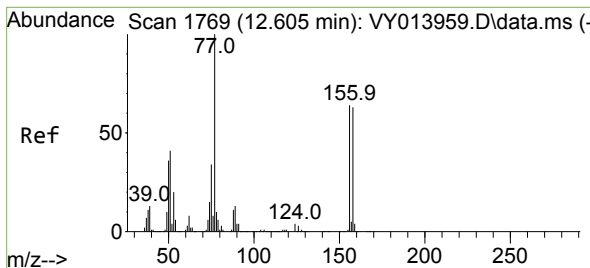
Tgt Ion: 75 Resp: 169628

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.735 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

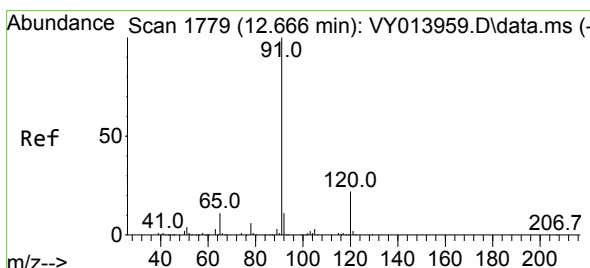
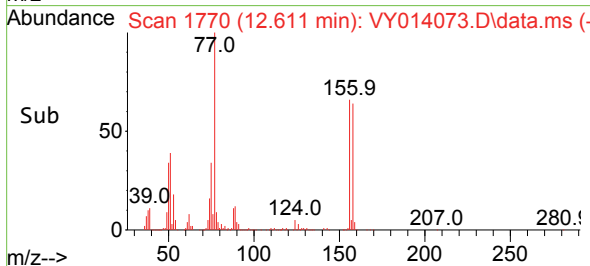
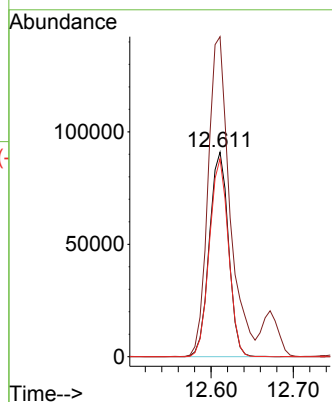
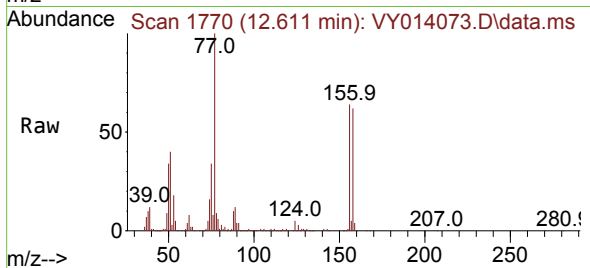
Tgt Ion:156 Resp: 147085

Ion Ratio Lower Upper

156 100

77 177.9 92.8 278.6

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 52.263 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY014073.D

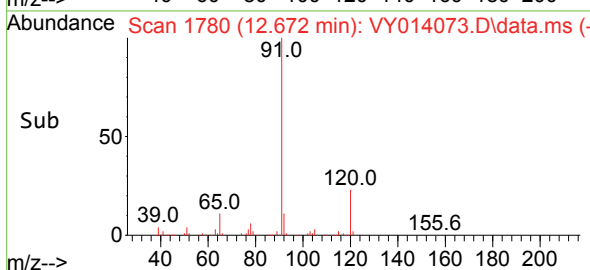
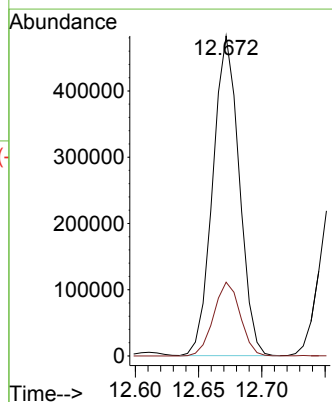
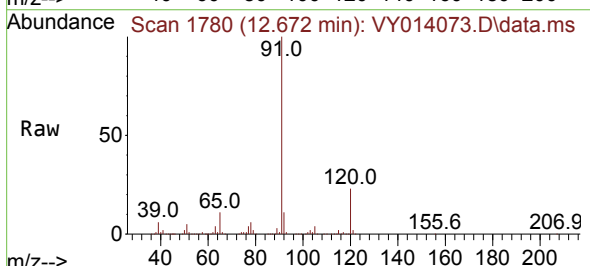
Acq: 08 Jun 2023 13:06

