

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013656.D
 Acq On : 09 May 2023 09:54
 Operator : KP/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050

Quant Time: May 10 05:32:06 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	7.789	168	242785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	367746	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	328779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161251	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	133163	50.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.060%	
35) Dibromofluoromethane	7.716	113	121712	52.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.240%	
50) Toluene-d8	10.179	98	409971	49.826	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.660%	
62) 4-Bromofluorobenzene	12.483	95	149870	54.029	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	118539	51.357	ug/l	98
3) Chloromethane	2.113	50	143521	46.389	ug/l	97
4) Vinyl Chloride	2.253	62	142819	46.362	ug/l	97
5) Bromomethane	2.656	94	104739	42.666	ug/l	99
6) Chloroethane	2.796	64	92885	43.646	ug/l	98
7) Trichlorofluoromethane	3.131	101	247717	53.082	ug/l	99
8) Diethyl Ether	3.533	74	78881	49.637	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	132608	50.659	ug/l	97
10) Methyl Iodide	4.088	142	151829	46.180	ug/l	97
11) Tert butyl alcohol	4.960	59	80722	269.229	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	124227	49.233	ug/l	97
13) Acrolein	3.735	56	40018	169.227	ug/l	93
14) Allyl chloride	4.485	41	230492	49.231	ug/l	97
15) Acrylonitrile	5.161	53	217427	244.301	ug/l	98
16) Acetone	3.948	43	269108	256.756	ug/l	98
17) Carbon Disulfide	4.198	76	360020	43.925	ug/l	99
18) Methyl Acetate	4.472	43	161782	46.735	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	367271	50.418	ug/l	99
20) Methylene Chloride	4.716	84	157279	47.495	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	139279	50.485	ug/l	95
22) Diisopropyl ether	6.118	45	488875	53.423	ug/l	97
23) Vinyl Acetate	6.057	43	1454075	280.641	ug/l	96
24) 1,1-Dichloroethane	6.015	63	266056	52.166	ug/l	100
25) 2-Butanone	6.984	43	334420	251.589	ug/l	94
26) 2,2-Dichloropropane	6.978	77	242861	55.261	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	162063	53.167	ug/l	94
28) Bromochloromethane	7.332	49	93463	51.641	ug/l	82
29) Tetrahydrofuran	7.350	42	191068	230.920	ug/l	92
30) Chloroform	7.502	83	278015	54.826	ug/l	98
31) Cyclohexane	7.783	56	224176	47.045	ug/l	92
32) 1,1,1-Trichloroethane	7.703	97	245125	54.172	ug/l	98
36) 1,1-Dichloropropene	7.917	75	203487	53.010	ug/l	97
37) Ethyl Acetate	7.076	43	131230	45.428	ug/l	97
38) Carbon Tetrachloride	7.899	117	222702	55.352	ug/l	97
39) Methylcyclohexane	9.185	83	233316	51.557	ug/l	96
40) Benzene	8.161	78	583249	53.939	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	57406	42.645	ug/l	92
42) 1,2-Dichloroethane	8.234	62	188779	53.401	ug/l	98
43) Isopropyl Acetate	8.270	43	239711	49.163	ug/l	97
44) Trichloroethene	8.941	130	153940	53.521	ug/l	98
45) 1,2-Dichloropropane	9.215	63	153143	54.167	ug/l	98
46) Dibromomethane	9.307	93	88823	52.507	ug/l	96
47) Bromodichloromethane	9.496	83	212551	56.152	ug/l	99
48) Methyl methacrylate	9.295	41	114410	51.091	ug/l	92
49) 1,4-Dioxane	9.307	88	22819	944.487	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	679164	249.963	ug/l	96
52) Toluene	10.246	92	355902	54.695	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	217838	54.376	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	240059	53.254	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	119571	53.374	ug/l	98
56) Ethyl methacrylate	10.508	69	166664	53.625	ug/l	92
57) 1,3-Dichloropropane	10.788	76	202647	53.412	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	274826	235.812	ug/l	94
59) 2-Hexanone	10.831	43	504569	255.467	ug/l	96
60) Dibromochloromethane	10.983	129	148865	54.727	ug/l	100
61) 1,2-Dibromoethane	11.087	107	116337	52.820	ug/l	98
64) Tetrachloroethene	10.721	164	131206	52.481	ug/l	100
65) Chlorobenzene	11.520	112	381083	53.209	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	146913	54.847	ug/l	99
67) Ethyl Benzene	11.593	91	688074	54.711	ug/l	99
68) m/p-Xylenes	11.703	106	523762	109.550	ug/l	97
69) o-Xylene	12.032	106	243744	53.906	ug/l	94
70) Styrene	12.044	104	421679	55.775	ug/l	99
71) Bromoform	12.209	173	99321	52.937	ug/l #	99
73) Isopropylbenzene	12.331	105	664441	54.478	ug/l	98
74) N-amyl acetate	12.142	43	209490	48.267	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	146578	49.168	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	191305	87.970	ug/l #	100
77) Bromobenzene	12.611	156	158880	53.762	ug/l	94
78) n-propylbenzene	12.672	91	814711	54.232	ug/l	97
79) 2-Chlorotoluene	12.757	91	454494	54.177	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	542625	54.510	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	52279	49.175	ug/l	94
82) 4-Chlorotoluene	12.855	91	461015	52.725	ug/l	99
83) tert-Butylbenzene	13.074	119	464157	53.819	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	531054	54.871	ug/l	100
85) sec-Butylbenzene	13.251	105	702516	54.275	ug/l	98
86) p-Isopropyltoluene	13.373	119	571506	54.905	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	302217	53.677	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	295514	51.959	ug/l	99
89) n-Butylbenzene	13.696	91	546081	53.752	ug/l	98
90) Hexachloroethane	13.965	117	114502	52.267	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	268422	52.795	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24941	47.371	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	157727	52.033	ug/l	99
94) Hexachlorobutadiene	15.117	225	98490	55.828	ug/l	98
95) Naphthalene	15.239	128	320421	48.718	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	140600	52.040	ug/l	99

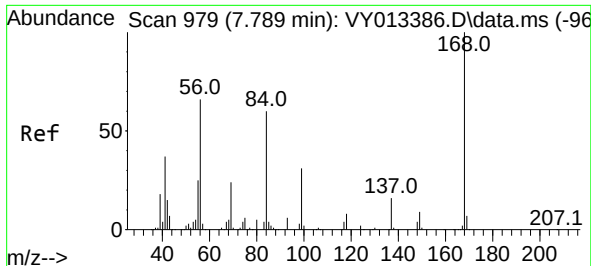
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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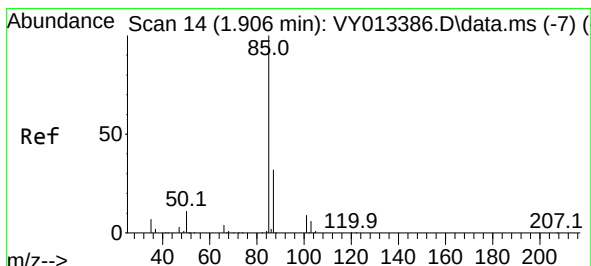
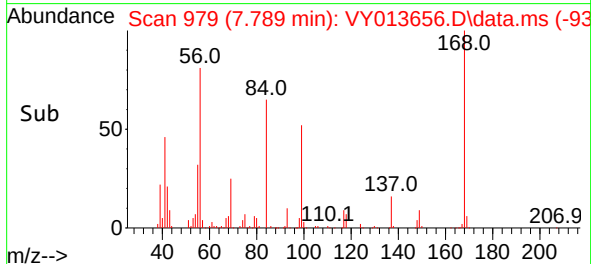
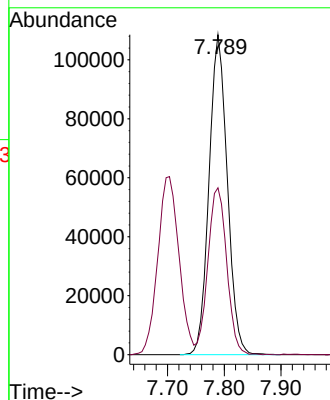
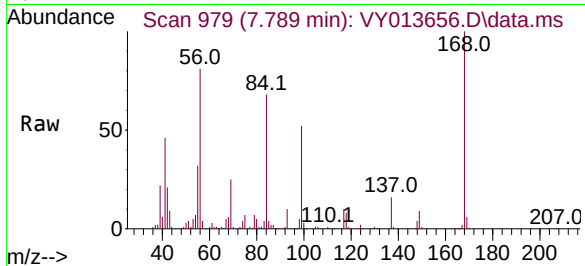
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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Acq: 09 May 2023 09:54

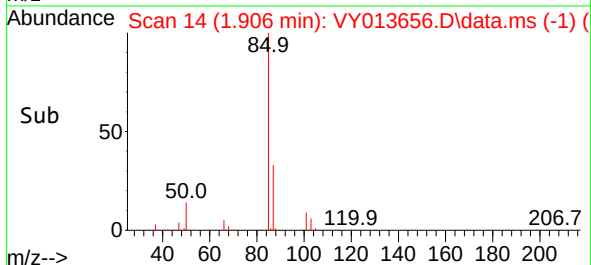
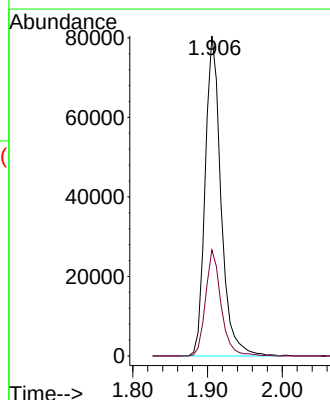
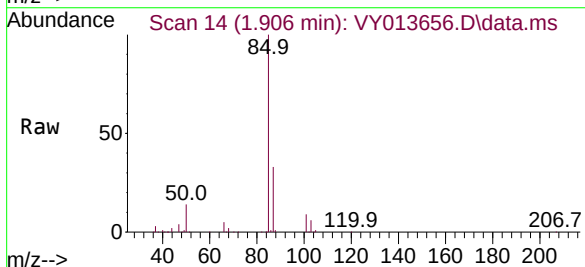
Instrument :
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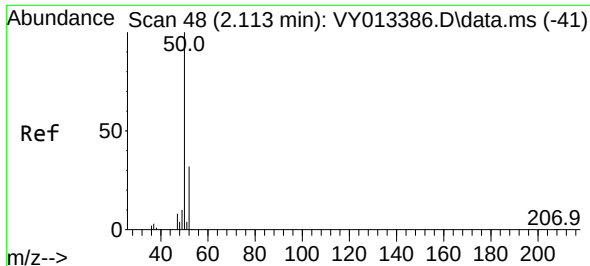
Tgt Ion:168 Resp: 242785
Ion Ratio Lower Upper
168 100
99 52.1 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 51.357 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 85 Resp: 118539
Ion Ratio Lower Upper
85 100
87 33.1 16.1 48.2

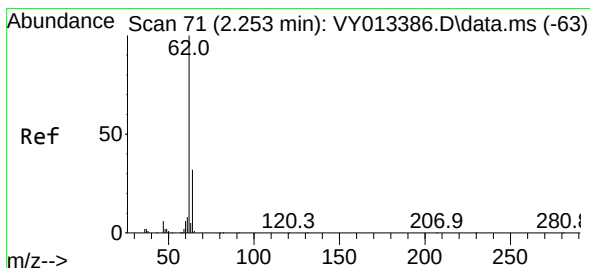
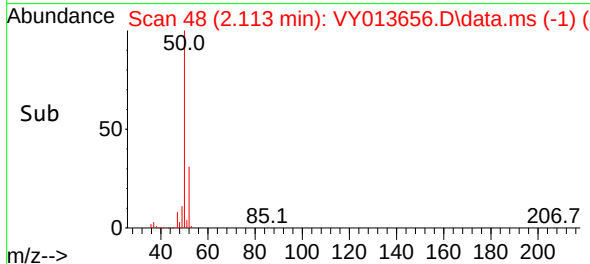
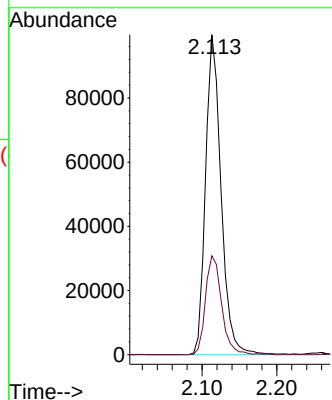
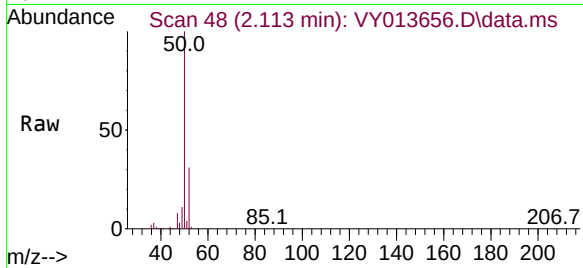




#3
Chloromethane
Concen: 46.389 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

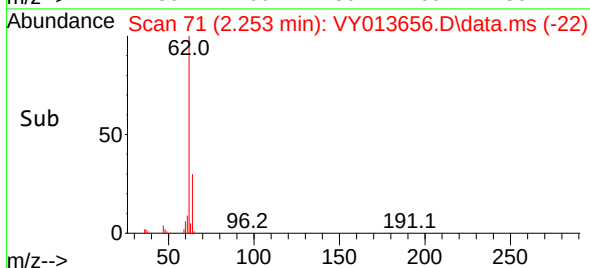
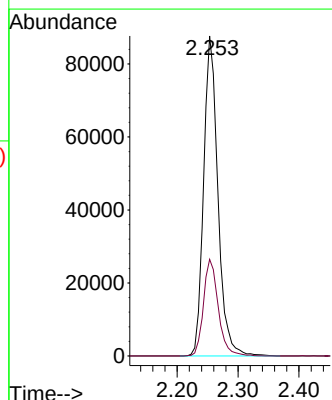
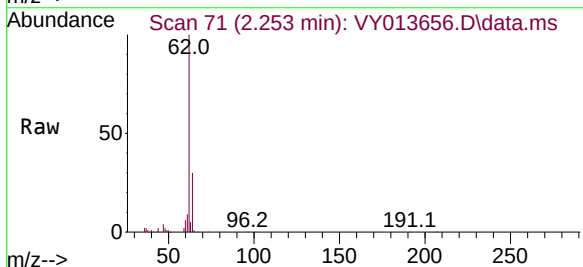
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ClientSampleId :
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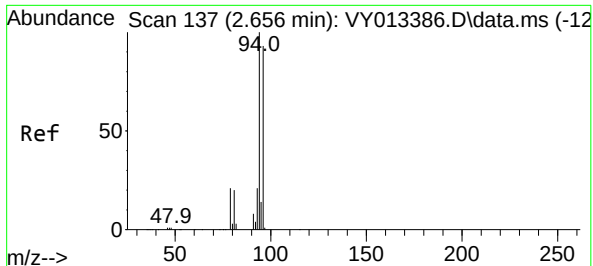
Tgt Ion: 50 Resp: 143521
Ion Ratio Lower Upper
50 100
52 30.9 25.9 38.9



#4
Vinyl Chloride
Concen: 46.362 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 62 Resp: 142819
Ion Ratio Lower Upper
62 100
64 30.2 25.4 38.0

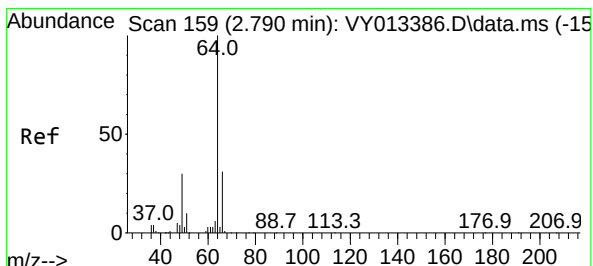
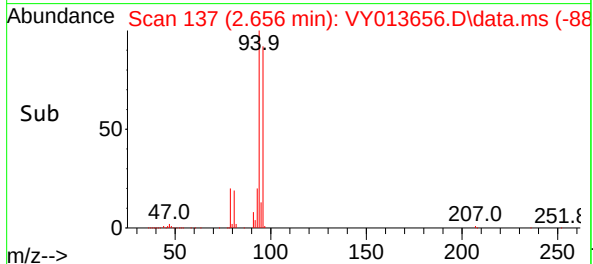
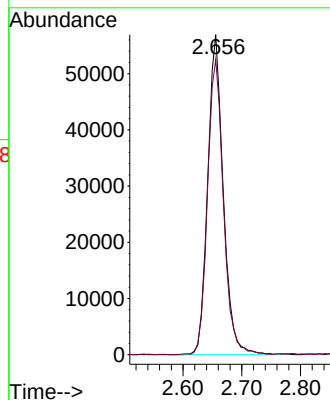
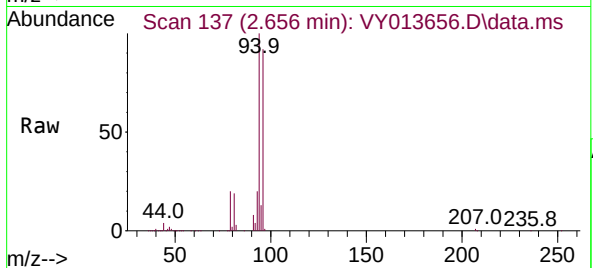




#5
Bromomethane
Concen: 42.666 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

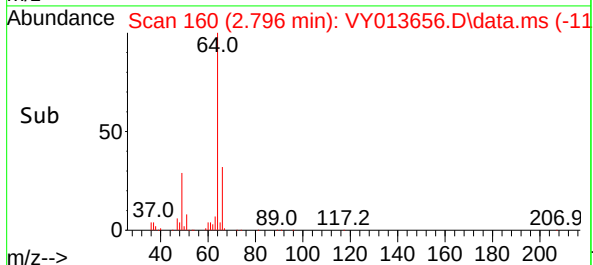
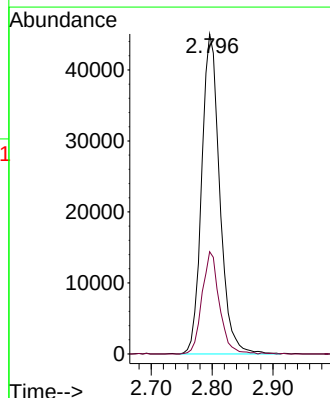
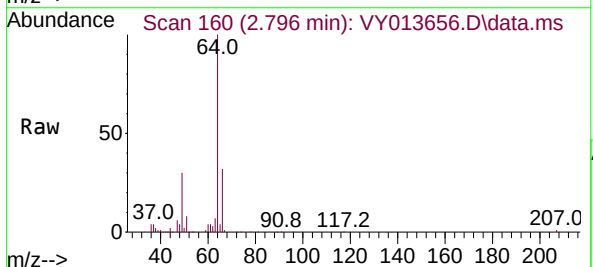
Instrument :
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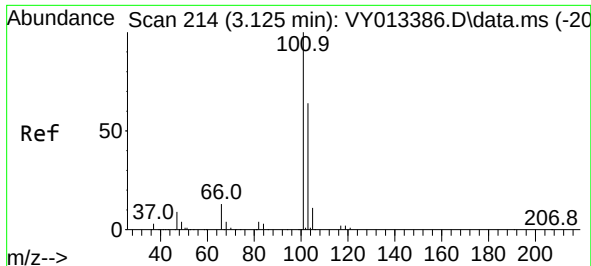
Tgt Ion: 94 Resp: 104739
Ion Ratio Lower Upper
94 100
96 92.1 74.2 111.2



#6
Chloroethane
Concen: 43.646 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 64 Resp: 92885
Ion Ratio Lower Upper
64 100
66 32.0 24.6 37.0

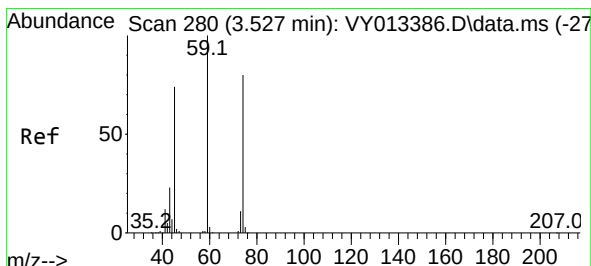
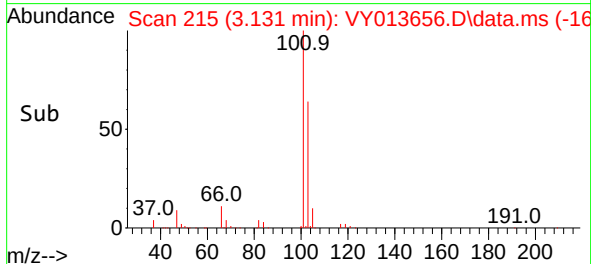
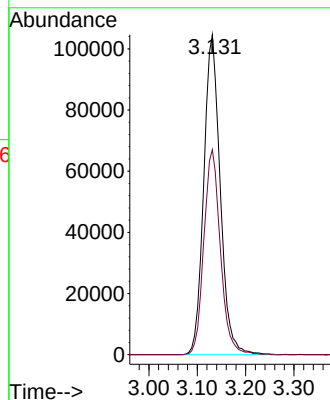
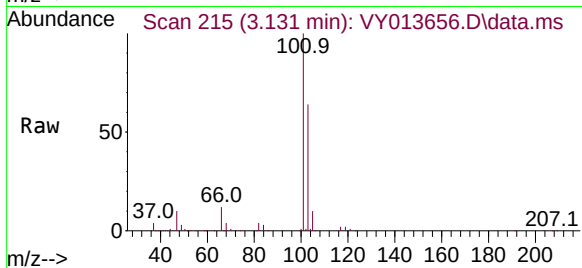




#7
Trichlorofluoromethane
Concen: 53.082 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013656.D
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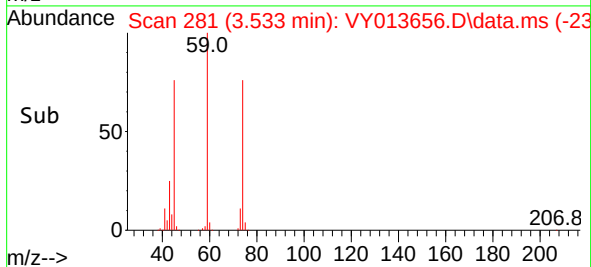
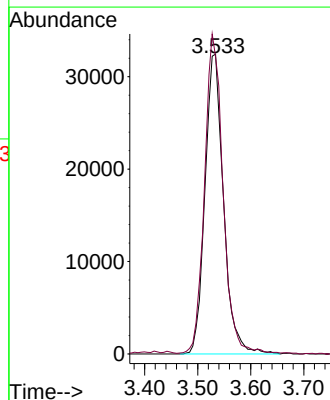
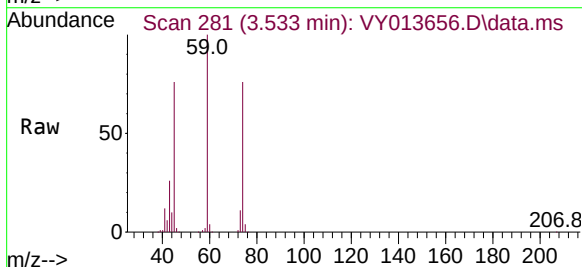
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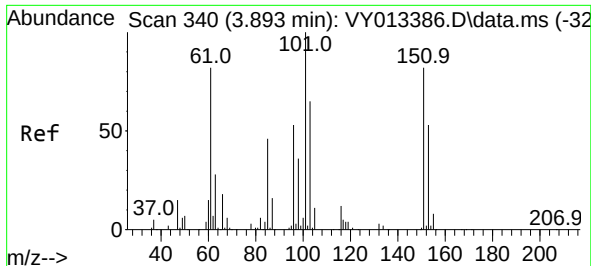
Tgt Ion:101 Resp: 247717
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4



#8
Diethyl Ether
Concen: 49.637 ug/l
RT: 3.533 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 74 Resp: 78881
Ion Ratio Lower Upper
74 100
45 106.9 48.2 144.6

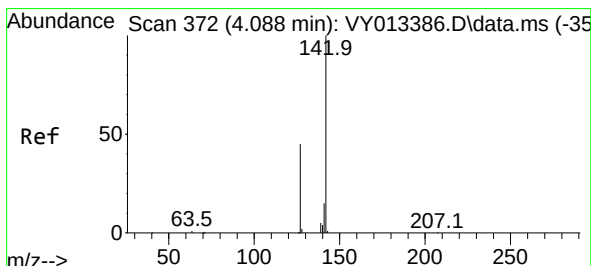
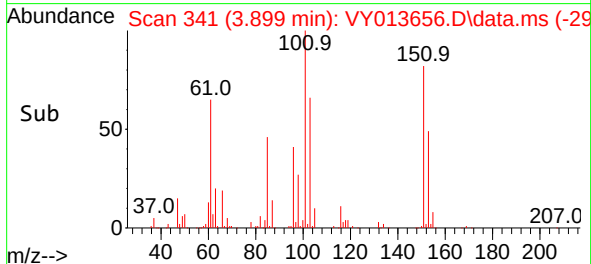
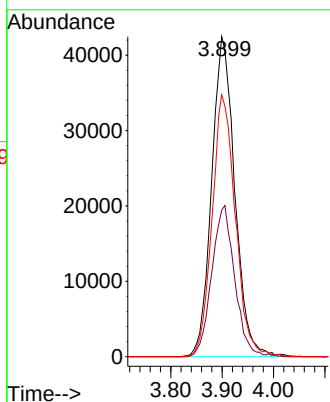
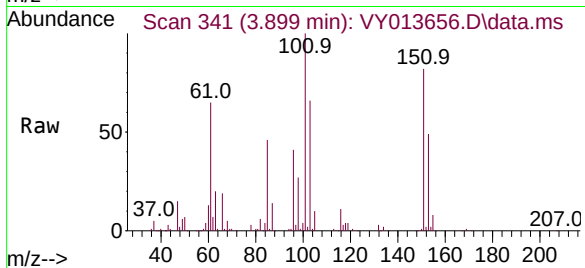




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.659 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
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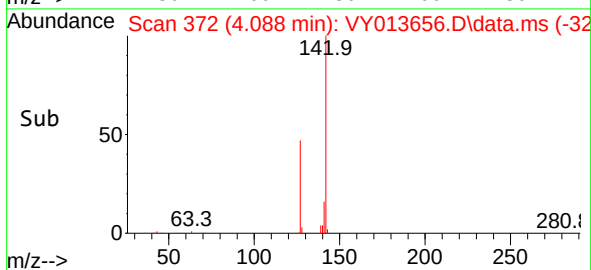
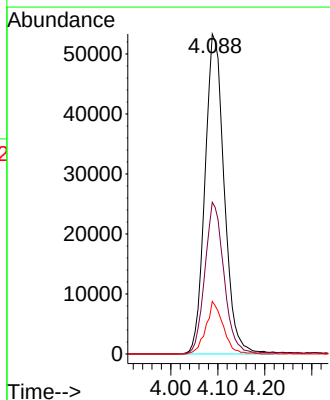
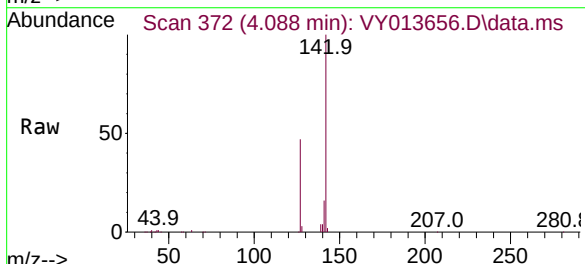
Instrument :
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ClientSampleId :
VSTDCCC050

