

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051123\
 Data File : VY013704.D
 Acq On : 11 May 2023 09:20
 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 12 04:37:06 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	222739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	324995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	128652	52.689	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.380%	
35) Dibromofluoromethane	7.716	113	115622	56.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.120%	
50) Toluene-d8	10.179	98	385573	53.025	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	12.483	95	143467	58.524	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.040%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	108406	51.194	ug/l	100
3) Chloromethane	2.113	50	126274	44.487	ug/l	100
4) Vinyl Chloride	2.253	62	129384	45.780	ug/l	99
5) Bromomethane	2.650	94	97331	43.217	ug/l	98
6) Chloroethane	2.790	64	83459	42.746	ug/l	97
7) Trichlorofluoromethane	3.125	101	230163	53.759	ug/l	100
8) Diethyl Ether	3.527	74	70367	48.264	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	121676	50.666	ug/l	98
10) Methyl Iodide	4.088	142	138456	45.903	ug/l	97
11) Tert butyl alcohol	4.960	59	78616	285.763	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	108610	46.918	ug/l	88
13) Acrolein	3.729	56	39048	180.570	ug/l	95
14) Allyl chloride	4.479	41	197358	45.947	ug/l	95
15) Acrylonitrile	5.155	53	200753	245.867	ug/l	98
16) Acetone	3.948	43	247841	257.746	ug/l	96
17) Carbon Disulfide	4.192	76	319487	42.488	ug/l	99
18) Methyl Acetate	4.479	43	148022	46.608	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	330007	49.380	ug/l	99
20) Methylene Chloride	4.716	84	141605	46.431	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	124971	49.375	ug/l	93
22) Diisopropyl ether	6.112	45	429403	51.147	ug/l	95
23) Vinyl Acetate	6.058	43	1295652	272.570	ug/l	97
24) 1,1-Dichloroethane	6.015	63	240942	51.494	ug/l	99
25) 2-Butanone	6.984	43	305379	250.417	ug/l	99
26) 2,2-Dichloropropane	6.978	77	221542	54.947	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	146149	52.262	ug/l	95
28) Bromochloromethane	7.332	49	88098	53.058	ug/l	84
29) Tetrahydrofuran	7.344	42	173328	228.333	ug/l	94
30) Chloroform	7.502	83	254368	54.677	ug/l	98
31) Cyclohexane	7.783	56	197546	45.188	ug/l	95
32) 1,1,1-Trichloroethane	7.697	97	230634	55.556	ug/l	98
36) 1,1-Dichloropropene	7.917	75	183996	54.237	ug/l	97
37) Ethyl Acetate	7.070	43	118983	46.607	ug/l	99
38) Carbon Tetrachloride	7.899	117	208937	58.762	ug/l	97
39) Methylcyclohexane	9.185	83	207882	51.979	ug/l	99
40) Benzene	8.161	78	525010	54.940	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	64772	54.447	ug/l	94
42) 1,2-Dichloroethane	8.234	62	178473	57.126	ug/l	98
43) Isopropyl Acetate	8.271	43	215649	50.046	ug/l	98
44) Trichloroethene	8.935	130	139901	55.038	ug/l	94
45) 1,2-Dichloropropane	9.215	63	138886	55.586	ug/l	98
46) Dibromomethane	9.301	93	81357	54.420	ug/l	98
47) Bromodichloromethane	9.496	83	196439	58.722	ug/l	98
48) Methyl methacrylate	9.289	41	100816	50.943	ug/l	96
49) 1,4-Dioxane	9.301	88	21855	1023.580	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	623492	259.659	ug/l	97
52) Toluene	10.240	92	325474	56.599	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	199290	56.290	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	220081	55.245	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	110045	55.584	ug/l	97
56) Ethyl methacrylate	10.508	69	149618	54.472	ug/l	91
57) 1,3-Dichloropropane	10.788	76	191011	56.968	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	263005	255.355	ug/l	95
59) 2-Hexanone	10.831	43	472264	270.565	ug/l	96
60) Dibromochloromethane	10.983	129	139393	57.985	ug/l	100
61) 1,2-Dibromoethane	11.087	107	106342	54.633	ug/l	100
64) Tetrachloroethene	10.721	164	122899	54.909	ug/l	97
65) Chlorobenzene	11.514	112	352138	54.918	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	142007	59.217	ug/l	98
67) Ethyl Benzene	11.593	91	636598	56.539	ug/l	98
68) m/p-Xylenes	11.703	106	484978	113.303	ug/l	97
69) o-Xylene	12.032	106	228651	56.483	ug/l	97
70) Styrene	12.044	104	395715	58.463	ug/l	100
71) Bromoform	12.209	173	94911	56.504	ug/l #	100
73) Isopropylbenzene	12.331	105	612702	53.167	ug/l	99
74) N-amyl acetate	12.142	43	192374	46.909	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	140727	49.960	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	183054	89.087	ug/l #	100
77) Bromobenzene	12.605	156	151772	54.353	ug/l	95
78) n-propylbenzene	12.672	91	762356	53.708	ug/l	98
79) 2-Chlorotoluene	12.758	91	419321	52.900	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	513025	54.543	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	48712	48.493	ug/l	94
82) 4-Chlorotoluene	12.855	91	442653	53.578	ug/l	97
83) tert-Butylbenzene	13.075	119	443209	54.388	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	507352	55.480	ug/l	100
85) sec-Butylbenzene	13.251	105	662681	54.184	ug/l	99
86) p-Isopropyltoluene	13.367	119	545466	55.461	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	291696	54.831	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	287450	53.490	ug/l	99
89) n-Butylbenzene	13.696	91	521011	54.276	ug/l	98
90) Hexachloroethane	13.959	117	110402	53.335	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	263030	54.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24273	48.792	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	160580	56.065	ug/l	97
94) Hexachlorobutadiene	15.111	225	100578	60.338	ug/l	99
95) Naphthalene	15.233	128	326591	52.554	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	143816	56.336	ug/l	99

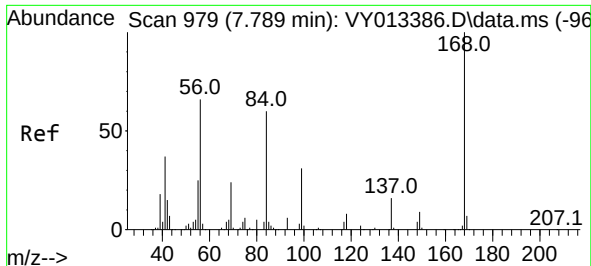
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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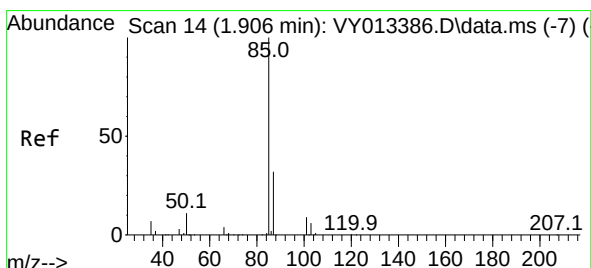
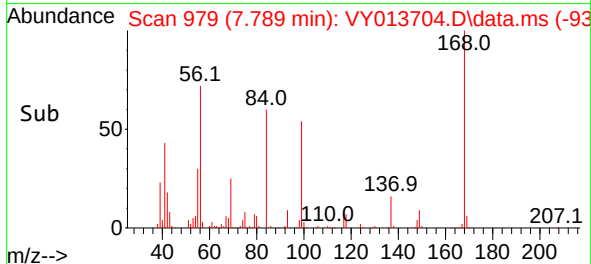
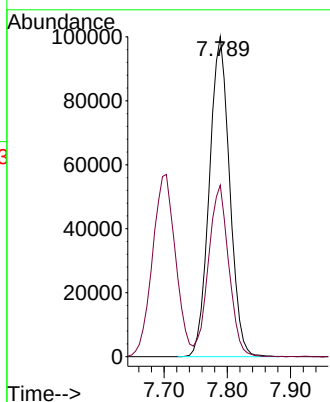
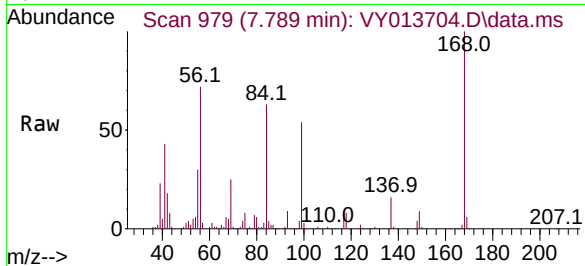
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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Acq: 11 May 2023 09:20

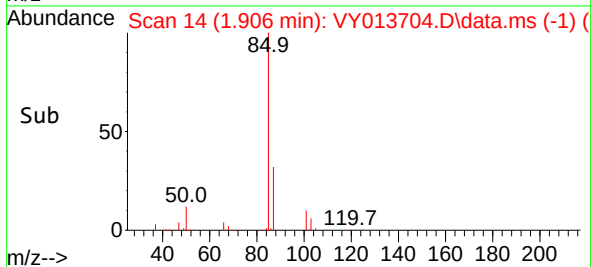
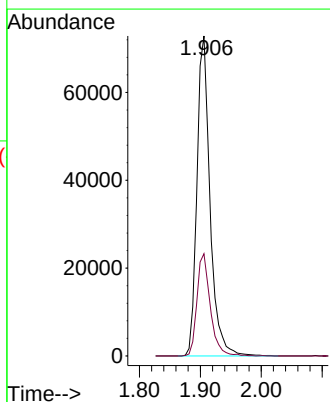
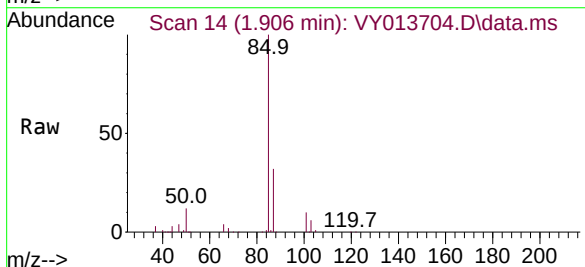
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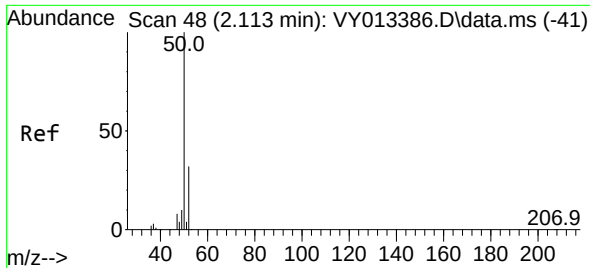
Tgt Ion:168 Resp: 222739
Ion Ratio Lower Upper
168 100
99 53.5 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 51.194 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 85 Resp: 108406
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2

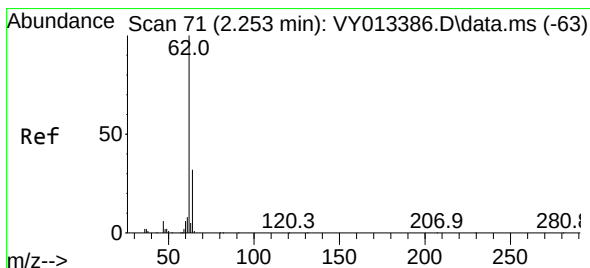
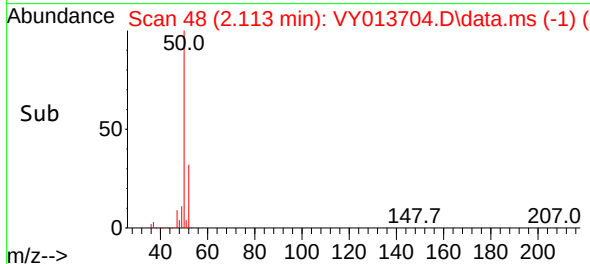
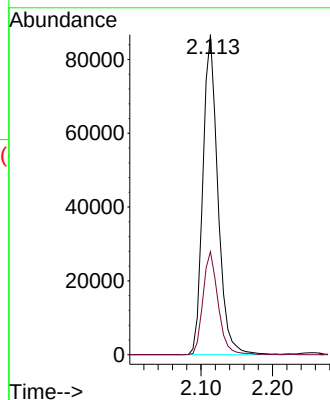
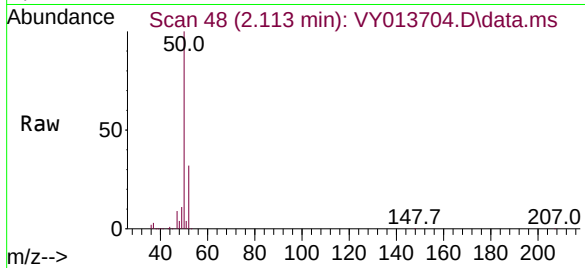




#3
Chloromethane
Concen: 44.487 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

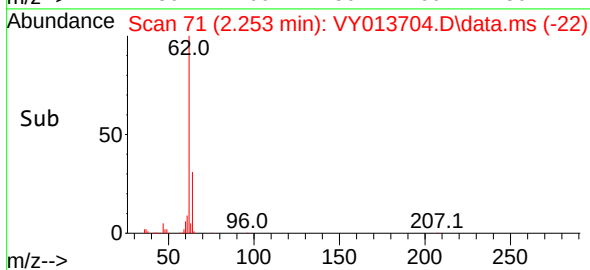
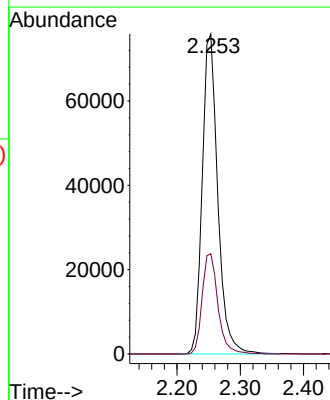
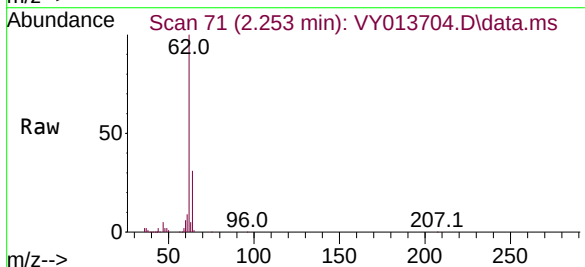
Instrument :
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ClientSampleId :
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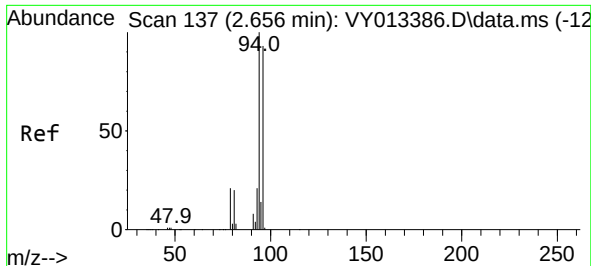
Tgt Ion: 50 Resp: 126274
Ion Ratio Lower Upper
50 100
52 32.2 25.9 38.9



#4
Vinyl Chloride
Concen: 45.780 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 62 Resp: 129384
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

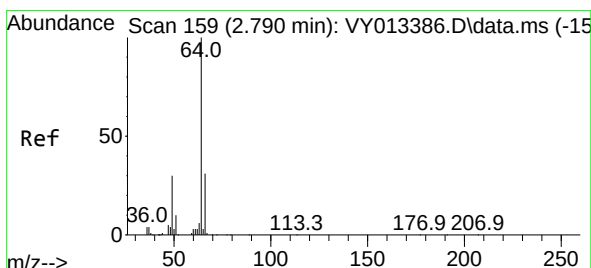
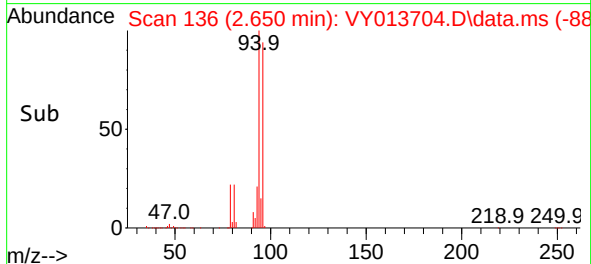
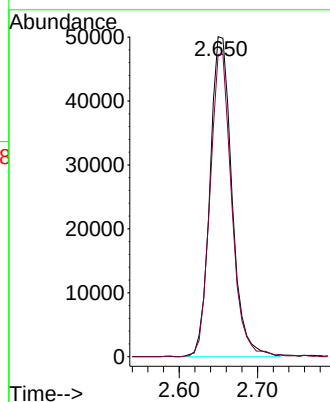
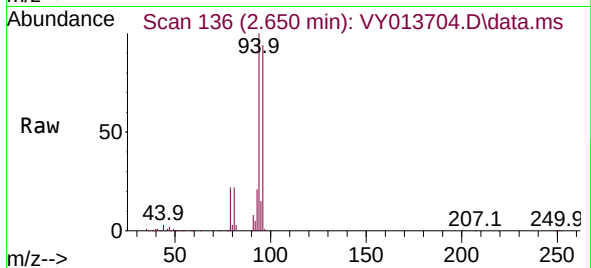




#5
Bromomethane
Concen: 43.217 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

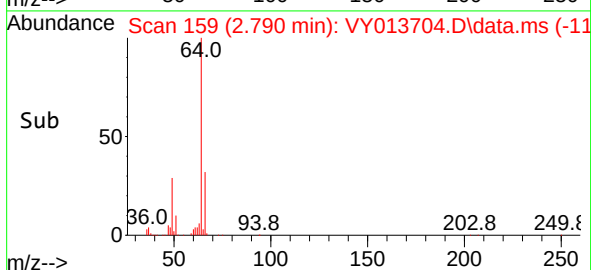
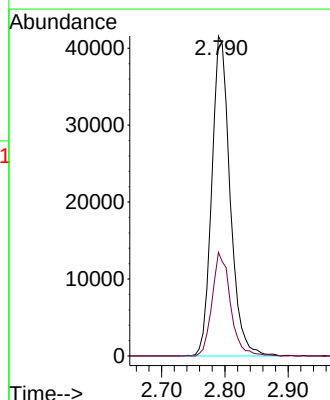
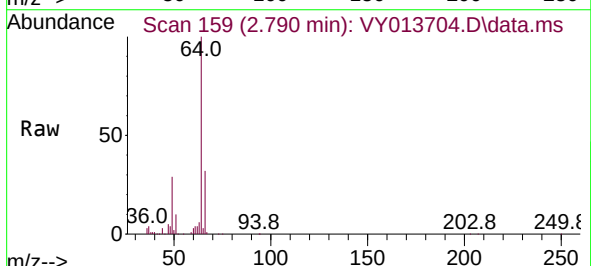
Instrument :
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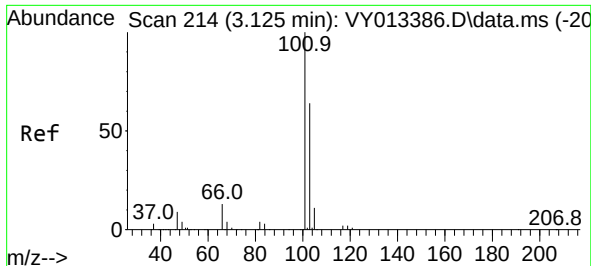
Tgt Ion: 94 Resp: 97331
Ion Ratio Lower Upper
94 100
96 94.4 74.2 111.2



#6
Chloroethane
Concen: 42.746 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 64 Resp: 83459
Ion Ratio Lower Upper
64 100
66 32.3 24.6 37.0

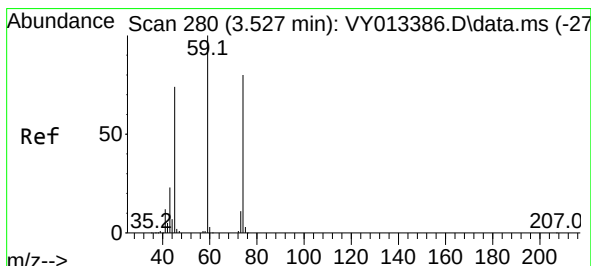
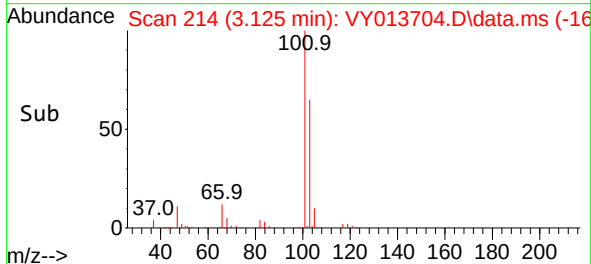
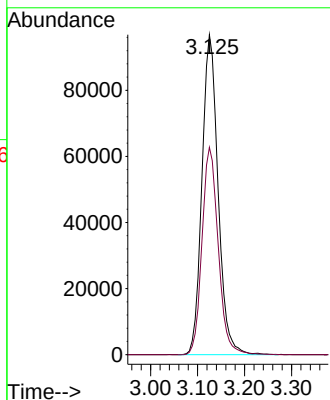
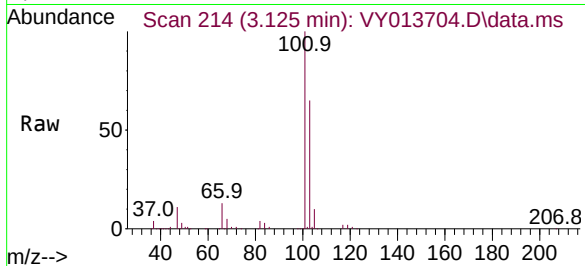




#7
 Trichlorofluoromethane
 Concen: 53.759 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013704.D
 Acq: 11 May 2023 09:20

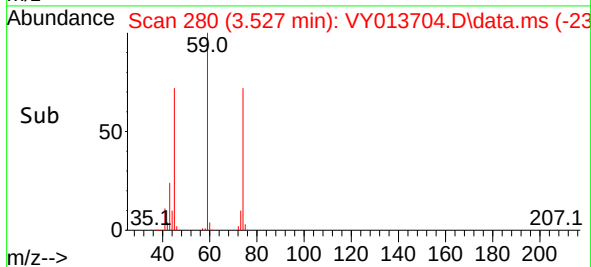
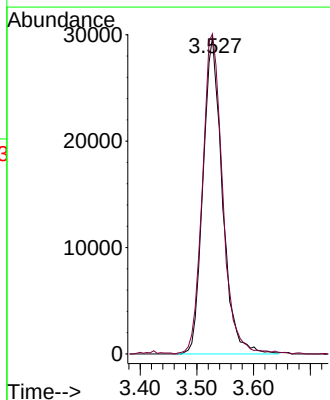
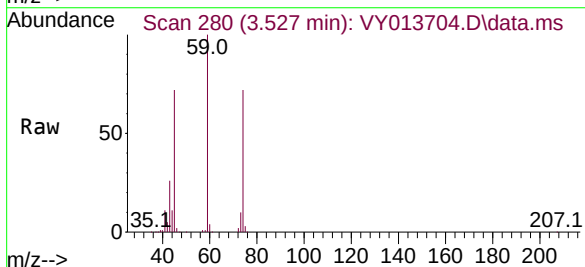
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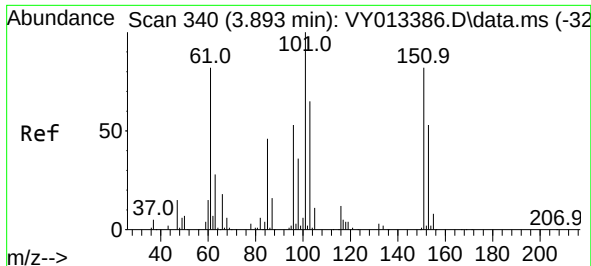
Tgt Ion:101 Resp: 230163
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.6 77.4



#8
 Diethyl Ether
 Concen: 48.264 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013704.D
 Acq: 11 May 2023 09:20

Tgt Ion: 74 Resp: 70367
 Ion Ratio Lower Upper
 74 100
 45 105.2 48.2 144.6

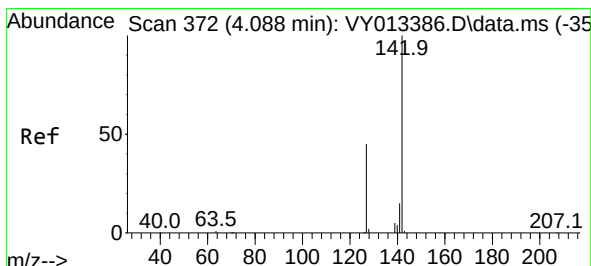
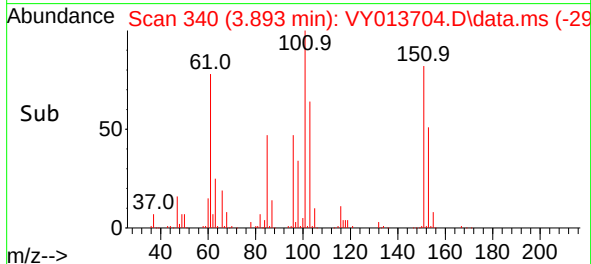
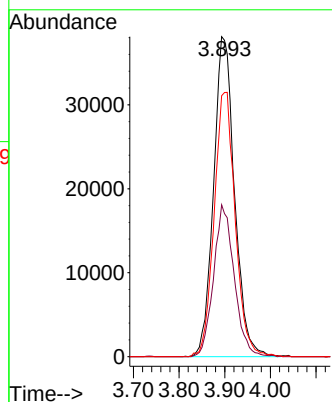
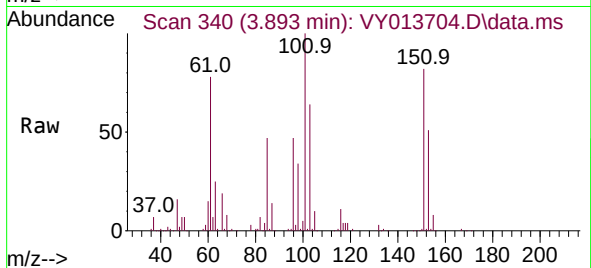




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.666 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013704.D
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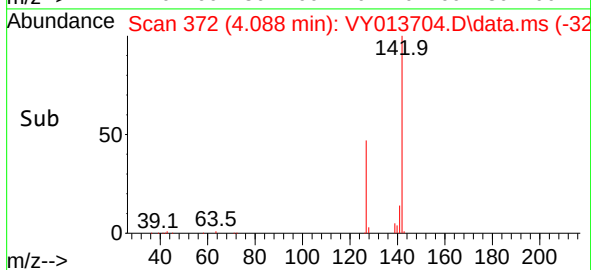
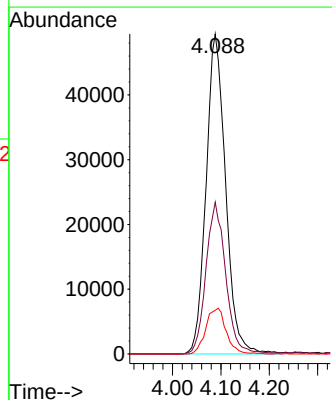
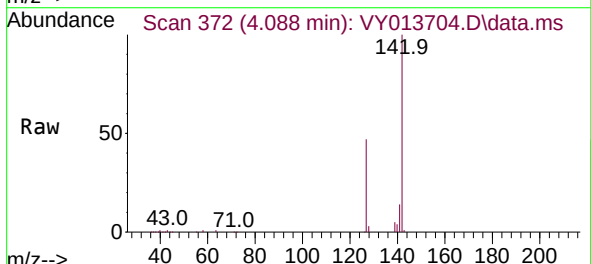
Instrument :
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ClientSampleId :
VSTDCCC050