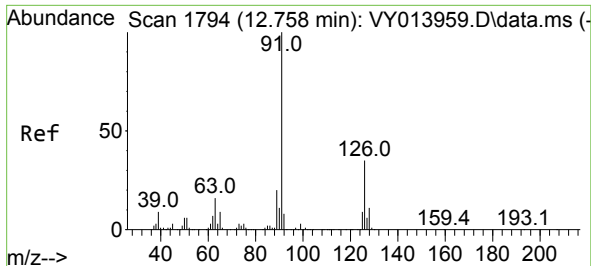
Tgt Ion: 91 Resp: 700725

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

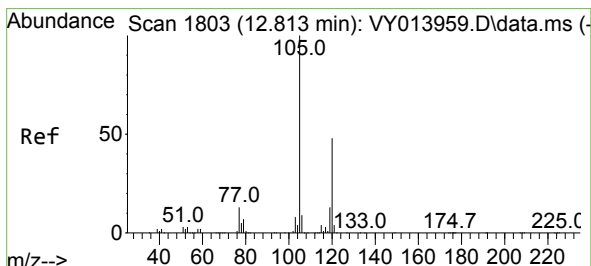
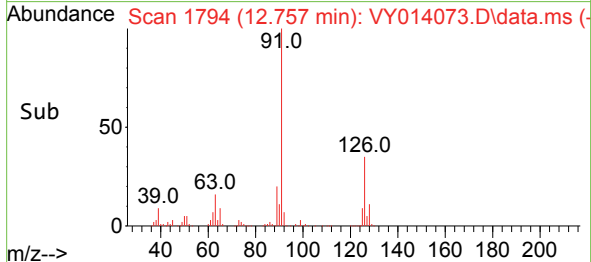
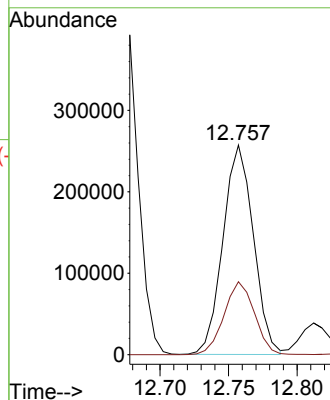
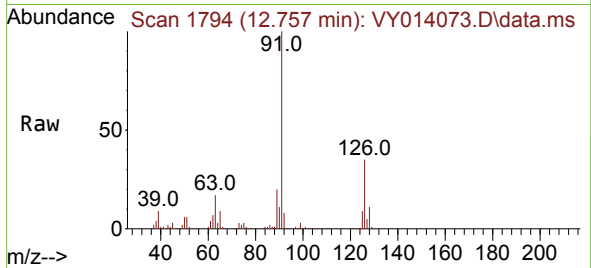




#79
2-Chlorotoluene
Concen: 50.075 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

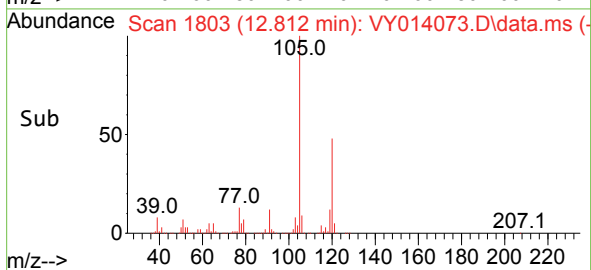
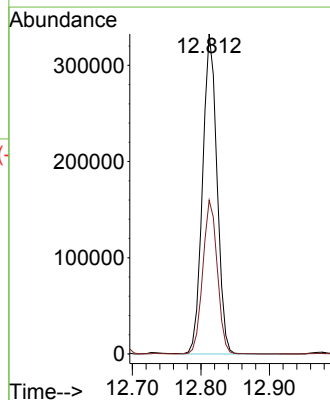
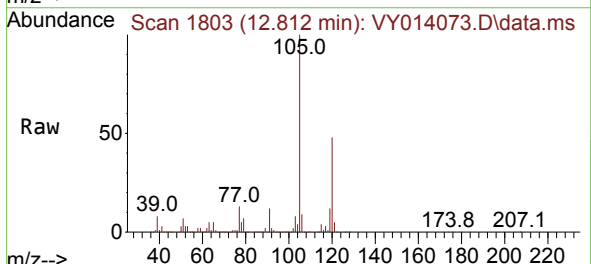
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

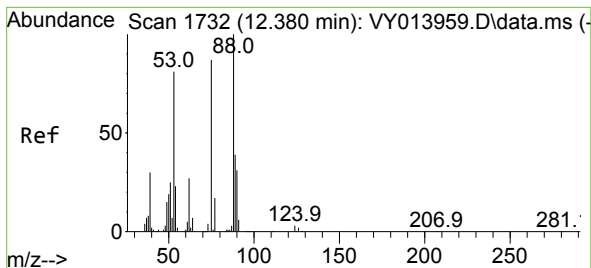
Tgt Ion: 91 Resp: 397469
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.039 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 105 Resp: 487929
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

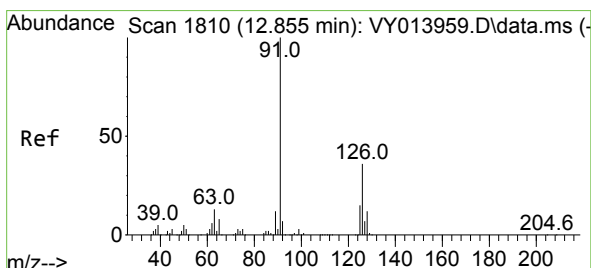
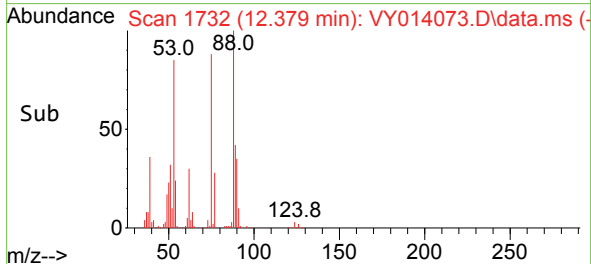
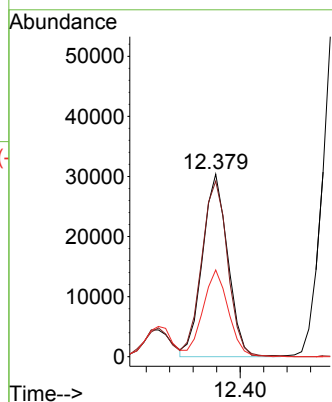
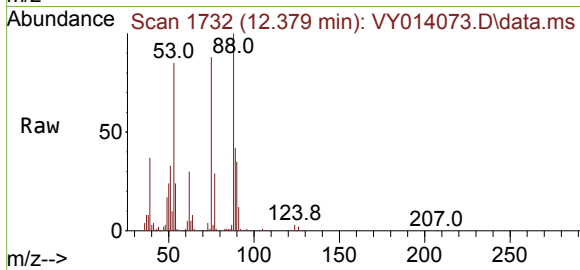




