

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013531.D
 Acq On : 01 May 2023 11:15
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: May 01 22:45:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	312493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	471367	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	421342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	207462	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	166315	48.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.100%
35) Dibromofluoromethane	7.716	113	148928	50.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.460%
50) Toluene-d8	10.179	98	520499	49.352	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.700%
62) 4-Bromofluorobenzene	12.483	95	183987	51.747	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.500%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	164018	55.210	ug/l	100
3) Chloromethane	2.113	50	191897	48.189	ug/l	99
4) Vinyl Chloride	2.253	62	192082	48.444	ug/l	99
5) Bromomethane	2.656	94	137319	43.460	ug/l	98
6) Chloroethane	2.796	64	124389	45.411	ug/l	98
7) Trichlorofluoromethane	3.125	101	312939	52.099	ug/l	100
8) Diethyl Ether	3.528	74	100671	49.217	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	169308	50.252	ug/l	98
10) Methyl Iodide	4.088	142	214432	50.673	ug/l	99
11) Tert butyl alcohol	4.991	59	79200	205.383	ug/l	99
12) 1,1-Dichloroethene	3.869	96	160425	49.397	ug/l	94
13) Acrolein	3.729	56	58592	193.764	ug/l	93
14) Allyl chloride	4.479	41	296757	49.245	ug/l	97
15) Acrylonitrile	5.161	53	278945	243.507	ug/l	99
16) Acetone	3.954	43	383161	284.025	ug/l	97
17) Carbon Disulfide	4.192	76	510459	48.387	ug/l	100
18) Methyl Acetate	4.479	43	206835	46.421	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	478388	51.022	ug/l	99
20) Methylene Chloride	4.716	84	206957	48.771	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	183752	51.748	ug/l	97
22) Diisopropyl ether	6.119	45	617525	52.428	ug/l	98
23) Vinyl Acetate	6.058	43	1881587	282.143	ug/l	97
24) 1,1-Dichloroethane	6.015	63	338023	51.492	ug/l	97
25) 2-Butanone	6.984	43	443047	258.959	ug/l	93
26) 2,2-Dichloropropane	6.978	77	301823	53.357	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	205169	52.294	ug/l	96
28) Bromochloromethane	7.332	49	112937	48.481	ug/l	84
29) Tetrahydrofuran	7.350	42	248720	233.543	ug/l	93
30) Chloroform	7.509	83	350628	53.721	ug/l	99
31) Cyclohexane	7.783	56	288411	47.024	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	311303	53.450	ug/l	99
36) 1,1-Dichloropropene	7.917	75	261190	53.084	ug/l	98
37) Ethyl Acetate	7.070	43	181091	48.908	ug/l	98
38) Carbon Tetrachloride	7.899	117	286677	55.589	ug/l	94
39) Methylcyclohexane	9.185	83	304372	52.473	ug/l	96
40) Benzene	8.161	78	751491	54.221	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	87782	50.875	ug/l	95
42) 1,2-Dichloroethane	8.234	62	246742	54.453	ug/l	99
43) Isopropyl Acetate	8.271	43	306661	49.068	ug/l	98
44) Trichloroethene	8.941	130	199573	54.133	ug/l	100
45) 1,2-Dichloropropane	9.216	63	197057	54.377	ug/l	100
46) Dibromomethane	9.307	93	115893	53.449	ug/l	96
47) Bromodichloromethane	9.496	83	269474	55.540	ug/l	98
48) Methyl methacrylate	9.289	41	147576	51.415	ug/l	93
49) 1,4-Dioxane	9.313	88	31240	1008.787	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	879968	252.672	ug/l	96
52) Toluene	10.246	92	462516	55.454	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	281794	54.878	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	312586	54.100	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	153861	53.583	ug/l	95
56) Ethyl methacrylate	10.508	69	218159	54.763	ug/l	93
57) 1,3-Dichloropropane	10.788	76	263304	54.143	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	355984	238.302	ug/l	95
59) 2-Hexanone	10.831	43	688091	271.800	ug/l	97
60) Dibromochloromethane	10.983	129	193368	55.460	ug/l	99
61) 1,2-Dibromoethane	11.087	107	149552	52.974	ug/l	99
64) Tetrachloroethene	10.721	164	171503	53.529	ug/l	98
65) Chlorobenzene	11.514	112	490917	53.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	189287	55.142	ug/l	99
67) Ethyl Benzene	11.593	91	887631	55.073	ug/l	100
68) m/p-Xylenes	11.703	106	678272	110.701	ug/l	98
69) o-Xylene	12.032	106	318814	55.019	ug/l	97
70) Styrene	12.044	104	546017	56.355	ug/l	100
71) Bromoform	12.209	173	130665	54.343	ug/l #	100
73) Isopropylbenzene	12.331	105	843399	53.748	ug/l	99
74) N-amyl acetate	12.142	43	281126	50.345	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	189474	49.400	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	249086	89.027	ug/l #	100
77) Bromobenzene	12.611	156	208998	54.968	ug/l	96
78) n-propylbenzene	12.672	91	1043814	54.006	ug/l	98
79) 2-Chlorotoluene	12.758	91	577208	53.479	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	701587	54.779	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	68150	49.825	ug/l	93
82) 4-Chlorotoluene	12.855	91	602263	53.536	ug/l	98
83) tert-Butylbenzene	13.075	119	595375	53.657	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	692437	55.609	ug/l	100
85) sec-Butylbenzene	13.257	105	899145	53.993	ug/l	99
86) p-Isopropyltoluene	13.373	119	743121	55.490	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	398105	54.958	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	395356	54.030	ug/l	100
89) n-Butylbenzene	13.696	91	715701	54.756	ug/l	99
90) Hexachloroethane	13.965	117	149930	53.194	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	364291	55.691	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	34329	50.678	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	232406	59.592	ug/l	98
94) Hexachlorobutadiene	15.117	225	142585	62.820	ug/l	99
95) Naphthalene	15.239	128	492568	58.211	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	214003	61.566	ug/l	99

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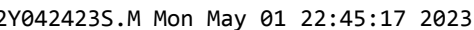
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

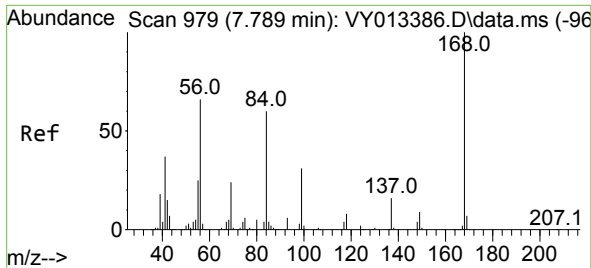
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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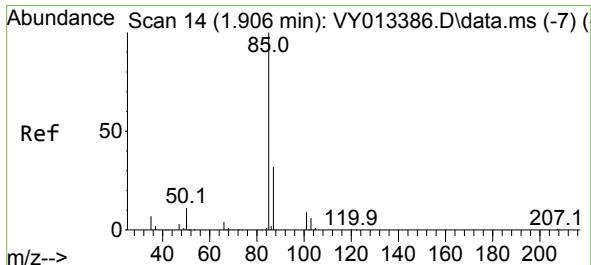
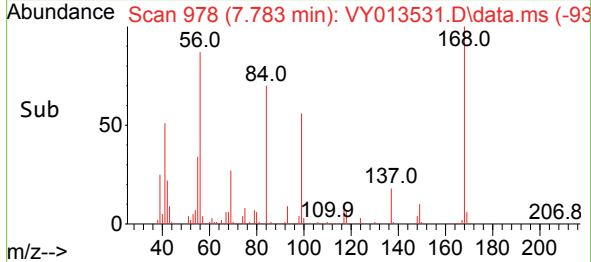
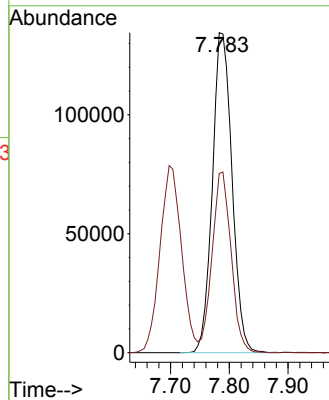
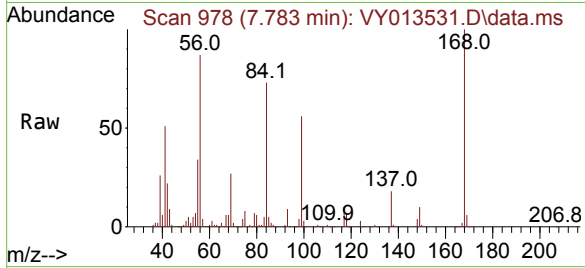




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013531.D
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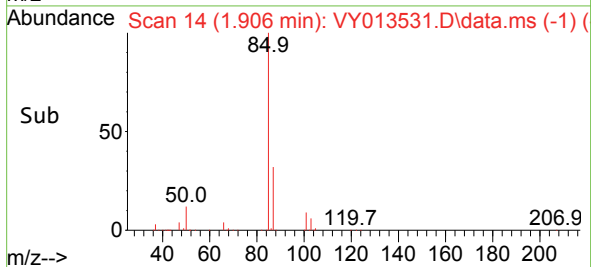
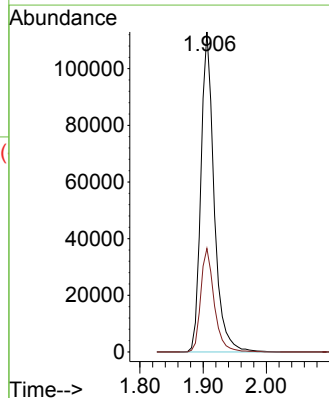
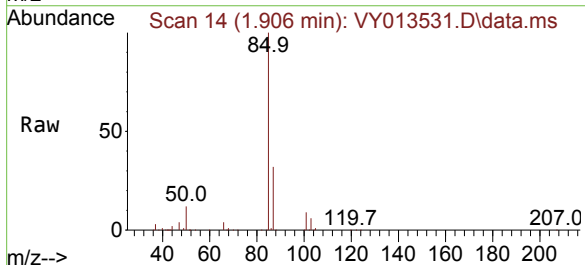
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

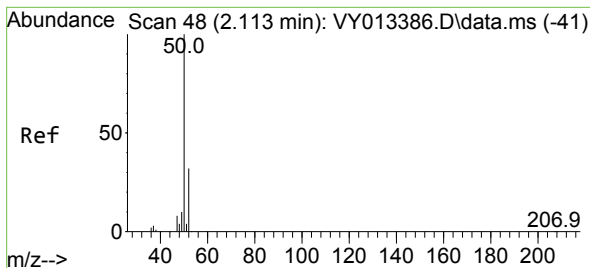
Tgt Ion:168 Resp: 312493
Ion Ratio Lower Upper
168 100
99 55.9 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 55.210 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 85 Resp: 164018
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2





#3

Chloromethane

Concen: 48.189 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

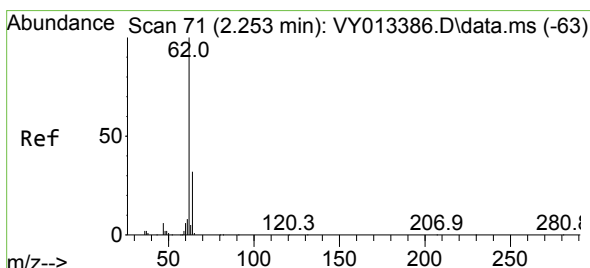
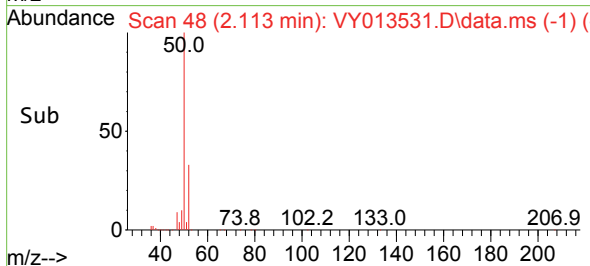
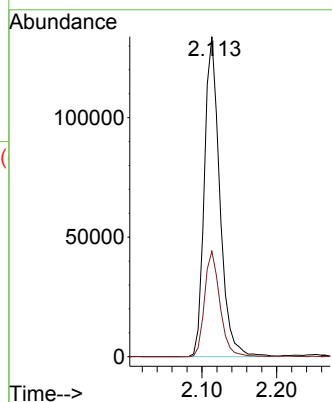
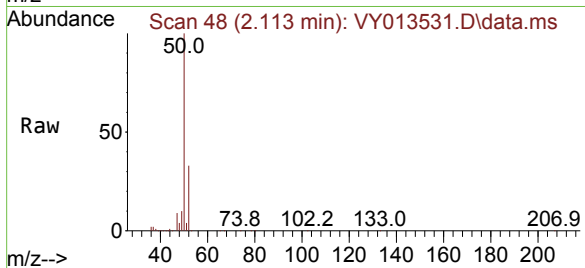
VSTDCCC050

Tgt Ion: 50 Resp: 191897

Ion Ratio Lower Upper

50 100

52 33.0 25.9 38.9



#4

Vinyl Chloride

Concen: 48.444 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013531.D

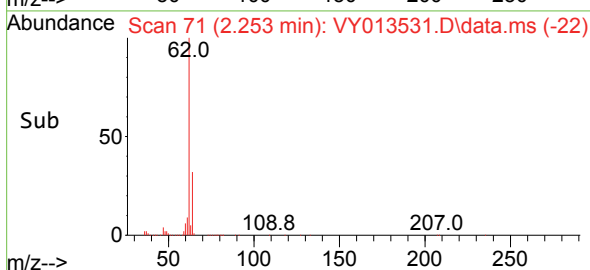
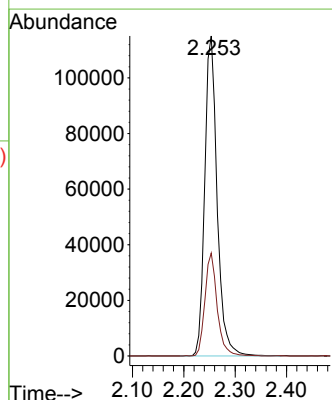
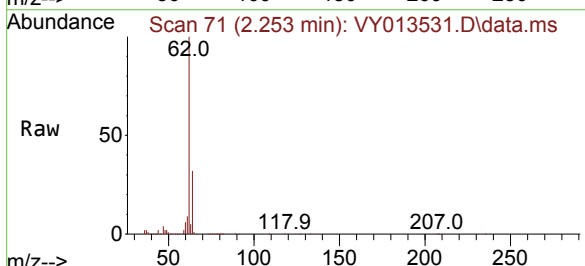
Acq: 01 May 2023 11:15

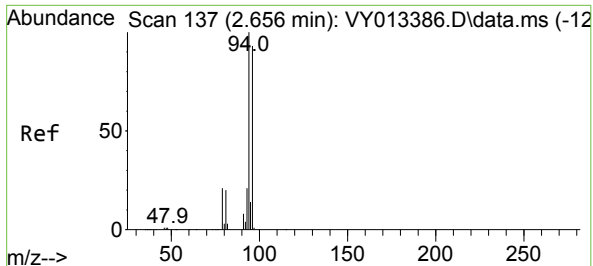
Tgt Ion: 62 Resp: 192082

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0

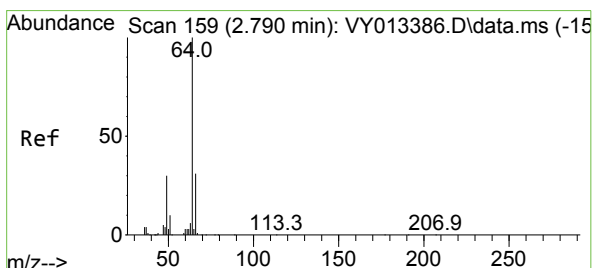
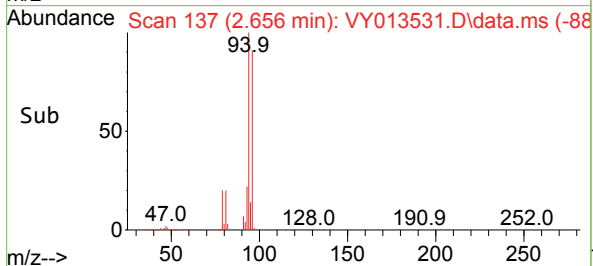
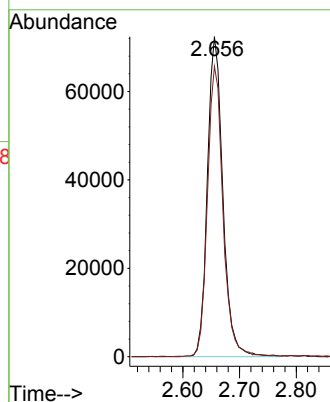
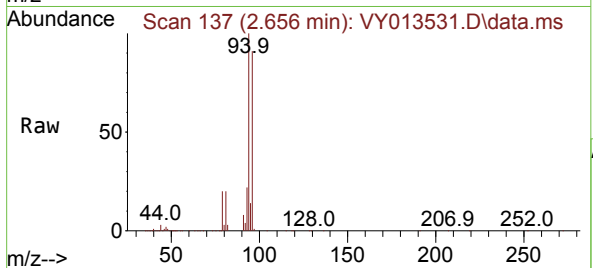




#5
Bromomethane
Concen: 43.460 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
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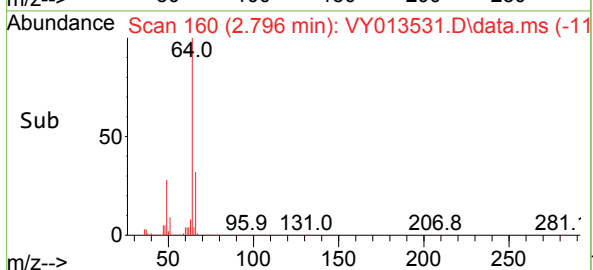
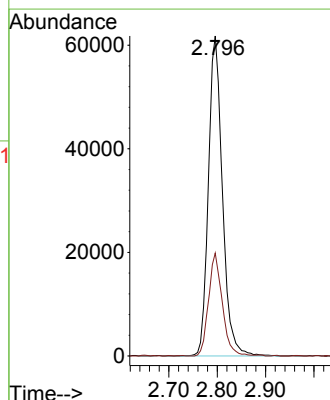
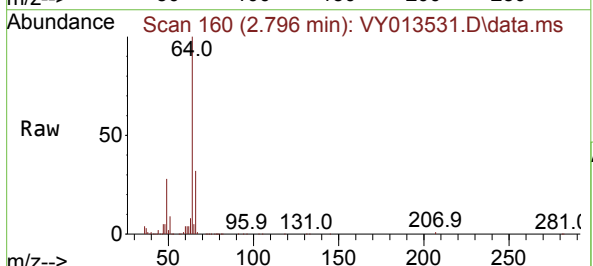
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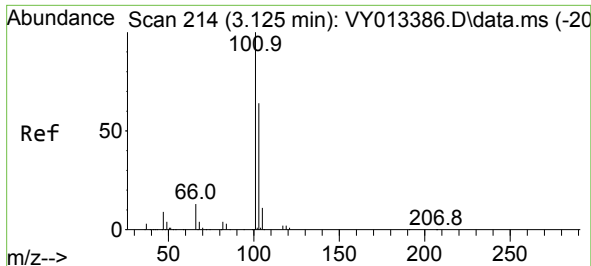
Tgt Ion: 94 Resp: 137319
Ion Ratio Lower Upper
94 100
96 90.5 74.2 111.2



#6
Chloroethane
Concen: 45.411 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 64 Resp: 124389
Ion Ratio Lower Upper
64 100
66 32.1 24.6 37.0

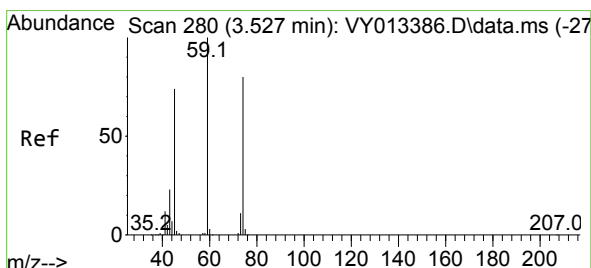
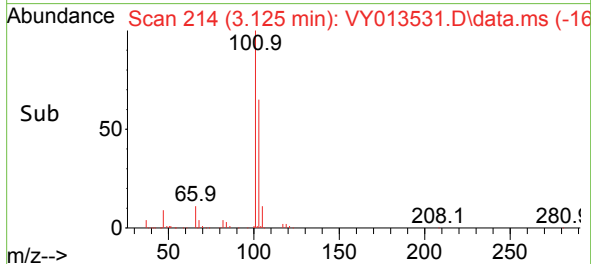
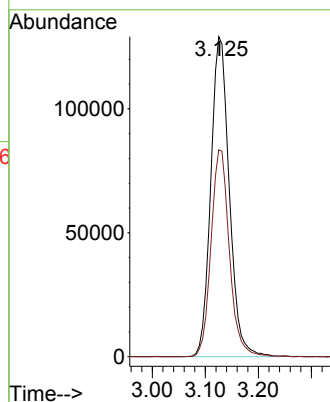
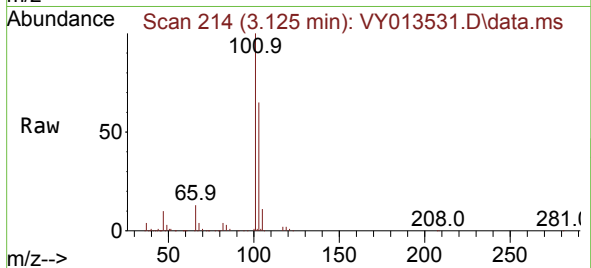




#7
Trichlorofluoromethane
Concen: 52.099 ug/l
RT: 3.125 min Scan# 214
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

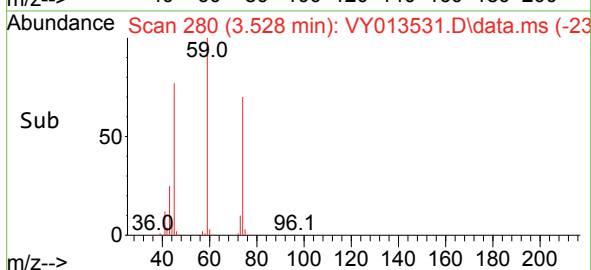
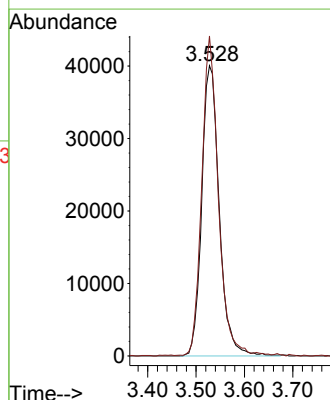
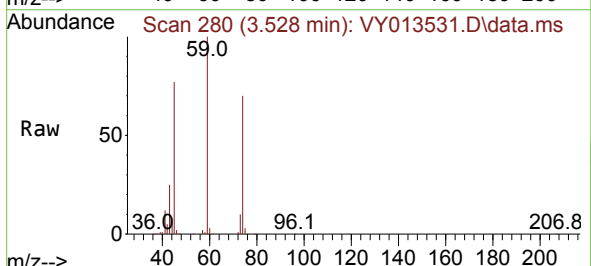
Instrument :
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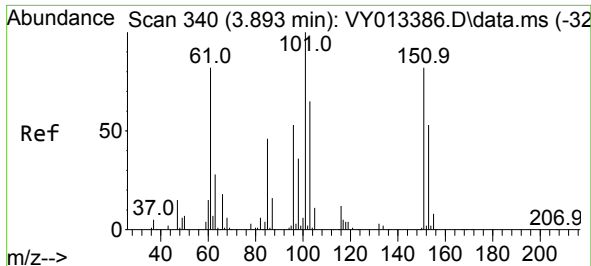
Tgt Ion:101 Resp: 312939
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4



#8
Diethyl Ether
Concen: 49.217 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 74 Resp: 100671
Ion Ratio Lower Upper
74 100
45 103.4 48.2 144.6

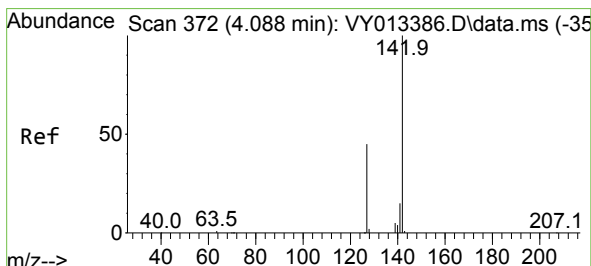
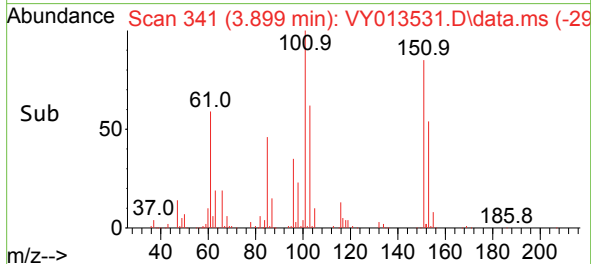
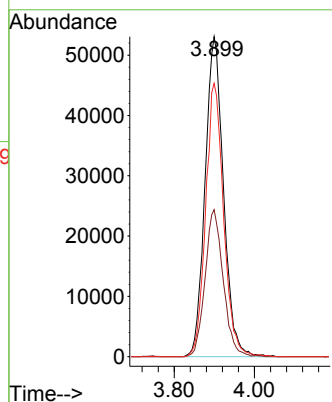
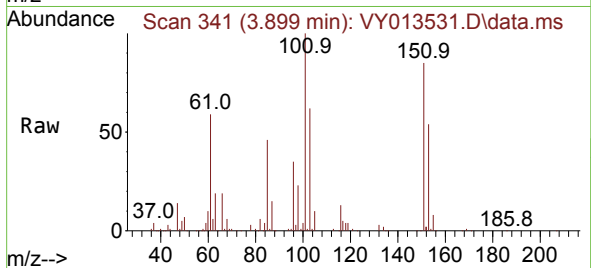




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.252 ug/l
RT: 3.899 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

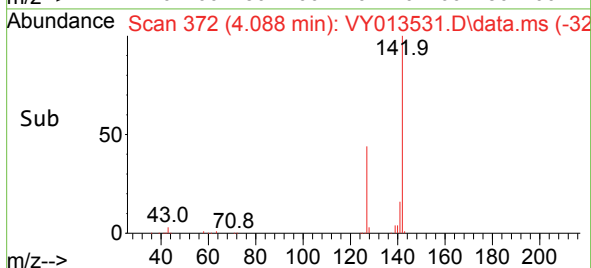
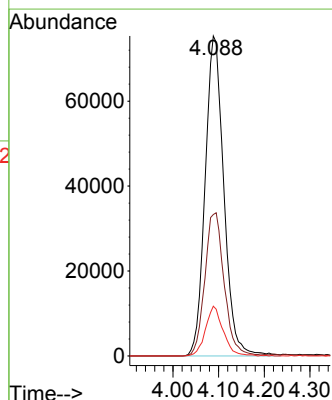
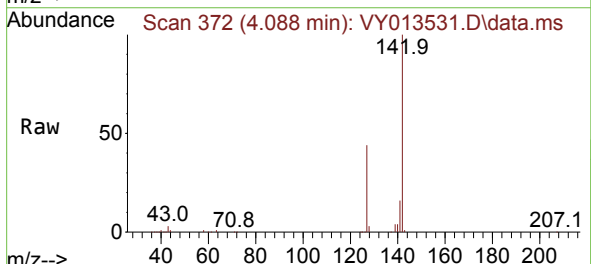
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