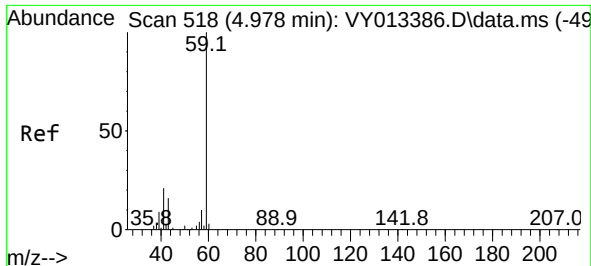
Tgt Ion:101 Resp: 121676
Ion Ratio Lower Upper
101 100
85 46.6 35.6 53.4
151 83.2 68.0 102.0



#10
Methyl Iodide
Concen: 45.903 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion:142 Resp: 138456
Ion Ratio Lower Upper
142 100
127 48.0 36.1 54.1
141 14.7 11.6 17.4

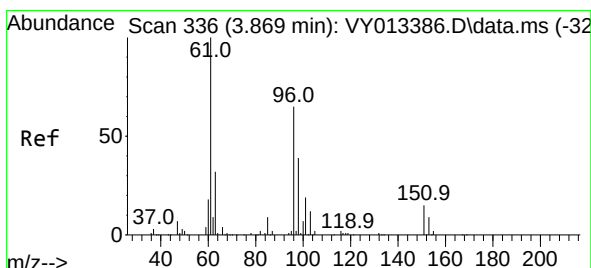
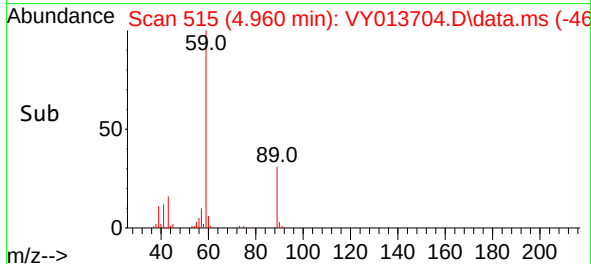
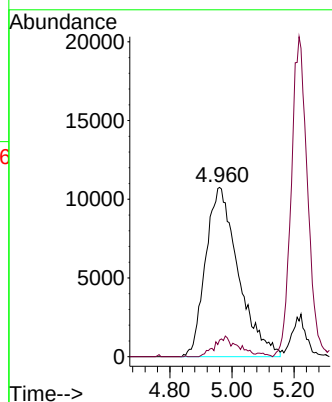
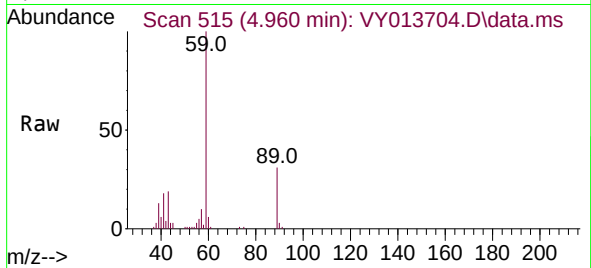




#11
Tert butyl alcohol
Concen: 285.763 ug/l
RT: 4.960 min Scan# 518
Delta R.T. -0.018 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

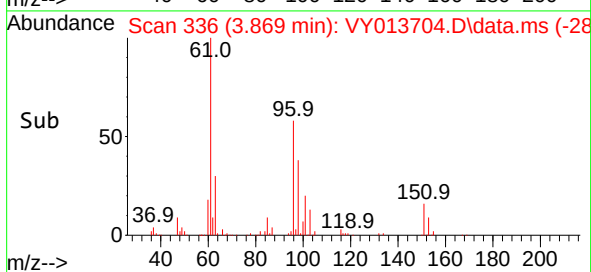
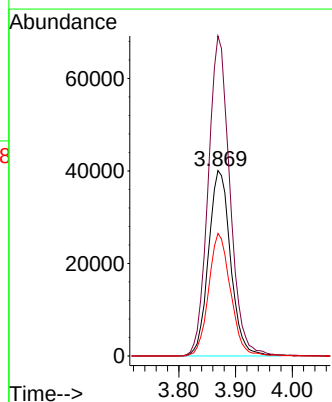
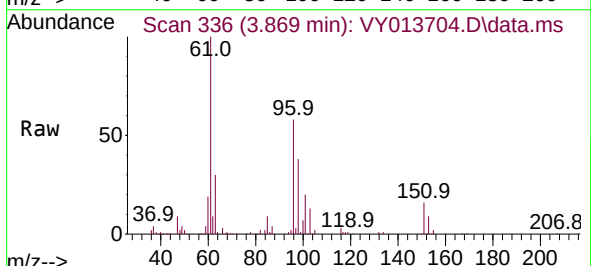
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

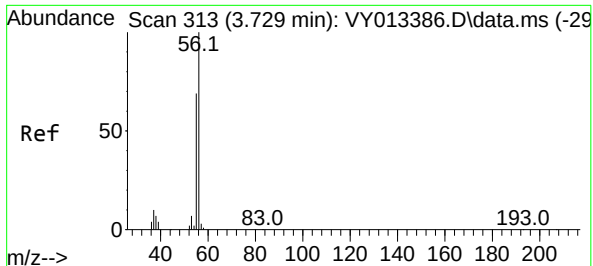
Tgt Ion: 59 Resp: 78616
Ion Ratio Lower Upper
59 100
57 5.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 46.918 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 96 Resp: 108610
Ion Ratio Lower Upper
96 100
61 172.5 123.9 185.9
98 66.1 48.9 73.3





#13

Acrolein

Concen: 180.570 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

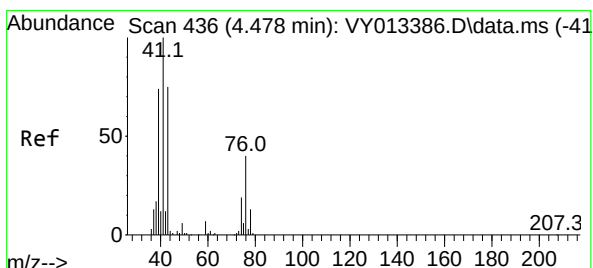
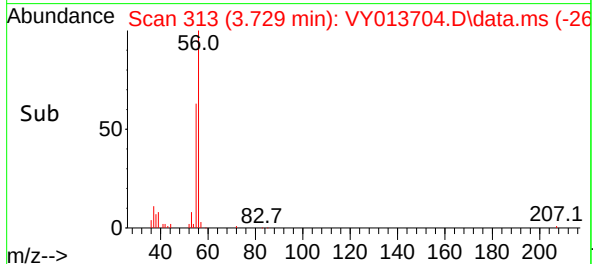
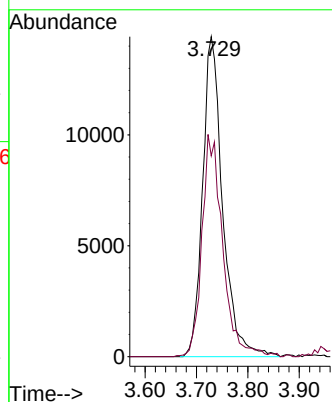
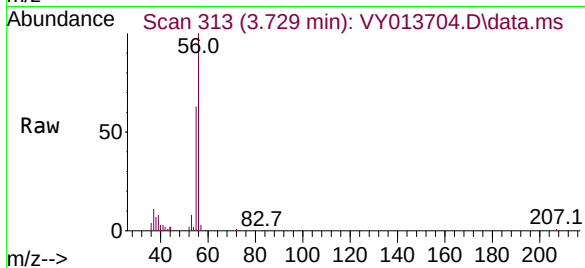
VSTDCCC050

Tgt Ion: 56 Resp: 39048

Ion Ratio Lower Upper

56 100

55 71.6 54.1 81.1



#14

Allyl chloride

Concen: 45.947 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

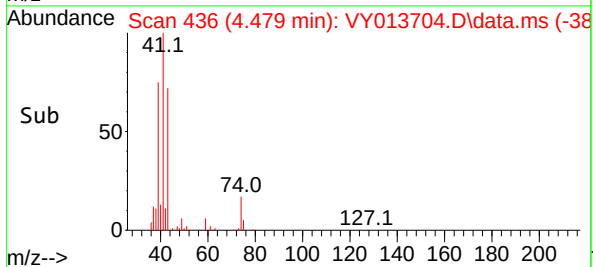
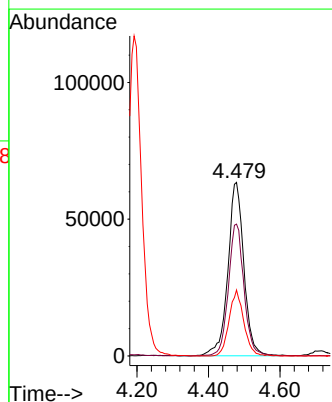
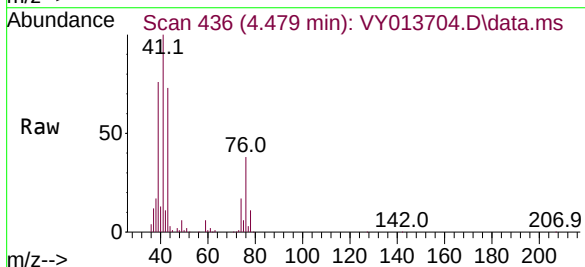
Tgt Ion: 41 Resp: 197358

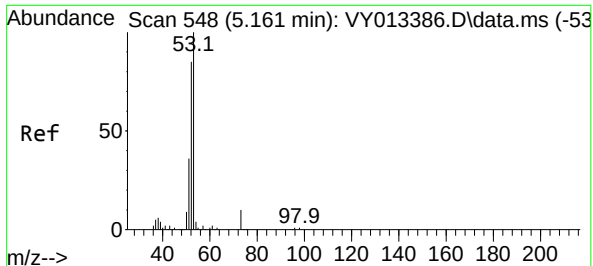
Ion Ratio Lower Upper

41 100

39 74.3 56.6 85.0

76 34.9 30.5 45.7

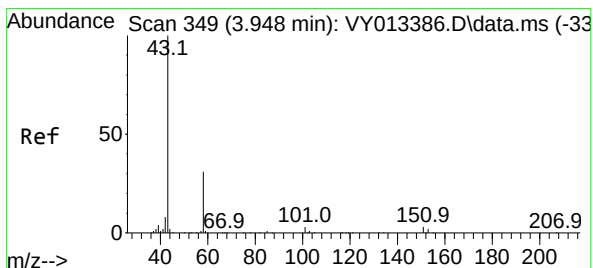
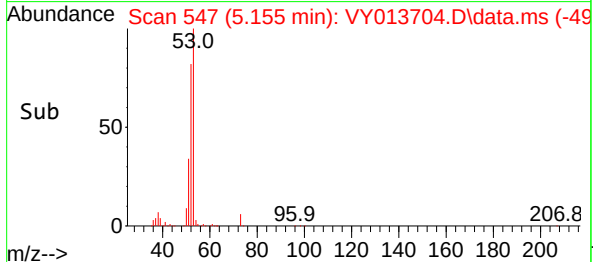
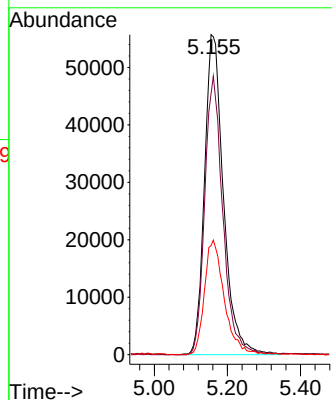
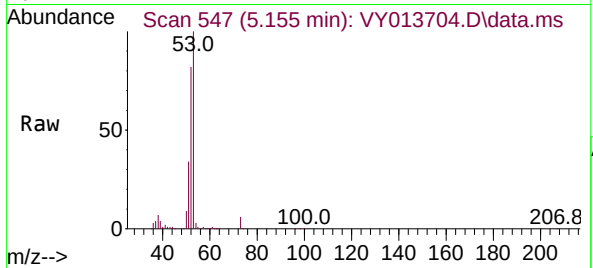




#15
Acrylonitrile
Concen: 245.867 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

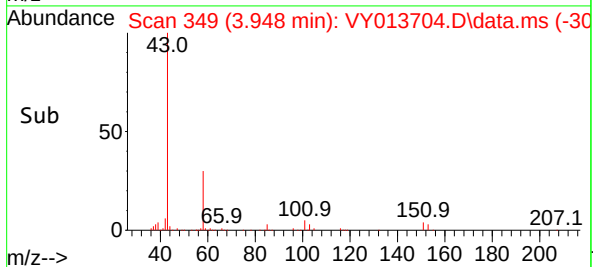
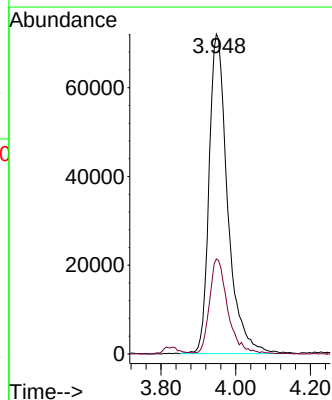
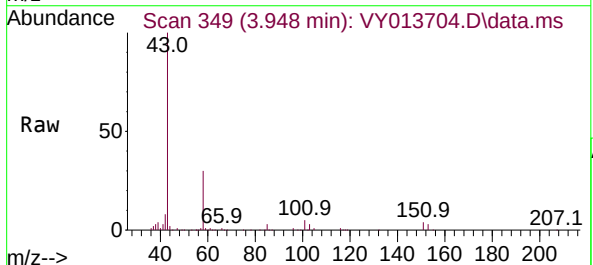
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

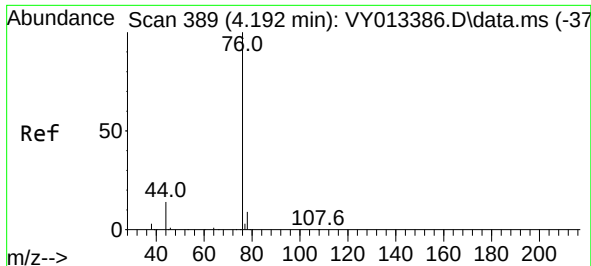
Tgt Ion: 53 Resp: 200753
Ion Ratio Lower Upper
53 100
52 83.2 65.4 98.0
51 37.5 29.3 43.9



#16
Acetone
Concen: 257.746 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 43 Resp: 247841
Ion Ratio Lower Upper
43 100
58 29.6 25.4 38.0

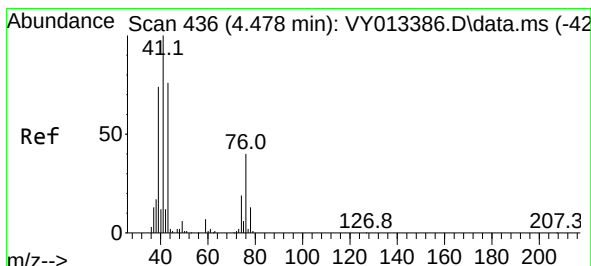
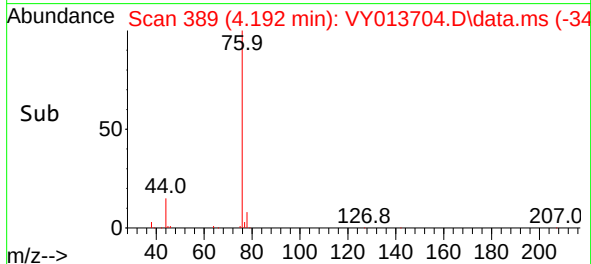
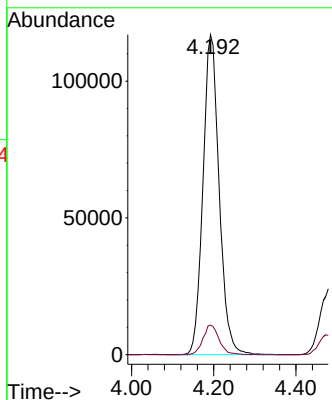
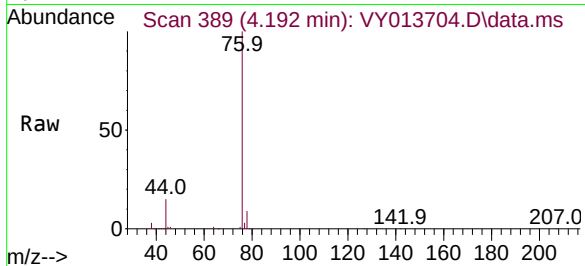




#17
Carbon Disulfide
Concen: 42.488 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

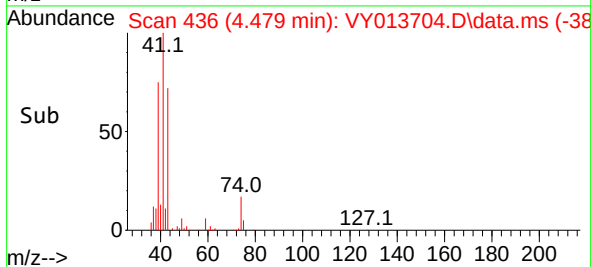
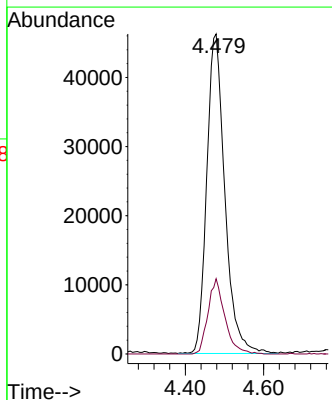
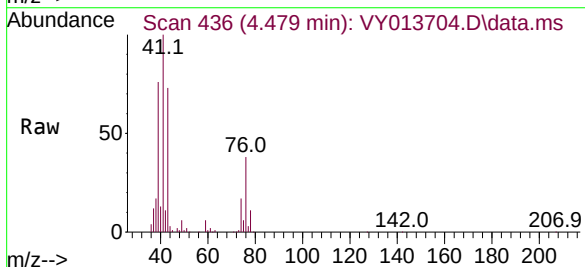
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

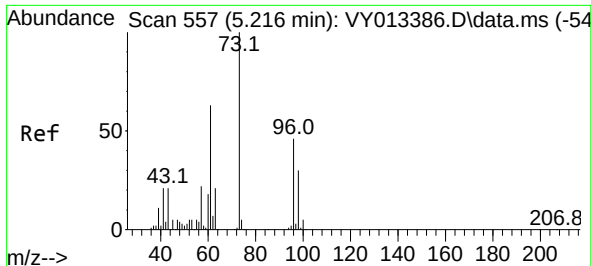
Tgt Ion: 76 Resp: 319487
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
Methyl Acetate
Concen: 46.608 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 43 Resp: 148022
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2

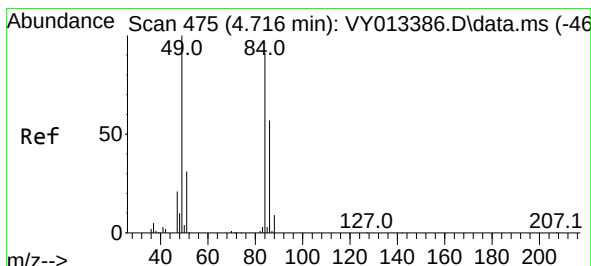
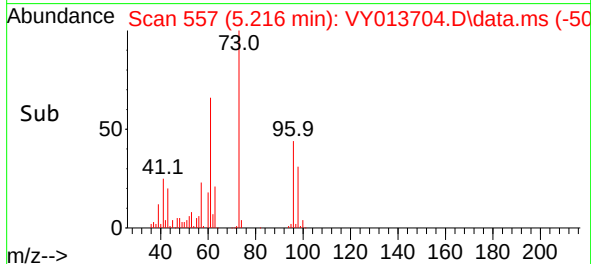
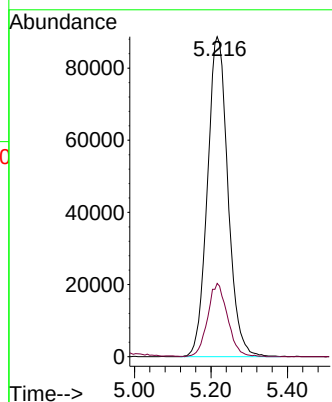
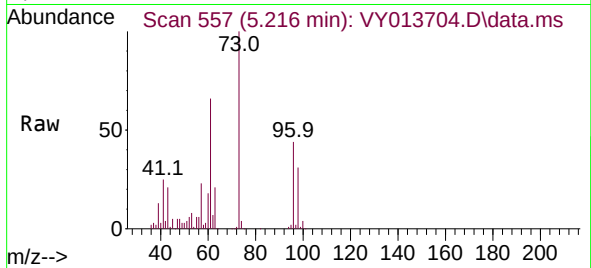




#19
Methyl tert-butyl Ether
Concen: 49.380 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

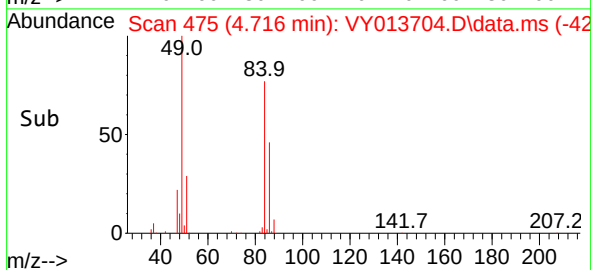
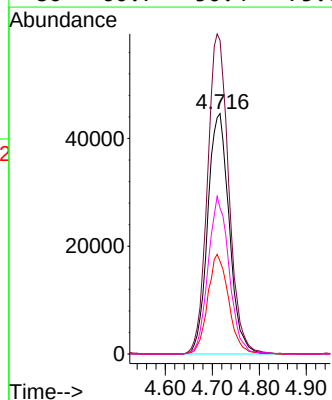
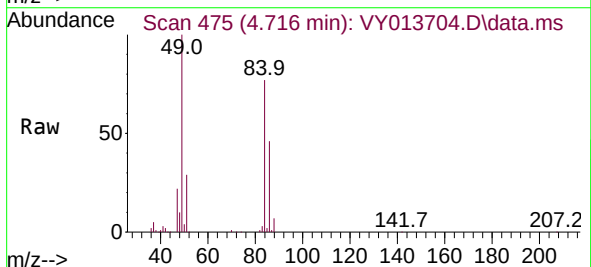
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

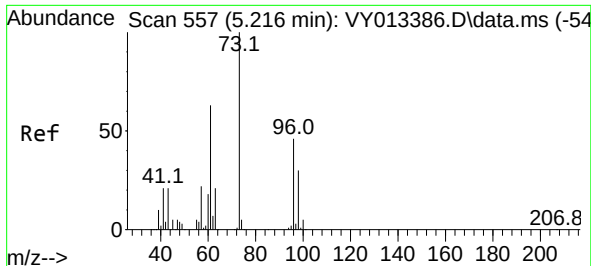
Tgt Ion: 73 Resp: 330007
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.8



#20
Methylene Chloride
Concen: 46.431 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 84 Resp: 141605
Ion Ratio Lower Upper
84 100
49 130.5 88.0 132.0
51 38.5 27.4 41.0
86 60.7 50.4 75.6

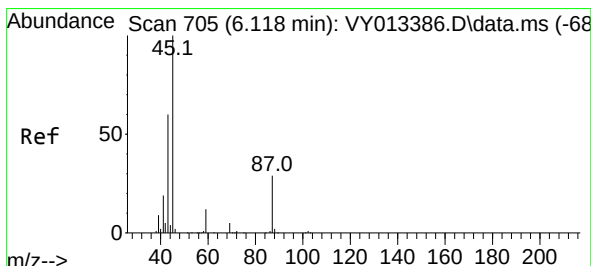
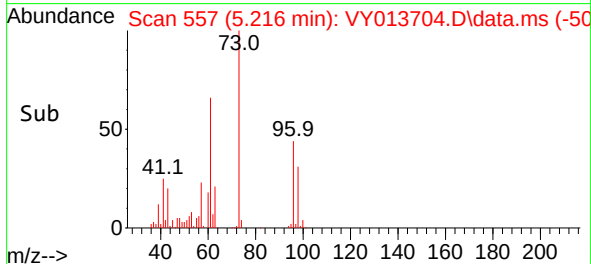
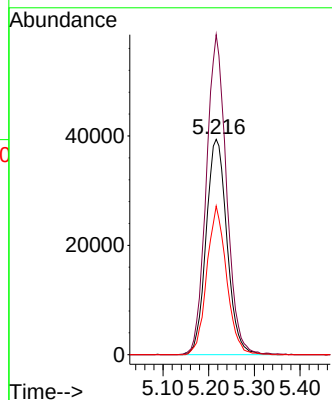
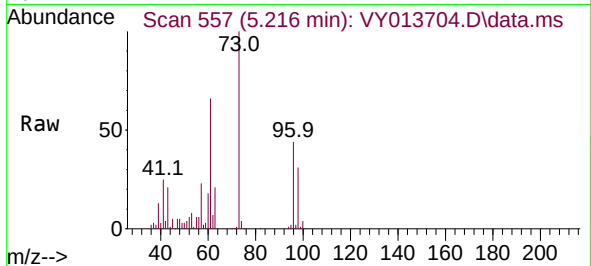




#21
trans-1,2-Dichloroethene
Concen: 49.375 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

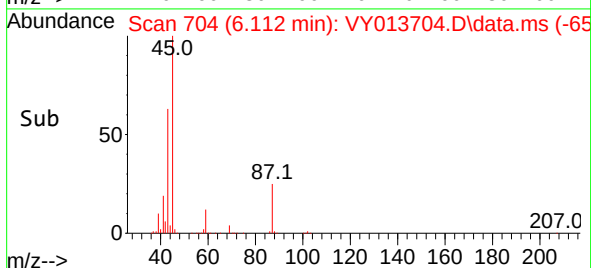
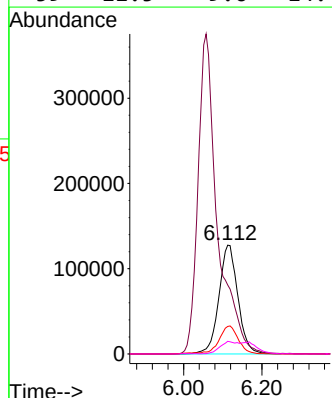
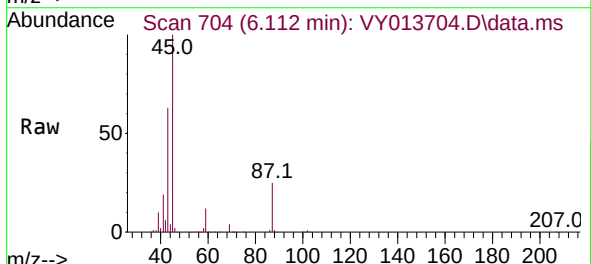
Instrument :
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ClientSampleId :
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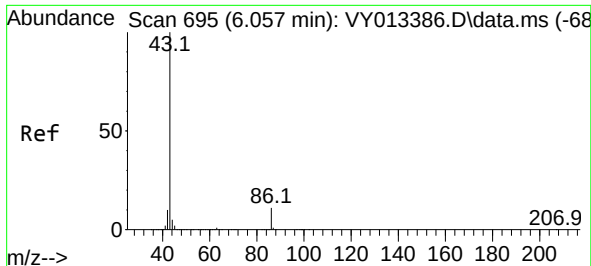
Tgt Ion: 96 Resp: 124971
Ion Ratio Lower Upper
96 100
61 148.4 110.6 165.8
98 69.0 53.1 79.7