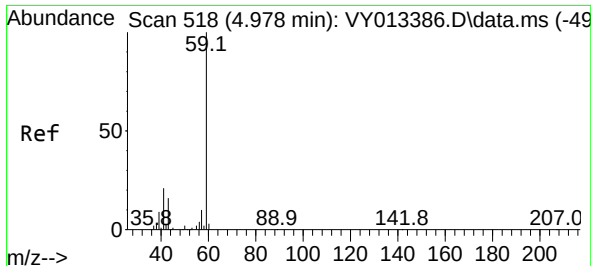
Tgt Ion:101 Resp: 132608
Ion Ratio Lower Upper
101 100
85 46.9 35.6 53.4
151 82.3 68.0 102.0



#10
Methyl Iodide
Concen: 46.180 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion:142 Resp: 151829
Ion Ratio Lower Upper
142 100
127 47.2 36.1 54.1
141 14.8 11.6 17.4

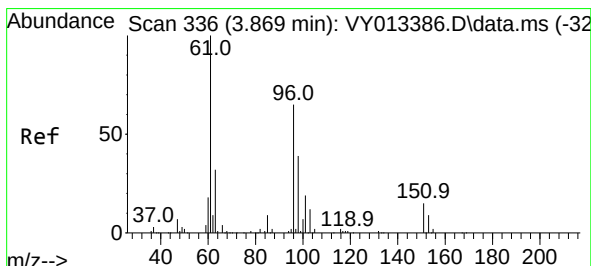
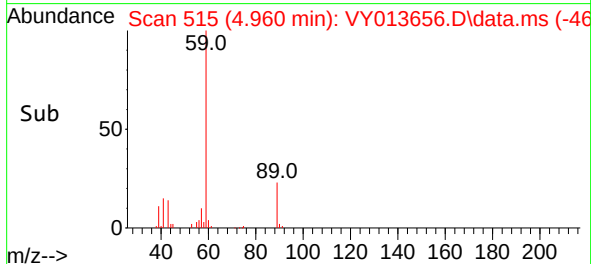
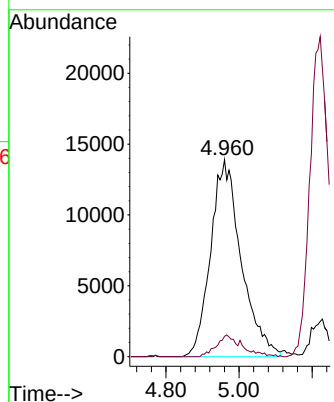
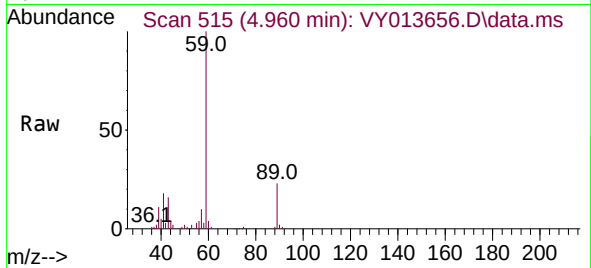




#11
Tert butyl alcohol
Concen: 269.229 ug/l
RT: 4.960 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

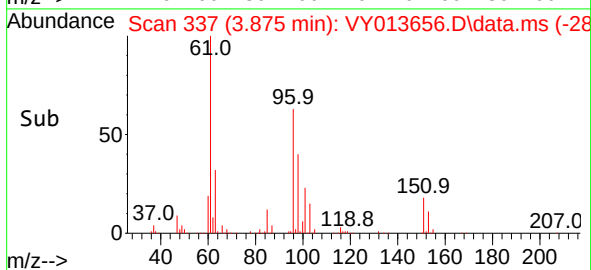
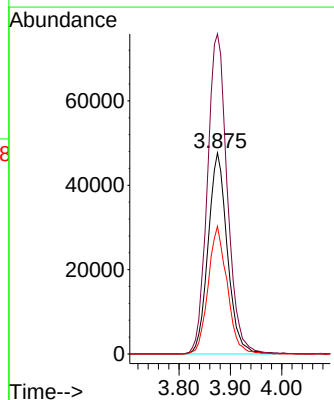
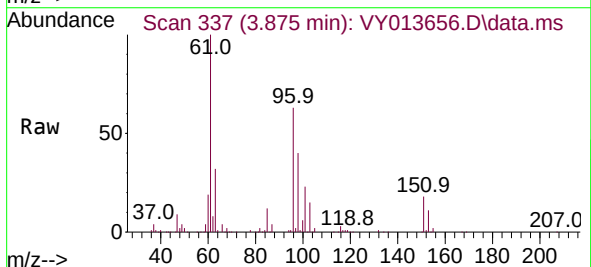
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

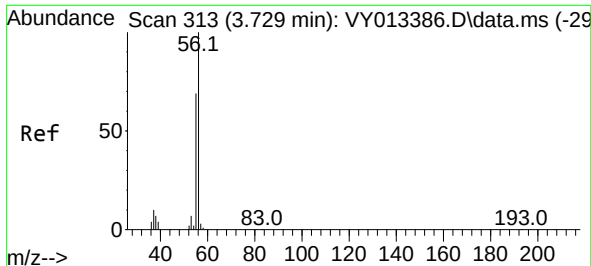
Tgt Ion: 59 Resp: 80722
Ion Ratio Lower Upper
59 100
57 6.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.233 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 96 Resp: 124227
Ion Ratio Lower Upper
96 100
61 159.2 123.9 185.9
98 63.5 48.9 73.3





#13

Acrolein

Concen: 169.227 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

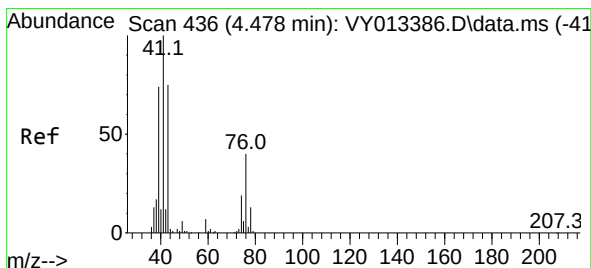
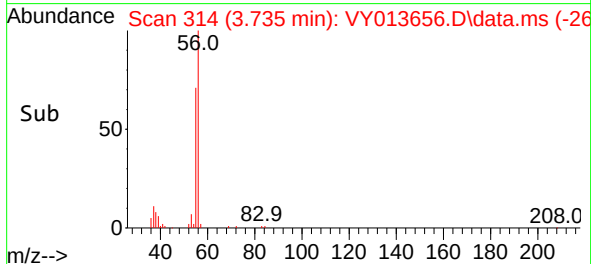
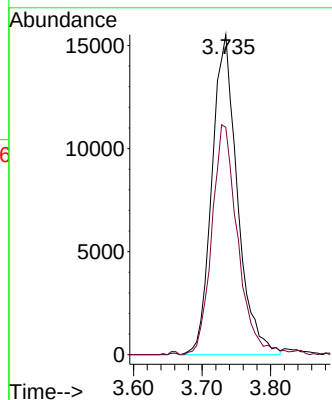
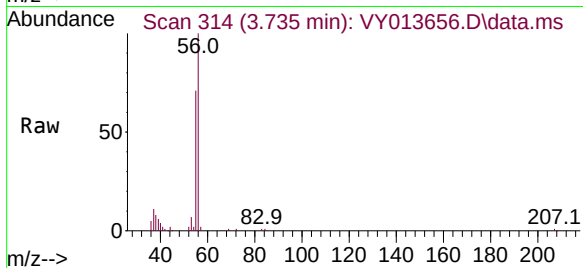
VSTDCCC050

Tgt Ion: 56 Resp: 40018

Ion Ratio Lower Upper

56 100

55 73.0 54.1 81.1



#14

Allyl chloride

Concen: 49.231 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.007 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

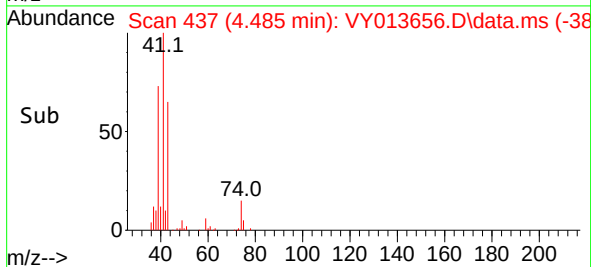
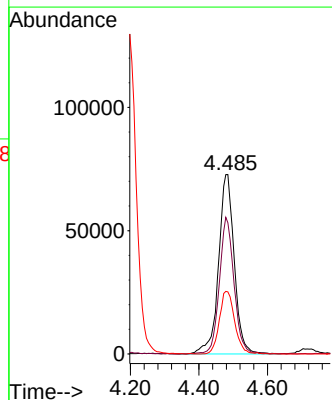
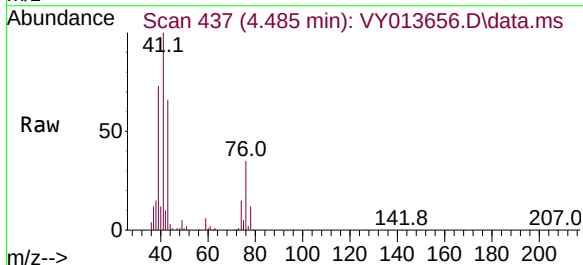
Tgt Ion: 41 Resp: 230492

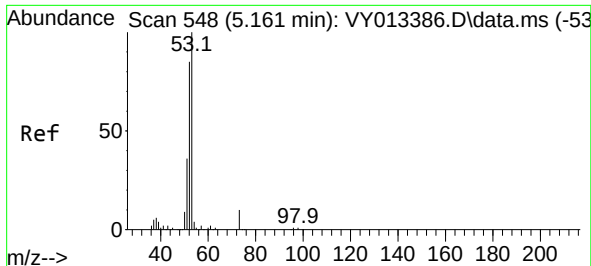
Ion Ratio Lower Upper

41 100

39 71.0 56.6 85.0

76 33.8 30.5 45.7

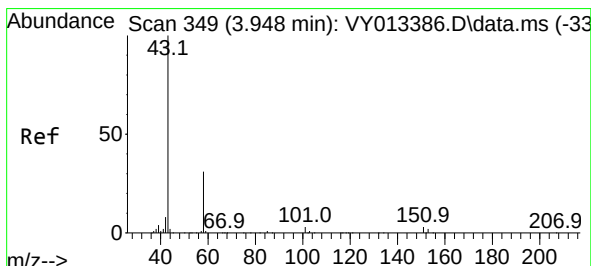
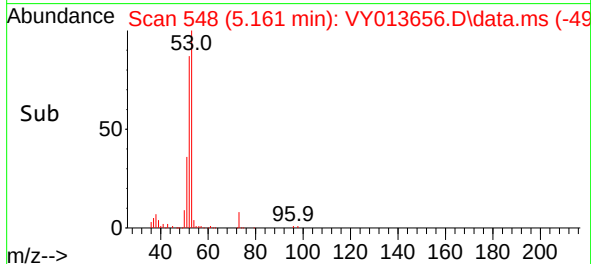
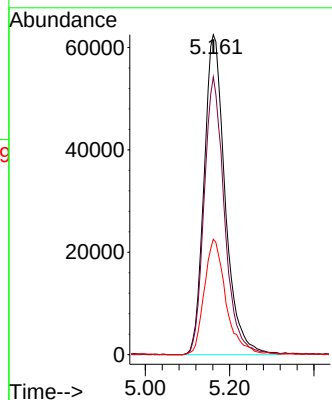
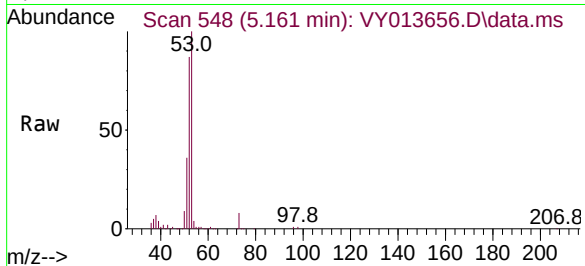




#15
Acrylonitrile
Concen: 244.301 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

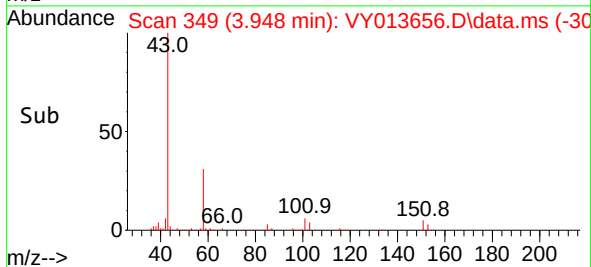
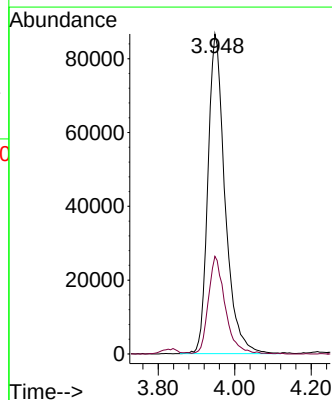
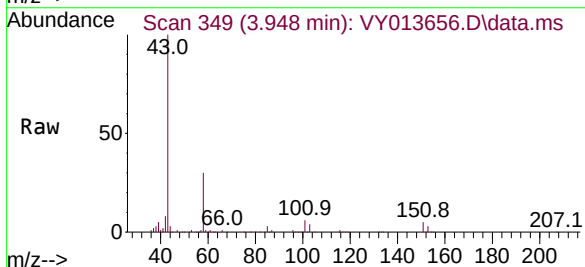
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

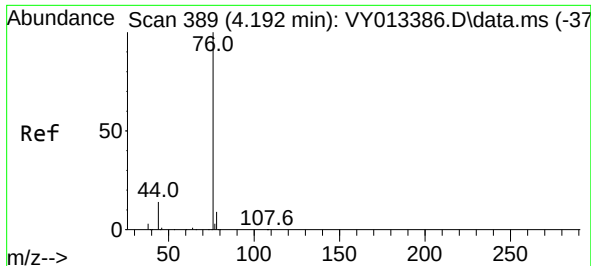
Tgt Ion: 53 Resp: 217427
Ion Ratio Lower Upper
53 100
52 84.0 65.4 98.0
51 37.3 29.3 43.9



#16
Acetone
Concen: 256.756 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 43 Resp: 269108
Ion Ratio Lower Upper
43 100
58 30.4 25.4 38.0

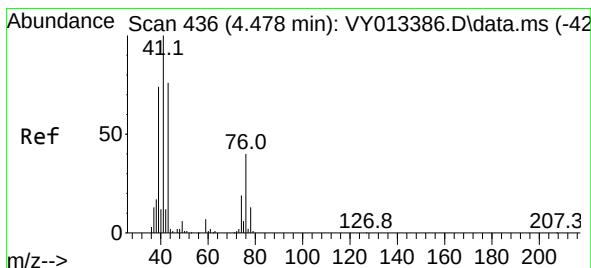
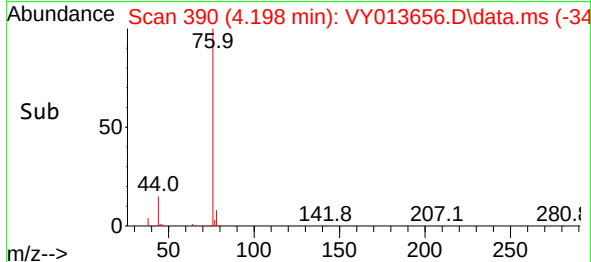
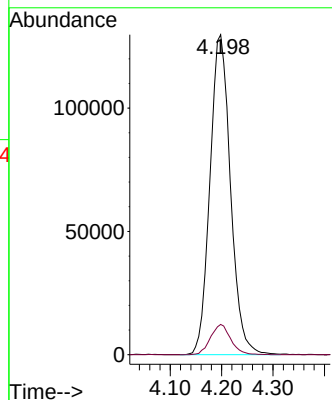
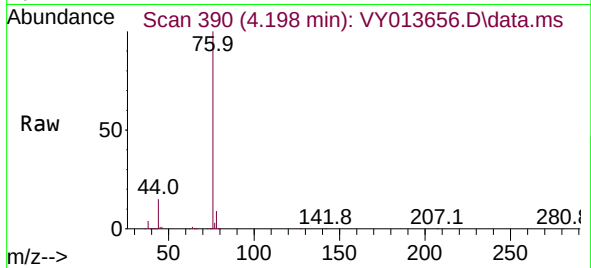




#17
Carbon Disulfide
Concen: 43.925 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

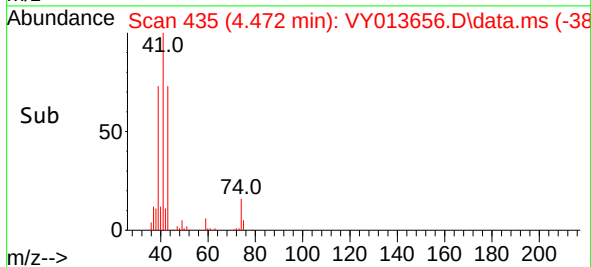
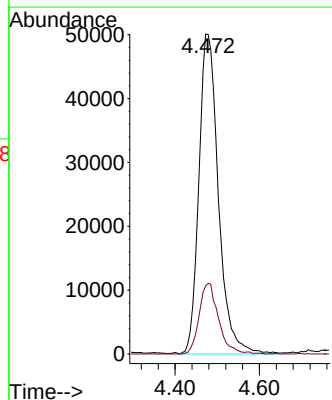
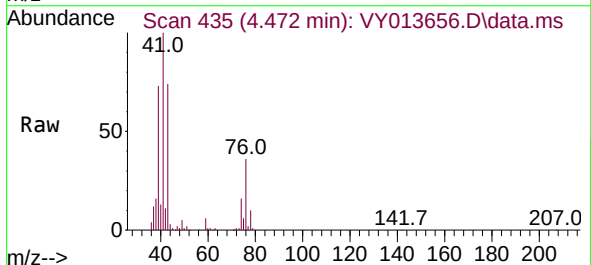
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

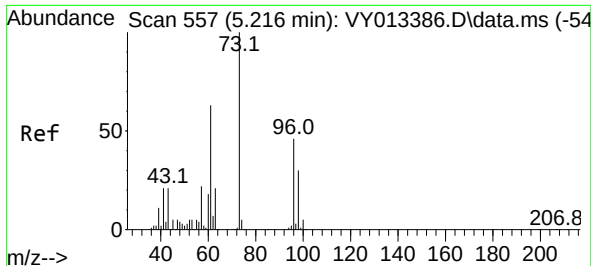
Tgt Ion: 76 Resp: 360020
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 46.735 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 43 Resp: 161782
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2

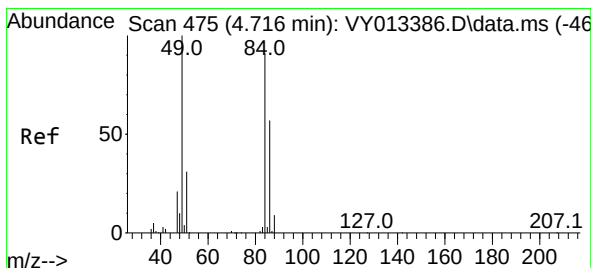
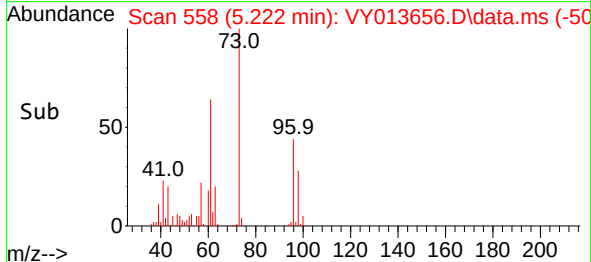
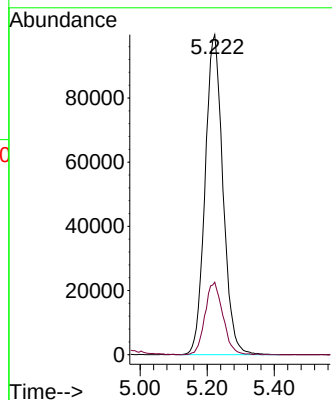
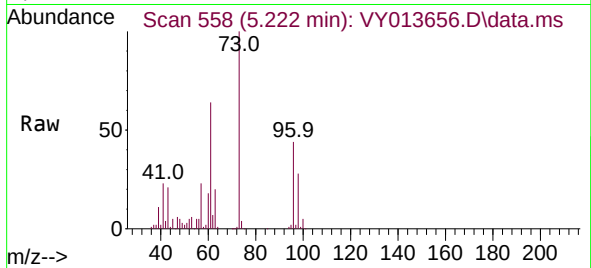




#19
Methyl tert-butyl Ether
Concen: 50.418 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

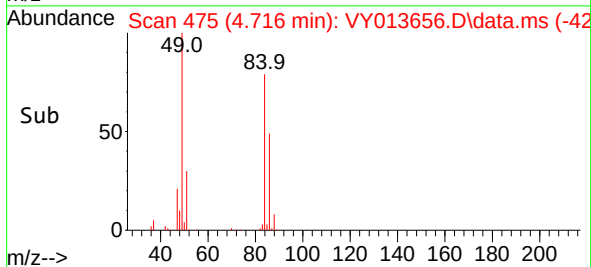
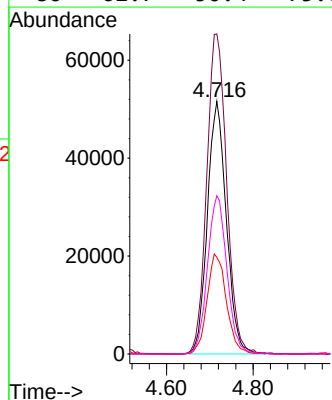
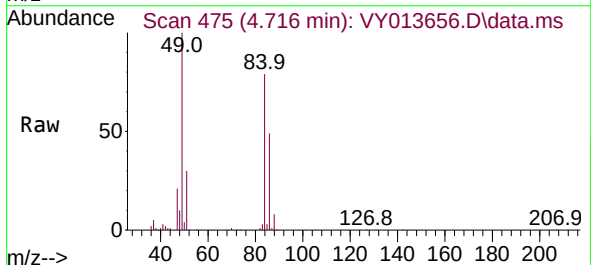
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

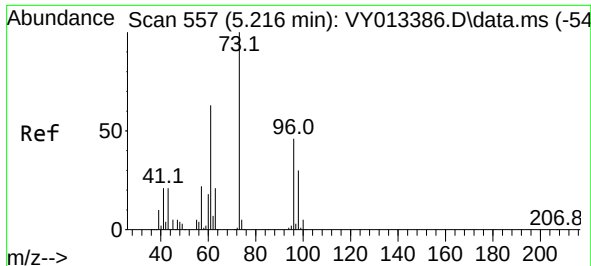
Tgt Ion: 73 Resp: 367271
Ion Ratio Lower Upper
73 100
57 22.6 17.8 26.8



#20
Methylene Chloride
Concen: 47.495 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 84 Resp: 157279
Ion Ratio Lower Upper
84 100
49 126.7 88.0 132.0
51 38.2 27.4 41.0
86 62.7 50.4 75.6

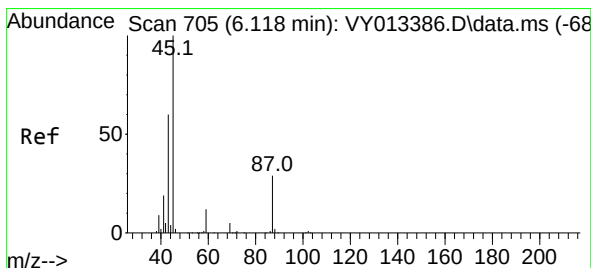
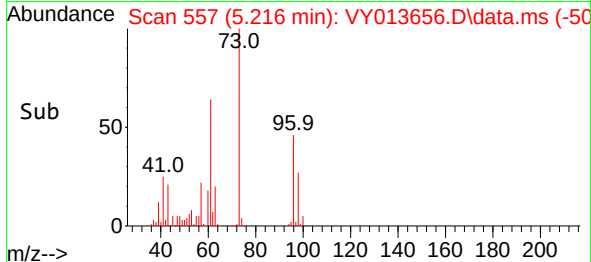
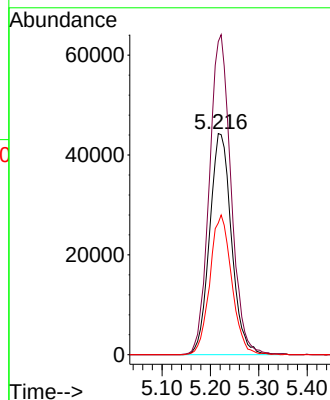
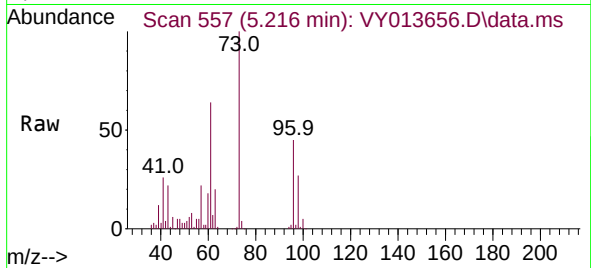




#21
trans-1,2-Dichloroethene
Concen: 50.485 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

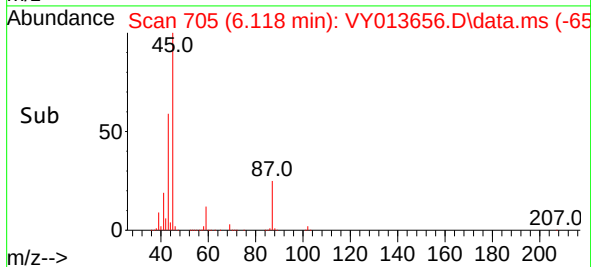
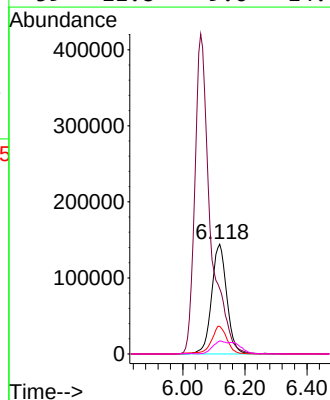
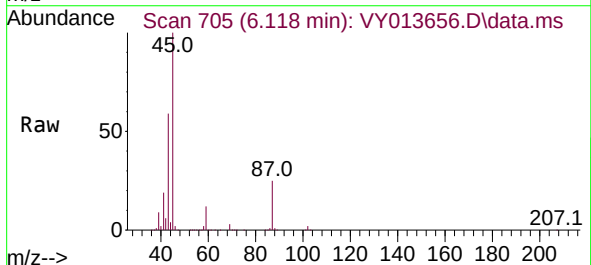
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

