

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081023\
 Data File : VY015020.D
 Acq On : 10 Aug 2023 11:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 10 14:21:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 07:44:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	327689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	537226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	487224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	244379	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	207908	52.348	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.700%	
35) Dibromofluoromethane	7.709	113	187921	54.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.400%	
50) Toluene-d8	10.179	98	682582	52.201	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.400%	
62) 4-Bromofluorobenzene	12.477	95	249708	53.881	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	75520	40.890	ug/l	97
3) Chloromethane	2.107	50	118413	45.916	ug/l	98
4) Vinyl Chloride	2.247	62	142292	44.778	ug/l	97
5) Bromomethane	2.637	94	107974	53.357	ug/l	97
6) Chloroethane	2.784	64	103883	47.347	ug/l	98
7) Trichlorofluoromethane	3.113	101	225493	44.904	ug/l	99
8) Diethyl Ether	3.521	74	91550	49.406	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	132664	44.628	ug/l	98
10) Methyl Iodide	4.082	142	166601	54.207	ug/l	98
11) Tert butyl alcohol	4.948	59	193102	201.455	ug/l #	88
12) 1,1-Dichloroethene	3.863	96	121947	47.081	ug/l	91
13) Acrolein	3.716	56	95286	292.215	ug/l	98
14) Allyl chloride	4.472	41	214410	49.710	ug/l	97
15) Acrylonitrile	5.155	53	284066	250.928	ug/l	99
16) Acetone	3.942	43	337490	272.500	ug/l	94
17) Carbon Disulfide	4.186	76	249217	43.519	ug/l	97
18) Methyl Acetate	4.472	43	227155	50.364	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	504193	51.452	ug/l	98
20) Methylene Chloride	4.704	84	206137	41.526	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	141122	47.800	ug/l	97
22) Diisopropyl ether	6.112	45	513521	51.114	ug/l	91
23) Vinyl Acetate	6.051	43	1521679	251.959	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	285069	50.024	ug/l	97
25) 2-Butanone	6.978	43	447251	252.129	ug/l	95
26) 2,2-Dichloropropane	6.972	77	279218	48.424	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	187843	50.276	ug/l	96
28) Bromochloromethane	7.325	49	129456	50.393	ug/l	89
29) Tetrahydrofuran	7.344	42	255602	245.713	ug/l	91
30) Chloroform	7.496	83	315253	50.926	ug/l	98
31) Cyclohexane	7.777	56	188887	45.670	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	271883	49.837	ug/l	98
36) 1,1-Dichloropropene	7.911	75	200127	46.921	ug/l	99
37) Ethyl Acetate	7.069	43	169910	50.187	ug/l #	97
38) Carbon Tetrachloride	7.892	117	232145	48.415	ug/l	97
39) Methylcyclohexane	9.179	83	223177	44.000	ug/l	93
40) Benzene	8.154	78	616054	49.052	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	237967	144.637	ug/l #	29
42) 1,2-Dichloroethane	8.234	62	218365	49.949	ug/l	95
43) Isopropyl Acetate	8.270	43	316774	50.361	ug/l	96
44) Trichloroethene	8.935	130	179758	49.881	ug/l	95
45) 1,2-Dichloropropane	9.209	63	165155	49.480	ug/l	99
46) Dibromomethane	9.301	93	108650	50.530	ug/l	98
47) Bromodichloromethane	9.490	83	259110	52.329	ug/l	100
48) Methyl methacrylate	9.288	41	140672	50.972	ug/l	93
49) 1,4-Dioxane	9.295	88	39670	991.870	ug/l #	54
51) 4-Methyl-2-Pentanone	10.063	43	899805	253.847	ug/l	94
52) Toluene	10.239	92	398904	49.357	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	273886	53.115	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	288385	51.764	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	159094	50.908	ug/l	97
56) Ethyl methacrylate	10.508	69	236772	52.911	ug/l	91
57) 1,3-Dichloropropane	10.788	76	263555	50.973	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	485430	229.423	ug/l	91
59) 2-Hexanone	10.825	43	675708	258.051	ug/l	92
60) Dibromochloromethane	10.983	129	196726	52.868	ug/l	100
61) 1,2-Dibromoethane	11.087	107	153806	51.562	ug/l	100
64) Tetrachloroethene	10.715	164	193907	52.908	ug/l	98
65) Chlorobenzene	11.514	112	465810	50.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	187987	51.891	ug/l	99
67) Ethyl Benzene	11.587	91	808501	49.831	ug/l	100
68) m/p-Xylenes	11.697	106	615851	99.221	ug/l	96
69) o-Xylene	12.026	106	307871	50.691	ug/l	98
70) Styrene	12.044	104	536911	51.728	ug/l	97
71) Bromoform	12.203	173	134420	53.832	ug/l #	100
73) Isopropylbenzene	12.324	105	808211	49.198	ug/l	100
74) N-amyl acetate	12.142	43	288630	51.425	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	200451	49.931	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	269047	91.880	ug/l #	100
77) Bromobenzene	12.605	156	204663	51.362	ug/l	99
78) n-propylbenzene	12.666	91	959658	48.842	ug/l	99
79) 2-Chlorotoluene	12.751	91	567213	50.653	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	682785	50.437	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	72007	54.174	ug/l	96
82) 4-Chlorotoluene	12.849	91	583293	50.388	ug/l	99
83) tert-Butylbenzene	13.074	119	617878	49.893	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	688462	50.760	ug/l	99
85) sec-Butylbenzene	13.251	105	895791	49.285	ug/l	99
86) p-Isopropyltoluene	13.367	119	755174	50.194	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	399876	51.269	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	394517	50.720	ug/l	99
89) n-Butylbenzene	13.696	91	707673	50.062	ug/l	97
90) Hexachloroethane	13.958	117	151006	51.685	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	369765	51.368	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.349	75	39873	50.869	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	243641	52.893	ug/l	98
94) Hexachlorobutadiene	15.111	225	127125	50.894	ug/l	98
95) Naphthalene	15.232	128	605769	55.891	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	216544	51.936	ug/l	99

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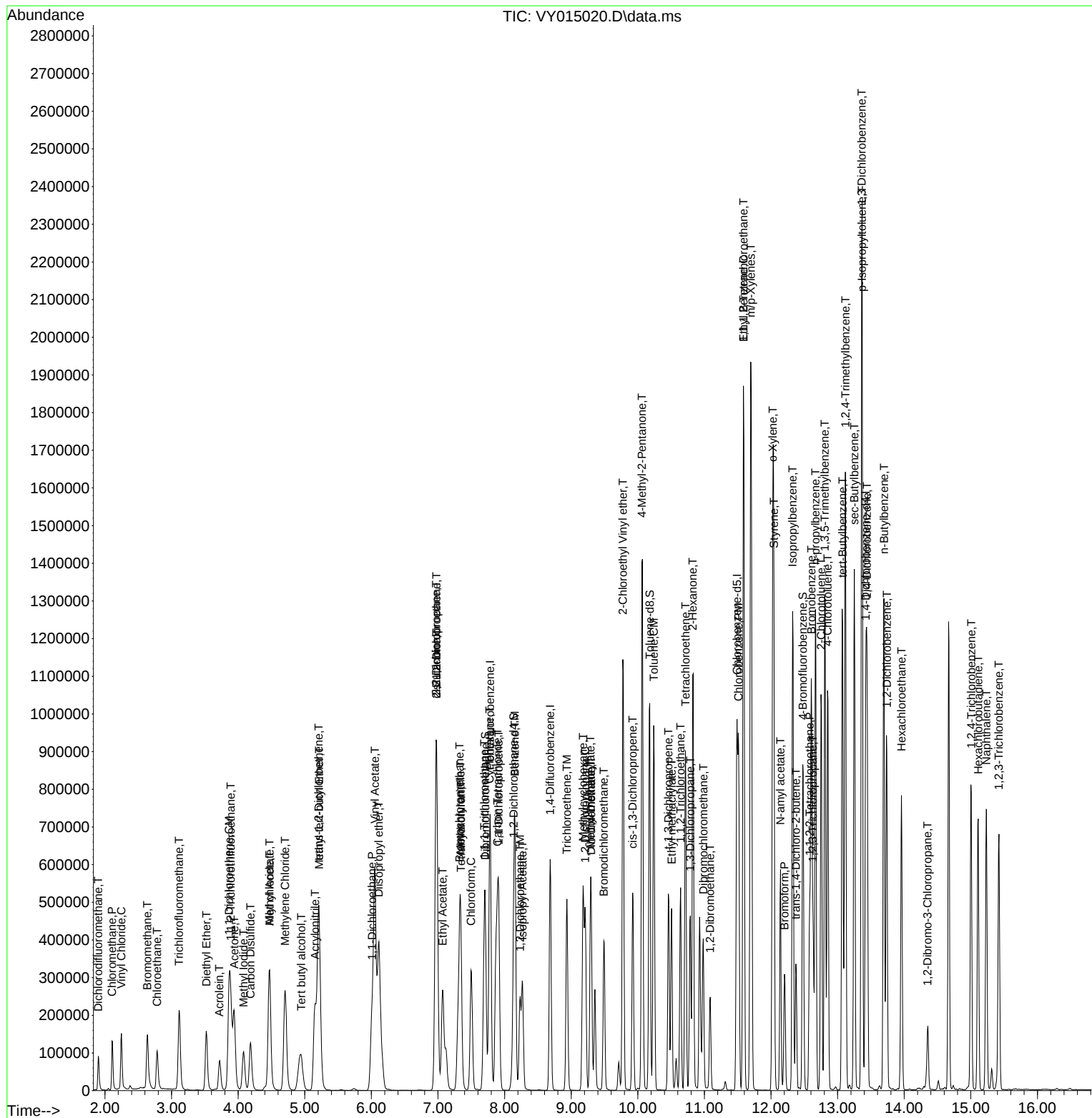
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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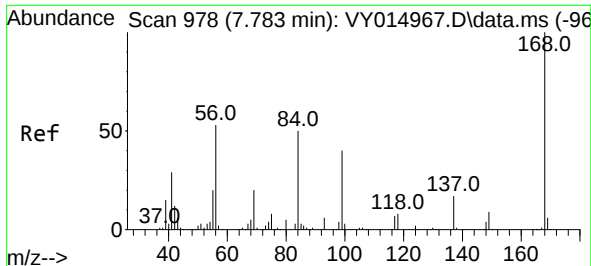
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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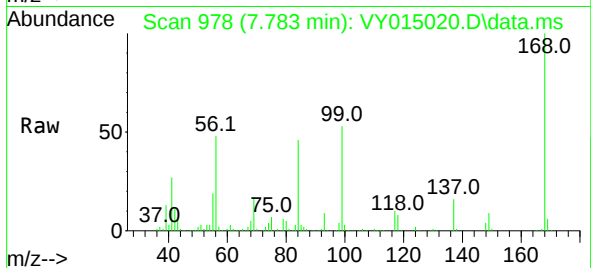
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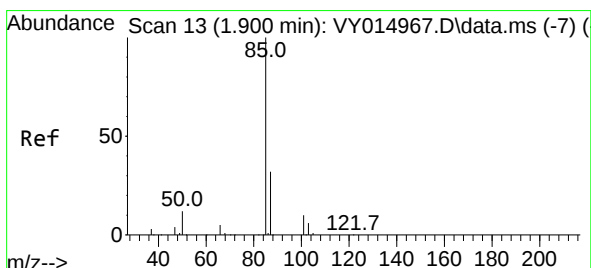
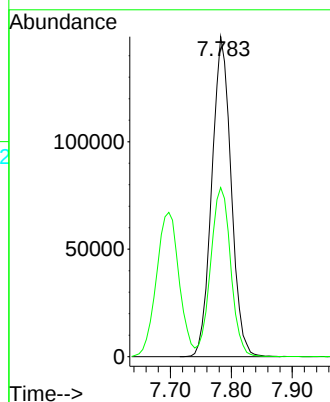
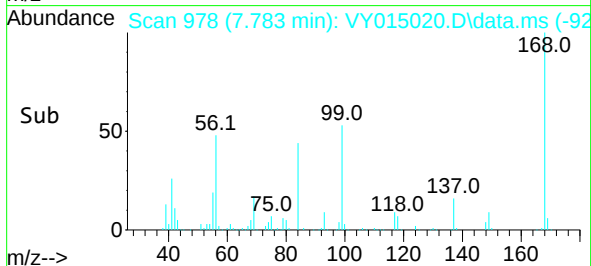


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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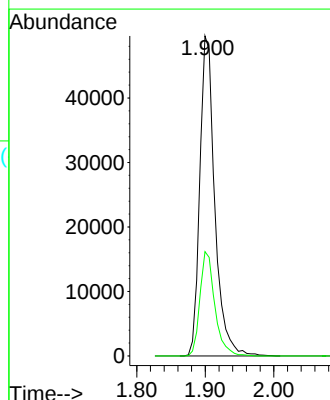
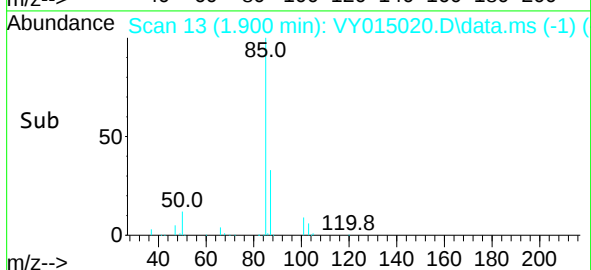
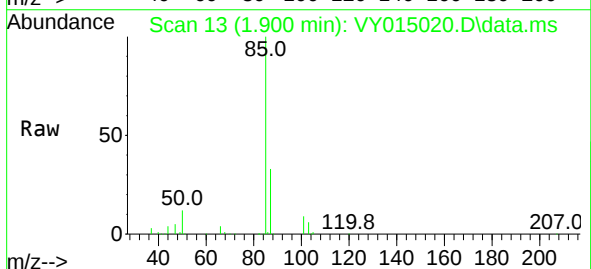


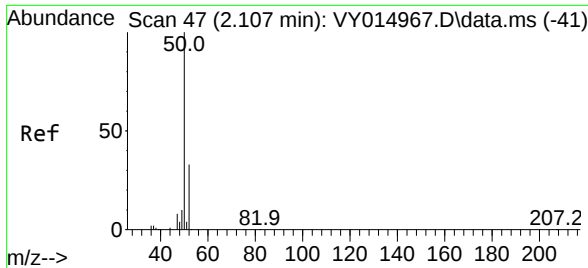
Tgt Ion:168 Resp: 327689
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 40.890 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 85 Resp: 75520
Ion Ratio Lower Upper
85 100
87 32.6 15.6 46.8

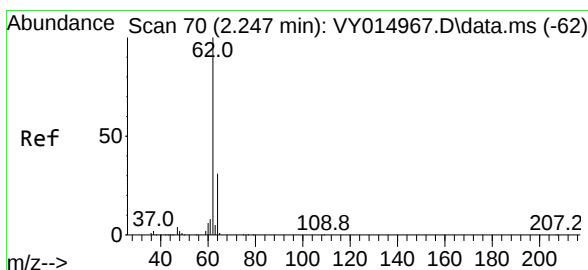
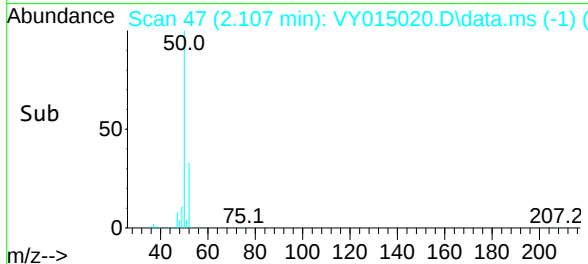
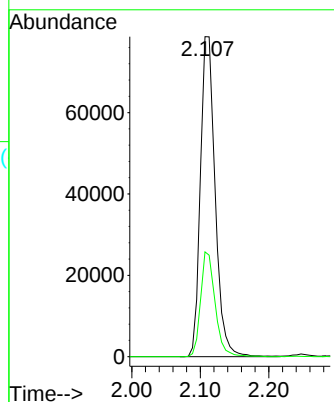
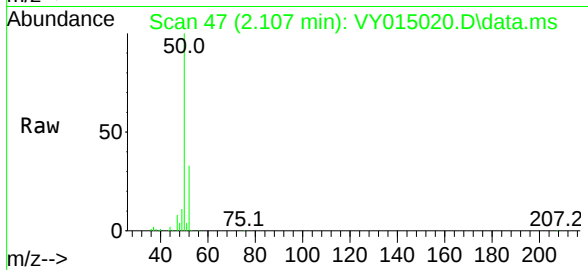




#3
Chloromethane
Concen: 45.916 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015020.D
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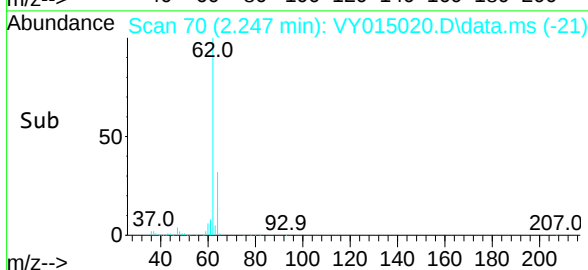
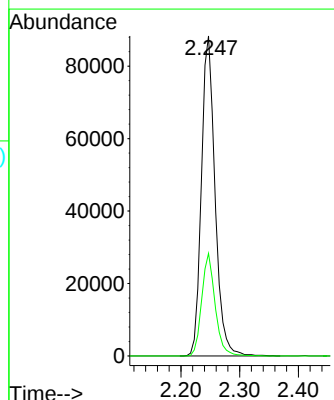
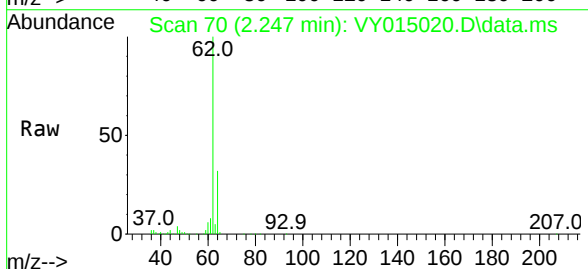
Instrument :
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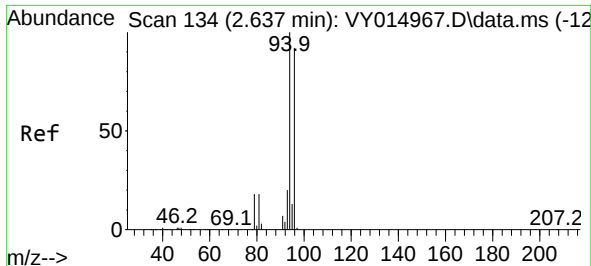
Tgt Ion: 50 Resp: 118413
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 44.778 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 62 Resp: 142292
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5

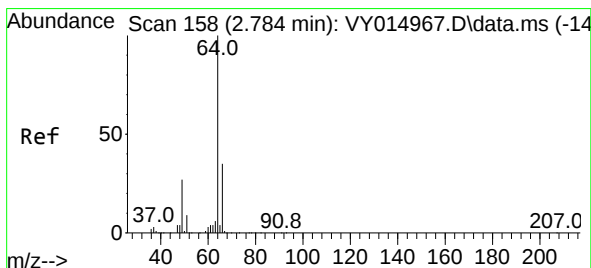
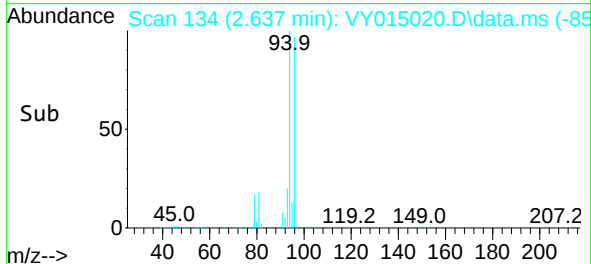
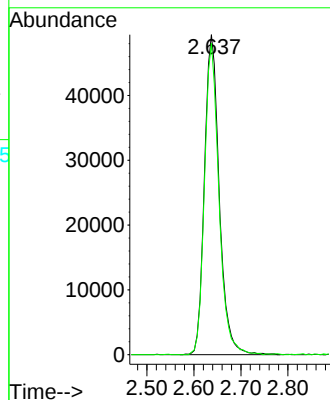
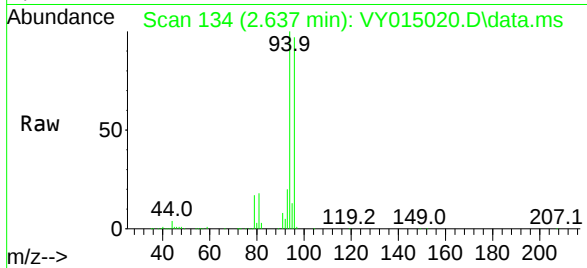




#5
Bromomethane
Concen: 53.357 ug/l
RT: 2.637 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015020.D
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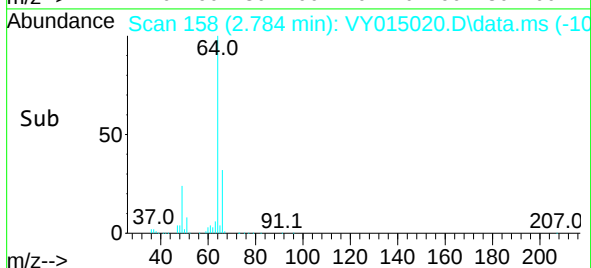
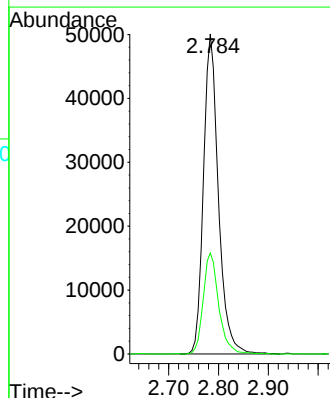
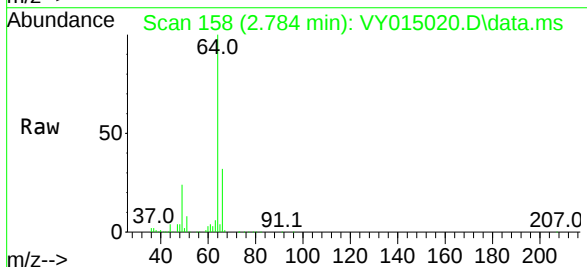
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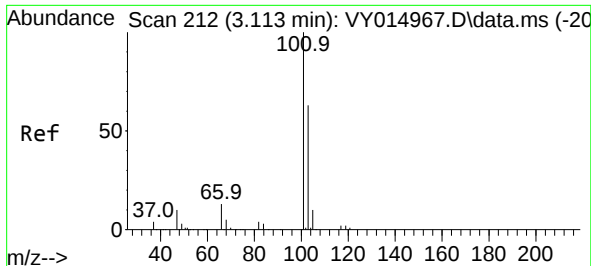
Tgt Ion: 94 Resp: 107974
Ion Ratio Lower Upper
94 100
96 97.2 75.8 113.6