#22
Diisopropyl ether
Concen: 51.147 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 45 Resp: 429403
Ion Ratio Lower Upper
45 100
43 63.1 48.4 72.6
87 25.2 23.8 35.6
59 11.5 9.6 14.4

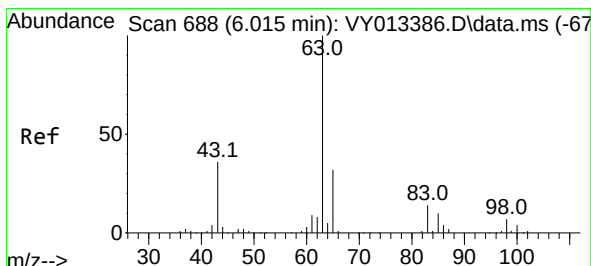
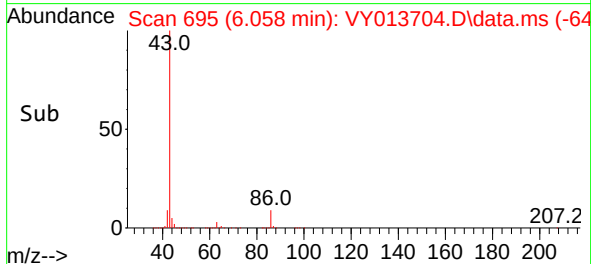
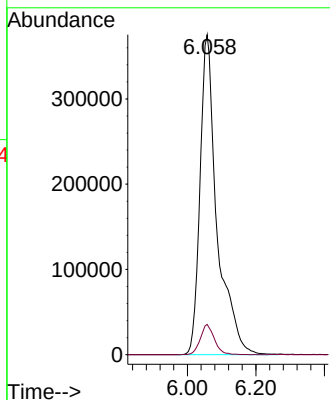
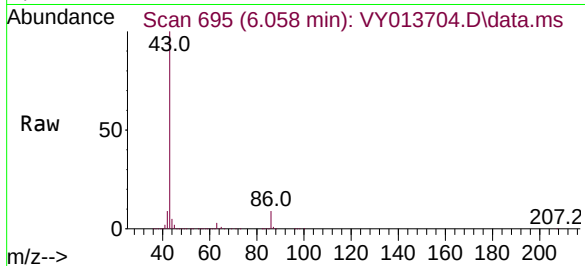




#23
 Vinyl Acetate
 Concen: 272.570 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.001 min
 Lab File: VY013704.D
 Acq: 11 May 2023 09:20

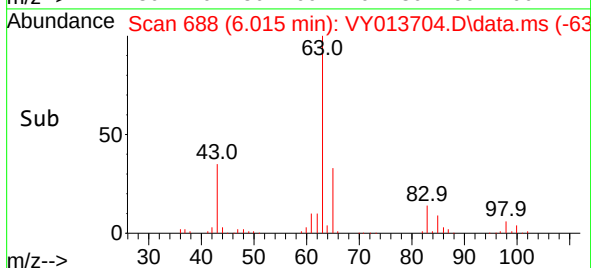
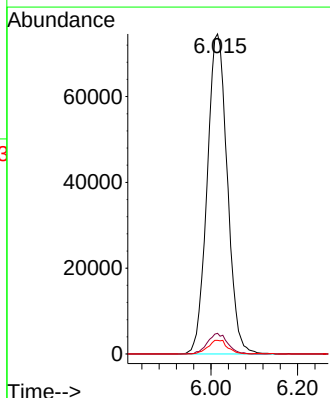
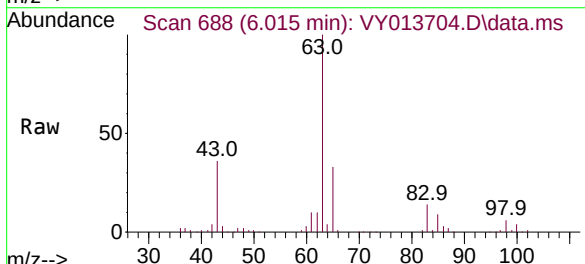
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

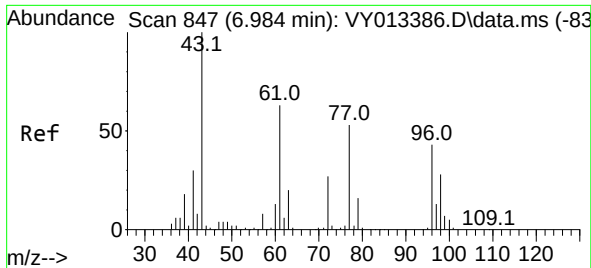
Tgt Ion: 43 Resp: 1295652
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 51.494 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013704.D
 Acq: 11 May 2023 09:20

Tgt Ion: 63 Resp: 240942
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.5 10.6
 100 4.2 2.2 6.6

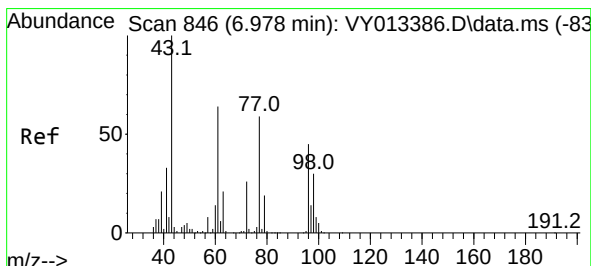
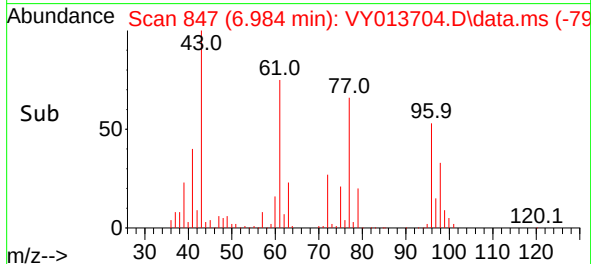
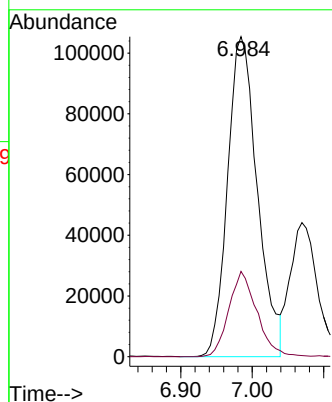
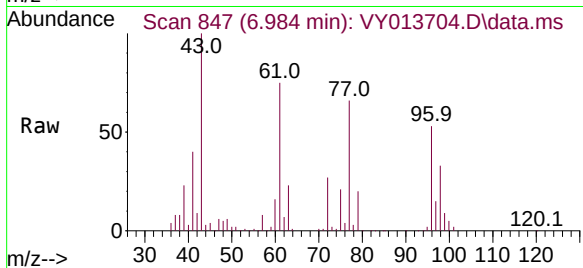




#25
2-Butanone
Concen: 250.417 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

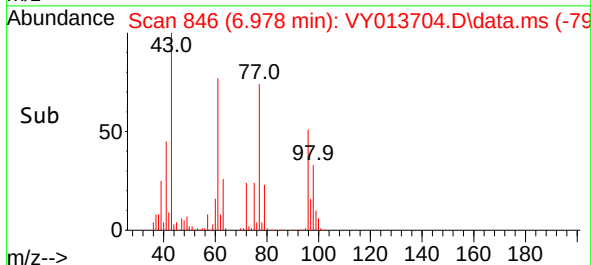
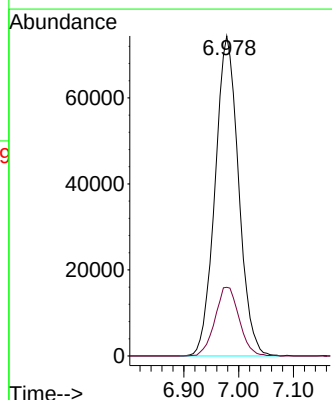
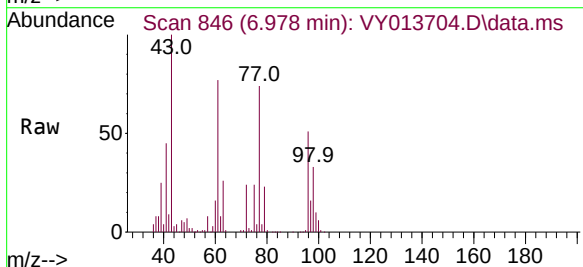
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

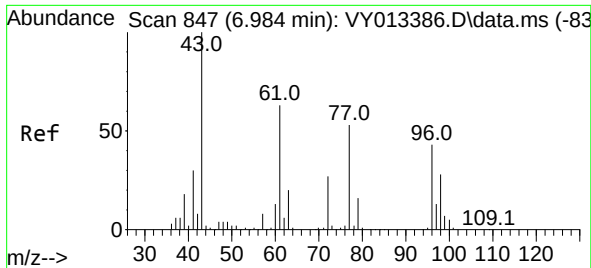
Tgt Ion: 43 Resp: 305379
Ion Ratio Lower Upper
43 100
72 26.7 21.9 32.9



#26
2,2-Dichloropropane
Concen: 54.947 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 77 Resp: 221542
Ion Ratio Lower Upper
77 100
97 22.1 11.8 35.4

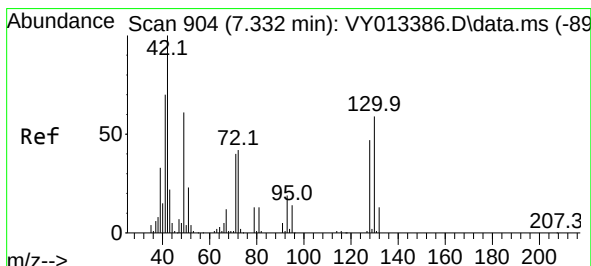
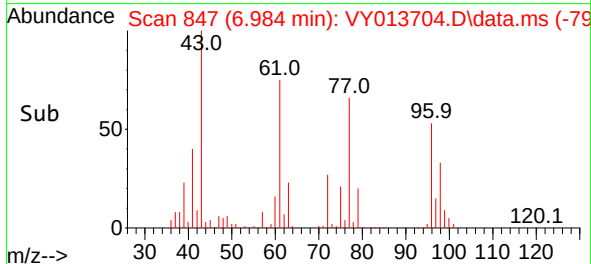
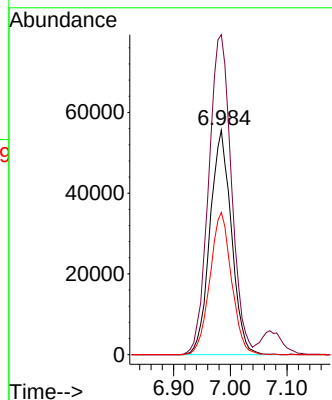
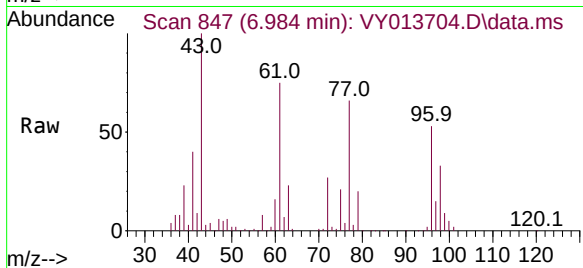




#27
 cis-1,2-Dichloroethene
 Concen: 52.262 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013704.D
 Acq: 11 May 2023 09:20

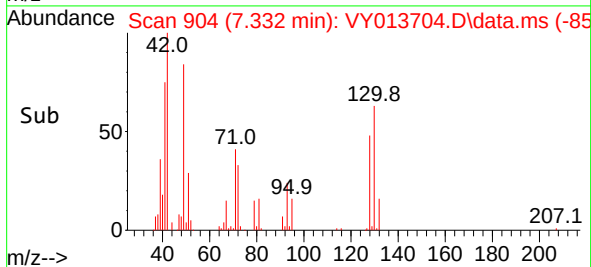
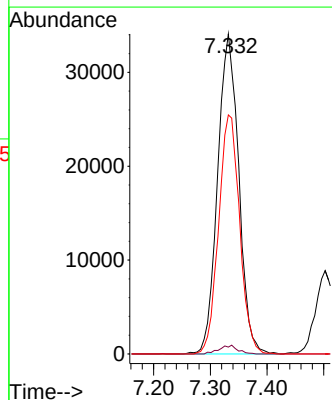
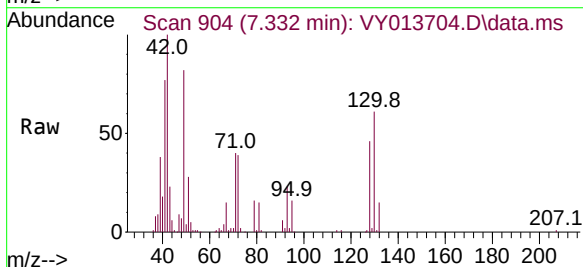
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

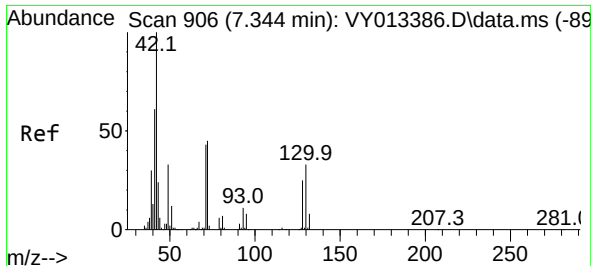
Tgt Ion: 96 Resp: 146149
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 285.0
 98 63.6 0.0 130.6



#28
 Bromochloromethane
 Concen: 53.058 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY013704.D
 Acq: 11 May 2023 09:20

Tgt Ion: 49 Resp: 88098
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.2
 130 74.4 72.1 108.1

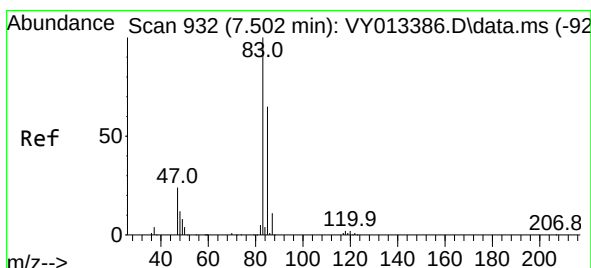
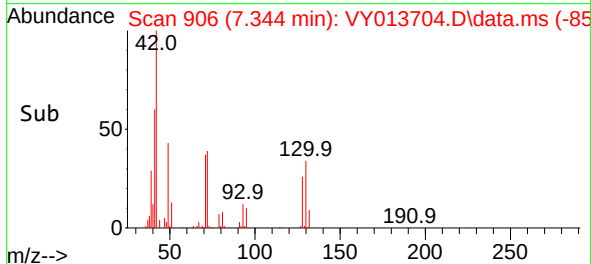
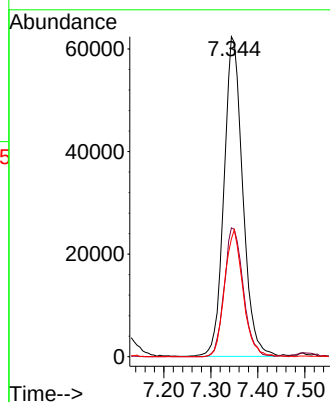
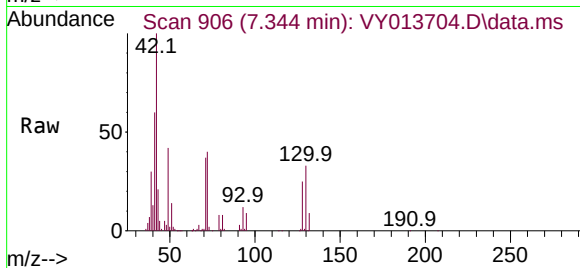




#29
Tetrahydrofuran
Concen: 228.333 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

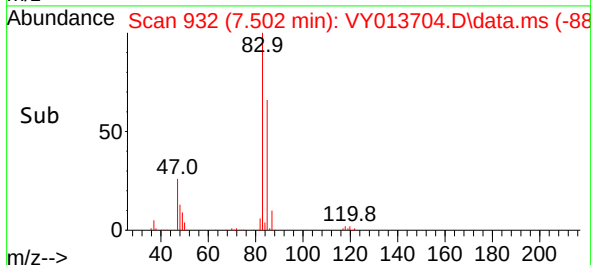
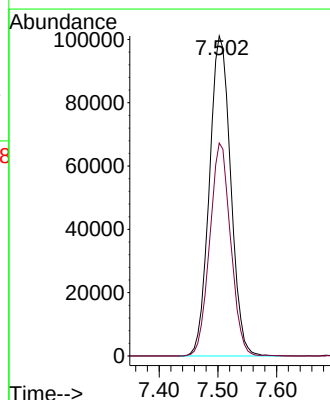
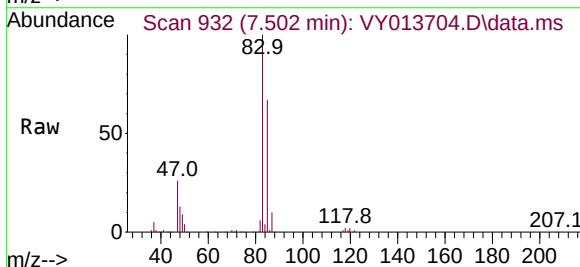
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

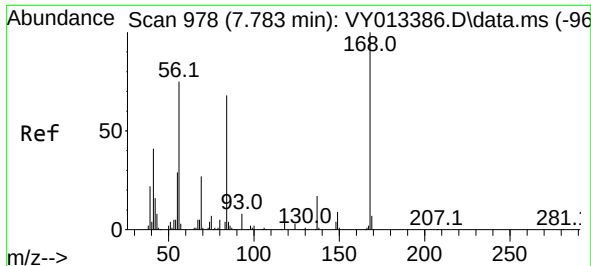
Tgt Ion: 42 Resp: 173328
Ion Ratio Lower Upper
42 100
72 40.9 35.9 53.9
71 38.9 34.3 51.5



#30
Chloroform
Concen: 54.677 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 83 Resp: 254368
Ion Ratio Lower Upper
83 100
85 66.6 52.0 78.0

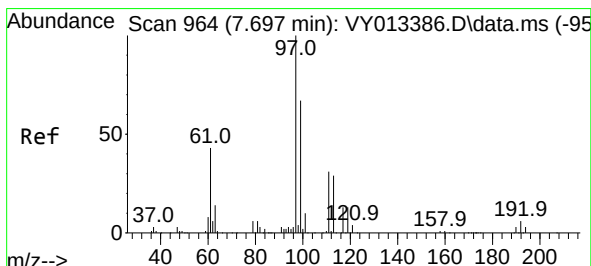
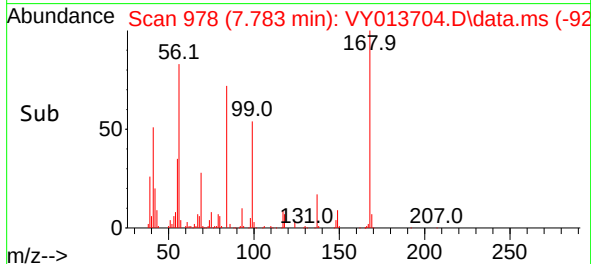
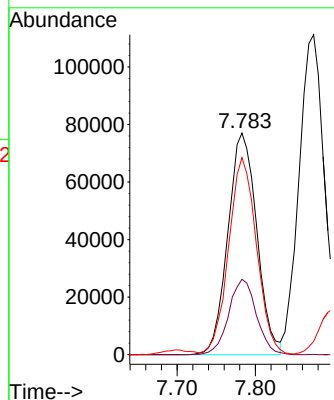
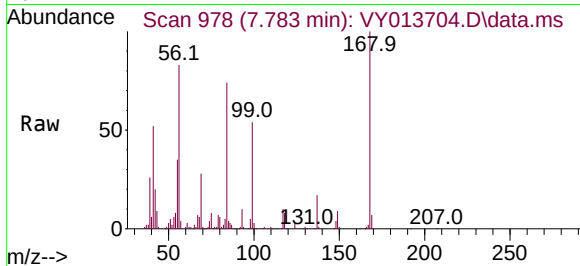




#31
Cyclohexane
Concen: 45.188 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

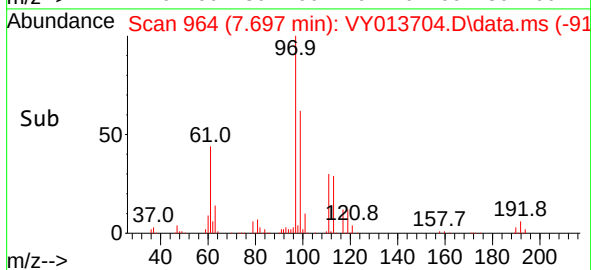
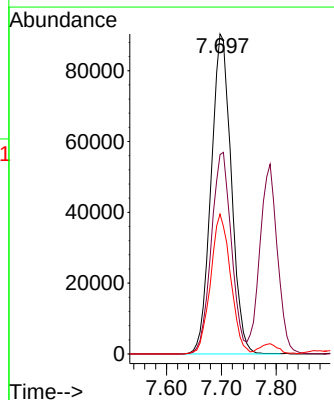
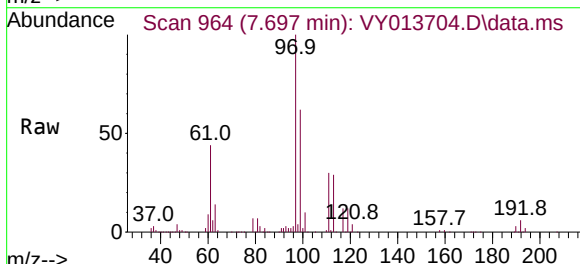
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

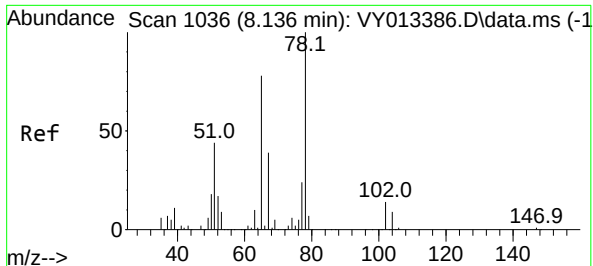
Tgt Ion: 56 Resp: 197546
Ion Ratio Lower Upper
56 100
69 34.0 29.2 43.8
84 86.9 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 55.556 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 97 Resp: 230634
Ion Ratio Lower Upper
97 100
99 63.0 52.2 78.2
61 43.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.689 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

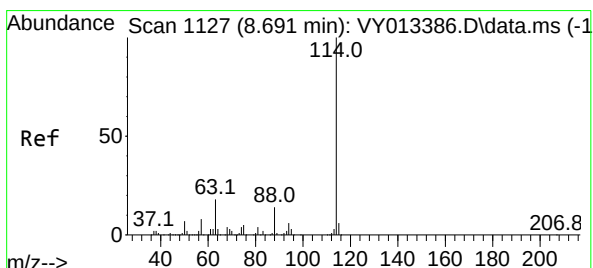
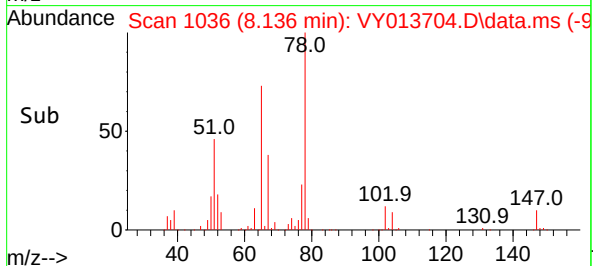
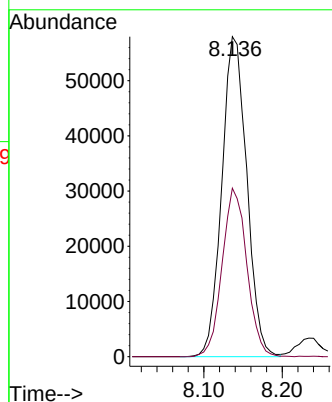
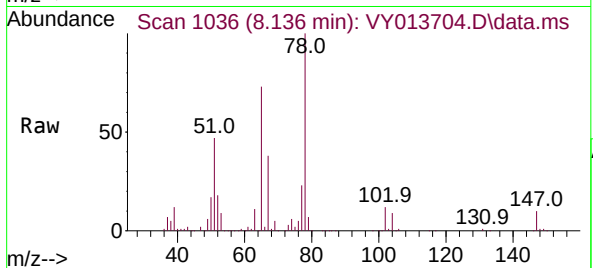
VSTDCCC050

Tgt Ion: 65 Resp: 128652

Ion Ratio Lower Upper

65 100

67 52.0 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: VY013704.D

Acq: 11 May 2023 09:20

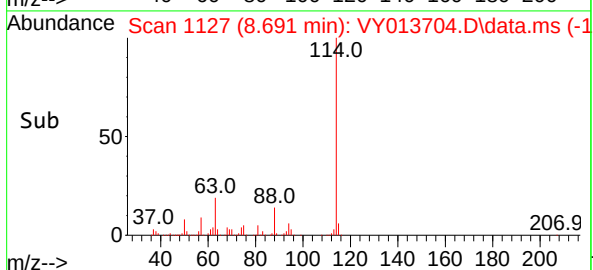
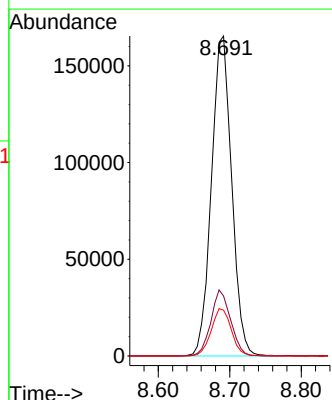
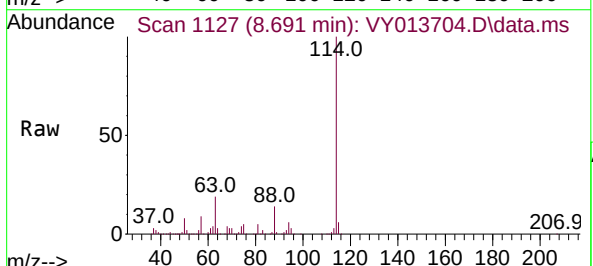
Tgt Ion: 114 Resp: 324995

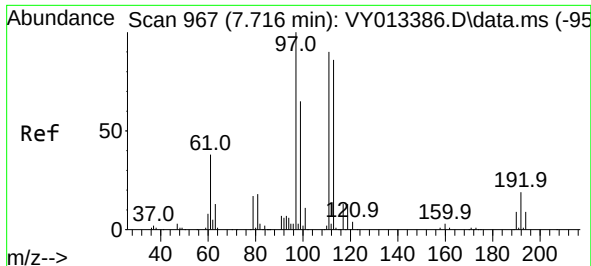
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.6