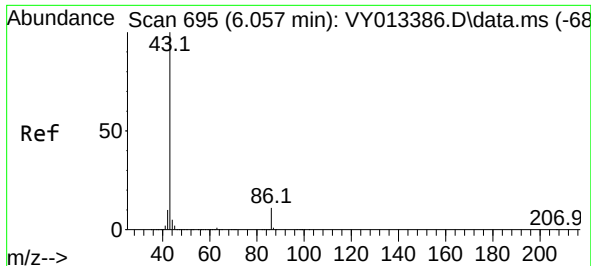
Tgt Ion: 96 Resp: 139279
Ion Ratio Lower Upper
96 100
61 141.5 110.6 165.8
98 59.6 53.1 79.7



#22
Diisopropyl ether
Concen: 53.423 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 45 Resp: 488875
Ion Ratio Lower Upper
45 100
43 59.3 48.4 72.6
87 25.3 23.8 35.6
59 11.8 9.6 14.4

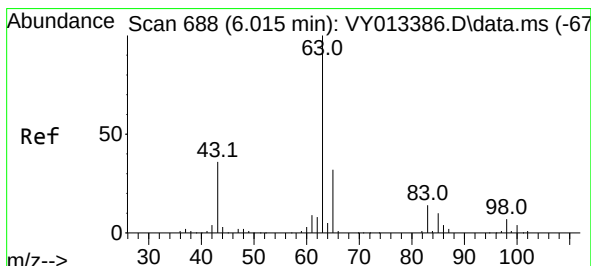
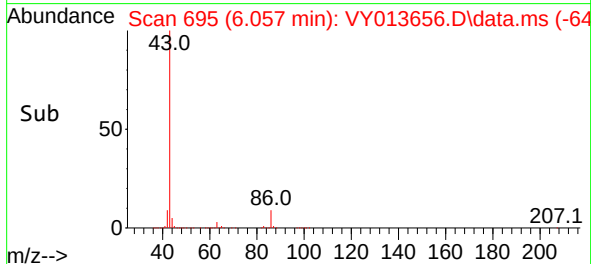
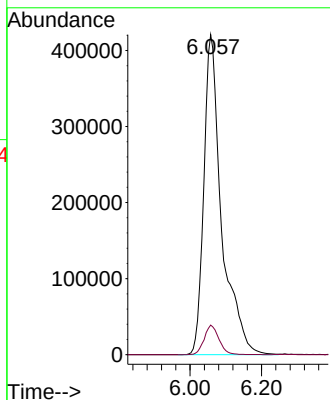
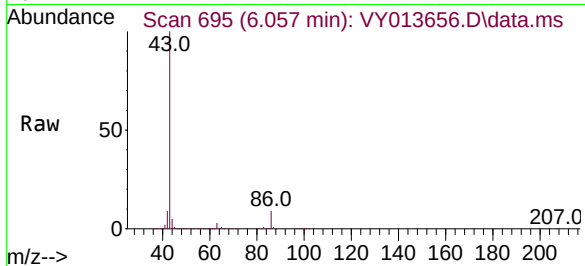




#23
 Vinyl Acetate
 Concen: 280.641 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013656.D
 Acq: 09 May 2023 09:54

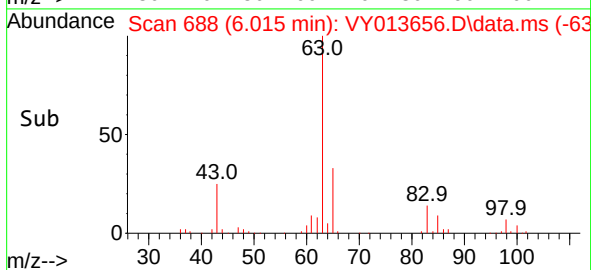
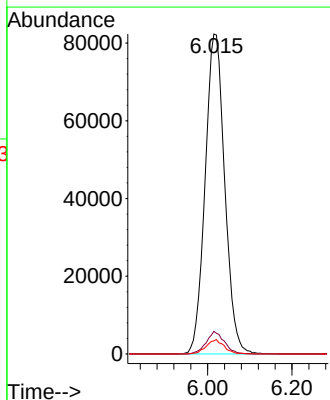
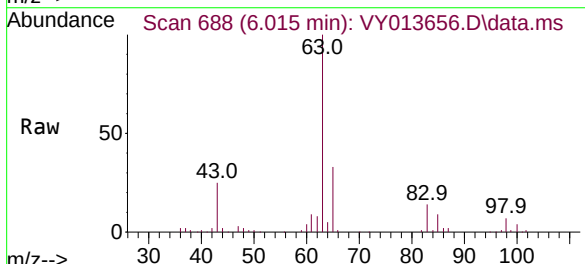
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

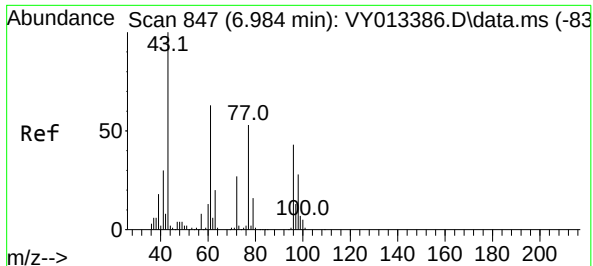
Tgt Ion: 43 Resp: 1454075
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 52.166 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013656.D
 Acq: 09 May 2023 09:54

Tgt Ion: 63 Resp: 266056
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.6
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 251.589 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

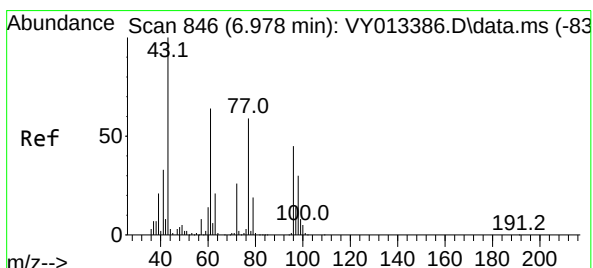
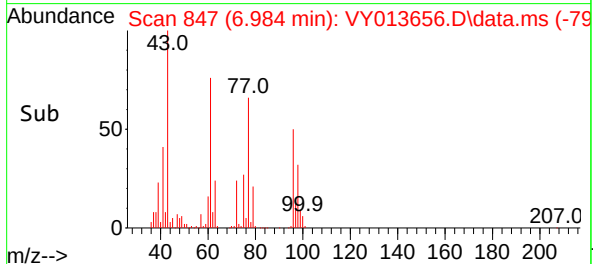
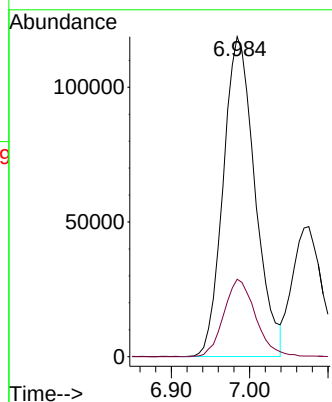
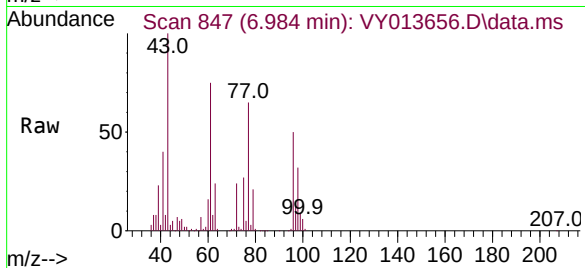
VSTDCCC050

Tgt Ion: 43 Resp: 334420

Ion Ratio Lower Upper

43 100

72 24.2 21.9 32.9



#26

2,2-Dichloropropane

Concen: 55.261 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY013656.D

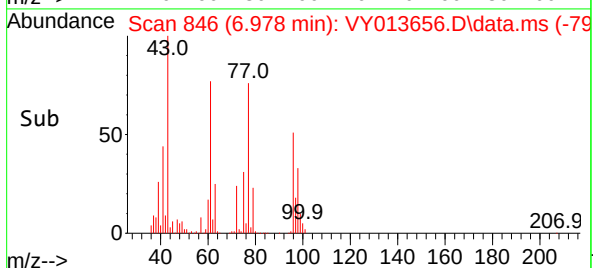
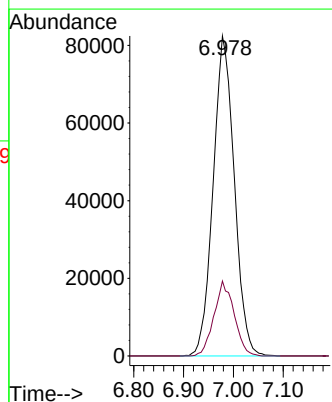
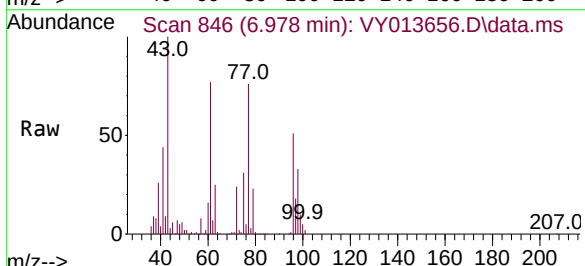
Acq: 09 May 2023 09:54

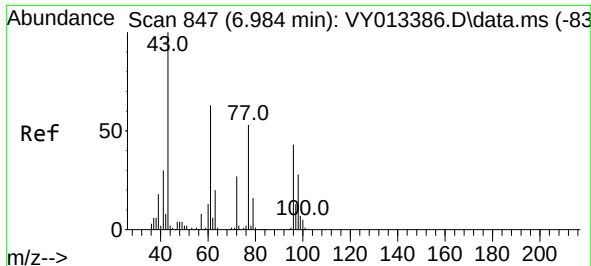
Tgt Ion: 77 Resp: 242861

Ion Ratio Lower Upper

77 100

97 22.3 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 53.167 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

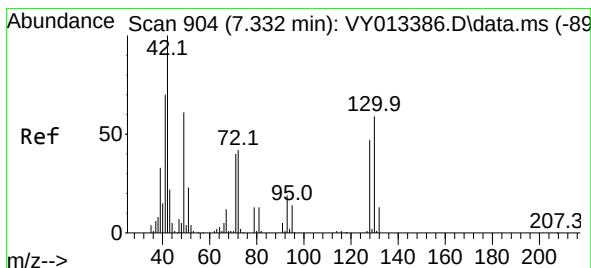
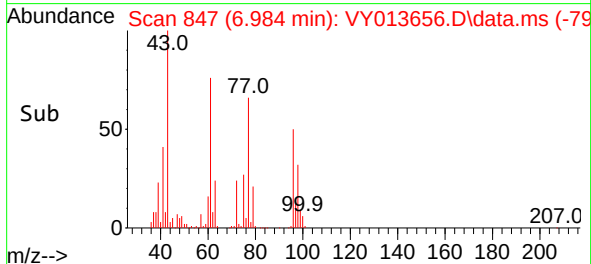
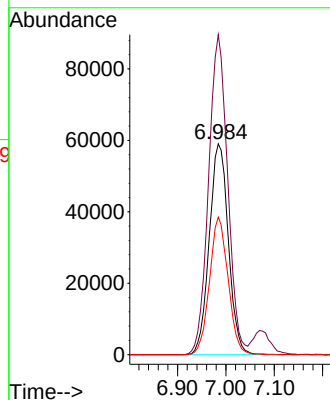
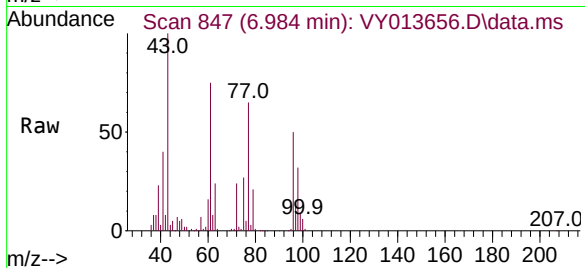
Tgt Ion: 96 Resp: 162063

Ion Ratio Lower Upper

96 100

61 151.8 0.0 285.0

98 63.5 0.0 130.6



#28

Bromochloromethane

Concen: 51.641 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

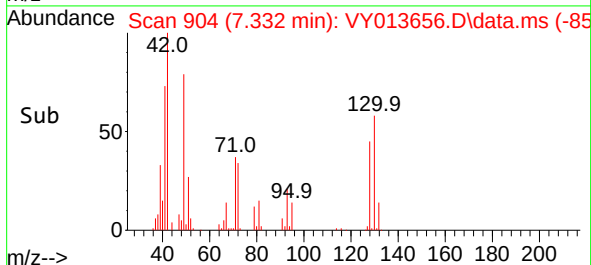
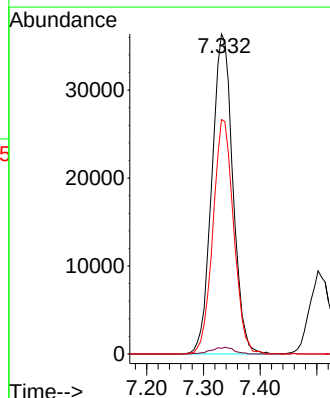
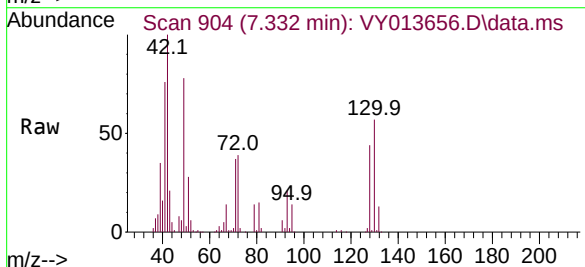
Tgt Ion: 49 Resp: 93463

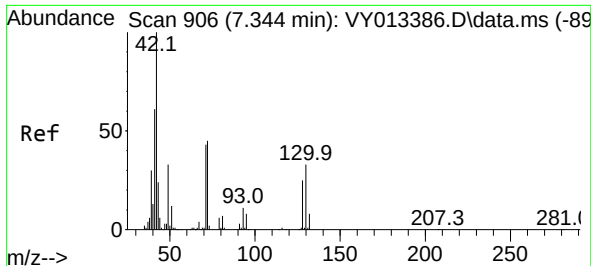
Ion Ratio Lower Upper

49 100

129 2.3 0.0 5.2

130 72.3 72.1 108.1





#29

Tetrahydrofuran

Concen: 230.920 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

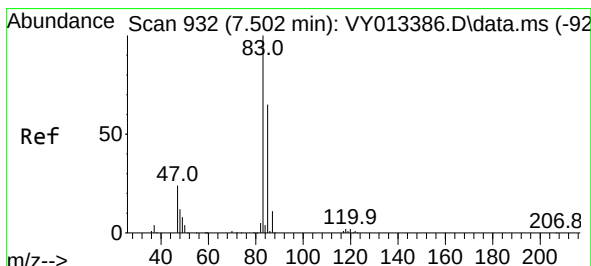
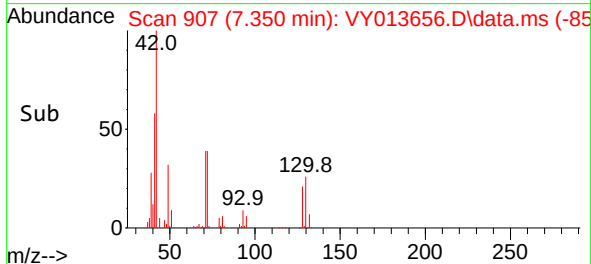
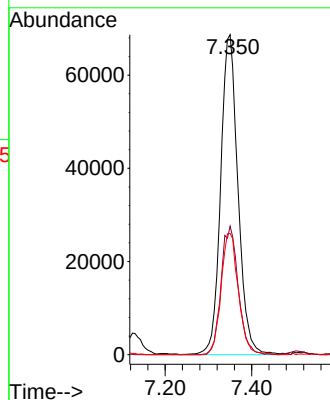
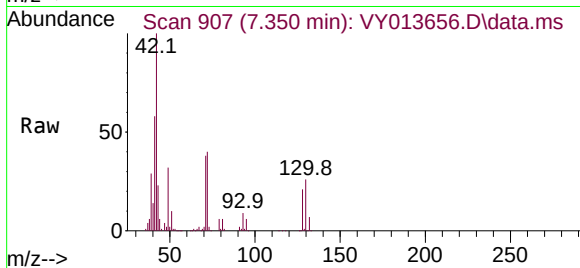
Tgt Ion: 42 Resp: 191068

Ion Ratio Lower Upper

42 100

72 39.9 35.9 53.9

71 37.7 34.3 51.5



#30

Chloroform

Concen: 54.826 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013656.D

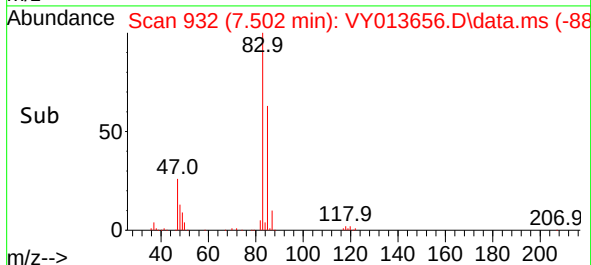
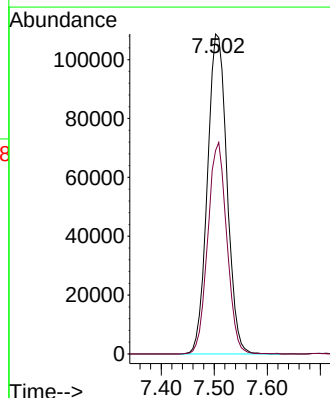
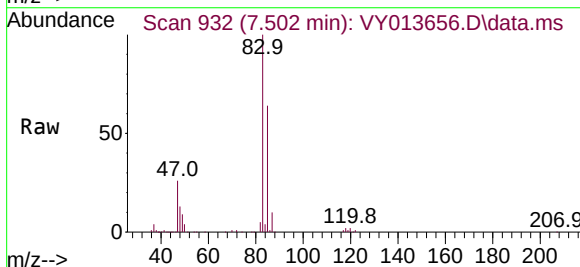
Acq: 09 May 2023 09:54

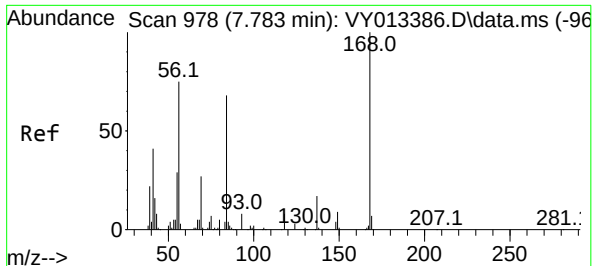
Tgt Ion: 83 Resp: 278015

Ion Ratio Lower Upper

83 100

85 63.6 52.0 78.0

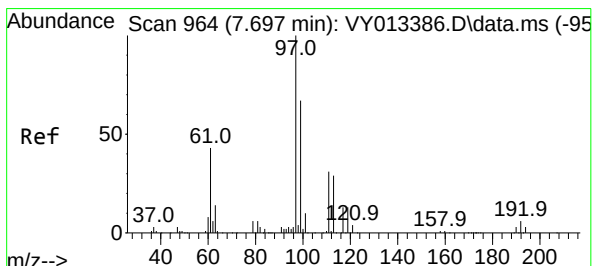
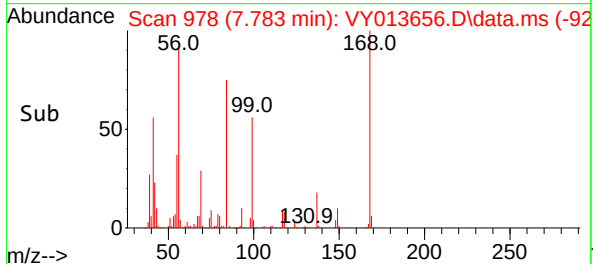
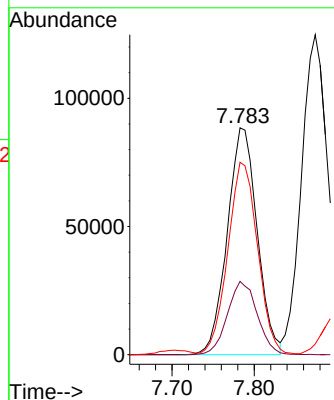
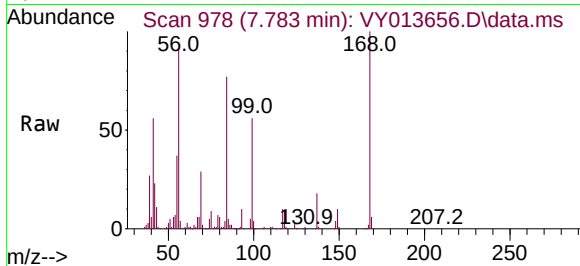




#31
Cyclohexane
Concen: 47.045 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

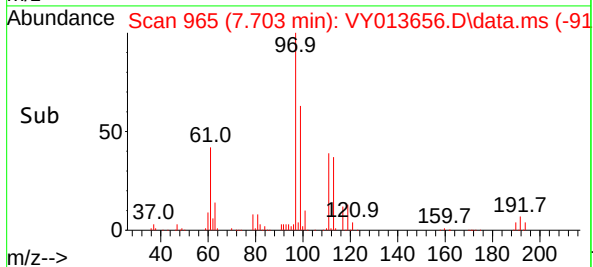
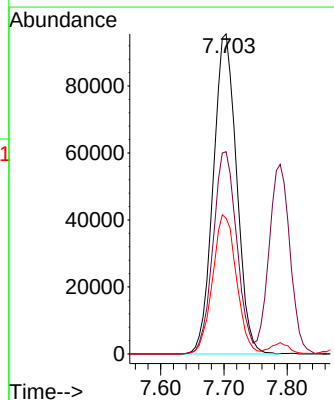
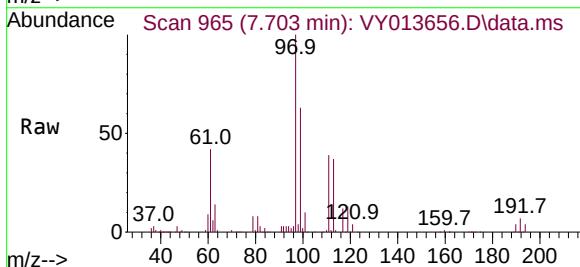
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

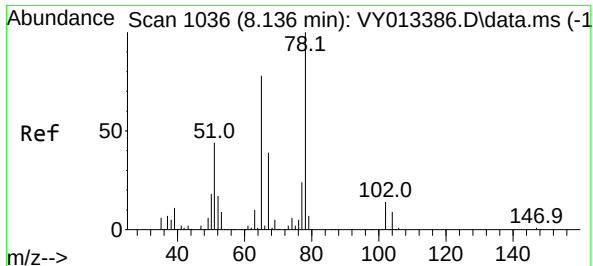
Tgt Ion: 56 Resp: 224176
Ion Ratio Lower Upper
56 100
69 32.3 29.2 43.8
84 83.0 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 54.172 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 97 Resp: 245125
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.2
61 44.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.034 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

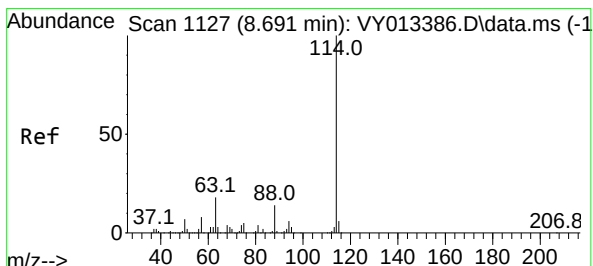
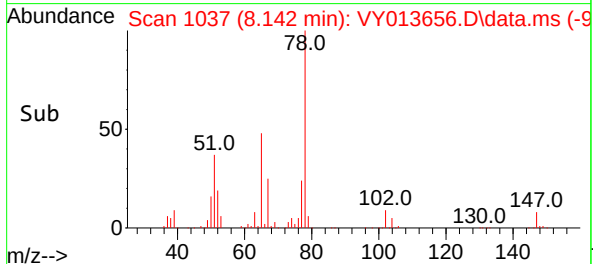
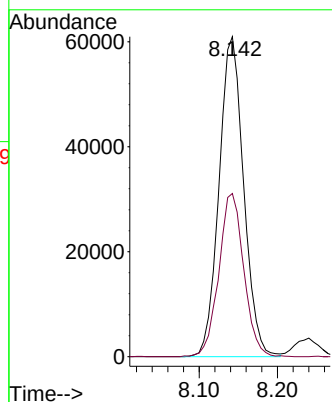
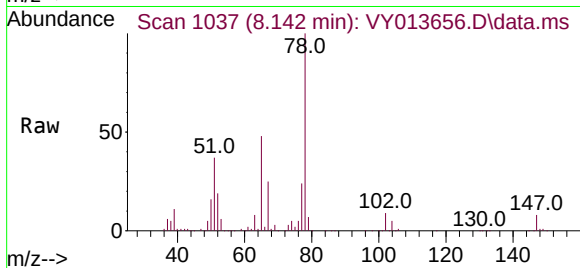
VSTDCCC050

Tgt Ion: 65 Resp: 133163

Ion Ratio Lower Upper

65 100

67 51.7 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: VY013656.D

Acq: 09 May 2023 09:54

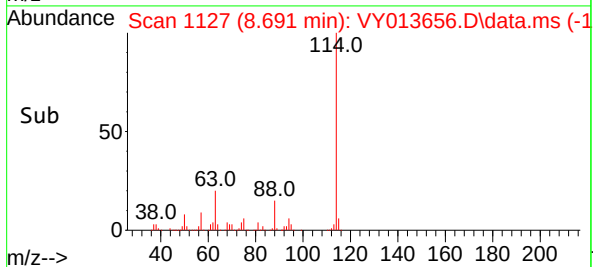
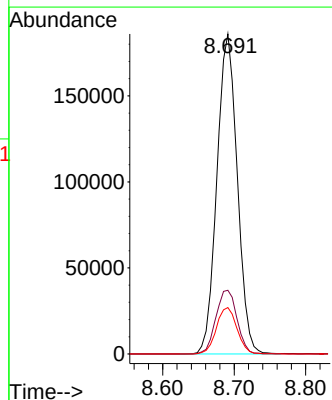
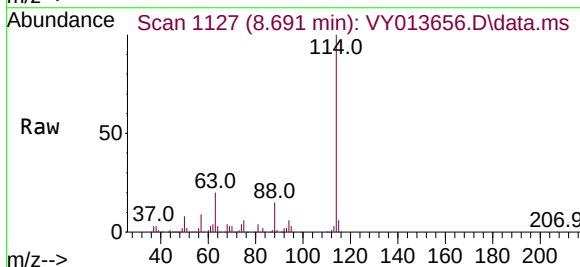
Tgt Ion: 114 Resp: 367746