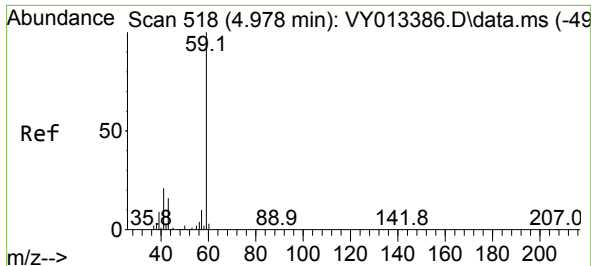
Tgt Ion:101 Resp: 169308
Ion Ratio Lower Upper
101 100
85 45.2 35.6 53.4
151 83.4 68.0 102.0



#10
Methyl Iodide
Concen: 50.673 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion:142 Resp: 214432
Ion Ratio Lower Upper
142 100
127 46.1 36.1 54.1
141 14.7 11.6 17.4

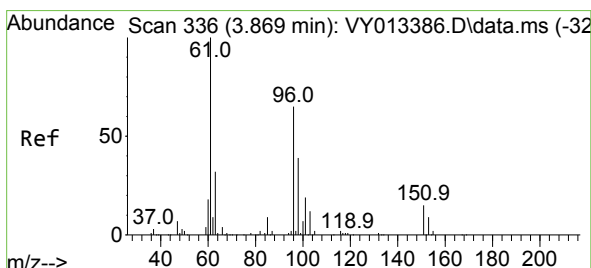
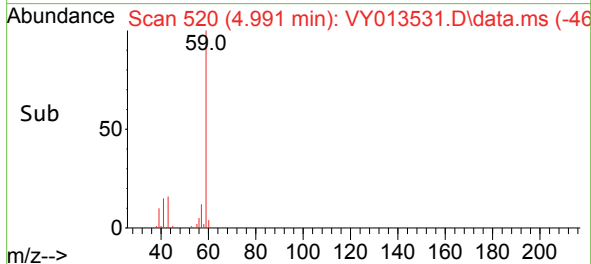
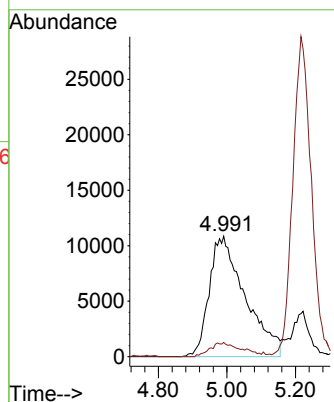
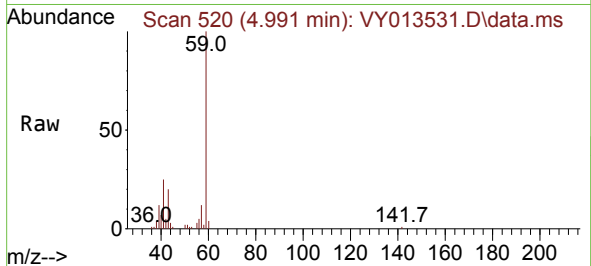




#11
Tert butyl alcohol
Concen: 205.383 ug/l
RT: 4.991 min Scan# 518
Delta R.T. 0.013 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

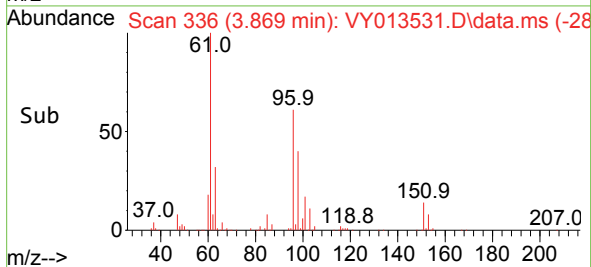
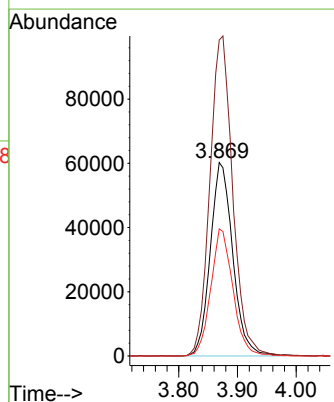
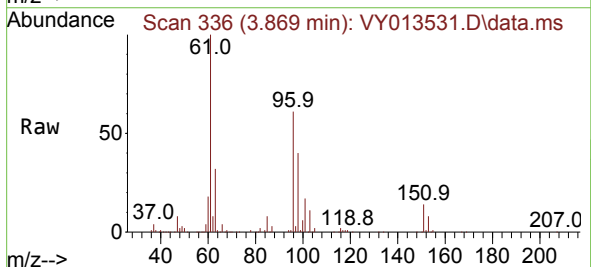
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

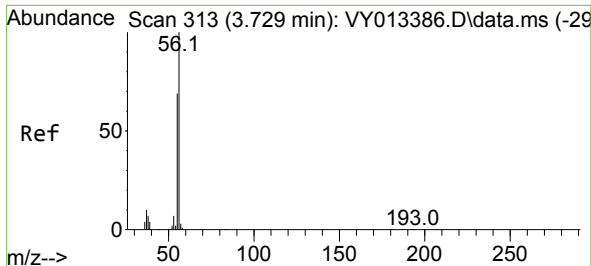
Tgt Ion: 59 Resp: 79200
Ion Ratio Lower Upper
59 100
57 4.0 3.0 4.4



#12
1,1-Dichloroethene
Concen: 49.397 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 96 Resp: 160425
Ion Ratio Lower Upper
96 100
61 163.3 123.9 185.9
98 65.7 48.9 73.3

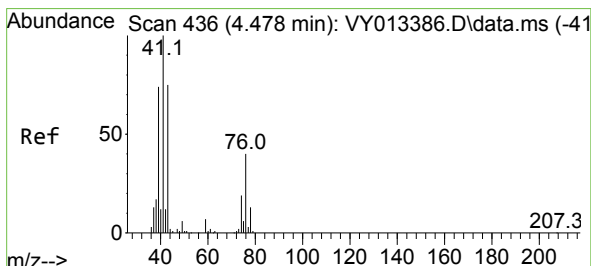
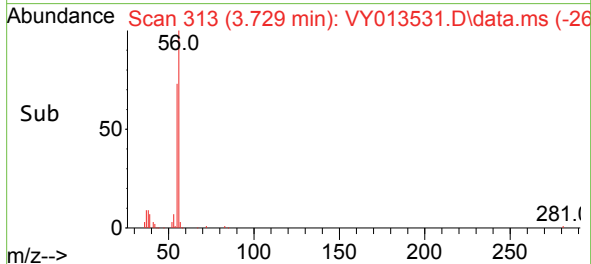
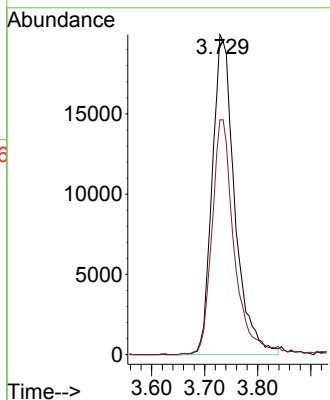
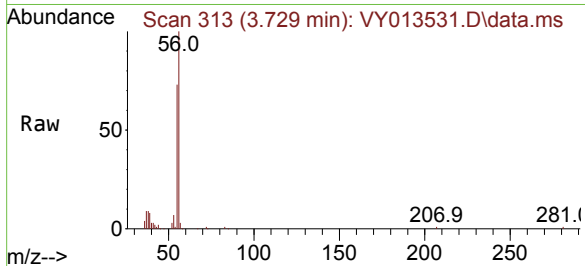




#13
Acrolein
Concen: 193.764 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

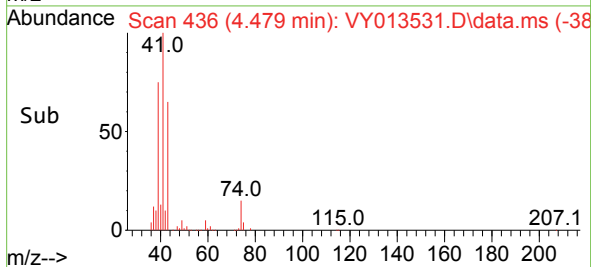
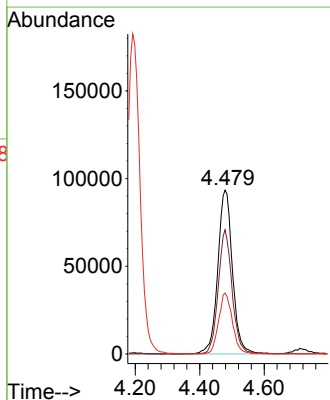
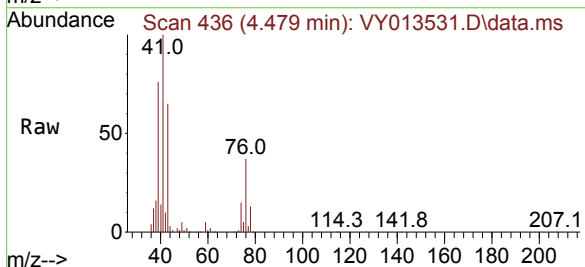
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

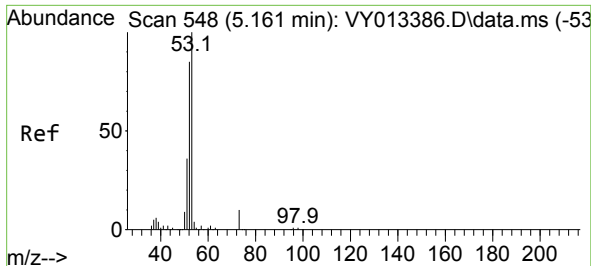
Tgt Ion: 56 Resp: 58592
Ion Ratio Lower Upper
56 100
55 73.0 54.1 81.1



#14
Allyl chloride
Concen: 49.245 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 41 Resp: 296757
Ion Ratio Lower Upper
41 100
39 71.5 56.6 85.0
76 34.7 30.5 45.7

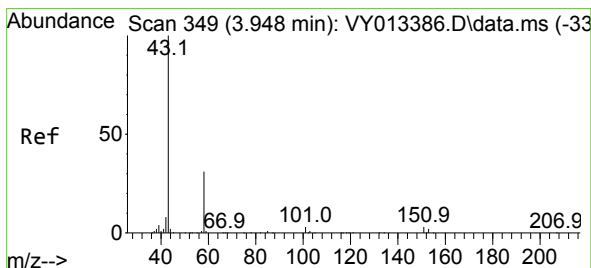
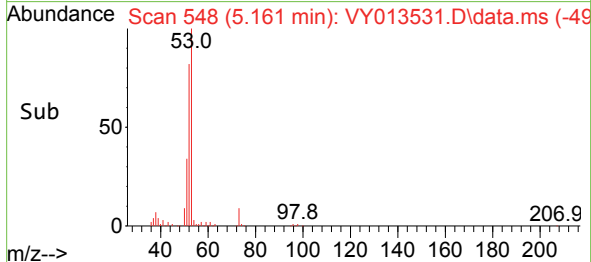
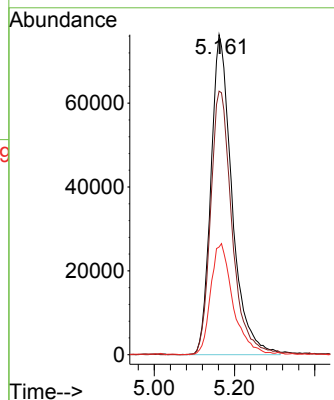
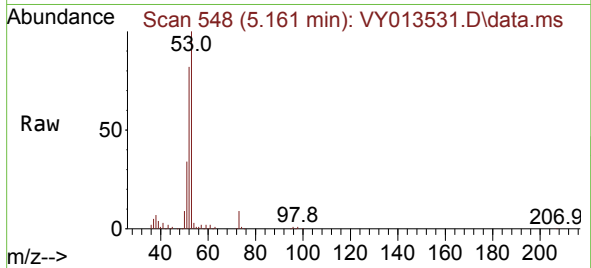




#15
Acrylonitrile
Concen: 243.507 ug/l
RT: 5.161 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

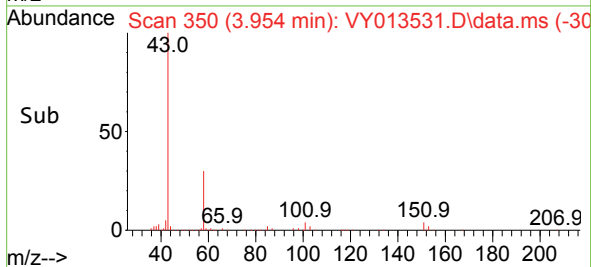
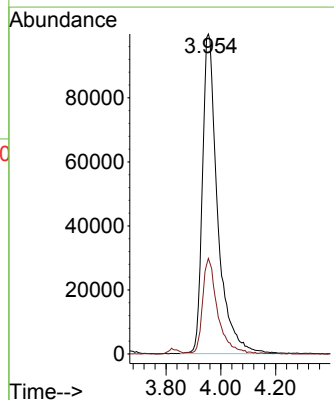
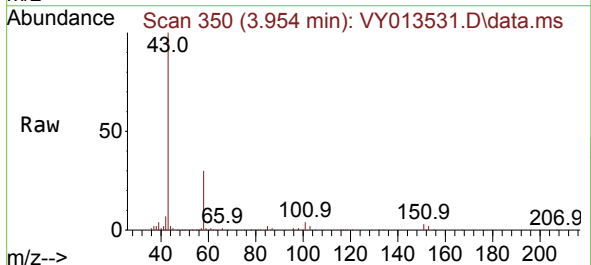
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

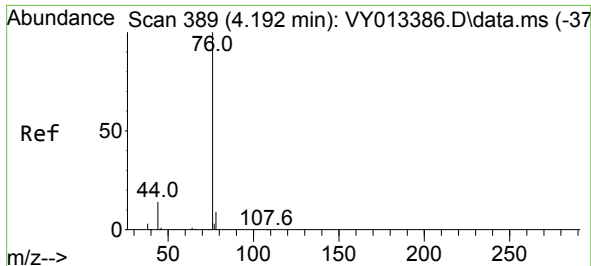
Tgt Ion: 53 Resp: 278945
Ion Ratio Lower Upper
53 100
52 83.5 65.4 98.0
51 36.8 29.3 43.9



#16
Acetone
Concen: 284.025 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 43 Resp: 383161
Ion Ratio Lower Upper
43 100
58 29.8 25.4 38.0

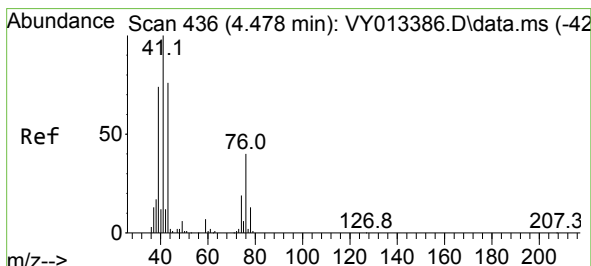
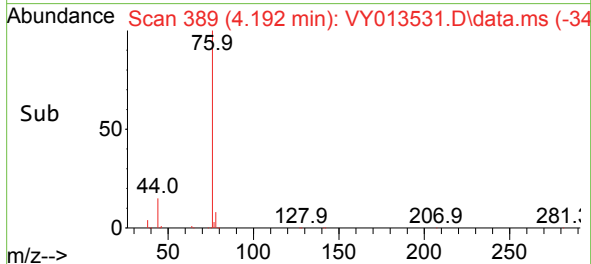
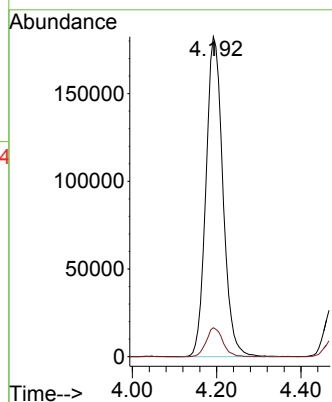
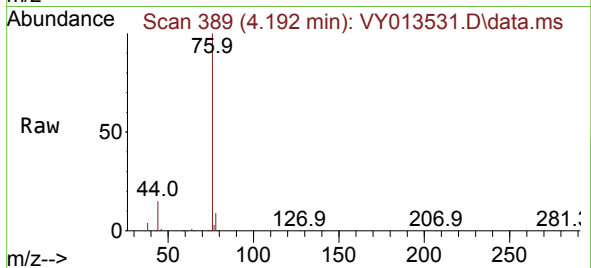




#17
Carbon Disulfide
Concen: 48.387 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

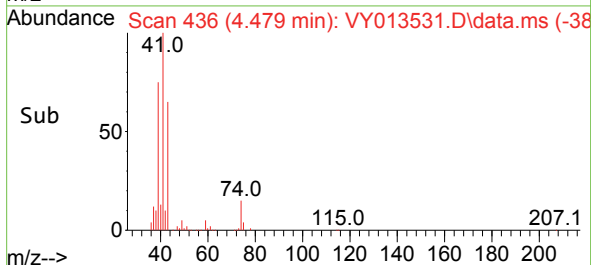
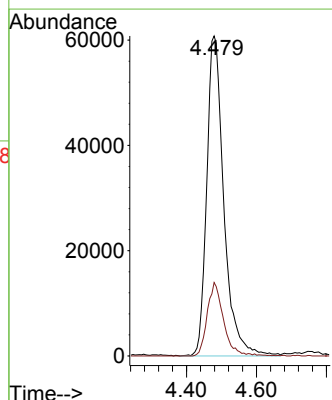
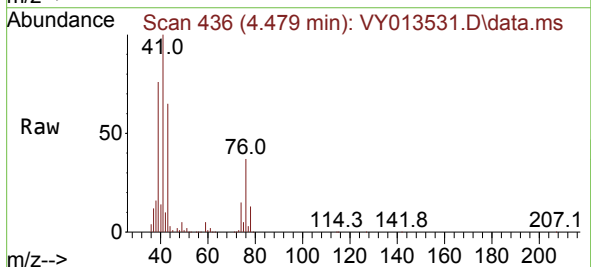
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

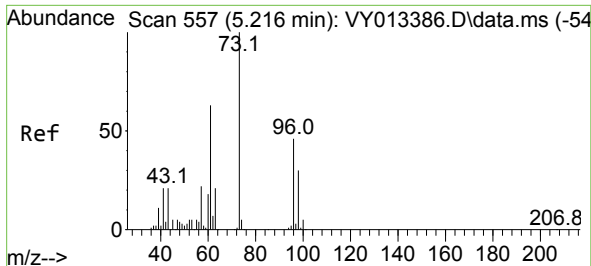
Tgt Ion: 76 Resp: 510459
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 46.421 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 43 Resp: 206835
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 51.022 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

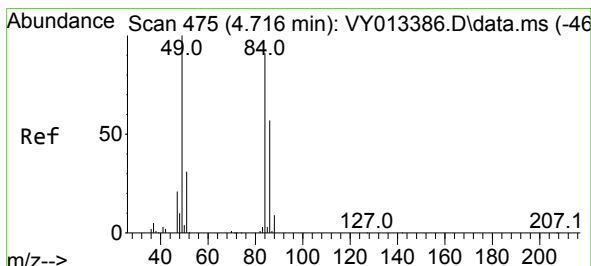
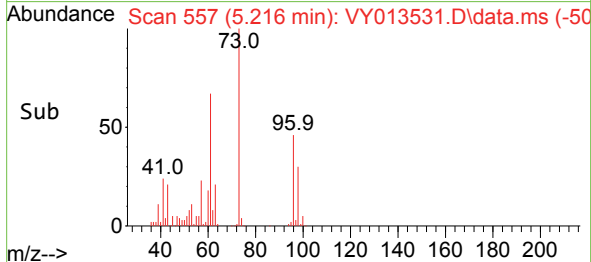
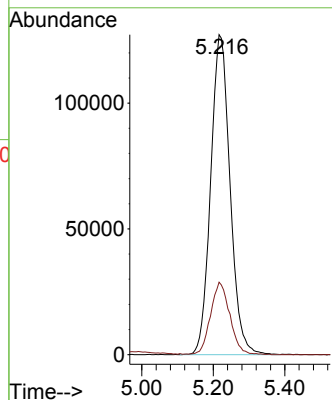
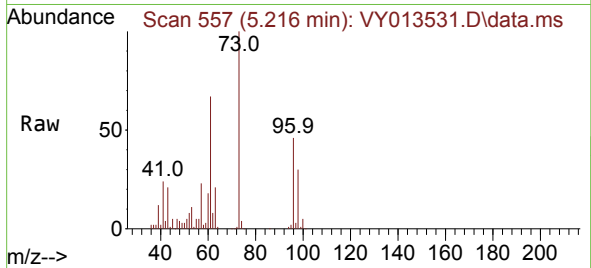
VSTDCCC050

Tgt Ion: 73 Resp: 478388

Ion Ratio Lower Upper

73 100

57 22.7 17.8 26.8



#20

Methylene Chloride

Concen: 48.771 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Tgt Ion: 84 Resp: 206957

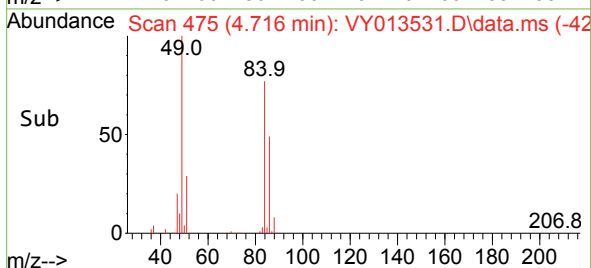
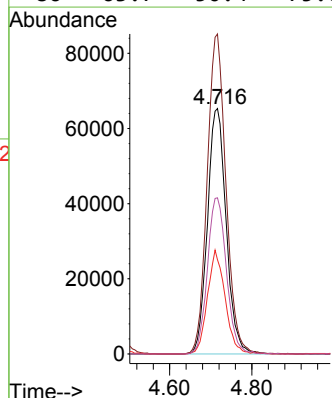
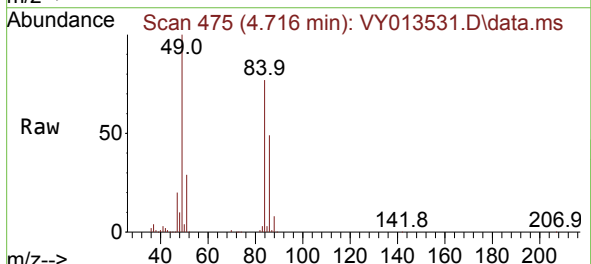
Ion Ratio Lower Upper

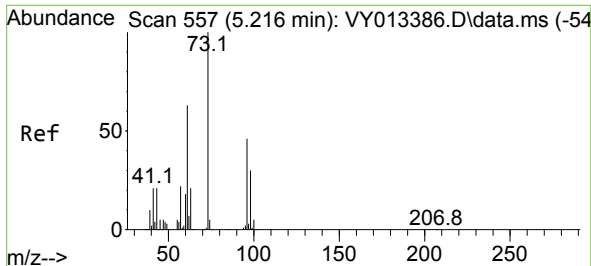
84 100

49 130.4 88.0 132.0

51 38.4 27.4 41.0

86 63.7 50.4 75.6

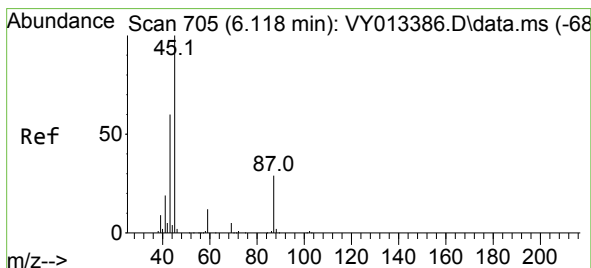
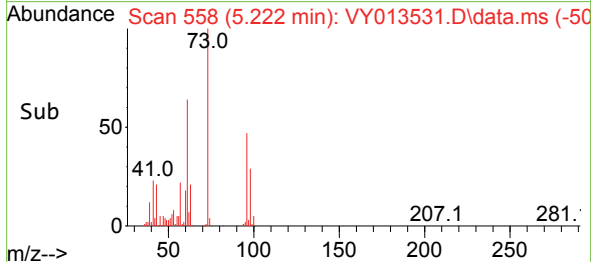
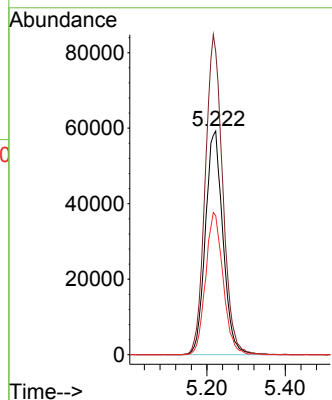
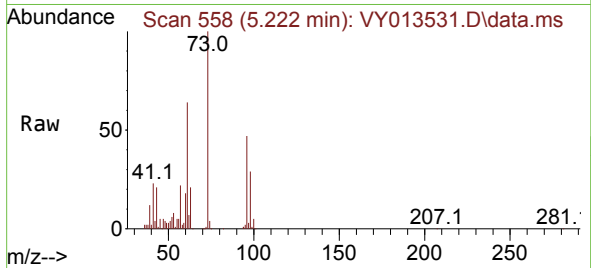




#21
trans-1,2-Dichloroethene
Concen: 51.748 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

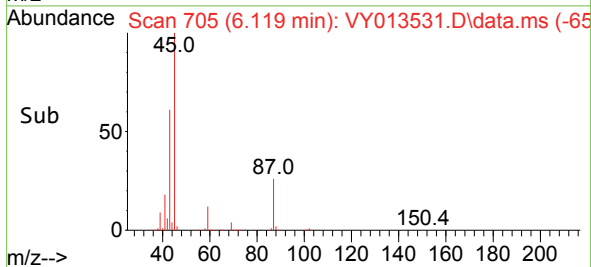
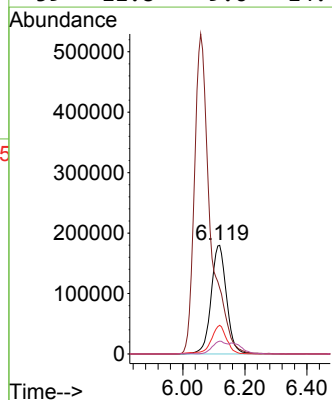
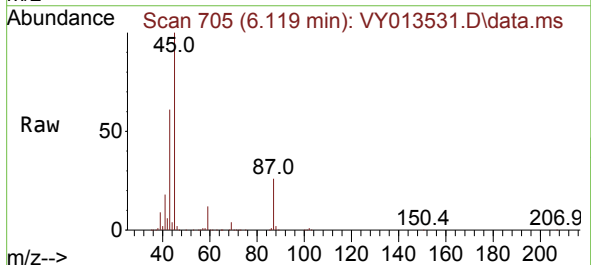
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