88 14.3 0.0 28.8

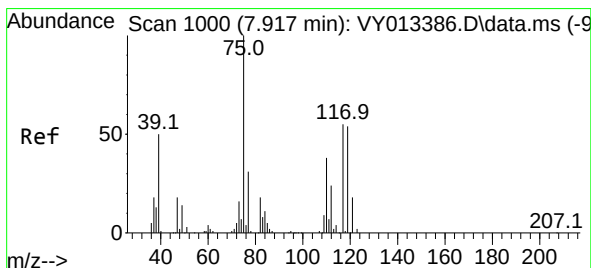
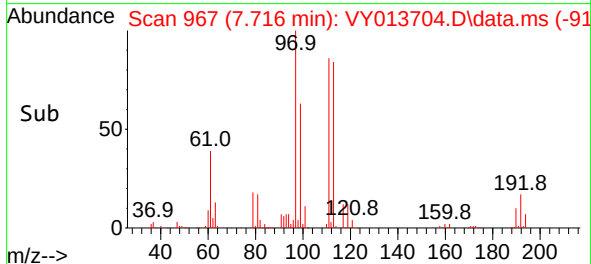
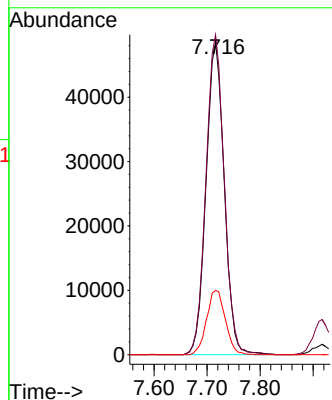
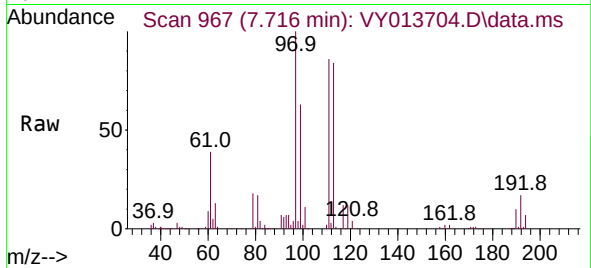




#35
Dibromofluoromethane
Concen: 56.565 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

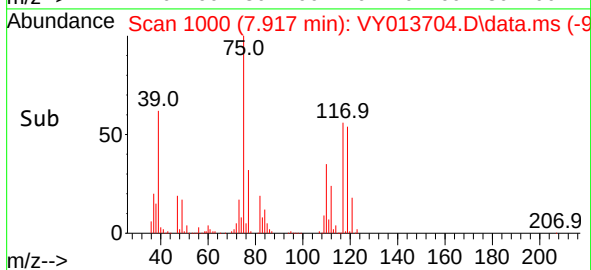
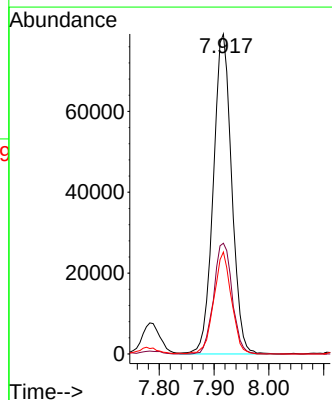
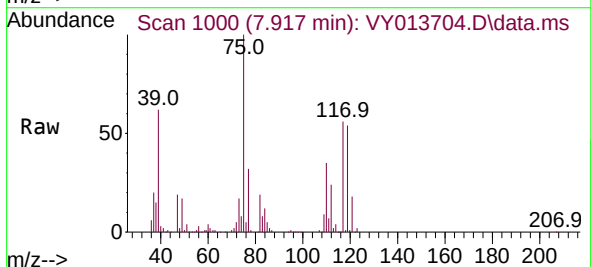
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

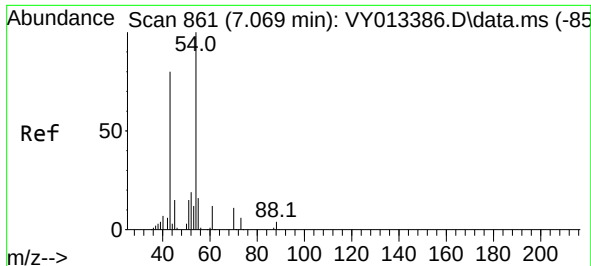
Tgt Ion:113 Resp: 115622
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 54.237 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 75 Resp: 183996
Ion Ratio Lower Upper
75 100
110 34.9 18.7 56.1
77 30.6 24.6 37.0





#37

Ethyl Acetate

Concen: 46.607 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.001 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

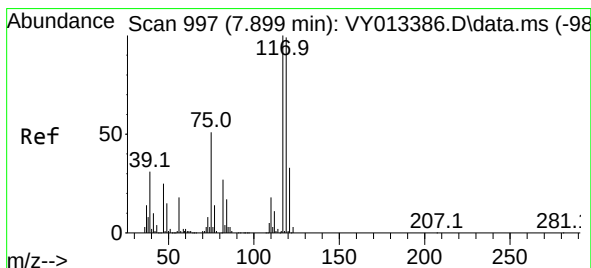
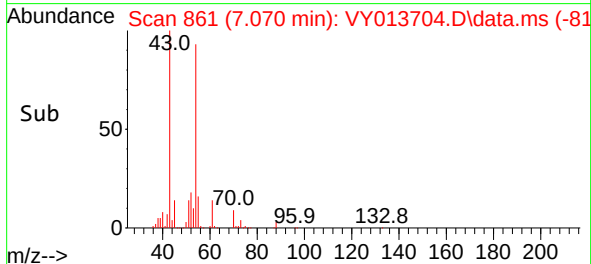
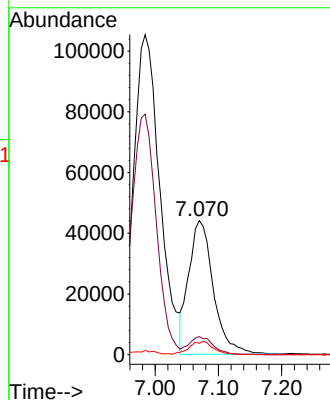
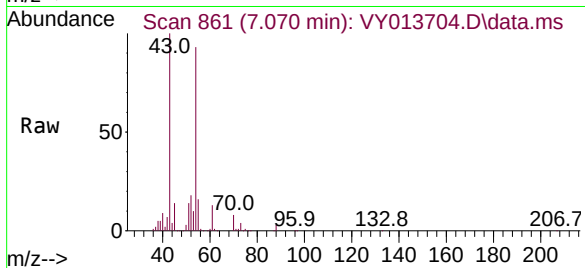
Tgt Ion: 43 Resp: 118983

Ion Ratio Lower Upper

43 100

61 13.5 11.4 17.0

70 9.9 7.9 11.9



#38

Carbon Tetrachloride

Concen: 58.762 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

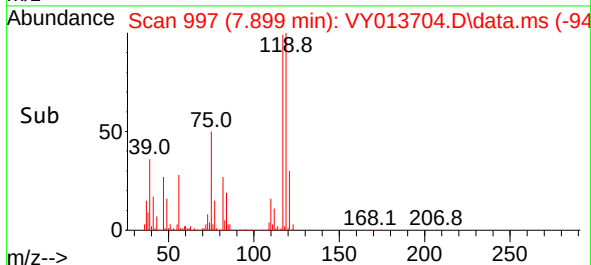
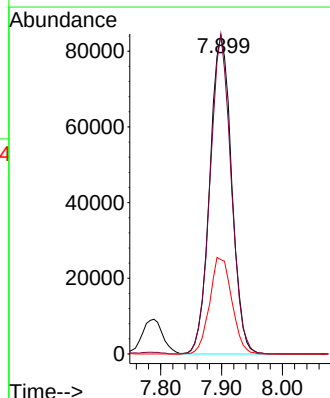
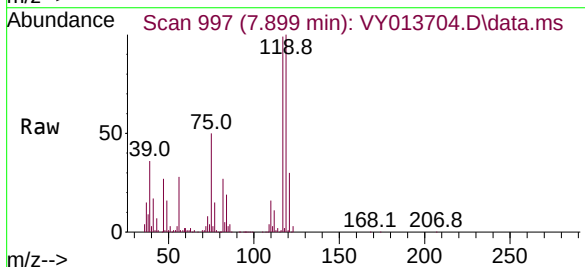
Tgt Ion: 117 Resp: 208937

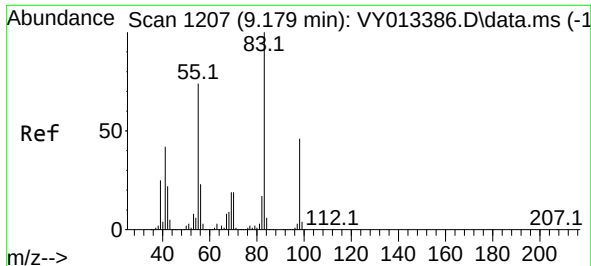
Ion Ratio Lower Upper

117 100

119 100.6 79.0 118.6

121 29.7 26.6 40.0





#39

Methylcyclohexane

Concen: 51.979 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

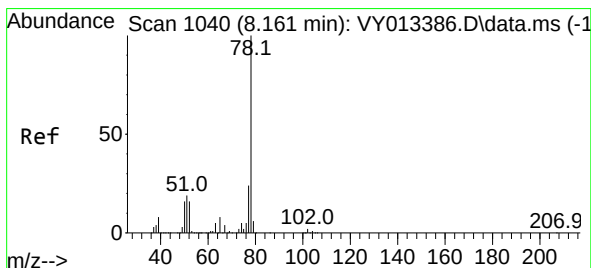
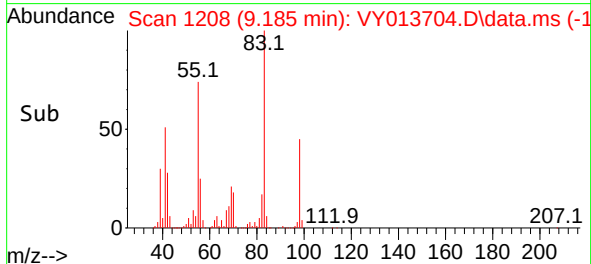
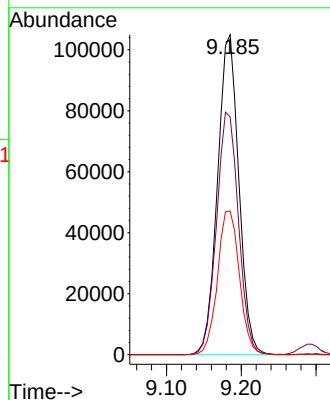
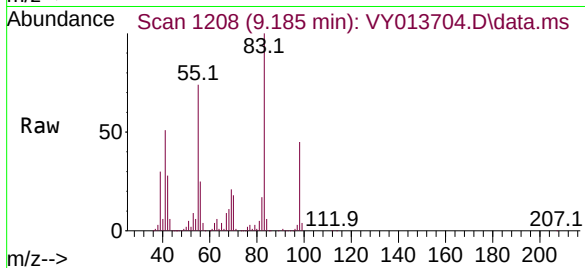
Tgt Ion: 83 Resp: 207882

Ion Ratio Lower Upper

83 100

55 74.3 59.0 88.4

98 44.9 37.0 55.4



#40

Benzene

Concen: 54.940 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013704.D

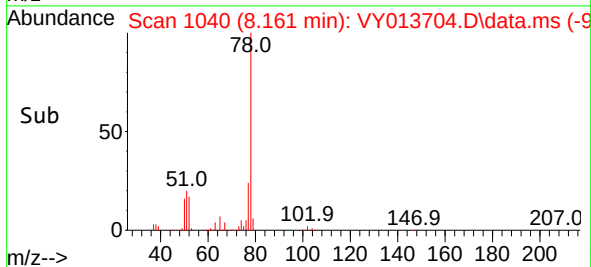
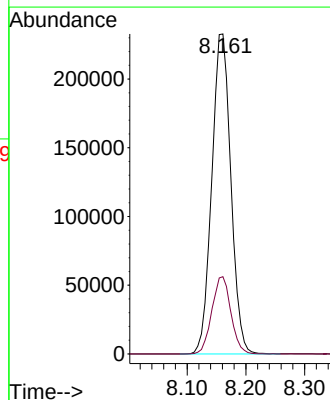
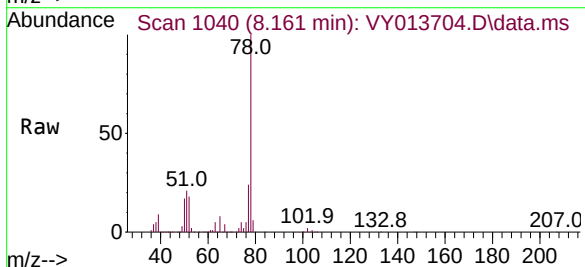
Acq: 11 May 2023 09:20

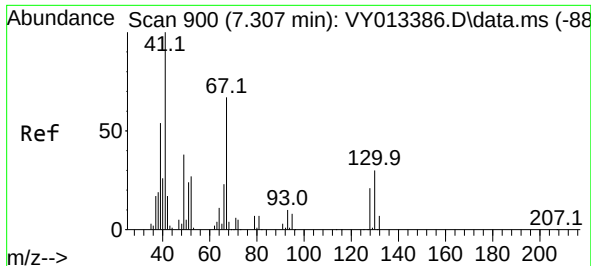
Tgt Ion: 78 Resp: 525010

Ion Ratio Lower Upper

78 100

77 24.1 19.2 28.8

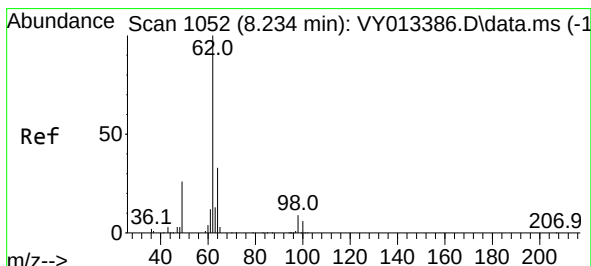
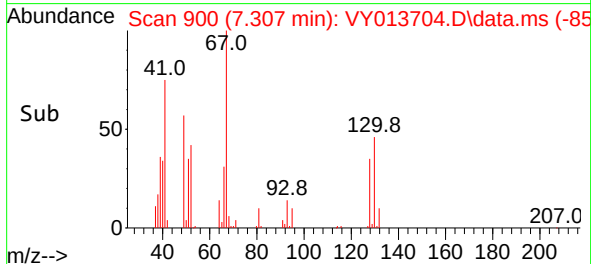
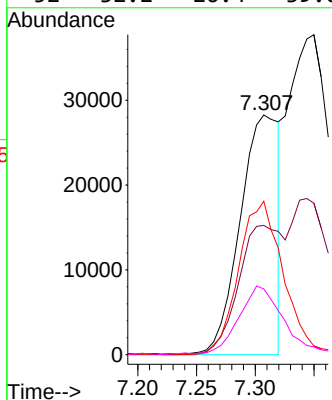
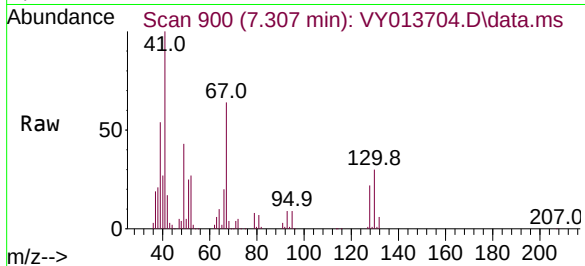




#41
Methacrylonitrile
Concen: 54.447 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

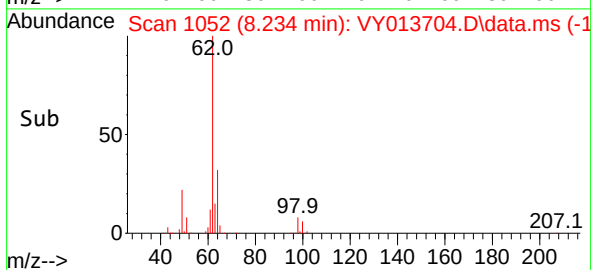
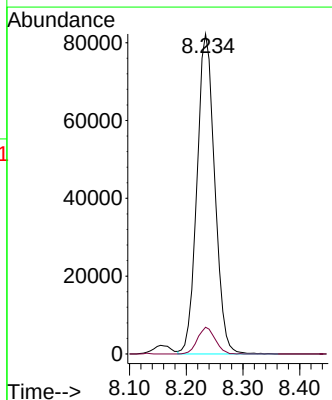
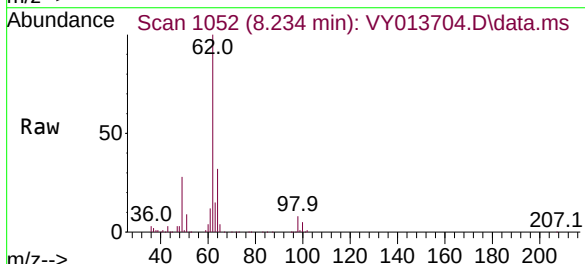
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

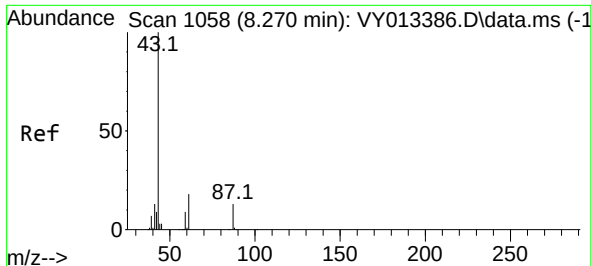
Tgt Ion:	41	Resp:	64772
Ion	Ratio	Lower	Upper
41	100		
39	62.8	44.2	66.4
67	74.2	62.9	94.3
52	32.2	26.4	39.6



#42
1,2-Dichloroethane
Concen: 57.126 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion:	62	Resp:	178473
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.8





#43

Isopropyl Acetate

Concen: 50.046 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. 0.001 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

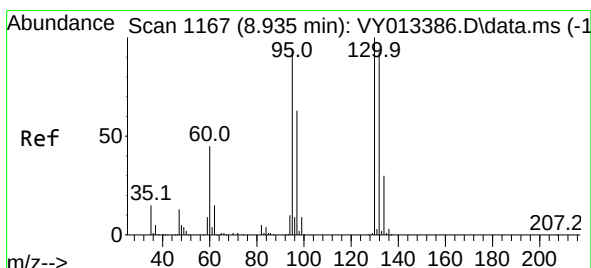
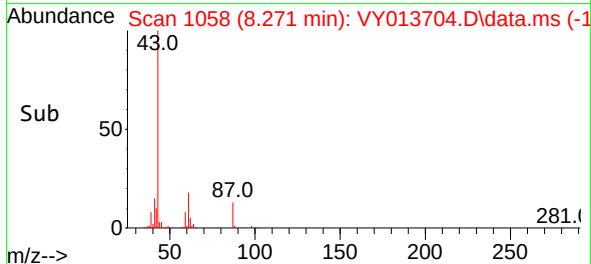
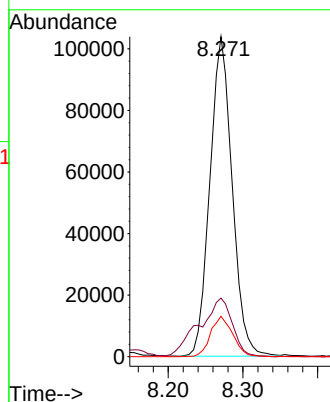
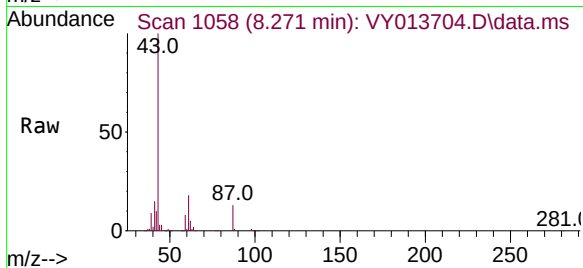
Tgt Ion: 43 Resp: 215649

Ion Ratio Lower Upper

43 100

61 27.2 22.2 33.4

87 12.5 11.0 16.6



#44

Trichloroethene

Concen: 55.038 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY013704.D

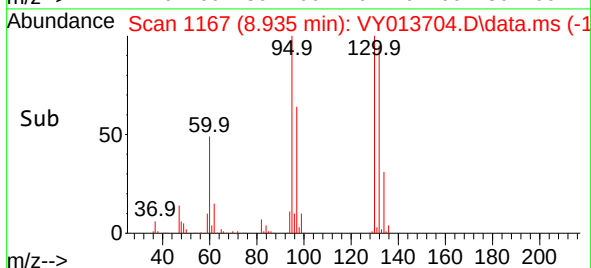
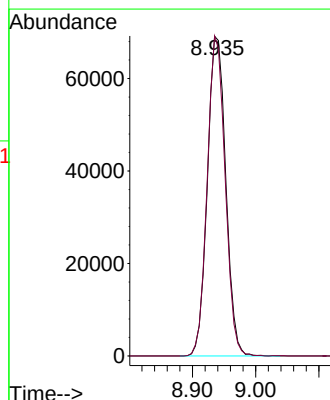
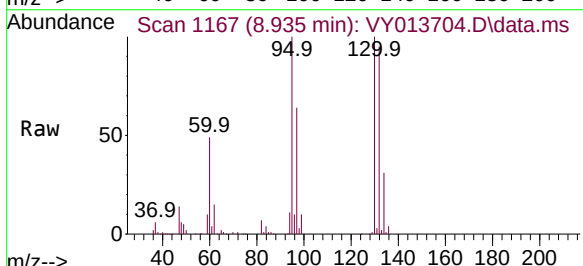
Acq: 11 May 2023 09:20

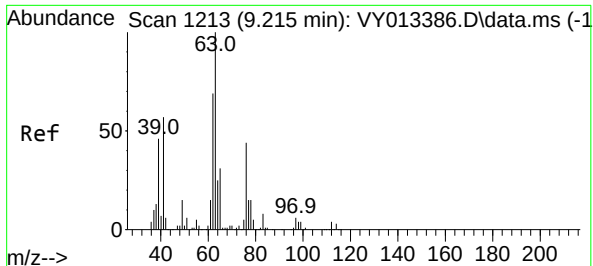
Tgt Ion:130 Resp: 139901

Ion Ratio Lower Upper

130 100

95 100.1 0.0 188.8





#45

1,2-Dichloropropane

Concen: 55.586 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

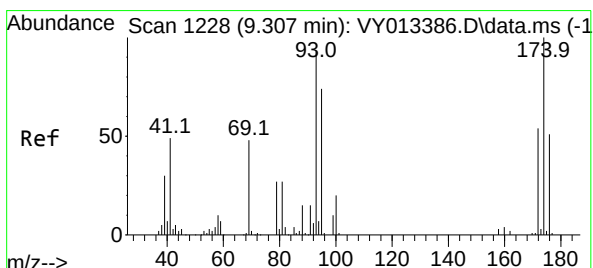
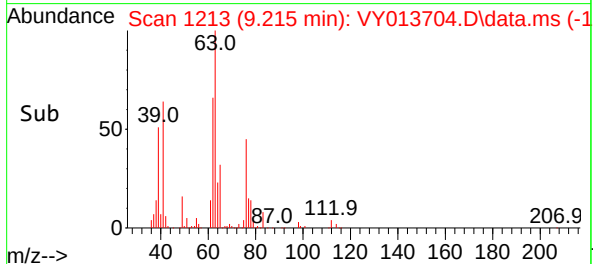
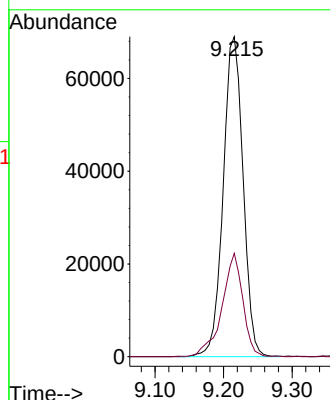
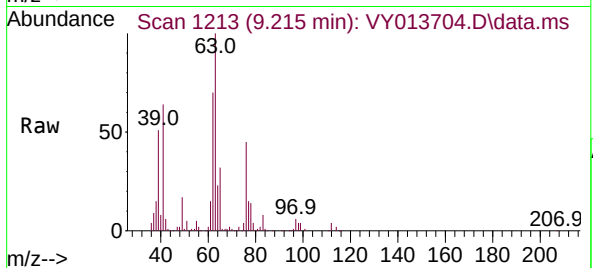
VSTDCCC050

Tgt Ion: 63 Resp: 138886

Ion Ratio Lower Upper

63 100

65 32.1 24.6 37.0



#46

Dibromomethane

Concen: 54.420 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

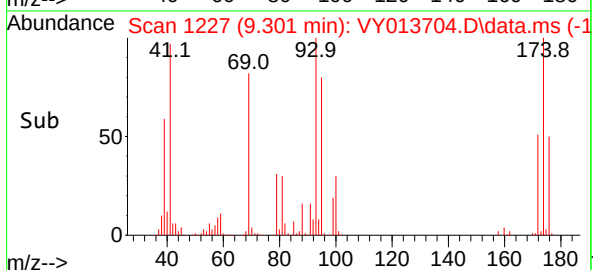
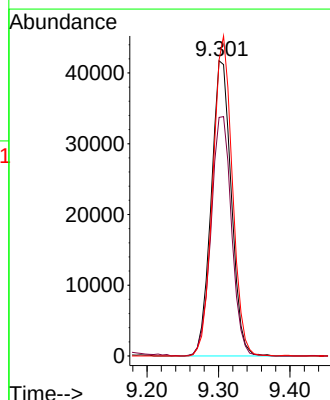
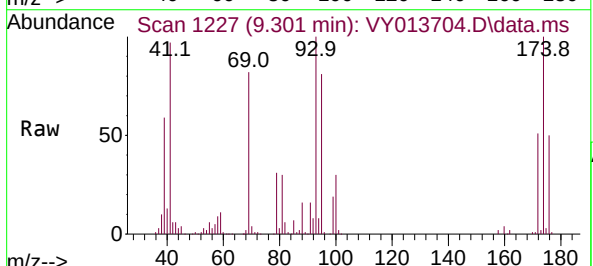
Tgt Ion: 93 Resp: 81357