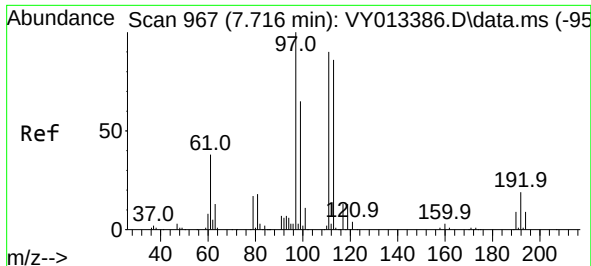
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.6

88 14.5 0.0 28.8

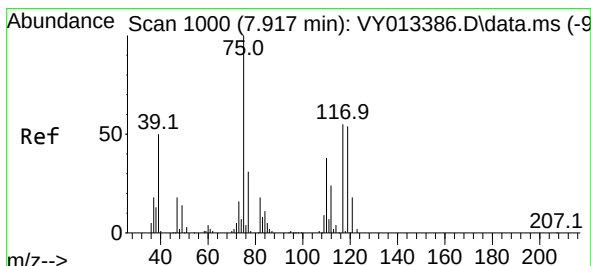
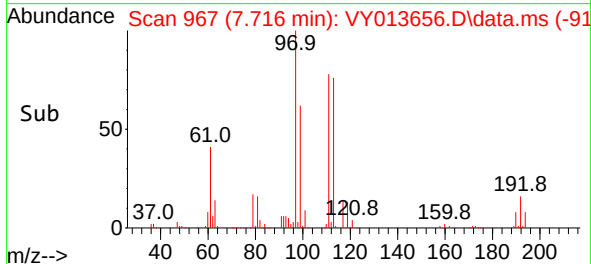
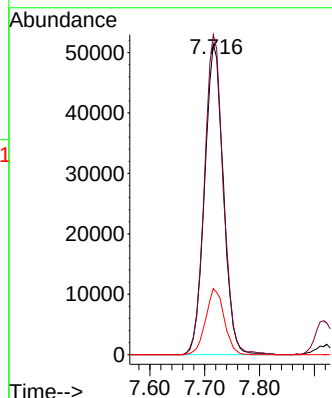
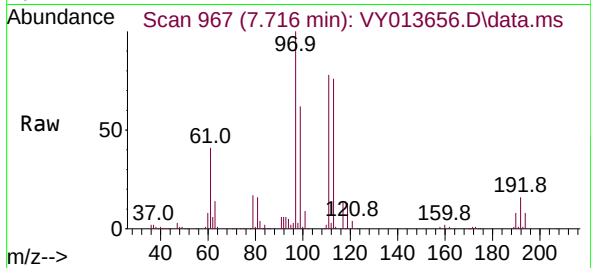




#35
Dibromofluoromethane
Concen: 52.622 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

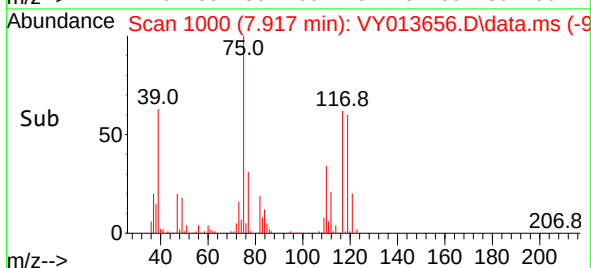
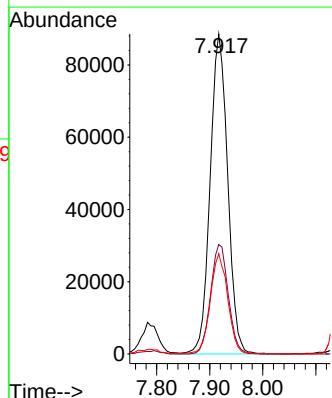
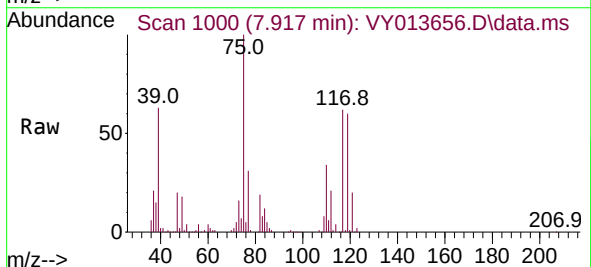
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

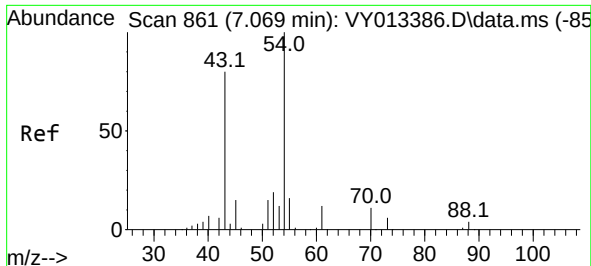
Tgt Ion:113 Resp: 121712
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 21.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 53.010 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 75 Resp: 203487
Ion Ratio Lower Upper
75 100
110 34.5 18.7 56.1
77 31.1 24.6 37.0





#37

Ethyl Acetate

Concen: 45.428 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.007 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

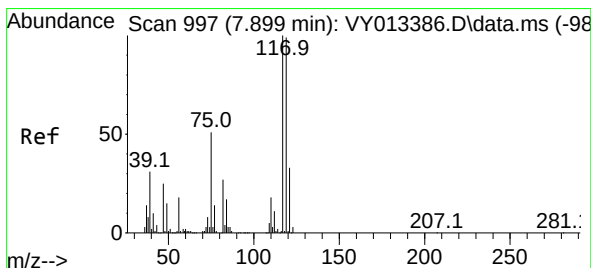
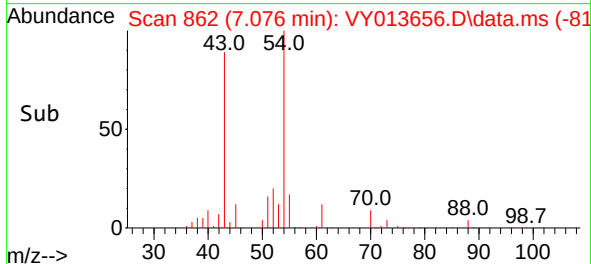
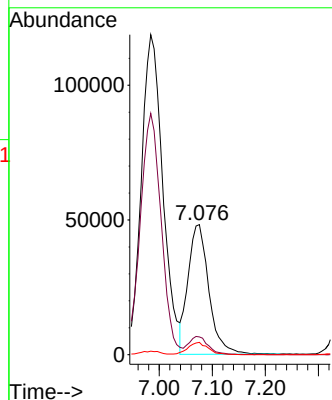
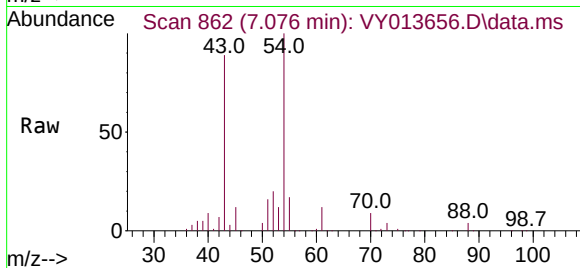
Tgt Ion: 43 Resp: 131230

Ion Ratio Lower Upper

43 100

61 12.8 11.4 17.0

70 9.2 7.9 11.9



#38

Carbon Tetrachloride

Concen: 55.352 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

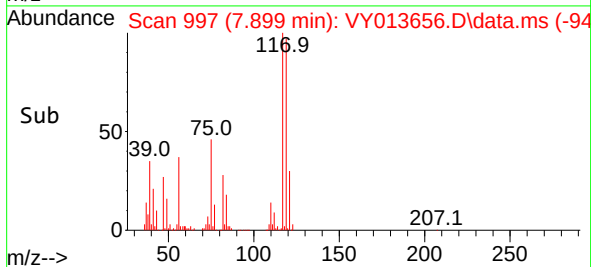
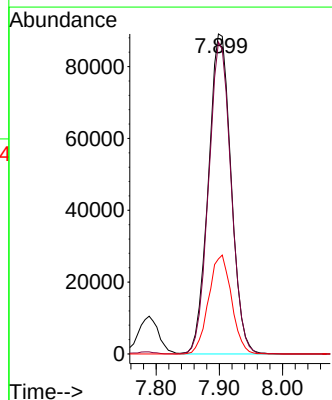
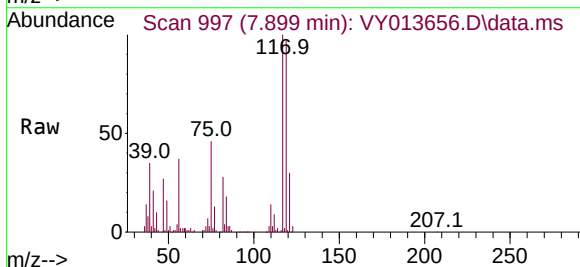
Tgt Ion: 117 Resp: 222702

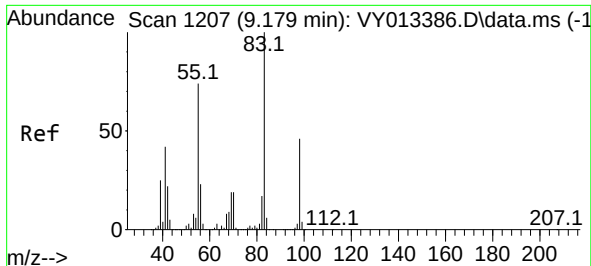
Ion Ratio Lower Upper

117 100

119 97.4 79.0 118.6

121 29.7 26.6 40.0





#39

Methylcyclohexane

Concen: 51.557 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

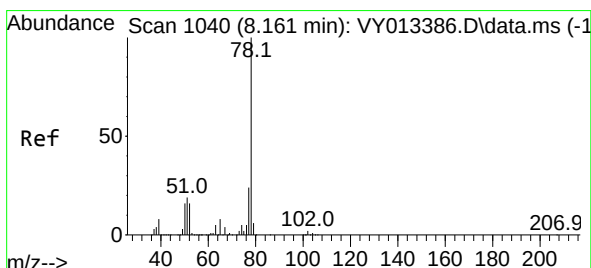
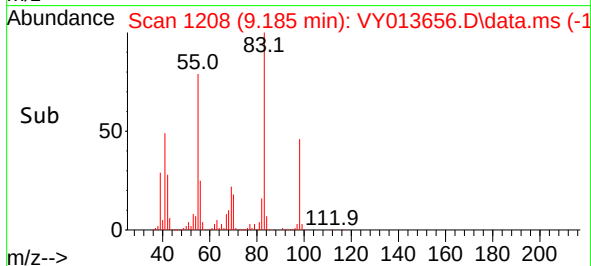
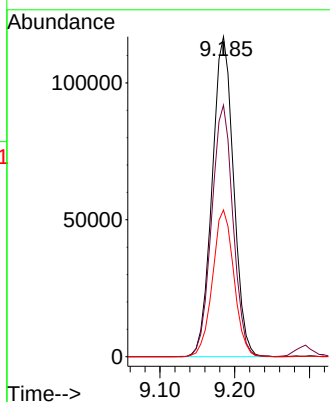
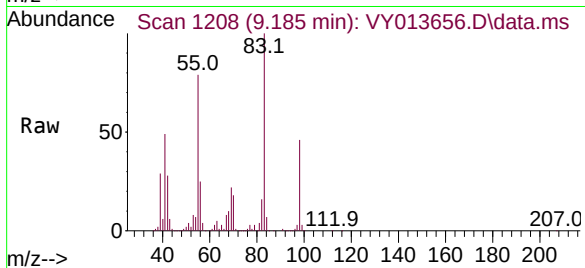
Tgt Ion: 83 Resp: 233316

Ion Ratio Lower Upper

83 100

55 78.5 59.0 88.4

98 45.9 37.0 55.4



#40

Benzene

Concen: 53.939 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013656.D

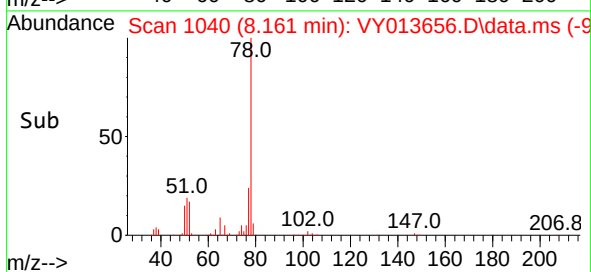
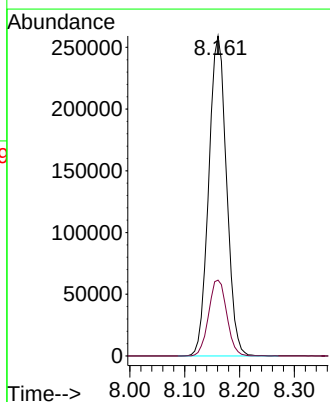
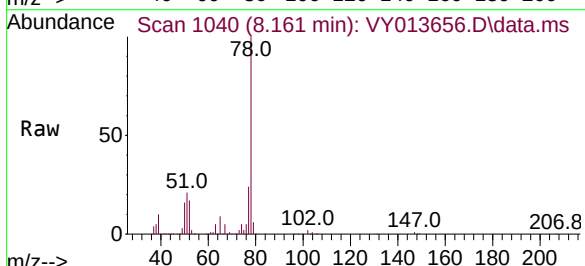
Acq: 09 May 2023 09:54

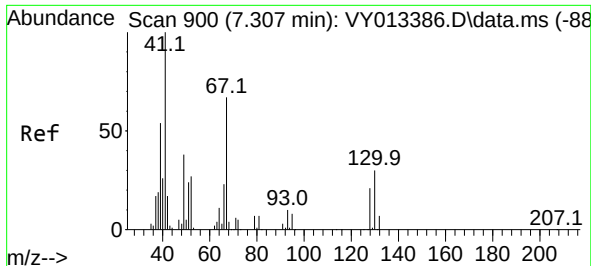
Tgt Ion: 78 Resp: 583249

Ion Ratio Lower Upper

78 100

77 23.7 19.2 28.8

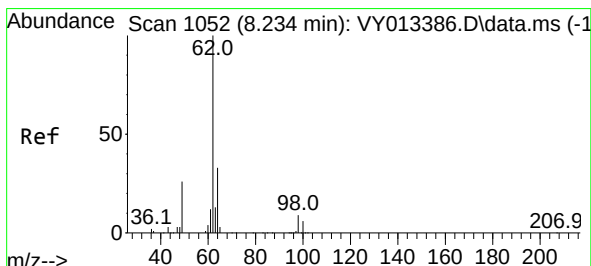
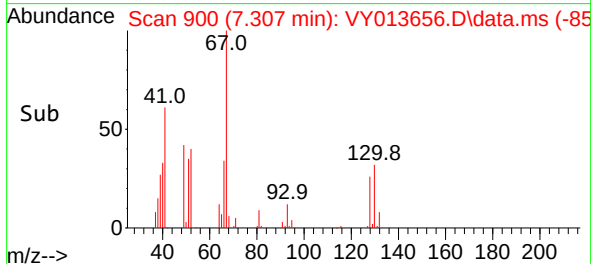
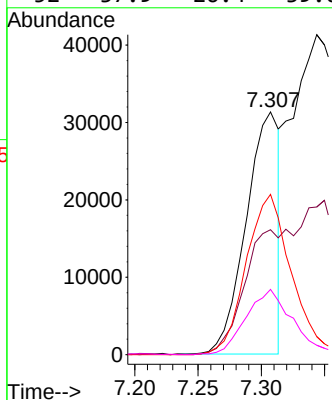
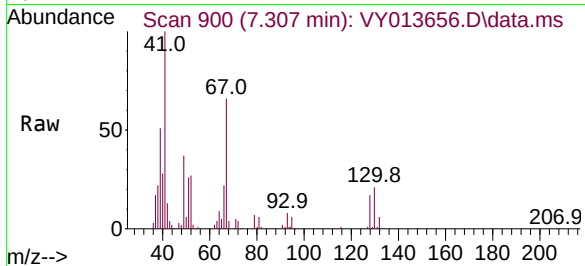




#41
Methacrylonitrile
Concen: 42.645 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

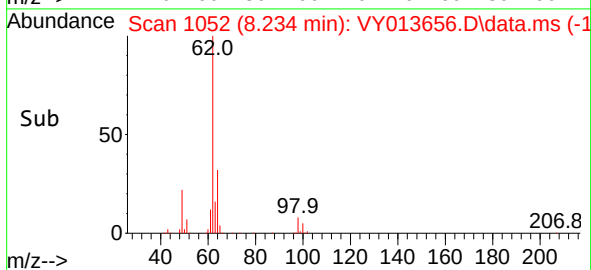
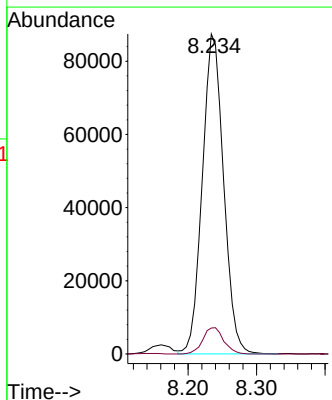
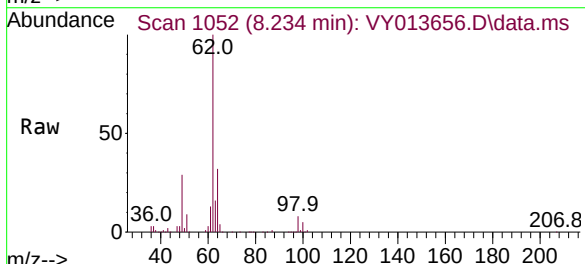
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

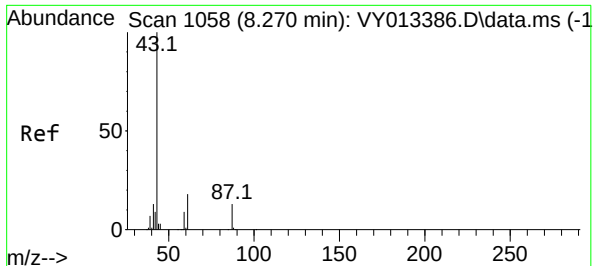
Tgt Ion:	41	Resp:	57406
Ion	Ratio	Lower	Upper
41	100		
39	54.8	44.2	66.4
67	90.3	62.9	94.3
52	37.9	26.4	39.6



#42
1,2-Dichloroethane
Concen: 53.401 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion:	62	Resp:	188779
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.8





#43

Isopropyl Acetate

Concen: 49.163 ug/l

RT: 8.270 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

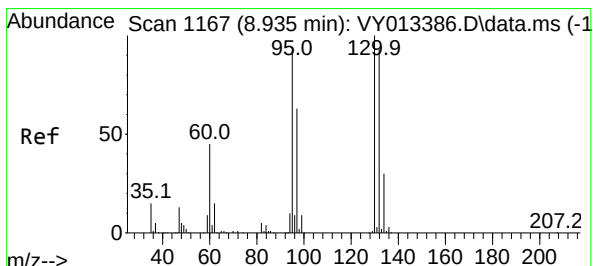
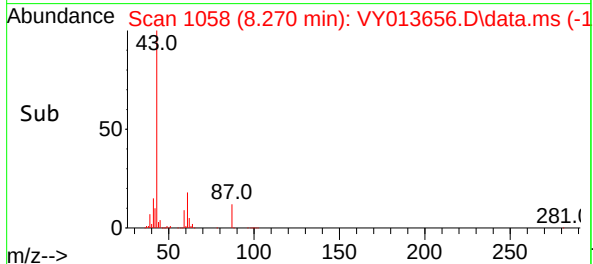
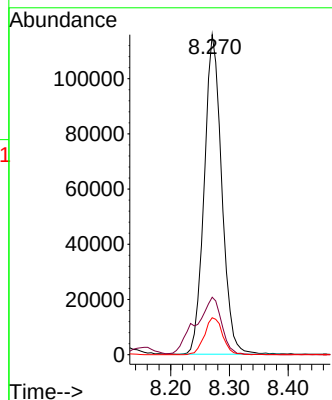
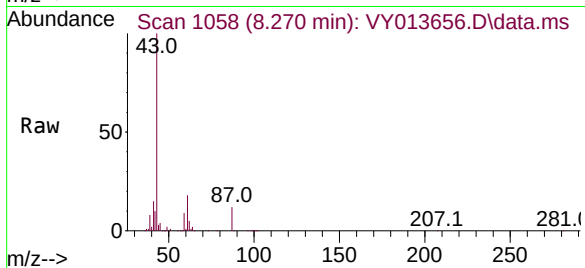
Tgt Ion: 43 Resp: 239711

Ion Ratio Lower Upper

43 100

61 26.8 22.2 33.4

87 12.0 11.0 16.6



#44

Trichloroethene

Concen: 53.521 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013656.D

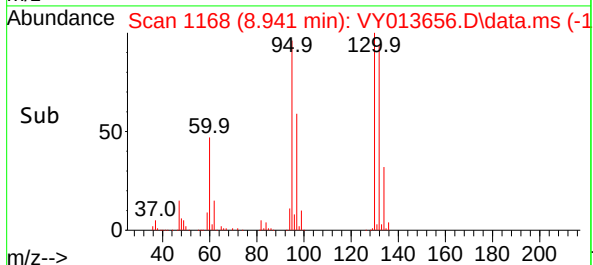
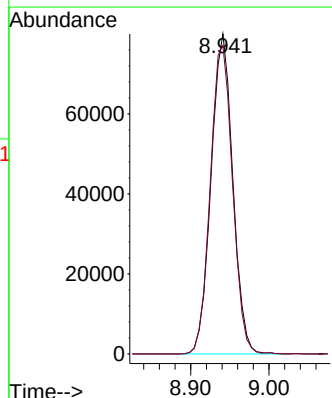
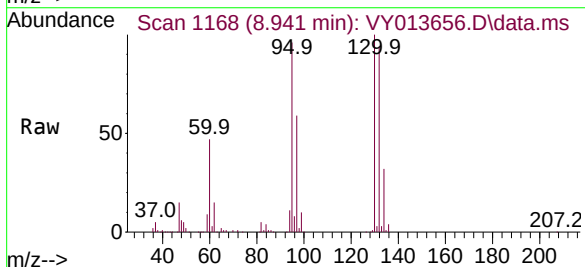
Acq: 09 May 2023 09:54

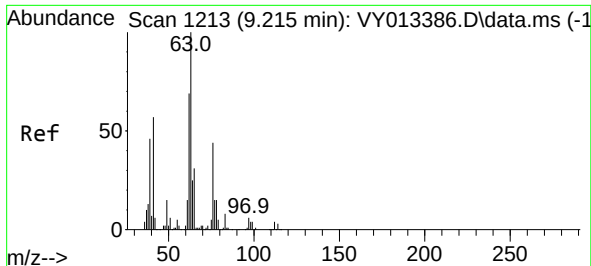
Tgt Ion:130 Resp: 153940

Ion Ratio Lower Upper

130 100

95 96.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 54.167 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

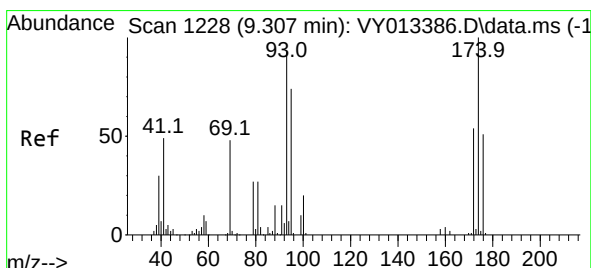
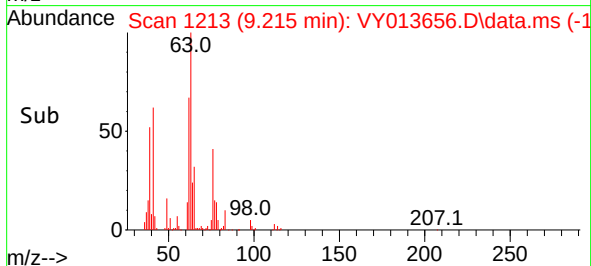
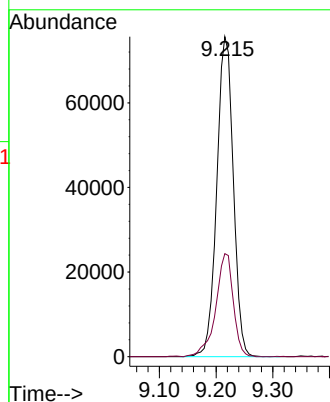
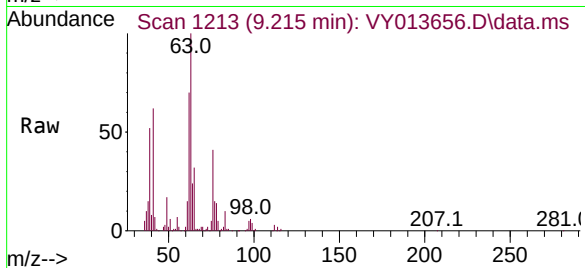
VSTDCCC050

Tgt Ion: 63 Resp: 153143

Ion Ratio Lower Upper

63 100

65 32.1 24.6 37.0



#46

Dibromomethane

Concen: 52.507 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

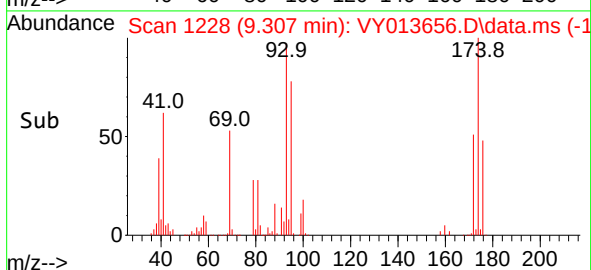
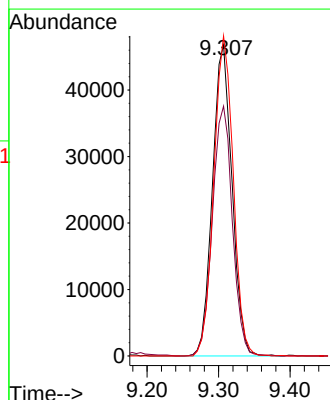
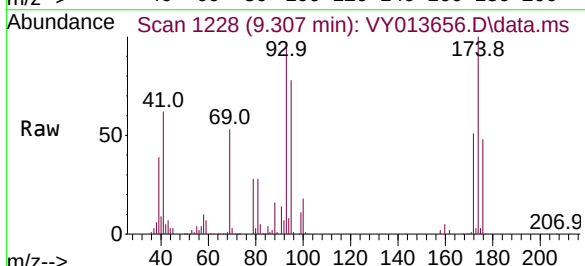
Tgt Ion: 93 Resp: 88823