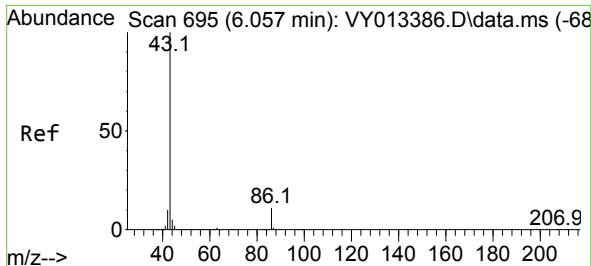
Tgt Ion: 96 Resp: 183752
Ion Ratio Lower Upper
96 100
61 135.5 110.6 165.8
98 62.2 53.1 79.7



#22
Diisopropyl ether
Concen: 52.428 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 45 Resp: 617525
Ion Ratio Lower Upper
45 100
43 60.4 48.4 72.6
87 26.4 23.8 35.6
59 11.8 9.6 14.4

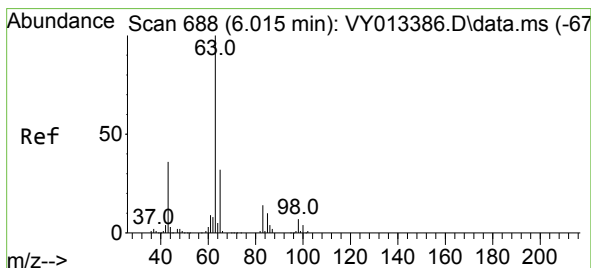
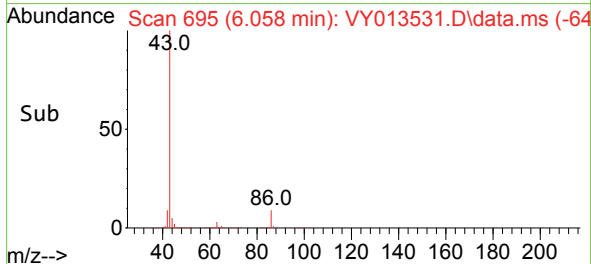
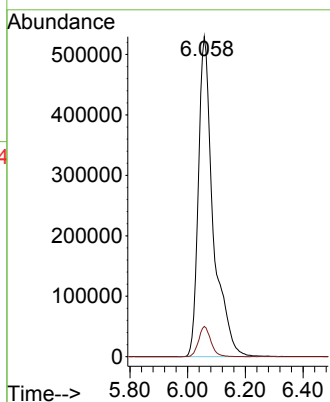
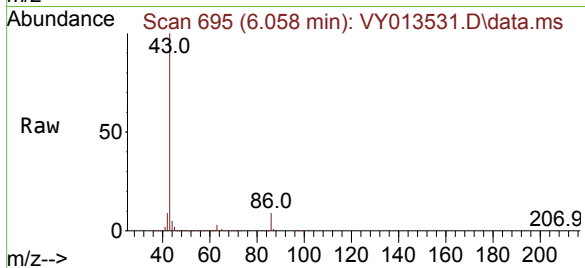




#23
 Vinyl Acetate
 Concen: 282.143 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013531.D
 Acq: 01 May 2023 11:15

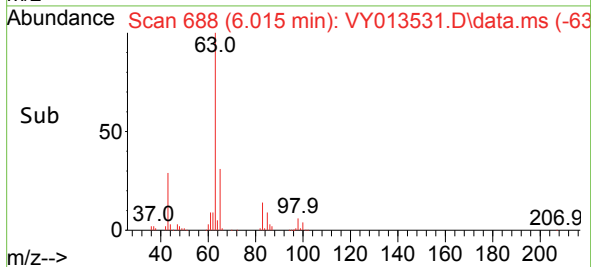
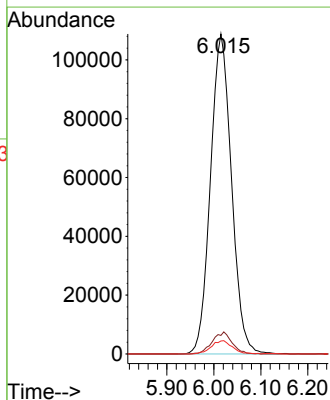
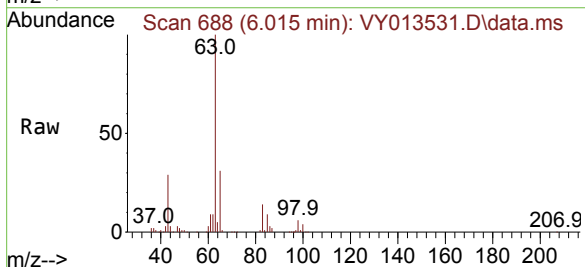
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

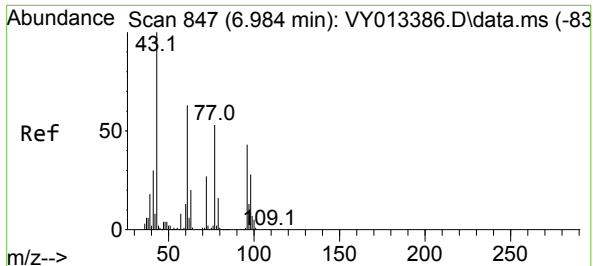
Tgt Ion: 43 Resp: 1881587
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 51.492 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013531.D
 Acq: 01 May 2023 11:15

Tgt Ion: 63 Resp: 338023
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.5 10.6
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 258.959 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

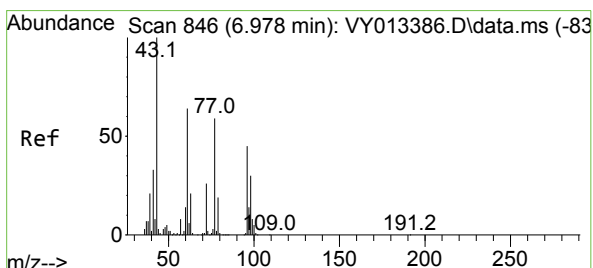
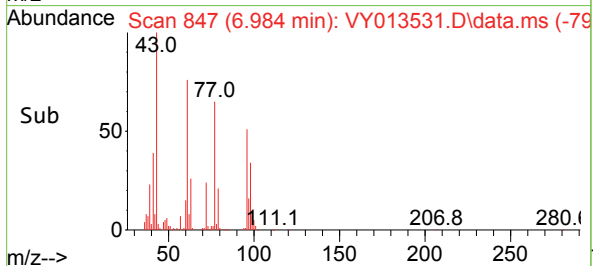
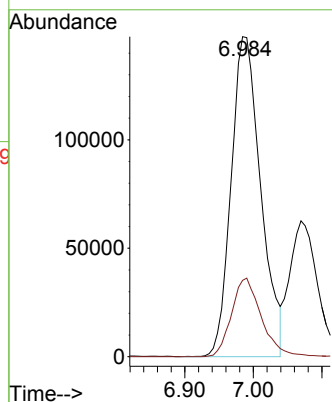
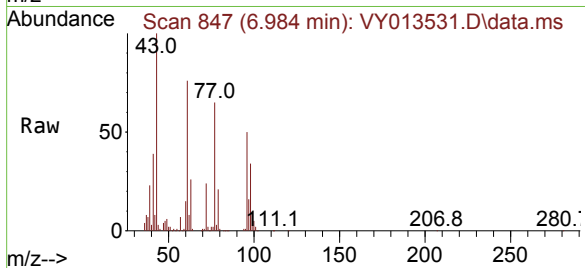
VSTDCCC050

Tgt Ion: 43 Resp: 443047

Ion Ratio Lower Upper

43 100

72 23.9 21.9 32.9



#26

2,2-Dichloropropane

Concen: 53.357 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013531.D

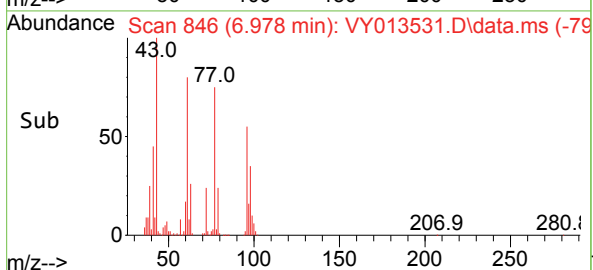
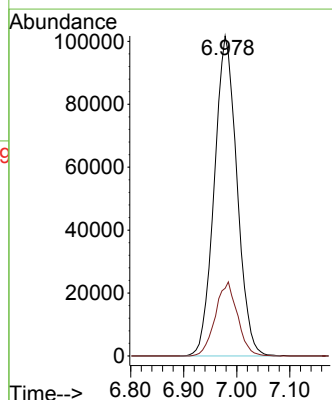
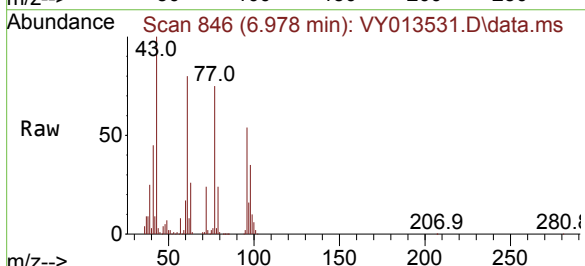
Acq: 01 May 2023 11:15

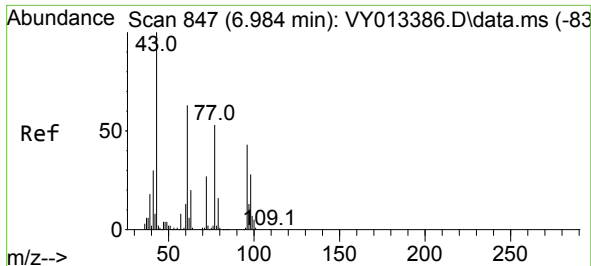
Tgt Ion: 77 Resp: 301823

Ion Ratio Lower Upper

77 100

97 22.6 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 52.294 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

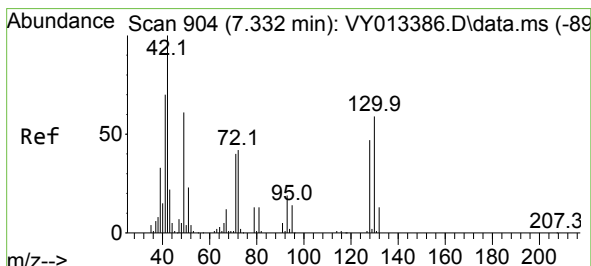
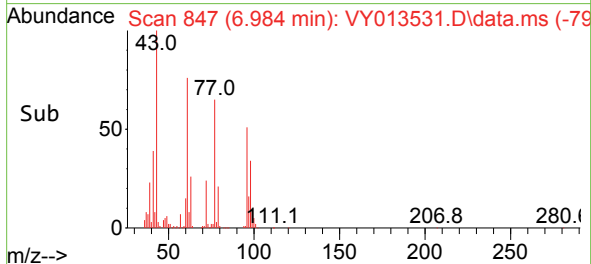
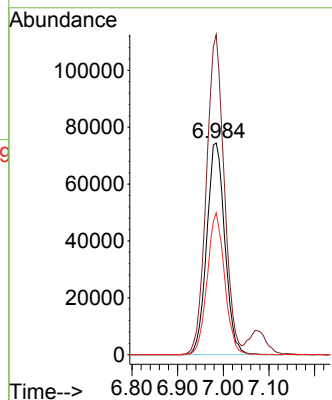
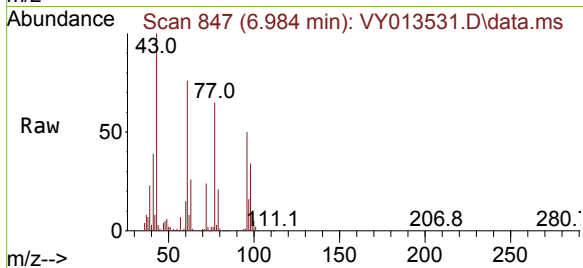
Tgt Ion: 96 Resp: 205169

Ion Ratio Lower Upper

96 100

61 148.6 0.0 285.0

98 64.6 0.0 130.6



#28

Bromochloromethane

Concen: 48.481 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

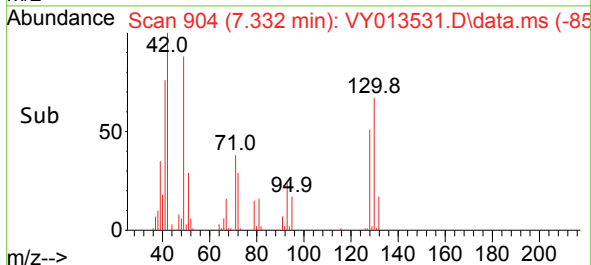
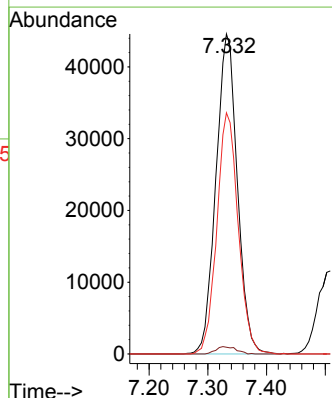
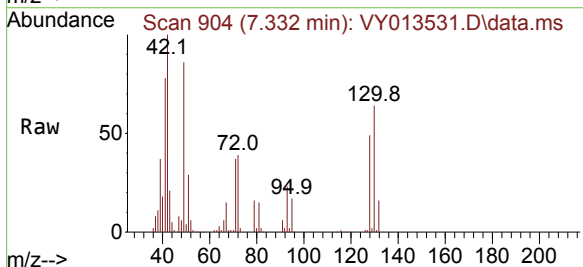
Tgt Ion: 49 Resp: 112937

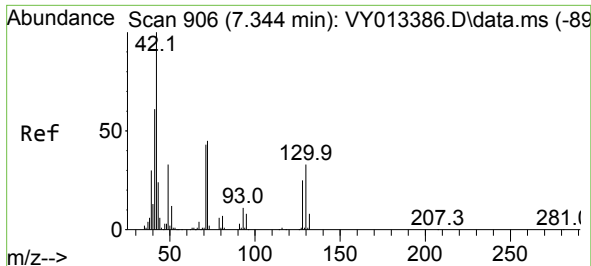
Ion Ratio Lower Upper

49 100

129 2.2 0.0 5.2

130 75.0 72.1 108.1





#29

Tetrahydrofuran

Concen: 233.543 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

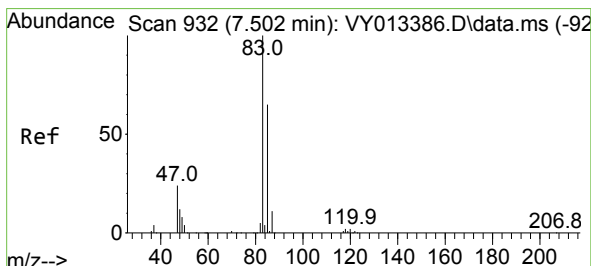
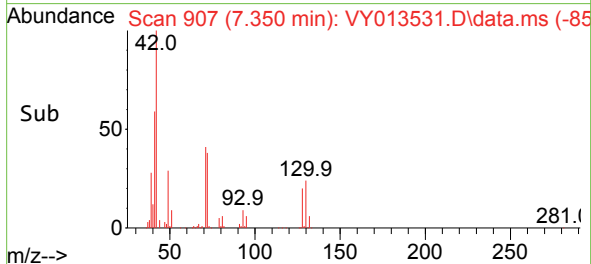
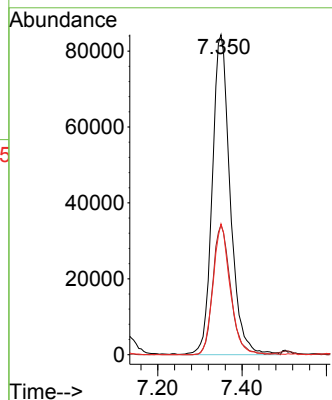
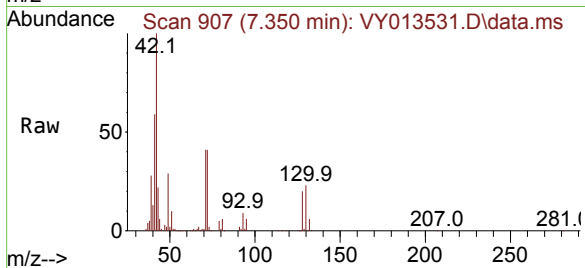
Tgt Ion: 42 Resp: 248720

Ion Ratio Lower Upper

42 100

72 40.0 35.9 53.9

71 39.2 34.3 51.5



#30

Chloroform

Concen: 53.721 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY013531.D

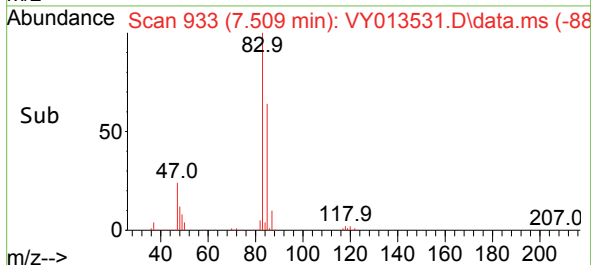
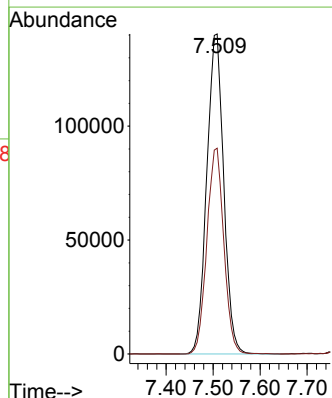
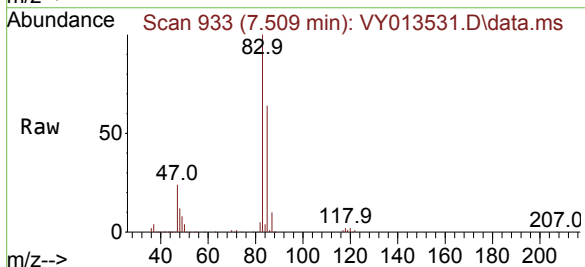
Acq: 01 May 2023 11:15

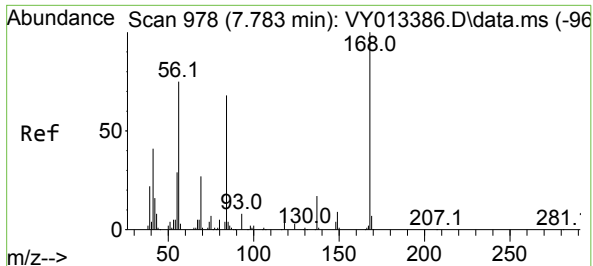
Tgt Ion: 83 Resp: 350628

Ion Ratio Lower Upper

83 100

85 64.3 52.0 78.0

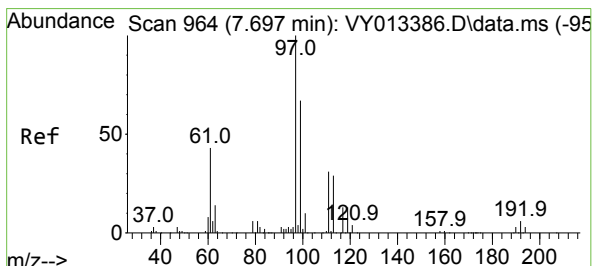
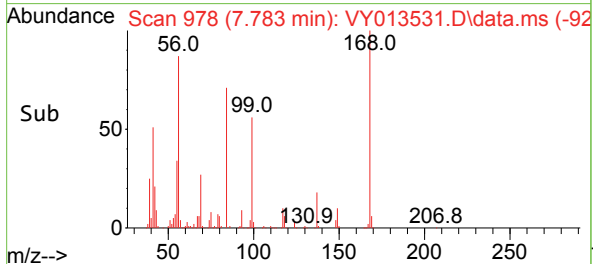
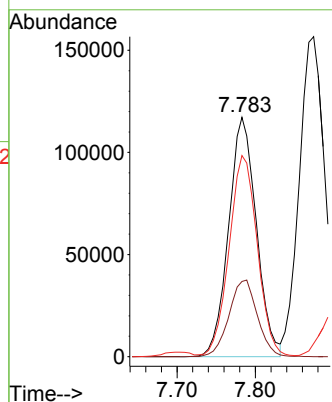
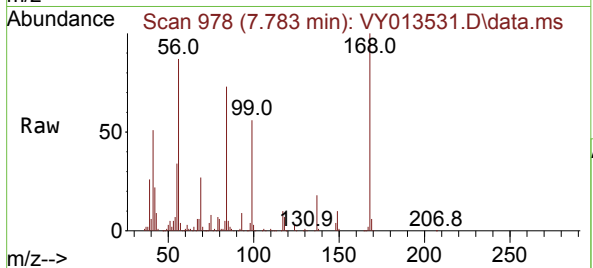




#31
Cyclohexane
Concen: 47.024 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

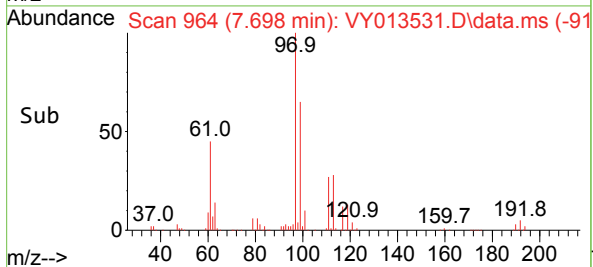
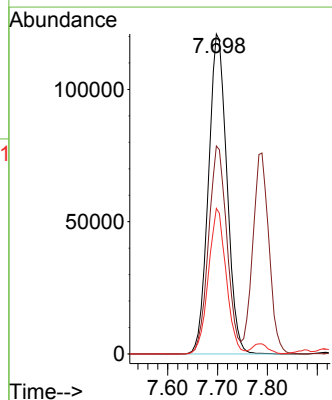
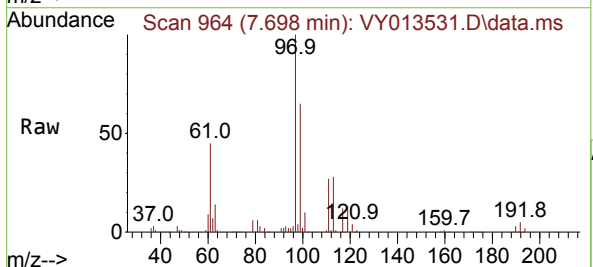
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

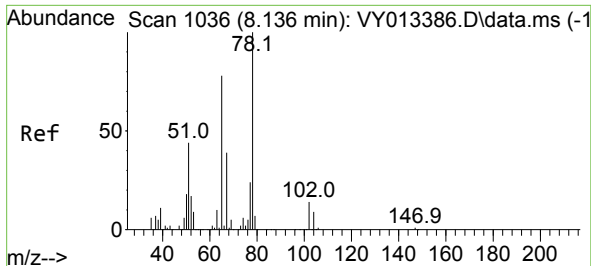
Tgt Ion: 56 Resp: 288411
Ion Ratio Lower Upper
56 100
69 31.4 29.2 43.8
84 82.1 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 53.450 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 97 Resp: 311303
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.2
61 43.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.550 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

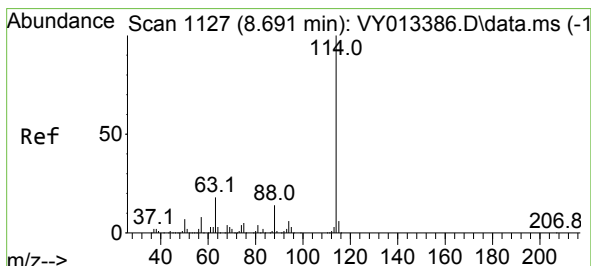
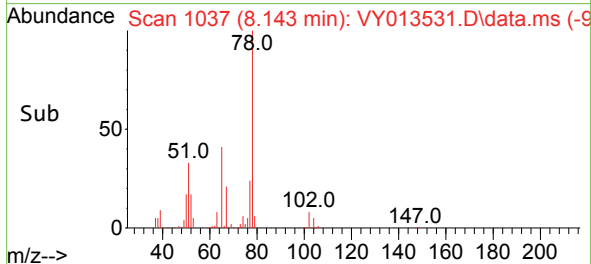
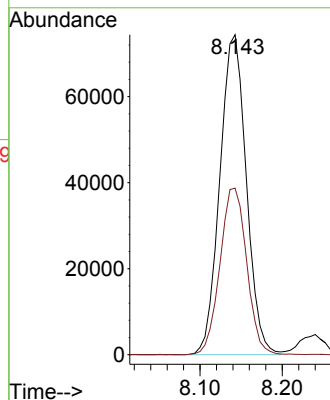
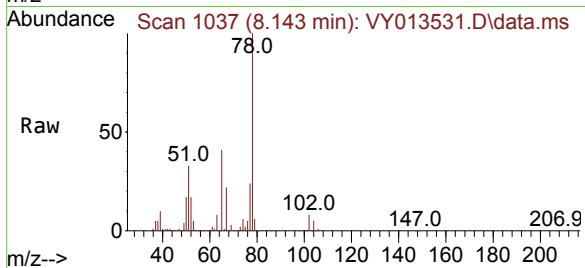
VSTDCCC050

Tgt Ion: 65 Resp: 166315

Ion Ratio Lower Upper

65 100

67 52.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

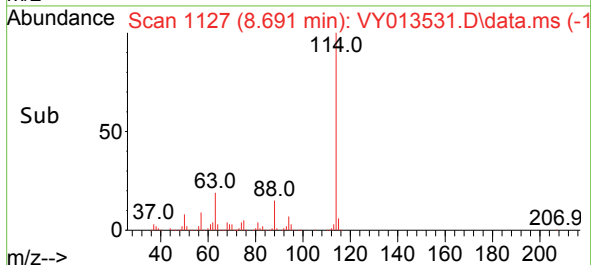
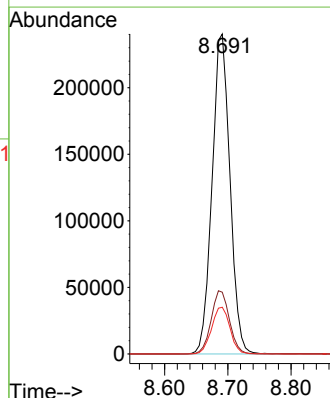
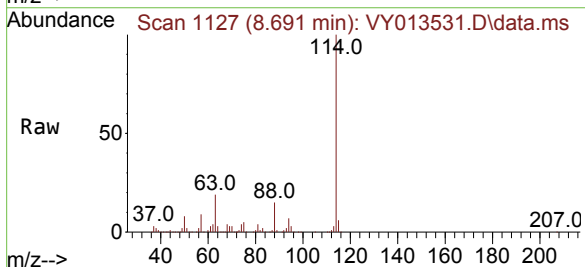
Tgt Ion: 114 Resp: 471367