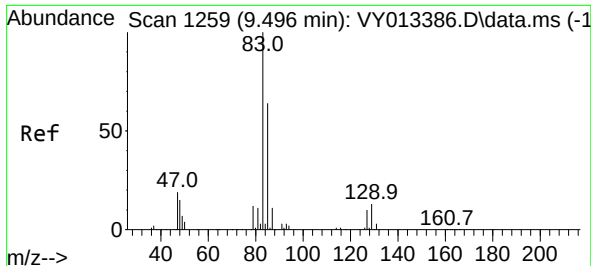
Ion Ratio Lower Upper

93 100

95 82.7 67.1 100.7

174 105.3 87.0 130.4





#47

Bromodichloromethane

Concen: 58.722 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

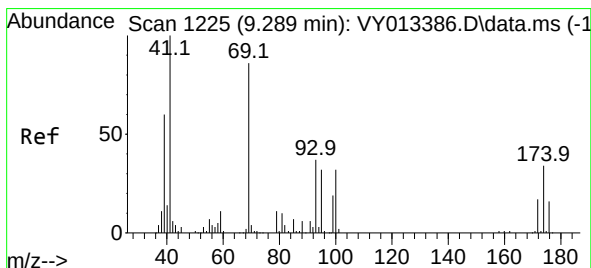
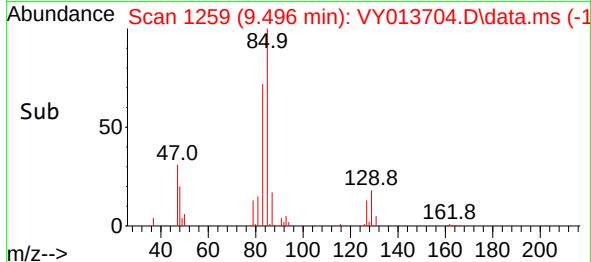
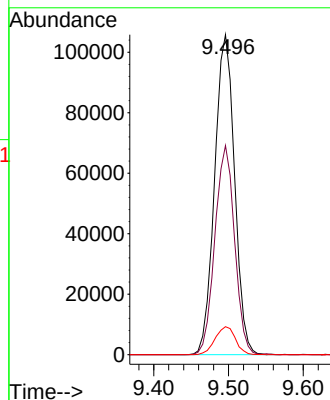
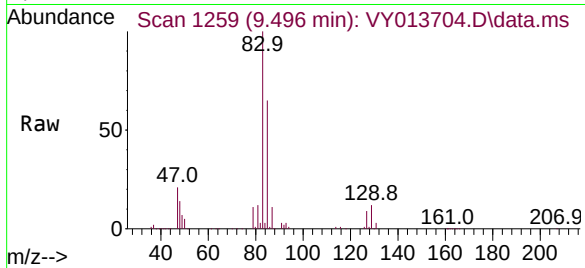
Tgt Ion: 83 Resp: 196439

Ion Ratio Lower Upper

83 100

85 65.4 51.4 77.2

127 8.7 8.1 12.1



#48

Methyl methacrylate

Concen: 50.943 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

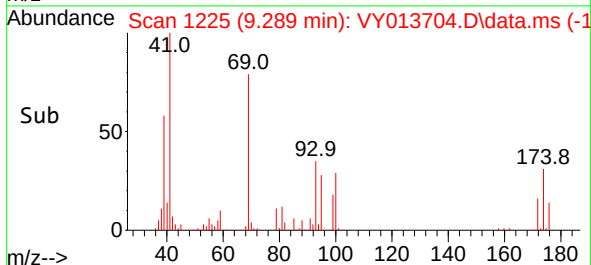
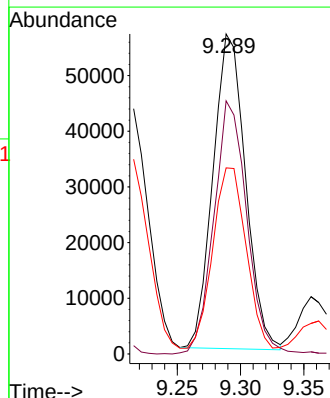
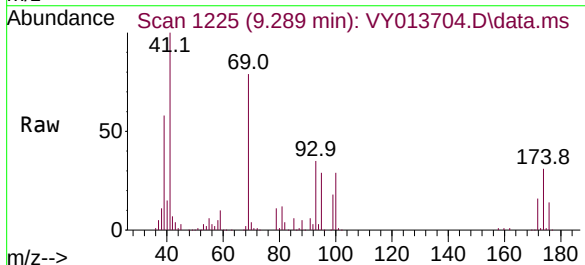
Tgt Ion: 41 Resp: 100816

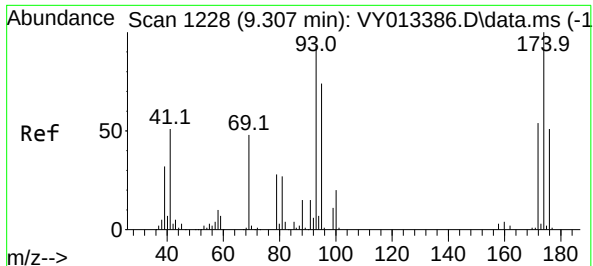
Ion Ratio Lower Upper

41 100

69 82.0 70.2 105.4

39 59.3 47.9 71.9





#49

1,4-Dioxane

Concen: 1023.580 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

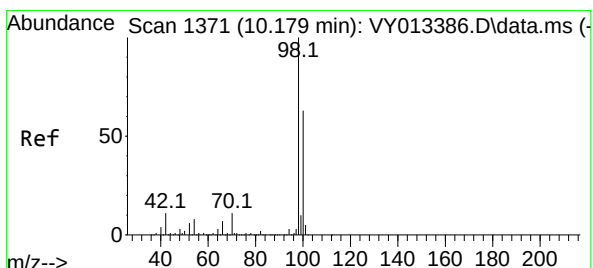
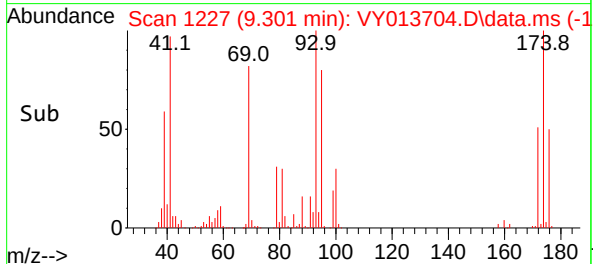
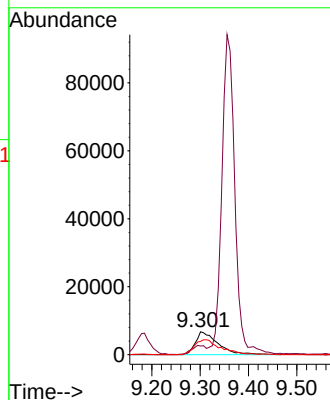
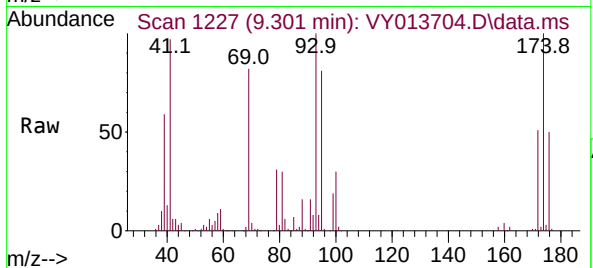
Tgt Ion: 88 Resp: 21855

Ion Ratio Lower Upper

88 100

43 24.6 16.8 25.2

58 75.2 54.3 81.5



#50

Toluene-d8

Concen: 53.025 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013704.D

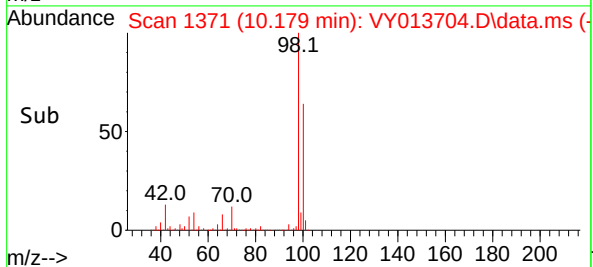
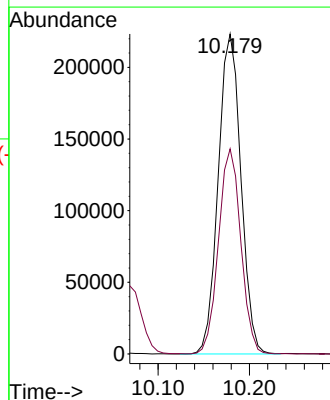
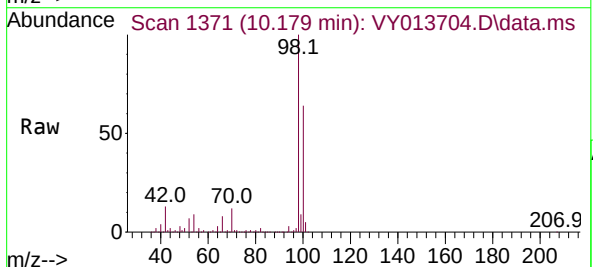
Acq: 11 May 2023 09:20

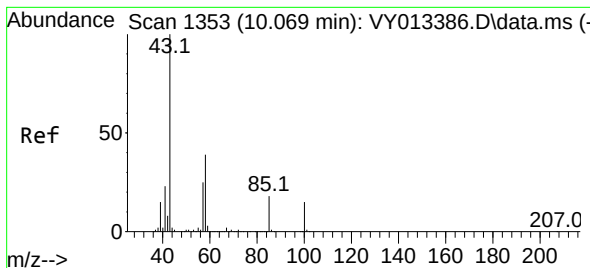
Tgt Ion: 98 Resp: 385573

Ion Ratio Lower Upper

98 100

100 63.0 50.5 75.7

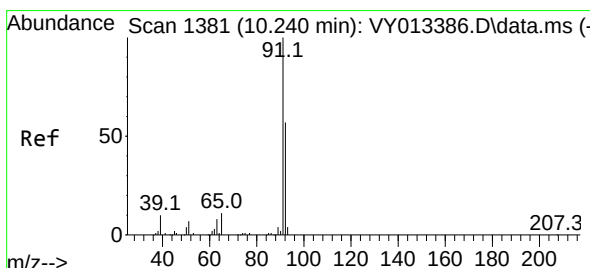
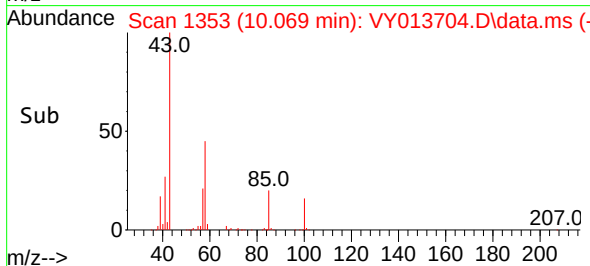
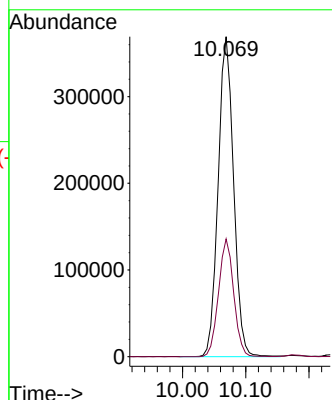
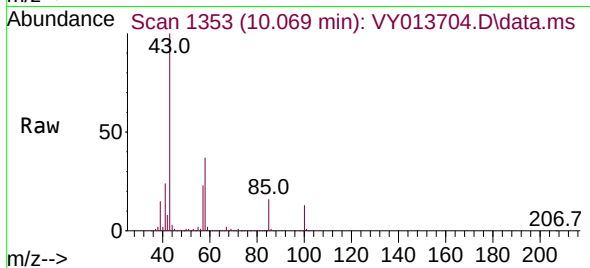




#51
4-Methyl-2-Pentanone
Concen: 259.659 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

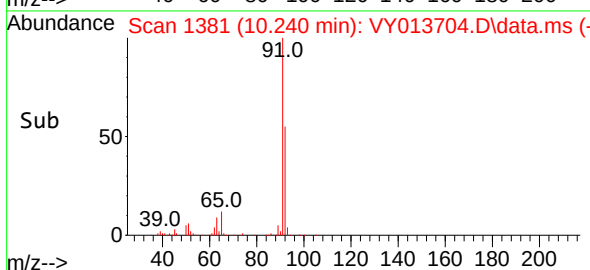
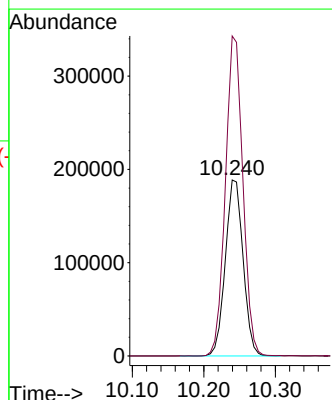
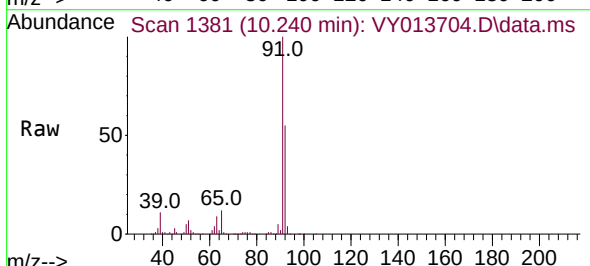
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

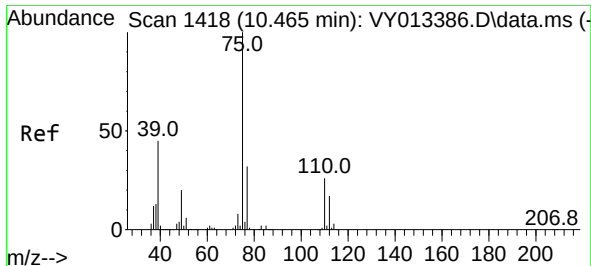
Tgt Ion: 43 Resp: 623492
Ion Ratio Lower Upper
43 100
58 36.2 30.6 46.0



#52
Toluene
Concen: 56.599 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 92 Resp: 325474
Ion Ratio Lower Upper
92 100
91 178.6 140.2 210.4

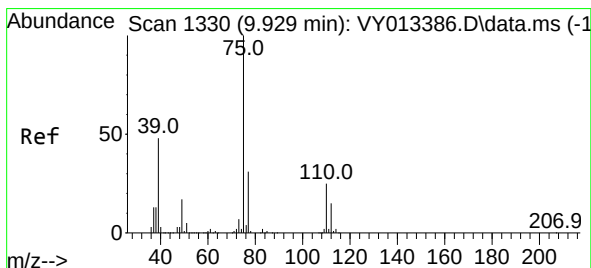
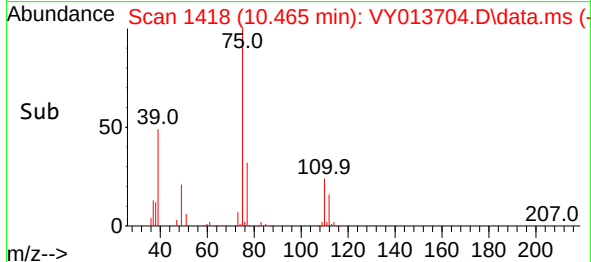
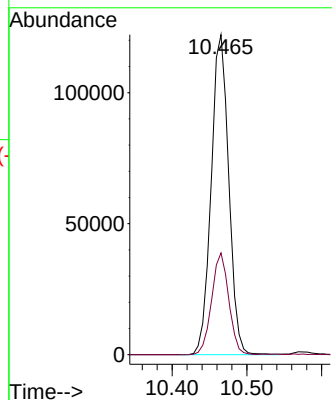
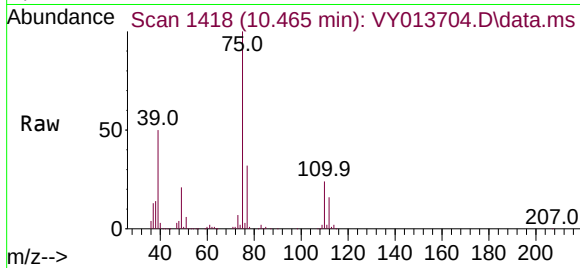




#53
 t-1,3-Dichloropropene
 Concen: 56.290 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY013704.D
 Acq: 11 May 2023 09:20

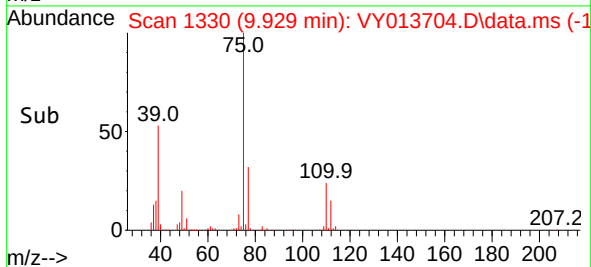
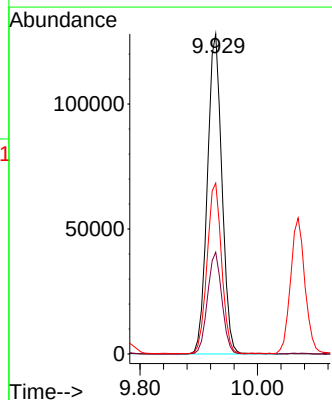
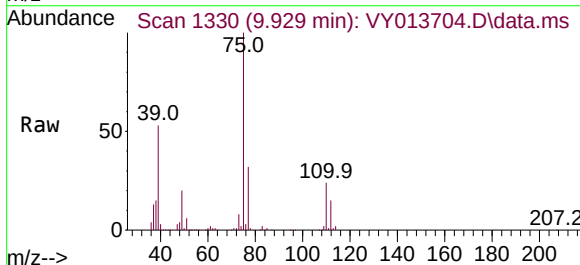
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

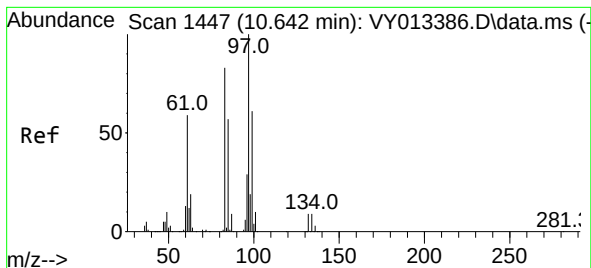
Tgt Ion: 75 Resp: 199290
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 55.245 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY013704.D
 Acq: 11 May 2023 09:20

Tgt Ion: 75 Resp: 220081
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.8 37.2
 39 53.3 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 55.584 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 110045

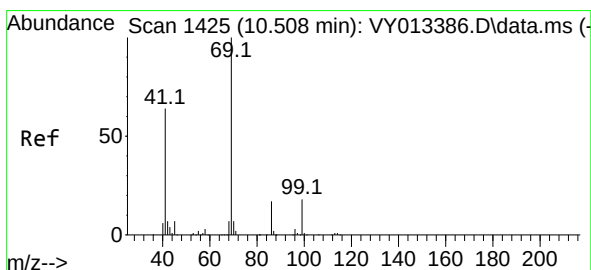
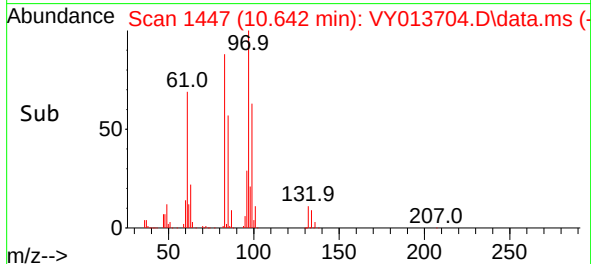
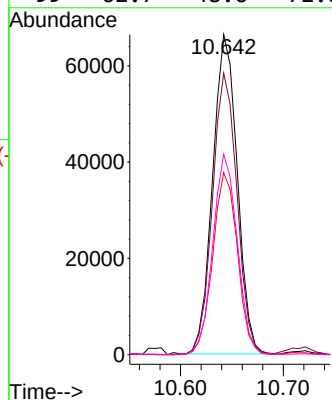
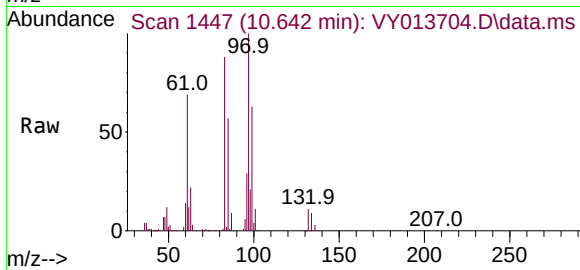
Ion Ratio Lower Upper

97 100

83 88.1 66.4 99.6

85 57.0 45.6 68.4

99 62.7 48.6 72.8



#56

Ethyl methacrylate

Concen: 54.472 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

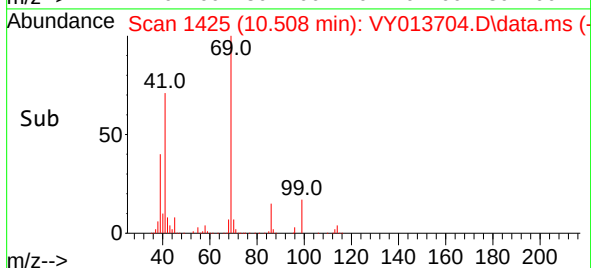
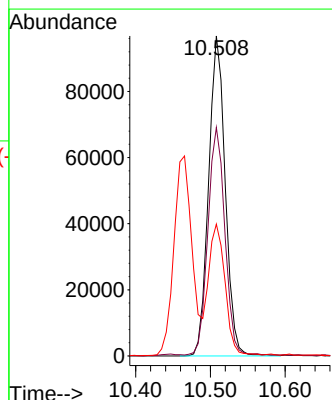
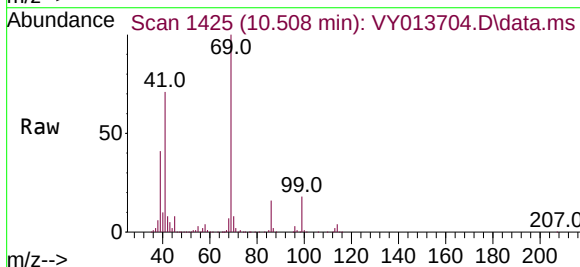
Tgt Ion: 69 Resp: 149618

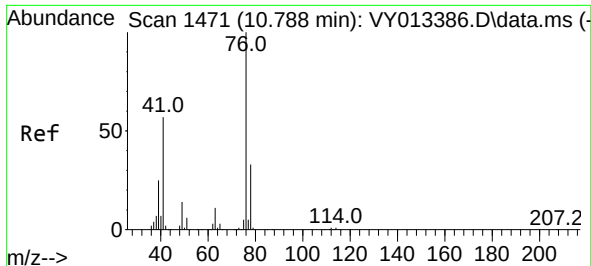
Ion Ratio Lower Upper

69 100

41 72.4 51.4 77.0

39 39.7 29.0 43.6





#57

1,3-Dichloropropane

Concen: 56.968 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

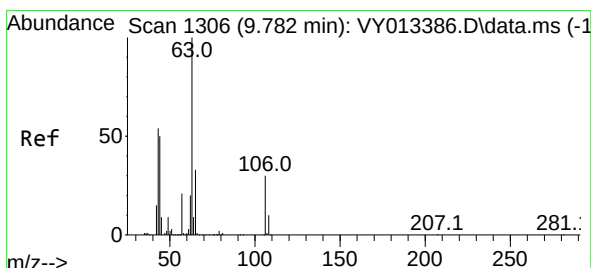
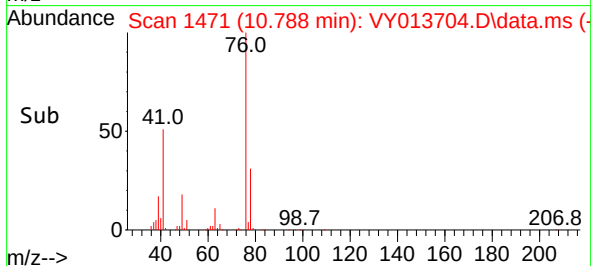
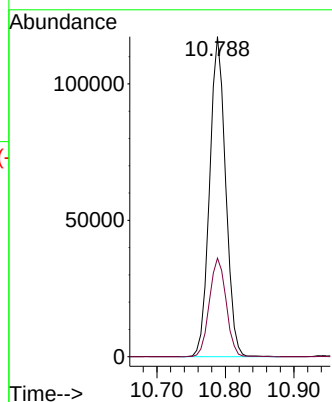
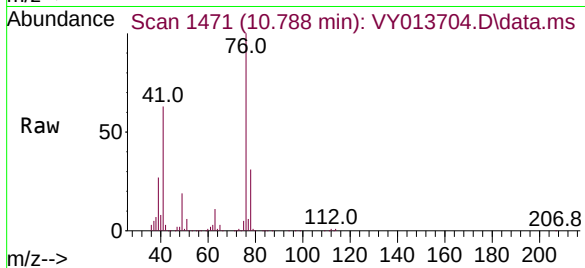
VSTDCCC050

Tgt Ion: 76 Resp: 191011

Ion Ratio Lower Upper

76 100

78 32.0 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 255.355 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013704.D

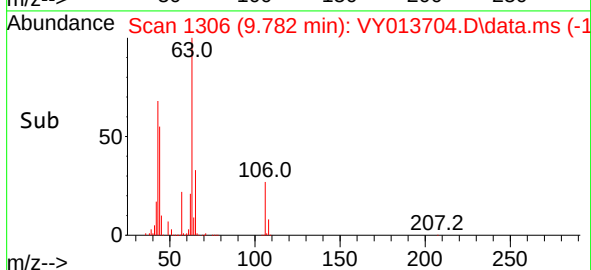
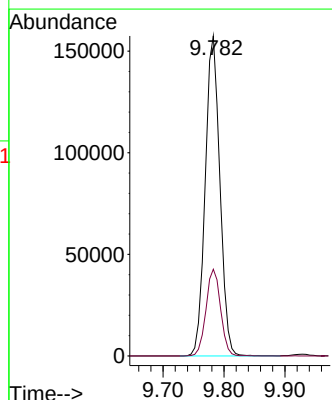
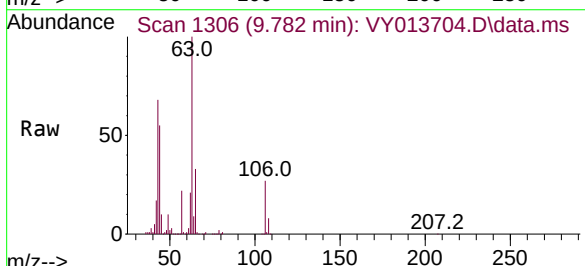
Acq: 11 May 2023 09:20