#6
Chloroethane
Concen: 47.347 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015020.D
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Tgt Ion: 64 Resp: 103883
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6

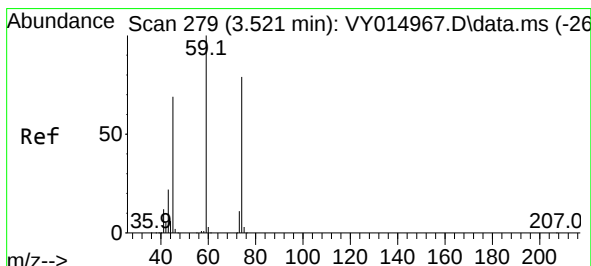
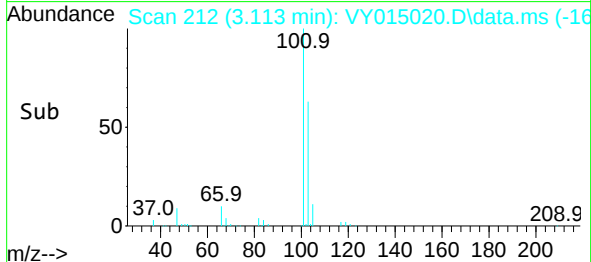
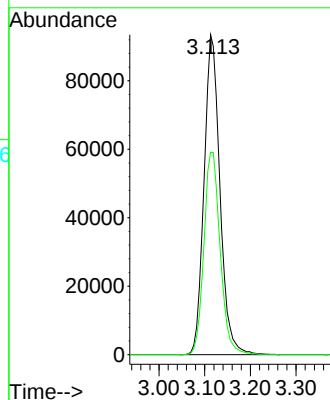
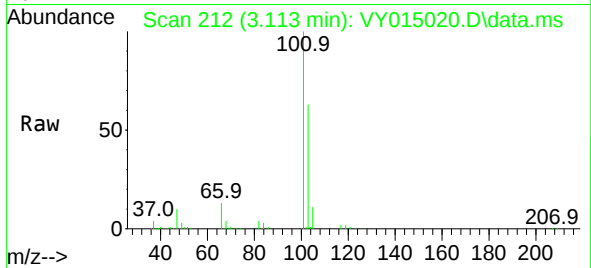




#7
 Trichlorofluoromethane
 Concen: 44.904 ug/l
 RT: 3.113 min Scan# 212
 Delta R.T. -0.000 min
 Lab File: VY015020.D
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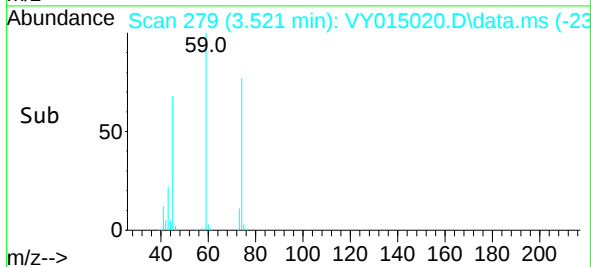
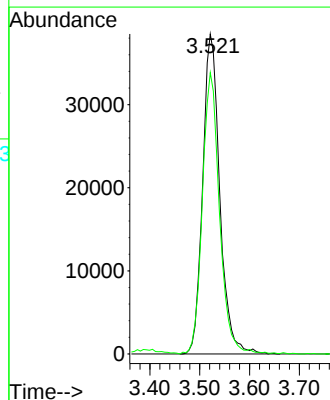
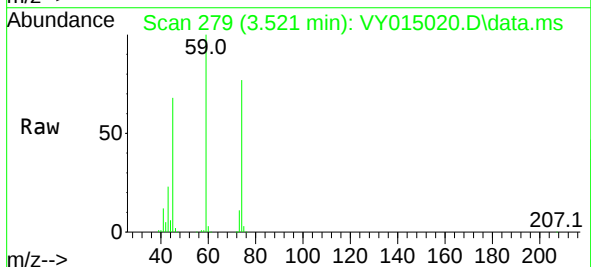
Instrument :
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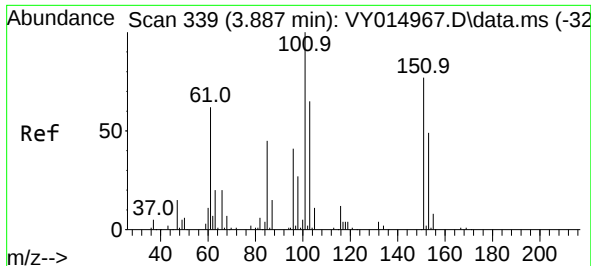
Tgt Ion:101 Resp: 225493
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 49.406 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. -0.000 min
 Lab File: VY015020.D
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Tgt Ion: 74 Resp: 91550
 Ion Ratio Lower Upper
 74 100
 45 88.4 51.5 154.5

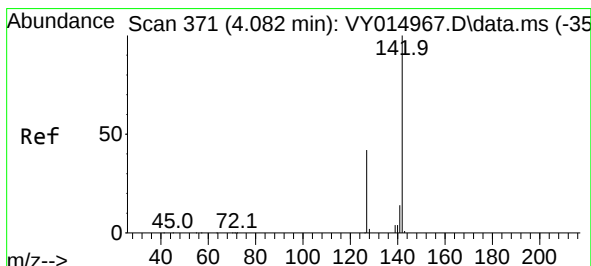
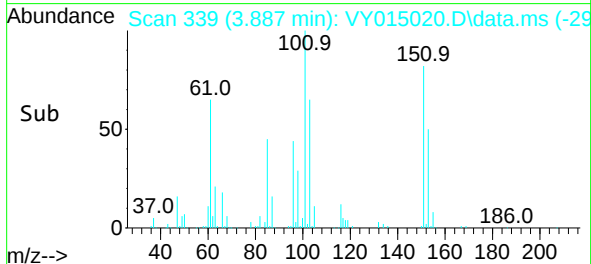
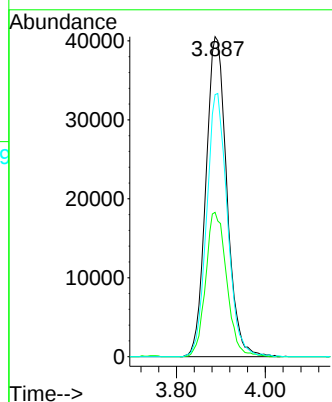
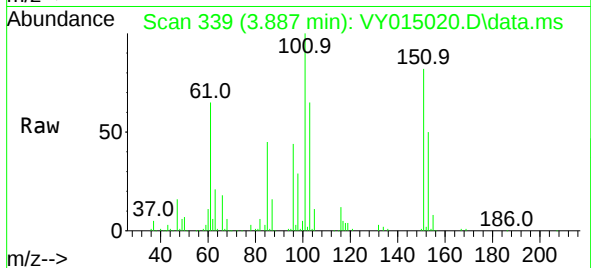




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.628 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

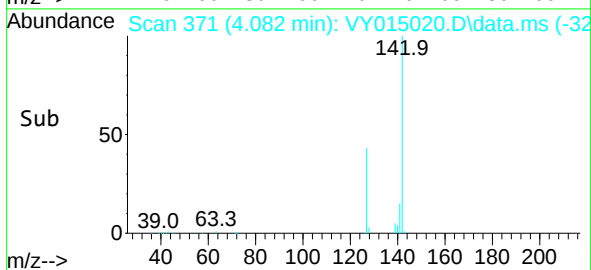
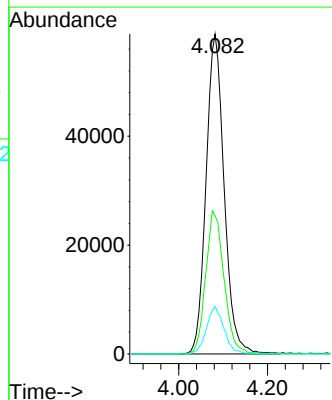
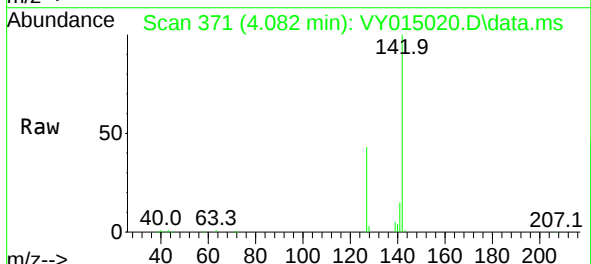
Instrument :
MSVOA_Y
ClientSampleId :

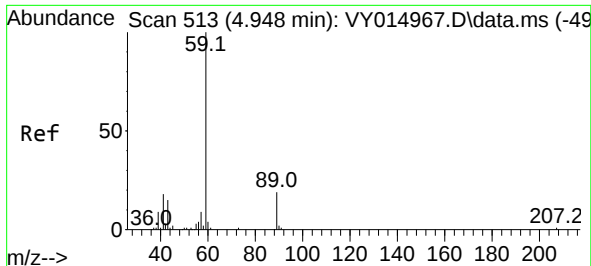
Tgt Ion:101 Resp: 132664
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 81.5 67.0 100.6



#10
Methyl Iodide
Concen: 54.207 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

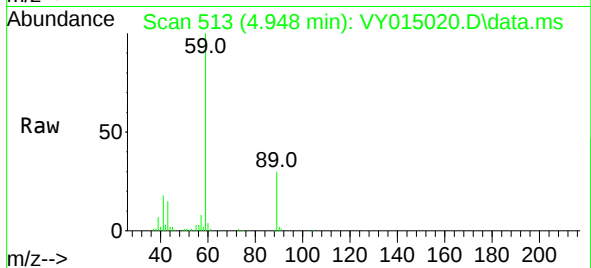
Tgt Ion:142 Resp: 166601
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 14.5 11.8 17.8



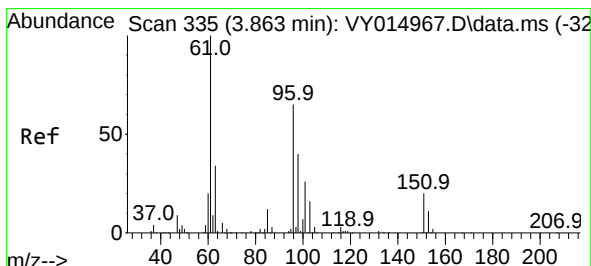
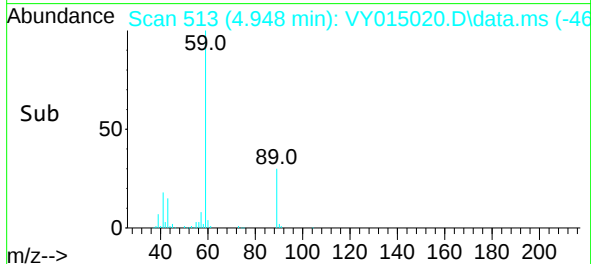
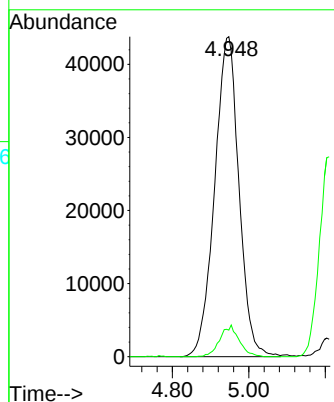


#11
Tert butyl alcohol
Concen: 201.455 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :

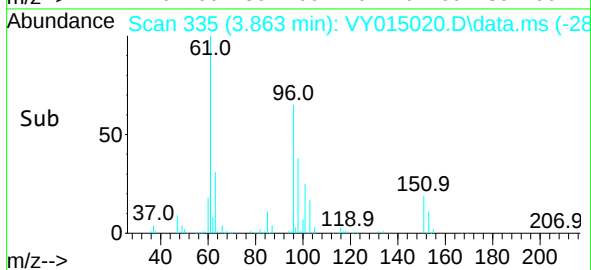
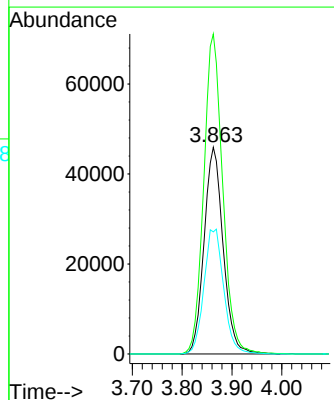
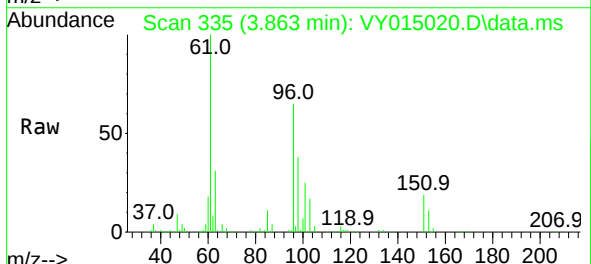


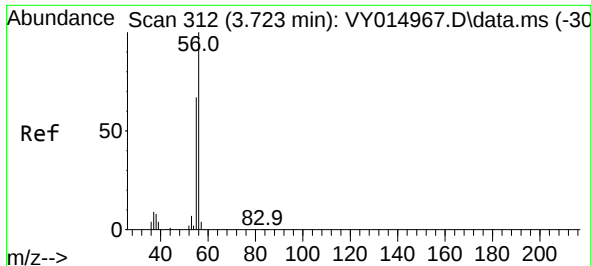
Tgt Ion: 59 Resp: 193102
Ion Ratio Lower Upper
59 100
57 7.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.081 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 96 Resp: 121947
Ion Ratio Lower Upper
96 100
61 154.8 136.4 204.6
98 59.1 49.4 74.2

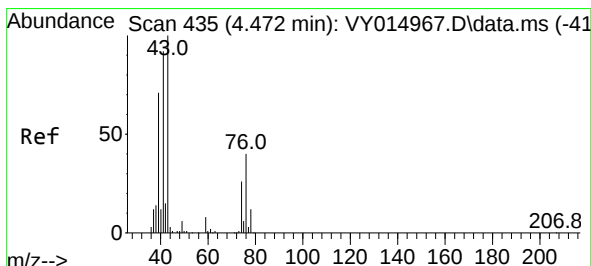
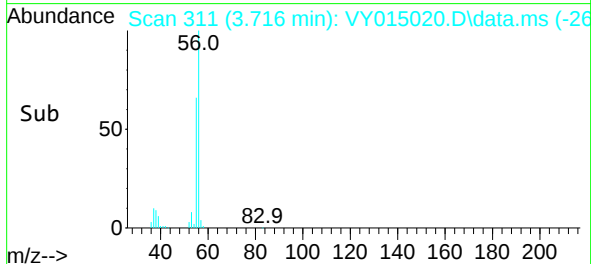
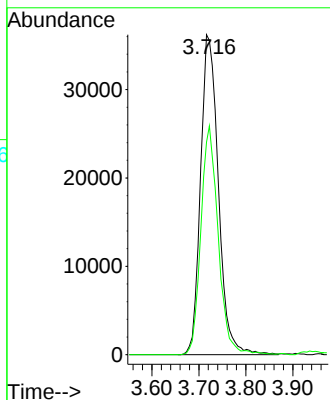
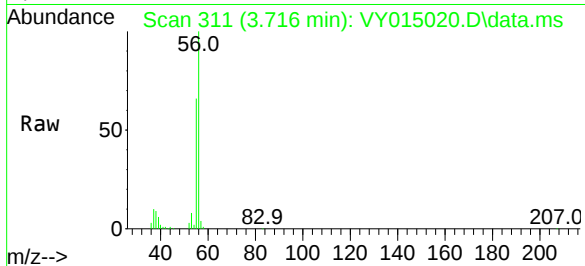




#13
Acrolein
Concen: 292.215 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

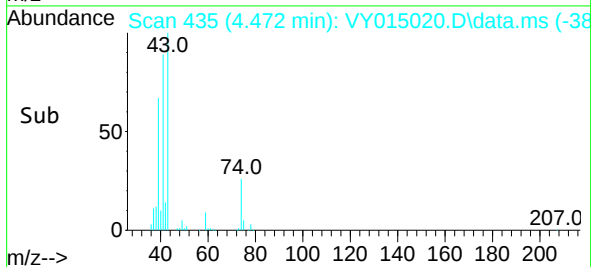
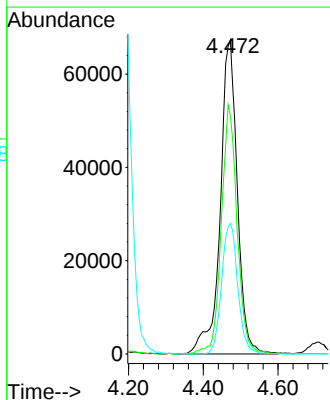
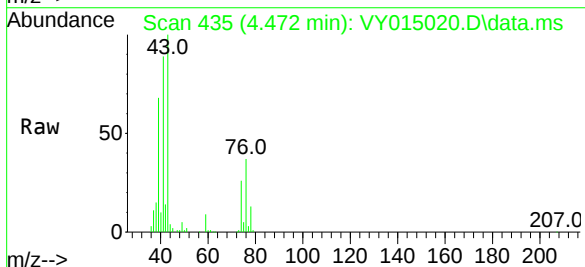
Instrument :
MSVOA_Y
ClientSampleId :

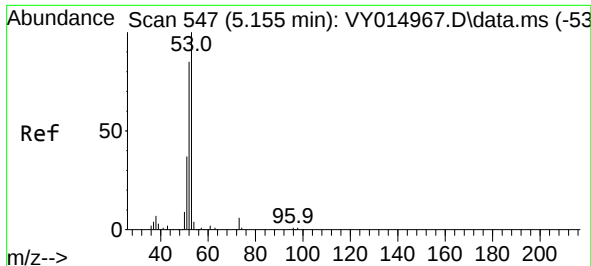
Tgt Ion: 56 Resp: 95286
Ion Ratio Lower Upper
56 100
55 69.5 57.0 85.4



#14
Allyl chloride
Concen: 49.710 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

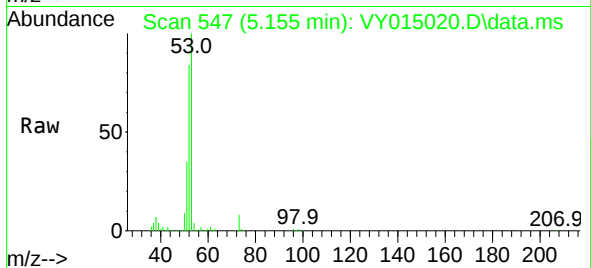
Tgt Ion: 41 Resp: 214410
Ion Ratio Lower Upper
41 100
39 72.5 58.0 87.0
76 39.2 27.4 41.2



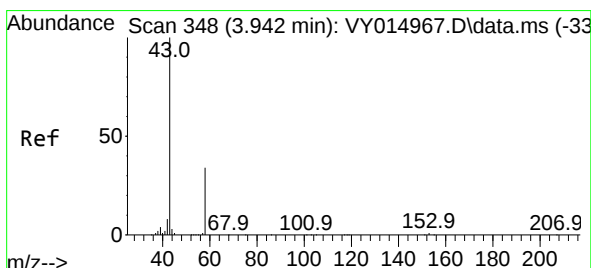
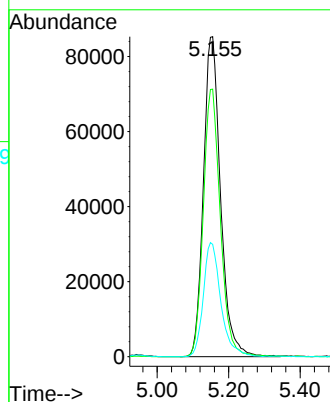
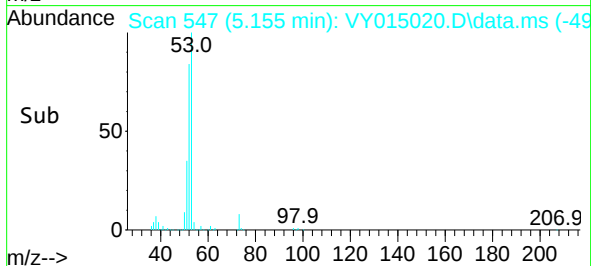


#15
Acrylonitrile
Concen: 250.928 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :

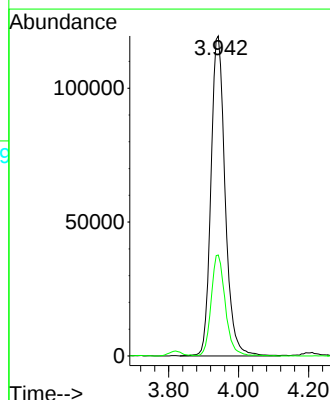
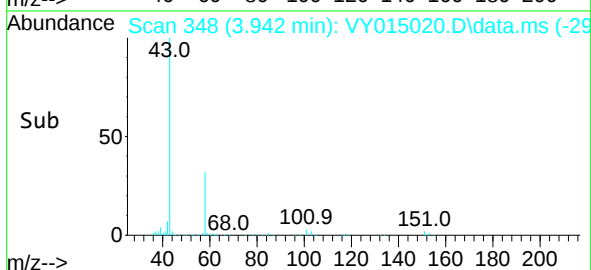
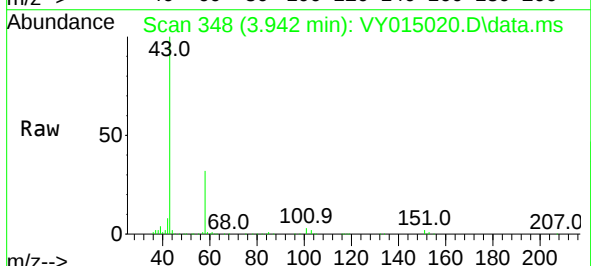