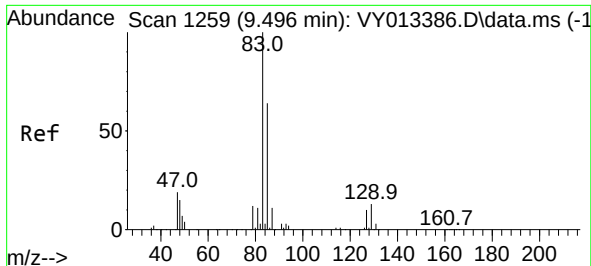
Ion Ratio Lower Upper

93 100

95 82.1 67.1 100.7

174 102.2 87.0 130.4





#47

Bromodichloromethane

Concen: 56.152 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

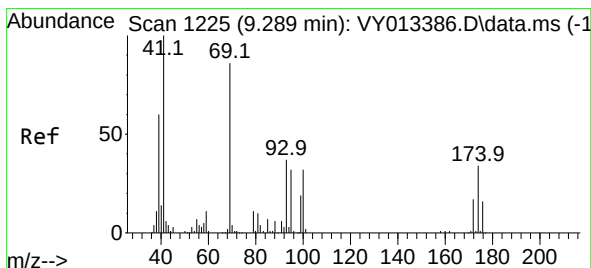
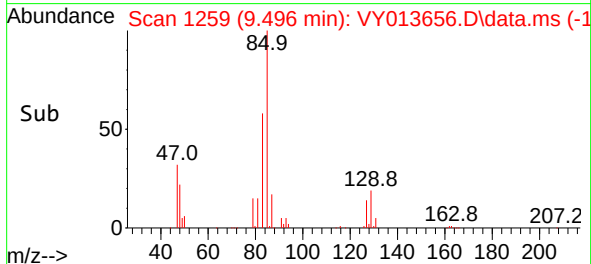
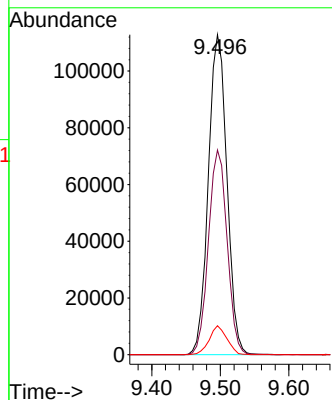
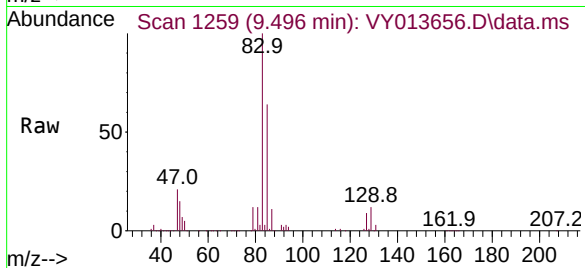
Tgt Ion: 83 Resp: 212551

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.2

127 9.1 8.1 12.1



#48

Methyl methacrylate

Concen: 51.091 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

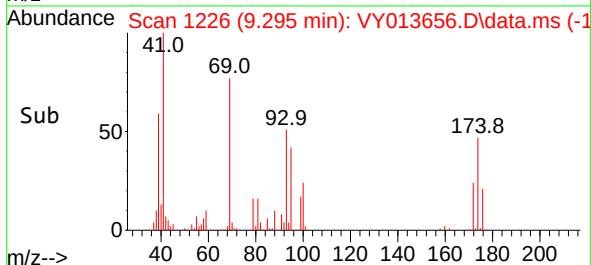
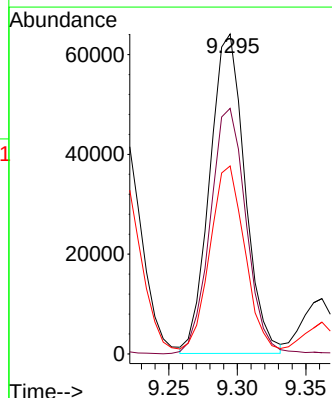
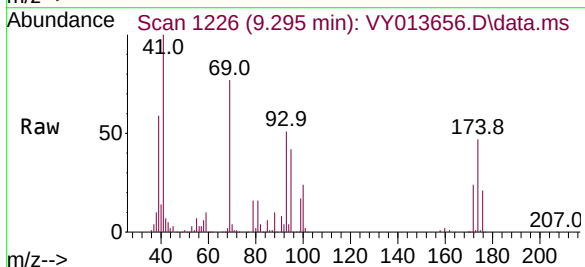
Tgt Ion: 41 Resp: 114410

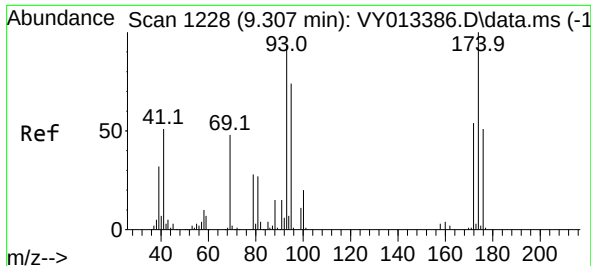
Ion Ratio Lower Upper

41 100

69 79.0 70.2 105.4

39 56.1 47.9 71.9





#49

1,4-Dioxane

Concen: 944.487 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

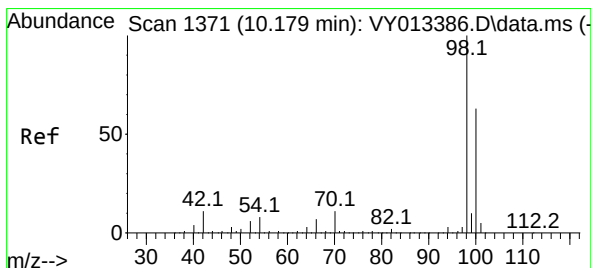
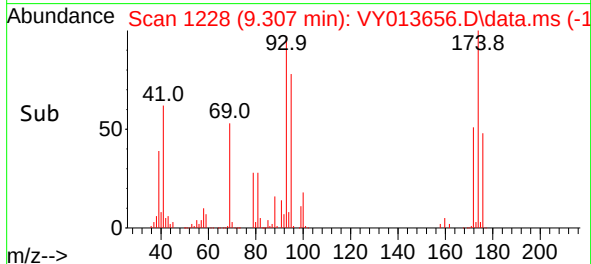
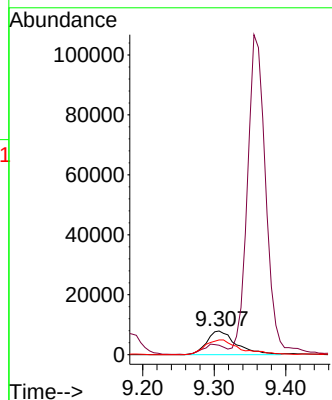
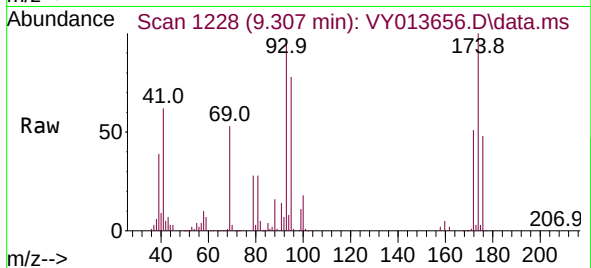
Tgt Ion: 88 Resp: 22819

Ion Ratio Lower Upper

88 100

43 31.1 16.8 25.2#

58 73.0 54.3 81.5



#50

Toluene-d8

Concen: 49.826 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013656.D

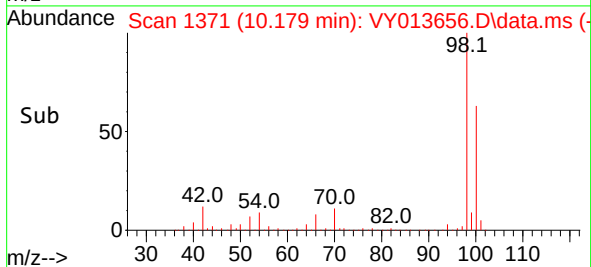
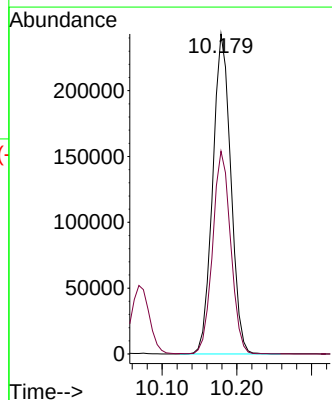
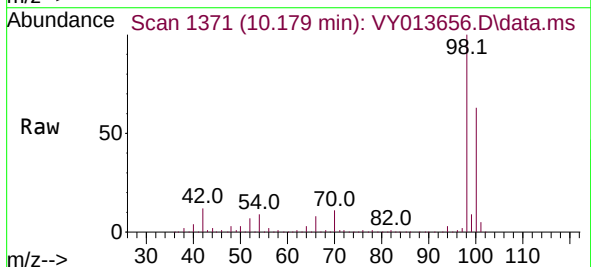
Acq: 09 May 2023 09:54

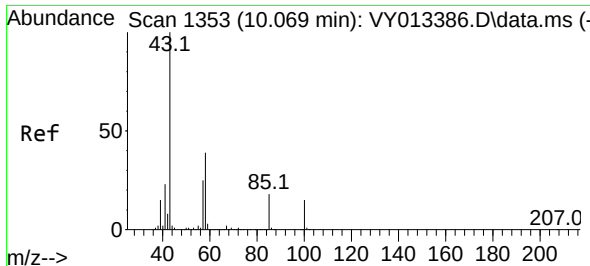
Tgt Ion: 98 Resp: 409971

Ion Ratio Lower Upper

98 100

100 63.2 50.5 75.7

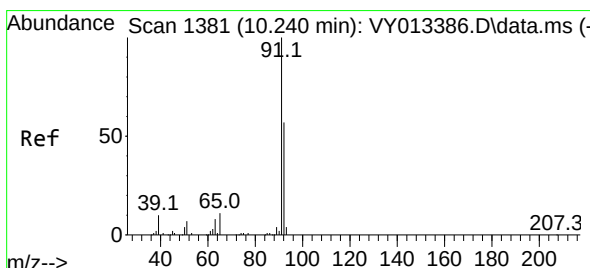
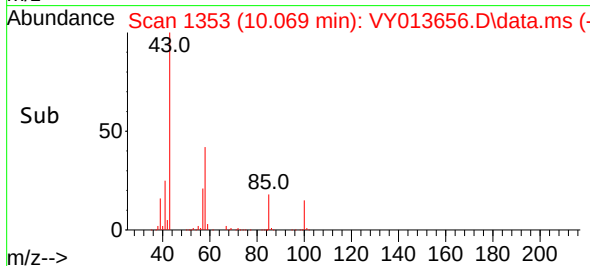
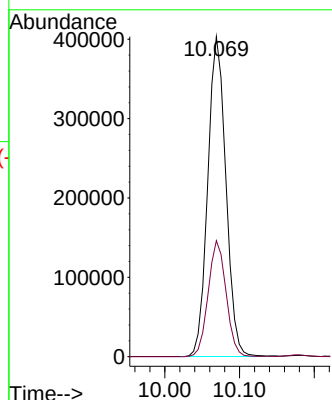
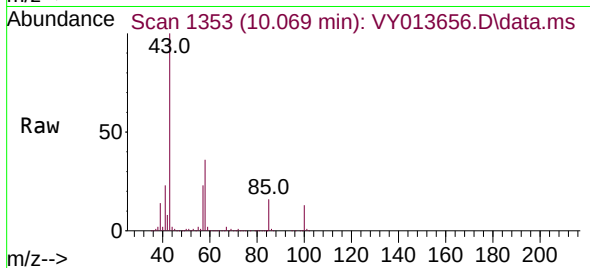




#51
4-Methyl-2-Pentanone
Concen: 249.963 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

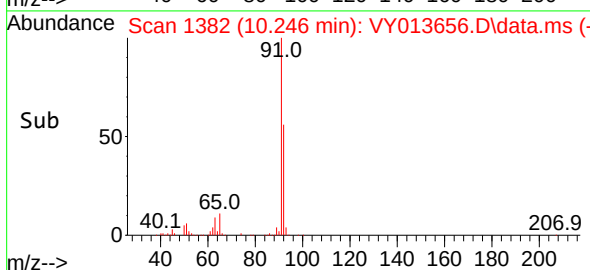
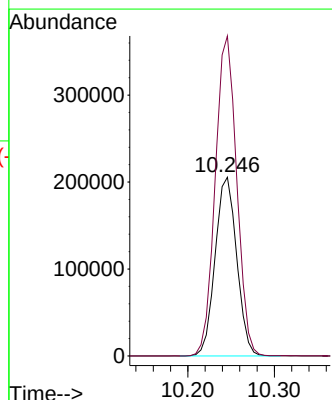
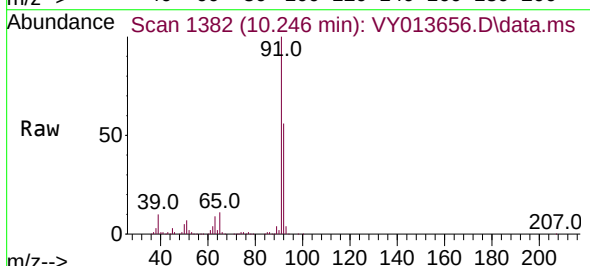
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

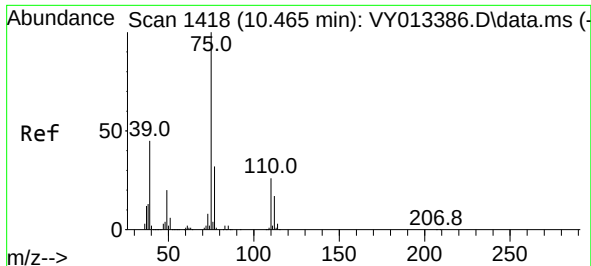
Tgt Ion: 43 Resp: 679164
Ion Ratio Lower Upper
43 100
58 35.9 30.6 46.0



#52
Toluene
Concen: 54.695 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 92 Resp: 355902
Ion Ratio Lower Upper
92 100
91 178.1 140.2 210.4

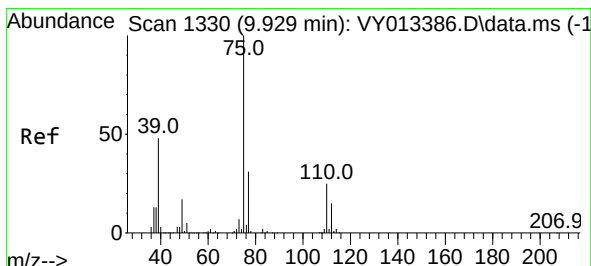
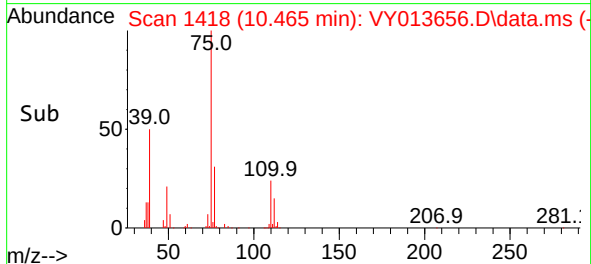
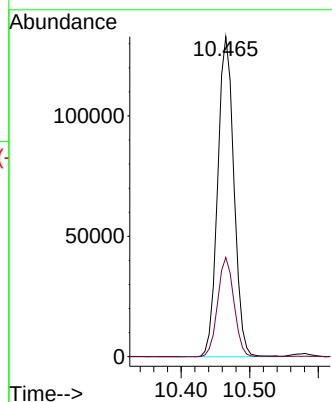
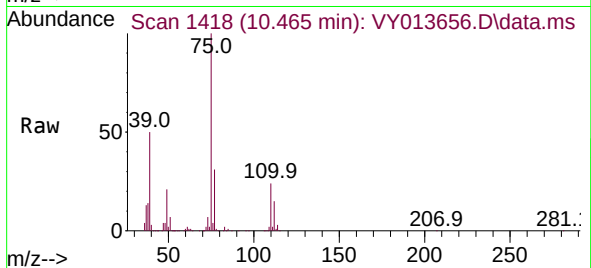




#53
t-1,3-Dichloropropene
Concen: 54.376 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

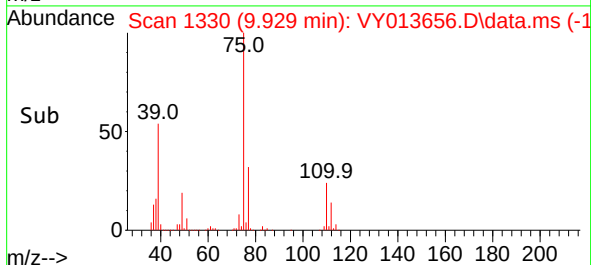
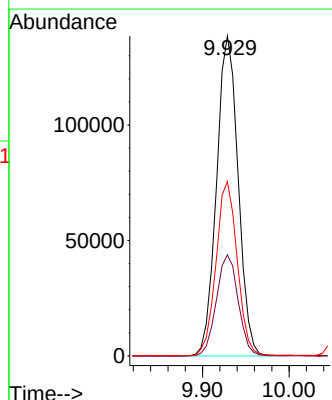
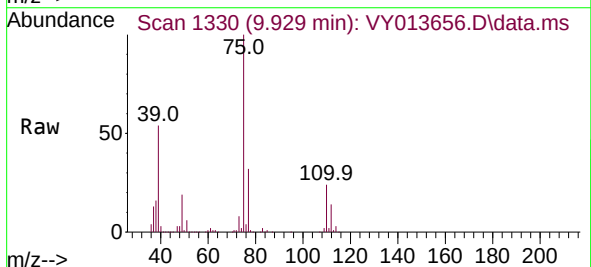
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

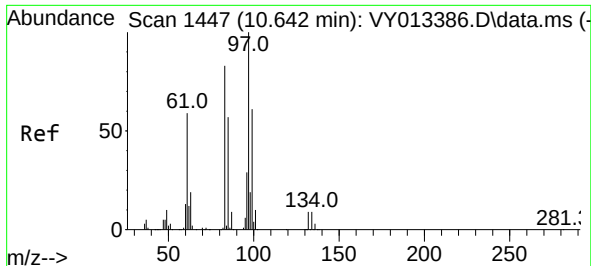
Tgt Ion: 75 Resp: 217838
Ion Ratio Lower Upper
75 100
77 31.0 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 53.254 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 75 Resp: 240059
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 54.4 38.1 57.1

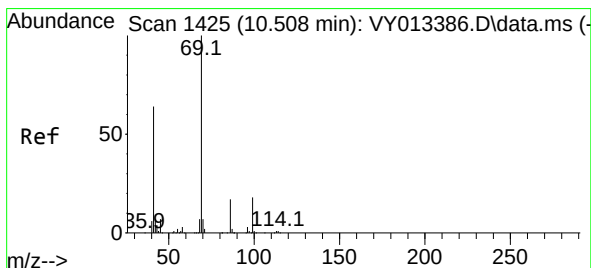
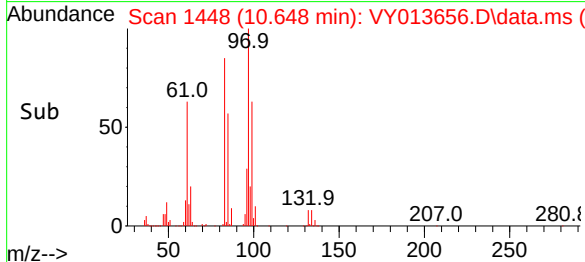
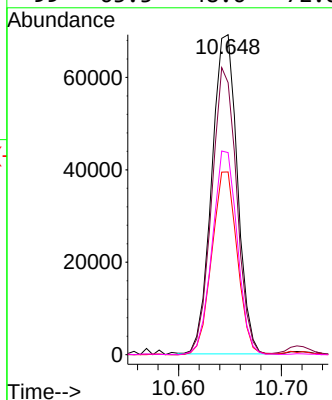
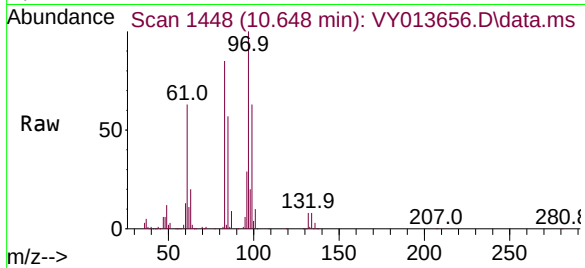




#55
1,1,2-Trichloroethane
Concen: 53.374 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

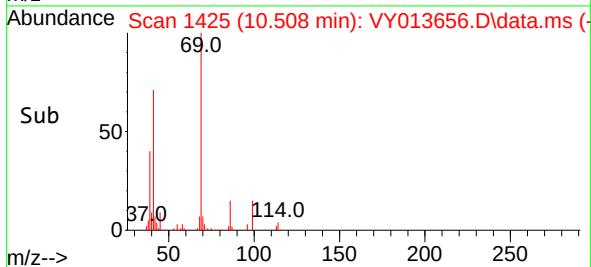
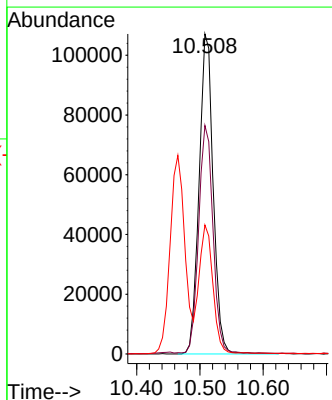
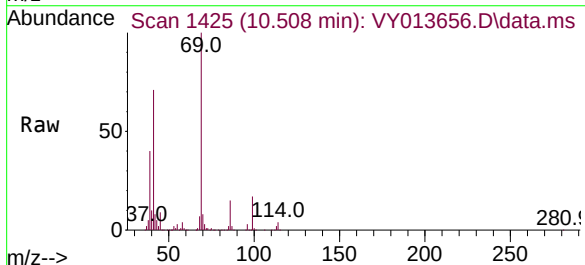
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

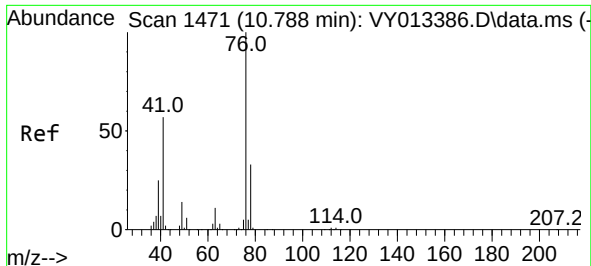
Tgt Ion: 97	Resp: 119571
Ion Ratio	Lower Upper
97 100	
83 85.2	66.4 99.6
85 57.2	45.6 68.4
99 63.3	48.6 72.8



#56
Ethyl methacrylate
Concen: 53.625 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 69	Resp: 166664
Ion Ratio	Lower Upper
69 100	
41 72.0	51.4 77.0
39 38.5	29.0 43.6





#57

1,3-Dichloropropane

Concen: 53.412 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

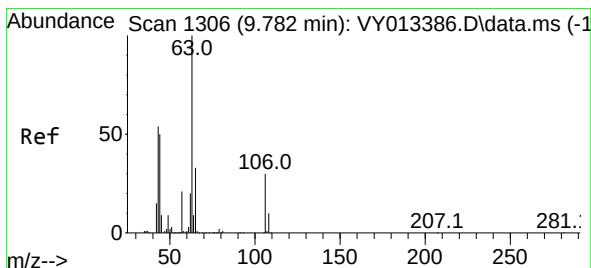
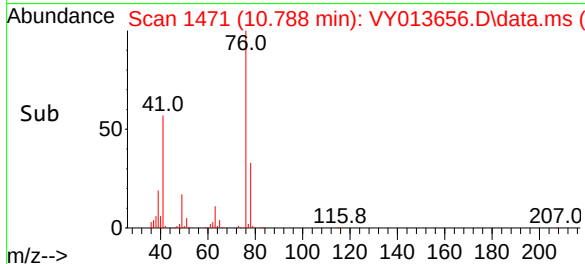
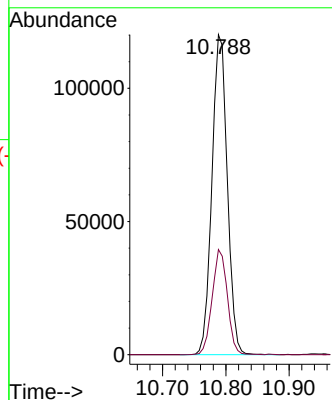
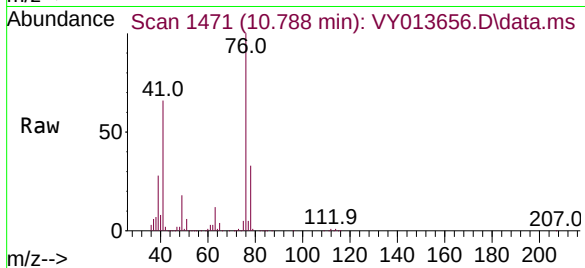
VSTDCCC050

Tgt Ion: 76 Resp: 202647

Ion Ratio Lower Upper

76 100

78 32.4 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 235.812 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013656.D

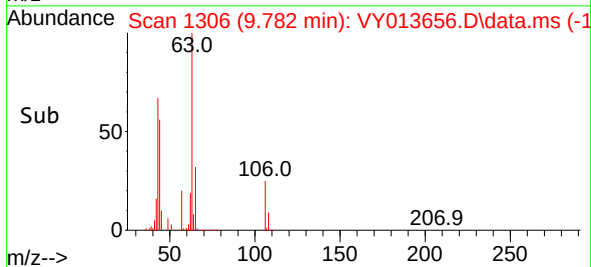
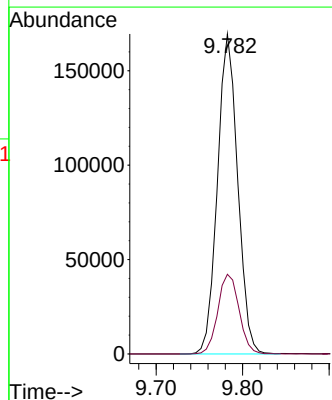
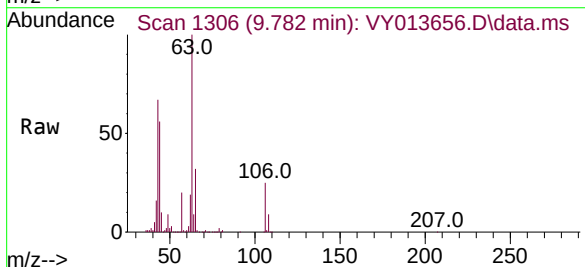
Acq: 09 May 2023 09:54