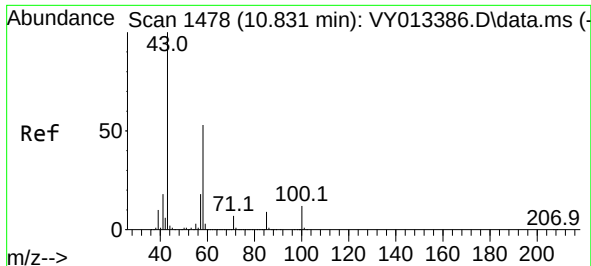
Tgt Ion: 63 Resp: 263005

Ion Ratio Lower Upper

63 100

106 27.0 23.5 35.3

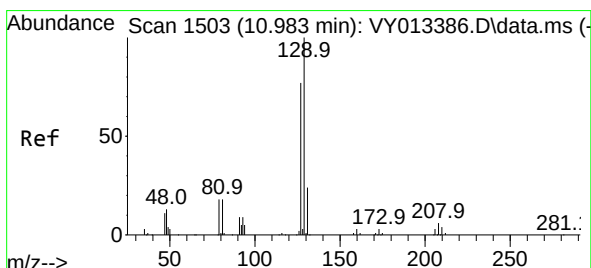
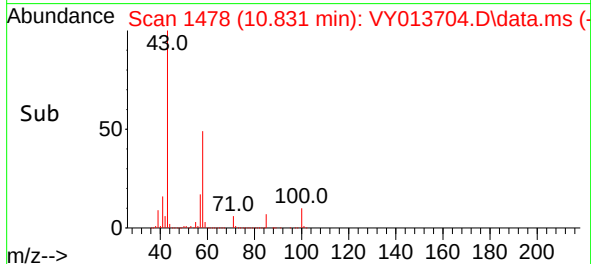
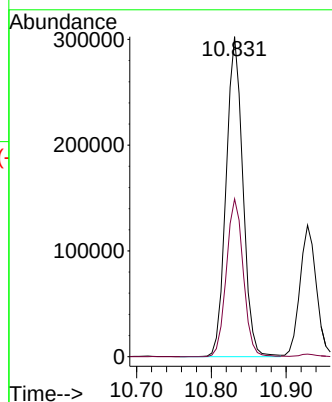
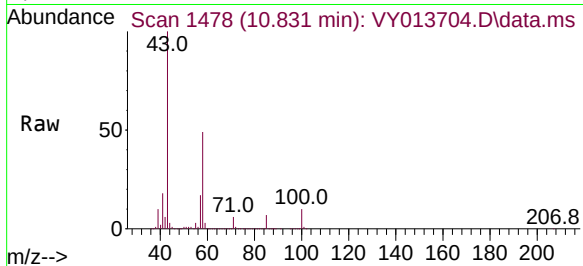




#59
2-Hexanone
Concen: 270.565 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

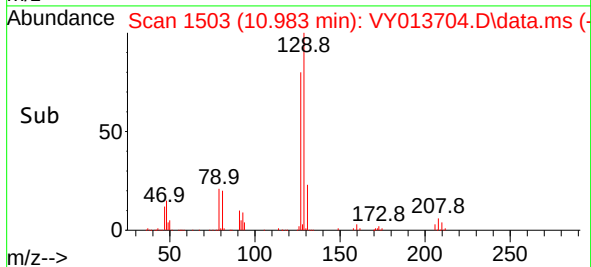
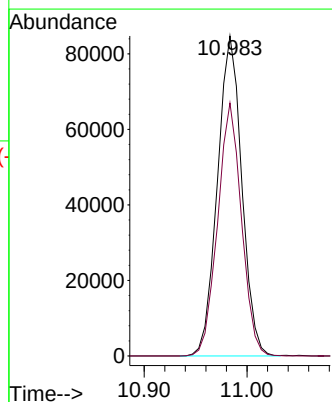
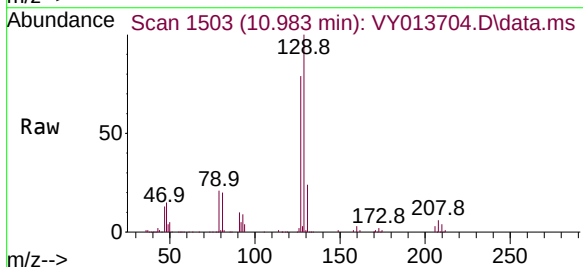
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

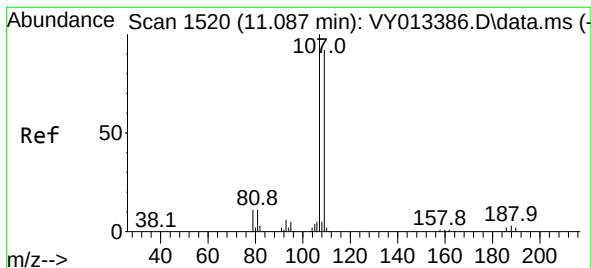
Tgt Ion: 43 Resp: 472264
Ion Ratio Lower Upper
43 100
58 49.8 26.3 78.8



#60
Dibromochloromethane
Concen: 57.985 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 129 Resp: 139393
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 54.633 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

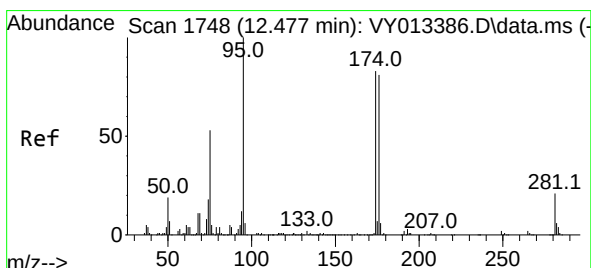
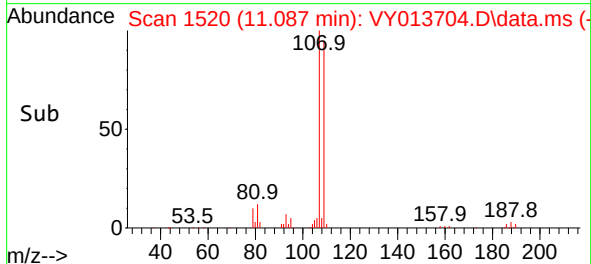
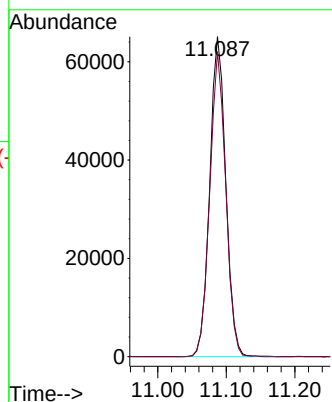
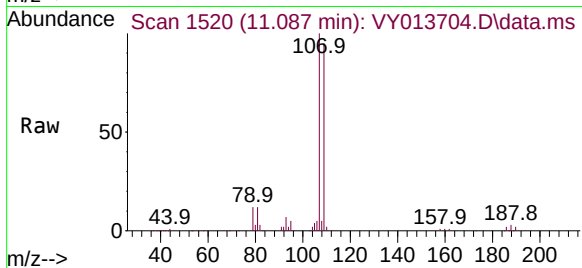
VSTDCCC050

Tgt Ion:107 Resp: 106342

Ion Ratio Lower Upper

107 100

109 94.3 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 58.524 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

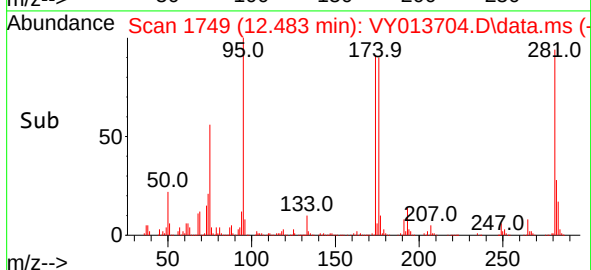
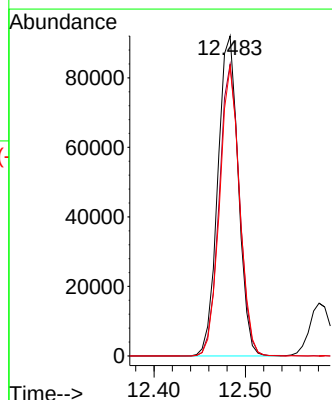
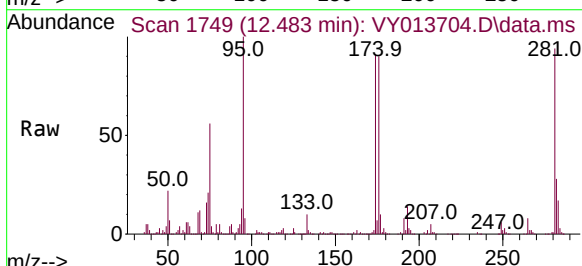
Tgt Ion: 95 Resp: 143467

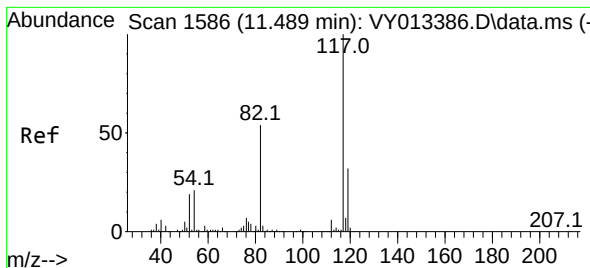
Ion Ratio Lower Upper

95 100

174 90.1 0.0 182.0

176 88.1 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: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

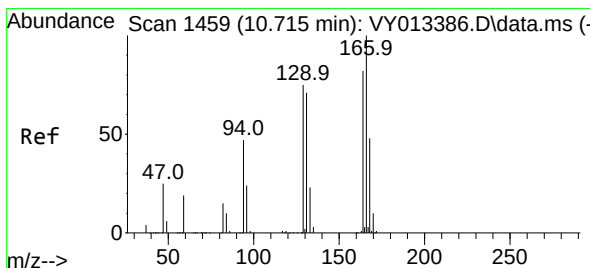
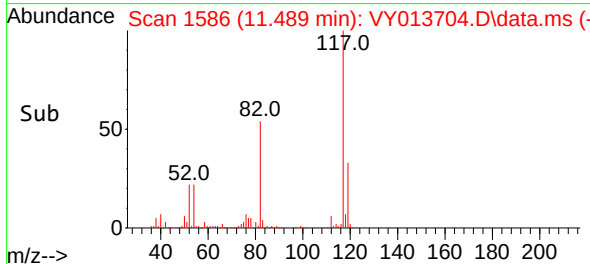
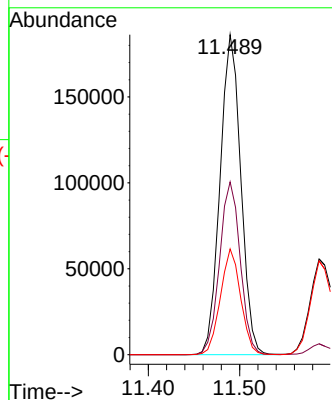
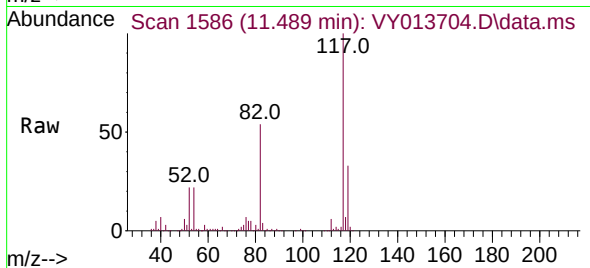
Tgt Ion:117 Resp: 294348

Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.6

119 33.1 25.5 38.3



#64

Tetrachloroethene

Concen: 54.909 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Tgt Ion:164 Resp: 122899

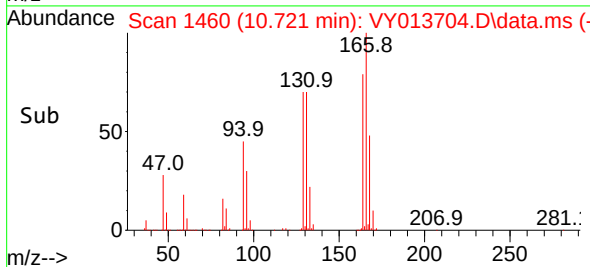
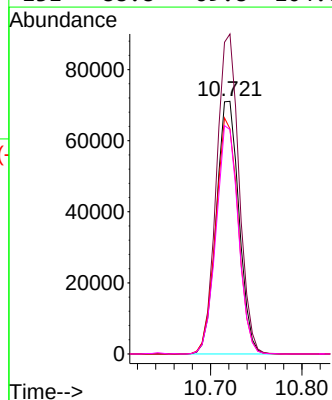
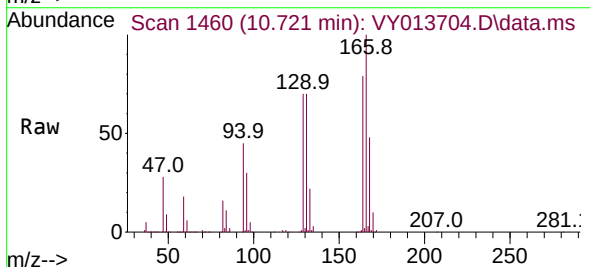
Ion Ratio Lower Upper

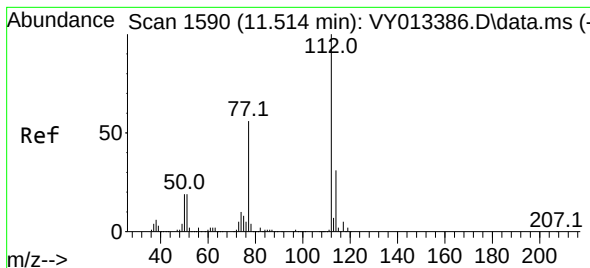
164 100

166 126.7 97.5 146.3

129 89.1 72.6 109.0

131 88.8 69.8 104.6





#65

Chlorobenzene

Concen: 54.918 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

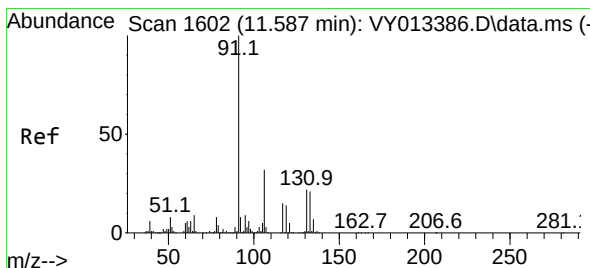
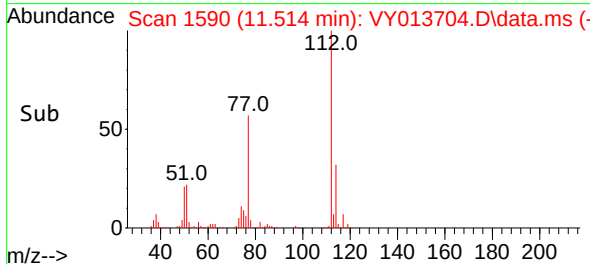
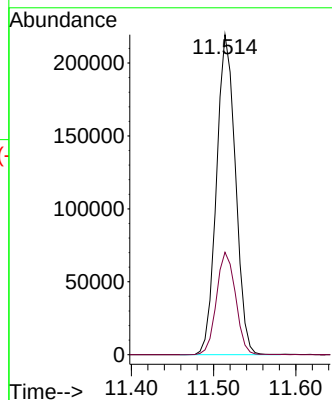
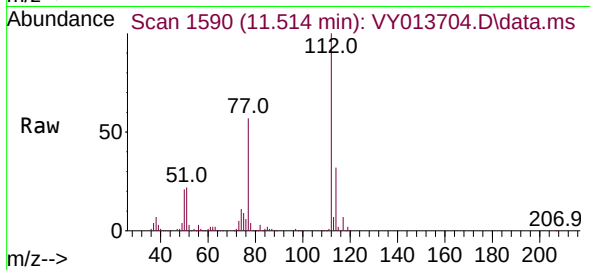
VSTDCCC050

Tgt Ion:112 Resp: 352138

Ion Ratio Lower Upper

112 100

114 32.0 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 59.217 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

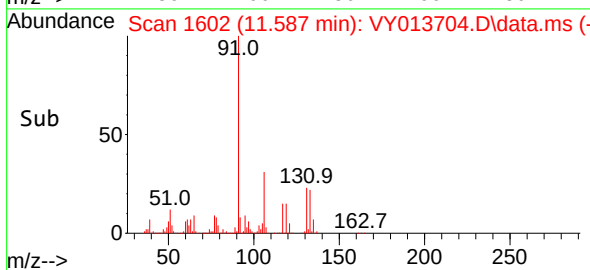
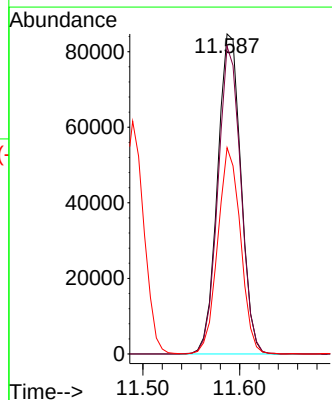
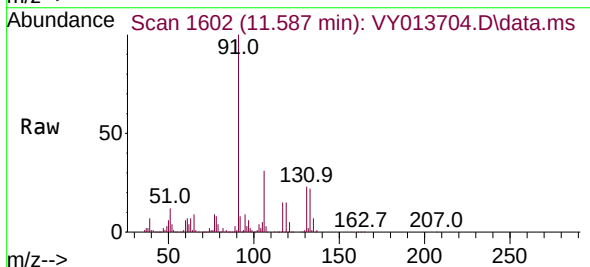
Tgt Ion:131 Resp: 142007

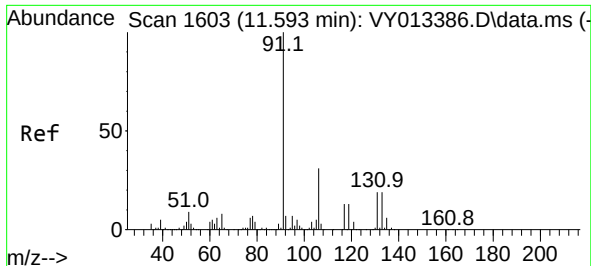
Ion Ratio Lower Upper

131 100

133 94.0 47.7 143.1

119 62.8 32.6 98.0





#67

Ethyl Benzene

Concen: 56.539 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

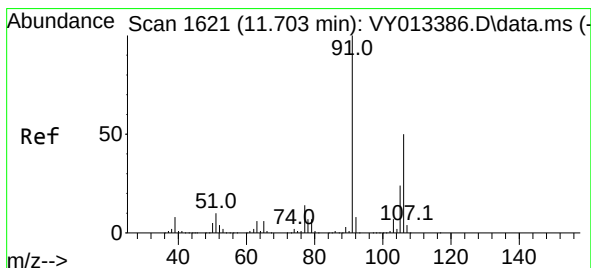
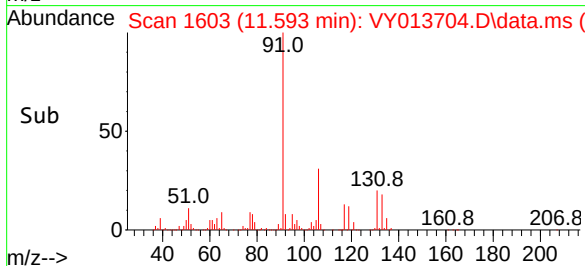
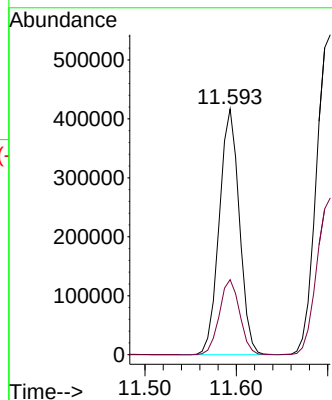
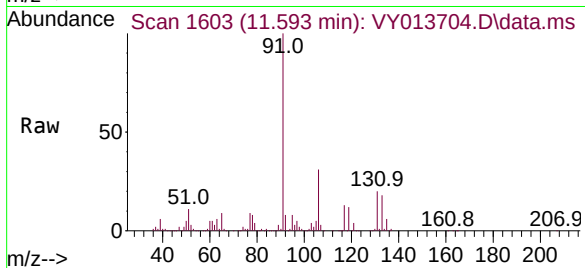
VSTDCCC050

Tgt Ion: 91 Resp: 636598

Ion Ratio Lower Upper

91 100

106 30.5 25.1 37.7



#68

m/p-Xylenes

Concen: 113.303 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY013704.D

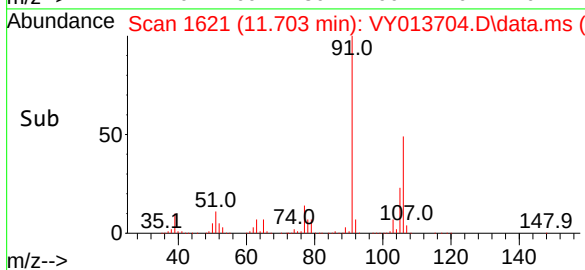
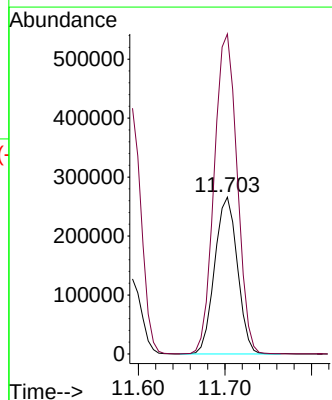
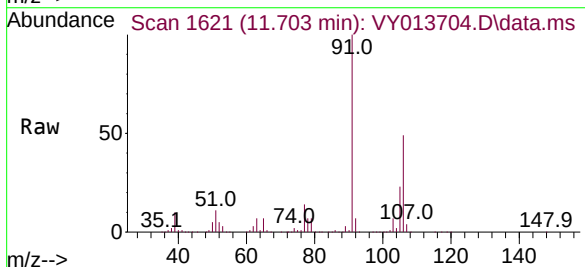
Acq: 11 May 2023 09:20

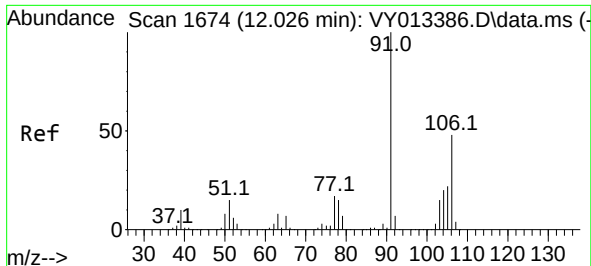
Tgt Ion: 106 Resp: 484978

Ion Ratio Lower Upper

106 100

91 206.2 160.9 241.3

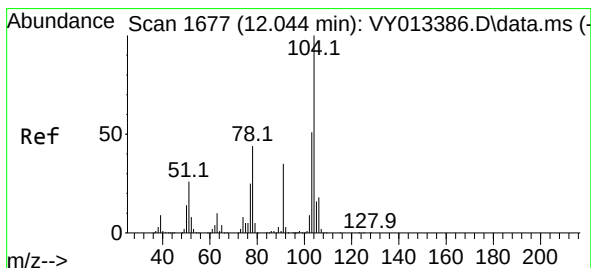
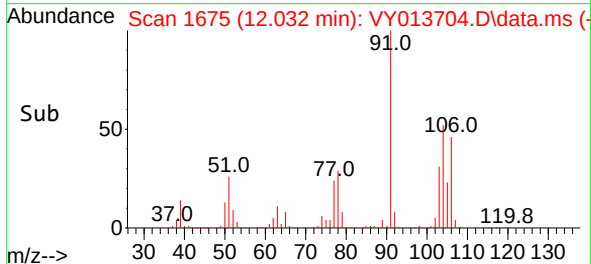
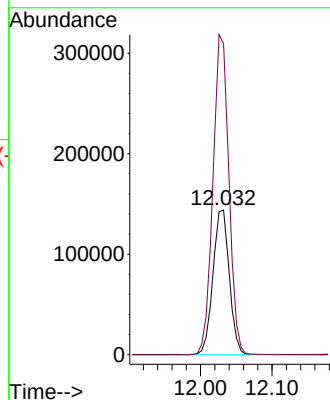
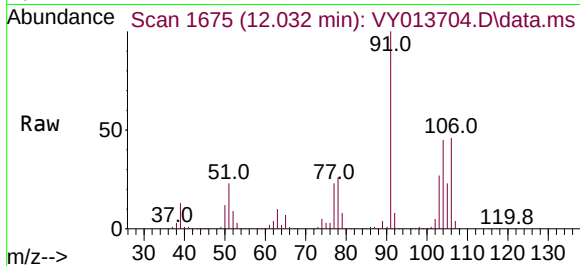




#69
o-Xylene
Concen: 56.483 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

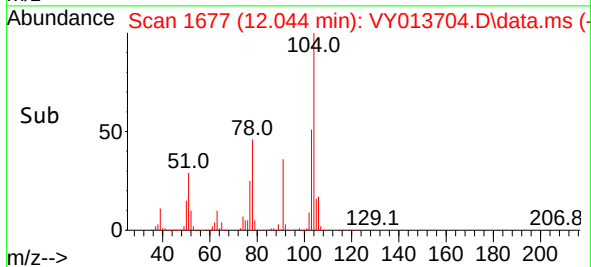
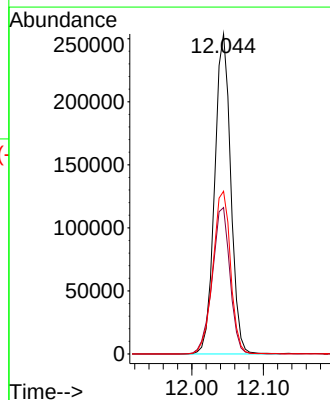
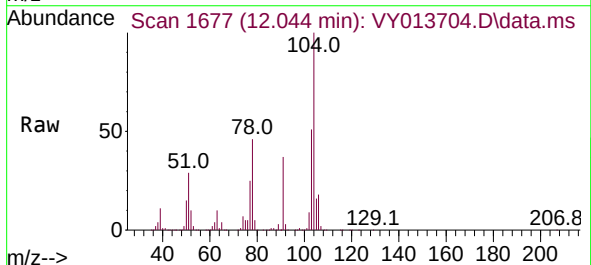
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

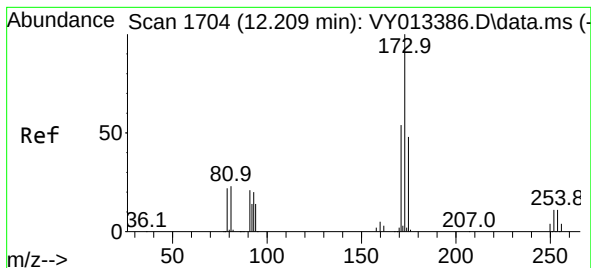
Tgt Ion:106 Resp: 228651
Ion Ratio Lower Upper
106 100
91 215.7 105.5 316.4



#70
Styrene
Concen: 58.463 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion:104 Resp: 395715
Ion Ratio Lower Upper
104 100
78 50.5 40.3 60.5
103 55.9 45.0 67.4