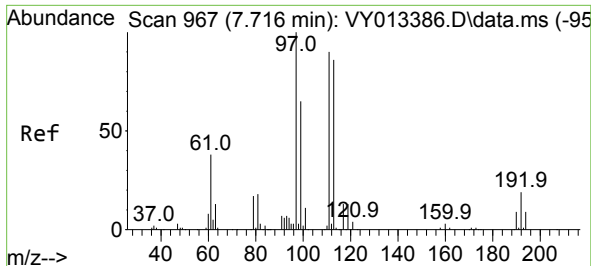
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.6

88 14.6 0.0 28.8

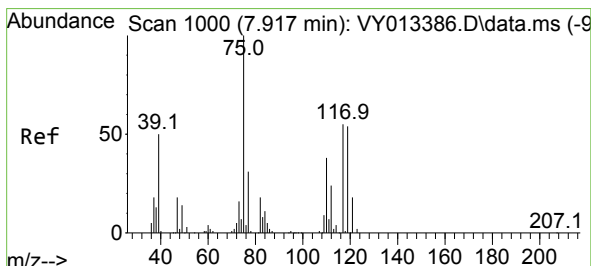
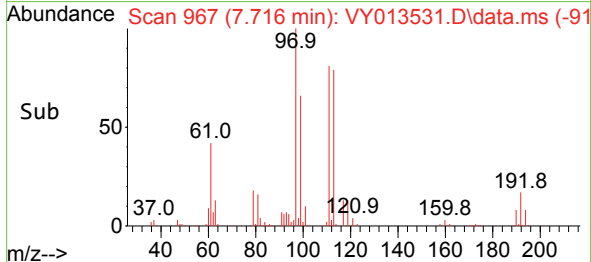
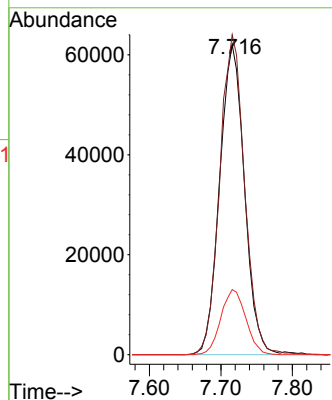
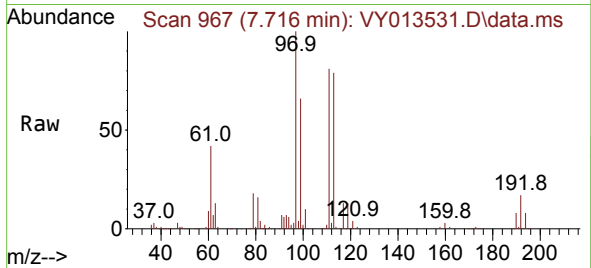




#35
Dibromofluoromethane
Concen: 50.234 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

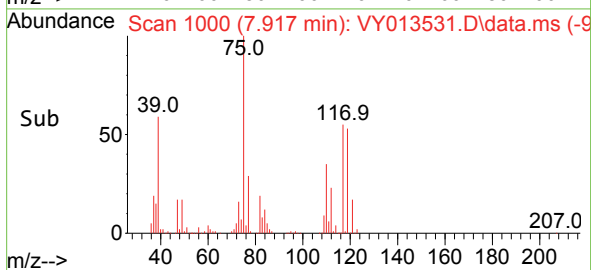
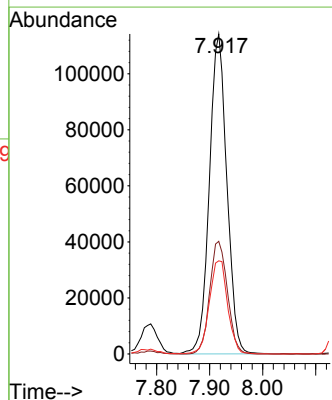
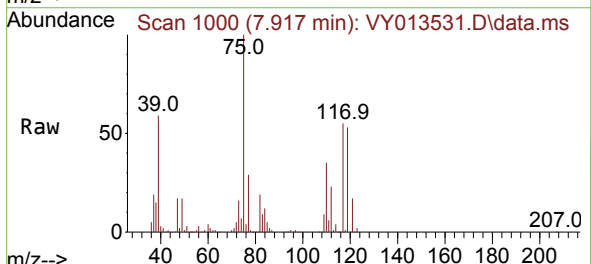
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

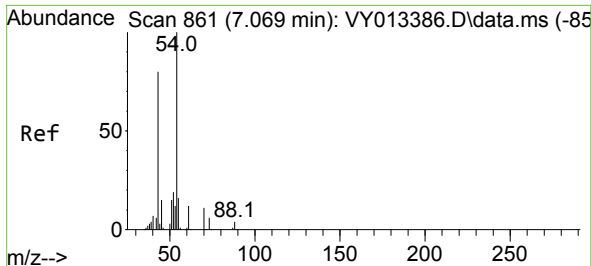
Tgt Ion:113 Resp: 148928
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 53.084 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 75 Resp: 261190
Ion Ratio Lower Upper
75 100
110 35.7 18.7 56.1
77 30.6 24.6 37.0





#37

Ethyl Acetate

Concen: 48.908 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.001 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

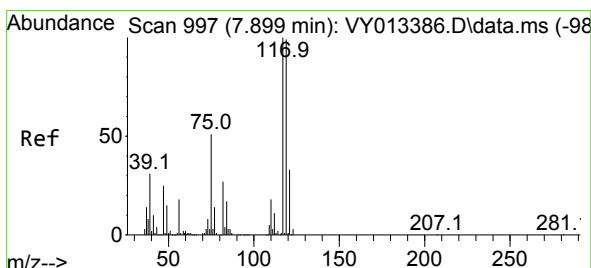
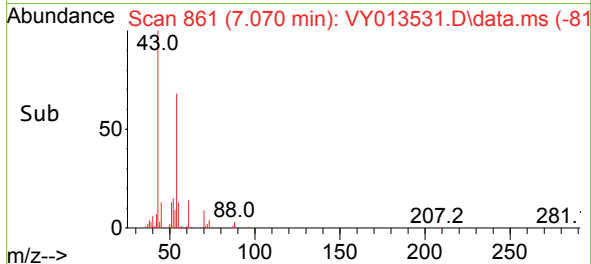
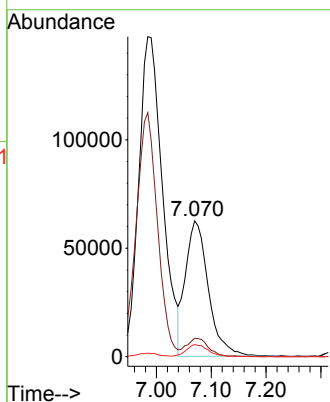
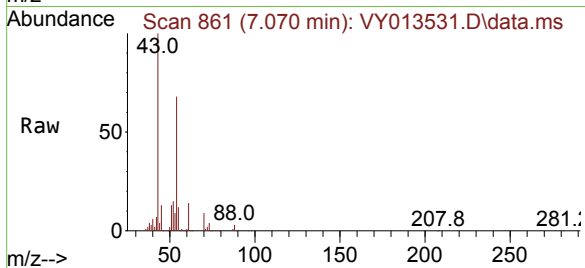
Tgt Ion: 43 Resp: 181091

Ion Ratio Lower Upper

43 100

61 13.5 11.4 17.0

70 8.7 7.9 11.9



#38

Carbon Tetrachloride

Concen: 55.589 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

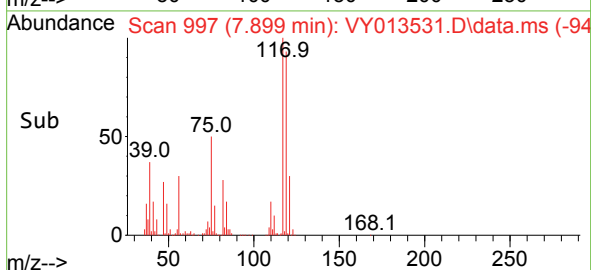
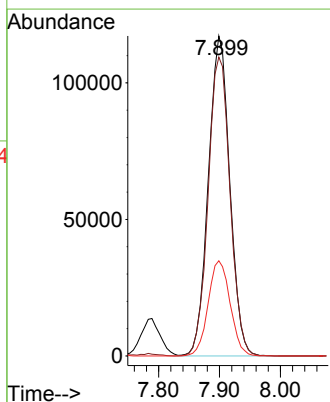
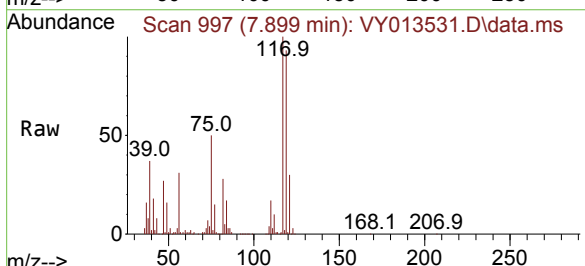
Tgt Ion: 117 Resp: 286677

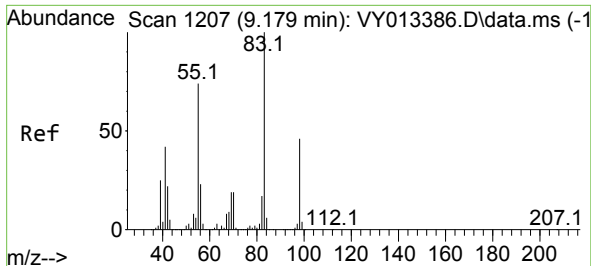
Ion Ratio Lower Upper

117 100

119 93.4 79.0 118.6

121 29.7 26.6 40.0





#39

Methylcyclohexane

Concen: 52.473 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

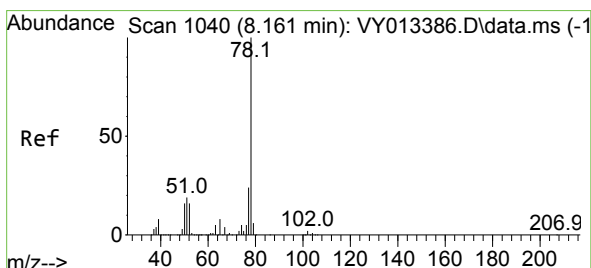
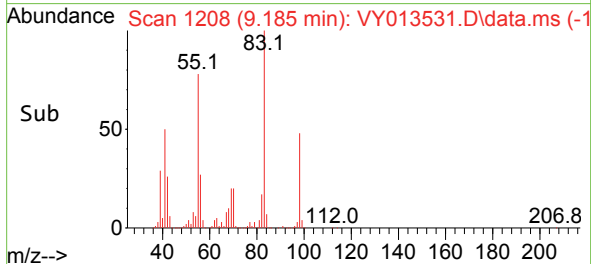
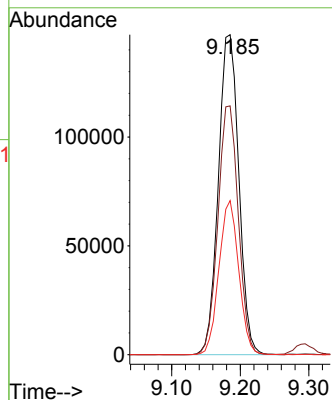
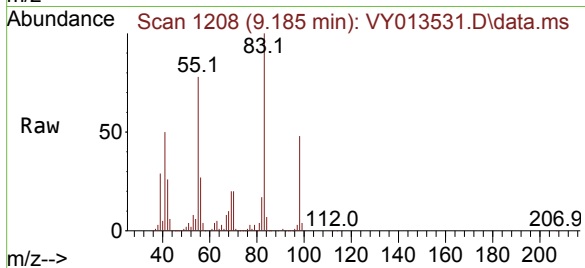
Tgt Ion: 83 Resp: 304372

Ion Ratio Lower Upper

83 100

55 77.8 59.0 88.4

98 48.2 37.0 55.4



#40

Benzene

Concen: 54.221 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013531.D

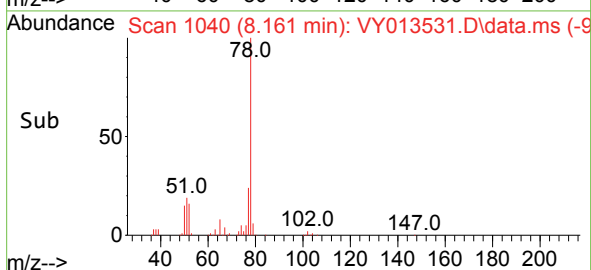
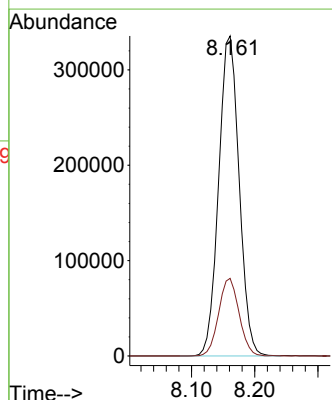
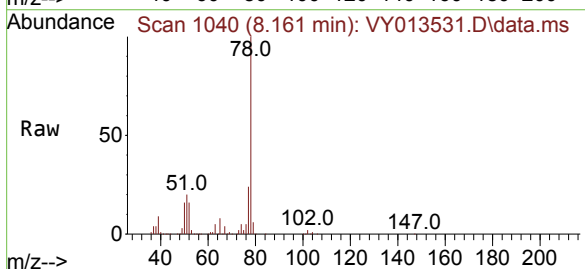
Acq: 01 May 2023 11:15

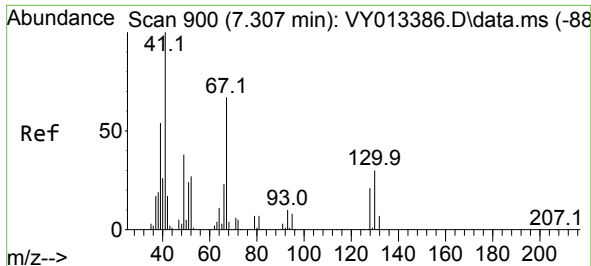
Tgt Ion: 78 Resp: 751491

Ion Ratio Lower Upper

78 100

77 24.3 19.2 28.8

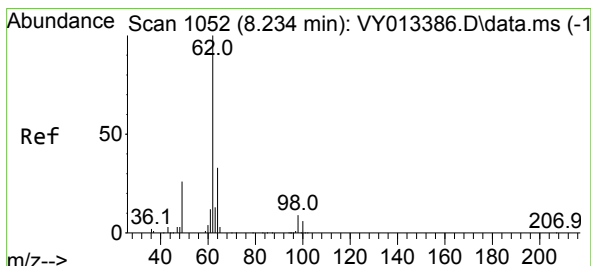
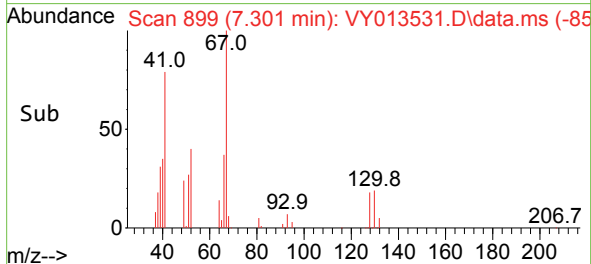
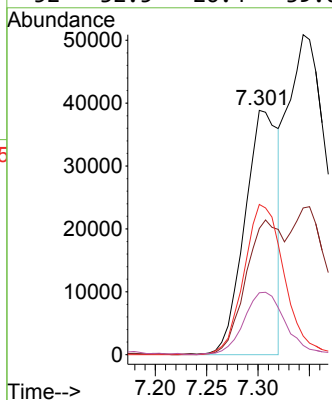
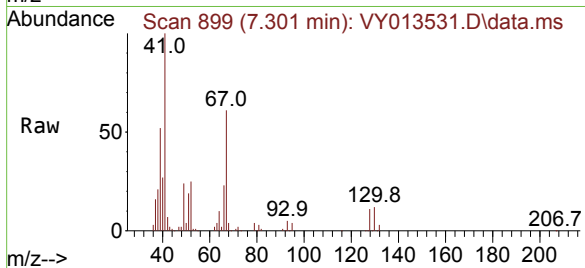




#41
Methacrylonitrile
Concen: 50.875 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

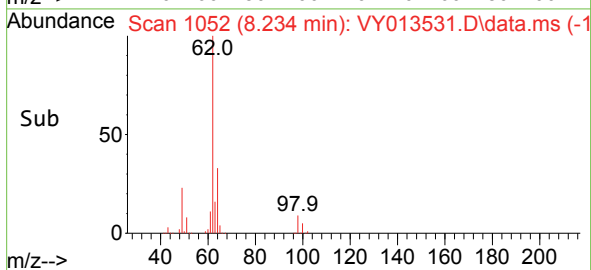
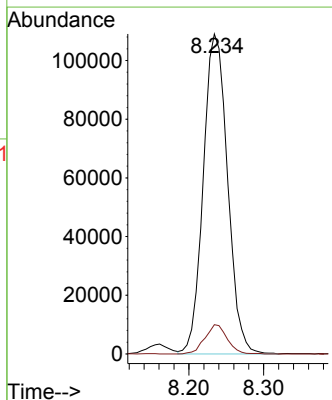
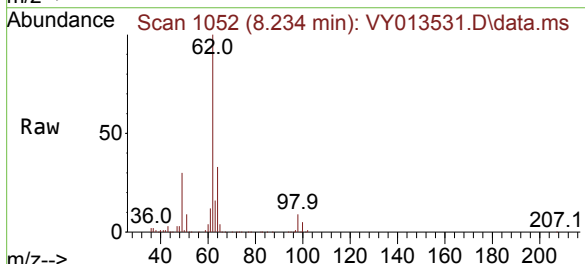
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

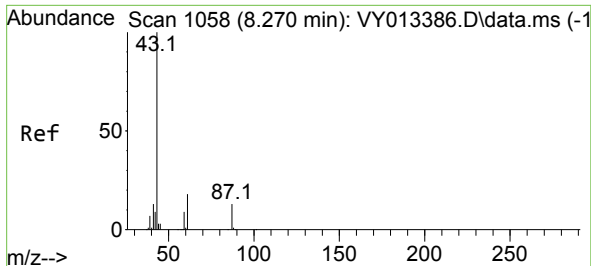
Tgt Ion:	41	Resp:	87782
Ion	Ratio	Lower	Upper
41	100		
39	61.1	44.2	66.4
67	74.5	62.9	94.3
52	32.5	26.4	39.6



#42
1,2-Dichloroethane
Concen: 54.453 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion:	62	Resp:	246742
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.8

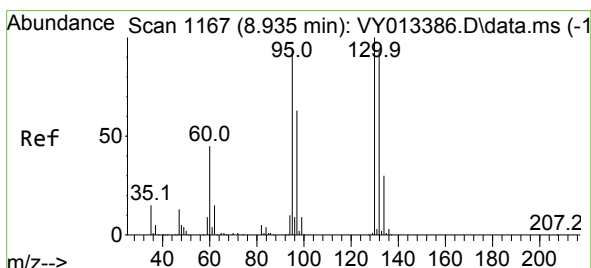
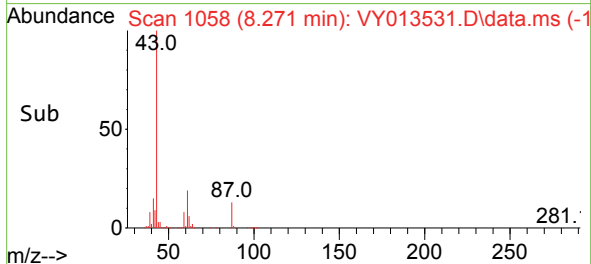
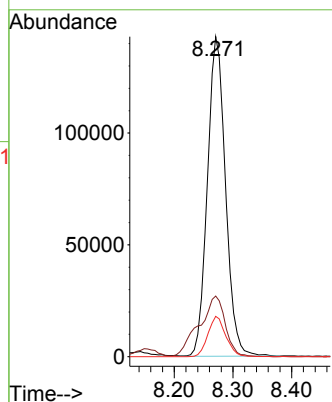
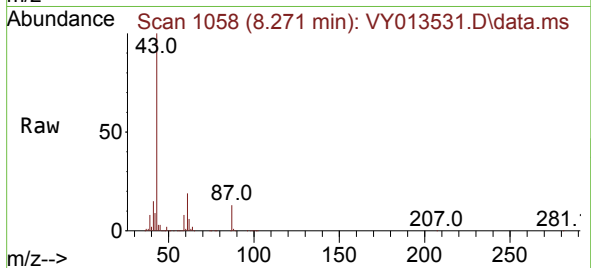




#43
Isopropyl Acetate
Concen: 49.068 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.001 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

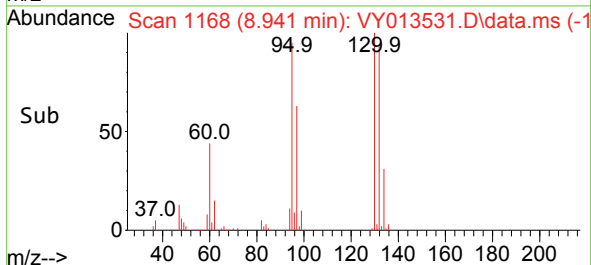
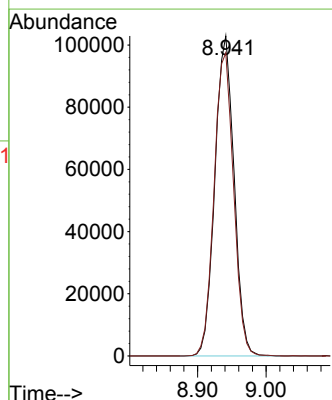
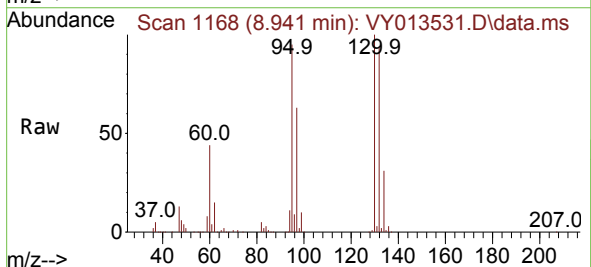
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

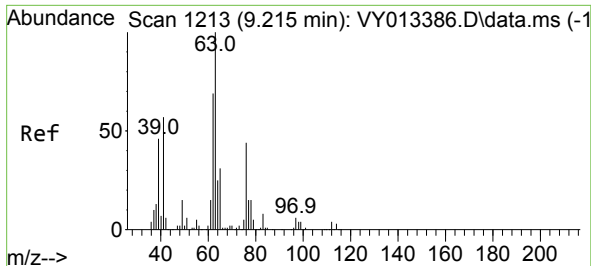
Tgt Ion: 43 Resp: 306661
Ion Ratio Lower Upper
43 100
61 27.3 22.2 33.4
87 12.5 11.0 16.6



#44
Trichloroethene
Concen: 54.133 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion:130 Resp: 199573
Ion Ratio Lower Upper
130 100
95 94.8 0.0 188.8





#45

1,2-Dichloropropane

Concen: 54.377 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

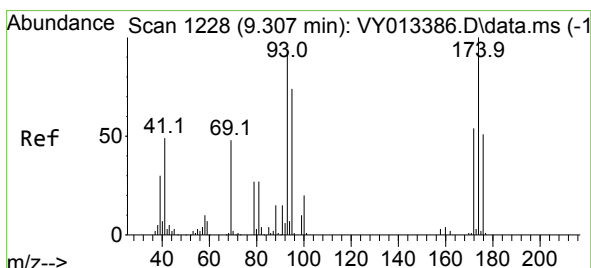
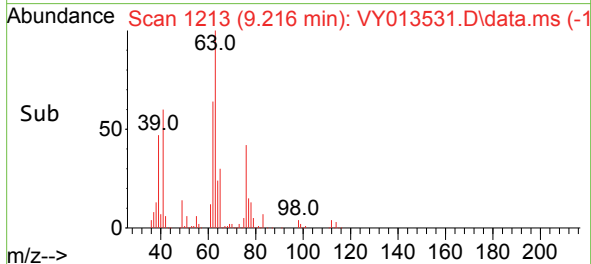
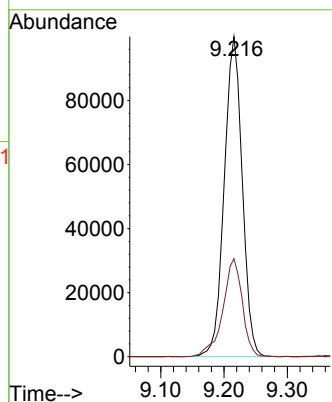
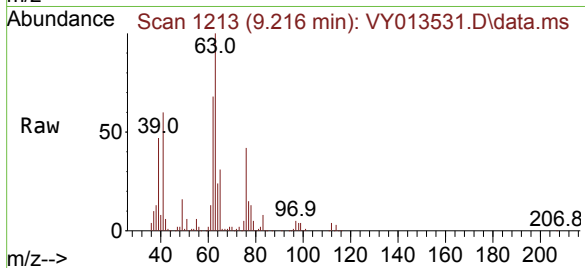
VSTDCCC050

Tgt Ion: 63 Resp: 197057

Ion Ratio Lower Upper

63 100

65 30.6 24.6 37.0



#46

Dibromomethane

Concen: 53.449 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

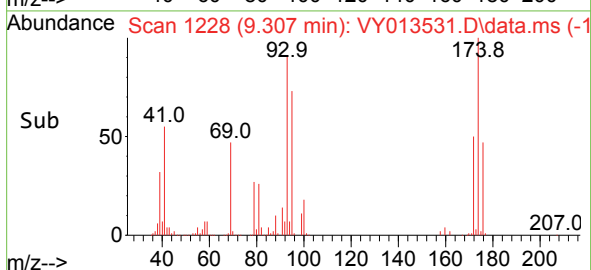
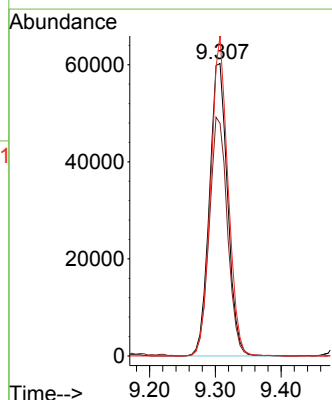
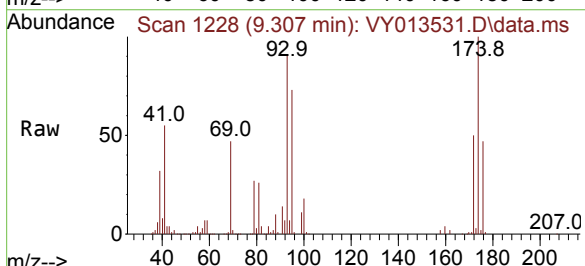
Tgt Ion: 93 Resp: 115893