#81
trans-1,4-Dichloro-2-butene
Concen: 43.245 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

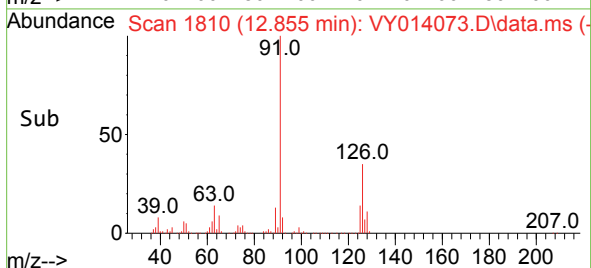
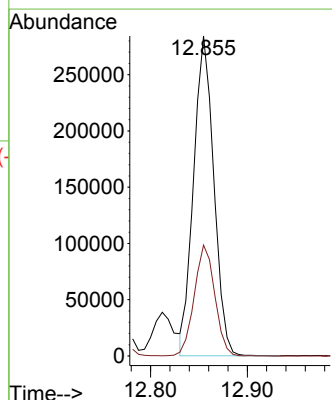
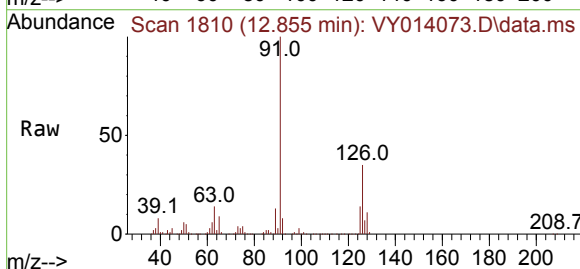
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

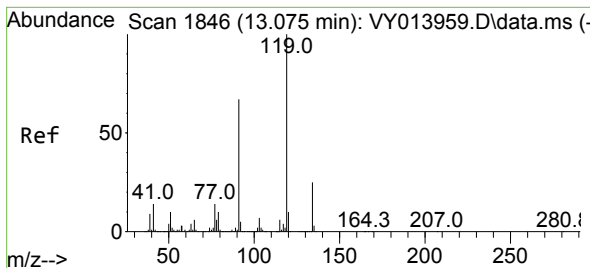
Tgt Ion: 75 Resp: 45465
Ion Ratio Lower Upper
75 100
53 99.2 77.8 116.8
89 47.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.418 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 91 Resp: 412532
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6

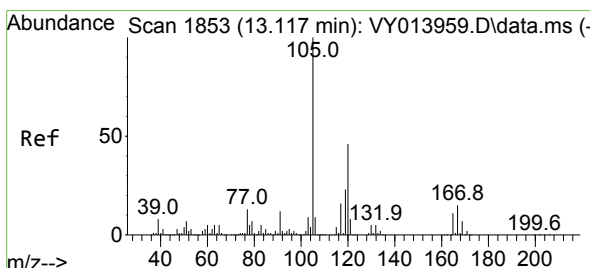
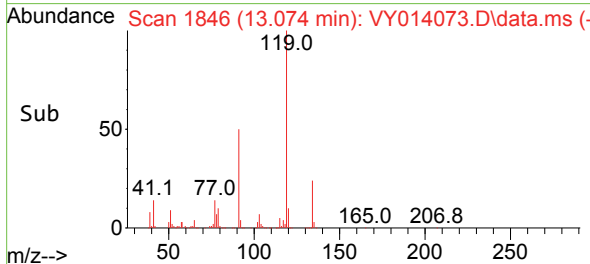
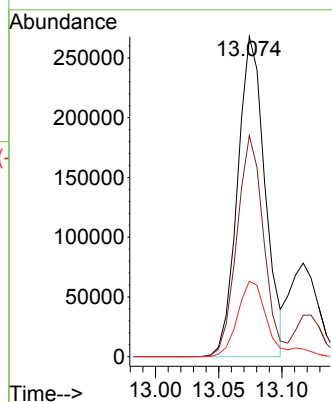
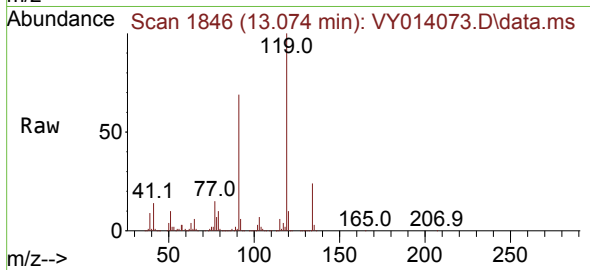




#83
tert-Butylbenzene
Concen: 51.627 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