#71

Bromoform

Concen: 56.504 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

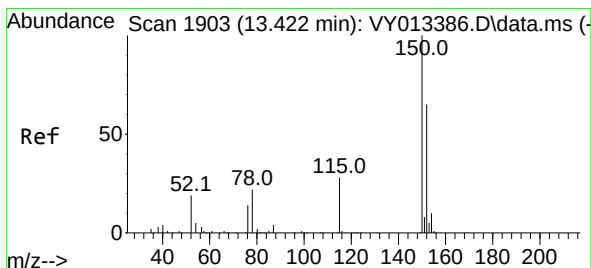
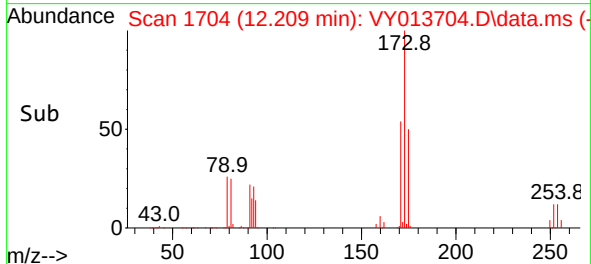
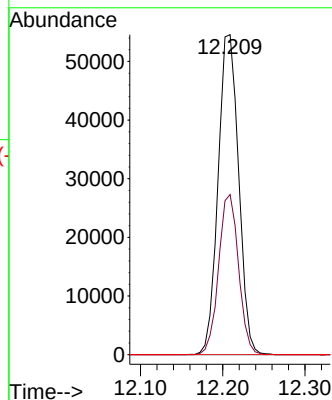
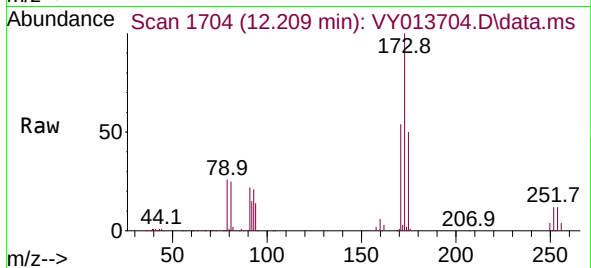
Tgt Ion:173 Resp: 94911

Ion Ratio Lower Upper

173 100

175 48.6 24.3 72.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

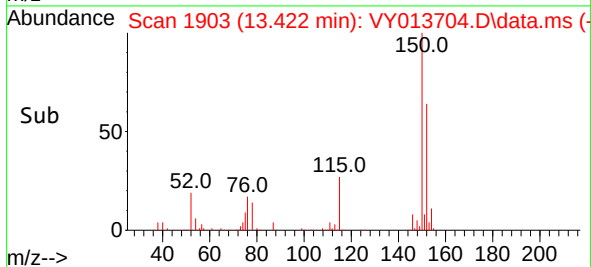
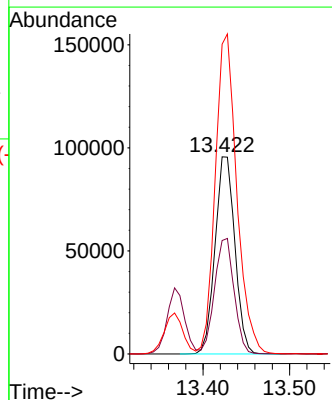
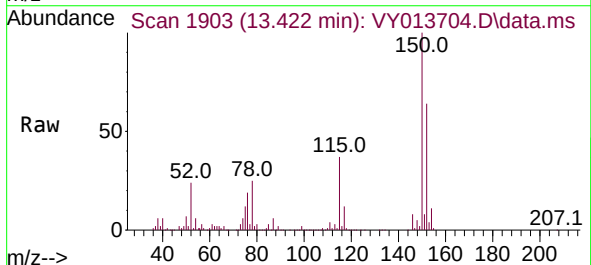
Tgt Ion:152 Resp: 152362

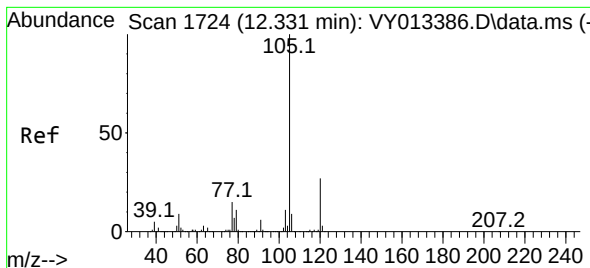
Ion Ratio Lower Upper

152 100

115 57.3 28.1 84.2

150 175.7 0.0 352.0





#73

Isopropylbenzene

Concen: 53.167 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

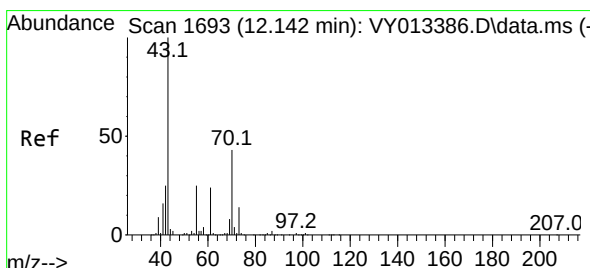
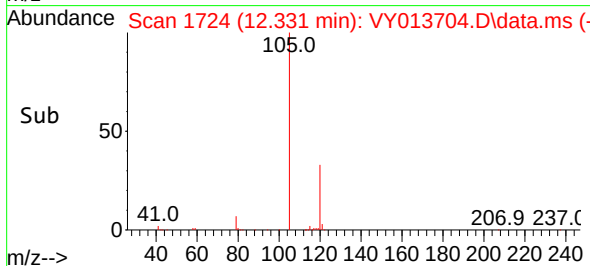
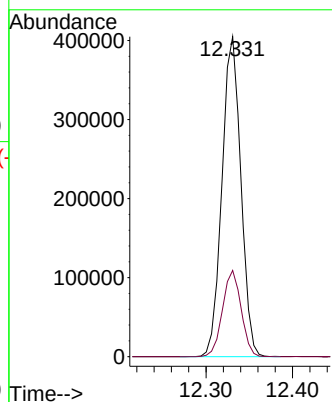
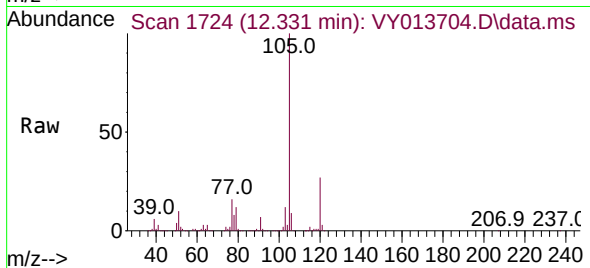
VSTDCCC050

Tgt Ion:105 Resp: 612702

Ion Ratio Lower Upper

105 100

120 26.5 13.7 41.0



#74

N-ethyl acetate

Concen: 46.909 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Tgt Ion: 43 Resp: 192374

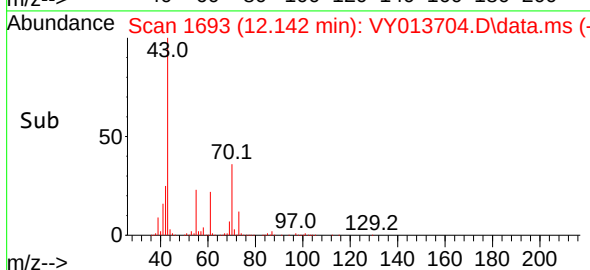
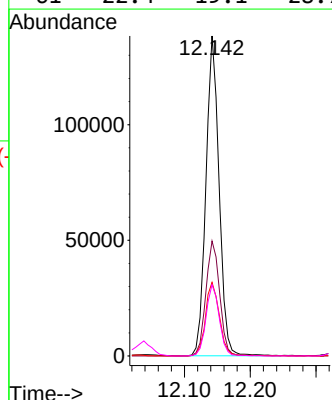
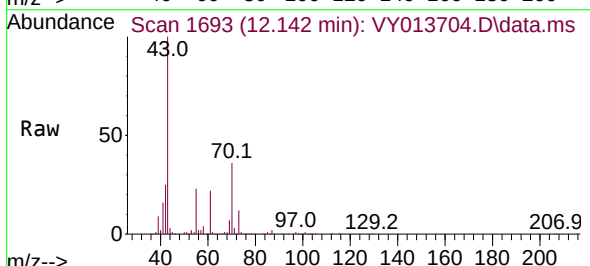
Ion Ratio Lower Upper

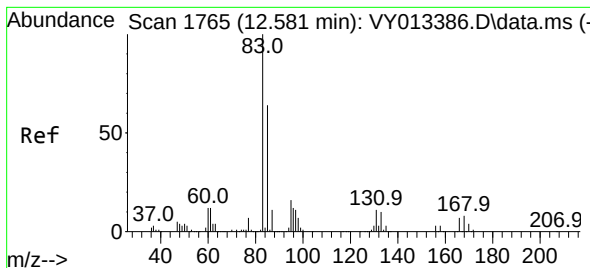
43 100

70 37.7 33.0 49.4

55 24.5 19.8 29.6

61 22.4 19.1 28.7

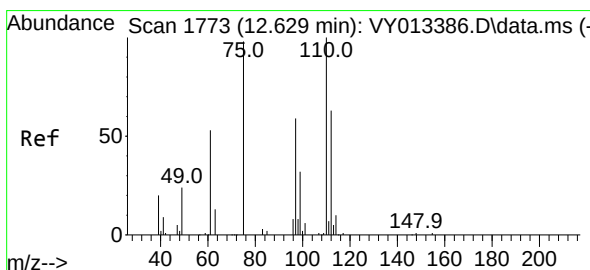
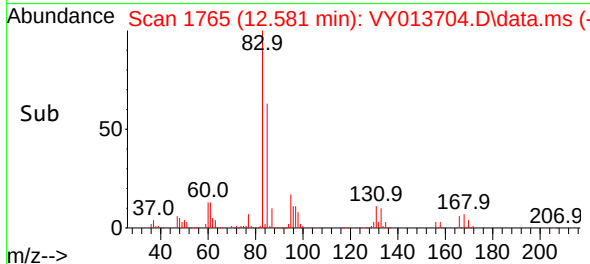
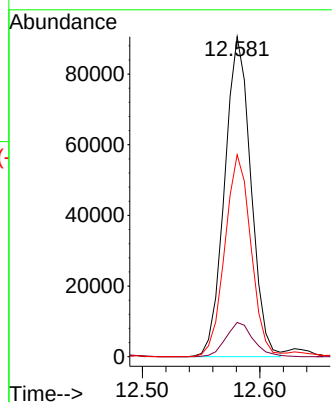
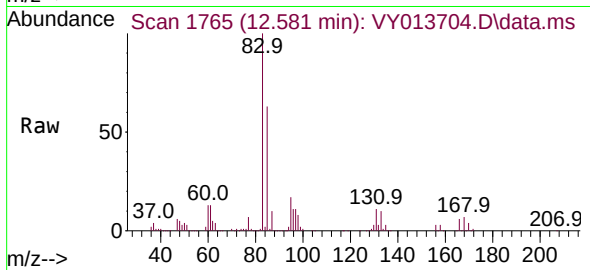




#75
1,1,2,2-Tetrachloroethane
Concen: 49.960 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

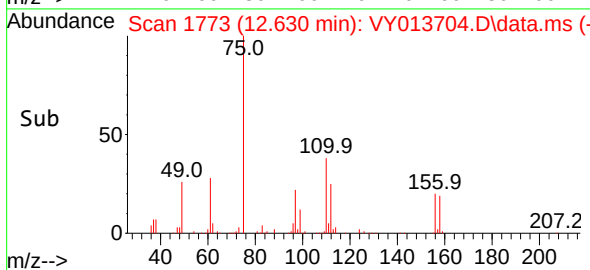
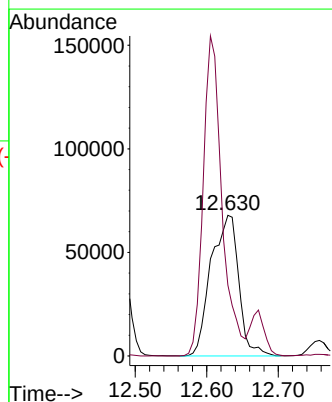
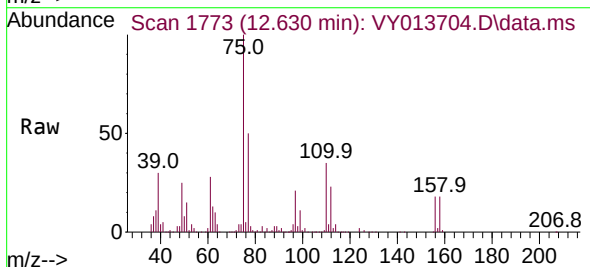
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

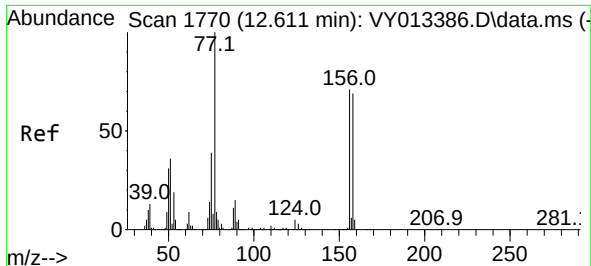
Tgt Ion: 83 Resp: 140727
Ion Ratio Lower Upper
83 100
131 11.2 5.7 17.0
85 62.7 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 89.087 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 75 Resp: 183054
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

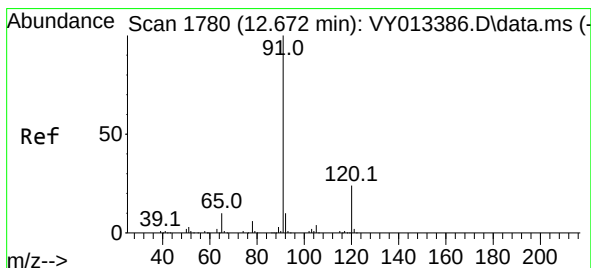
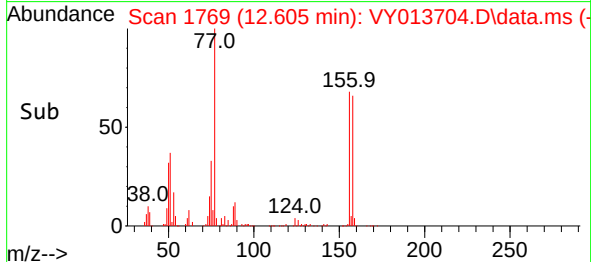
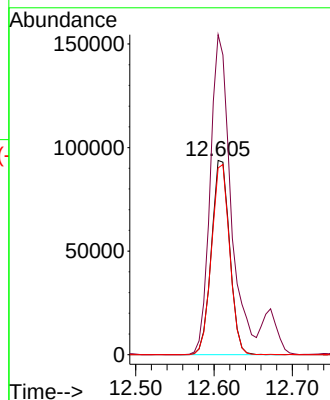
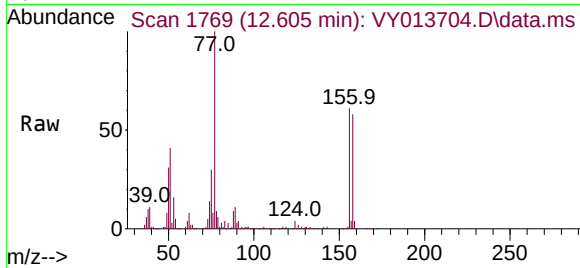




#77
Bromobenzene
Concen: 54.353 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

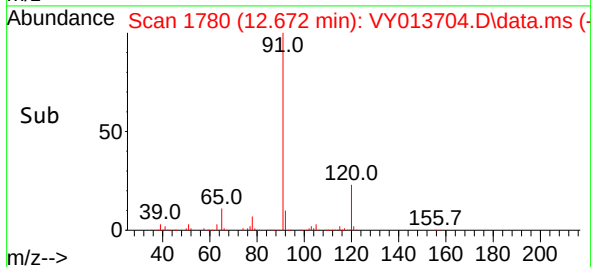
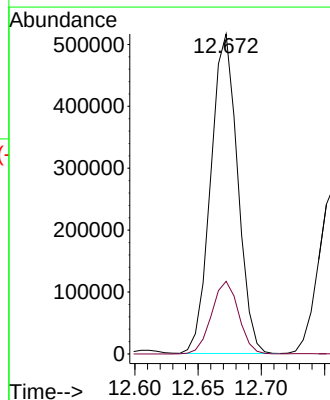
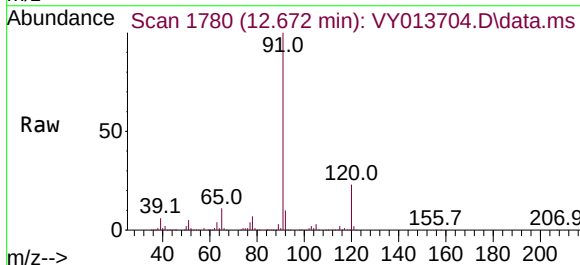
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

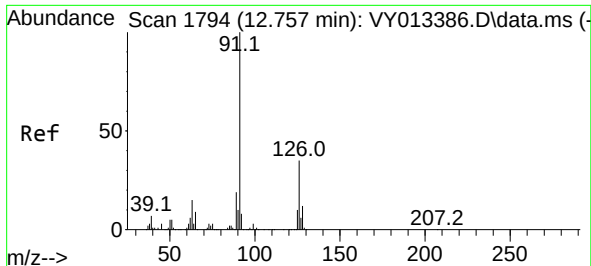
Tgt Ion:156 Resp: 151772
Ion Ratio Lower Upper
156 100
77 185.9 87.6 262.9
158 97.4 48.5 145.5



#78
n-propylbenzene
Concen: 53.708 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 91 Resp: 762356
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





#79

2-Chlorotoluene

Concen: 52.900 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

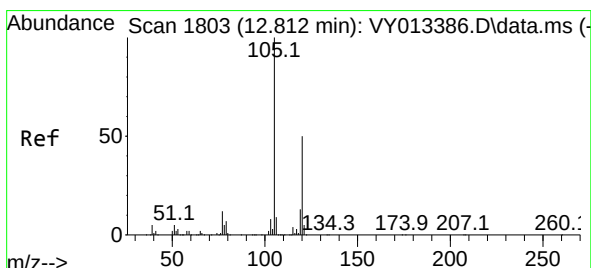
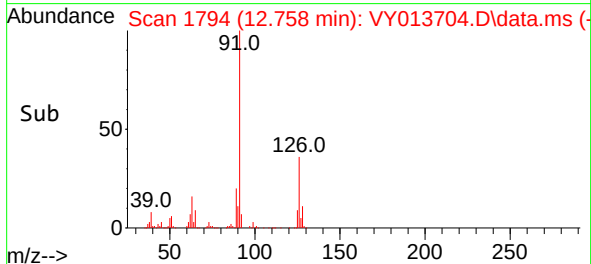
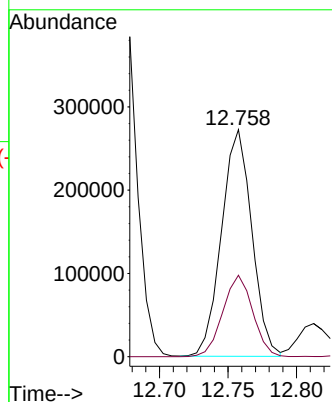
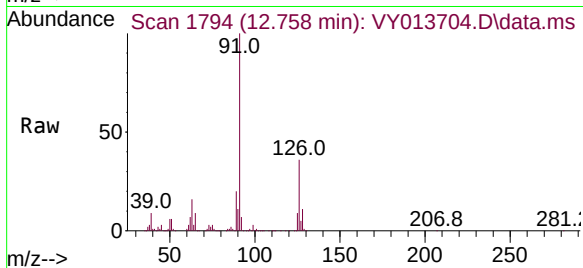
VSTDCCC050

Tgt Ion: 91 Resp: 419321

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 54.543 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013704.D

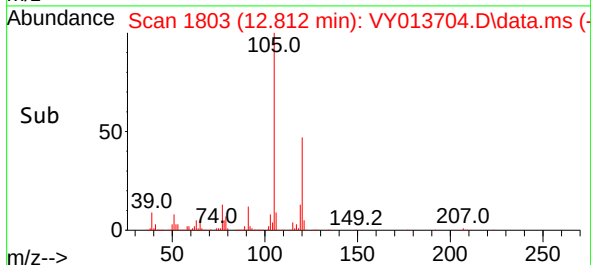
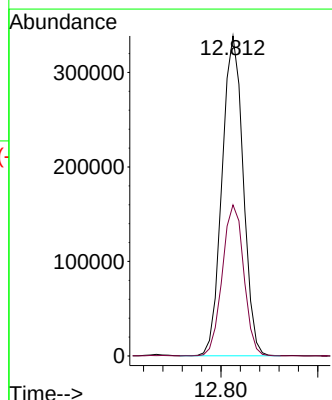
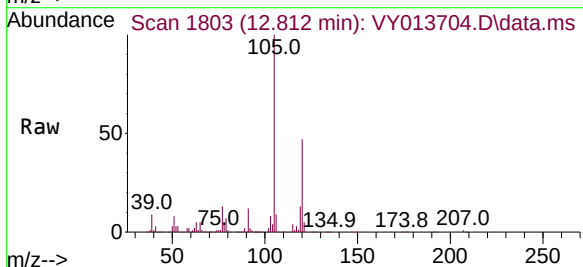
Acq: 11 May 2023 09:20

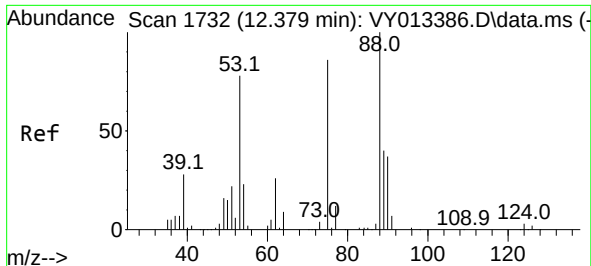
Tgt Ion: 105 Resp: 513025

Ion Ratio Lower Upper

105 100

120 48.0 24.7 74.1

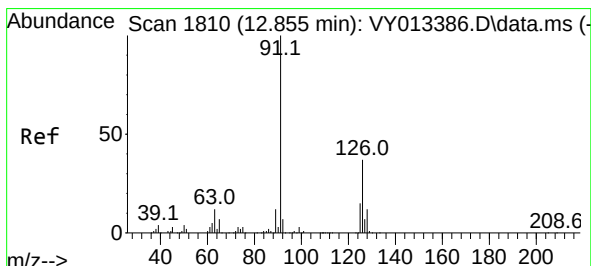
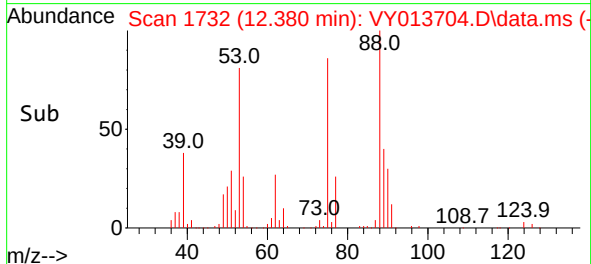
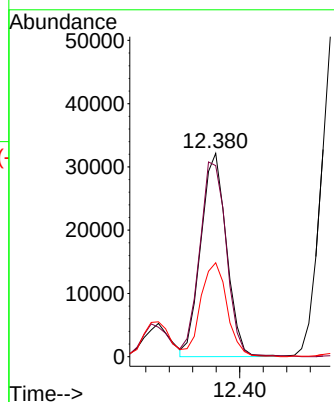
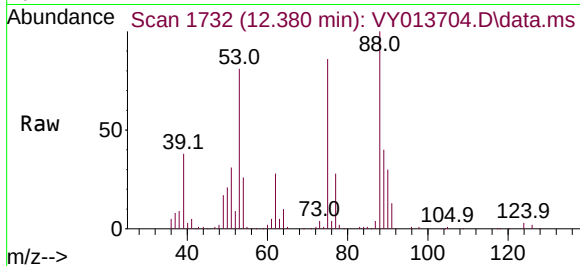




#81
trans-1,4-Dichloro-2-butene
Concen: 48.493 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

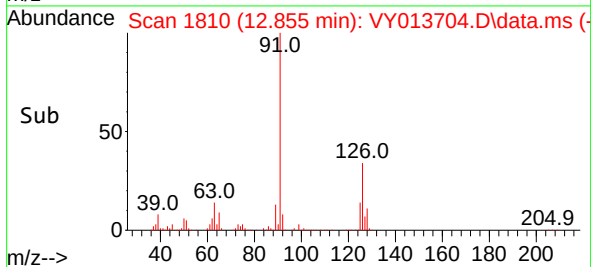
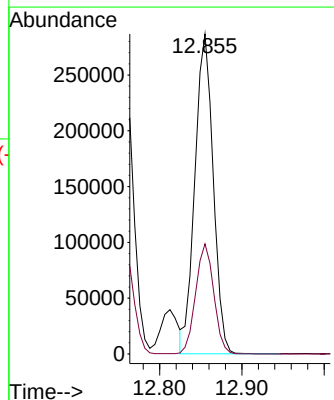
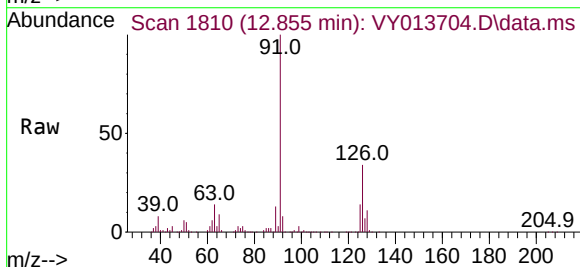
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

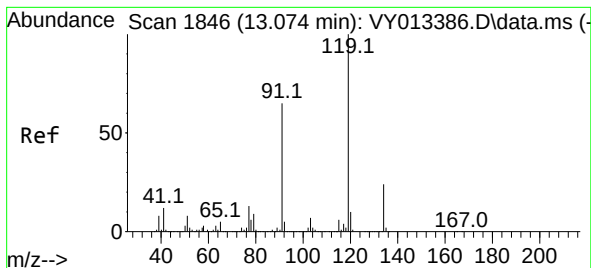
Tgt Ion: 75 Resp: 48712
Ion Ratio Lower Upper
75 100
53 99.9 73.2 109.8
89 47.7 38.0 57.0



#82
4-Chlorotoluene
Concen: 53.578 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 91 Resp: 442653
Ion Ratio Lower Upper
91 100
126 34.1 17.9 53.8





#83

tert-Butylbenzene

Concen: 54.388 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.001 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

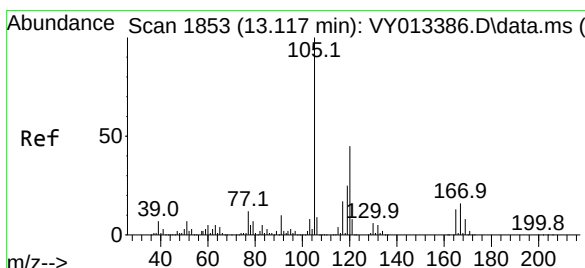
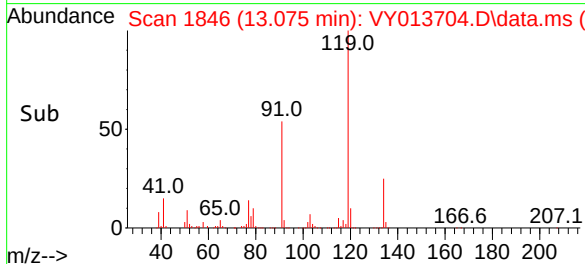
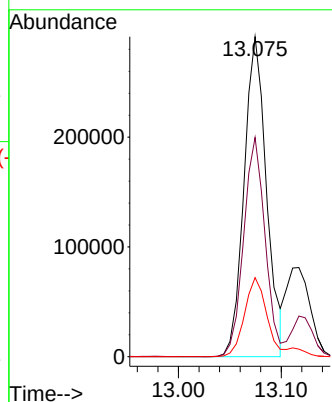
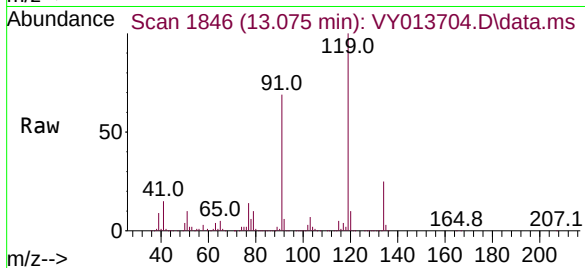
Tgt Ion:119 Resp: 443209