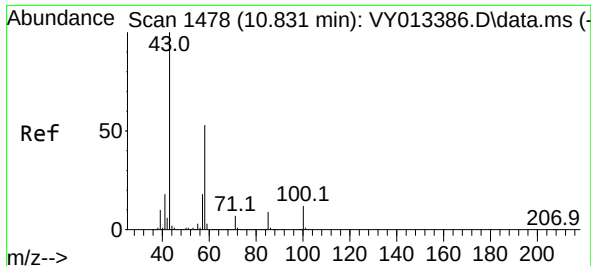
Tgt Ion: 63 Resp: 274826

Ion Ratio Lower Upper

63 100

106 26.1 23.5 35.3

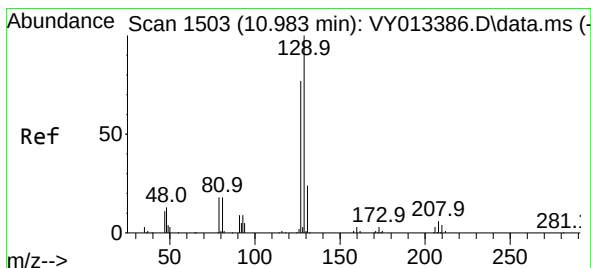
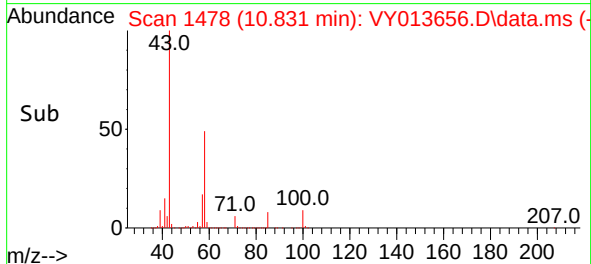
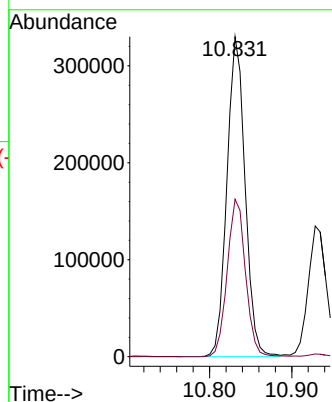
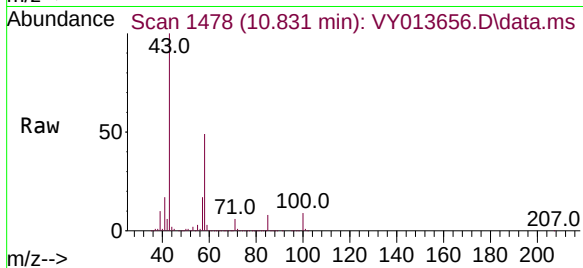




#59
2-Hexanone
Concen: 255.467 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

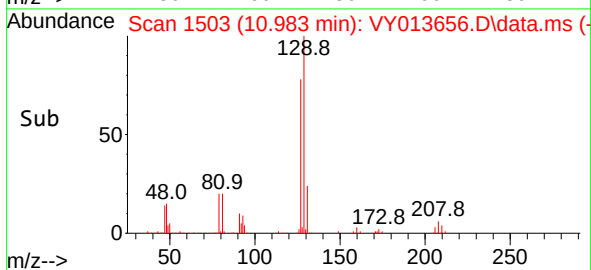
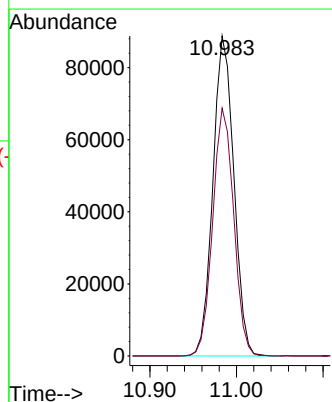
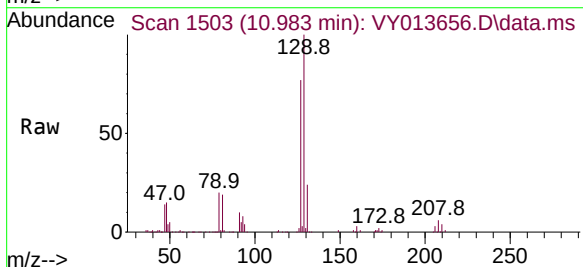
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

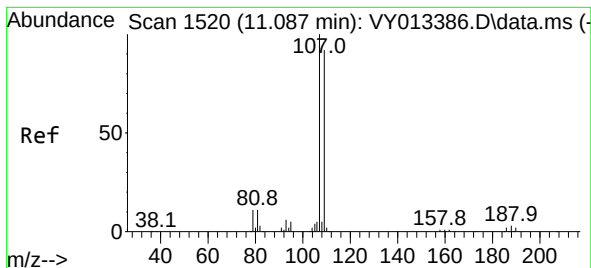
Tgt Ion: 43 Resp: 504569
Ion Ratio Lower Upper
43 100
58 49.7 26.3 78.8



#60
Dibromochloromethane
Concen: 54.727 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 129 Resp: 148865
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1

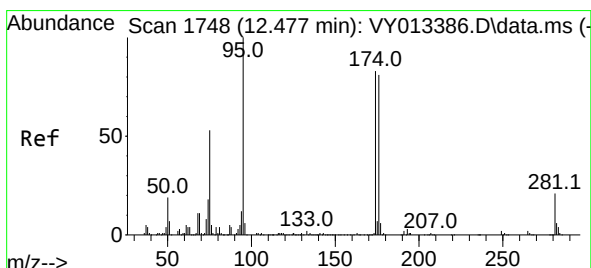
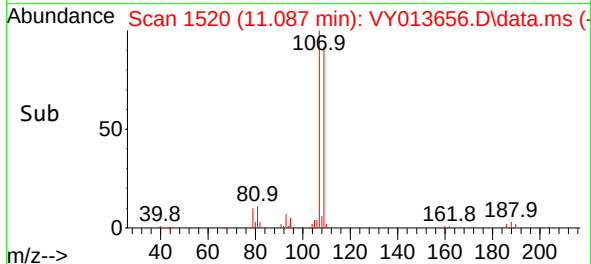
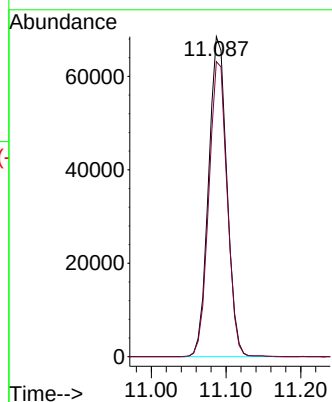
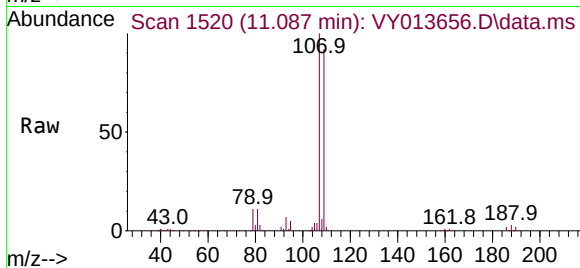




#61
1,2-Dibromoethane
Concen: 52.820 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

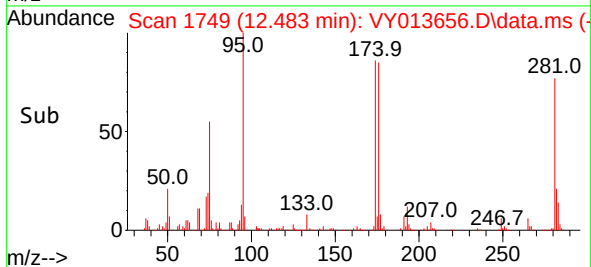
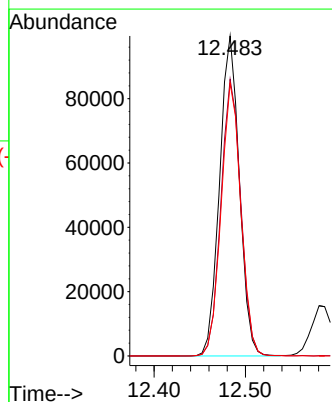
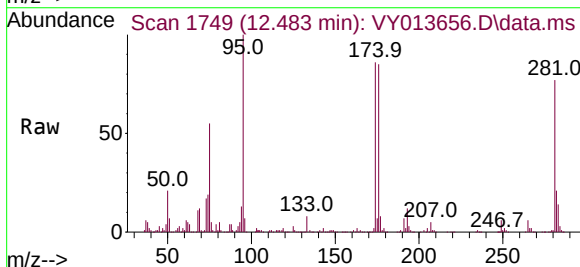
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

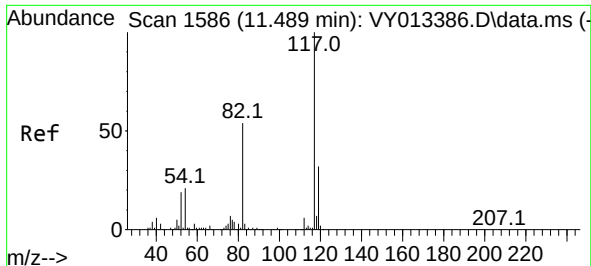
Tgt Ion:107 Resp: 116337
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 95 Resp: 149870
Ion Ratio Lower Upper
95 100
174 86.9 0.0 182.0
176 85.1 0.0 175.4

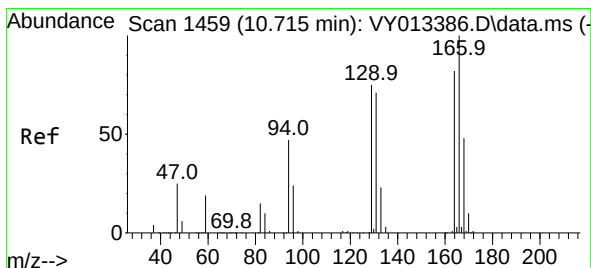
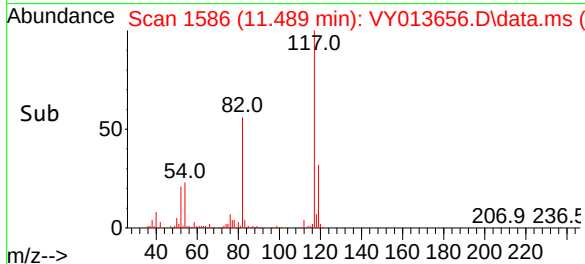
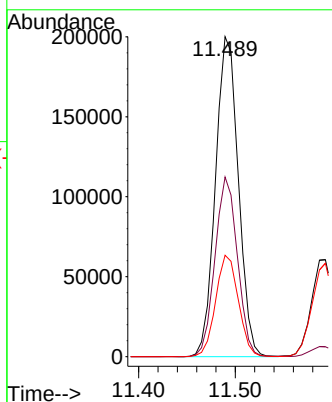
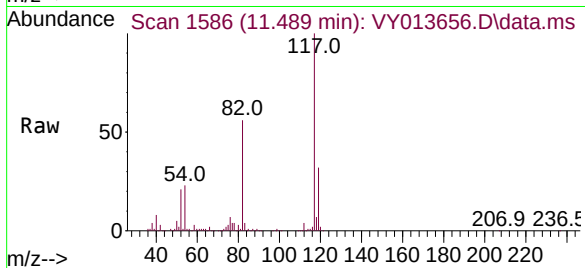




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

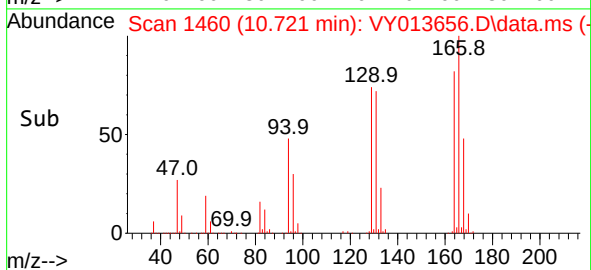
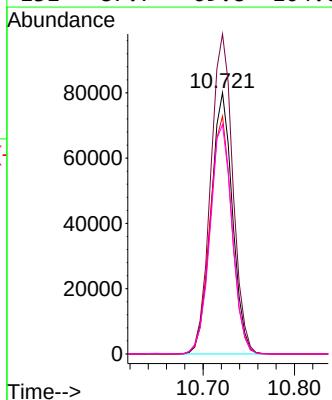
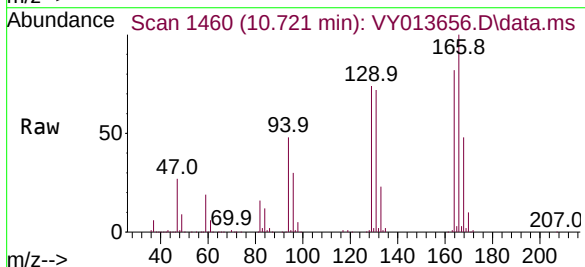
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

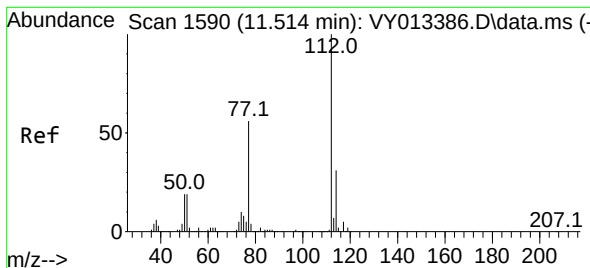
Tgt Ion:117 Resp: 328779
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.6
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 52.481 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion:164 Resp: 131206
Ion Ratio Lower Upper
164 100
166 122.4 97.5 146.3
129 91.0 72.6 109.0
131 87.7 69.8 104.6





#65

Chlorobenzene

Concen: 53.209 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.006 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

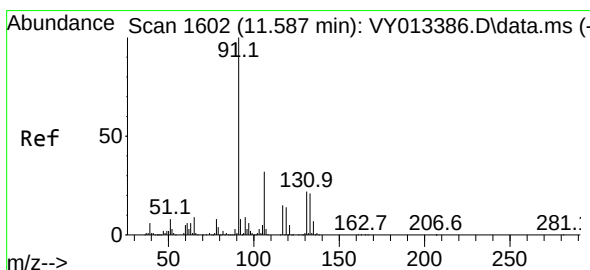
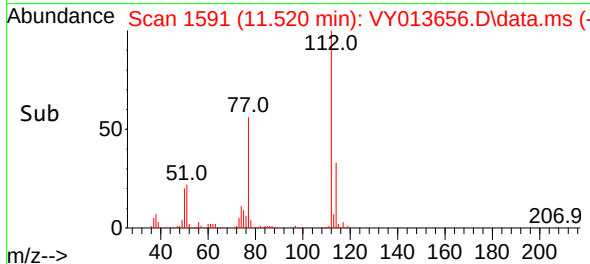
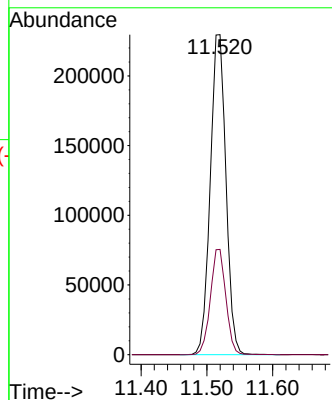
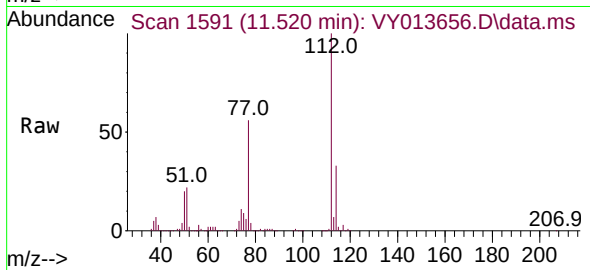
VSTDCCC050

Tgt Ion:112 Resp: 381083

Ion Ratio Lower Upper

112 100

114 32.9 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 54.847 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

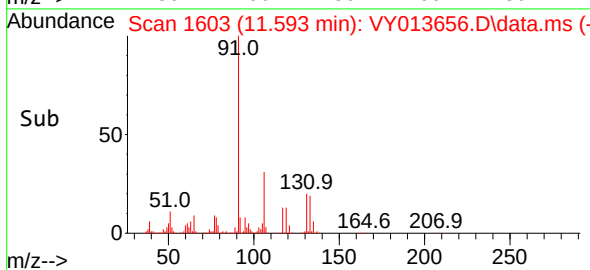
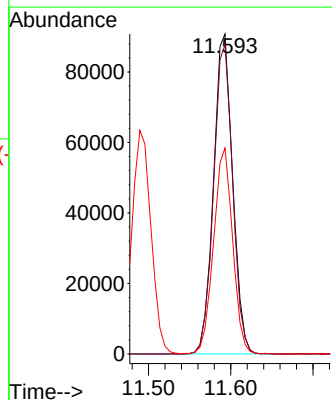
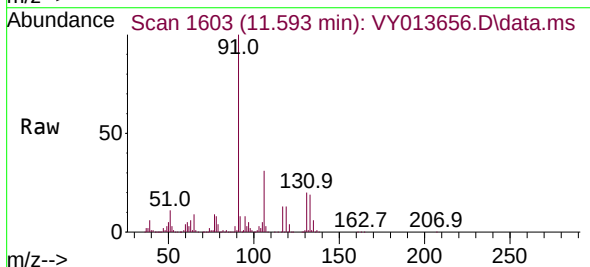
Tgt Ion:131 Resp: 146913

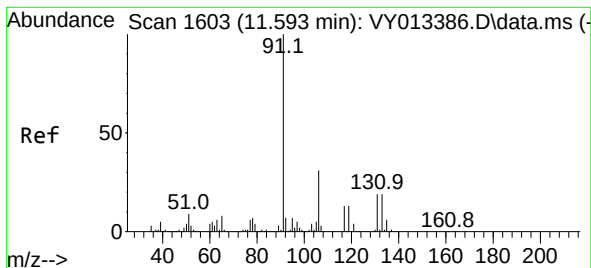
Ion Ratio Lower Upper

131 100

133 96.6 47.7 143.1

119 64.3 32.6 98.0





#67

Ethyl Benzene

Concen: 54.711 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

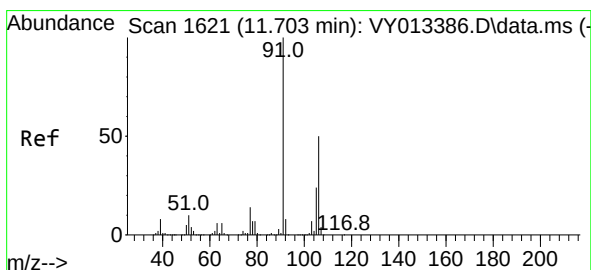
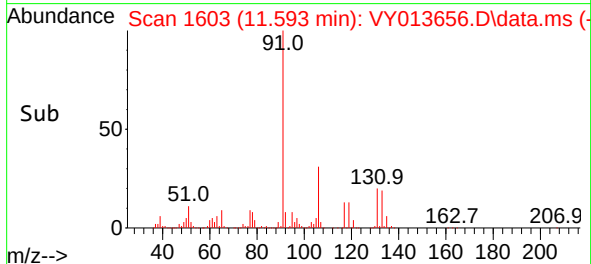
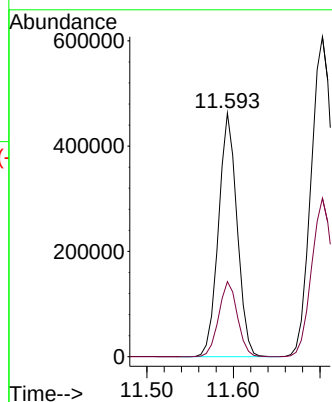
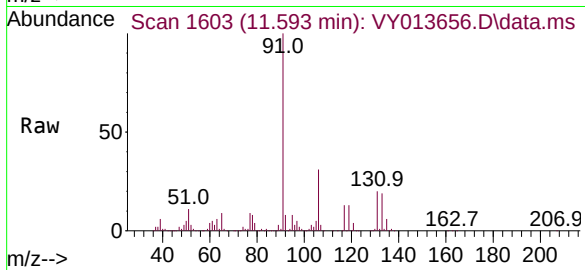
VSTDCCC050

Tgt Ion: 91 Resp: 688074

Ion Ratio Lower Upper

91 100

106 30.8 25.1 37.7



#68

m/p-Xylenes

Concen: 109.550 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013656.D

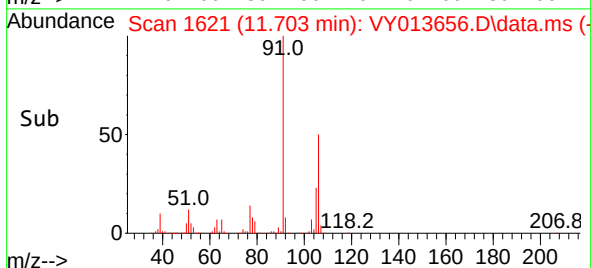
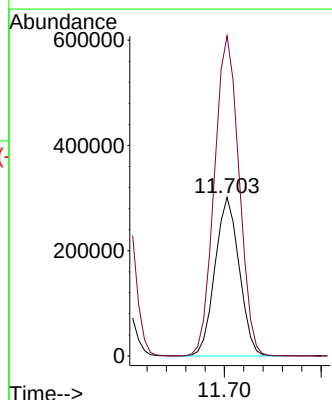
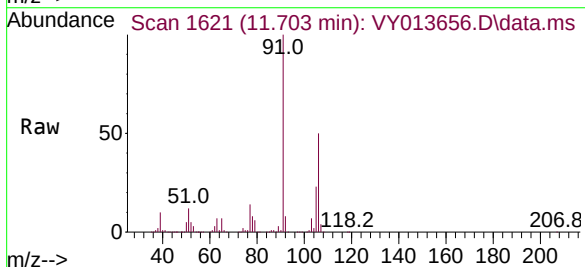
Acq: 09 May 2023 09:54

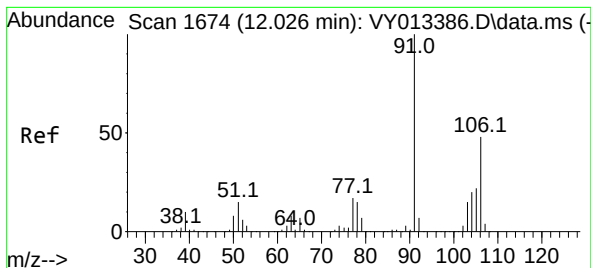
Tgt Ion:106 Resp: 523762

Ion Ratio Lower Upper

106 100

91 206.1 160.9 241.3





#69

o-Xylene

Concen: 53.906 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

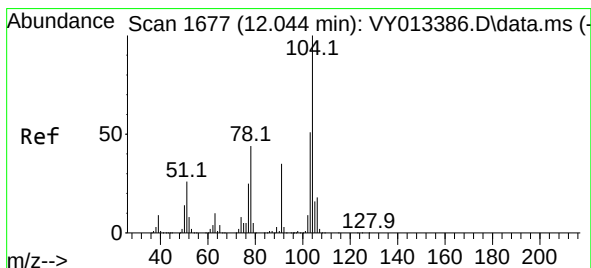
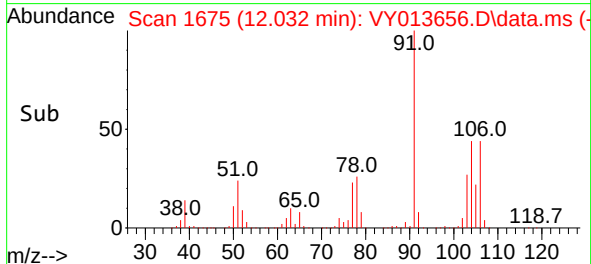
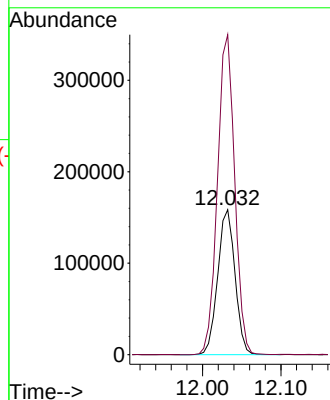
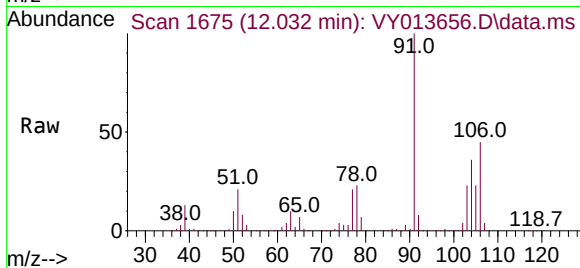
VSTDCCC050

Tgt Ion:106 Resp: 243744

Ion Ratio Lower Upper

106 100

91 219.5 105.5 316.4



#70

Styrene

Concen: 55.775 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

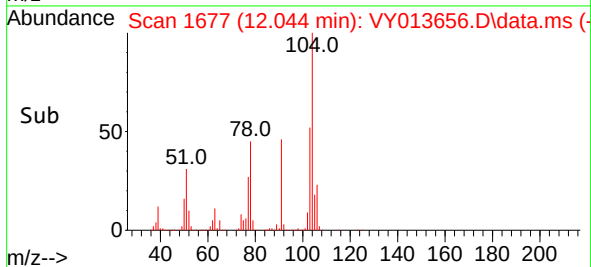
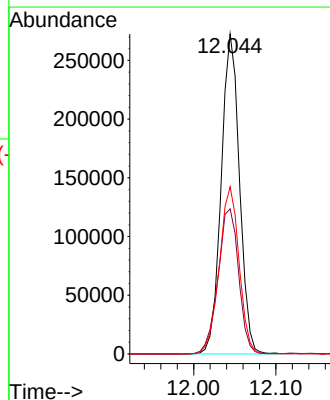
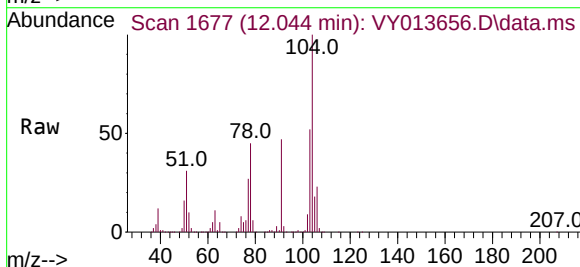
Tgt Ion:104 Resp: 421679

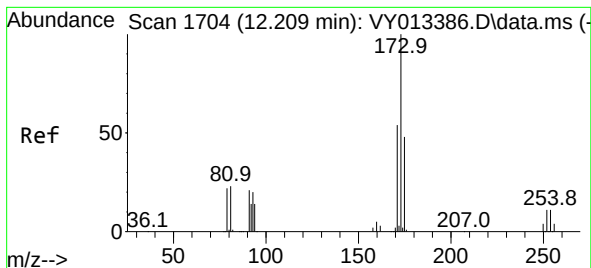
Ion Ratio Lower Upper

104 100

78 51.2 40.3 60.5

103 56.4 45.0 67.4





#71

Bromoform

Concen: 52.937 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

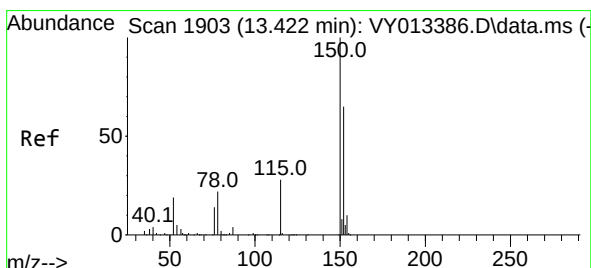
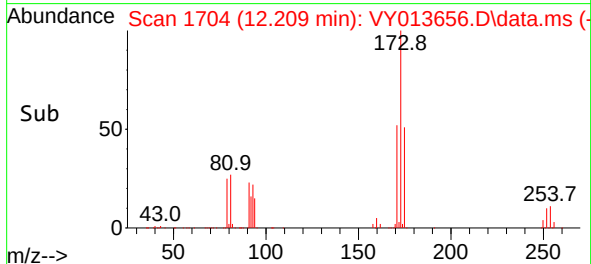
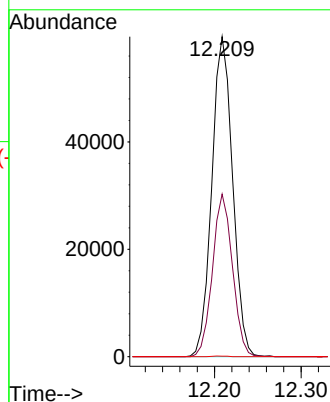
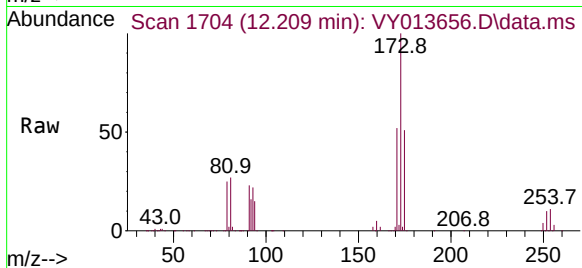
Tgt Ion:173 Resp: 99321