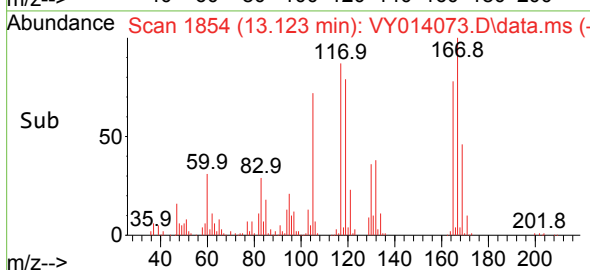
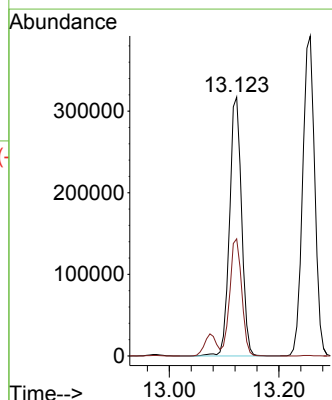
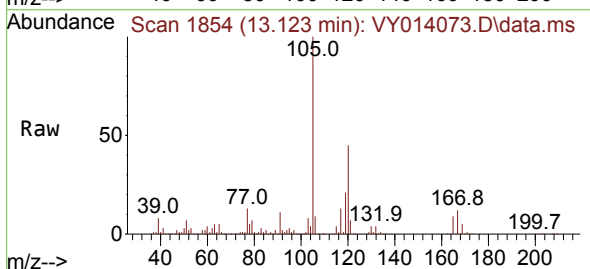
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

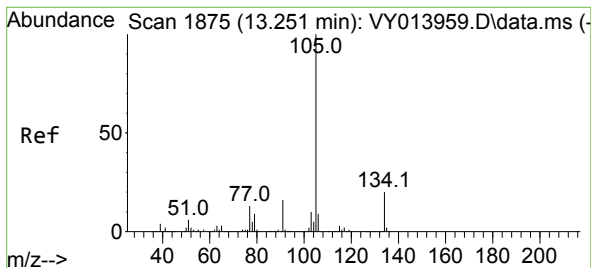
Tgt Ion:119 Resp: 405362
Ion Ratio Lower Upper
119 100
91 67.6 32.9 98.6
134 26.2 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 51.641 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion:105 Resp: 483623
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.209 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

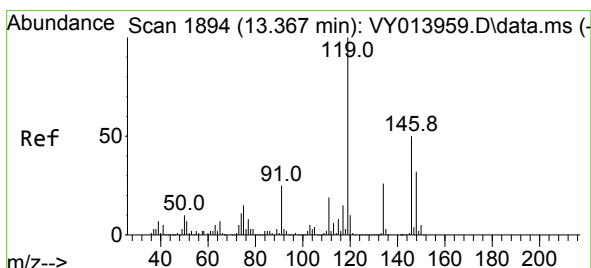
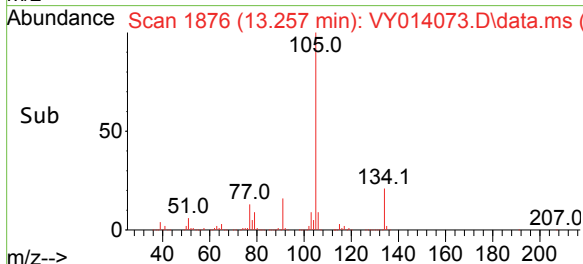
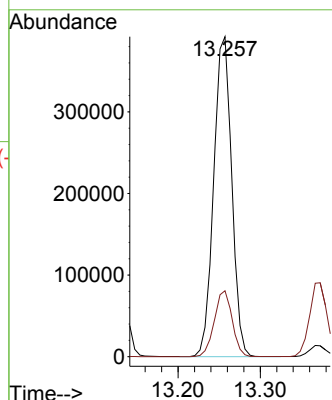
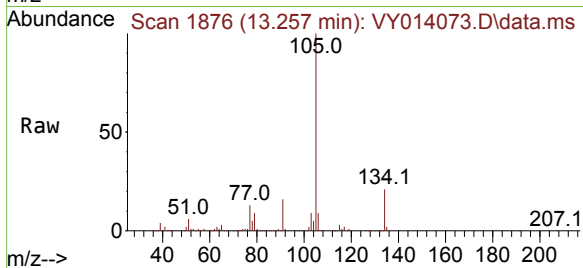
VSTDCCC050

Tgt Ion:105 Resp: 596101

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.348 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

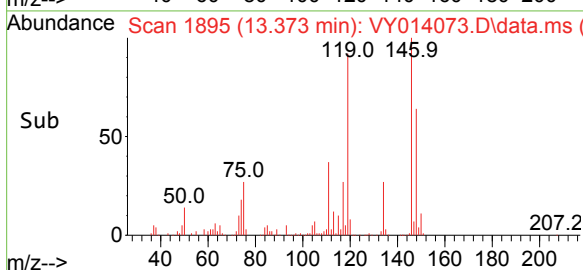
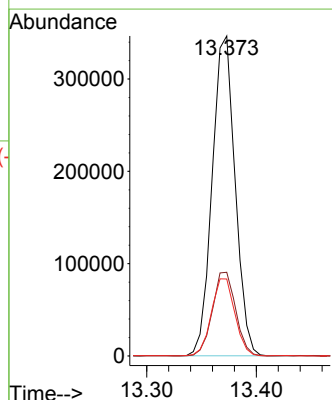
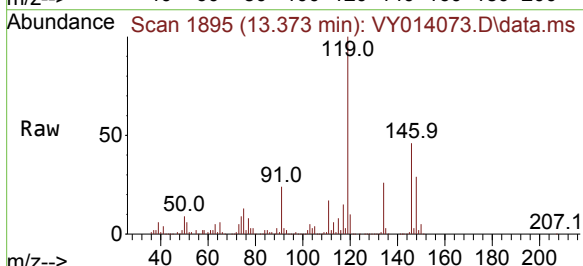
Tgt Ion:119 Resp: 504511