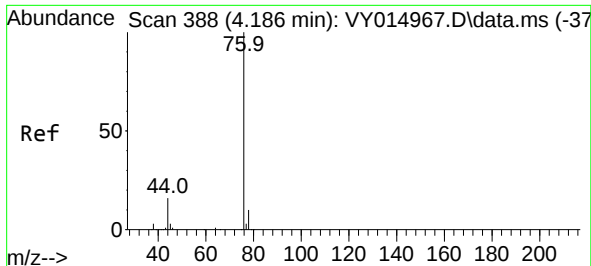
Tgt Ion: 53 Resp: 284066
Ion Ratio Lower Upper
53 100
52 82.9 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 272.500 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 43 Resp: 337490
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1

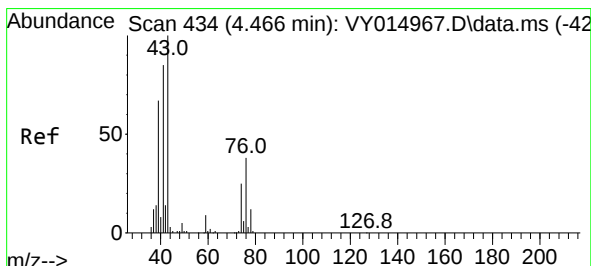
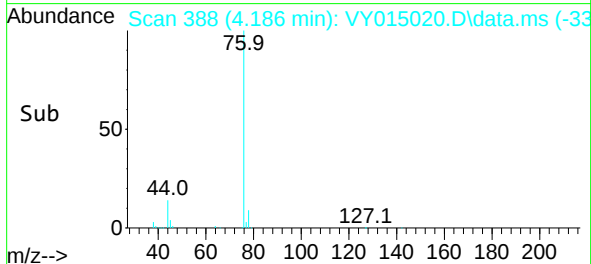
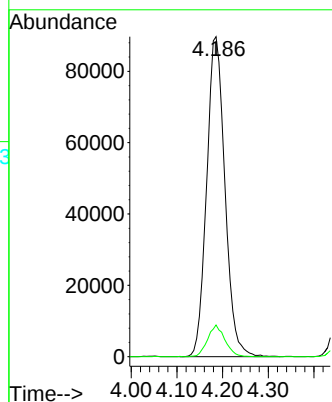
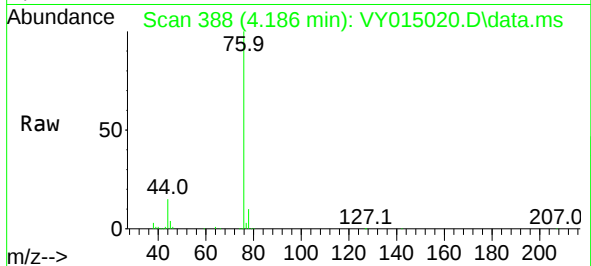




#17
Carbon Disulfide
Concen: 43.519 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

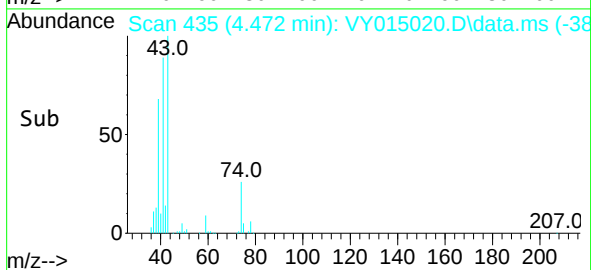
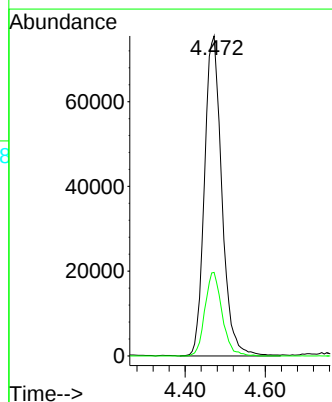
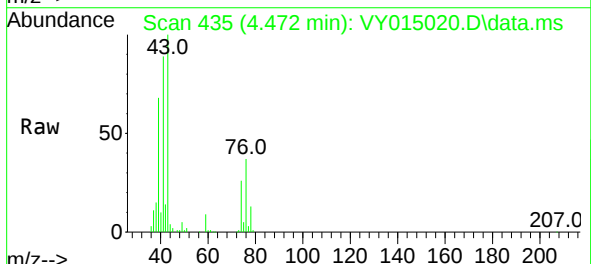
Instrument :
MSVOA_Y
ClientSampleId :

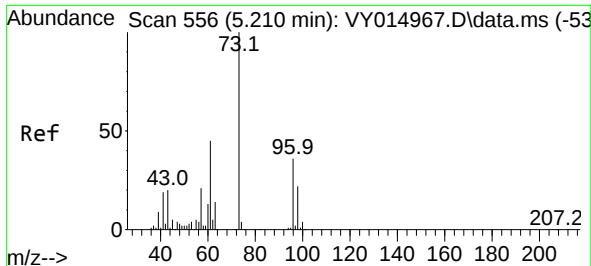
Tgt Ion: 76 Resp: 249217
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4



#18
Methyl Acetate
Concen: 50.364 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

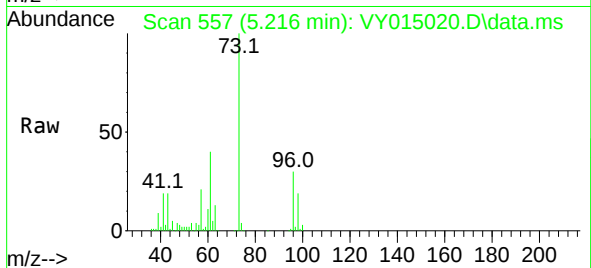
Tgt Ion: 43 Resp: 227155
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0



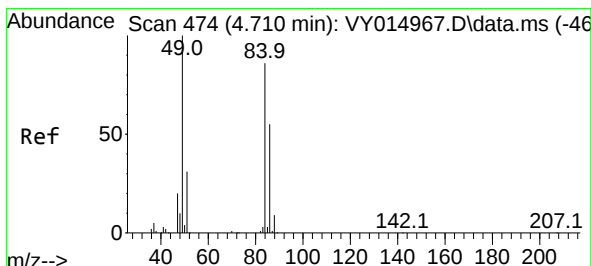
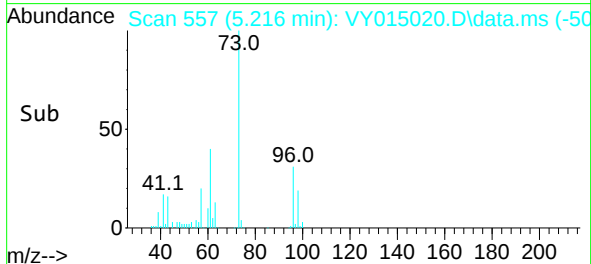
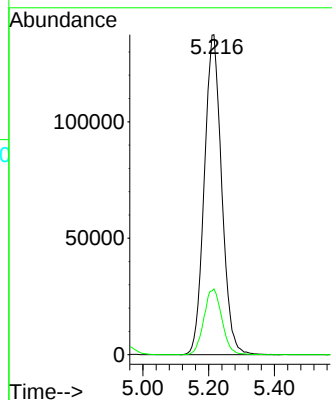


#19
Methyl tert-butyl Ether
Concen: 51.452 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :

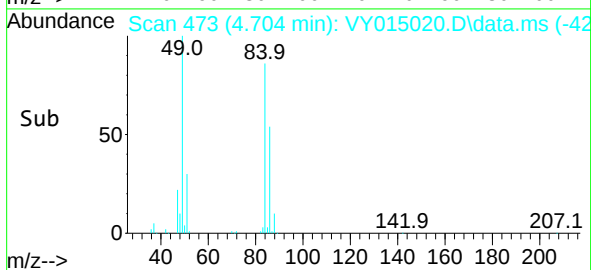
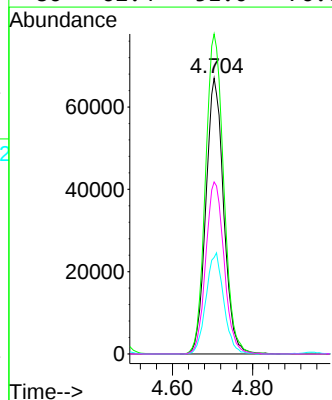
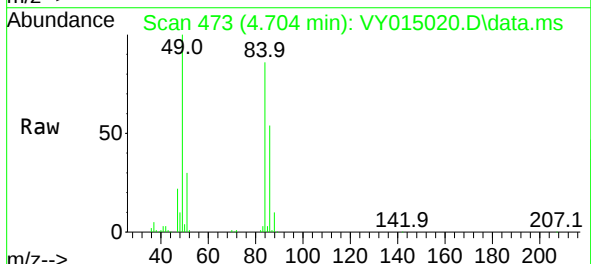


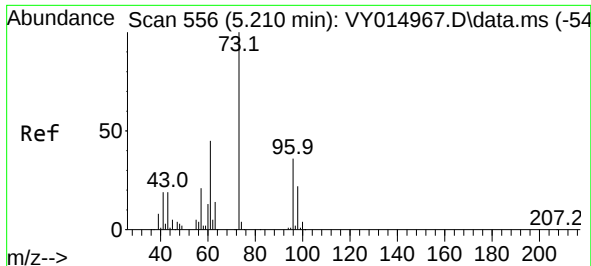
Tgt Ion: 73 Resp: 504193
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9



#20
Methylene Chloride
Concen: 41.526 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

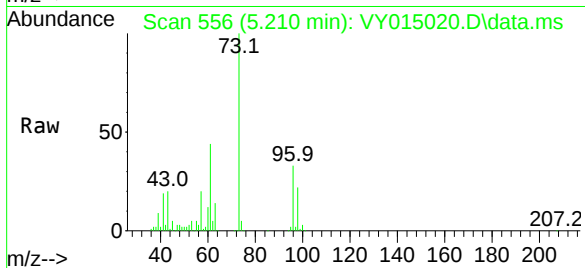
Tgt Ion: 84 Resp: 206137
Ion Ratio Lower Upper
84 100
49 116.1 106.9 160.3
51 35.0 33.2 49.8
86 62.4 51.0 76.6



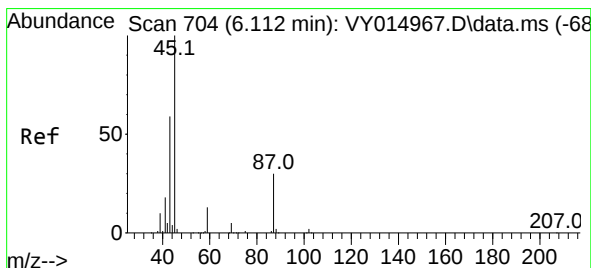
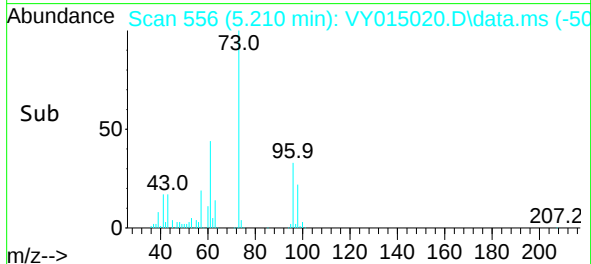
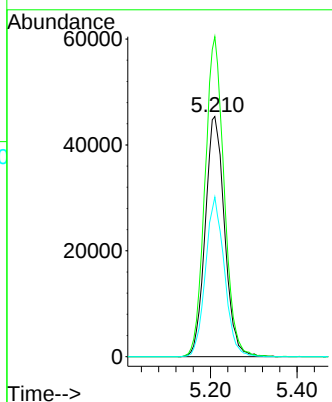


#21
trans-1,2-Dichloroethene
Concen: 47.800 ug/l
RT: 5.210 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :

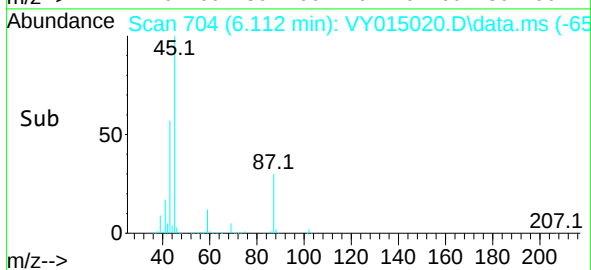
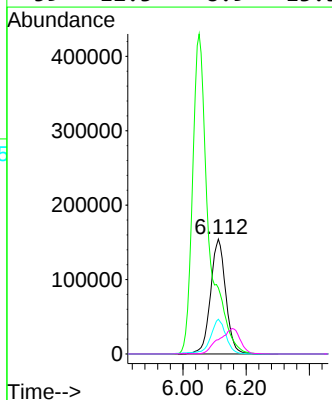
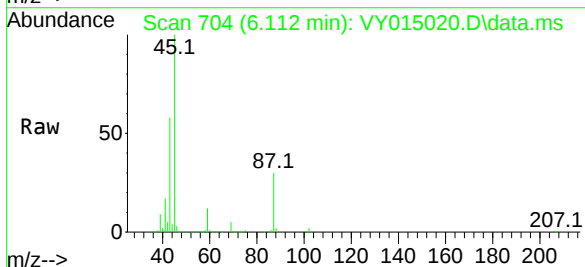


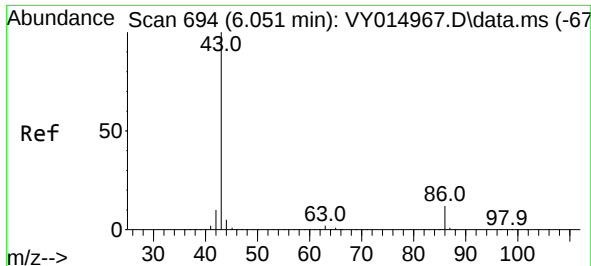
Tgt Ion: 96 Resp: 141122
Ion Ratio Lower Upper
96 100
61 133.2 110.2 165.4
98 66.5 51.8 77.6



#22
Diisopropyl ether
Concen: 51.114 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 45 Resp: 513521
Ion Ratio Lower Upper
45 100
43 57.3 52.2 78.4
87 30.2 21.0 31.6
59 12.3 8.9 13.3

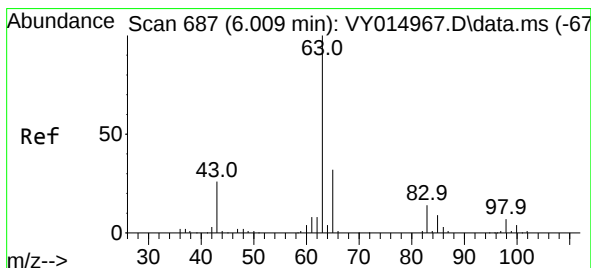
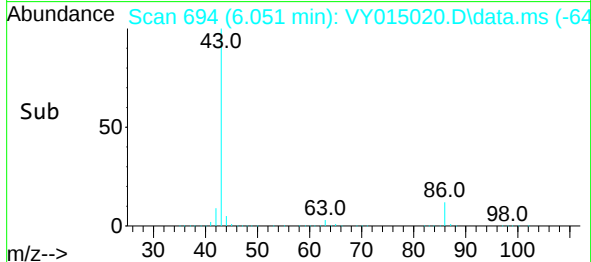
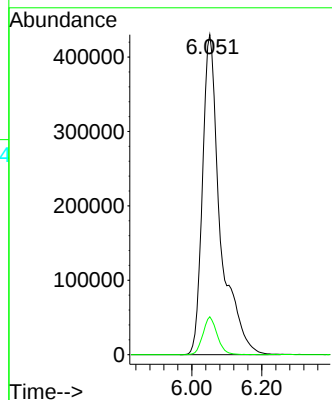
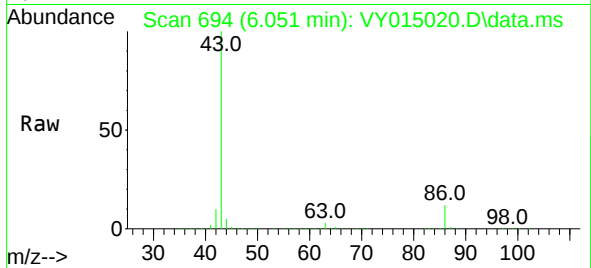




#23
 Vinyl Acetate
 Concen: 251.959 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY015020.D
 Acq: 10 Aug 2023 11:47

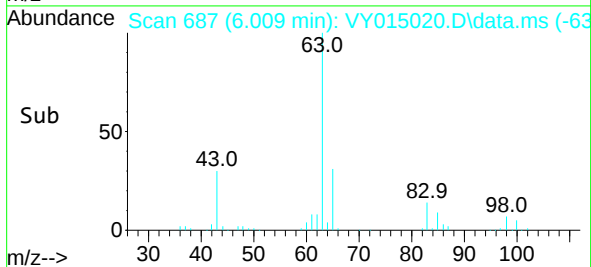
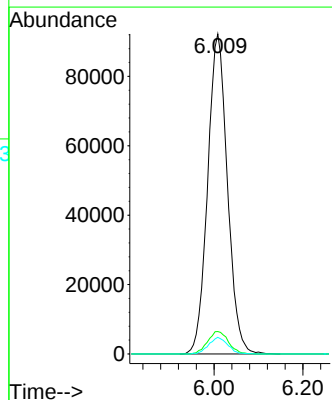
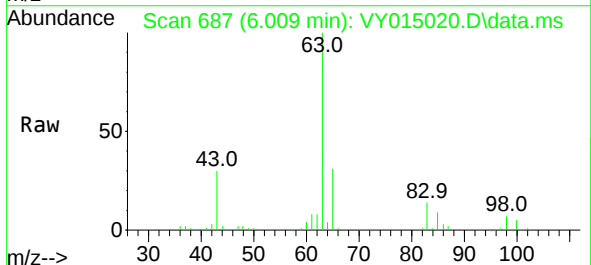
Instrument :
 MSVOA_Y
 ClientSampleId :

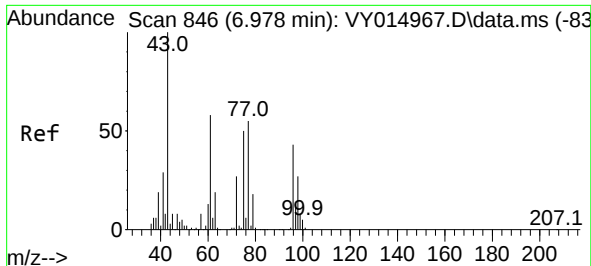
Tgt Ion: 43 Resp: 1521679
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.024 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.000 min
 Lab File: VY015020.D
 Acq: 10 Aug 2023 11:47

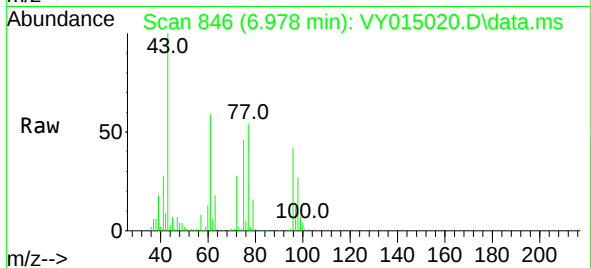
Tgt Ion: 63 Resp: 285069
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 5.2 1.8 5.5



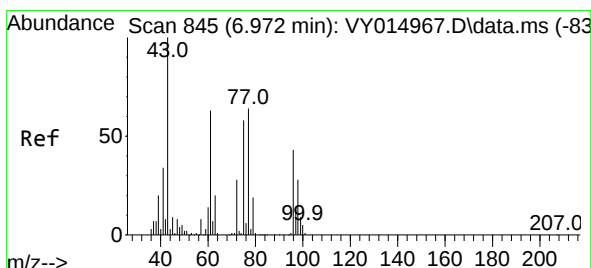
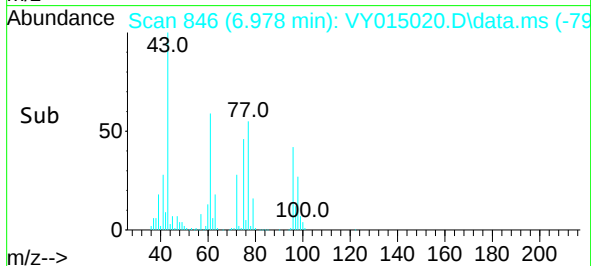
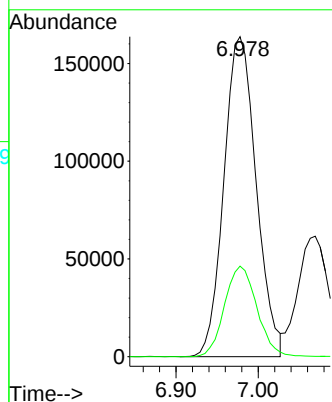


#25
2-Butanone
Concen: 252.129 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :

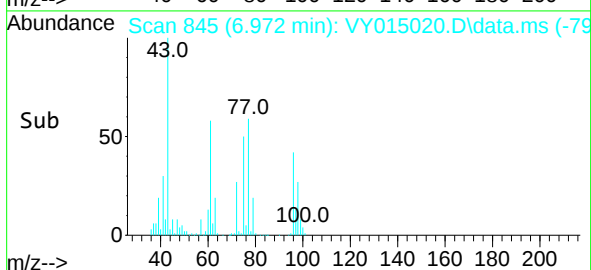
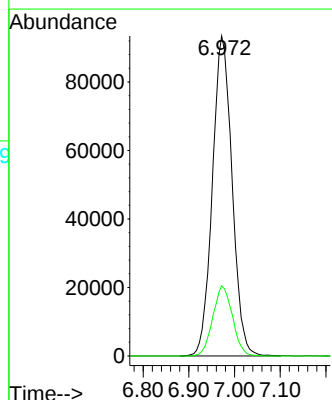
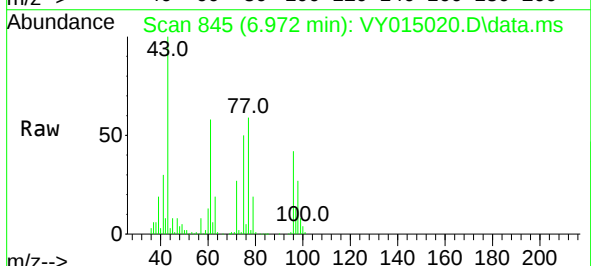