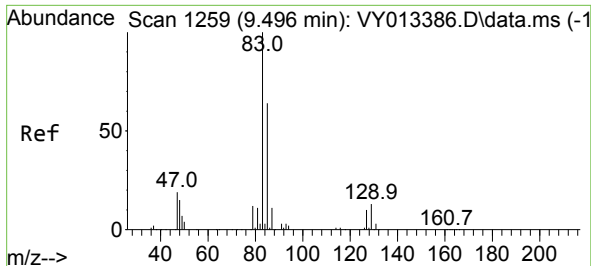
Ion Ratio Lower Upper

93 100

95 81.7 67.1 100.7

174 104.1 87.0 130.4





#47

Bromodichloromethane

Concen: 55.540 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

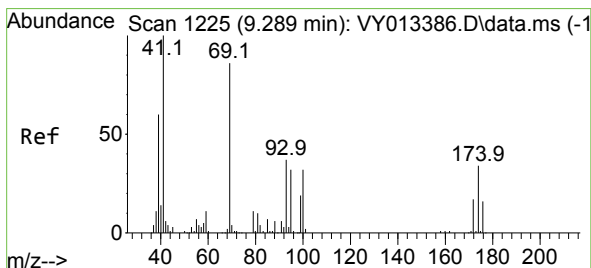
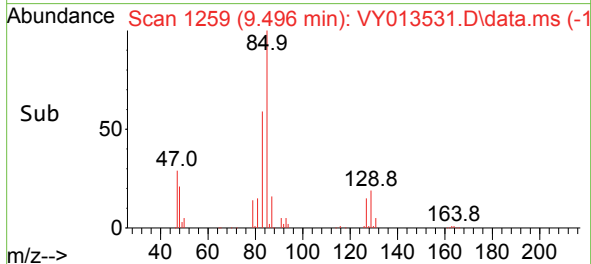
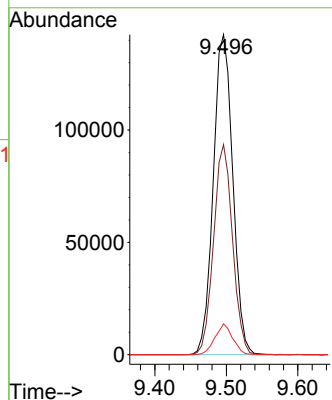
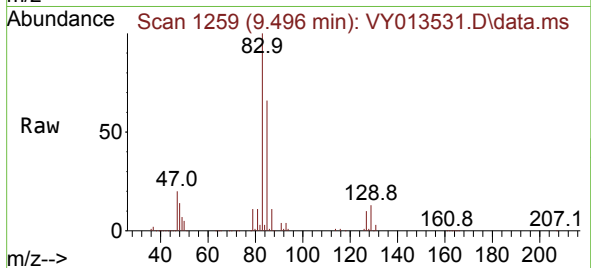
Tgt Ion: 83 Resp: 269474

Ion Ratio Lower Upper

83 100

85 65.7 51.4 77.2

127 9.6 8.1 12.1



#48

Methyl methacrylate

Concen: 51.415 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

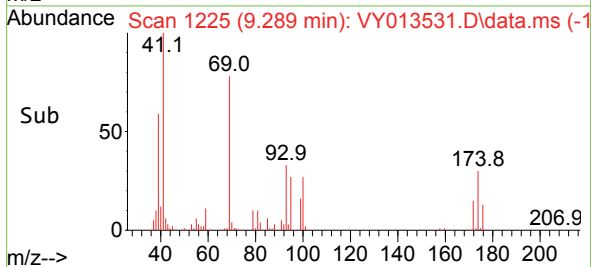
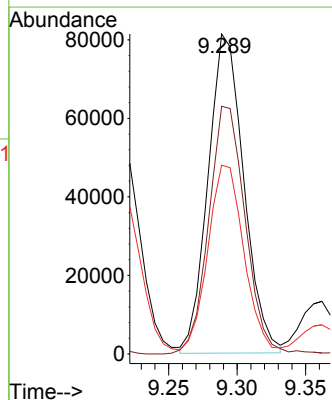
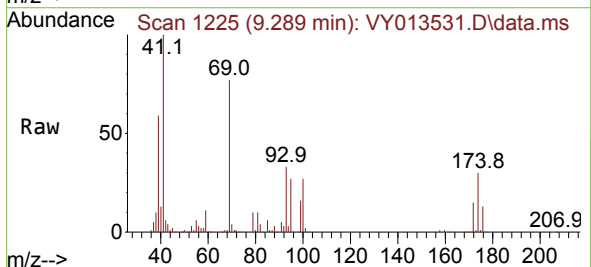
Tgt Ion: 41 Resp: 147576

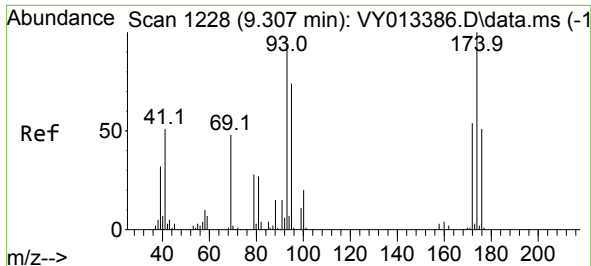
Ion Ratio Lower Upper

41 100

69 79.5 70.2 105.4

39 57.6 47.9 71.9





#49

1,4-Dioxane

Concen: 1008.787 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

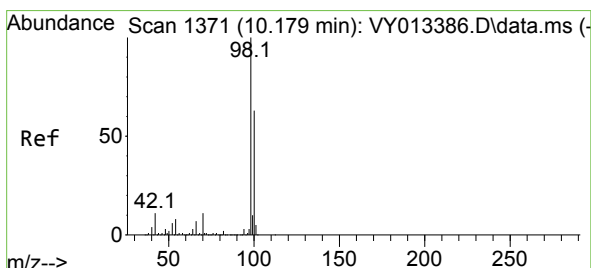
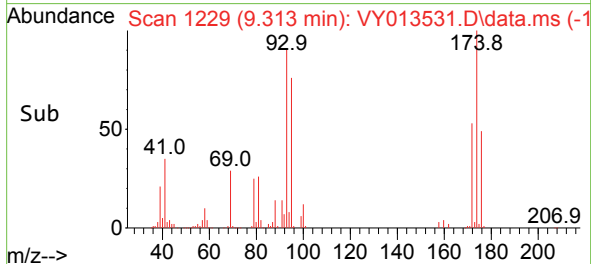
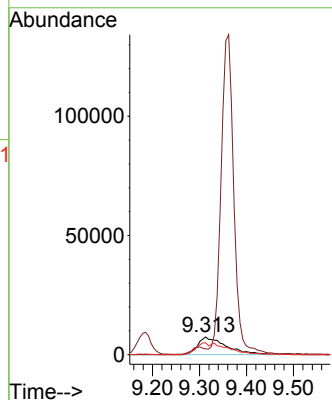
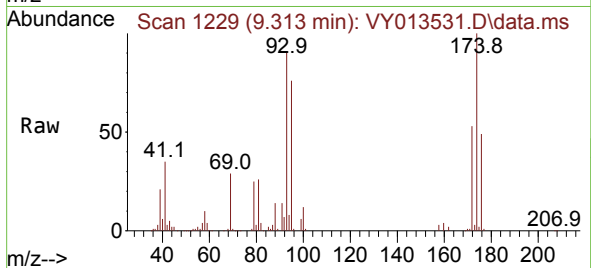
Tgt Ion: 88 Resp: 31240

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 29.4 54.3 81.5#



#50

Toluene-d8

Concen: 49.352 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013531.D

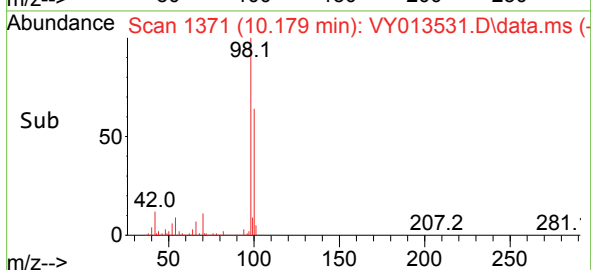
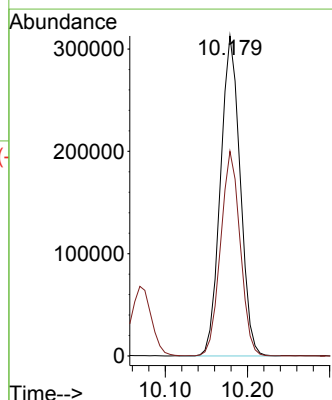
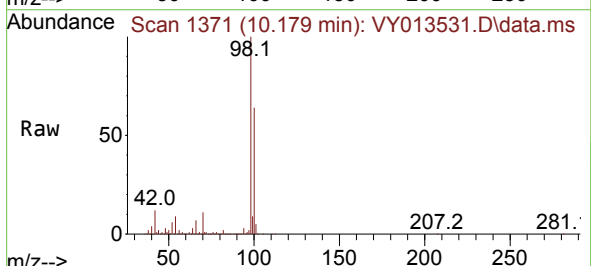
Acq: 01 May 2023 11:15

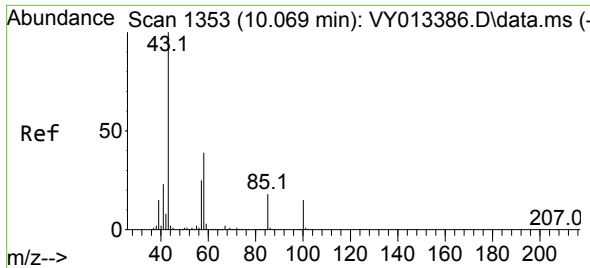
Tgt Ion: 98 Resp: 520499

Ion Ratio Lower Upper

98 100

100 63.5 50.5 75.7

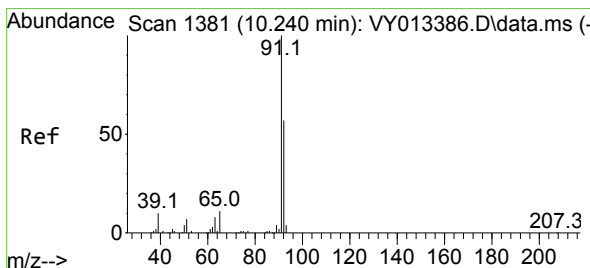
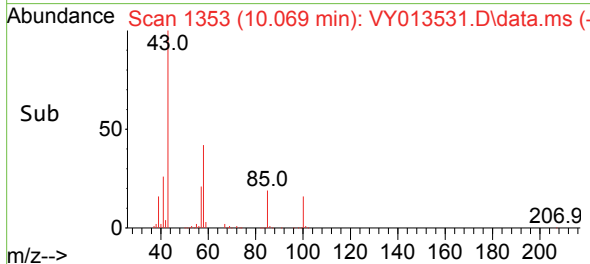
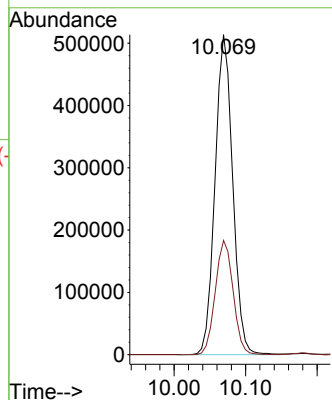
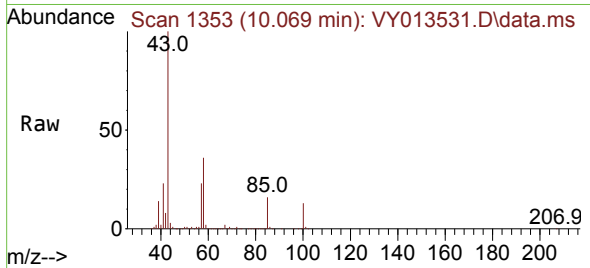




#51
4-Methyl-2-Pentanone
Concen: 252.672 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

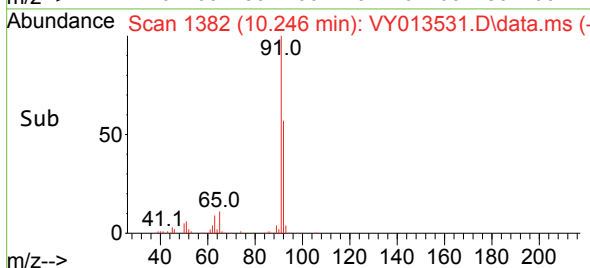
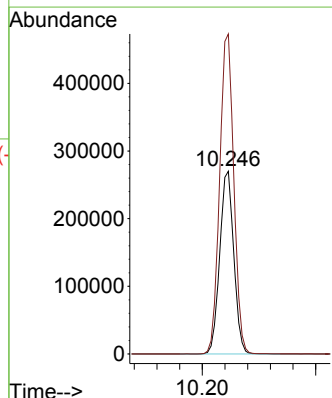
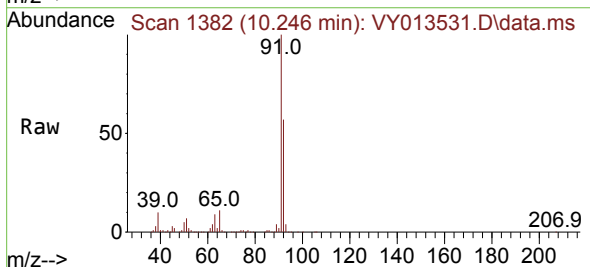
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

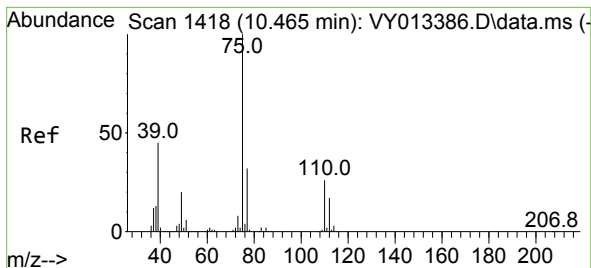
Tgt Ion: 43 Resp: 879968
Ion Ratio Lower Upper
43 100
58 36.1 30.6 46.0



#52
Toluene
Concen: 55.454 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 92 Resp: 462516
Ion Ratio Lower Upper
92 100
91 176.8 140.2 210.4

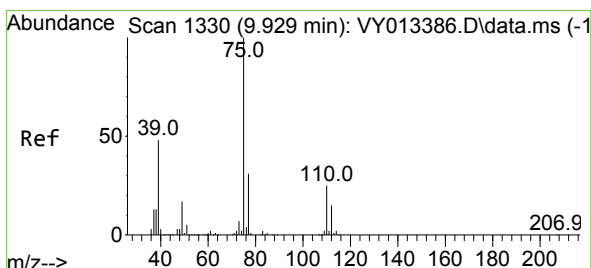
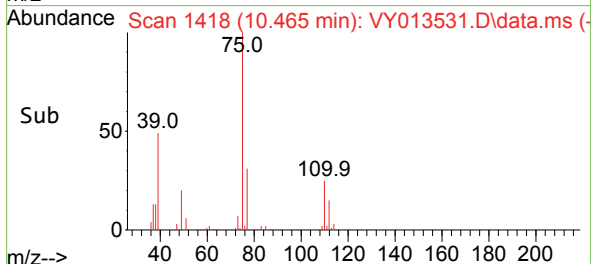
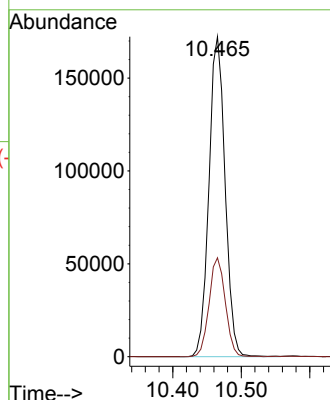
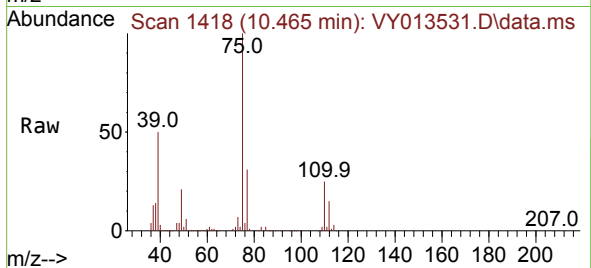




#53
 t-1,3-Dichloropropene
 Concen: 54.878 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013531.D
 Acq: 01 May 2023 11:15

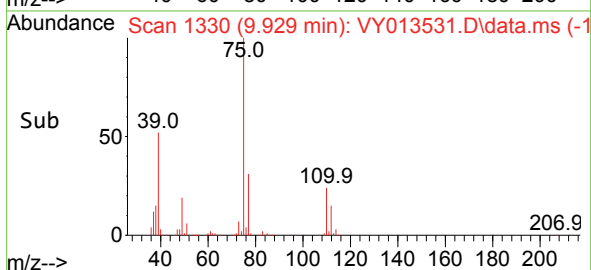
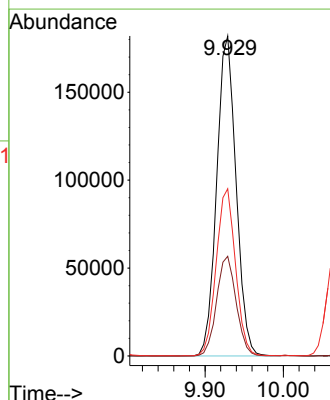
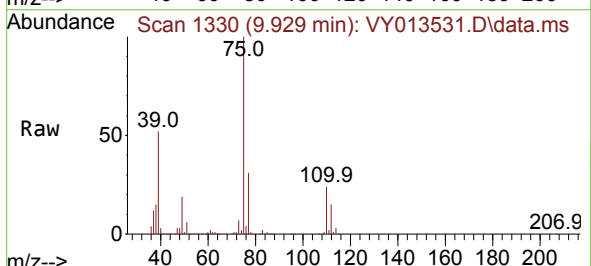
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

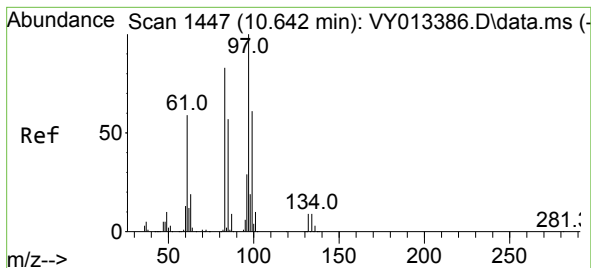
Tgt Ion: 75 Resp: 281794
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.100 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013531.D
 Acq: 01 May 2023 11:15

Tgt Ion: 75 Resp: 312586
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2
 39 52.3 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 53.583 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 153861

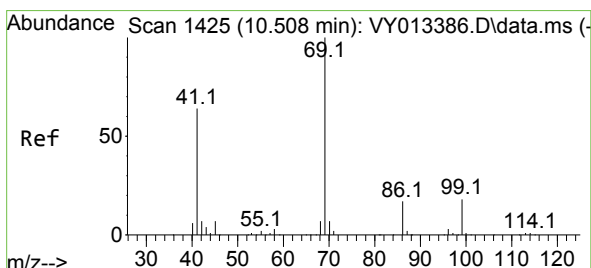
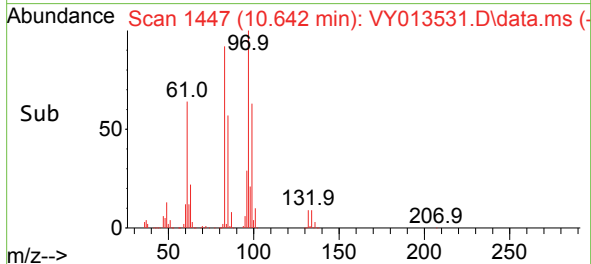
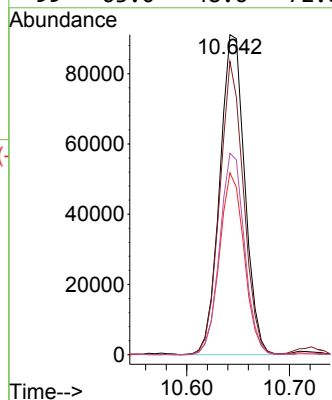
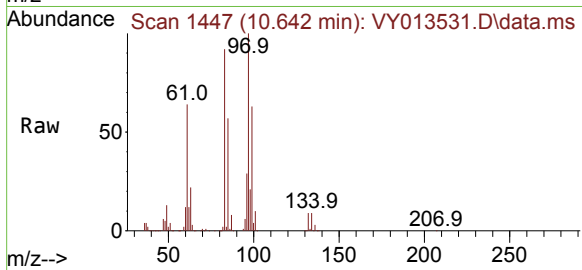
Ion Ratio Lower Upper

97 100

83 91.7 66.4 99.6

85 56.9 45.6 68.4

99 63.0 48.6 72.8



#56

Ethyl methacrylate

Concen: 54.763 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

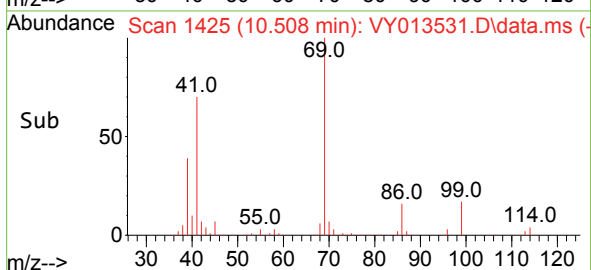
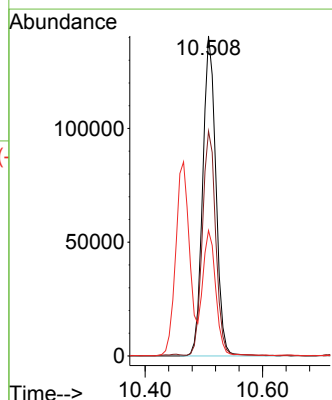
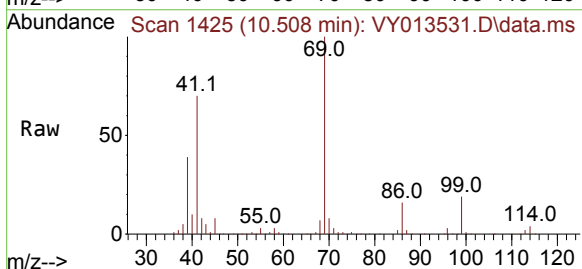
Tgt Ion: 69 Resp: 218159

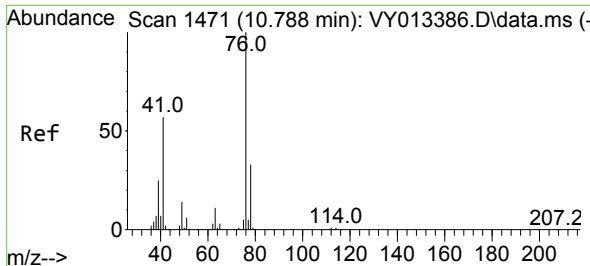
Ion Ratio Lower Upper

69 100

41 71.5 51.4 77.0

39 38.1 29.0 43.6

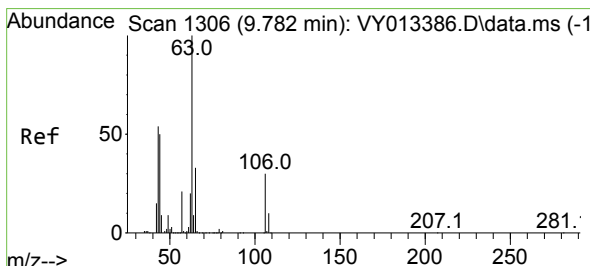
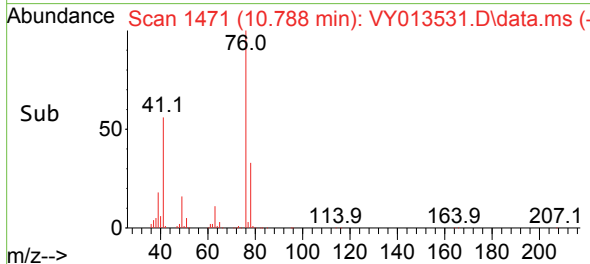
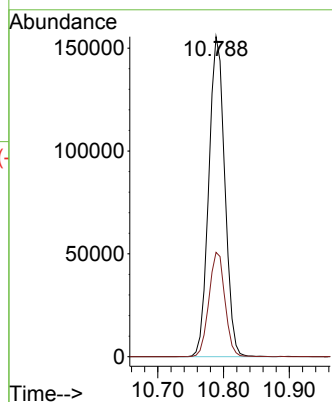
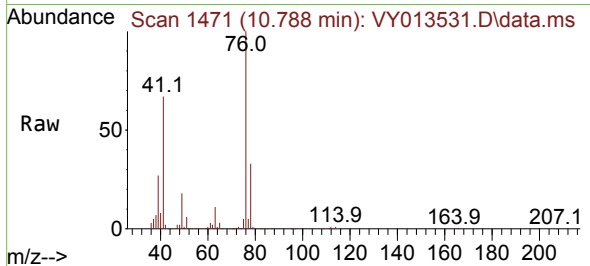




#57
1,3-Dichloropropane
Concen: 54.143 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

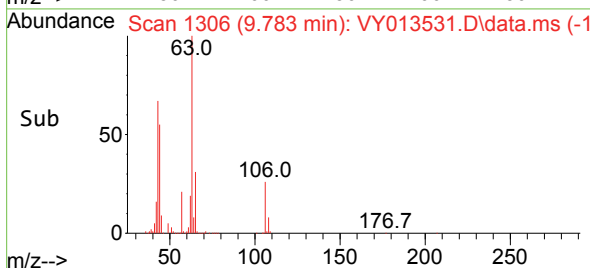
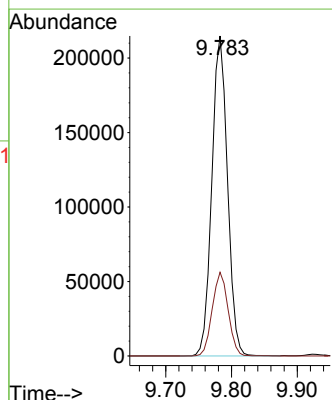
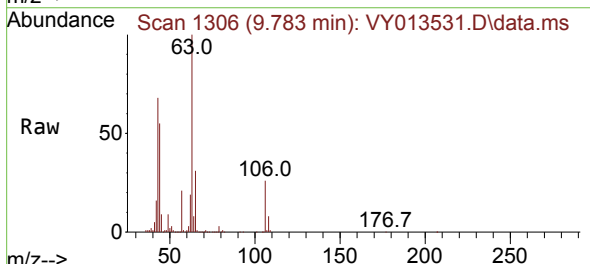
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

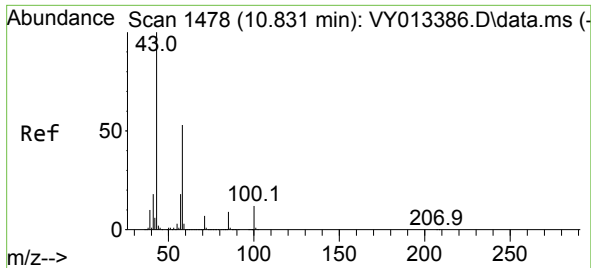
Tgt Ion: 76 Resp: 263304
Ion Ratio Lower Upper
76 100
78 32.7 26.5 39.7



#58
2-Chloroethyl Vinyl ether
Concen: 238.302 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.001 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 63 Resp: 355984
Ion Ratio Lower Upper
63 100
106 26.5 23.5 35.3