Ion Ratio Lower Upper

173 100

175 48.9 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: VY013656.D

Acq: 09 May 2023 09:54

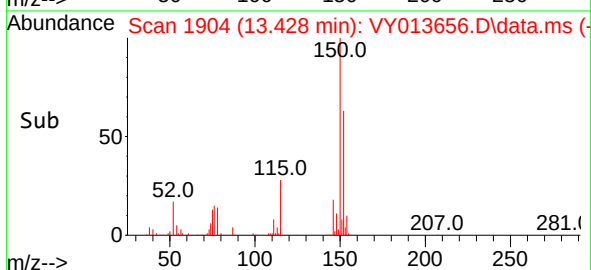
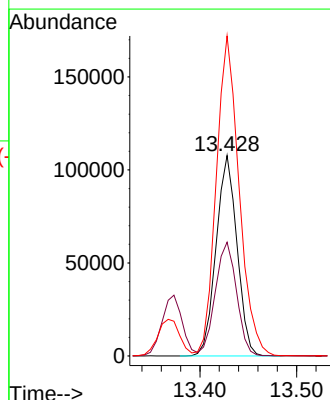
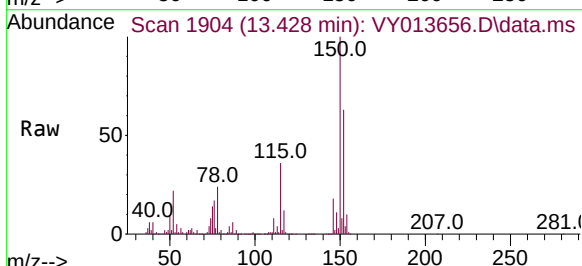
Tgt Ion:152 Resp: 161251

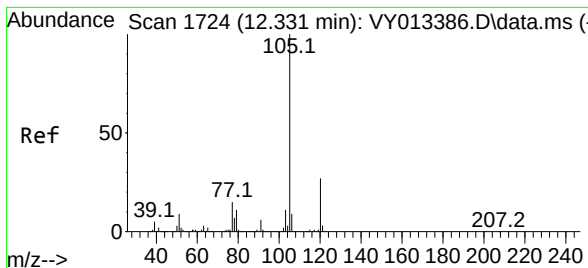
Ion Ratio Lower Upper

152 100

115 57.9 28.1 84.2

150 175.1 0.0 352.0





#73

Isopropylbenzene

Concen: 54.478 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

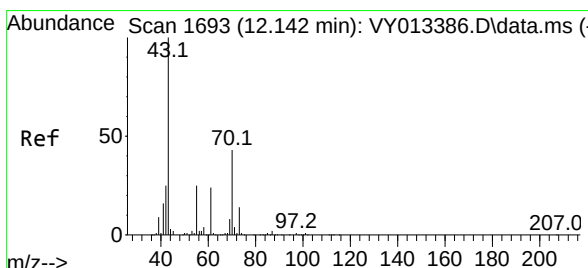
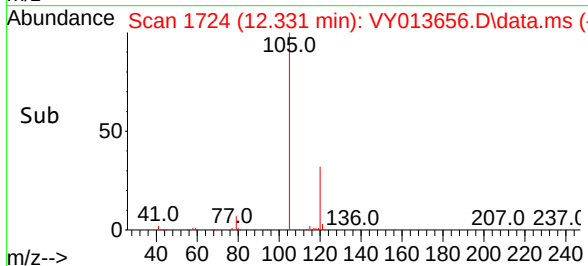
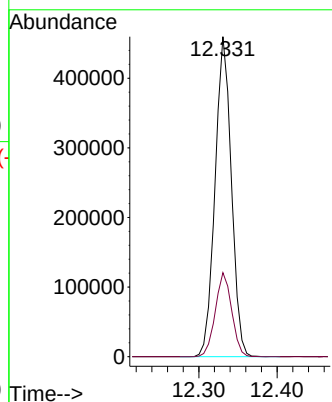
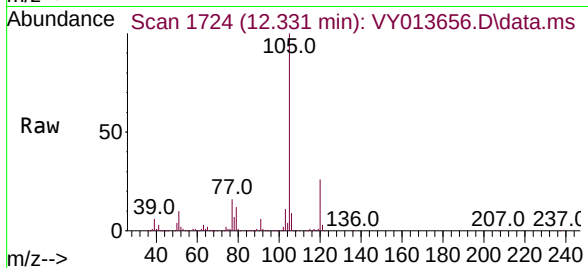
VSTDCCC050

Tgt Ion:105 Resp: 664441

Ion Ratio Lower Upper

105 100

120 26.4 13.7 41.0



#74

N-ethyl acetate

Concen: 48.267 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Tgt Ion: 43 Resp: 209490

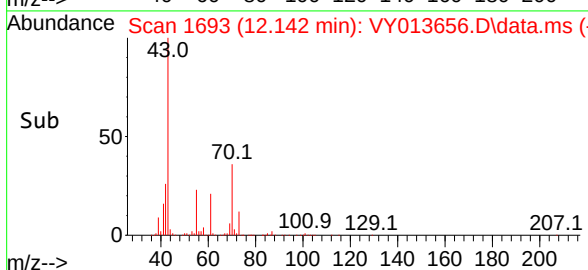
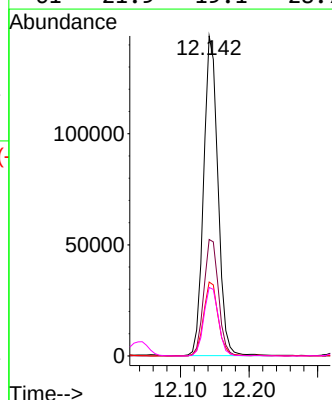
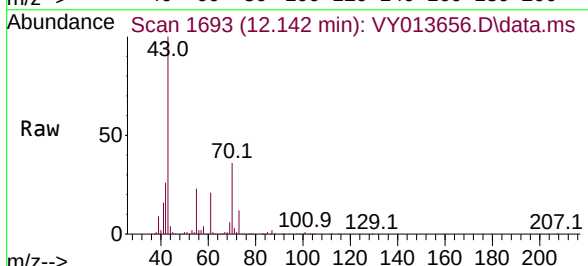
Ion Ratio Lower Upper

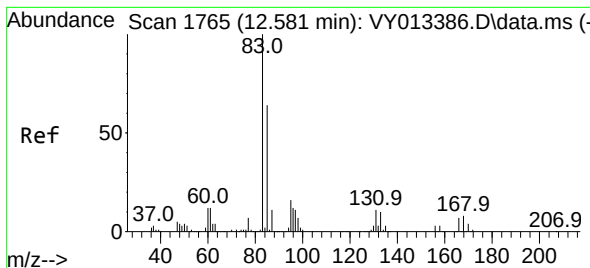
43 100

70 37.3 33.0 49.4

55 23.6 19.8 29.6

61 21.9 19.1 28.7

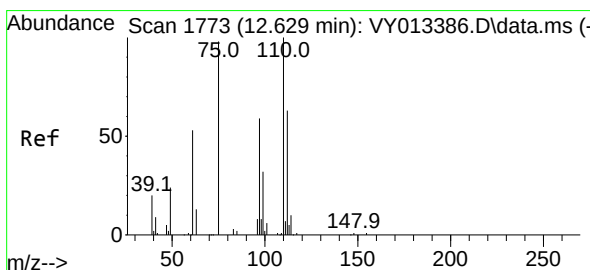
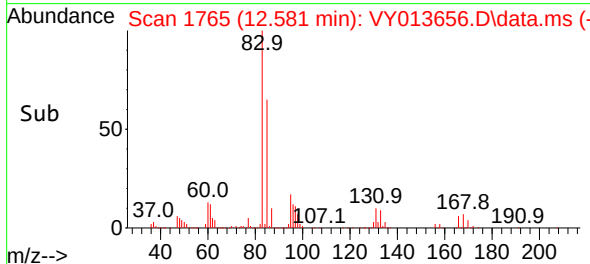
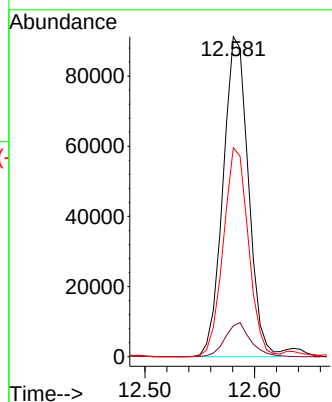
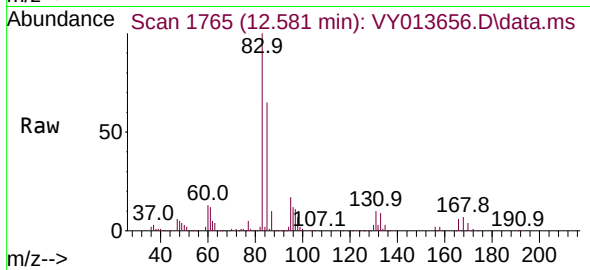




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.168 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY013656.D
 Acq: 09 May 2023 09:54

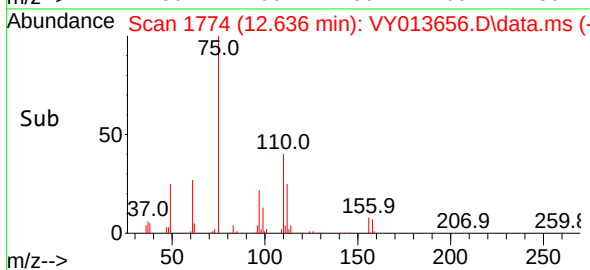
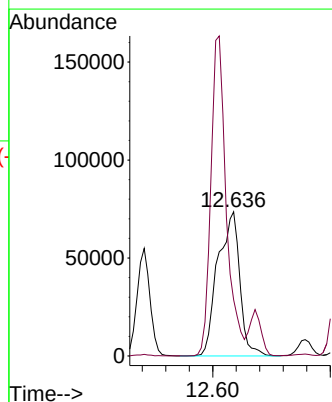
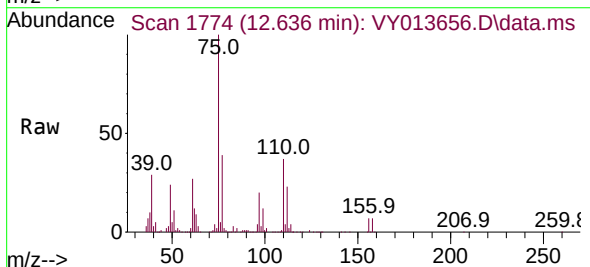
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

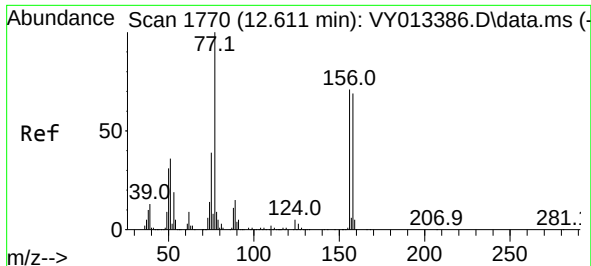
Tgt Ion: 83 Resp: 146578
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.7 17.0
 85 64.8 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 87.970 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.007 min
 Lab File: VY013656.D
 Acq: 09 May 2023 09:54

Tgt Ion: 75 Resp: 191305
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

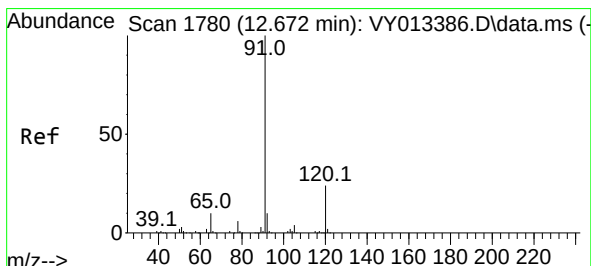
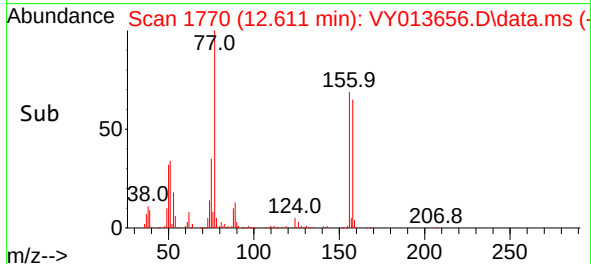
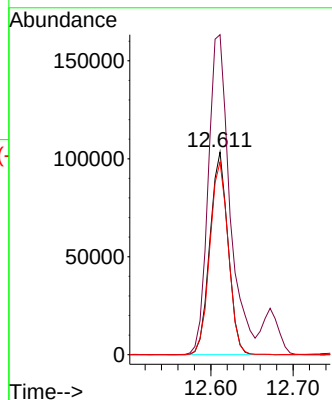
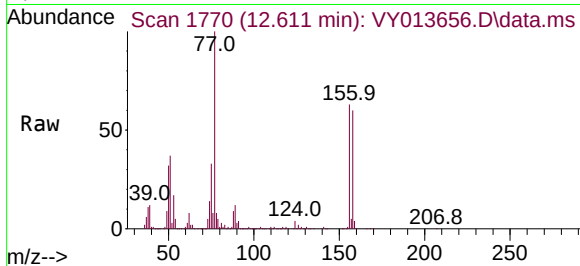




#77
Bromobenzene
Concen: 53.762 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

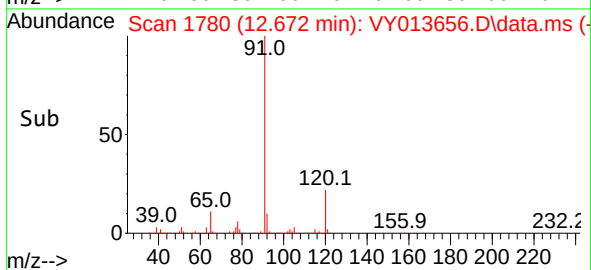
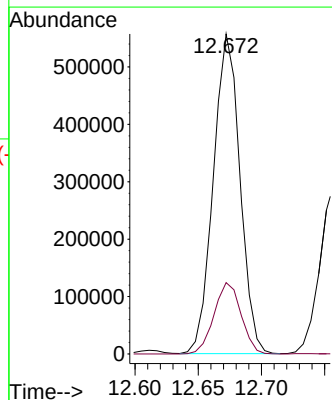
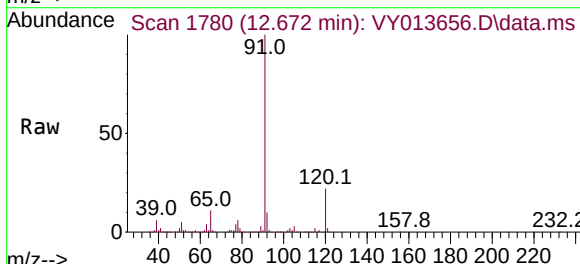
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

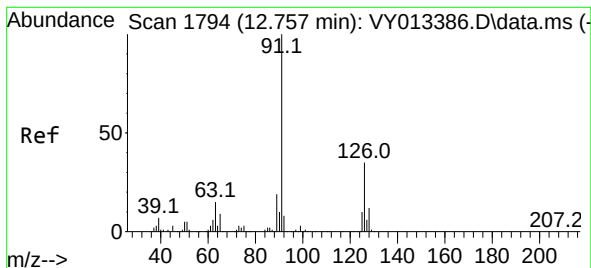
Tgt Ion:156 Resp: 158880
Ion Ratio Lower Upper
156 100
77 187.9 87.6 262.9
158 96.7 48.5 145.5



#78
n-propylbenzene
Concen: 54.232 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 91 Resp: 814711
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9

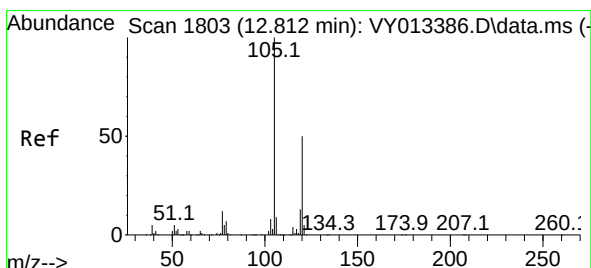
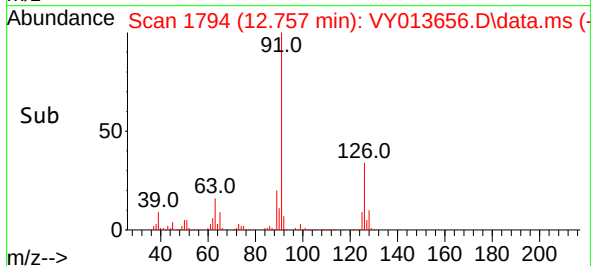
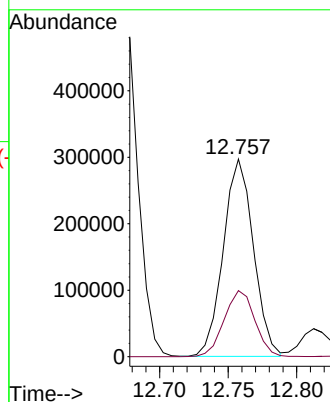
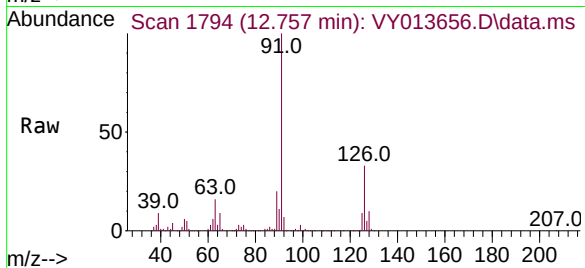




#79
2-Chlorotoluene
Concen: 54.177 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

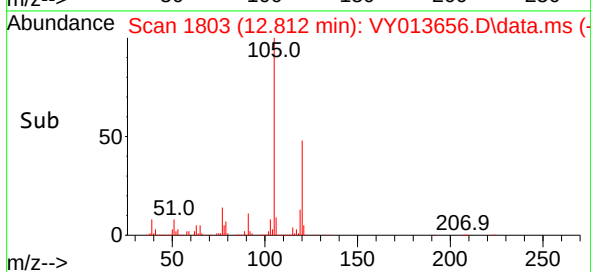
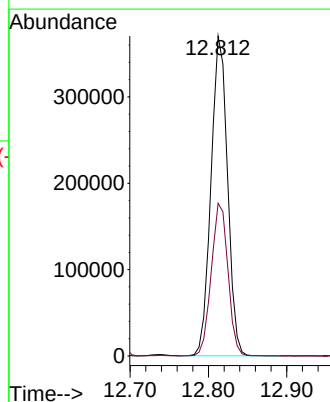
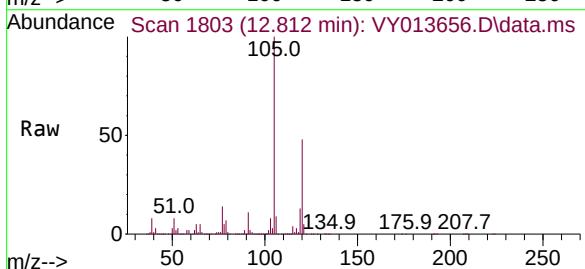
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

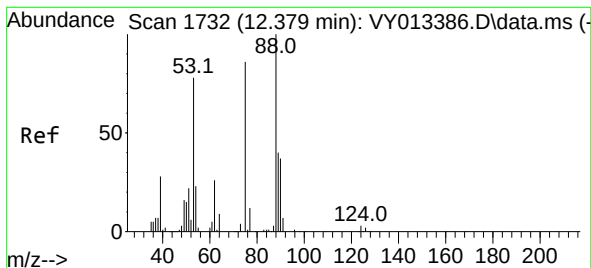
Tgt Ion: 91 Resp: 454494
Ion Ratio Lower Upper
91 100
126 34.1 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 54.510 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 105 Resp: 542625
Ion Ratio Lower Upper
105 100
120 48.2 24.7 74.1

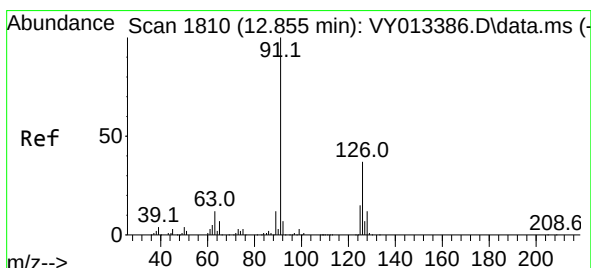
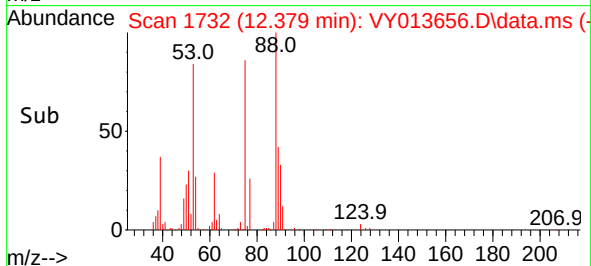
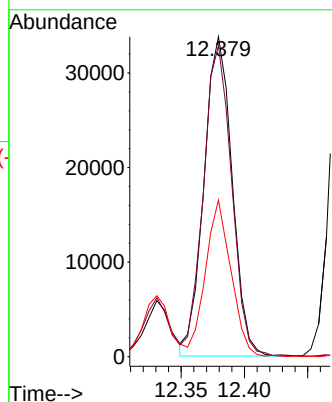
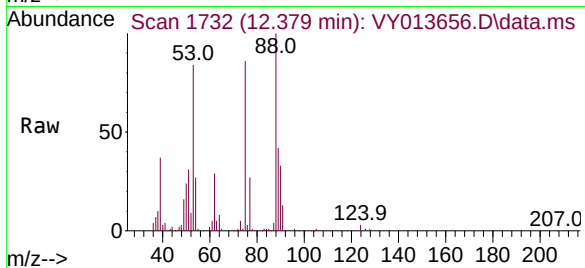




#81
trans-1,4-Dichloro-2-butene
Concen: 49.175 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

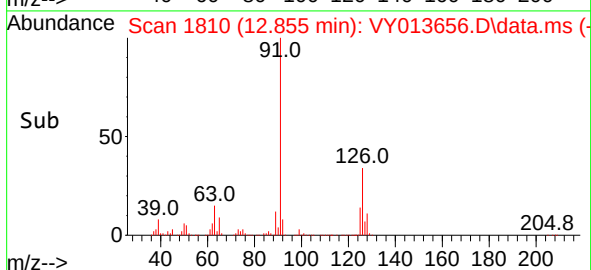
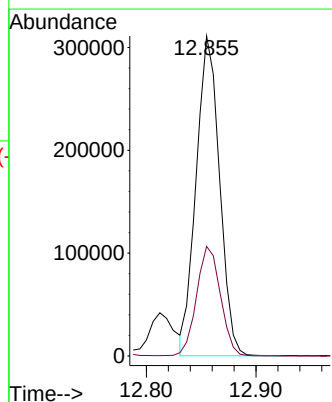
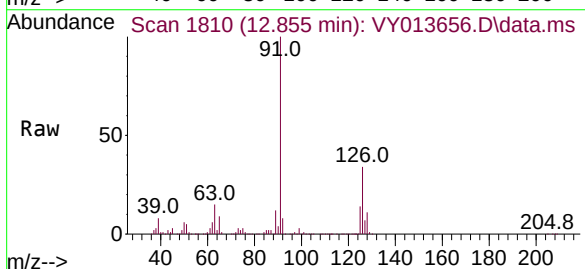
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

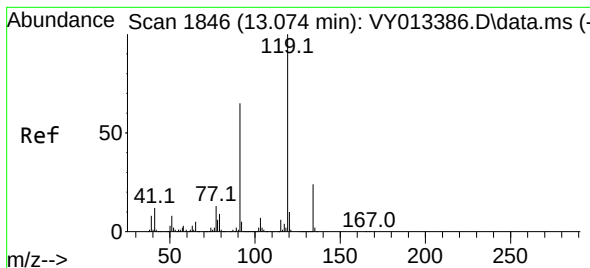
Tgt Ion: 75 Resp: 52279
Ion Ratio Lower Upper
75 100
53 97.6 73.2 109.8
89 44.5 38.0 57.0



#82
4-Chlorotoluene
Concen: 52.725 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion: 91 Resp: 461015
Ion Ratio Lower Upper
91 100
126 35.0 17.9 53.8





#83

tert-Butylbenzene

Concen: 53.819 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

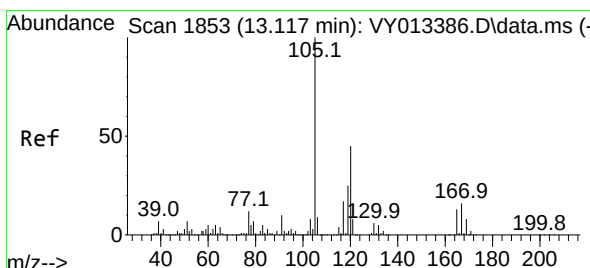
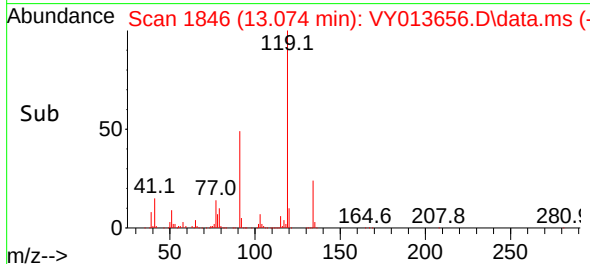
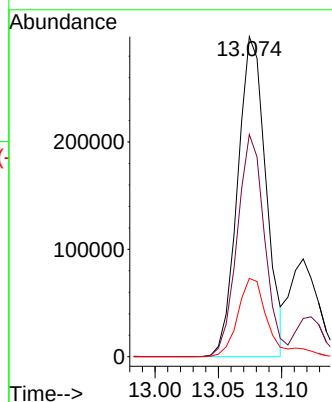
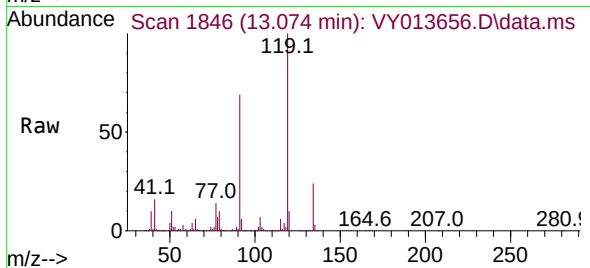
Tgt Ion:119 Resp: 464157