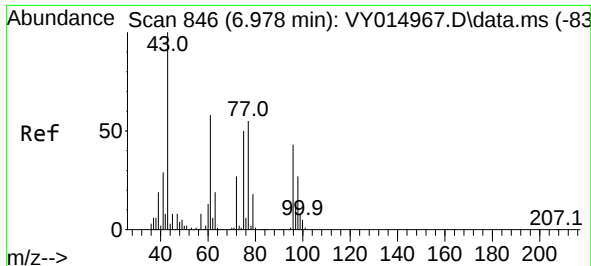
Tgt Ion: 43 Resp: 447251
Ion Ratio Lower Upper
43 100
72 28.3 20.5 30.7



#26
2,2-Dichloropropane
Concen: 48.424 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 77 Resp: 279218
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.276 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.000 min

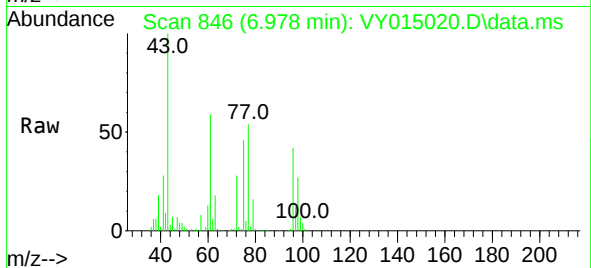
Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :



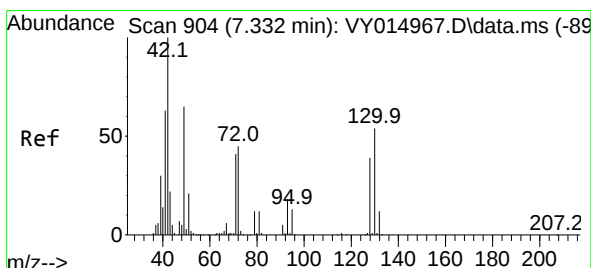
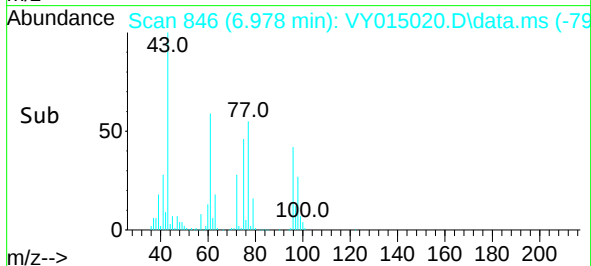
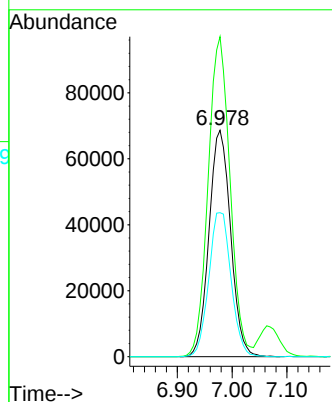
Tgt Ion: 96 Resp: 187843

Ion Ratio Lower Upper

96 100

61 143.2 0.0 301.4

98 65.6 0.0 130.4



#28

Bromochloromethane

Concen: 50.393 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

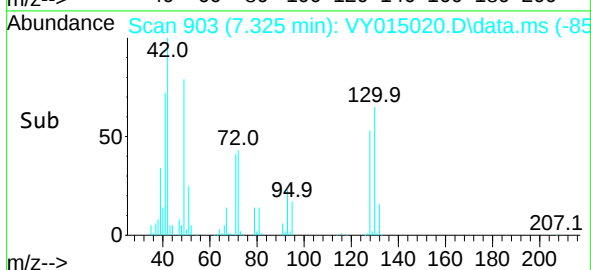
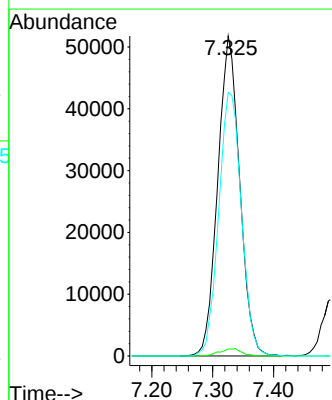
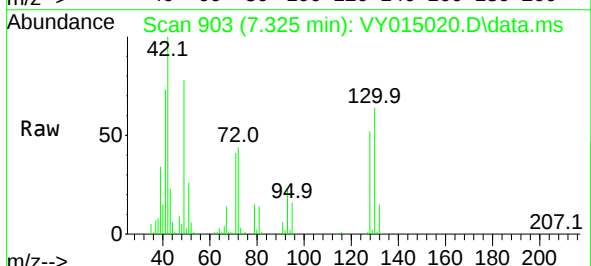
Tgt Ion: 49 Resp: 129456

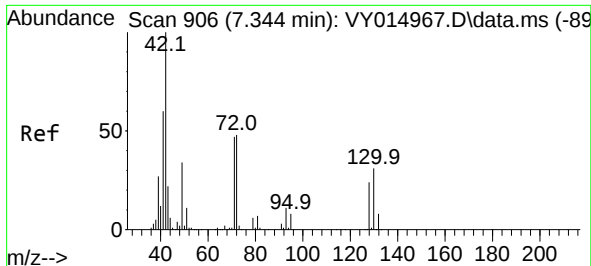
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 85.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 245.713 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

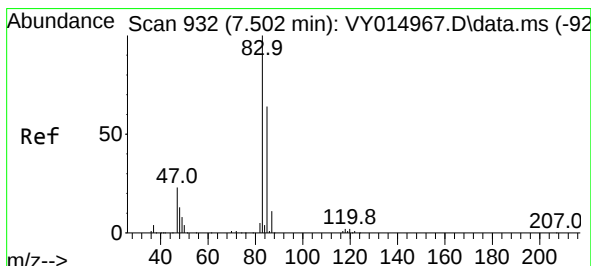
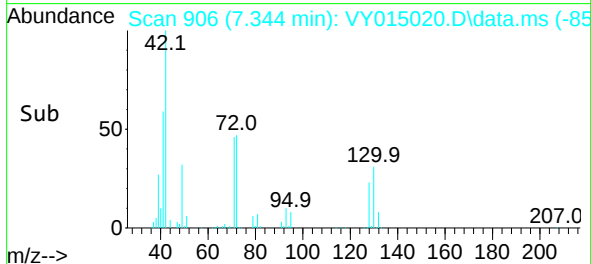
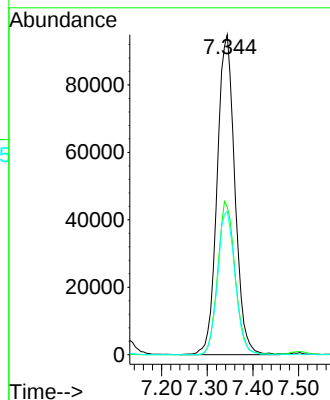
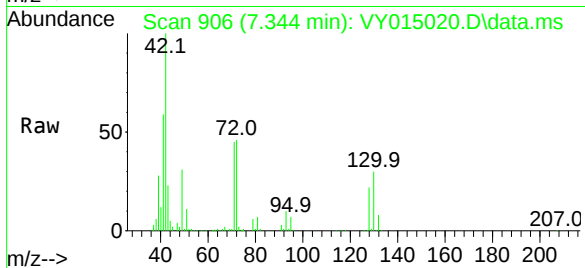
Tgt Ion: 42 Resp: 255602

Ion Ratio Lower Upper

42 100

72 46.8 32.8 49.2

71 44.2 31.0 46.4



#30

Chloroform

Concen: 50.926 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY015020.D

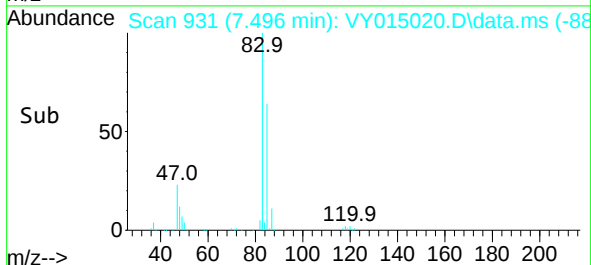
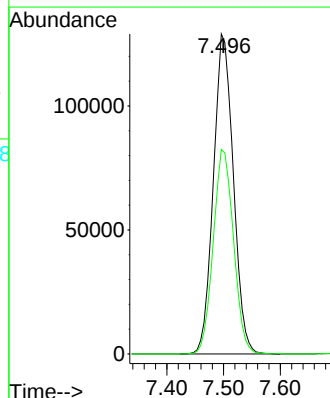
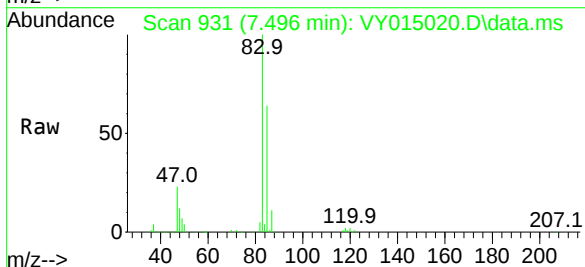
Acq: 10 Aug 2023 11:47

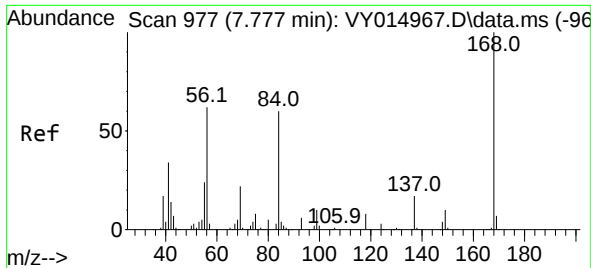
Tgt Ion: 83 Resp: 315253

Ion Ratio Lower Upper

83 100

85 63.9 49.7 74.5

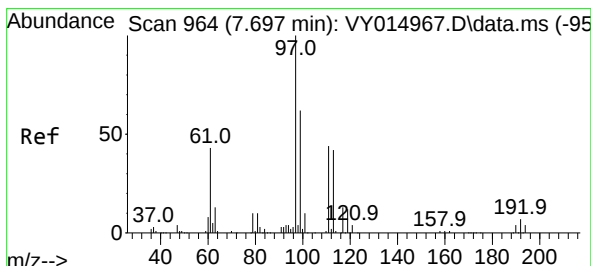
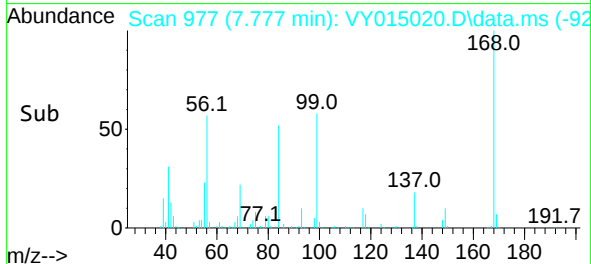
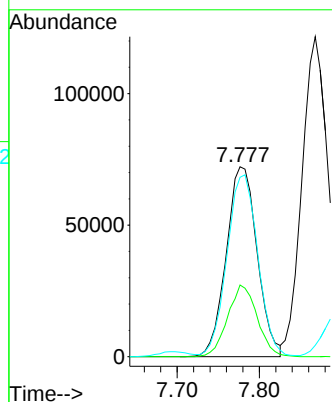
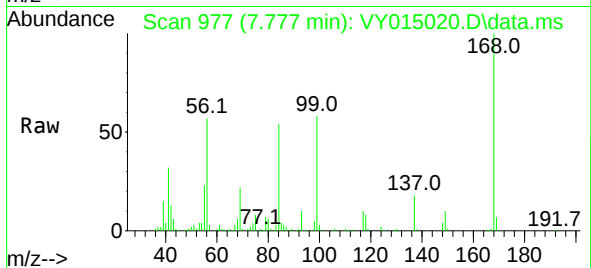




#31
Cyclohexane
Concen: 45.670 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

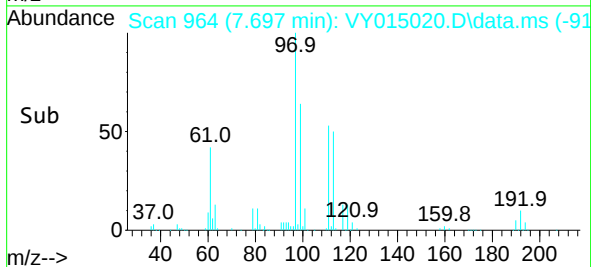
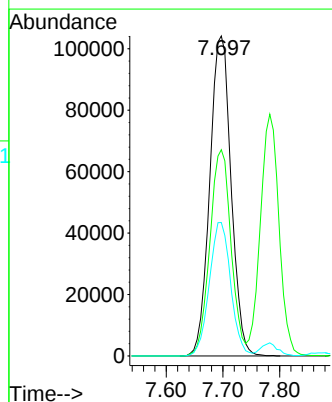
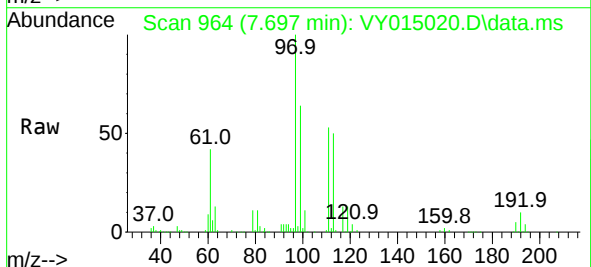
Instrument :
MSVOA_Y
ClientSampleId :

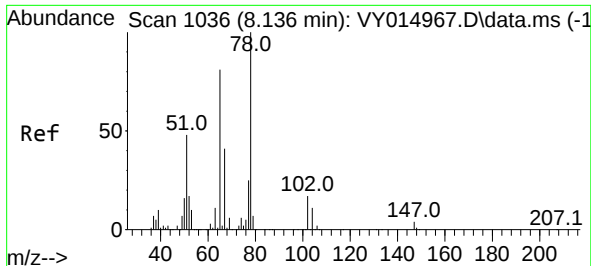
Tgt Ion: 56 Resp: 188887
Ion Ratio Lower Upper
56 100
69 37.7 27.8 41.6
84 92.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.837 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 97 Resp: 271883
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 41.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.348 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

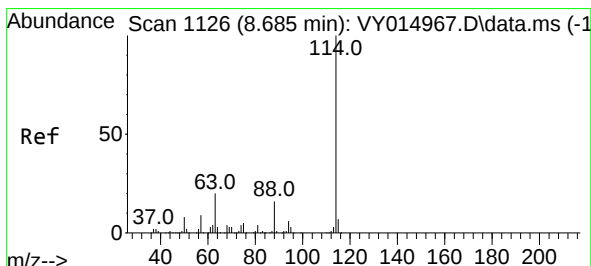
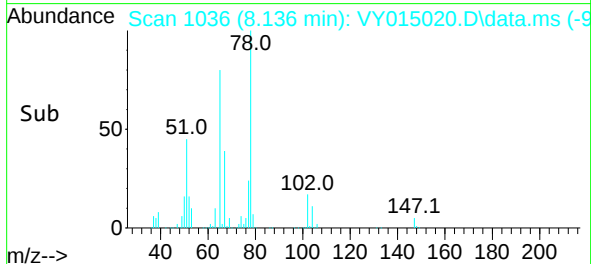
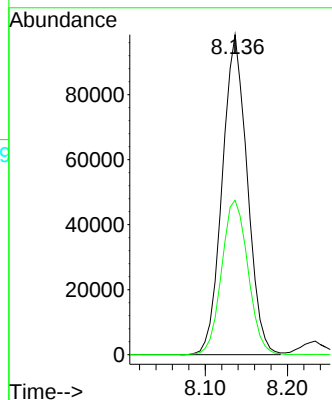
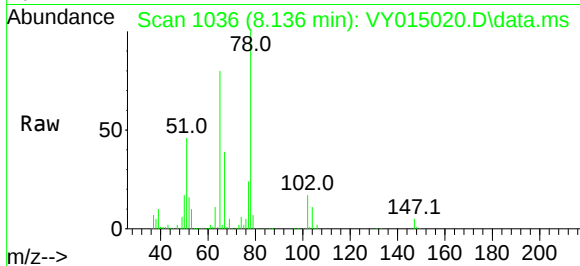
ClientSampleId :

Tgt Ion: 65 Resp: 207908

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

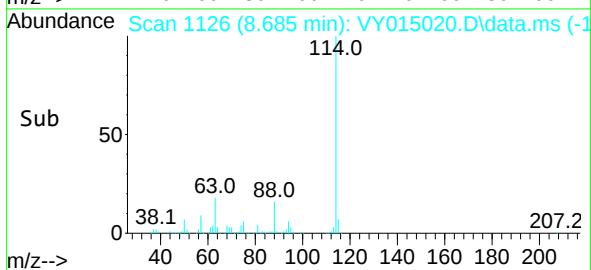
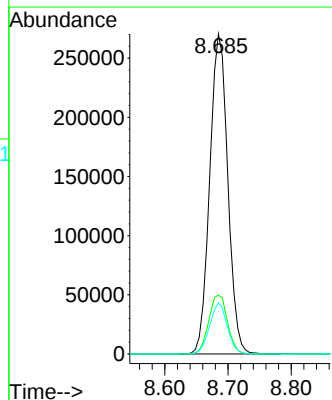
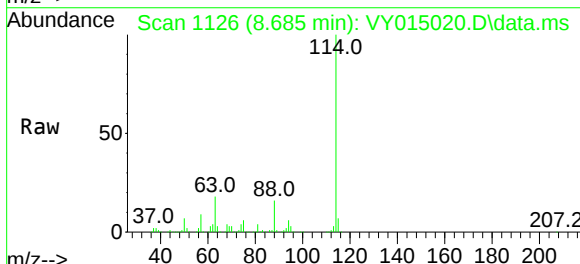
Tgt Ion: 114 Resp: 537226

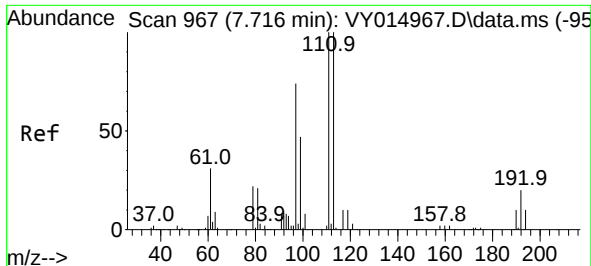
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

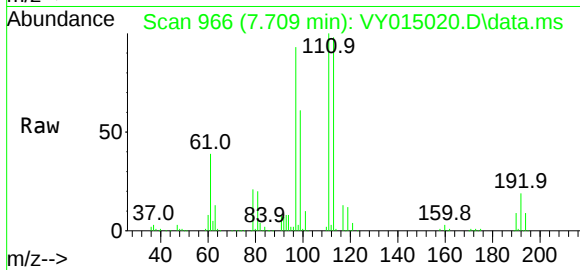
88 16.0 0.0 30.6



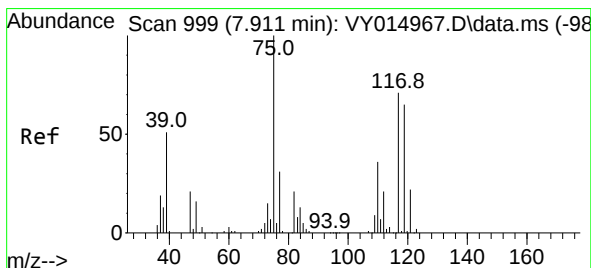
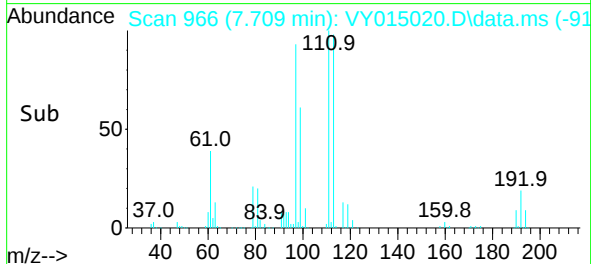
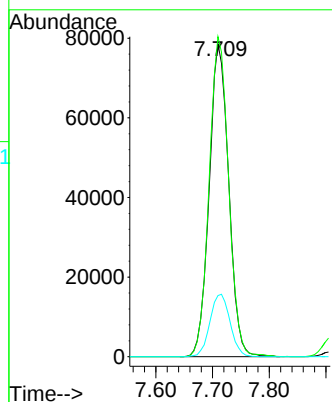


#35
 Dibromofluoromethane
 Concen: 54.701 ug/l
 RT: 7.709 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VY015020.D
 Acq: 10 Aug 2023 11:47

Instrument :
 MSVOA_Y
 ClientSampleId :

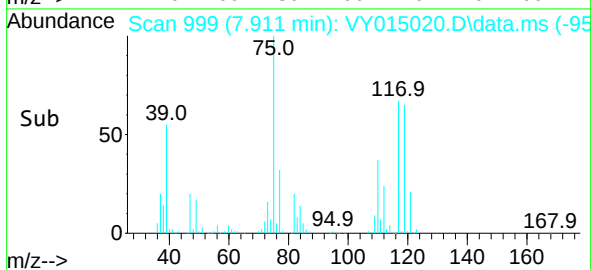
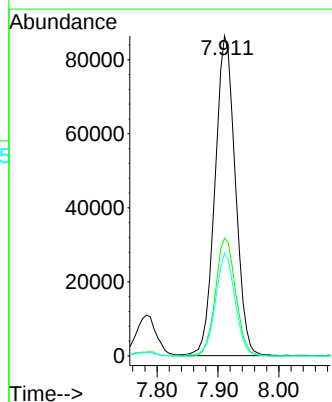
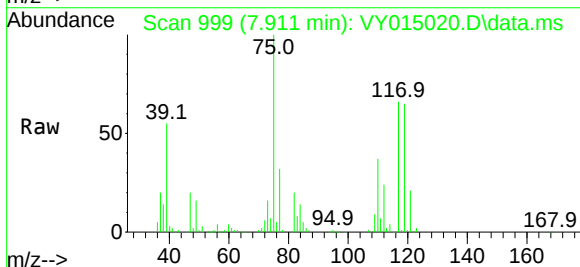