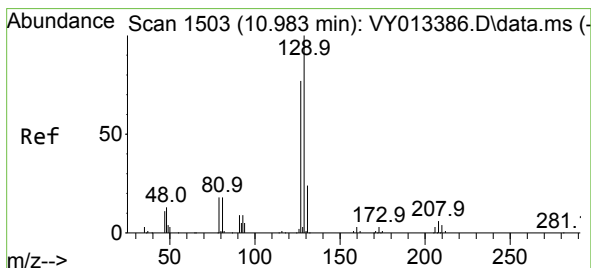
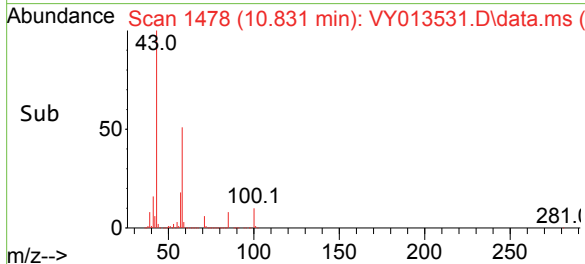
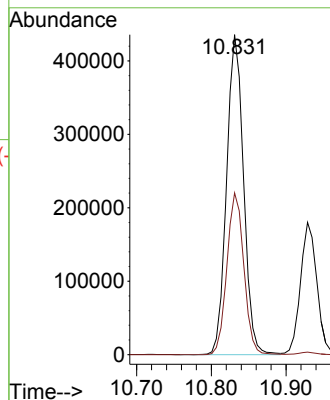
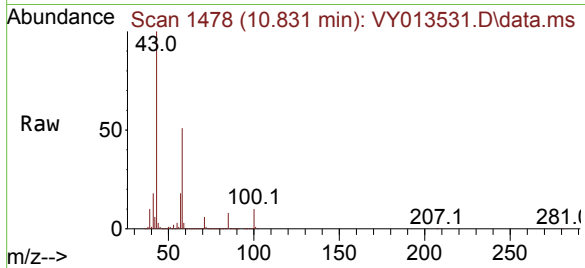




#59
2-Hexanone
Concen: 271.800 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

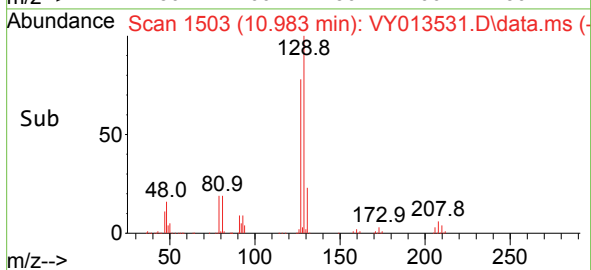
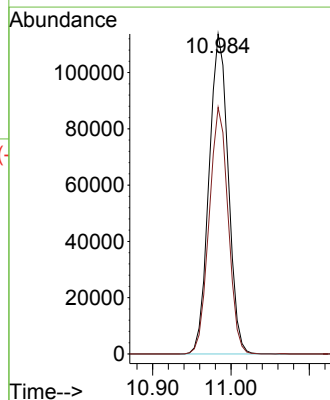
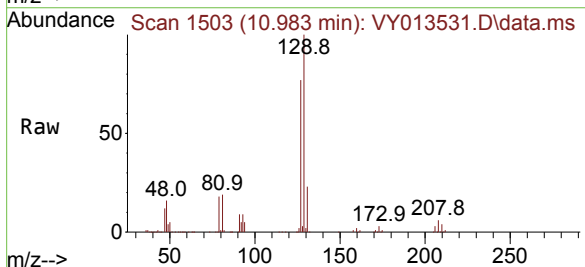
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

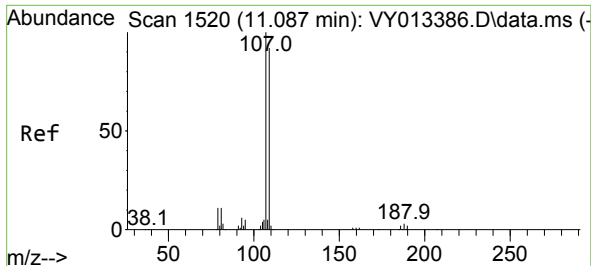
Tgt Ion: 43 Resp: 688091
Ion Ratio Lower Upper
43 100
58 50.5 26.3 78.8



#60
Dibromochloromethane
Concen: 55.460 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 129 Resp: 193368
Ion Ratio Lower Upper
129 100
127 76.1 38.7 116.1

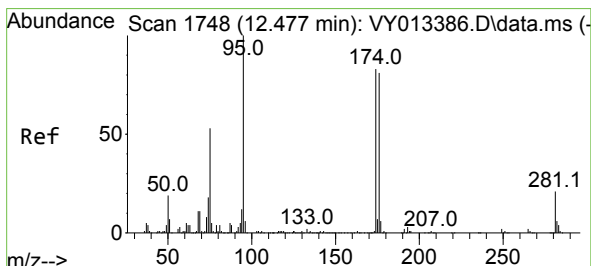
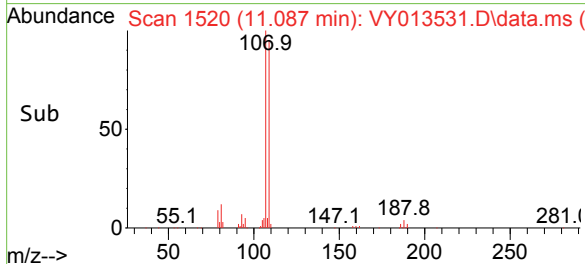
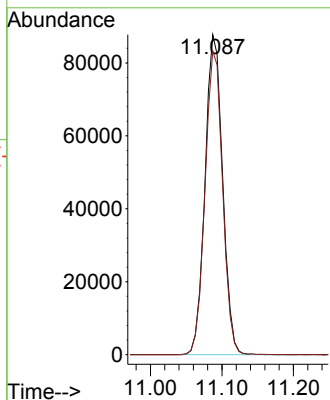
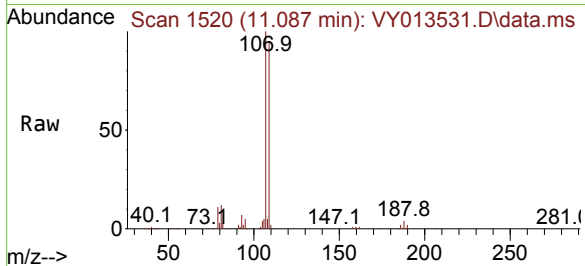




#61
1,2-Dibromoethane
Concen: 52.974 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

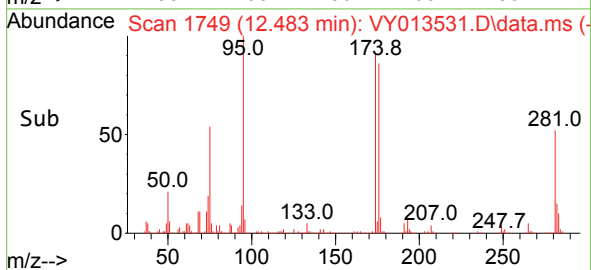
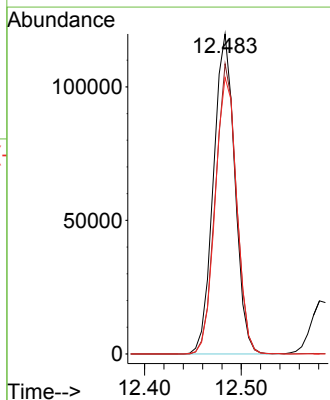
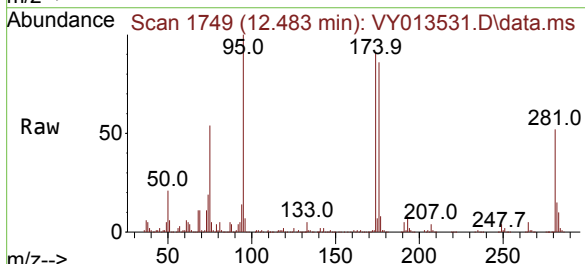
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

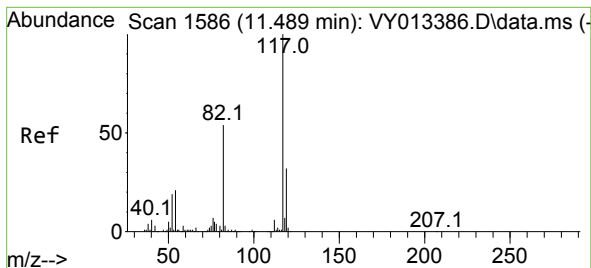
Tgt Ion:107 Resp: 149552
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.747 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 95 Resp: 183987
Ion Ratio Lower Upper
95 100
174 89.0 0.0 182.0
176 87.4 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

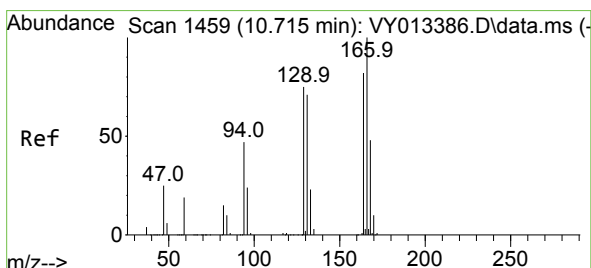
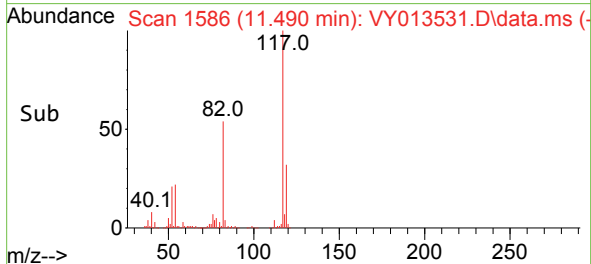
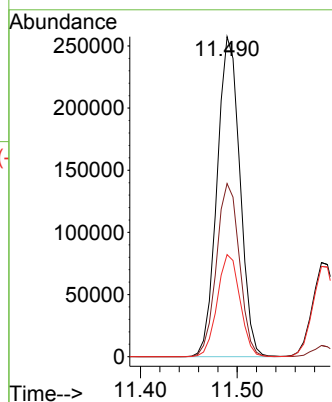
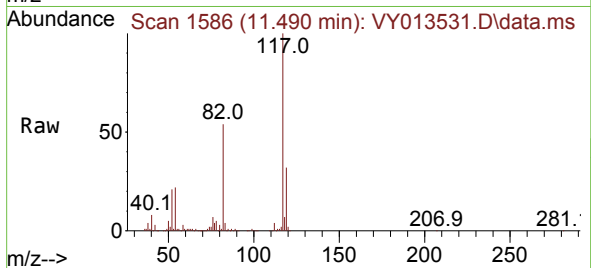
Tgt Ion:117 Resp: 421342

Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.6

119 31.9 25.5 38.3



#64

Tetrachloroethene

Concen: 53.529 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Tgt Ion:164 Resp: 171503

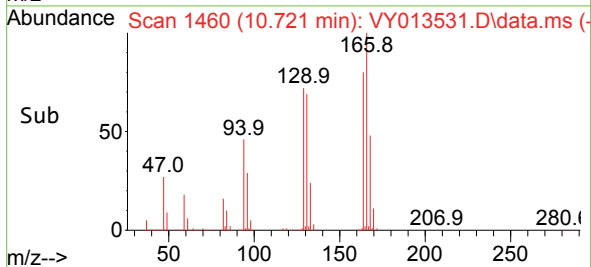
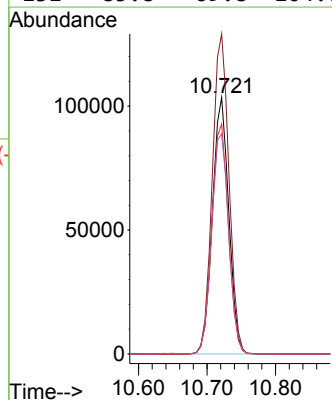
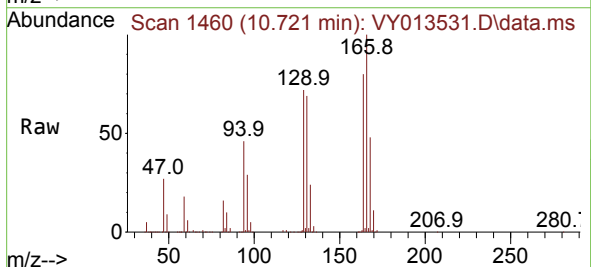
Ion Ratio Lower Upper

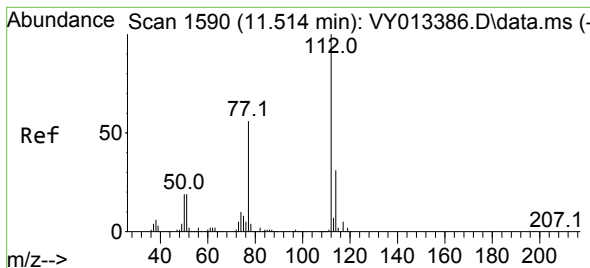
164 100

166 124.7 97.5 146.3

129 89.6 72.6 109.0

131 85.8 69.8 104.6

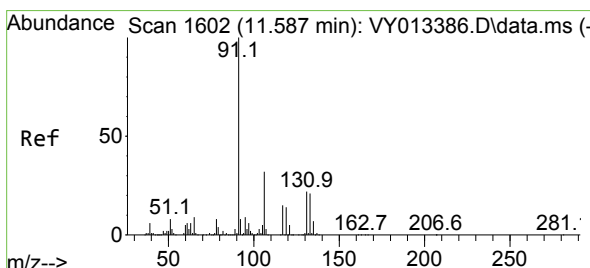
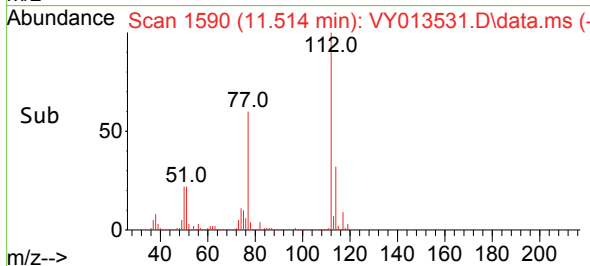
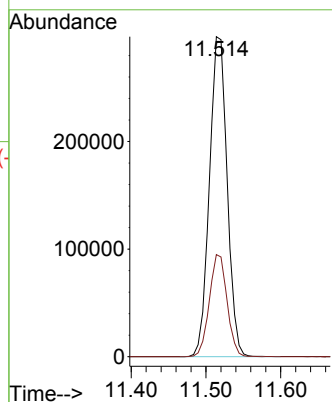
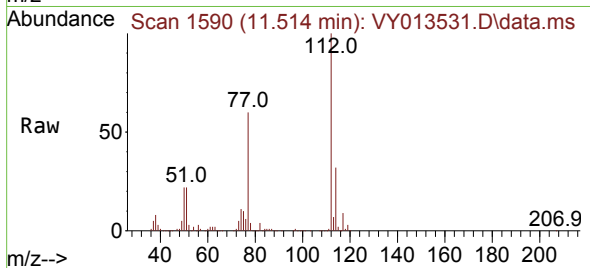




#65
Chlorobenzene
Concen: 53.486 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

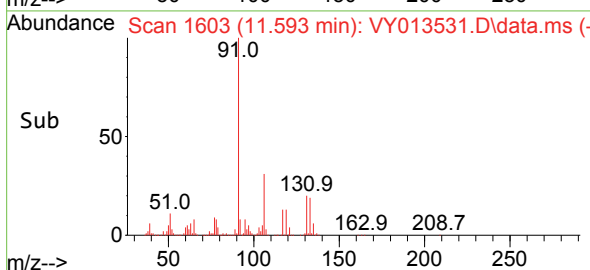
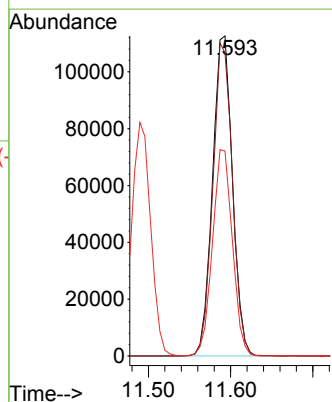
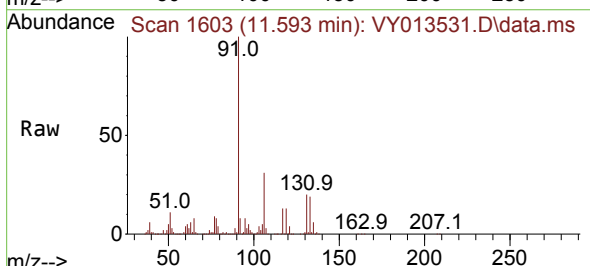
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

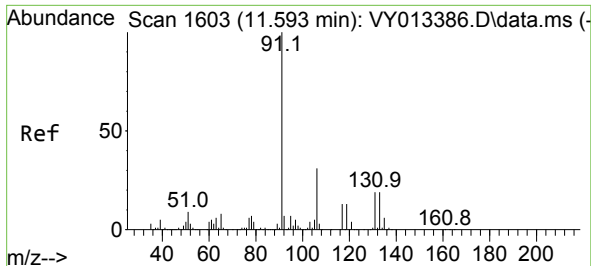
Tgt Ion:112 Resp: 490917
Ion Ratio Lower Upper
112 100
114 31.9 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 55.142 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion:131 Resp: 189287
Ion Ratio Lower Upper
131 100
133 96.4 47.7 143.1
119 64.6 32.6 98.0





#67

Ethyl Benzene

Concen: 55.073 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

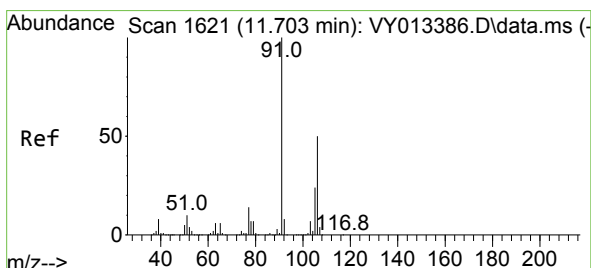
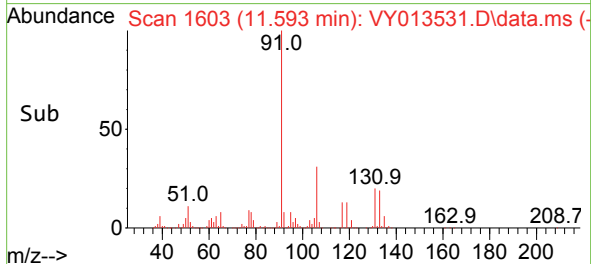
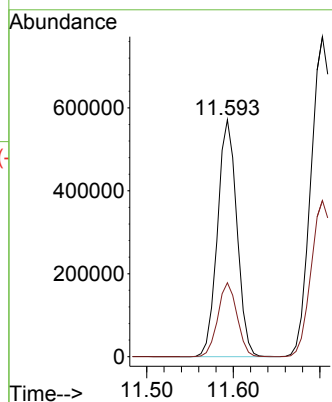
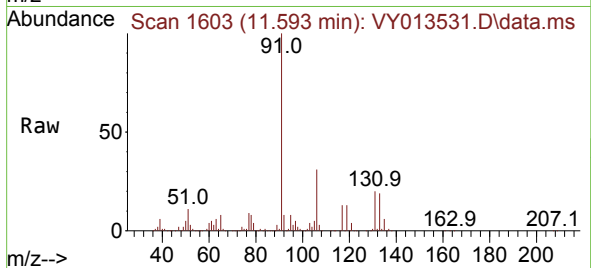
VSTDCCC050

Tgt Ion: 91 Resp: 887631

Ion Ratio Lower Upper

91 100

106 31.2 25.1 37.7



#68

m/p-Xylenes

Concen: 110.701 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013531.D

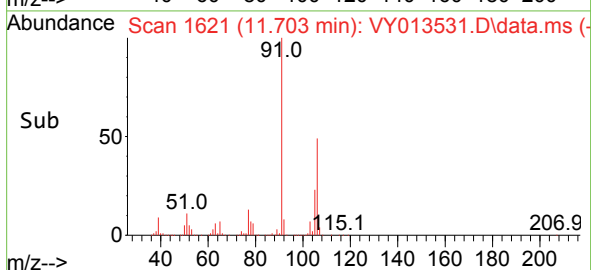
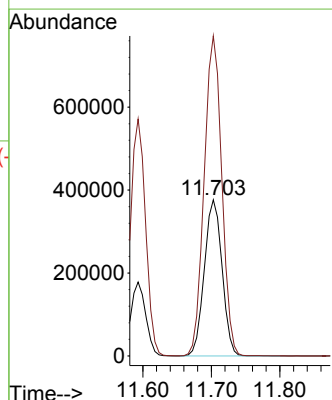
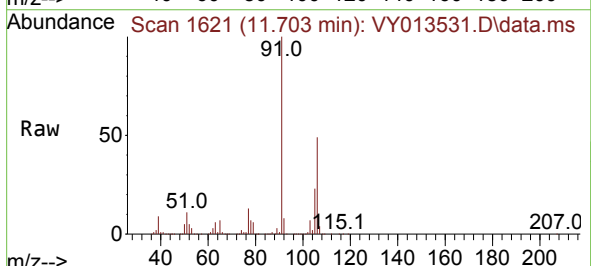
Acq: 01 May 2023 11:15

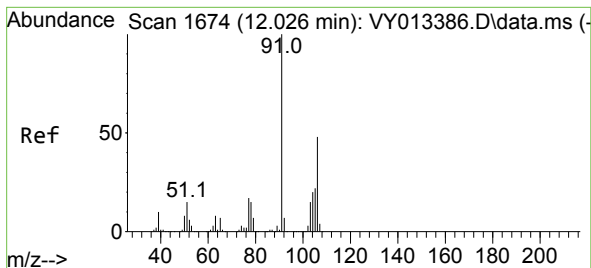
Tgt Ion: 106 Resp: 678272

Ion Ratio Lower Upper

106 100

91 204.1 160.9 241.3





#69

o-Xylene

Concen: 55.019 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

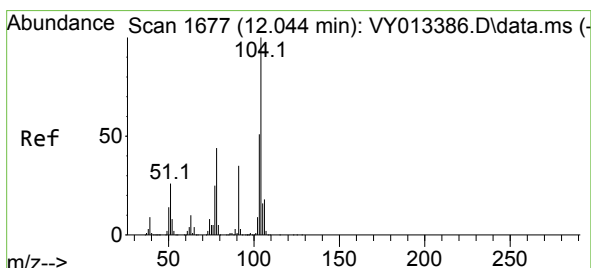
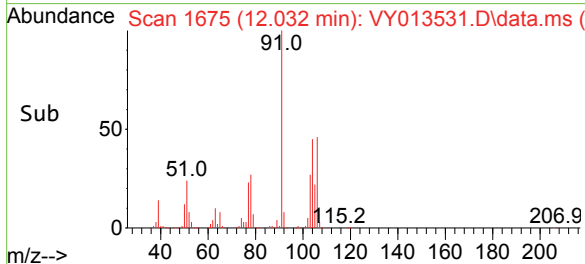
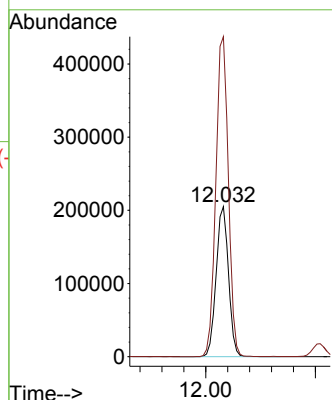
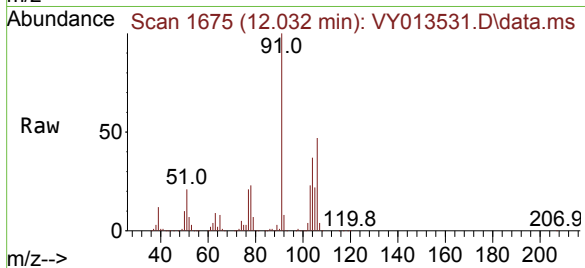
VSTDCCC050

Tgt Ion:106 Resp: 318814

Ion Ratio Lower Upper

106 100

91 216.3 105.5 316.4



#70

Styrene

Concen: 56.355 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

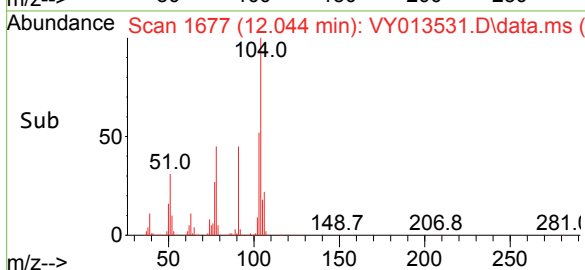
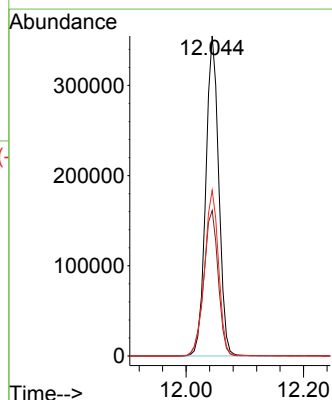
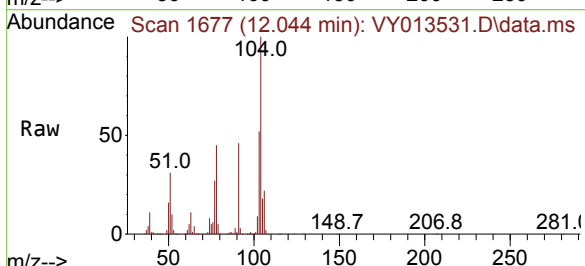
Tgt Ion:104 Resp: 546017

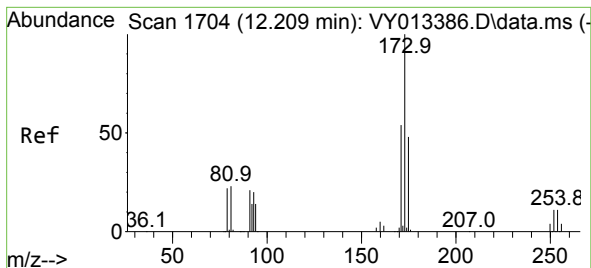
Ion Ratio Lower Upper

104 100

78 50.5 40.3 60.5

103 56.0 45.0 67.4





#71

Bromoform

Concen: 54.343 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

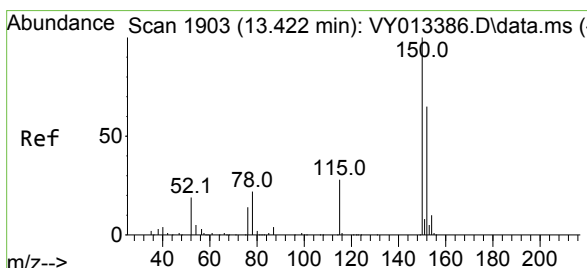
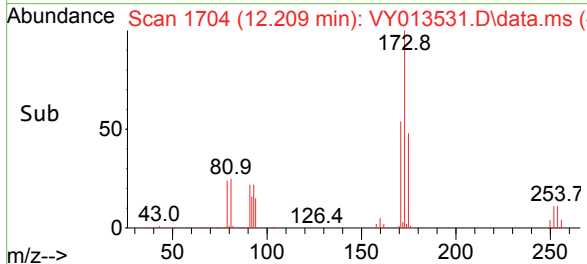
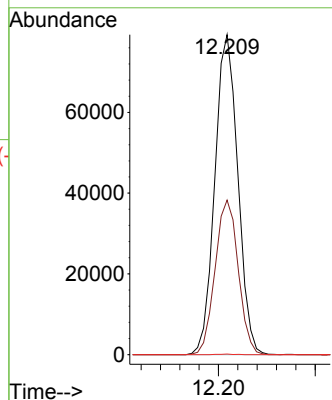
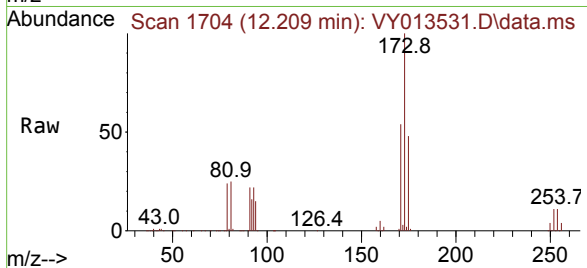
Tgt Ion:173 Resp: 130665