Ion Ratio Lower Upper

119 100

91 67.4 32.2 96.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 54.871 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY013656.D

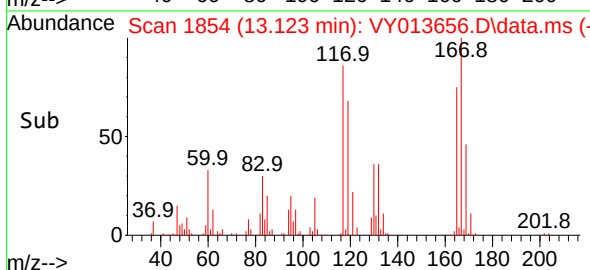
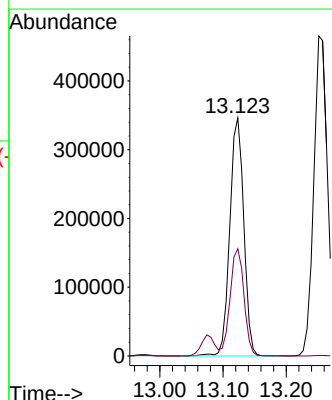
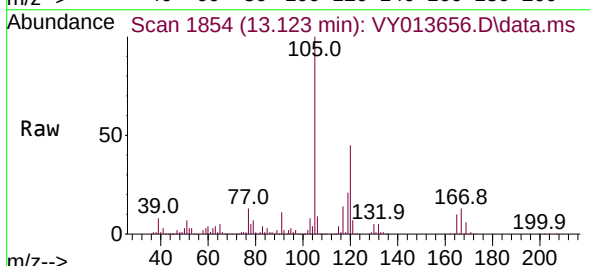
Acq: 09 May 2023 09:54

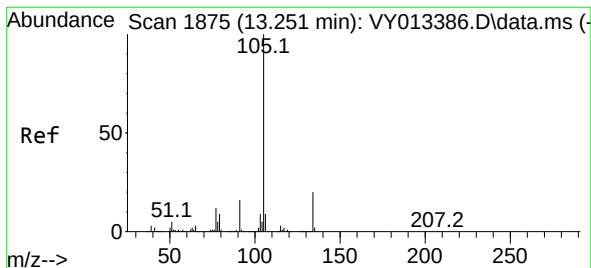
Tgt Ion:105 Resp: 531054

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.275 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

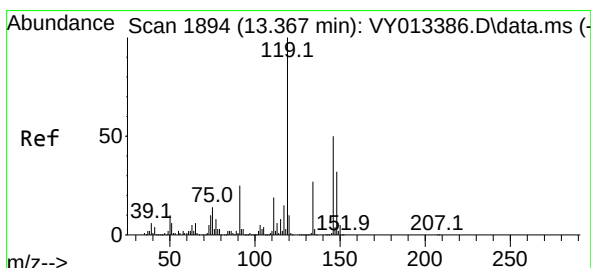
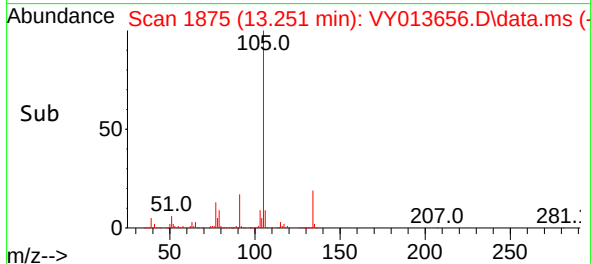
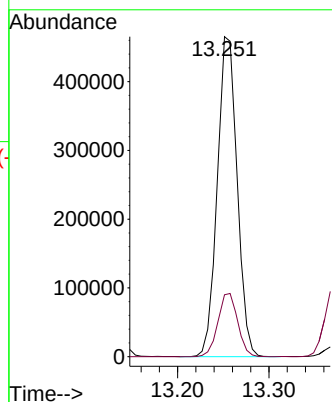
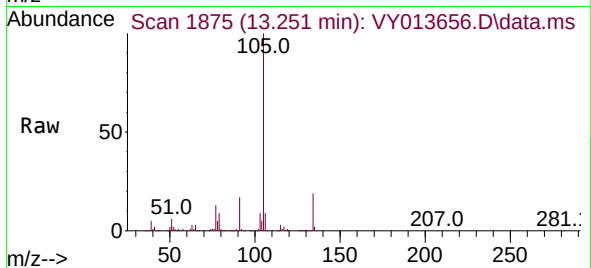
VSTDCCC050

Tgt Ion:105 Resp: 702516

Ion Ratio Lower Upper

105 100

134 19.7 10.3 30.9



#86

p-Isopropyltoluene

Concen: 54.905 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

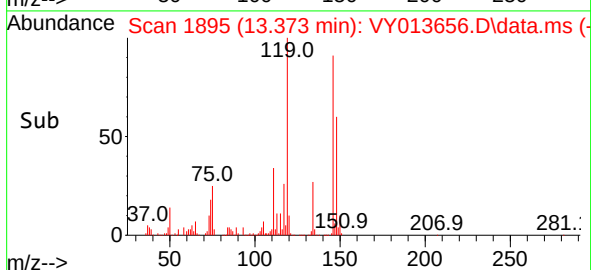
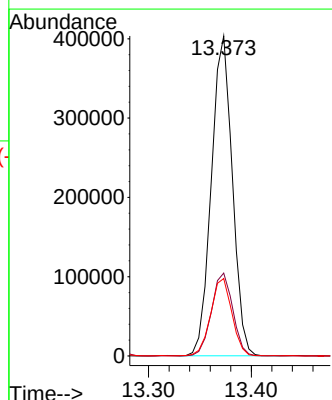
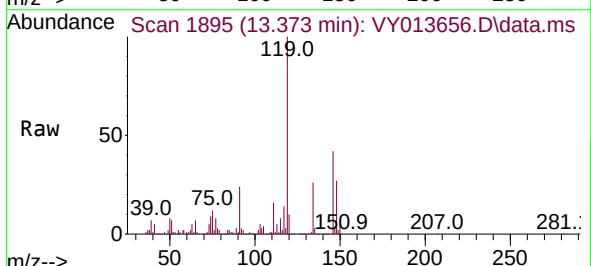
Tgt Ion:119 Resp: 571506

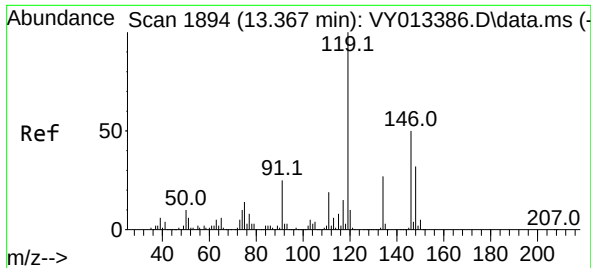
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 24.4 12.1 36.3

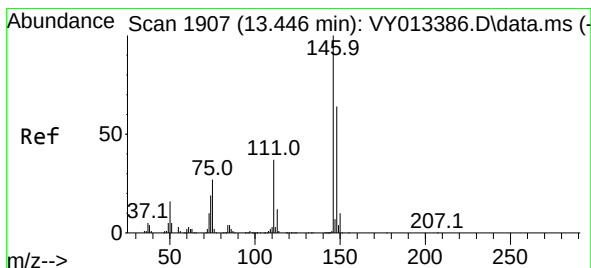
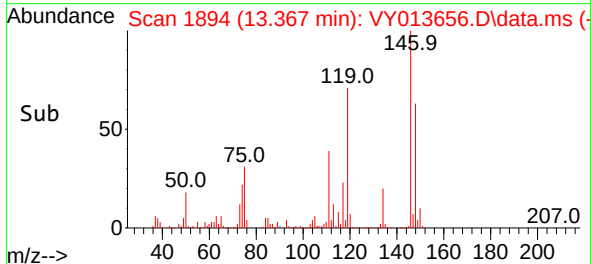
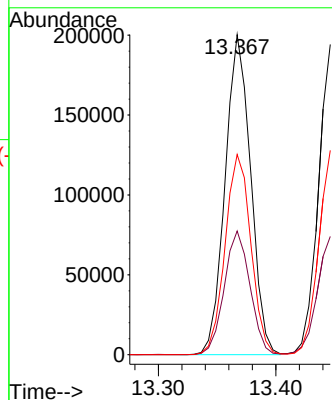
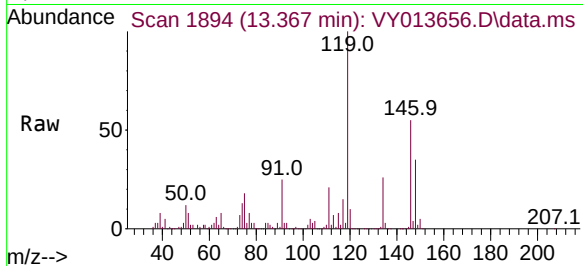




#87
1,3-Dichlorobenzene
Concen: 53.677 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

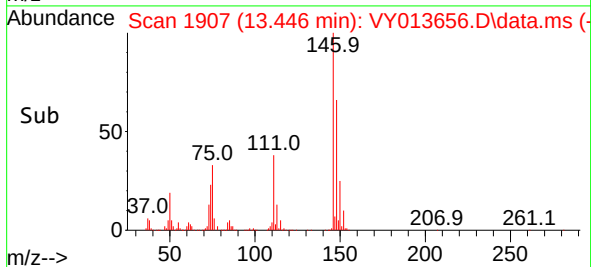
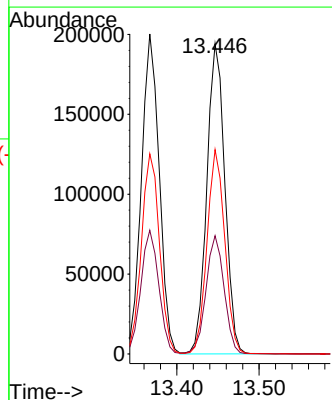
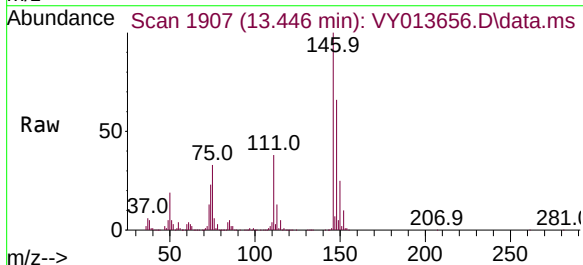
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

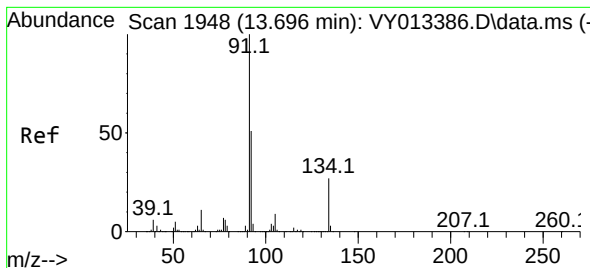
Tgt Ion:146 Resp: 302217
Ion Ratio Lower Upper
146 100
111 38.9 19.3 57.9
148 63.4 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.959 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013656.D
Acq: 09 May 2023 09:54

Tgt Ion:146 Resp: 295514
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.5
148 65.0 31.9 95.5





#89

n-Butylbenzene

Concen: 53.752 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

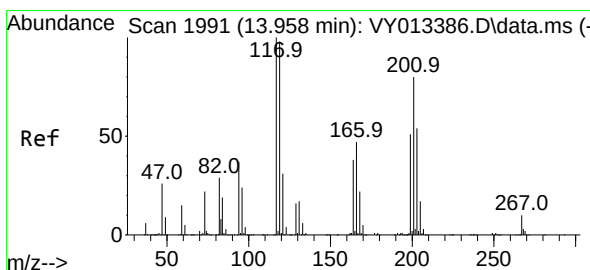
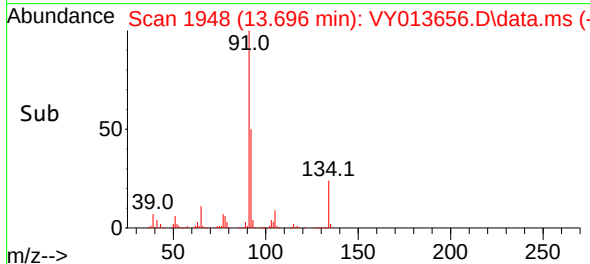
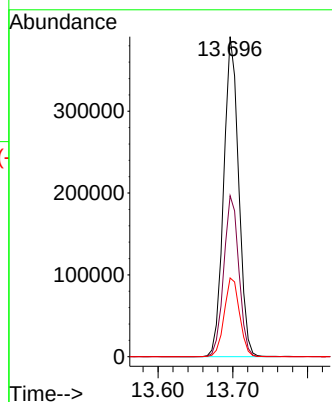
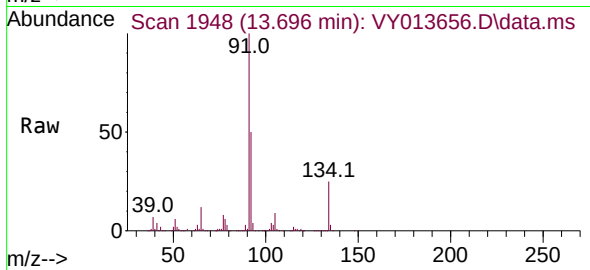
Tgt Ion: 91 Resp: 546081

Ion Ratio Lower Upper

91 100

92 50.6 25.8 77.3

134 25.2 13.5 40.4



#90

Hexachloroethane

Concen: 52.267 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.007 min

Lab File: VY013656.D

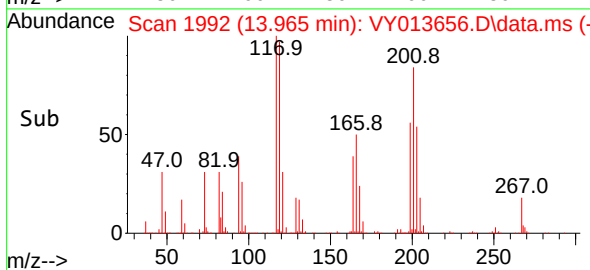
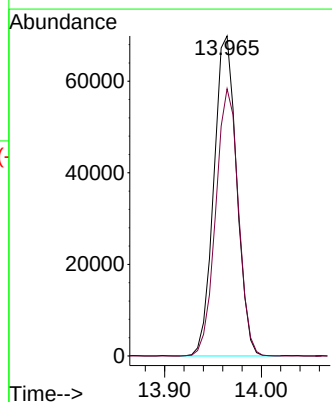
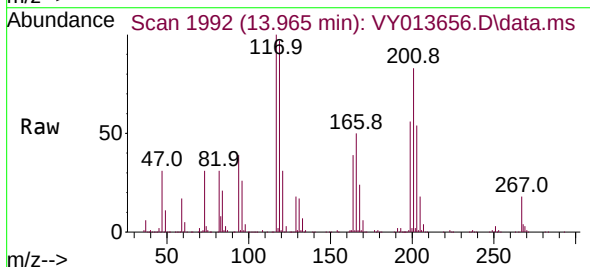
Acq: 09 May 2023 09:54

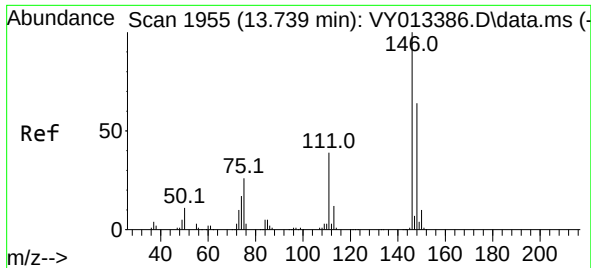
Tgt Ion: 117 Resp: 114502

Ion Ratio Lower Upper

117 100

201 83.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.795 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

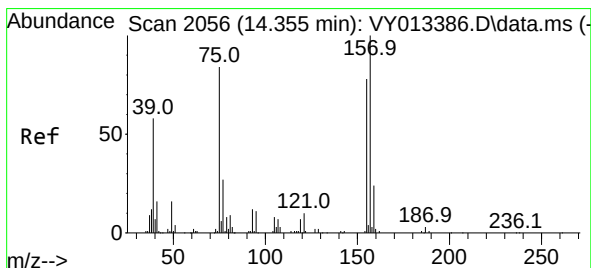
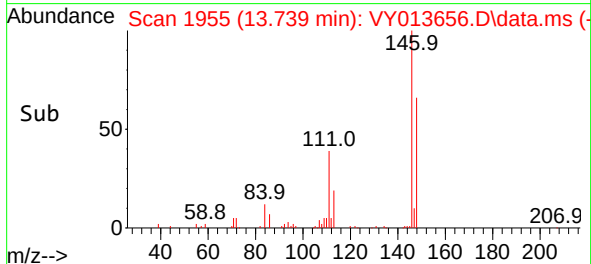
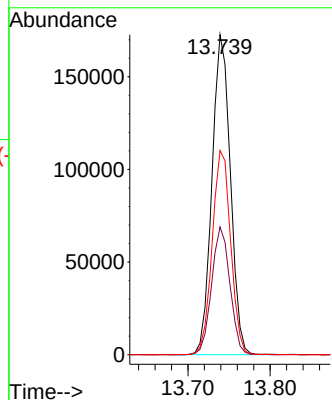
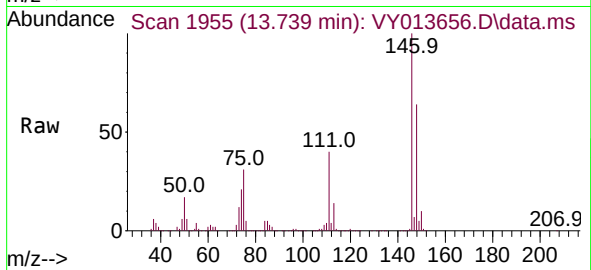
Tgt Ion:146 Resp: 268422

Ion Ratio Lower Upper

146 100

111 39.7 19.8 59.4

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.371 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

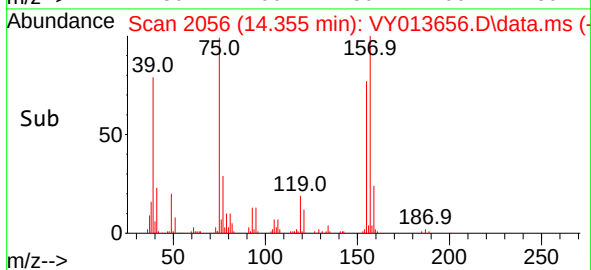
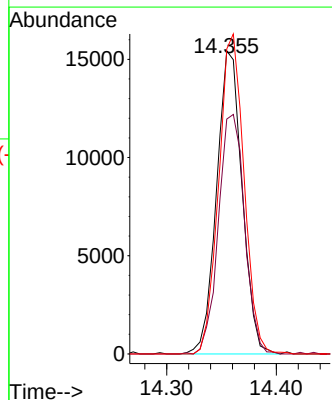
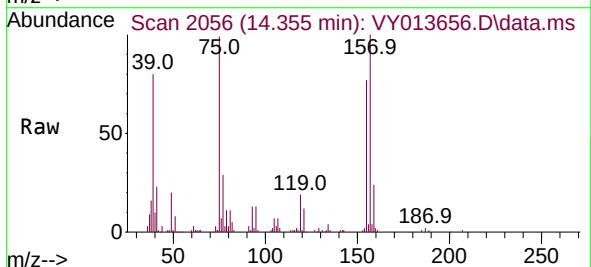
Tgt Ion: 75 Resp: 24941

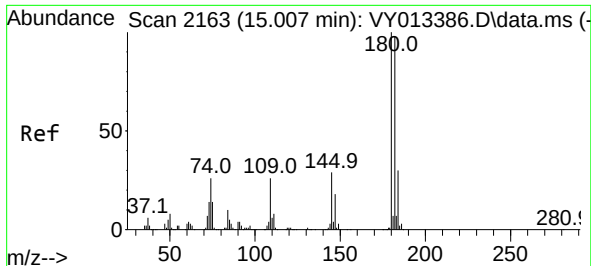
Ion Ratio Lower Upper

75 100

155 80.9 44.6 134.0

157 104.6 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 52.033 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

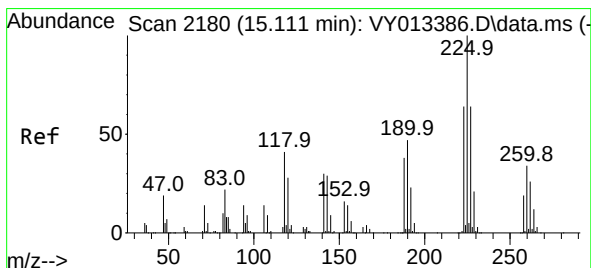
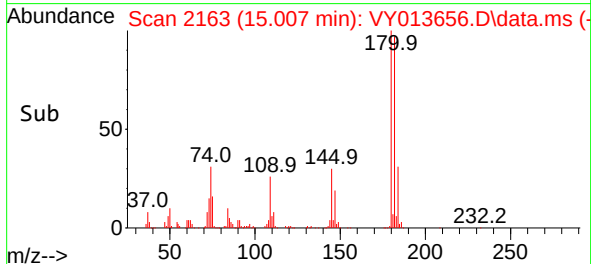
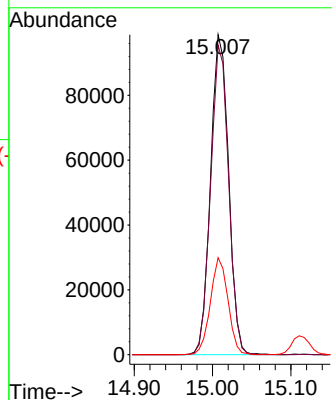
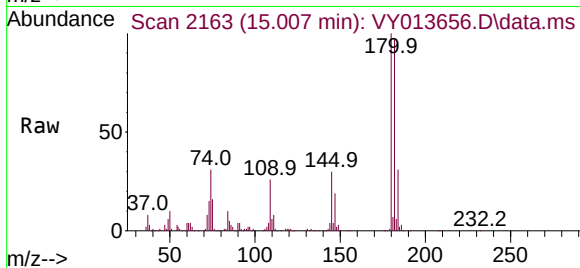
Tgt Ion:180 Resp: 157727

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.5

145 29.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 55.828 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

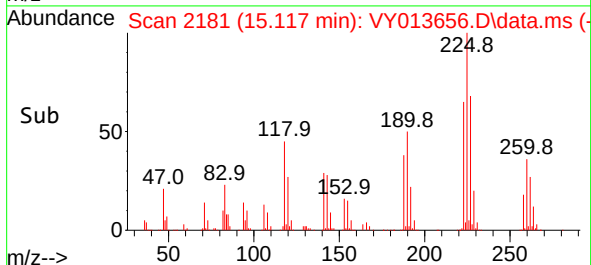
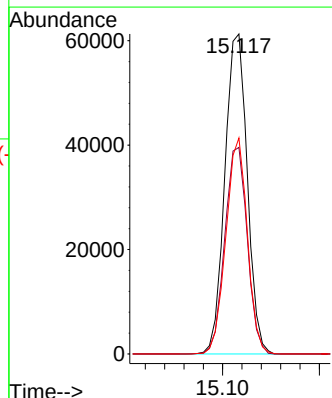
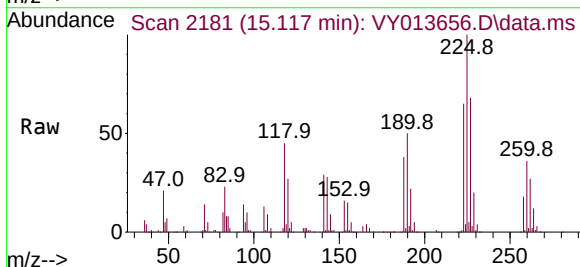
Tgt Ion:225 Resp: 98490

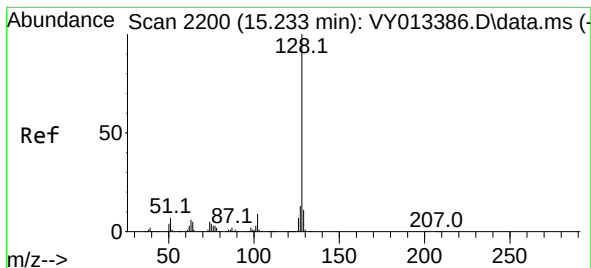
Ion Ratio Lower Upper

225 100

223 64.8 31.4 94.2

227 64.6 32.0 96.0





#95

Naphthalene

Concen: 48.718 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

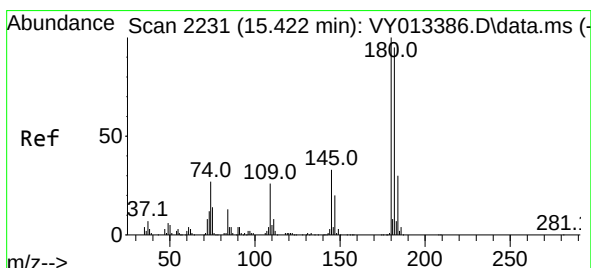
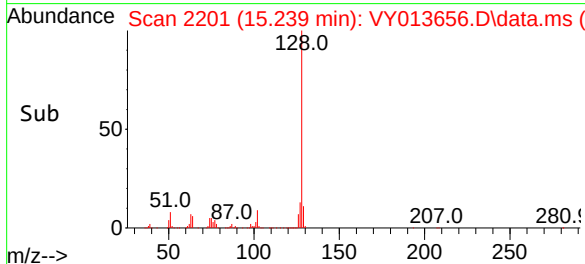
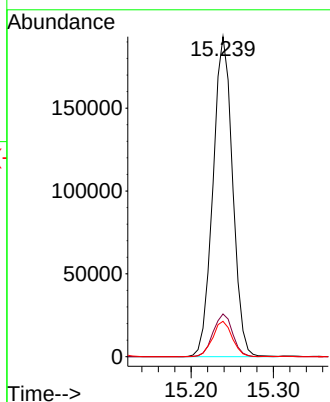
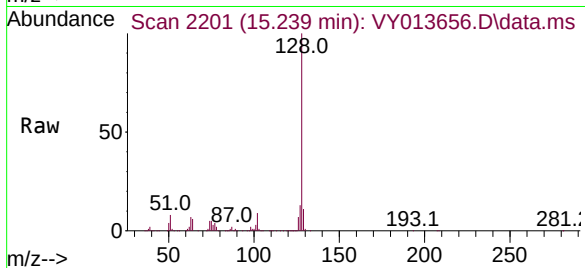
Tgt Ion:128 Resp: 320421

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 52.040 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY013656.D

Acq: 09 May 2023 09:54

Tgt Ion:180 Resp: 140600

Ion Ratio Lower Upper

180 100

182 95.4 47.1 141.3

145 30.9 15.9 47.7