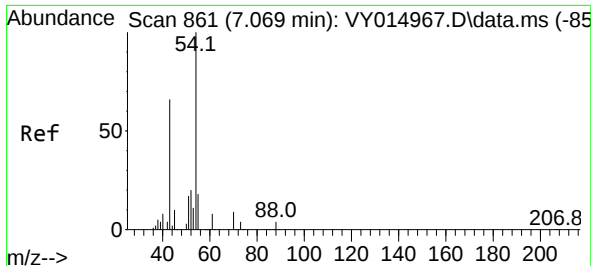
Tgt Ion:113 Resp: 187921
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.3 121.9
 192 20.6 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 46.921 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. -0.000 min
 Lab File: VY015020.D
 Acq: 10 Aug 2023 11:47

Tgt Ion: 75 Resp: 200127
 Ion Ratio Lower Upper
 75 100
 110 36.5 17.8 53.5
 77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 50.187 ug/l

RT: 7.069 min Scan# 8

Delta R.T. -0.000 min

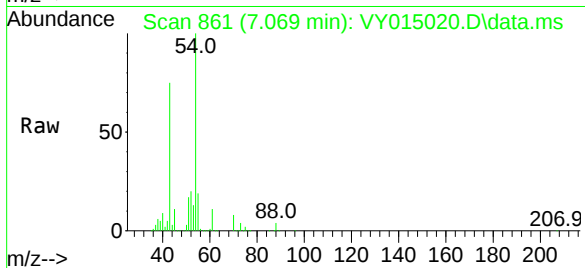
Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

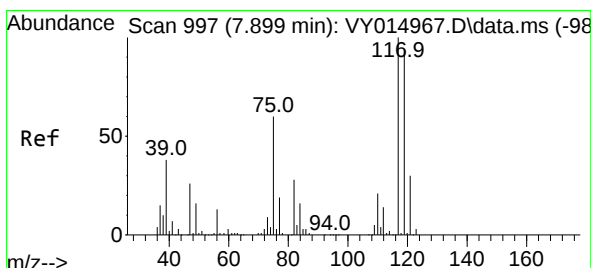
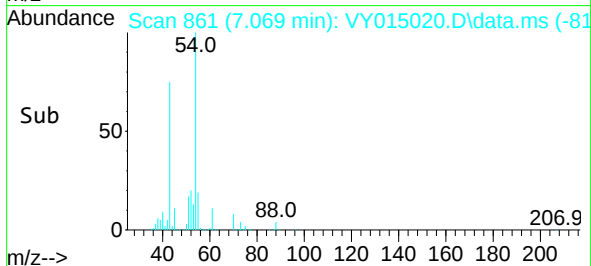
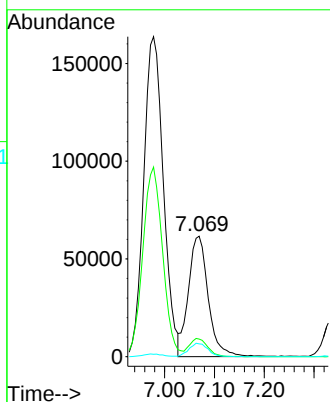
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	169910
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.1	15.1
70	10.8	7.1	10.7



#38

Carbon Tetrachloride

Concen: 48.415 ug/l

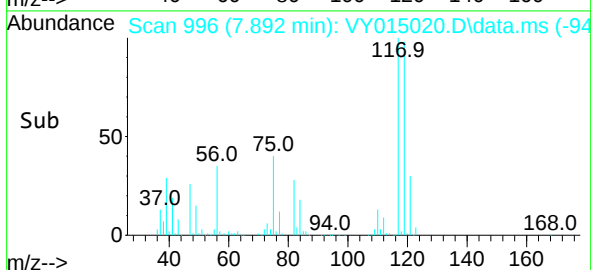
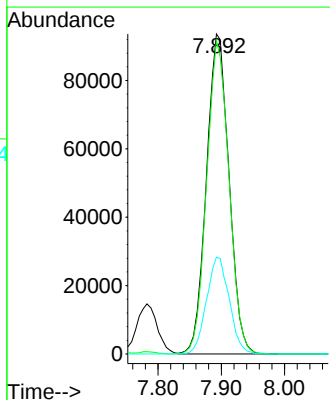
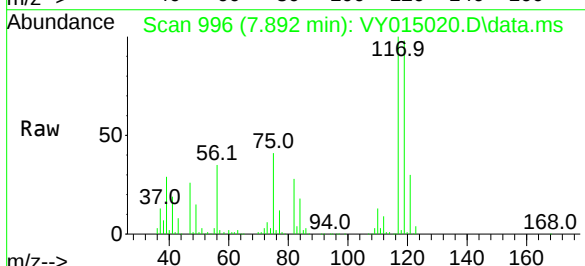
RT: 7.892 min Scan# 996

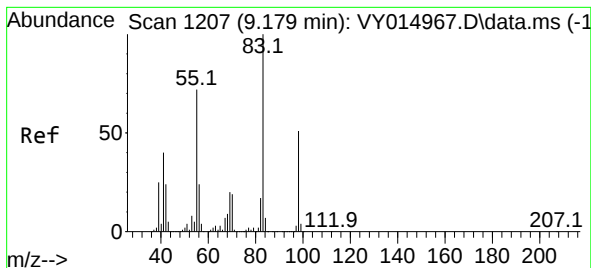
Delta R.T. -0.006 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Tgt Ion:	117	Resp:	232145
Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.4	114.6
121	30.2	25.8	38.6





#39

Methylcyclohexane

Concen: 44.000 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

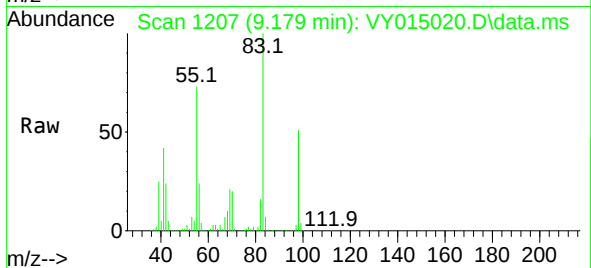
Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :



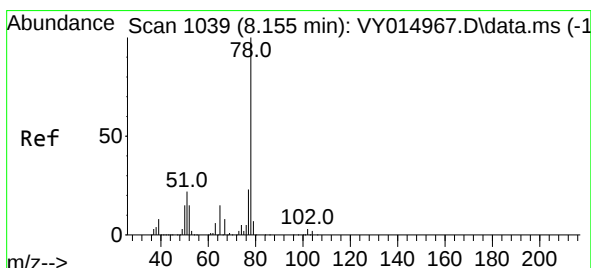
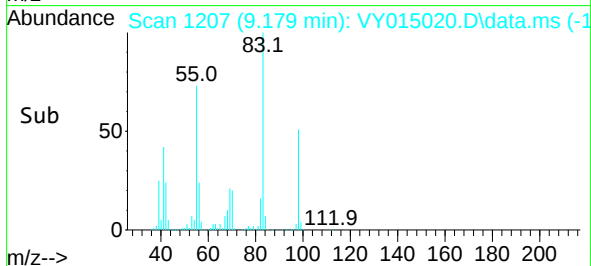
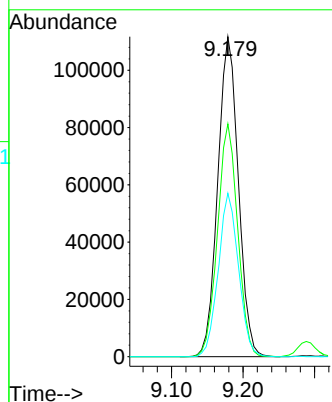
Tgt Ion: 83 Resp: 223177

Ion Ratio Lower Upper

83 100

55 72.8 63.0 94.4

98 51.1 37.4 56.2



#40

Benzene

Concen: 49.052 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY015020.D

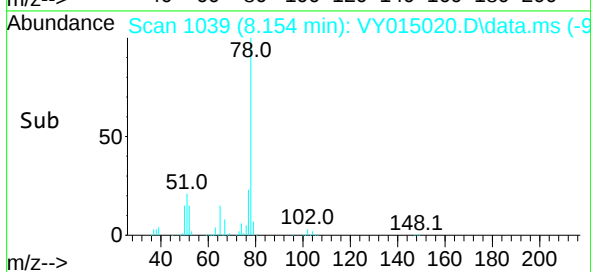
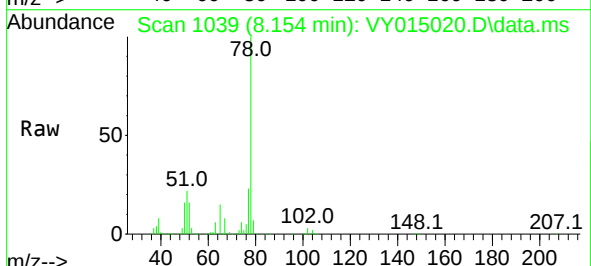
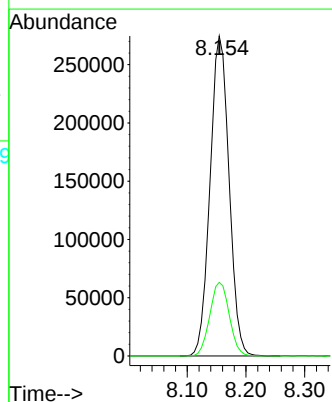
Acq: 10 Aug 2023 11:47

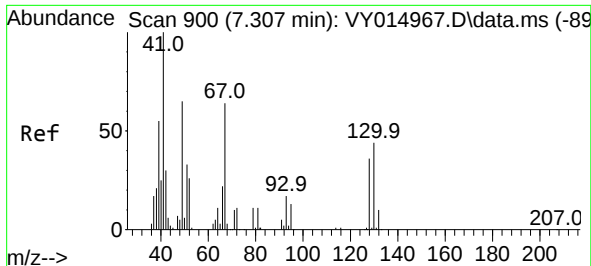
Tgt Ion: 78 Resp: 616054

Ion Ratio Lower Upper

78 100

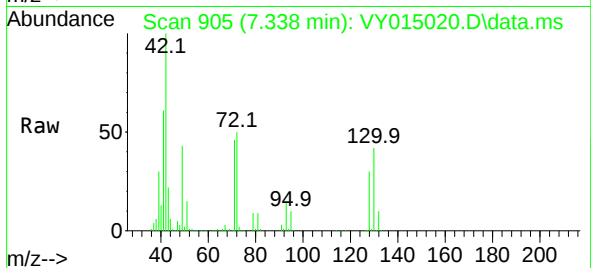
77 23.0 19.0 28.6



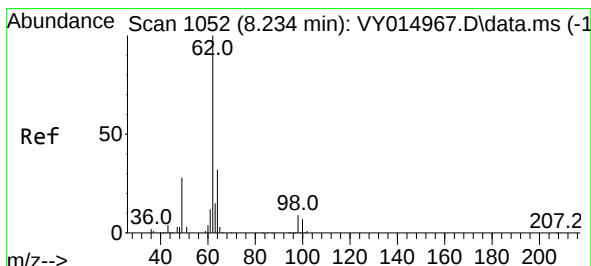
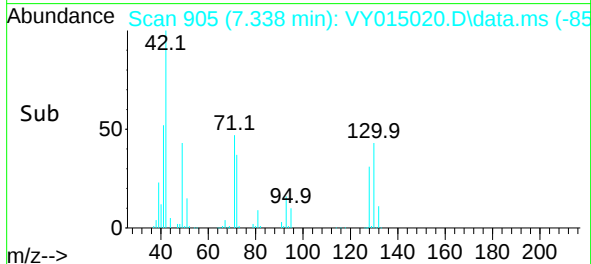
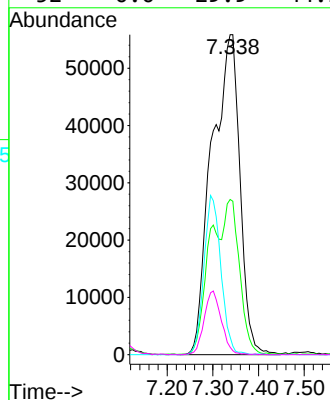


#41
Methacrylonitrile
Concen: 144.637 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.030 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :

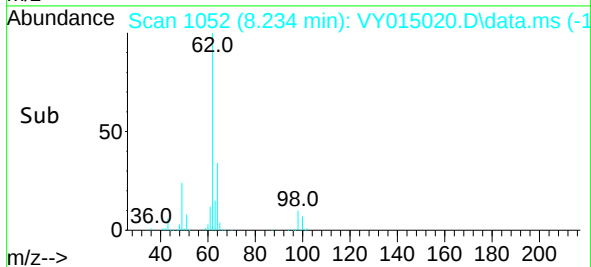
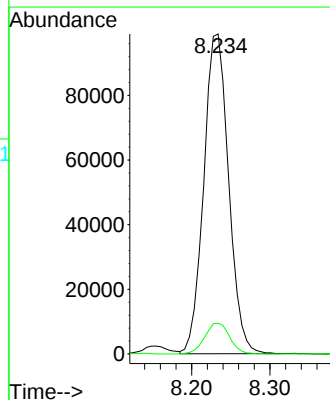
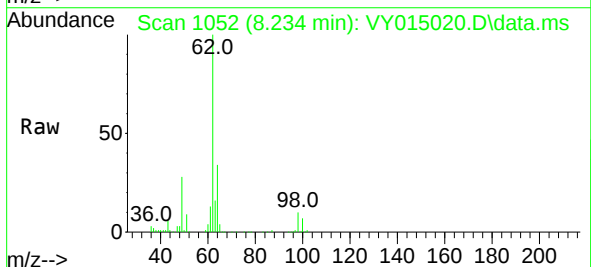


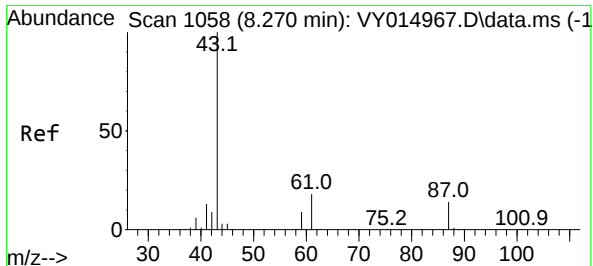
Tgt Ion: 41 Resp: 237967
Ion Ratio Lower Upper
41 100
39 26.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 49.949 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 62 Resp: 218365
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8

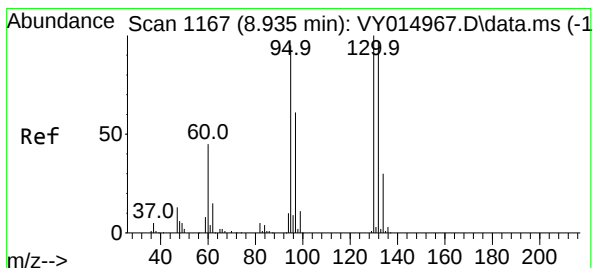
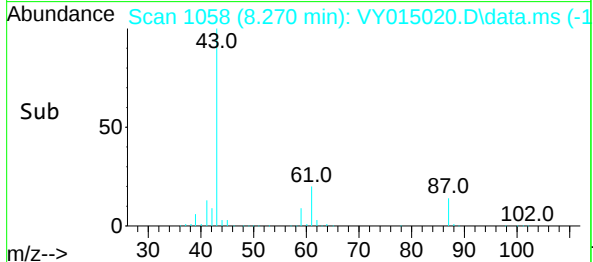
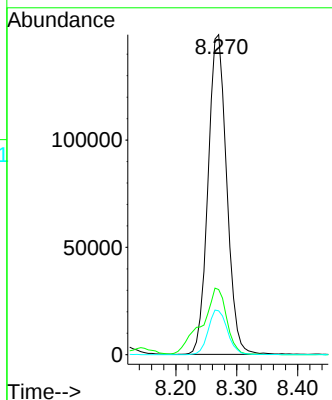
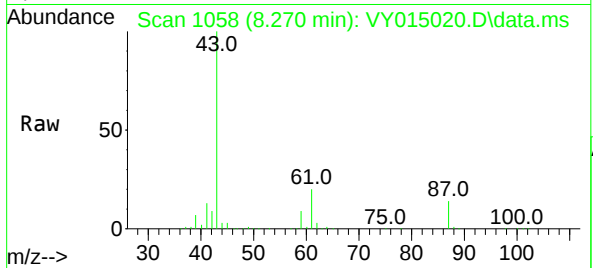




#43
Isopropyl Acetate
Concen: 50.361 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

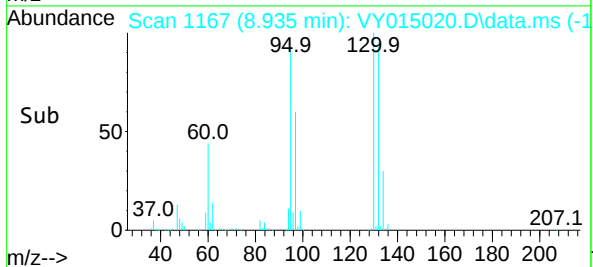
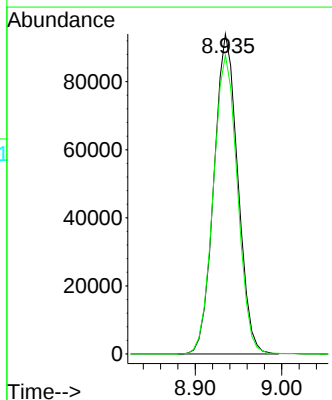
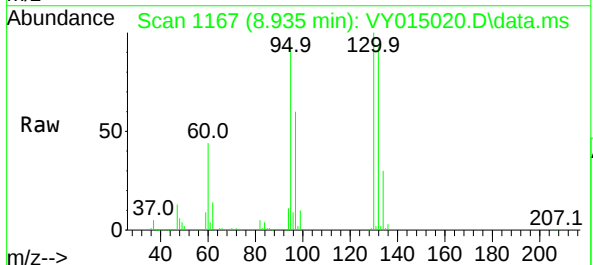
Instrument :
MSVOA_Y
ClientSampleId :

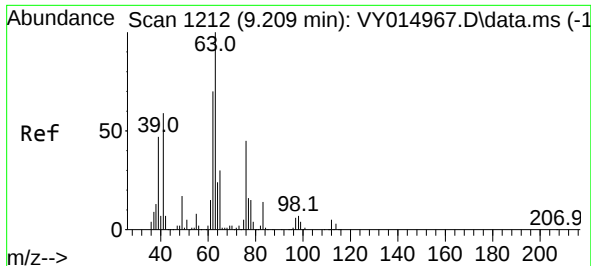
Tgt Ion: 43 Resp: 316774
Ion Ratio Lower Upper
43 100
61 27.9 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 49.881 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion:130 Resp: 179758
Ion Ratio Lower Upper
130 100
95 93.5 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.480 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

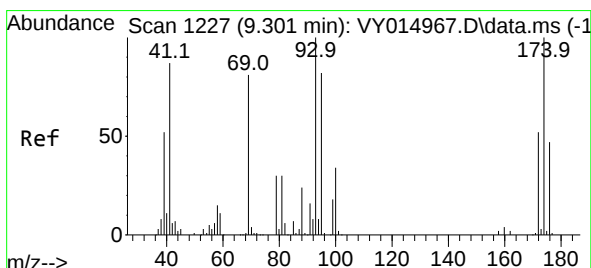
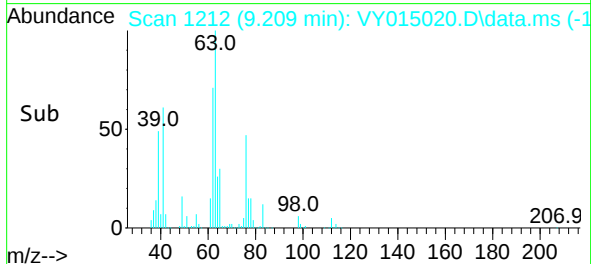
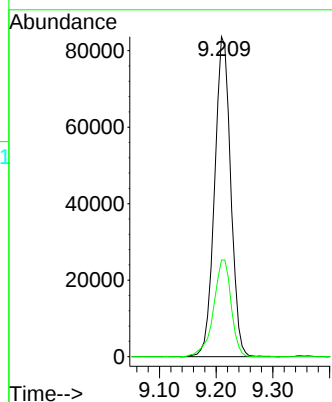
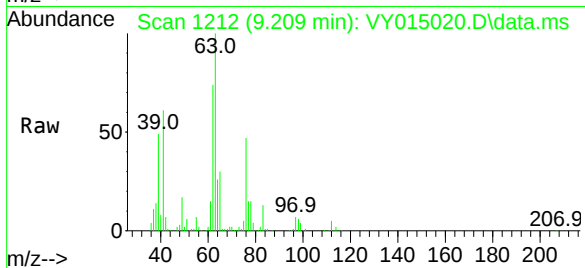
ClientSampleId :

Tgt Ion: 63 Resp: 165155

Ion Ratio Lower Upper

63 100

65 30.2 23.8 35.6



#46

Dibromomethane

Concen: 50.530 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

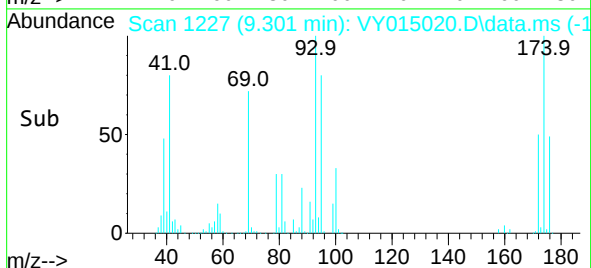
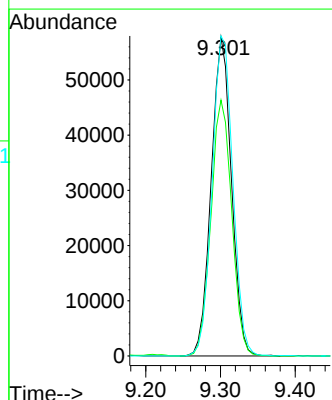
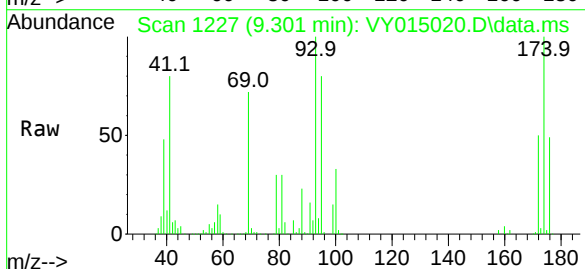
Tgt Ion: 93 Resp: 108650