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

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: VY013531.D

Acq: 01 May 2023 11:15

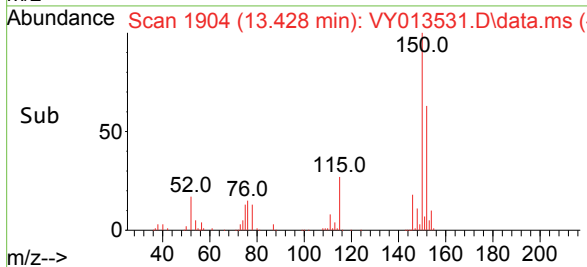
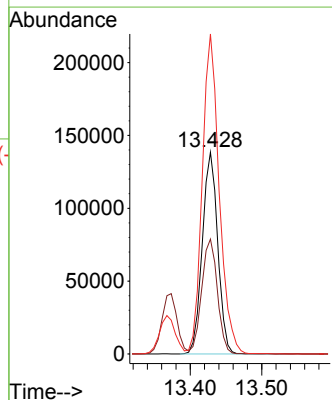
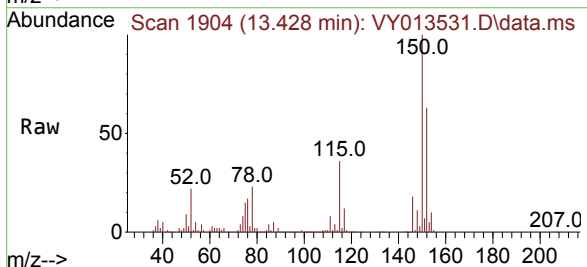
Tgt Ion:152 Resp: 207462

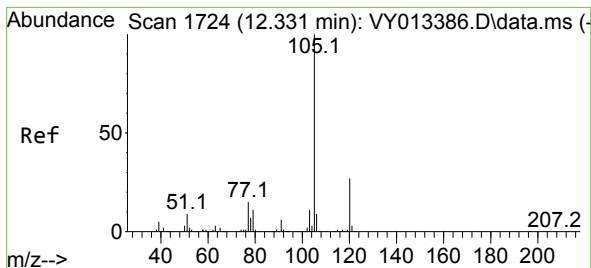
Ion Ratio Lower Upper

152 100

115 57.5 28.1 84.2

150 174.4 0.0 352.0





#73

Isopropylbenzene

Concen: 53.748 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

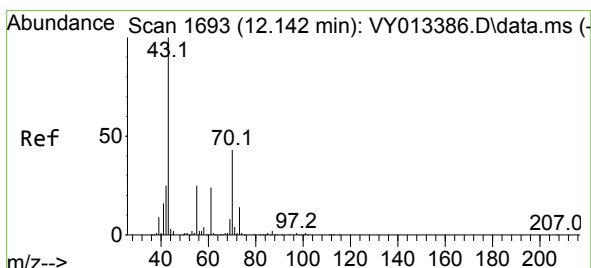
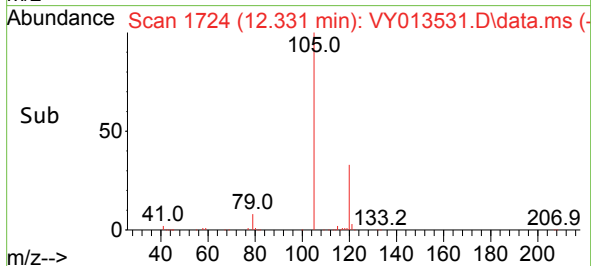
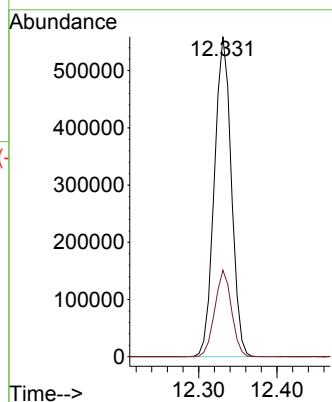
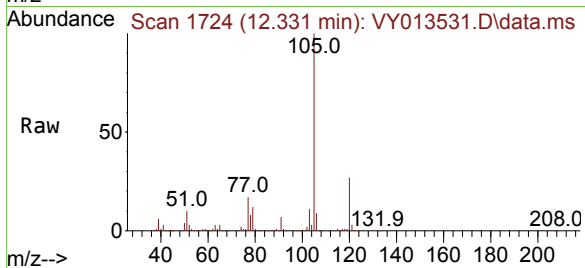
VSTDCCC050

Tgt Ion:105 Resp: 843399

Ion Ratio Lower Upper

105 100

120 26.6 13.7 41.0



#74

N-ethyl acetate

Concen: 50.345 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Tgt Ion: 43 Resp: 281126

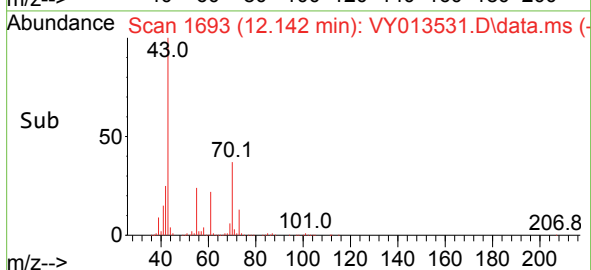
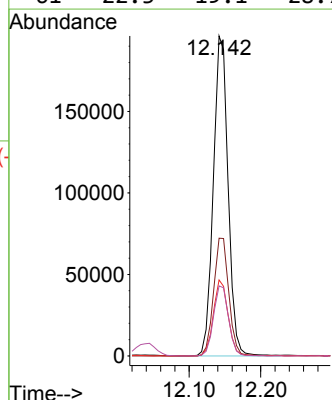
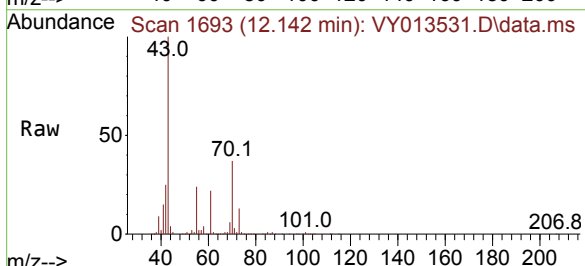
Ion Ratio Lower Upper

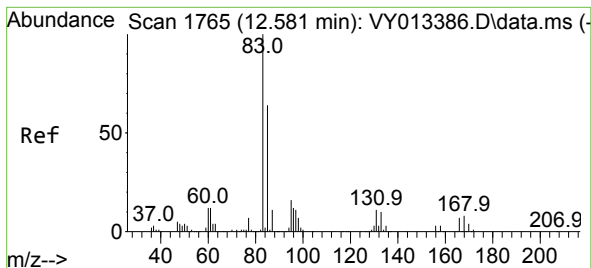
43 100

70 38.0 33.0 49.4

55 23.8 19.8 29.6

61 22.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 49.400 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

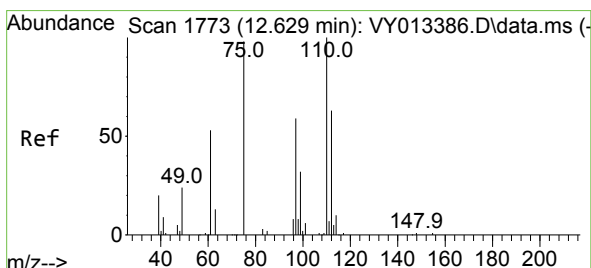
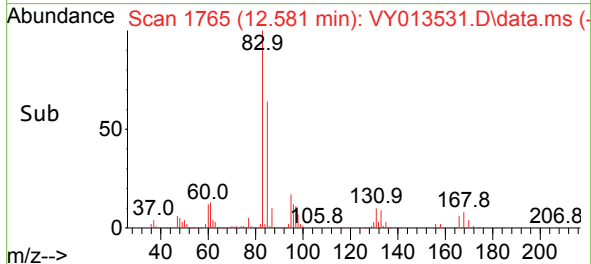
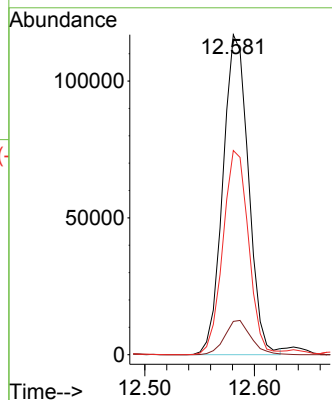
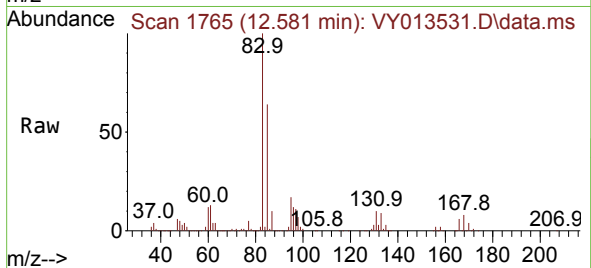
Tgt Ion: 83 Resp: 189474

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.0

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.027 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY013531.D

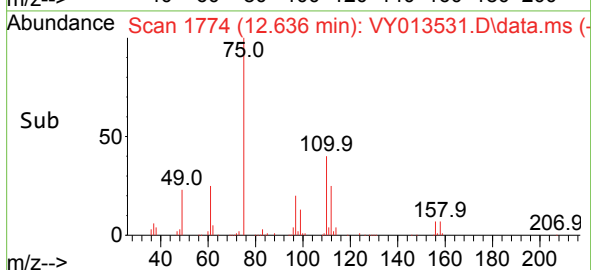
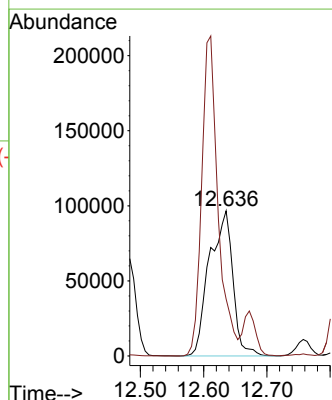
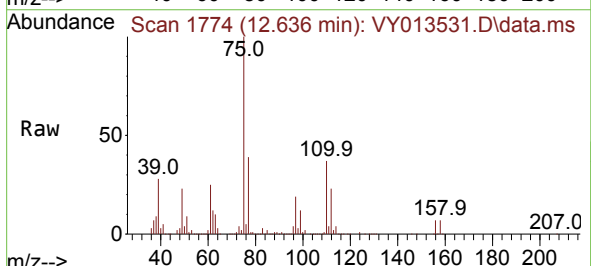
Acq: 01 May 2023 11:15

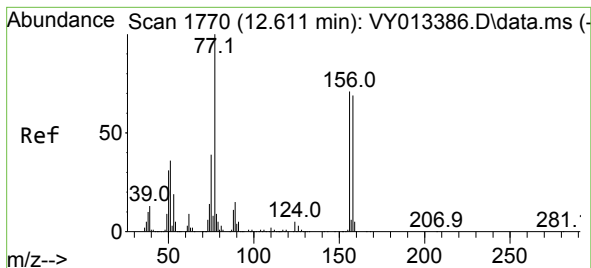
Tgt Ion: 75 Resp: 249086

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.968 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

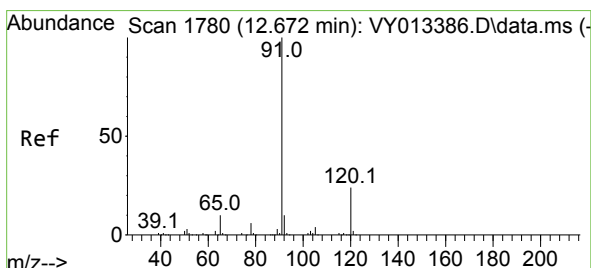
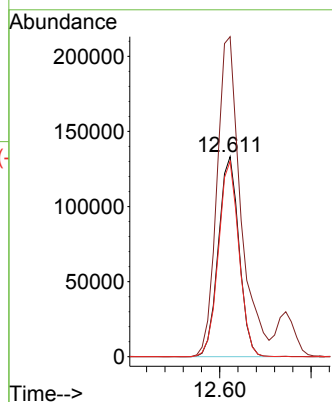
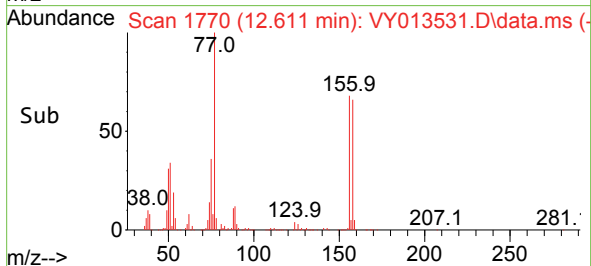
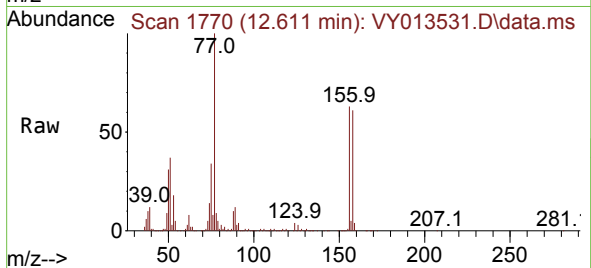
Tgt Ion:156 Resp: 208998

Ion Ratio Lower Upper

156 100

77 184.1 87.6 262.9

158 97.1 48.5 145.5



#78

n-propylbenzene

Concen: 54.006 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY013531.D

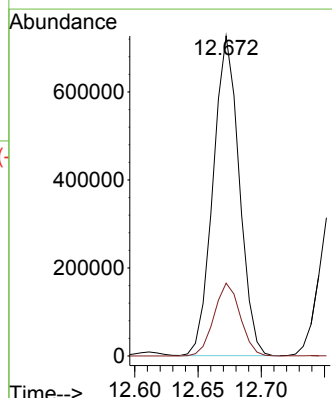
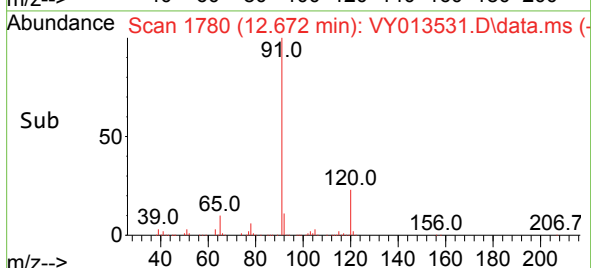
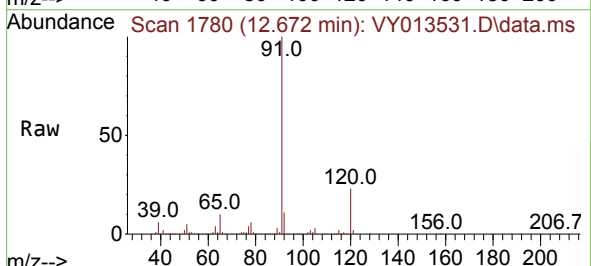
Acq: 01 May 2023 11:15

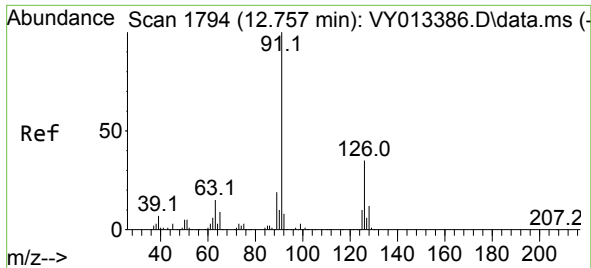
Tgt Ion: 91 Resp: 1043814

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.9

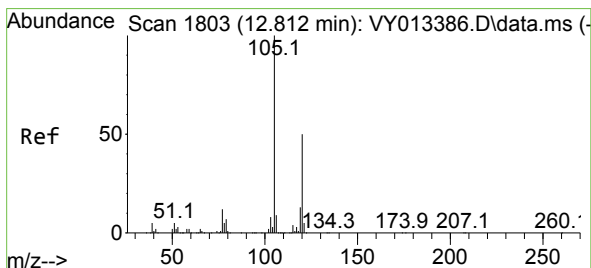
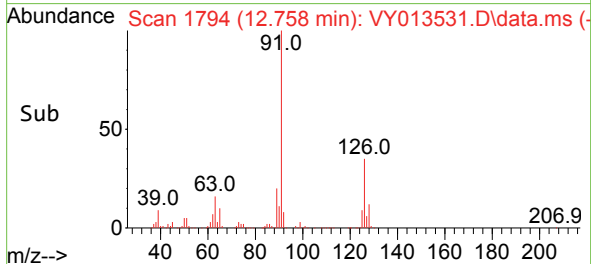
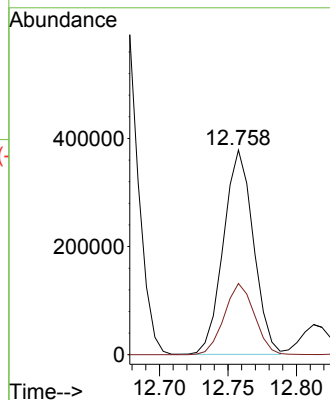
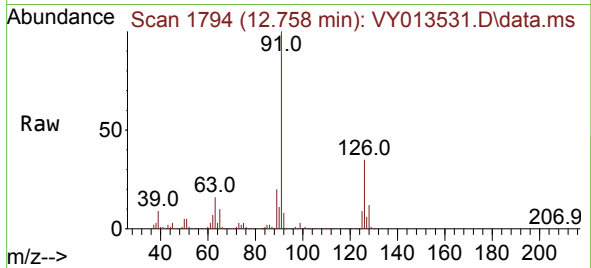




#79
2-Chlorotoluene
Concen: 53.479 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

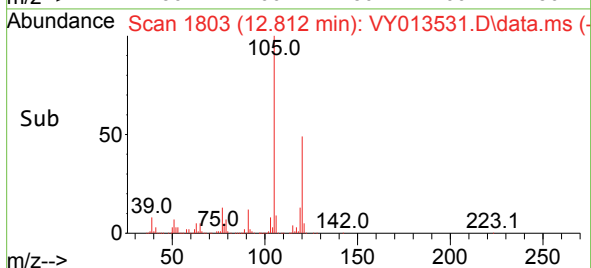
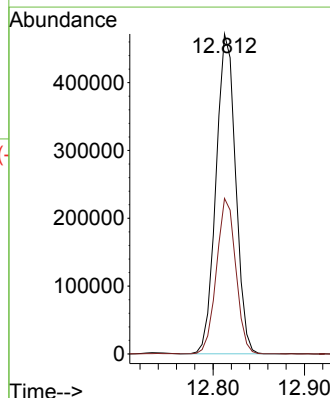
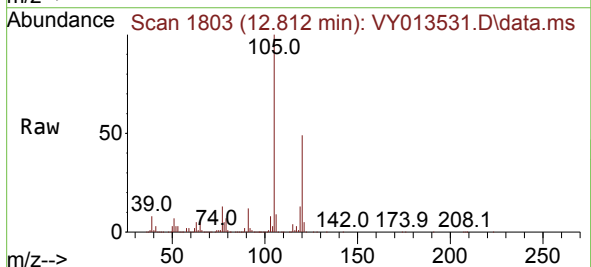
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

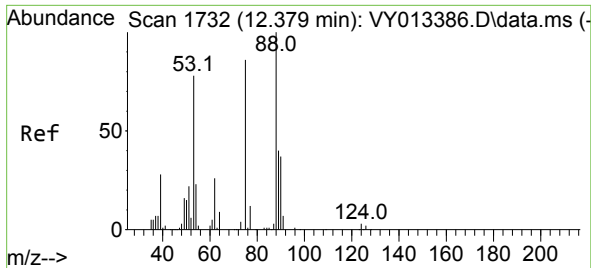
Tgt Ion: 91 Resp: 577208
Ion Ratio Lower Upper
91 100
126 35.0 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 54.779 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 105 Resp: 701587
Ion Ratio Lower Upper
105 100
120 47.9 24.7 74.1

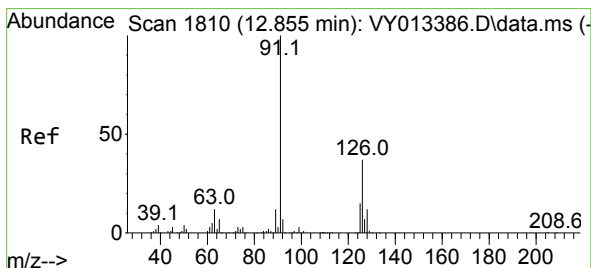
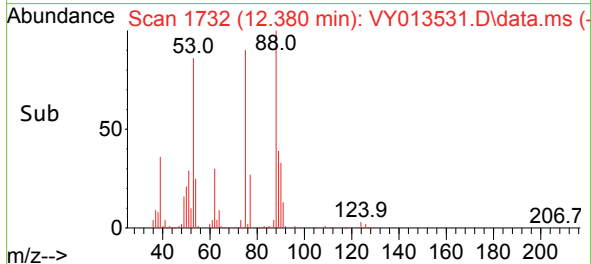
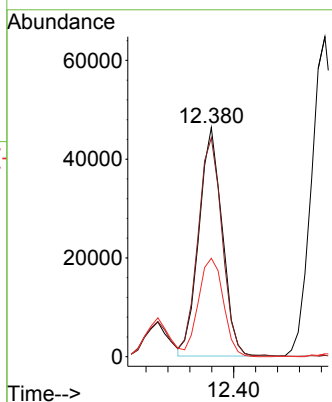
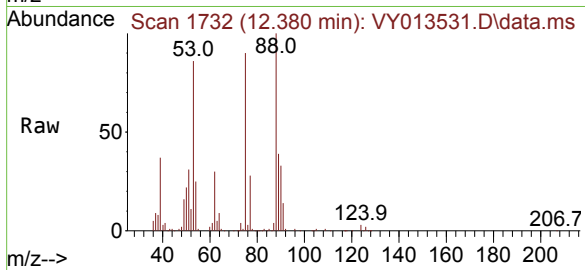




#81
trans-1,4-Dichloro-2-butene
Concen: 49.825 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

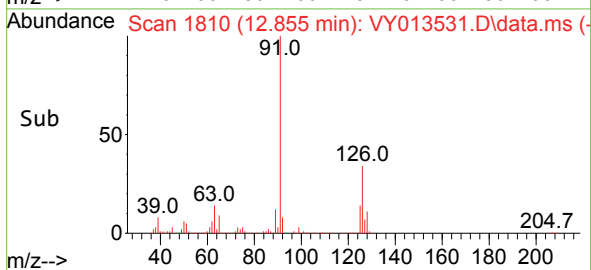
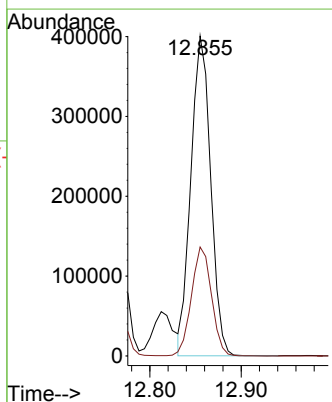
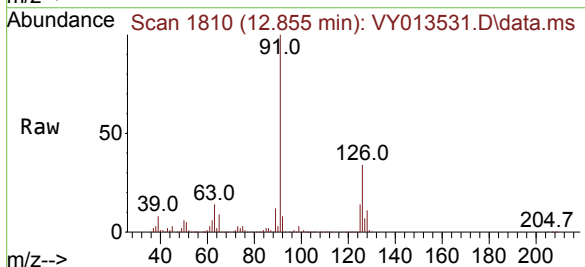
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

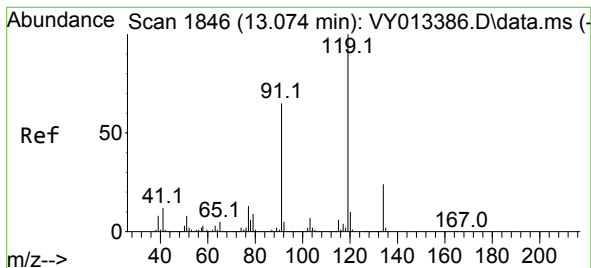
Tgt Ion: 75 Resp: 68150
Ion Ratio Lower Upper
75 100
53 99.6 73.2 109.8
89 45.7 38.0 57.0



#82
4-Chlorotoluene
Concen: 53.536 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 91 Resp: 602263
Ion Ratio Lower Upper
91 100
126 34.7 17.9 53.8





#83

tert-Butylbenzene

Concen: 53.657 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

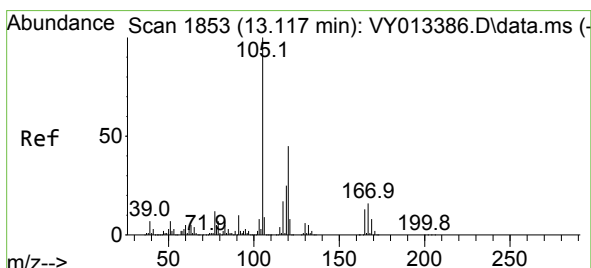
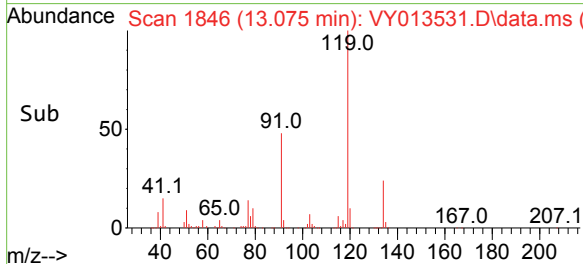
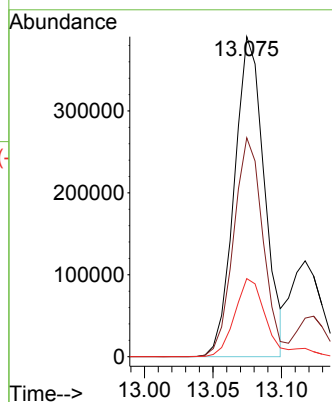
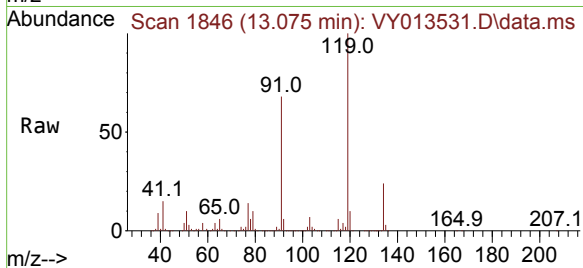
Tgt Ion:119 Resp: 595375