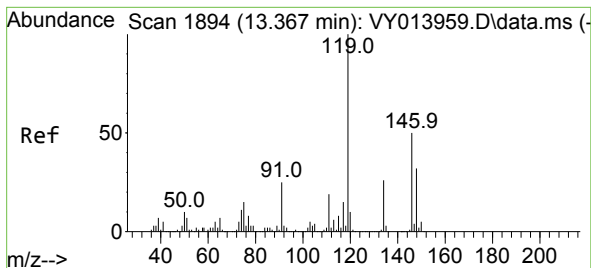
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 24.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.694 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.001 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

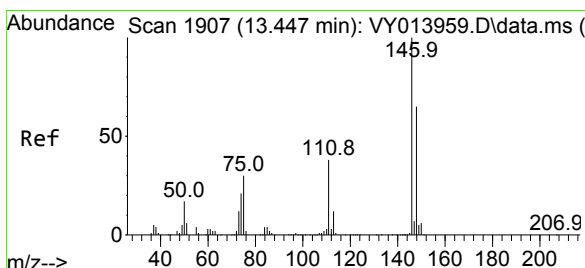
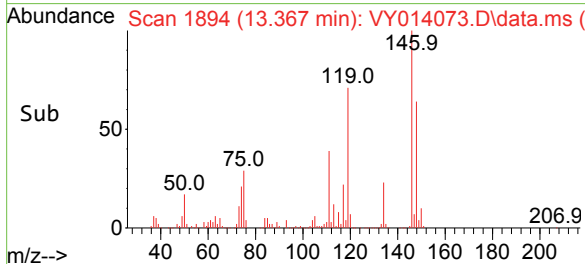
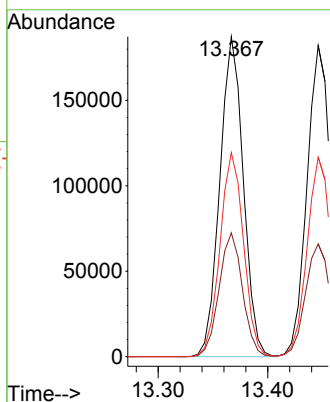
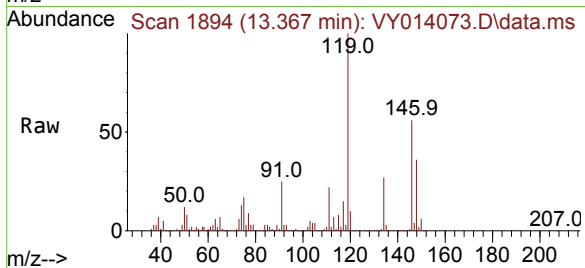
Tgt Ion:146 Resp: 279097

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.689 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

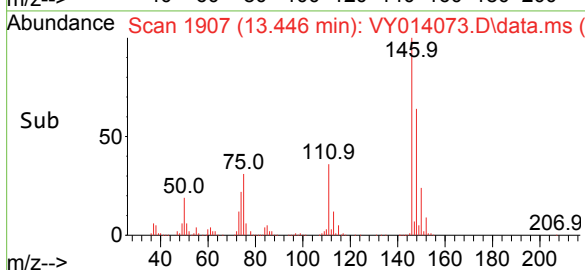
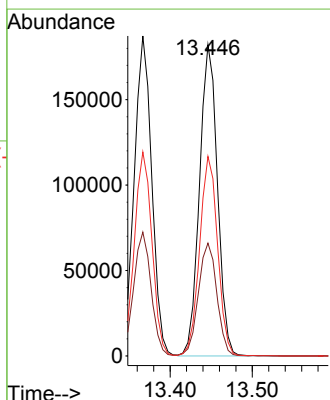
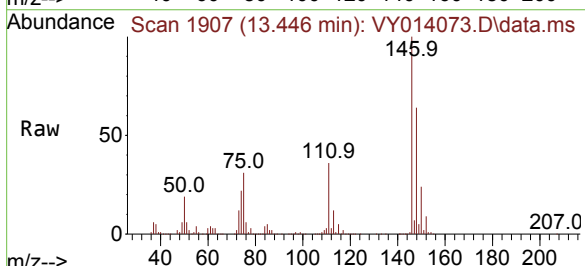
Tgt Ion:146 Resp: 276611

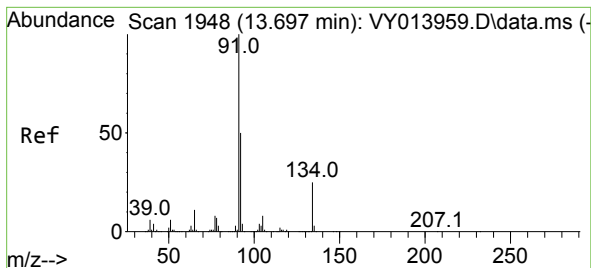
Ion Ratio Lower Upper

146 100

111 37.3 18.9 56.7

148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 52.028 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