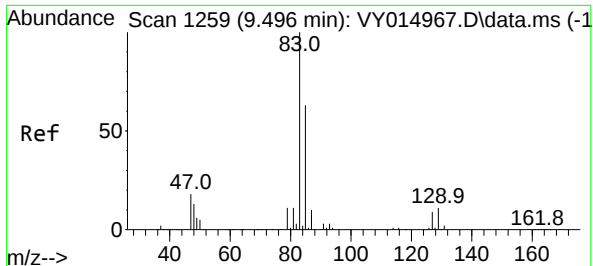
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 102.6 84.8 127.2





#47

Bromodichloromethane

Concen: 52.329 ug/l

RT: 9.490 min Scan# 1259

Delta R.T. -0.006 min

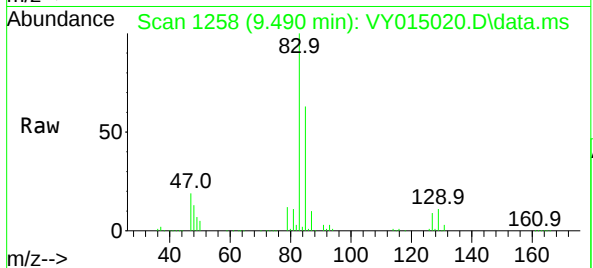
Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :



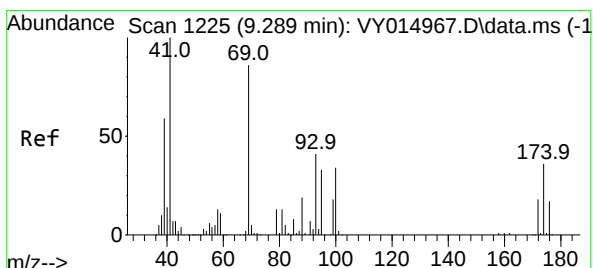
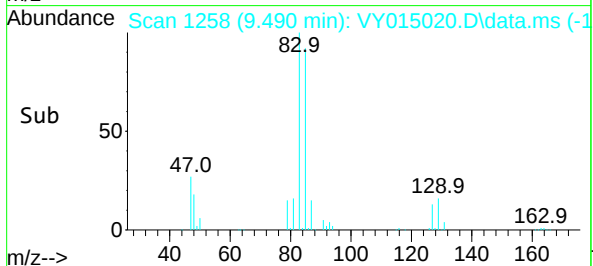
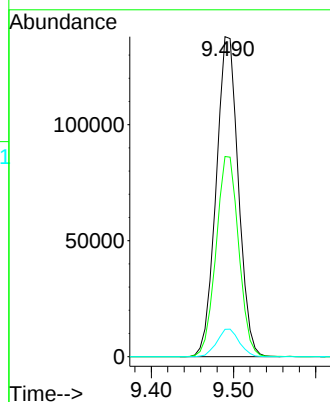
Tgt Ion: 83 Resp: 259110

Ion Ratio Lower Upper

83 100

85 62.5 50.1 75.1

127 8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 50.972 ug/l

RT: 9.288 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

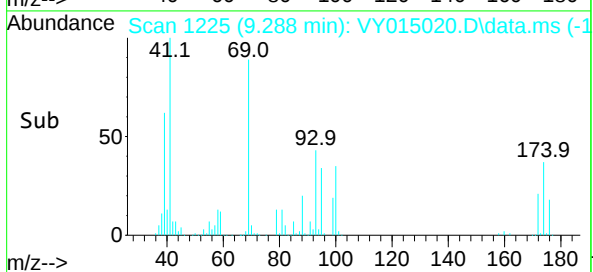
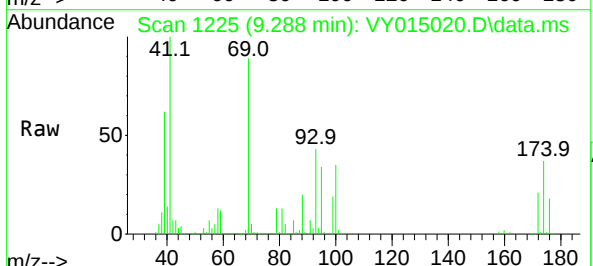
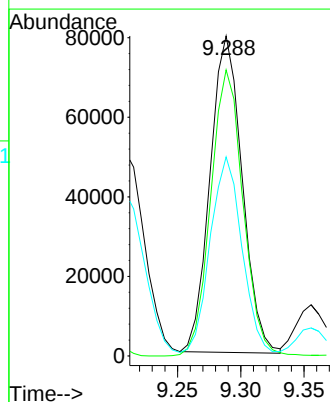
Tgt Ion: 41 Resp: 140672

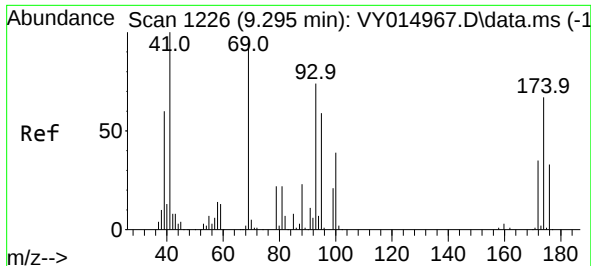
Ion Ratio Lower Upper

41 100

69 90.9 64.5 96.7

39 62.8 50.8 76.2





#49

1,4-Dioxane

Concen: 991.870 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

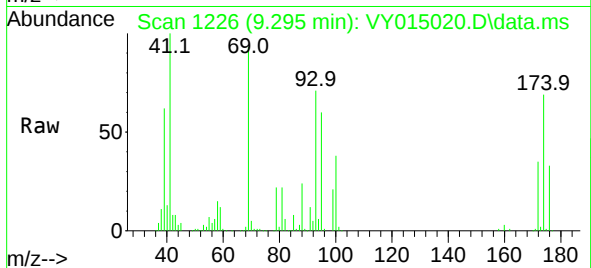
Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :



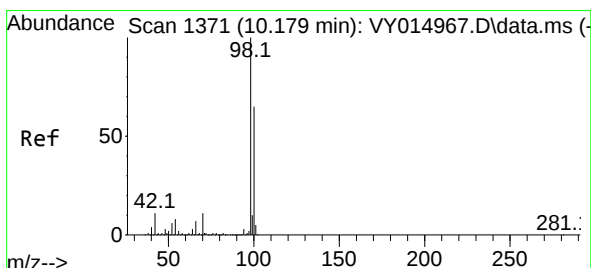
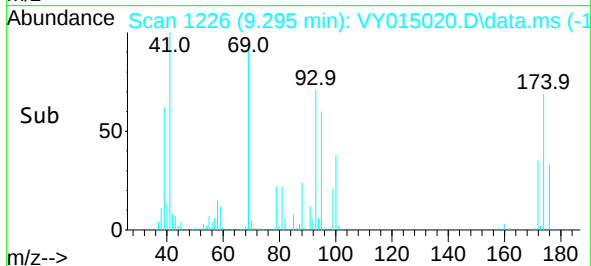
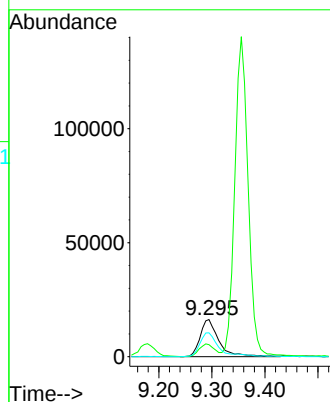
Tgt Ion: 88 Resp: 39670

Ion Ratio Lower Upper

88 100

43 28.1 0.0 0.0#

58 66.6 30.9 46.3#



#50

Toluene-d8

Concen: 52.201 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015020.D

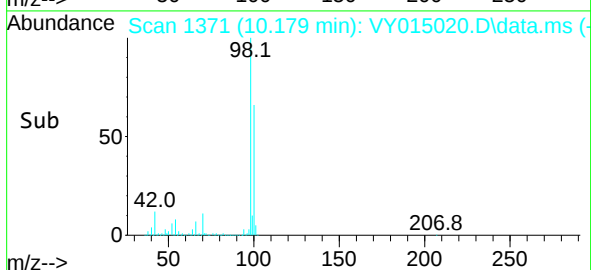
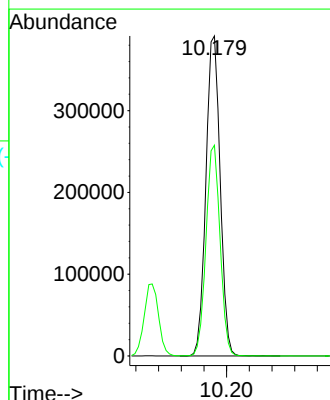
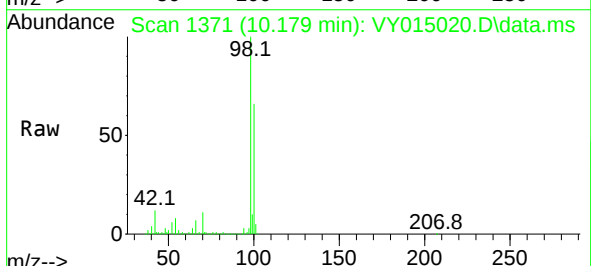
Acq: 10 Aug 2023 11:47

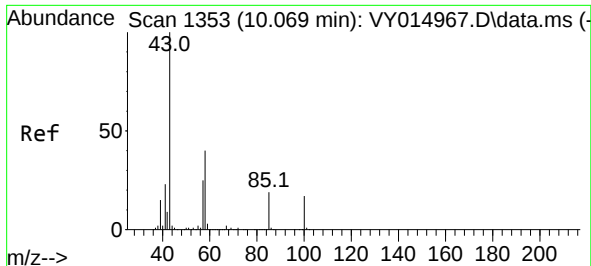
Tgt Ion: 98 Resp: 682582

Ion Ratio Lower Upper

98 100

100 65.2 50.1 75.1

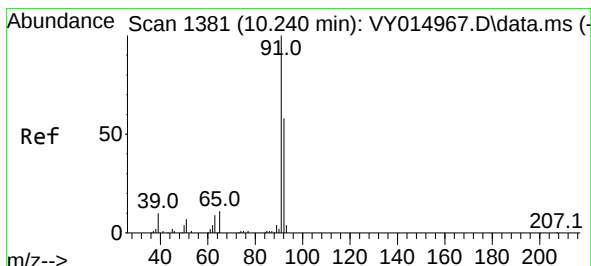
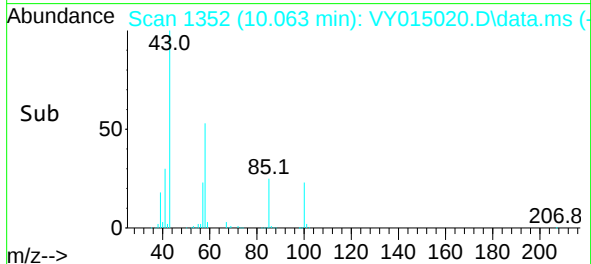
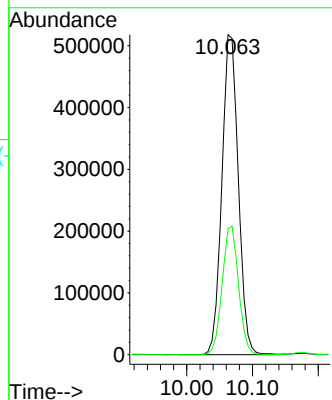
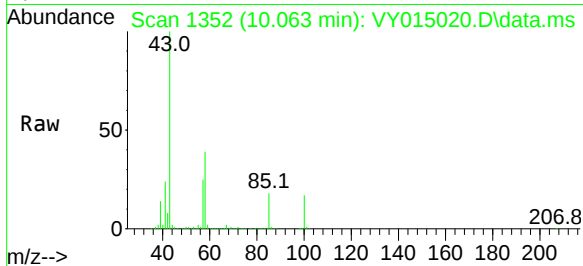




#51
4-Methyl-2-Pentanone
Concen: 253.847 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

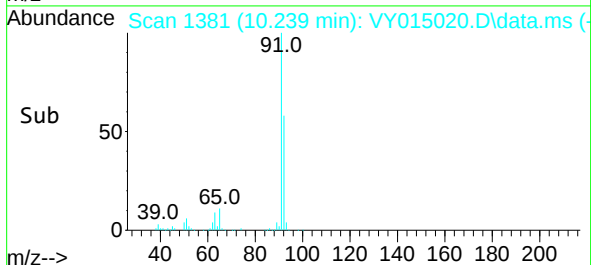
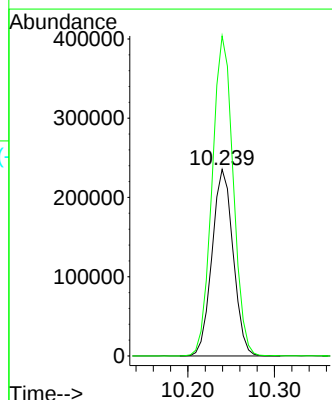
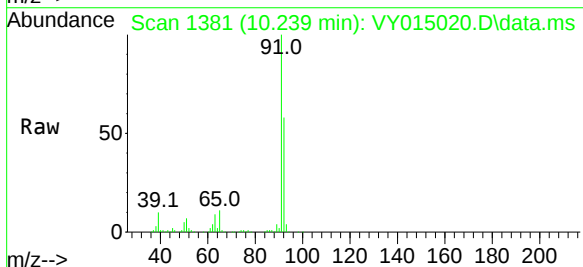
Instrument :
MSVOA_Y
ClientSampleId :

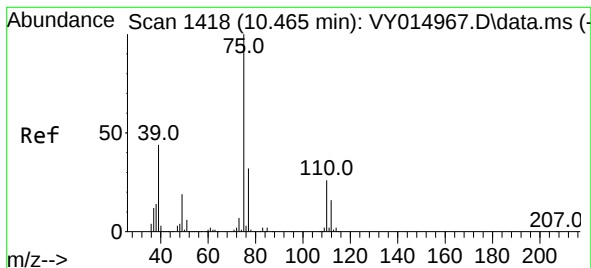
Tgt Ion: 43 Resp: 899805
Ion Ratio Lower Upper
43 100
58 40.1 29.0 43.6



#52
Toluene
Concen: 49.357 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 92 Resp: 398904
Ion Ratio Lower Upper
92 100
91 171.4 143.8 215.6

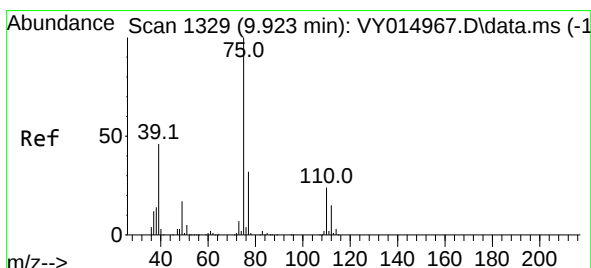
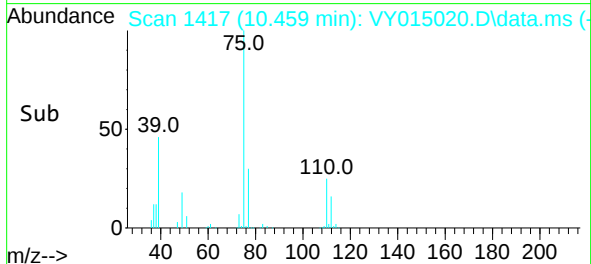
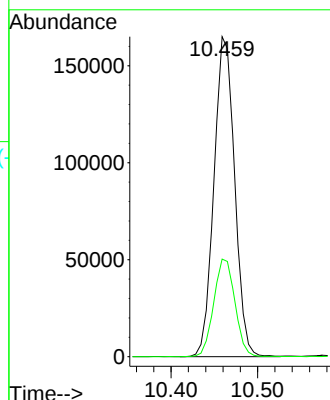
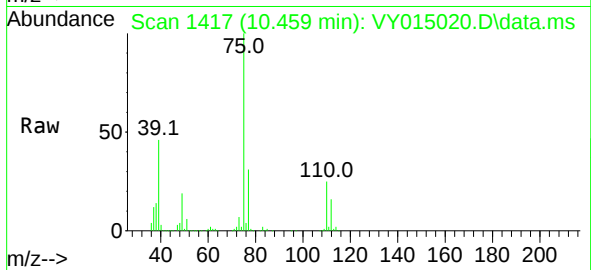




#53
 t-1,3-Dichloropropene
 Concen: 53.115 ug/l
 RT: 10.459 min Scan# 1418
 Delta R.T. -0.006 min
 Lab File: VY015020.D
 Acq: 10 Aug 2023 11:47

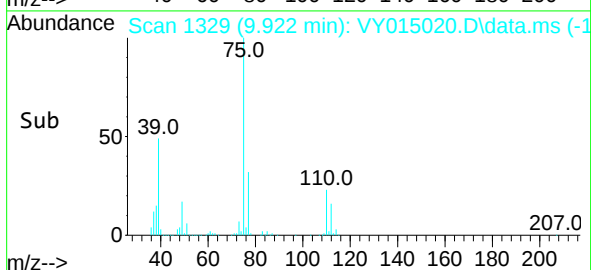
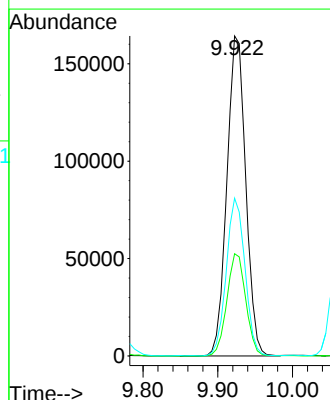
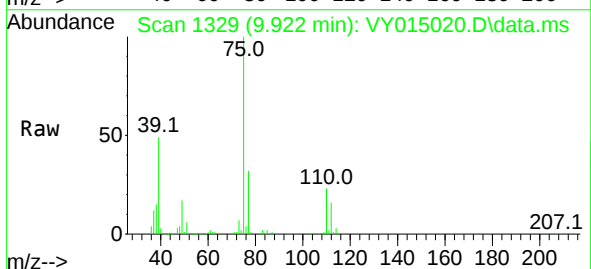
Instrument :
 MSVOA_Y
 ClientSampleId :

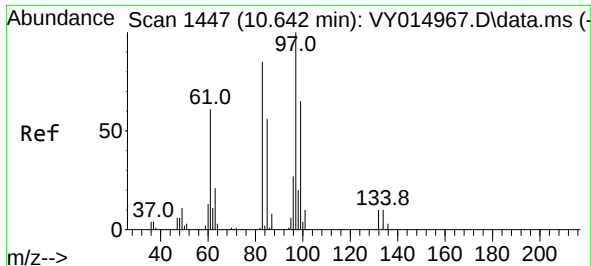
Tgt Ion: 75 Resp: 273886
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.764 ug/l
 RT: 9.922 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY015020.D
 Acq: 10 Aug 2023 11:47

Tgt Ion: 75 Resp: 288385
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 49.2 42.2 63.4

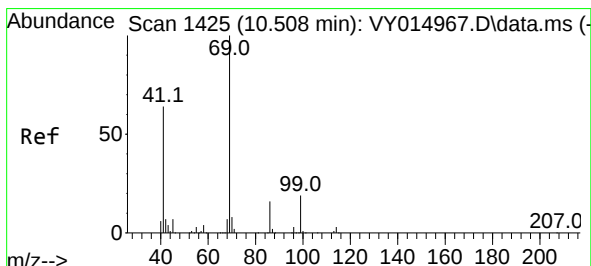
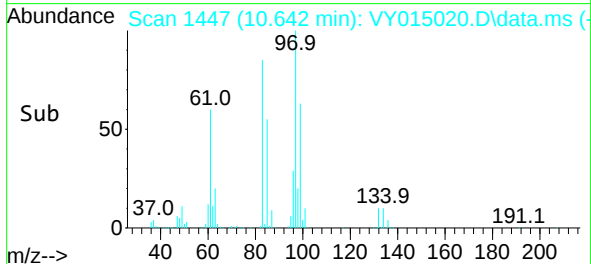
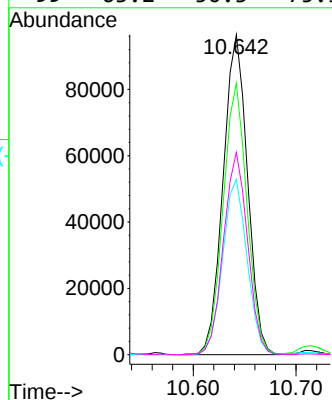
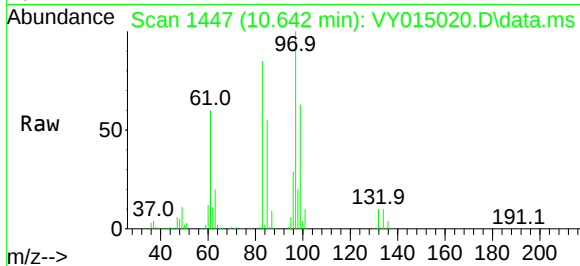




#55
1,1,2-Trichloroethane
Concen: 50.908 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

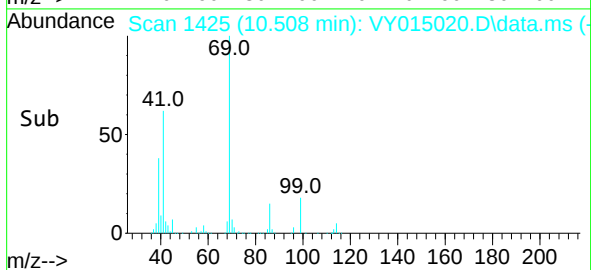
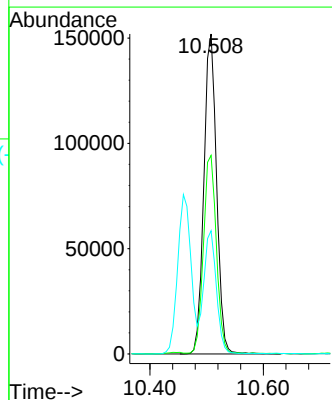
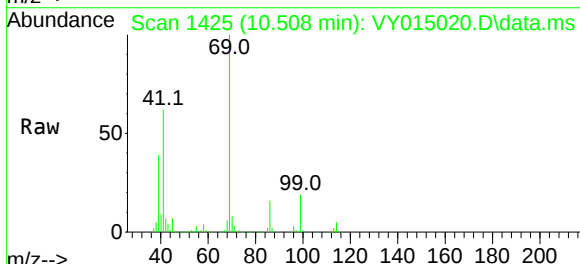
Instrument :
MSVOA_Y
ClientSampleId :