Ion Ratio Lower Upper

119 100

91 67.7 32.2 96.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 55.609 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY013531.D

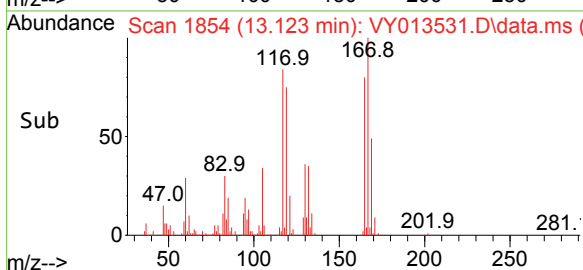
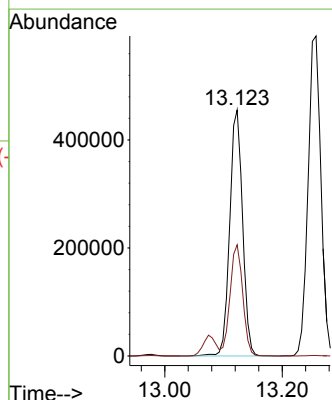
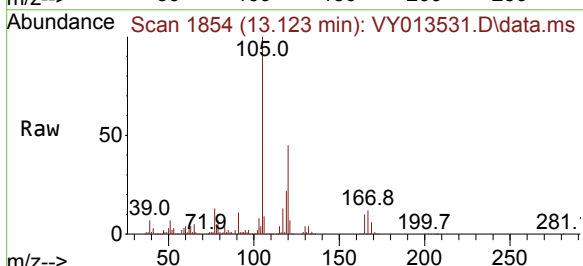
Acq: 01 May 2023 11:15

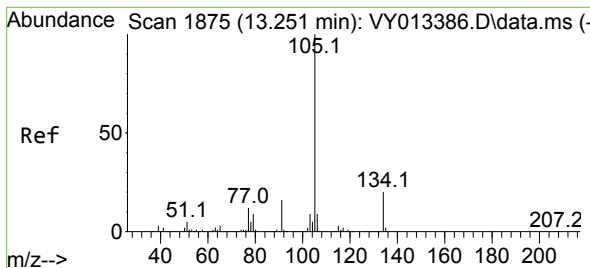
Tgt Ion:105 Resp: 692437

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.993 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

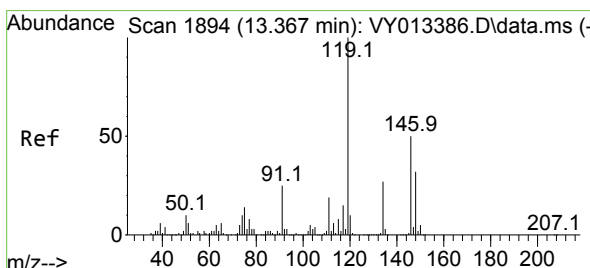
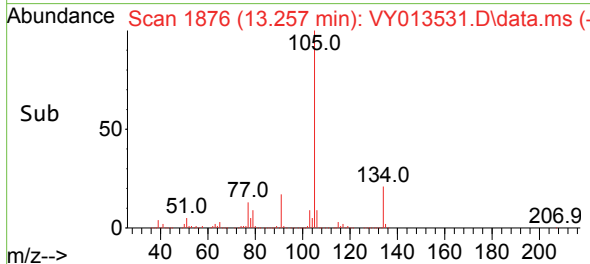
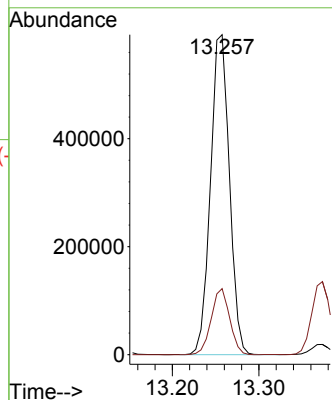
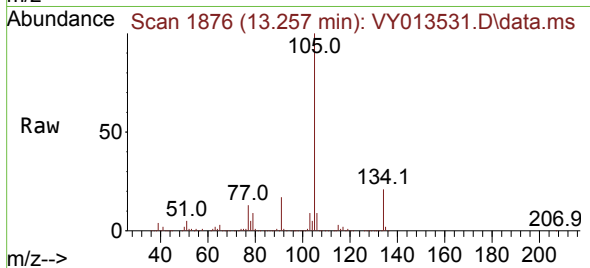
VSTDCCC050

Tgt Ion:105 Resp: 899145

Ion Ratio Lower Upper

105 100

134 20.1 10.3 30.9



#86

p-Isopropyltoluene

Concen: 55.490 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

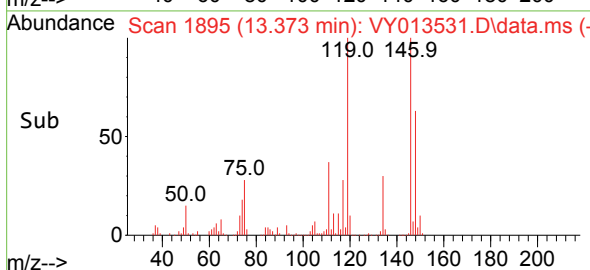
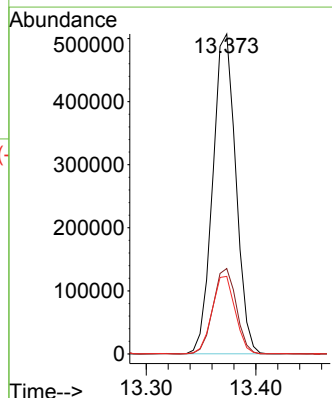
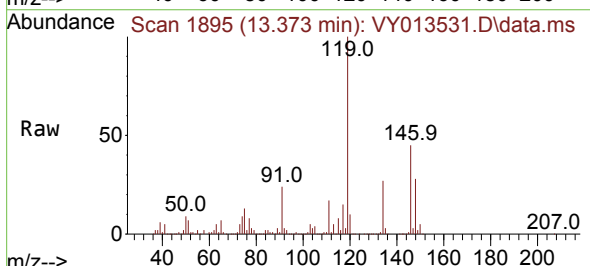
Tgt Ion:119 Resp: 743121

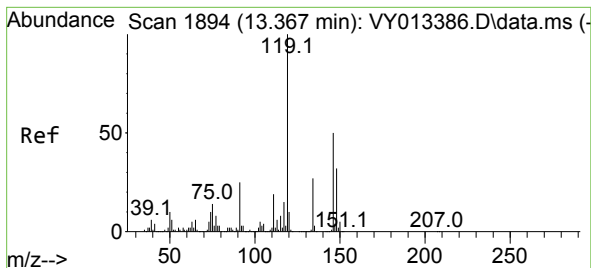
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 54.958 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

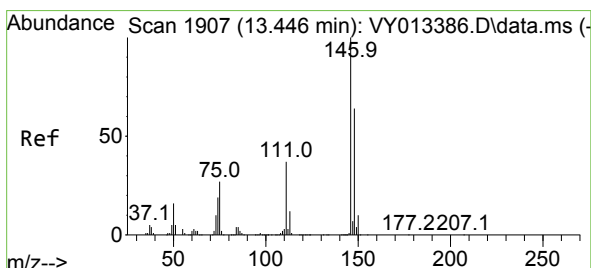
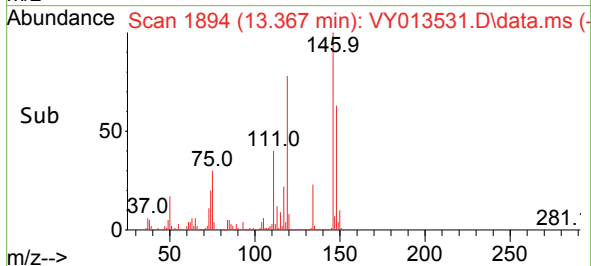
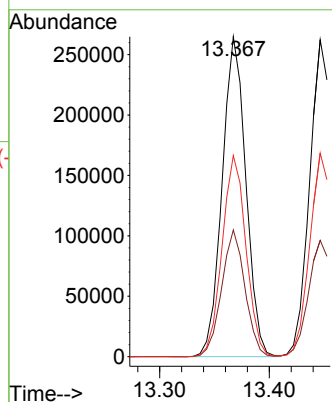
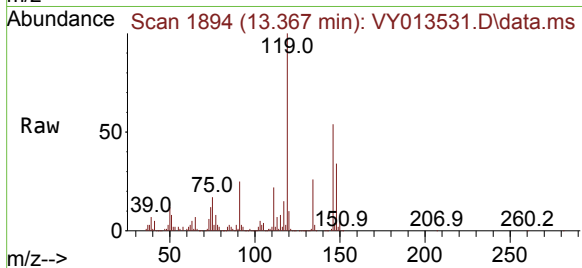
Tgt Ion:146 Resp: 398105

Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

148 63.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 54.030 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

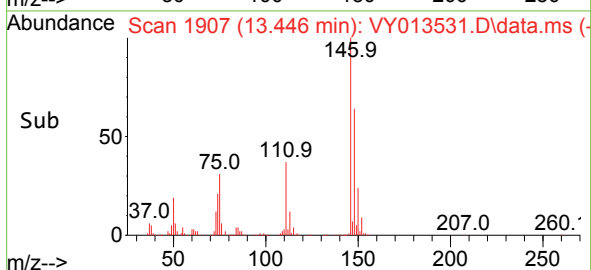
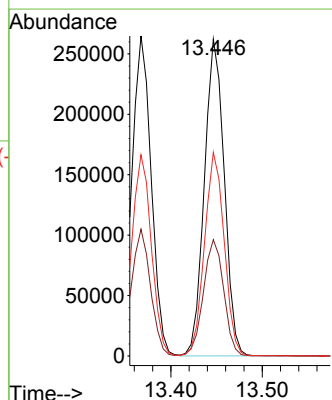
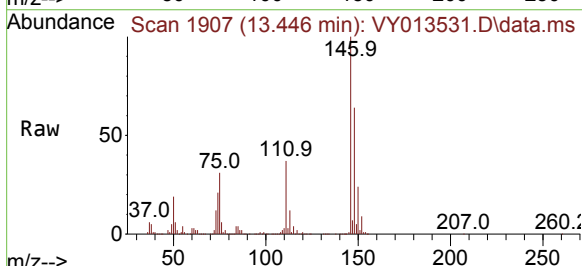
Tgt Ion:146 Resp: 395356

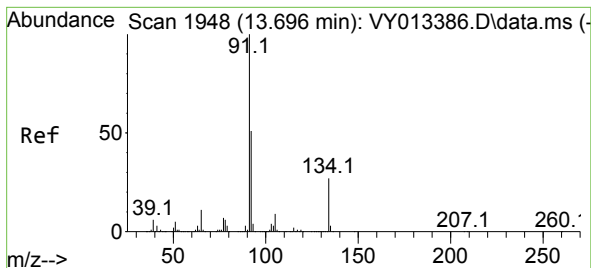
Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.5

148 63.8 31.9 95.5





#89

n-Butylbenzene

Concen: 54.756 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

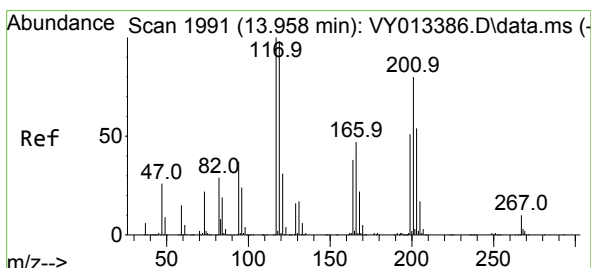
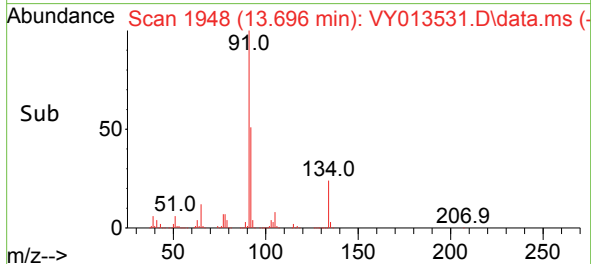
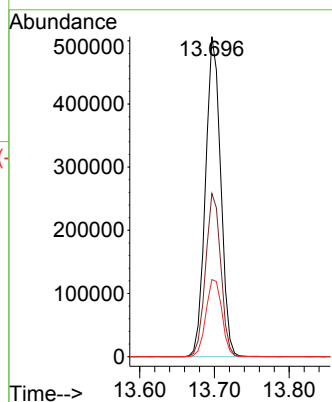
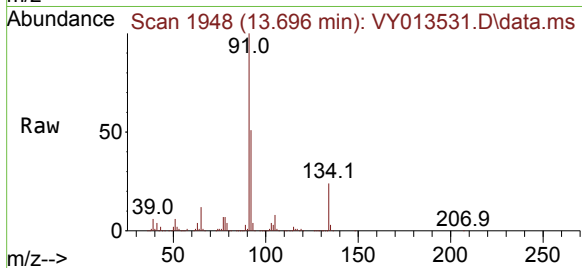
Tgt Ion: 91 Resp: 715701

Ion Ratio Lower Upper

91 100

92 51.0 25.8 77.3

134 25.4 13.5 40.4



#90

Hexachloroethane

Concen: 53.194 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.007 min

Lab File: VY013531.D

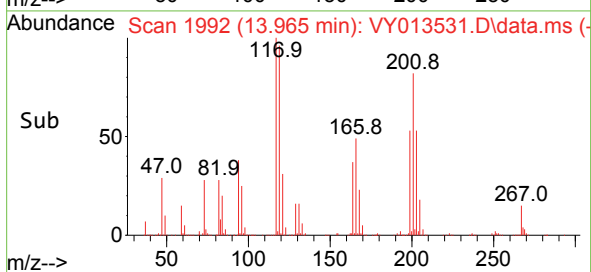
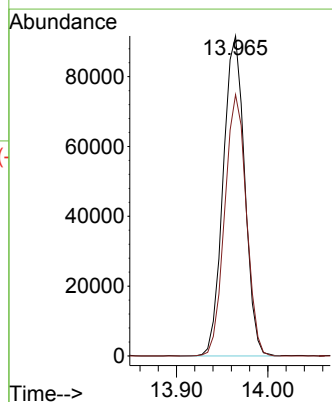
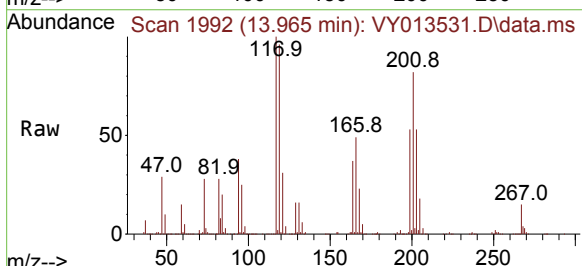
Acq: 01 May 2023 11:15

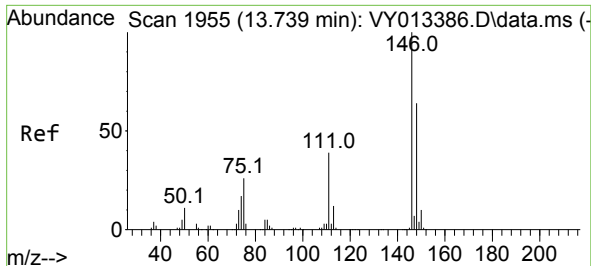
Tgt Ion: 117 Resp: 149930

Ion Ratio Lower Upper

117 100

201 81.9 41.6 124.8

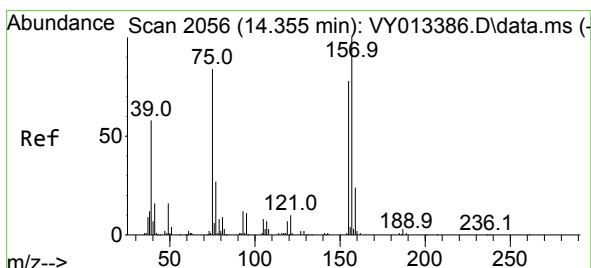
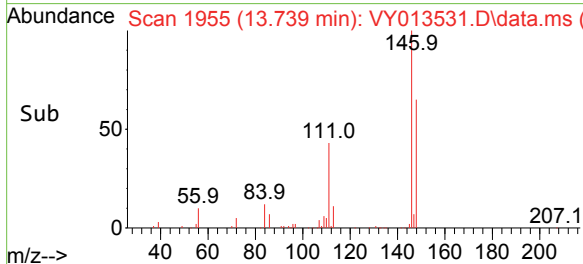
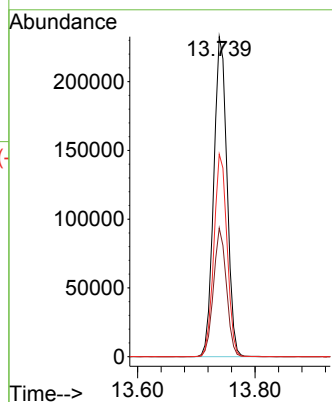
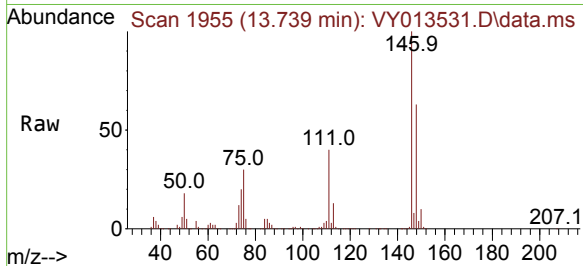




#91
1,2-Dichlorobenzene
Concen: 55.691 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

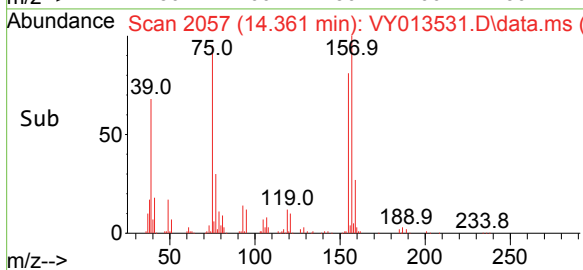
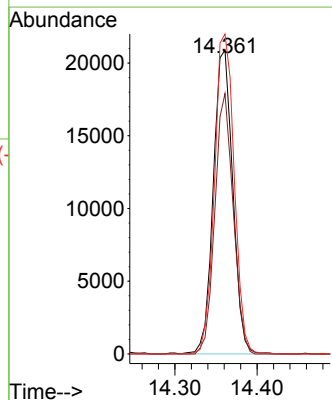
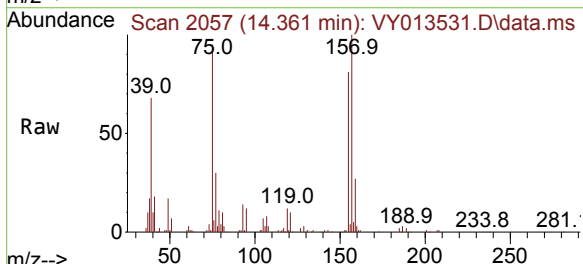
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

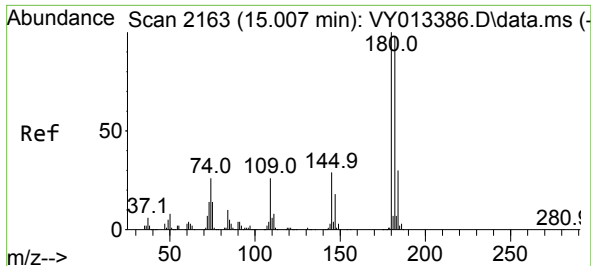
Tgt Ion:146 Resp: 364291
Ion Ratio Lower Upper
146 100
111 39.2 19.8 59.4
148 62.9 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.678 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion: 75 Resp: 34329
Ion Ratio Lower Upper
75 100
155 81.0 44.6 134.0
157 106.7 57.6 172.7

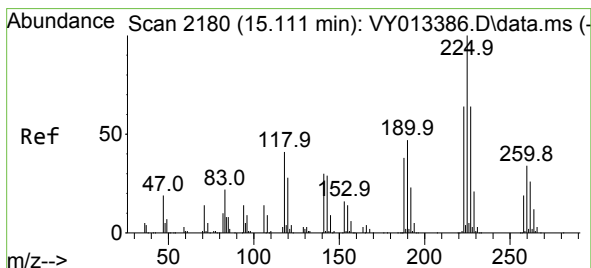
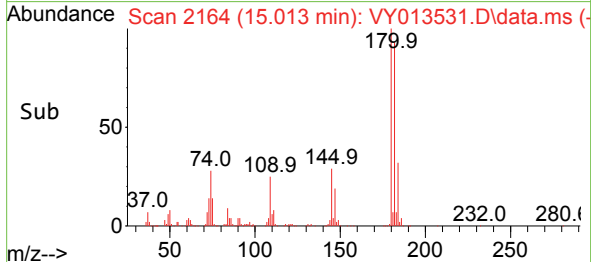
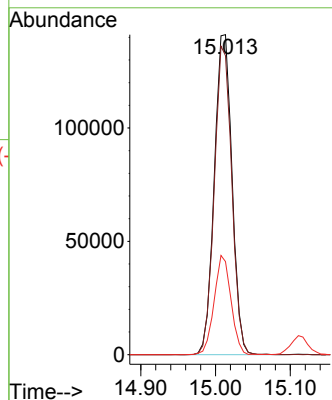
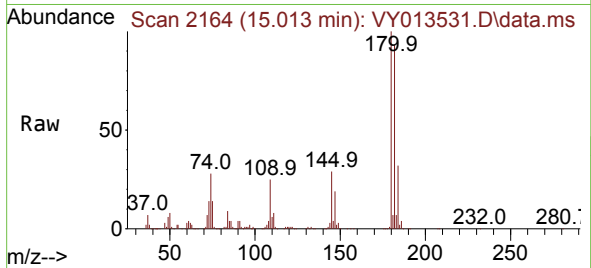




#93
1,2,4-Trichlorobenzene
Concen: 59.592 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

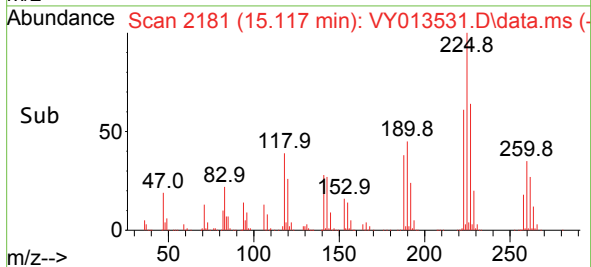
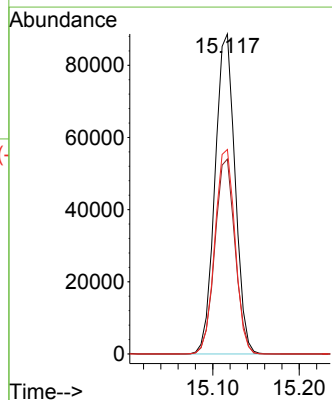
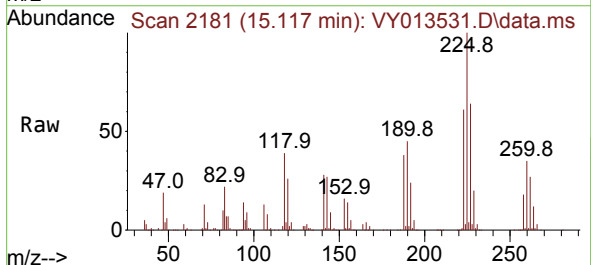
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

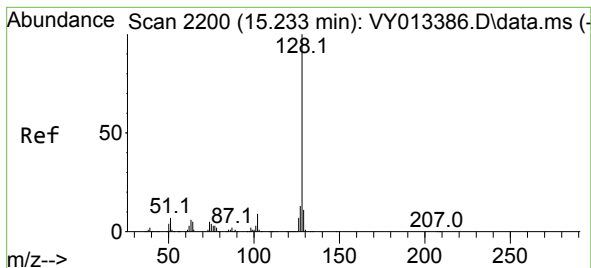
Tgt Ion:180 Resp: 232406
Ion Ratio Lower Upper
180 100
182 95.1 48.5 145.5
145 29.6 15.0 45.0



#94
Hexachlorobutadiene
Concen: 62.820 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY013531.D
Acq: 01 May 2023 11:15

Tgt Ion:225 Resp: 142585
Ion Ratio Lower Upper
225 100
223 61.5 31.4 94.2
227 64.4 32.0 96.0





#95

Naphthalene

Concen: 58.211 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

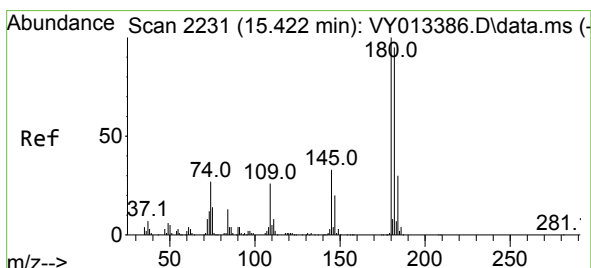
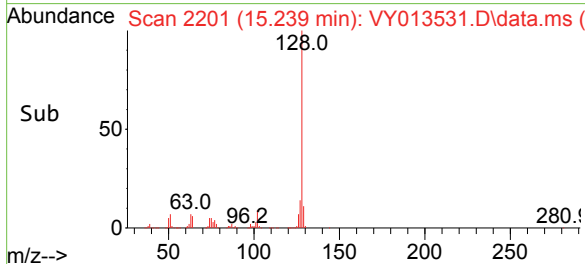
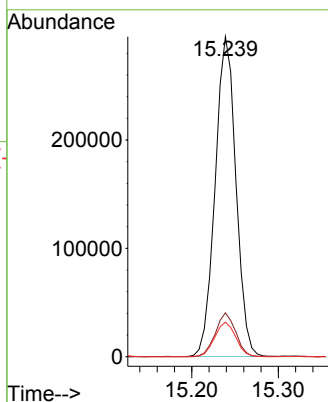
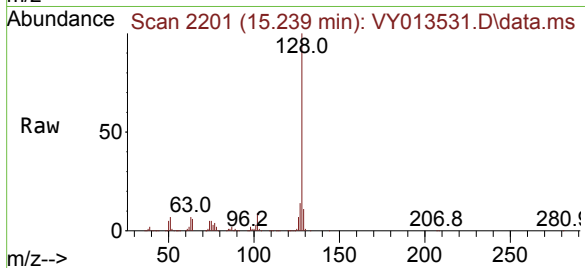
Tgt Ion:128 Resp: 492568

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 61.566 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013531.D

Acq: 01 May 2023 11:15

Tgt Ion:180 Resp: 214003

Ion Ratio Lower Upper

180 100

182 93.9 47.1 141.3

145 31.1 15.9 47.7