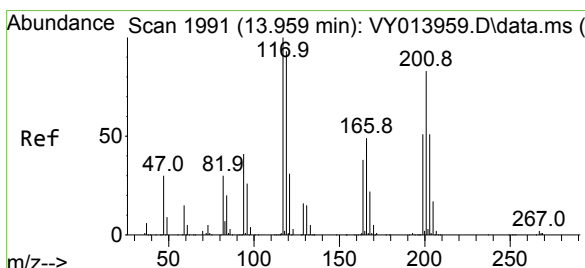
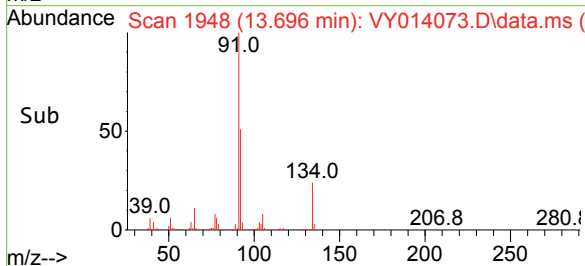
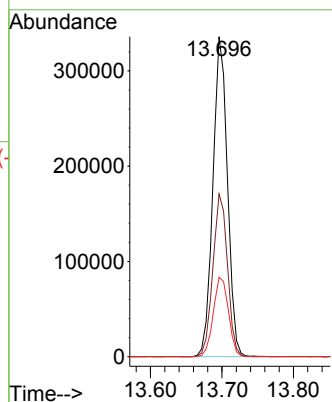
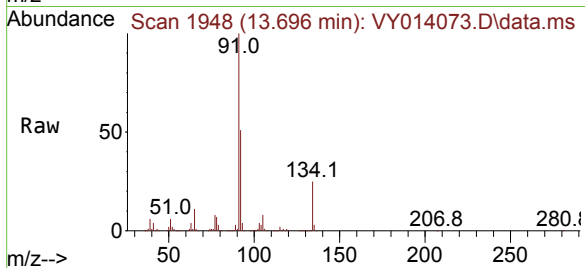
Tgt Ion: 91 Resp: 473126

Ion Ratio Lower Upper

91 100

92 51.2 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 49.114 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY014073.D

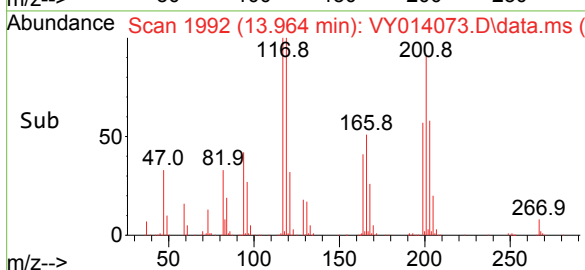
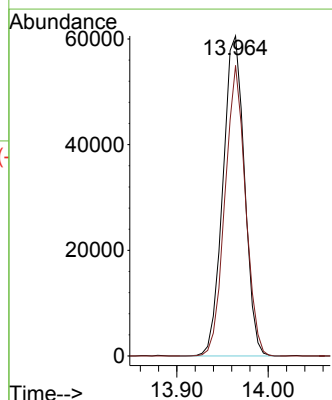
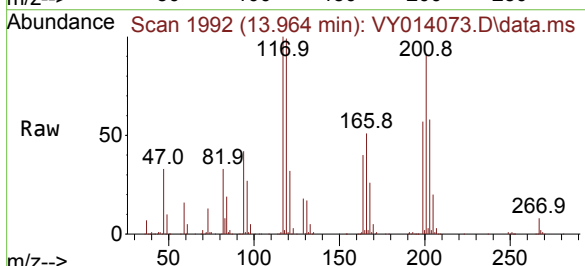
Acq: 08 Jun 2023 13:06