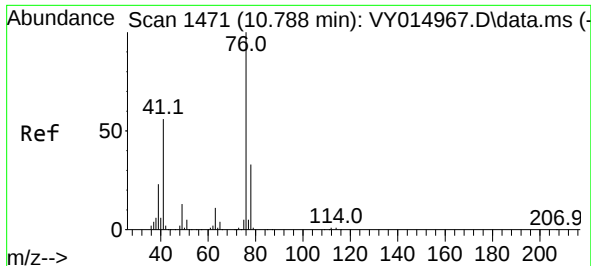
Tgt Ion:	97	Resp:	159094
Ion	Ratio	Lower	Upper
97	100		
83	84.8	72.0	108.0
85	54.8	45.4	68.0
99	63.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 52.911 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

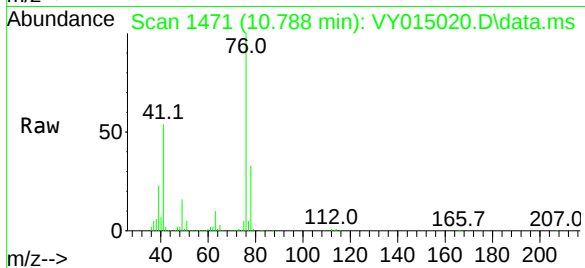
Tgt Ion:	69	Resp:	236772
Ion	Ratio	Lower	Upper
69	100		
41	62.9	57.6	86.4
39	38.4	34.1	51.1



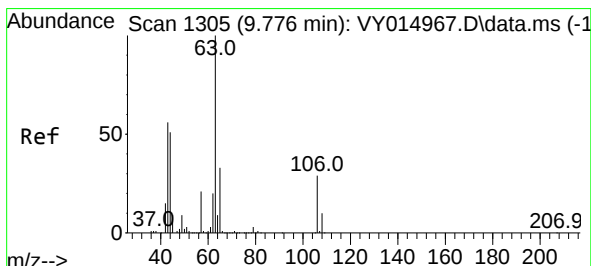
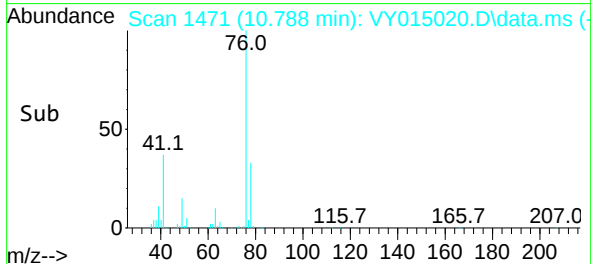
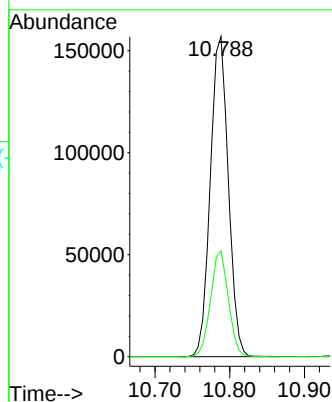


#57
1,3-Dichloropropane
Concen: 50.973 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :

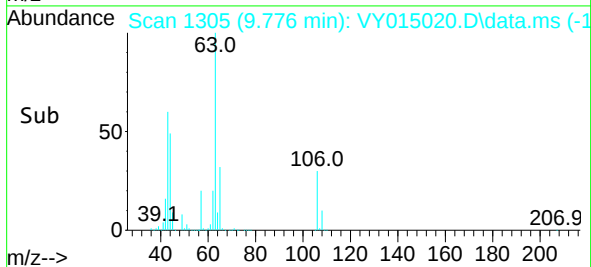
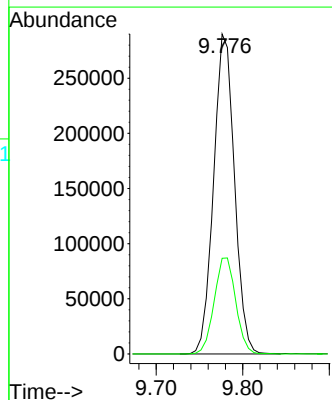
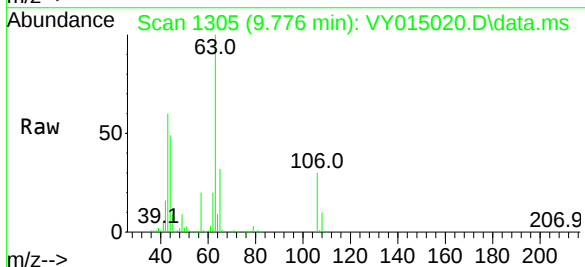


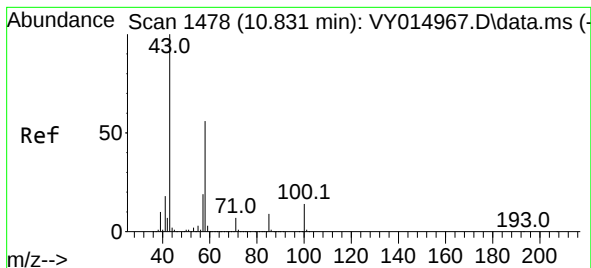
Tgt Ion: 76 Resp: 263555
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 229.423 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

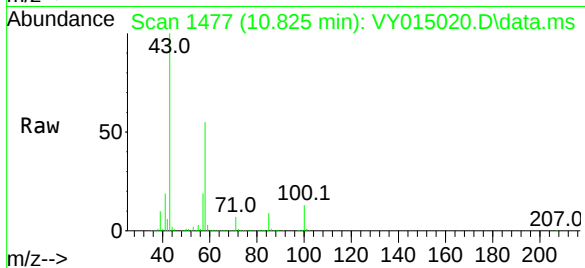
Tgt Ion: 63 Resp: 485430
Ion Ratio Lower Upper
63 100
106 30.9 21.2 31.8



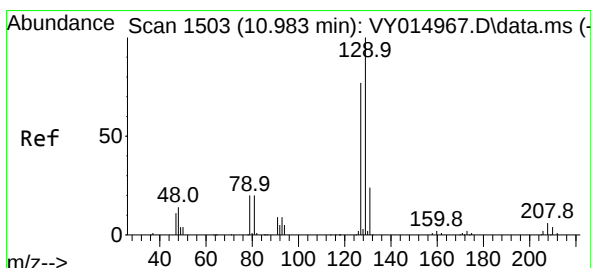
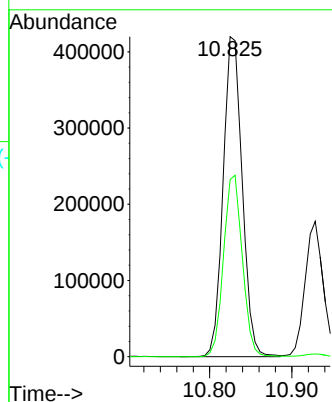
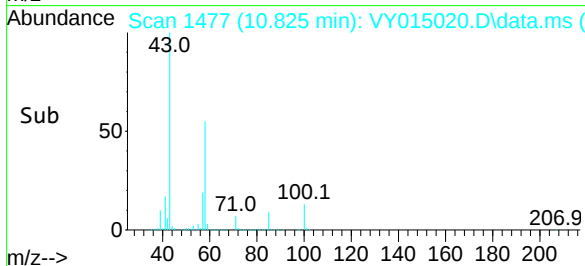


#59
2-Hexanone
Concen: 258.051 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :

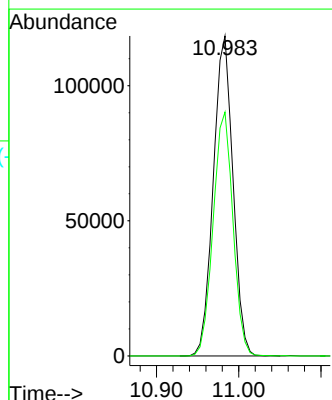
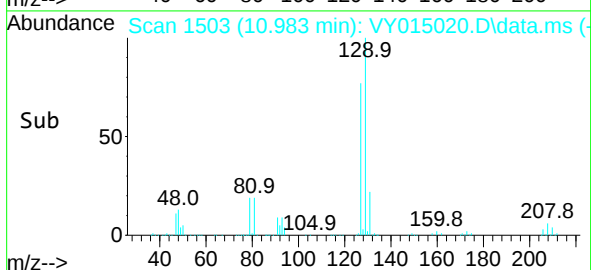
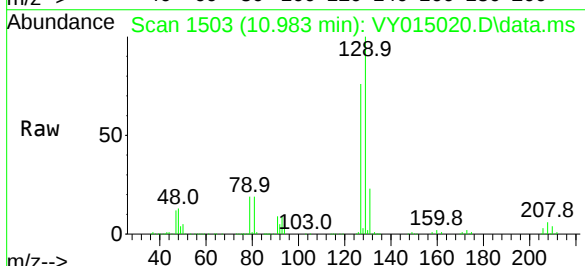


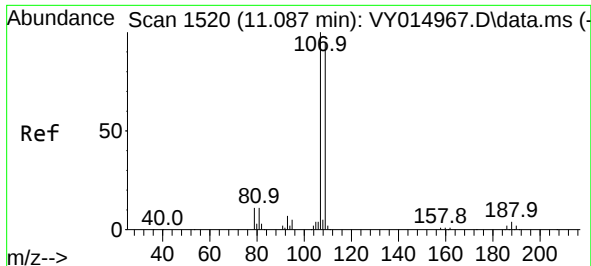
Tgt Ion: 43 Resp: 675708
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3



#60
Dibromochloromethane
Concen: 52.868 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 129 Resp: 196726
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

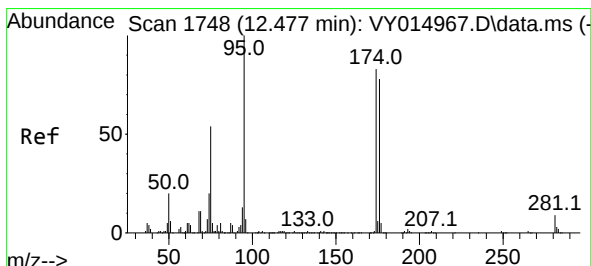
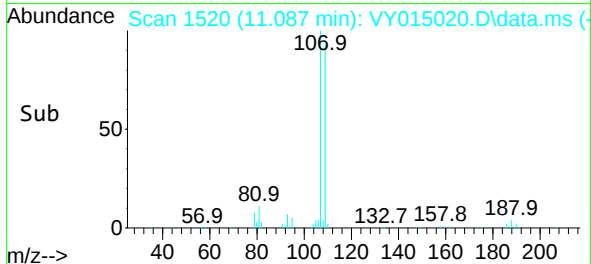
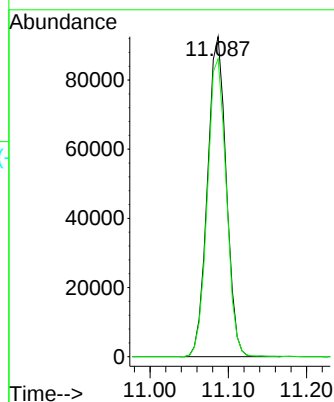
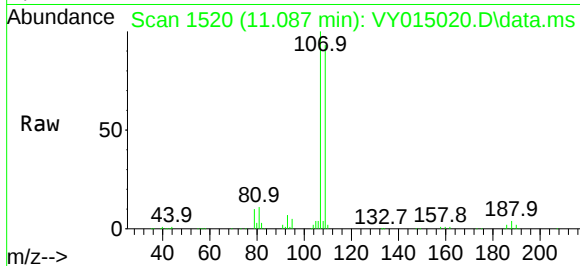




#61
1,2-Dibromoethane
Concen: 51.562 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

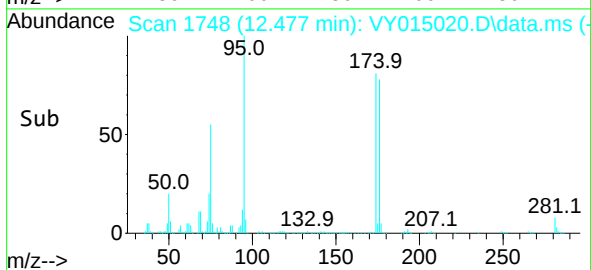
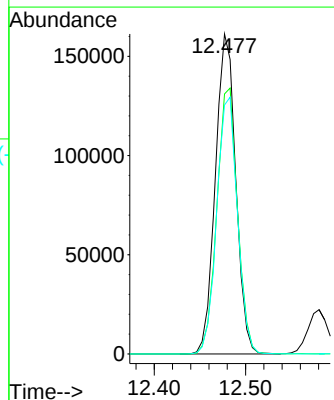
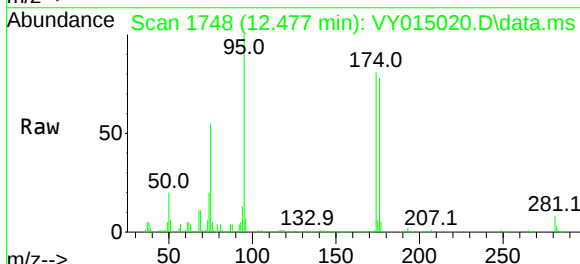
Instrument :
MSVOA_Y
ClientSampleId :

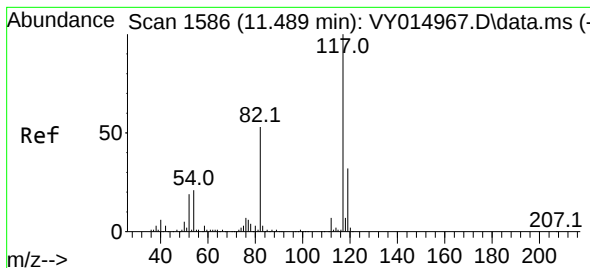
Tgt Ion:107 Resp: 153806
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.881 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 95 Resp: 249708
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 81.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

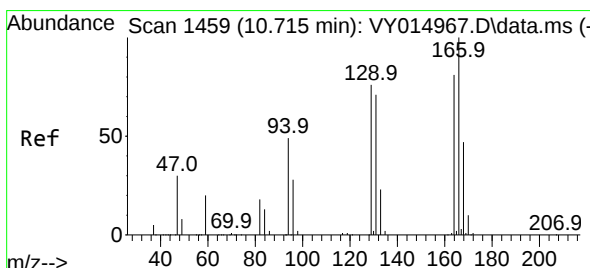
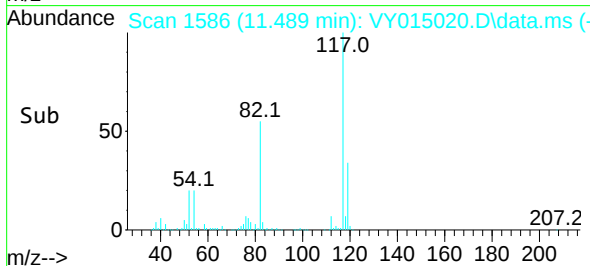
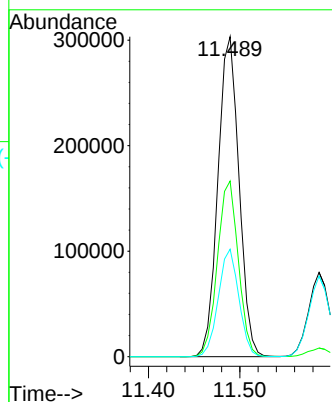
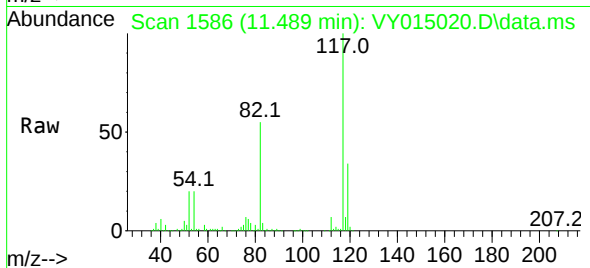
Tgt Ion:117 Resp: 487224

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 33.6 26.3 39.5



#64

Tetrachloroethene

Concen: 52.908 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Tgt Ion:164 Resp: 193907

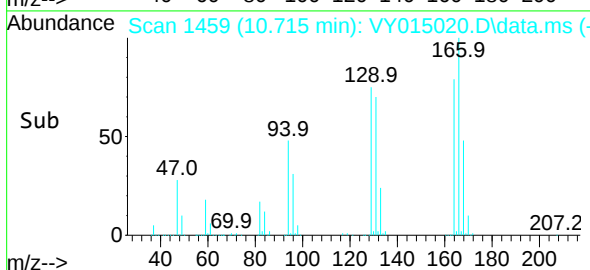
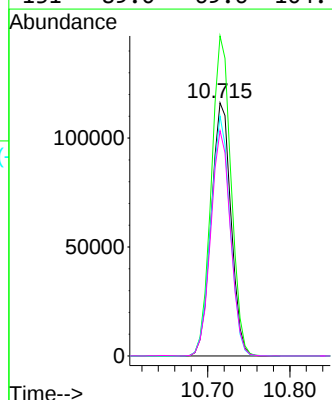
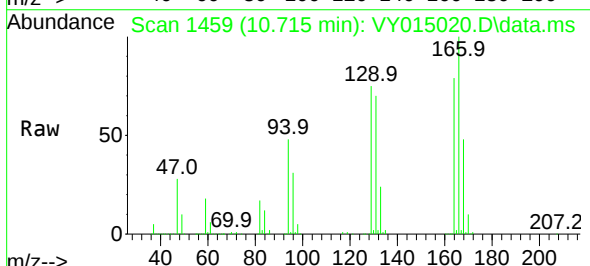
Ion Ratio Lower Upper

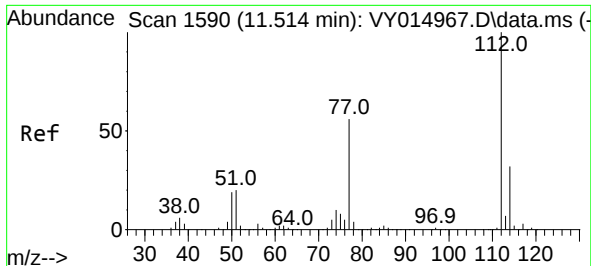
164 100

166 126.4 103.0 154.6

129 94.7 77.2 115.8

131 89.0 69.6 104.4

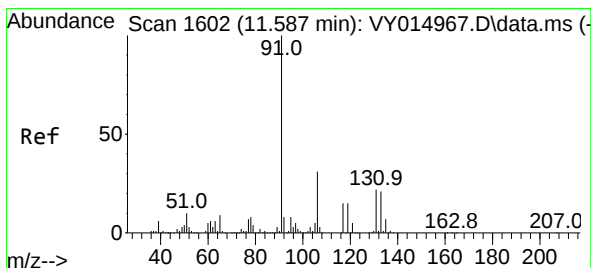
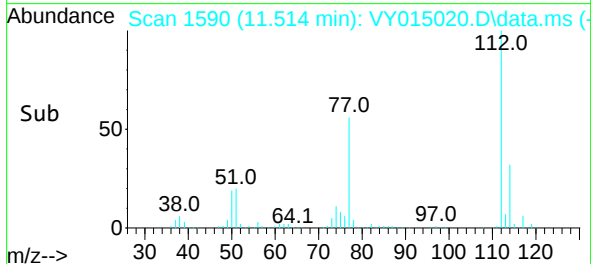
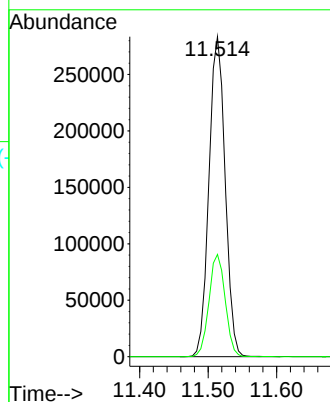
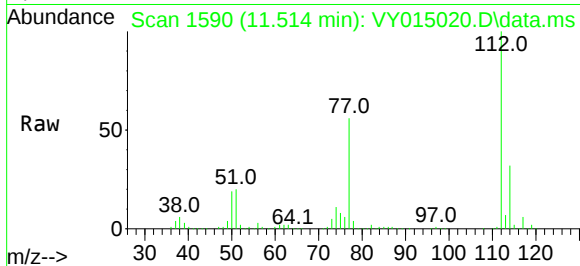




#65
Chlorobenzene
Concen: 50.384 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

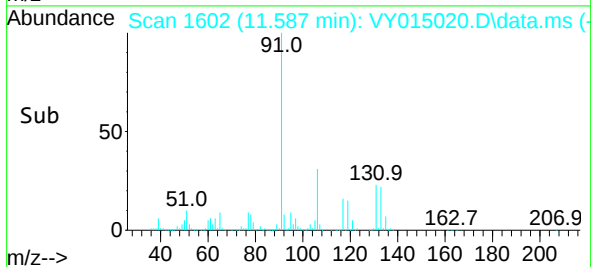
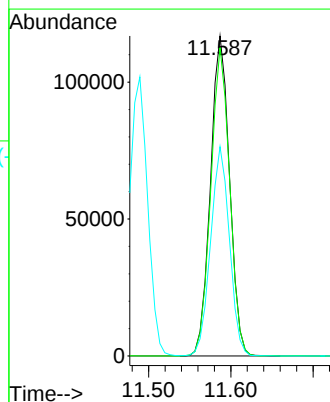
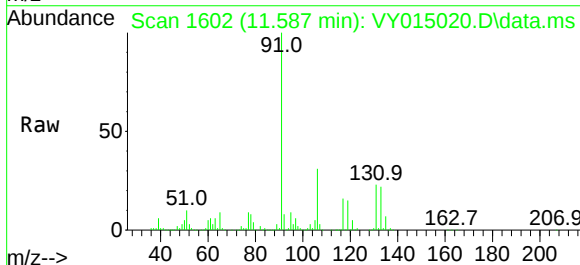
Instrument :
MSVOA_Y
ClientSampleId :