Ion Ratio Lower Upper

119 100

91 65.4 32.2 96.6

134 24.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 55.480 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013704.D

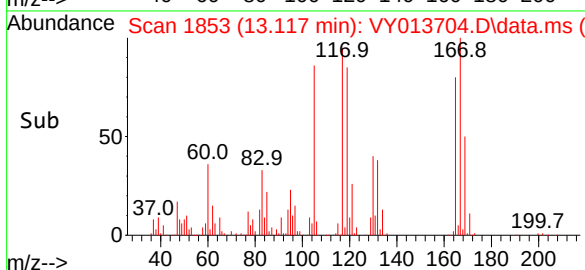
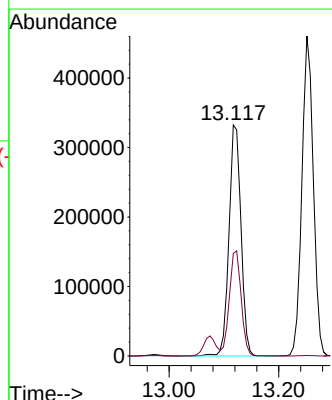
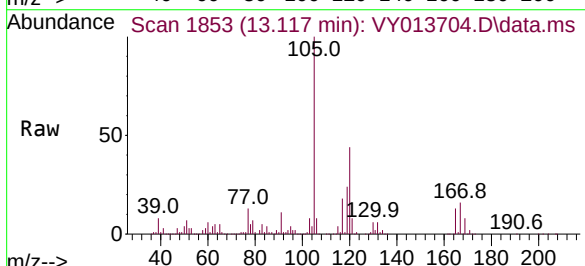
Acq: 11 May 2023 09:20

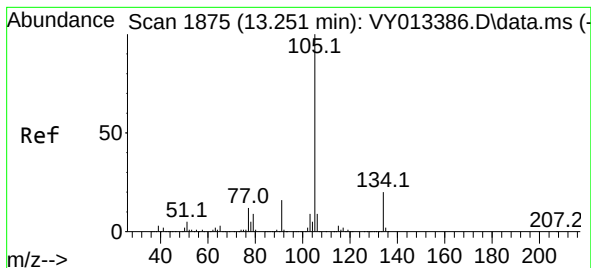
Tgt Ion:105 Resp: 507352

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 54.184 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

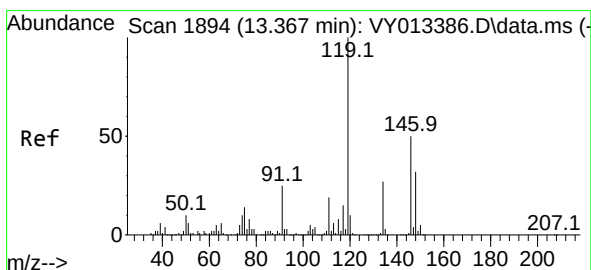
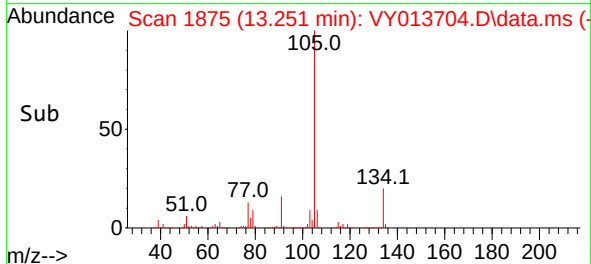
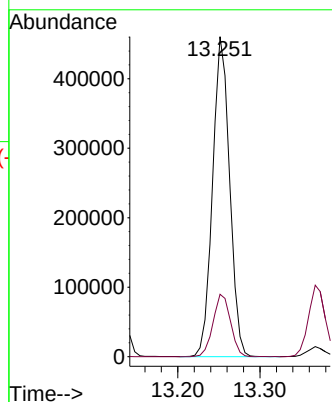
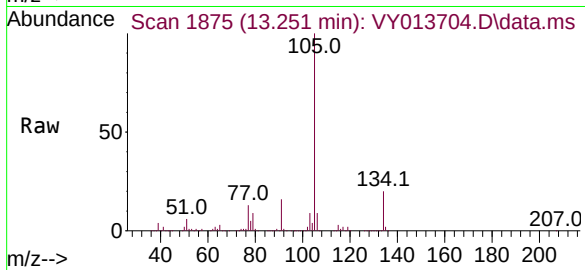
VSTDCCC050

Tgt Ion:105 Resp: 662681

Ion Ratio Lower Upper

105 100

134 20.0 10.3 30.9



#86

p-Isopropyltoluene

Concen: 55.461 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

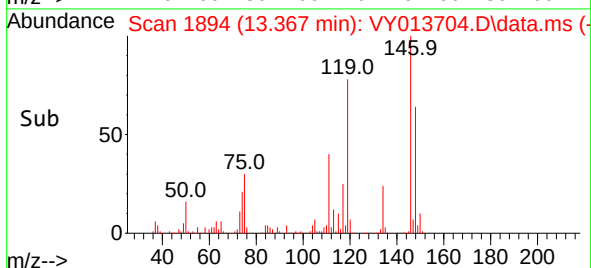
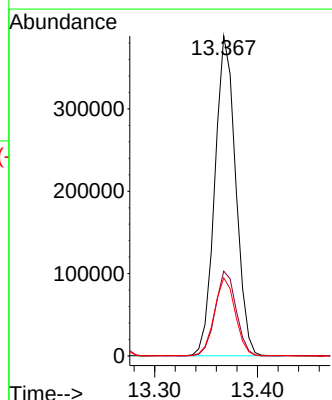
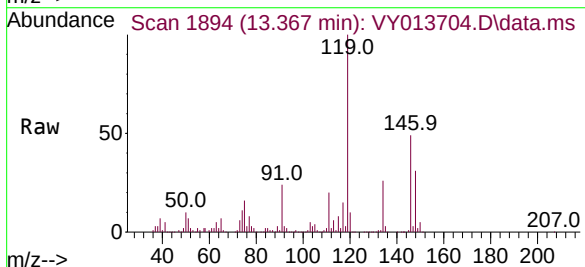
Tgt Ion:119 Resp: 545466

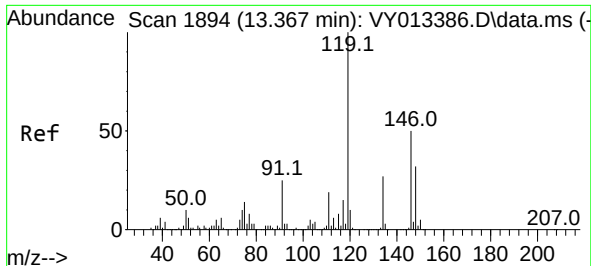
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 24.5 12.1 36.3

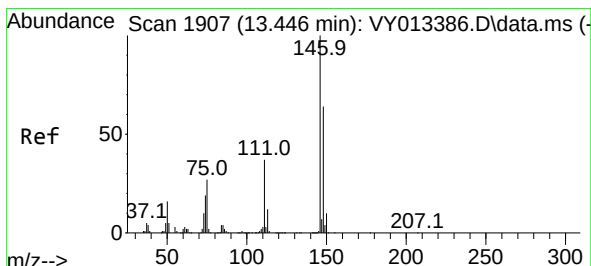
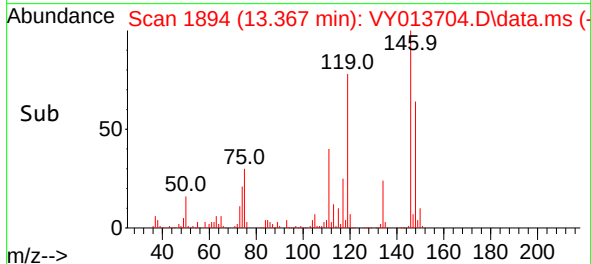
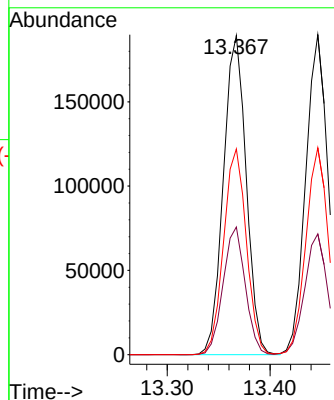
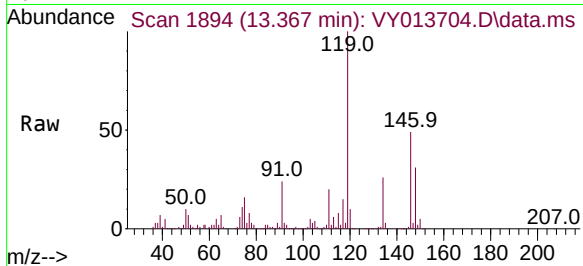




#87
1,3-Dichlorobenzene
Concen: 54.831 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

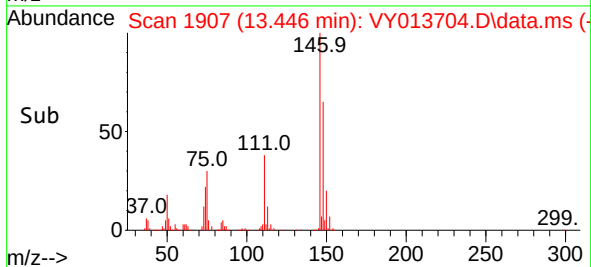
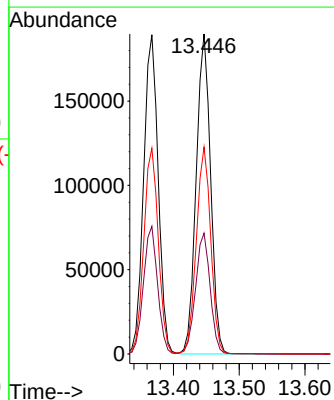
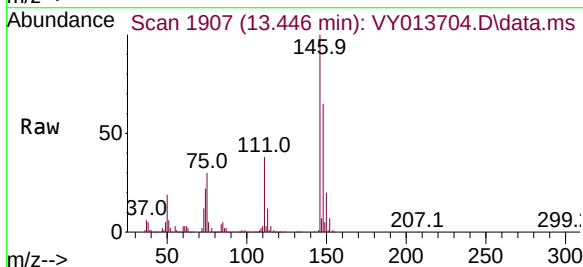
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

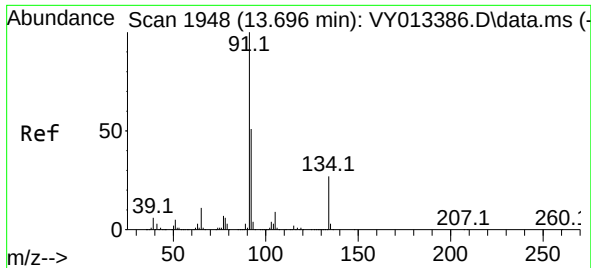
Tgt Ion:146 Resp: 291696
Ion Ratio Lower Upper
146 100
111 39.0 19.3 57.9
148 64.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 53.490 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion:146 Resp: 287450
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.5
148 64.7 31.9 95.5

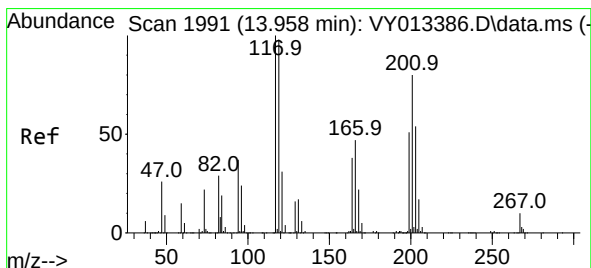
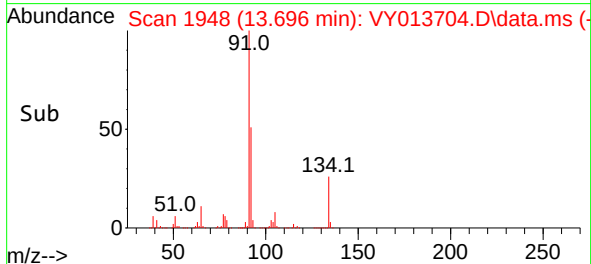
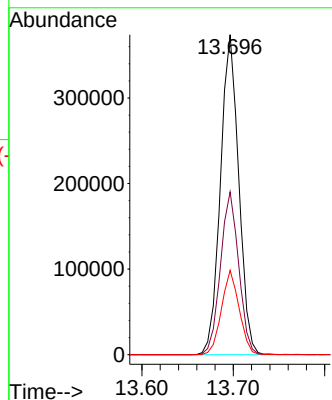
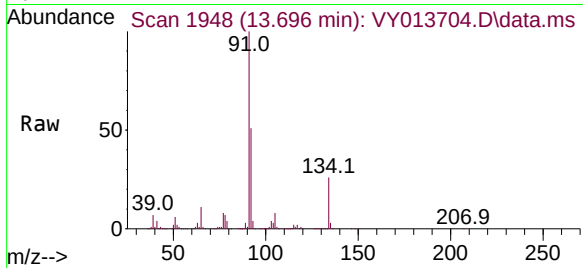




#89
n-Butylbenzene
Concen: 54.276 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

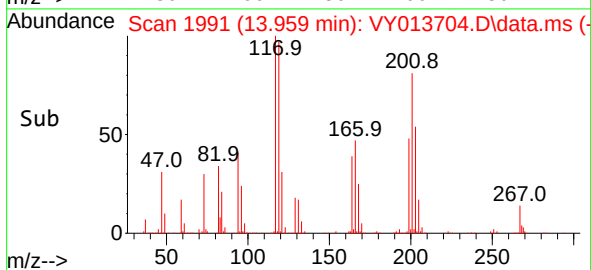
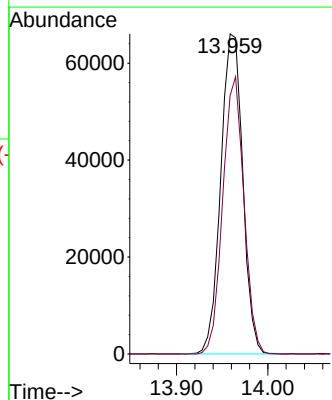
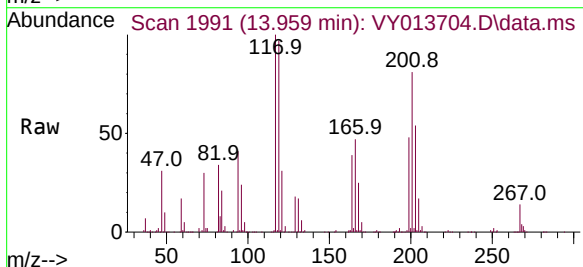
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

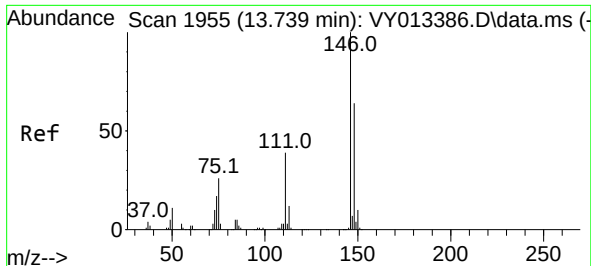
Tgt Ion: 91 Resp: 521011
Ion Ratio Lower Upper
91 100
92 50.8 25.8 77.3
134 25.6 13.5 40.4



#90
Hexachloroethane
Concen: 53.335 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion: 117 Resp: 110402
Ion Ratio Lower Upper
117 100
201 83.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 54.752 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

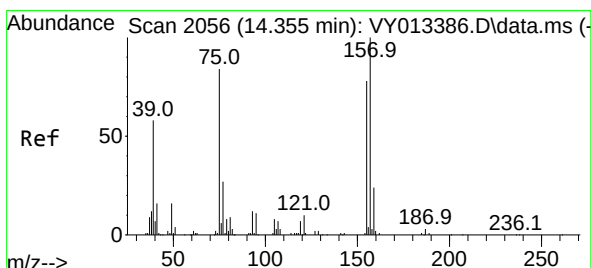
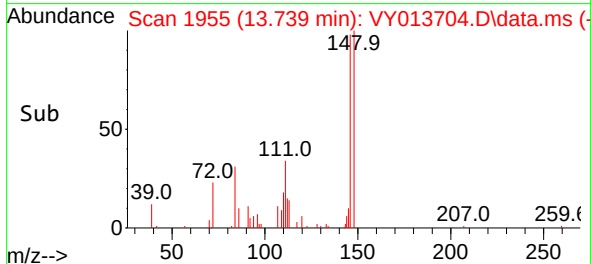
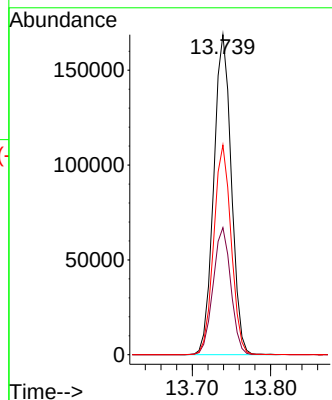
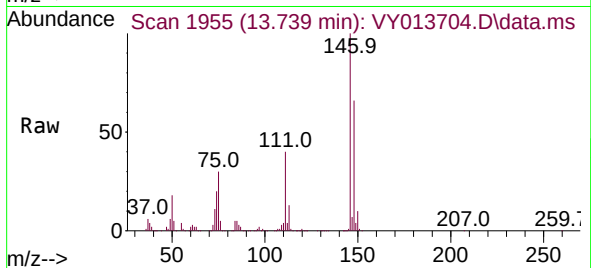
Tgt Ion:146 Resp: 263030

Ion Ratio Lower Upper

146 100

111 40.1 19.8 59.4

148 64.9 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.792 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

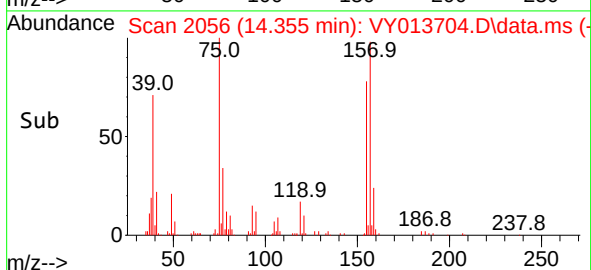
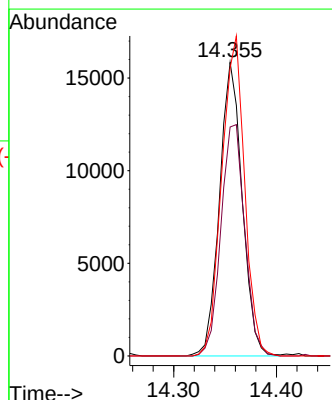
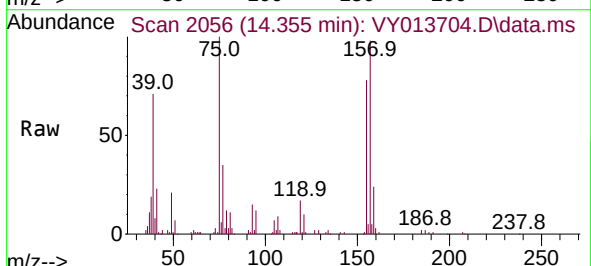
Tgt Ion: 75 Resp: 24273

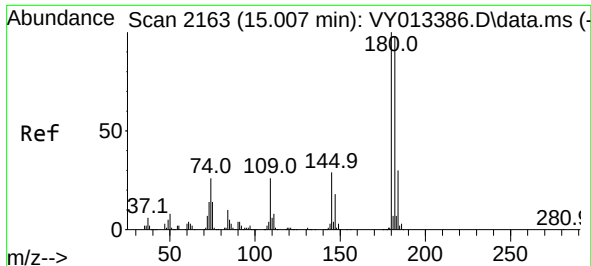
Ion Ratio Lower Upper

75 100

155 82.5 44.6 134.0

157 109.7 57.6 172.7

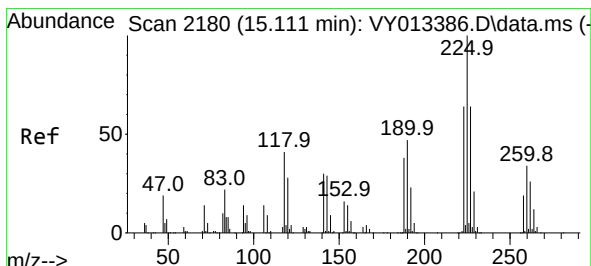
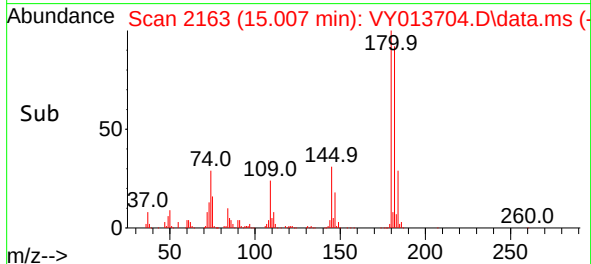
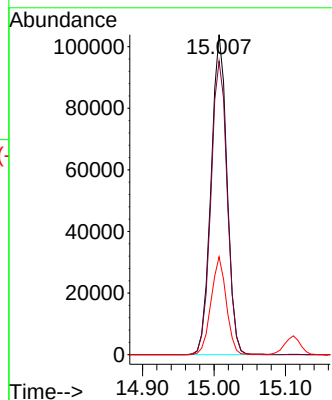
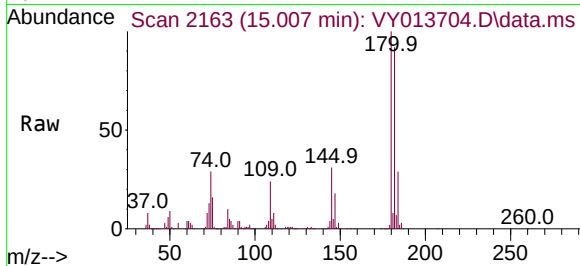




#93
1,2,4-Trichlorobenzene
Concen: 56.065 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

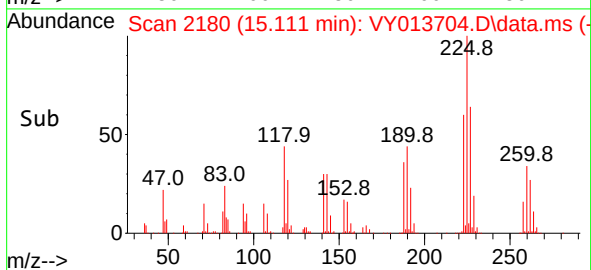
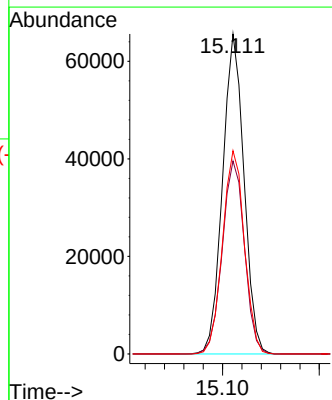
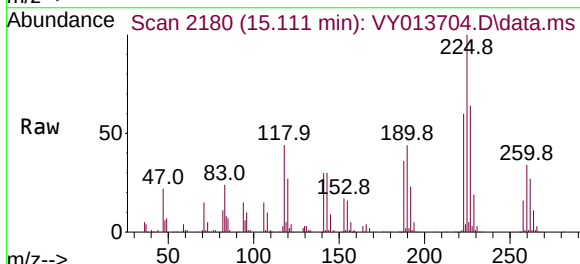
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

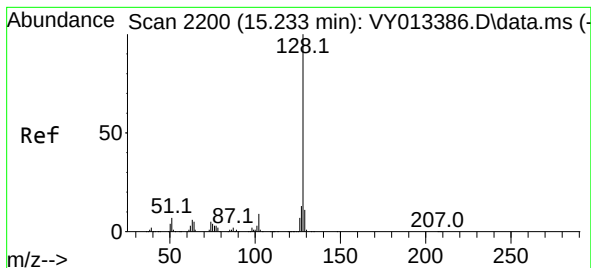
Tgt Ion:180 Resp: 160580
Ion Ratio Lower Upper
180 100
182 93.8 48.5 145.5
145 29.2 15.0 45.0



#94
Hexachlorobutadiene
Concen: 60.338 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013704.D
Acq: 11 May 2023 09:20

Tgt Ion:225 Resp: 100578
Ion Ratio Lower Upper
225 100
223 62.5 31.4 94.2
227 64.9 32.0 96.0





#95

Naphthalene

Concen: 52.554 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

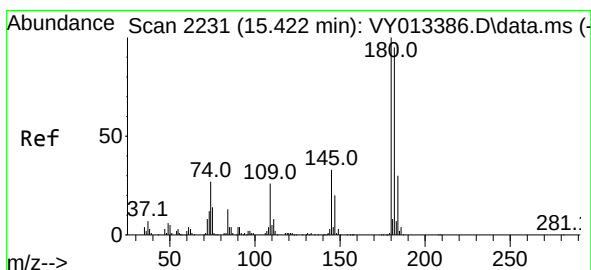
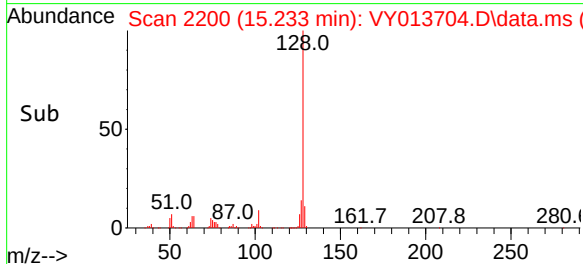
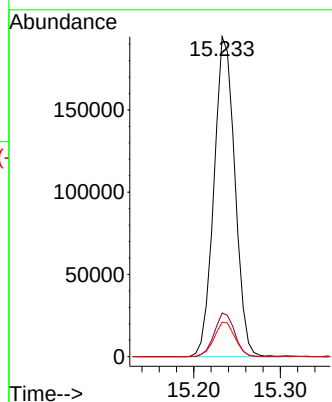
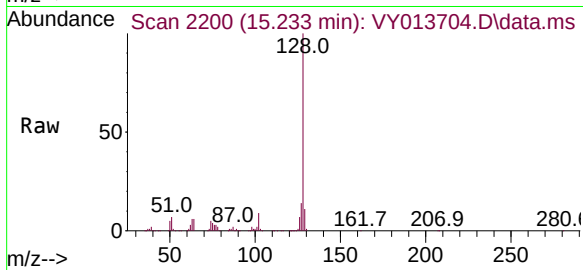
Tgt Ion:128 Resp: 326591

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 56.336 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013704.D

Acq: 11 May 2023 09:20

Tgt Ion:180 Resp: 143816

Ion Ratio Lower Upper

180 100

182 93.6 47.1 141.3

145 30.5 15.9 47.7