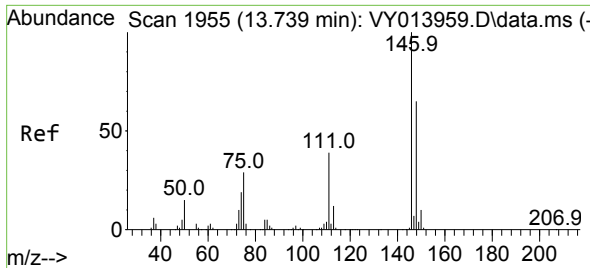
Tgt Ion: 117 Resp: 99345

Ion Ratio Lower Upper

117 100

201 86.2 41.6 124.8

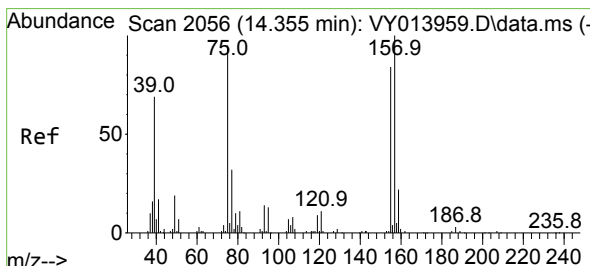
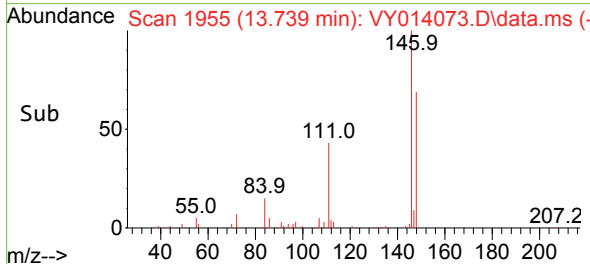
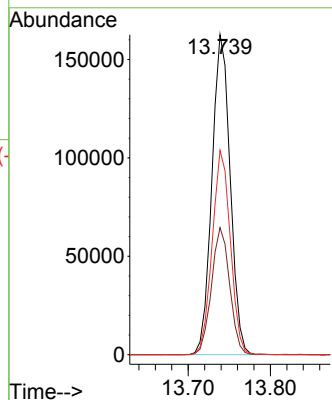
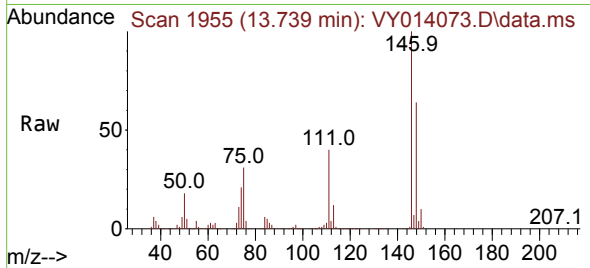




#91
1,2-Dichlorobenzene
Concen: 48.511 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

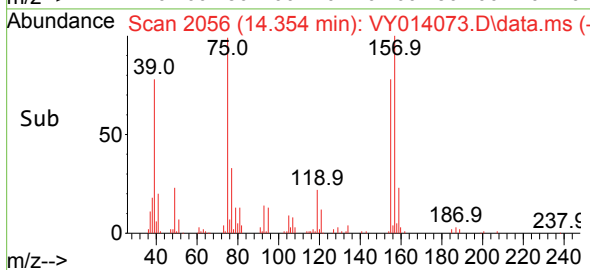
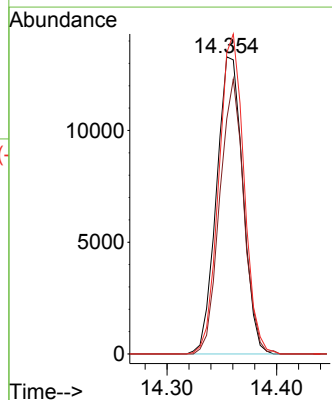
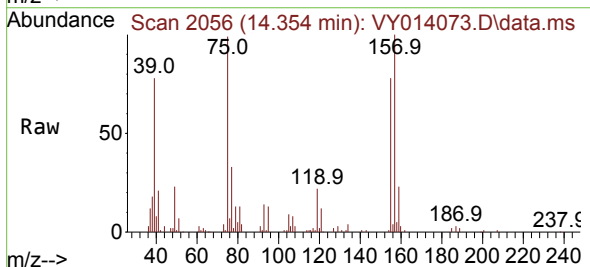
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

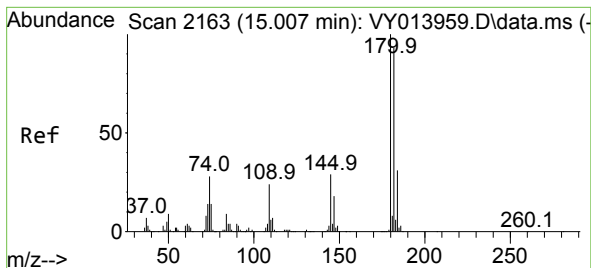
Tgt Ion:146 Resp: 250994
Ion Ratio Lower Upper
146 100
111 39.6 19.7 59.0
148 63.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.244 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.001 min
Lab File: VY014073.D
Acq: 08 Jun 2023 13:06

Tgt Ion: 75 Resp: 22193
Ion Ratio Lower Upper
75 100
155 84.4 41.5 124.6
157 102.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.960 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.001 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

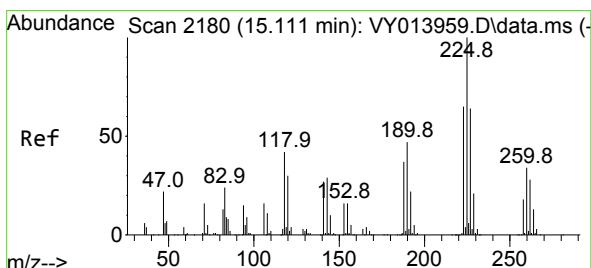
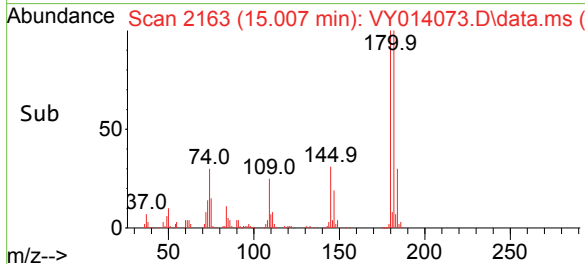
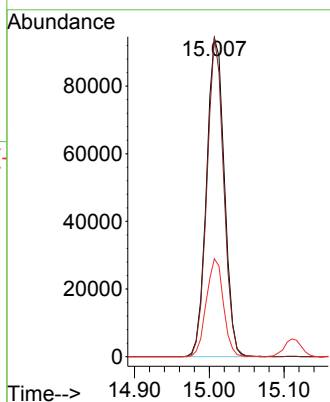
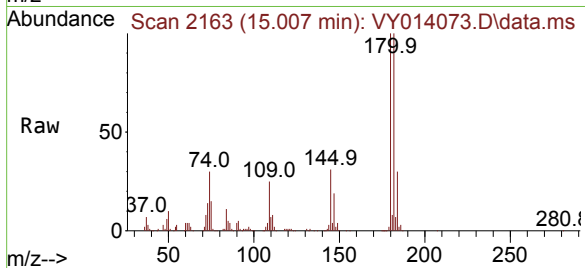
Tgt Ion:180 Resp: 155722

Ion Ratio Lower Upper

180 100

182 94.4 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 52.294 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.001 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

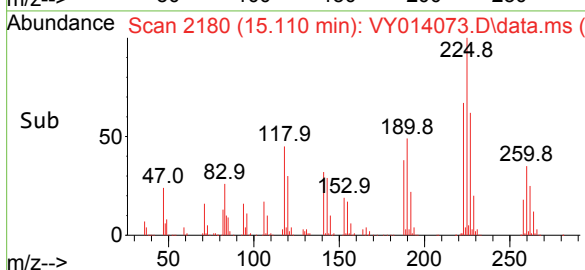
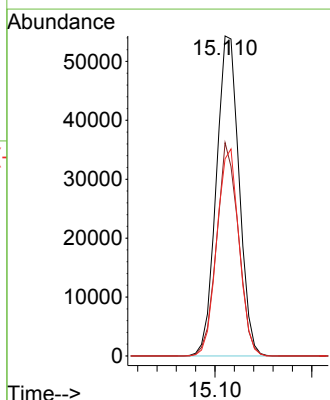
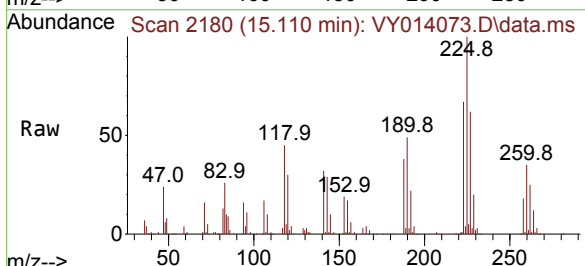
Tgt Ion:225 Resp: 88593

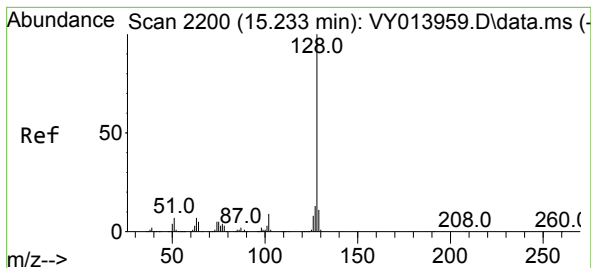
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 63.4 33.0 98.9





#95

Naphthalene

Concen: 40.827 ug/l

RT: 15.238 min Scan# 2200

Delta R.T. 0.005 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

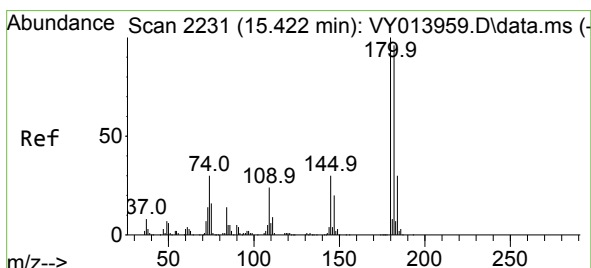
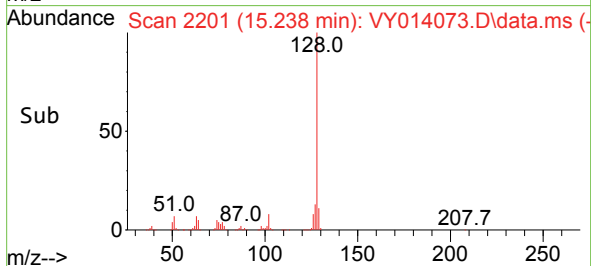
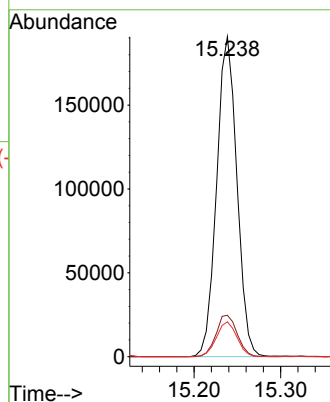
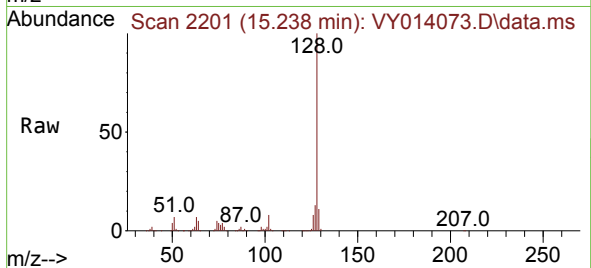
Tgt Ion:128 Resp: 309889

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.459 ug/l

RT: 15.427 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY014073.D

Acq: 08 Jun 2023 13:06

Tgt Ion:180 Resp: 137485

Ion Ratio Lower Upper

180 100

182 93.1 47.3 141.8

145 30.8 15.4 46.2