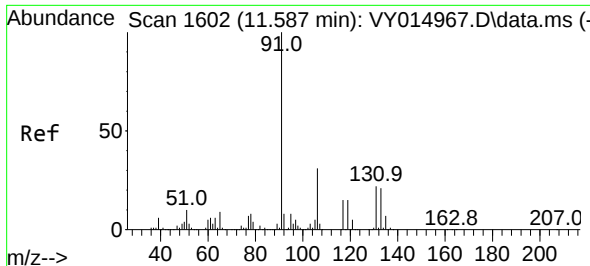
Tgt Ion:112 Resp: 465810
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.891 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion:131 Resp: 187987
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 64.8 31.6 94.7

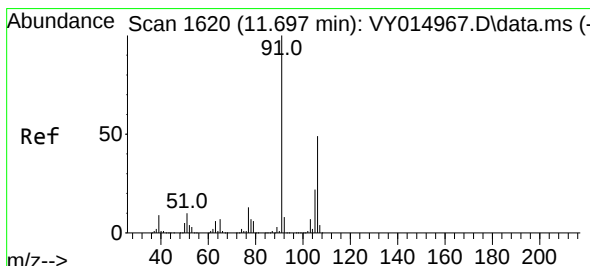
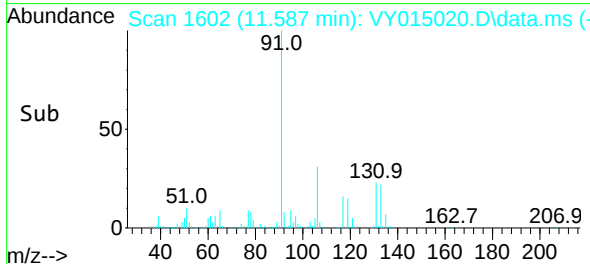
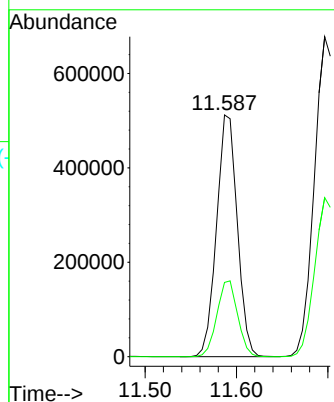
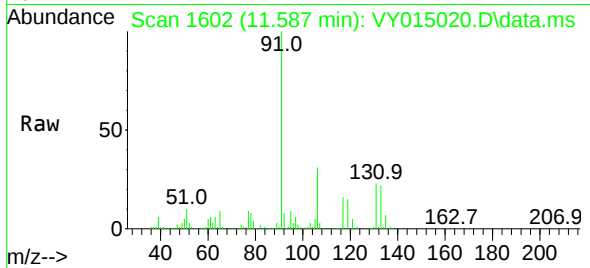




#67
Ethyl Benzene
Concen: 49.831 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

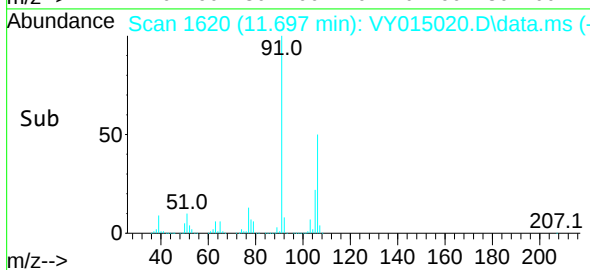
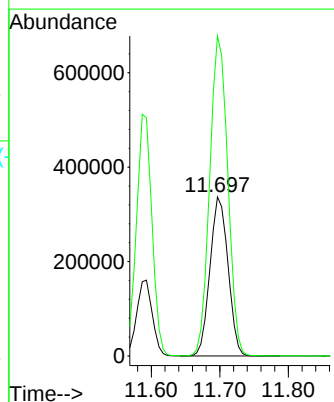
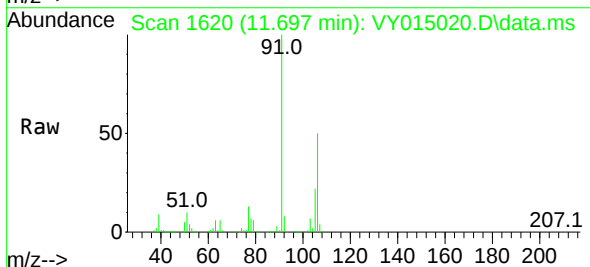
Instrument :
MSVOA_Y
ClientSampleId :

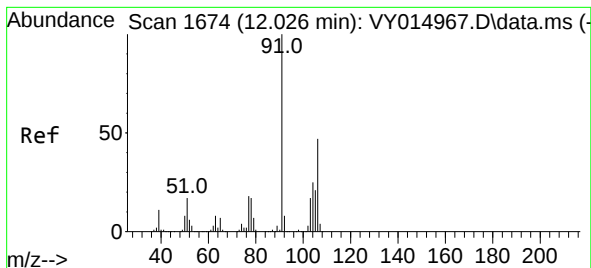
Tgt Ion: 91 Resp: 808501
Ion Ratio Lower Upper
91 100
106 30.7 24.6 36.8



#68
m/p-Xylenes
Concen: 99.221 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion:106 Resp: 615851
Ion Ratio Lower Upper
106 100
91 201.5 166.1 249.1





#69

o-Xylene

Concen: 50.691 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

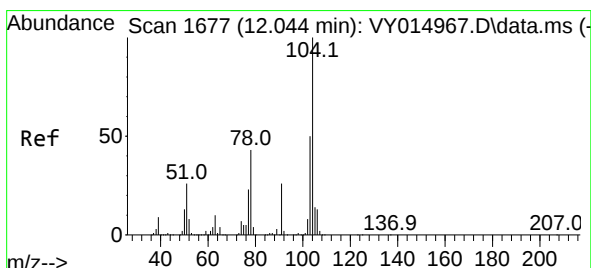
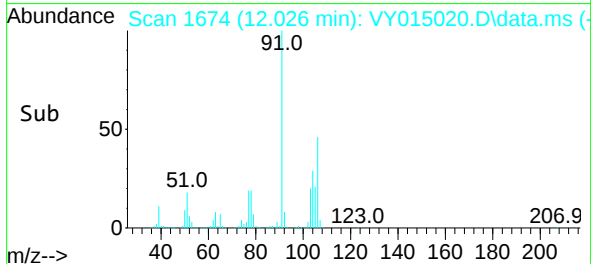
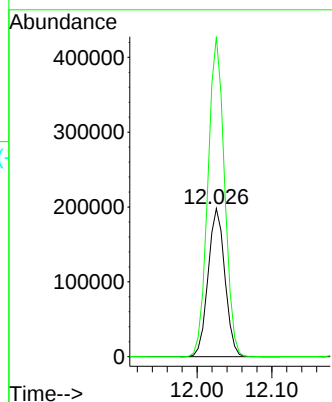
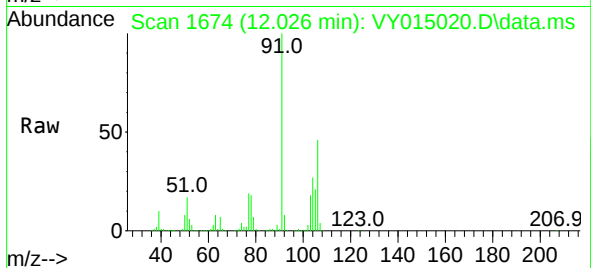
ClientSampleId :

Tgt Ion:106 Resp: 307871

Ion Ratio Lower Upper

106 100

91 213.7 108.1 324.3



#70

Styrene

Concen: 51.728 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

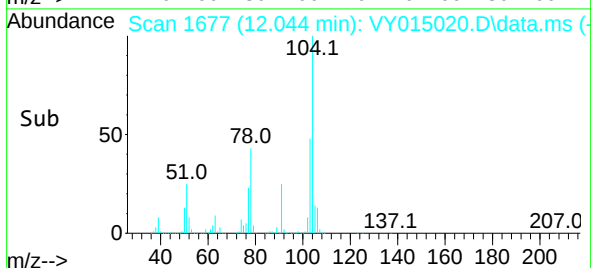
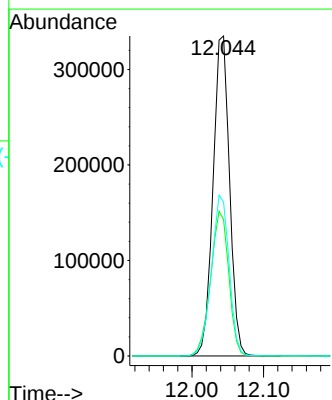
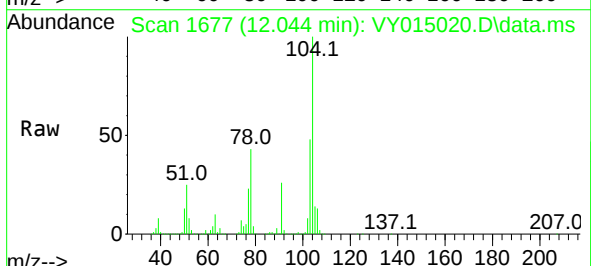
Tgt Ion:104 Resp: 536911

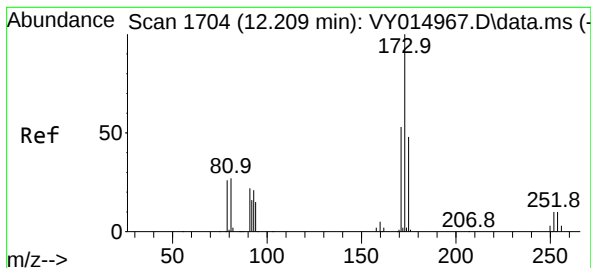
Ion Ratio Lower Upper

104 100

78 49.8 41.5 62.3

103 54.1 44.6 67.0





#71

Bromoform

Concen: 53.832 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

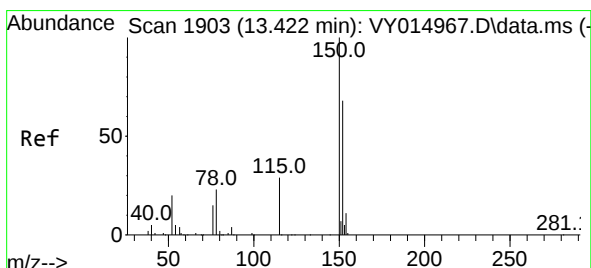
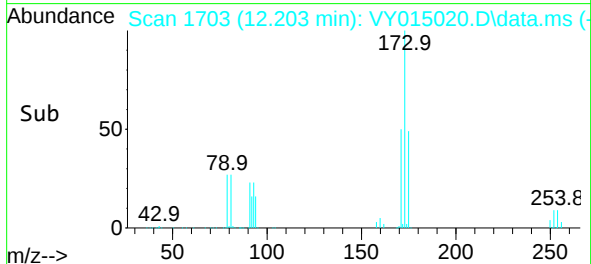
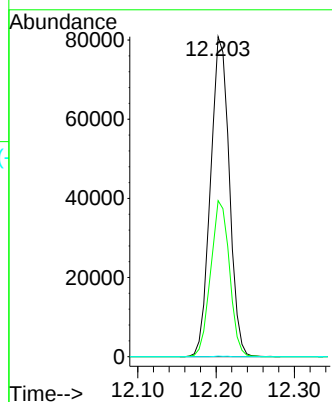
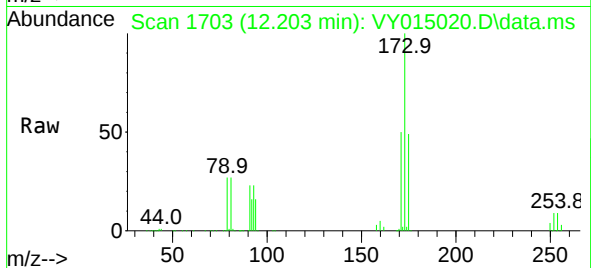
Tgt Ion:173 Resp: 134420

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

254 0.1 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: VY015020.D

Acq: 10 Aug 2023 11:47

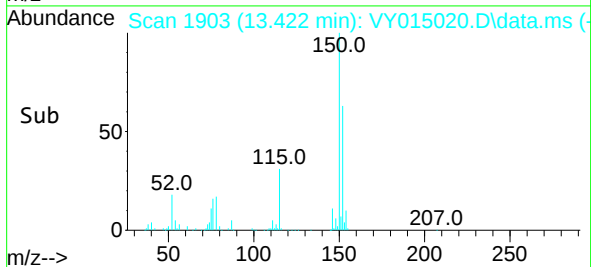
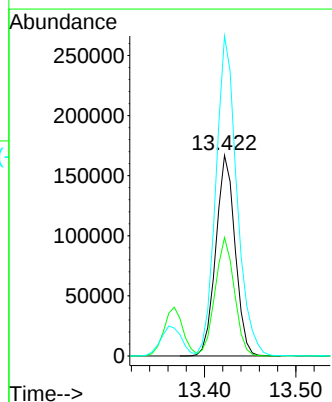
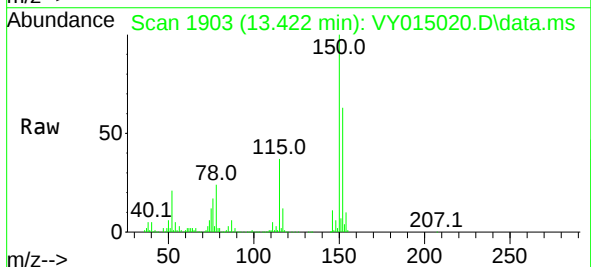
Tgt Ion:152 Resp: 244379

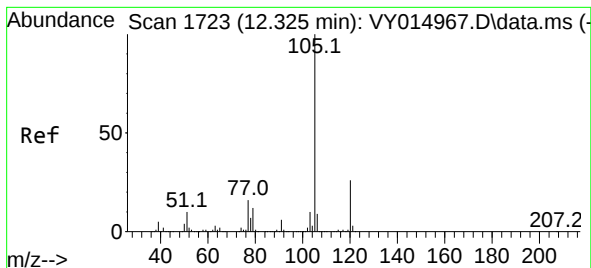
Ion Ratio Lower Upper

152 100

115 58.7 28.8 86.5

150 174.0 0.0 348.8





#73

Isopropylbenzene

Concen: 49.198 ug/l

RT: 12.324 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

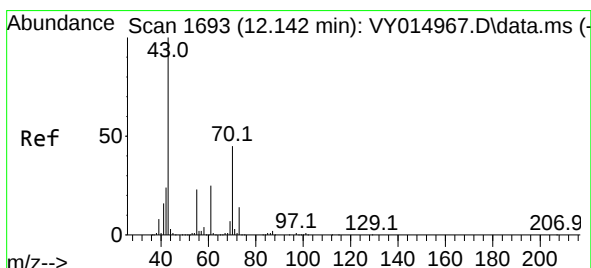
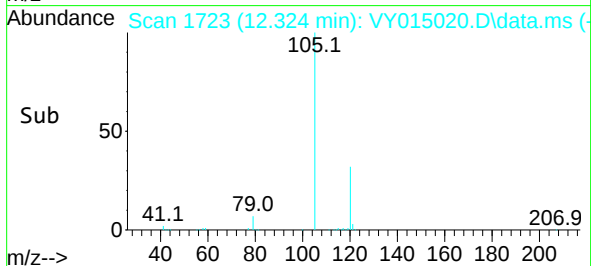
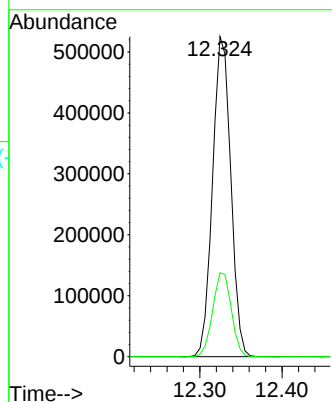
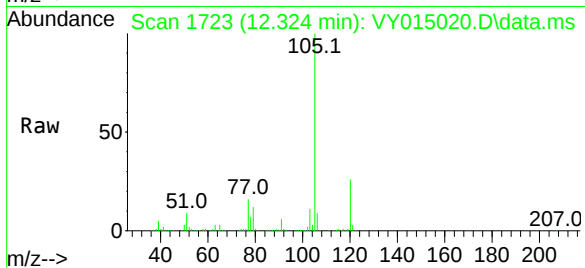
ClientSampleId :

Tgt Ion:105 Resp: 808211

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 51.425 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Tgt Ion: 43 Resp: 288630

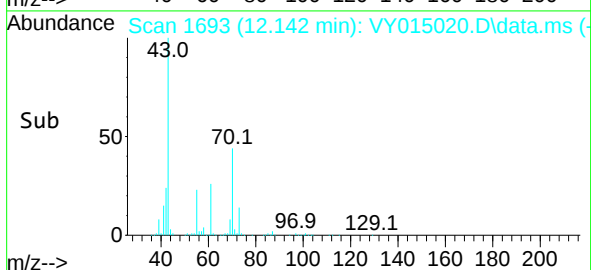
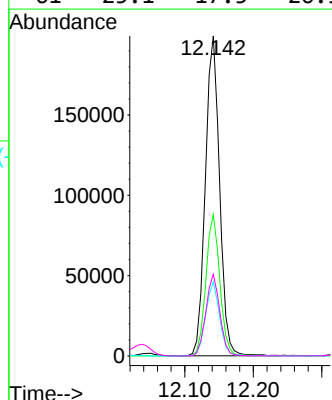
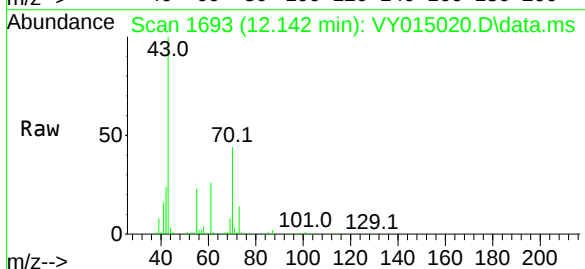
Ion Ratio Lower Upper

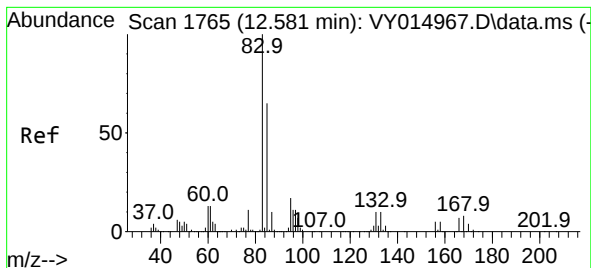
43 100

70 43.4 29.7 44.5

55 22.8 18.3 27.5

61 25.1 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 49.931 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

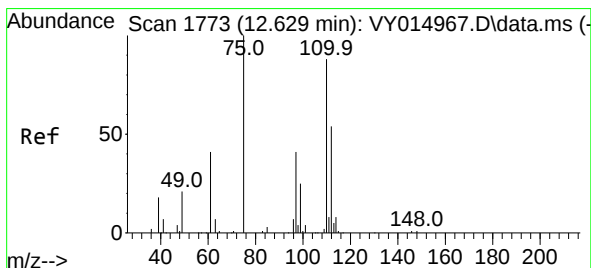
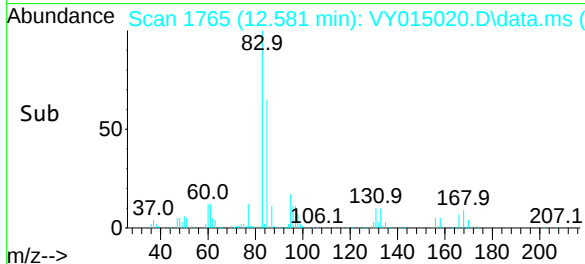
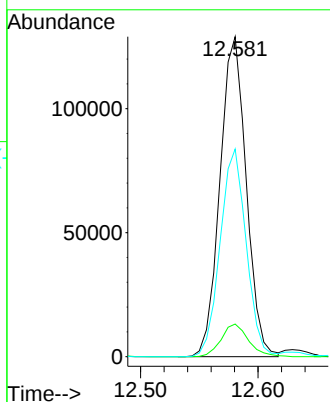
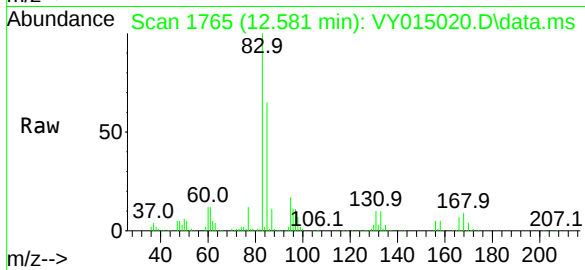
Tgt Ion: 83 Resp: 200451

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 91.880 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY015020.D

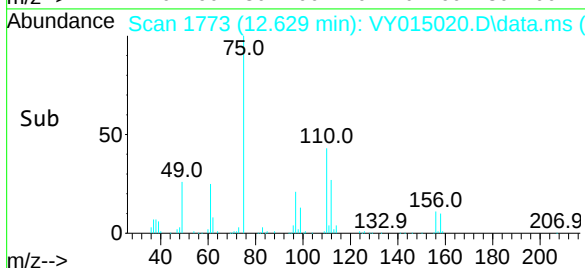
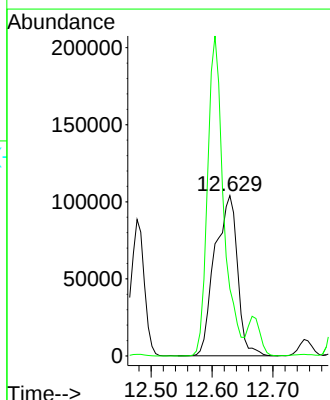
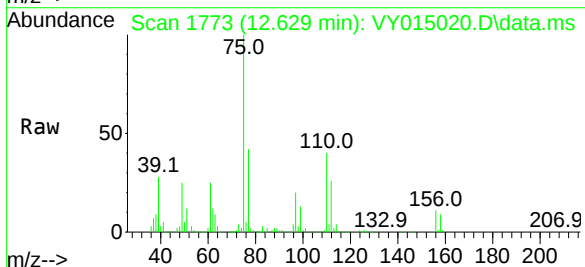
Acq: 10 Aug 2023 11:47

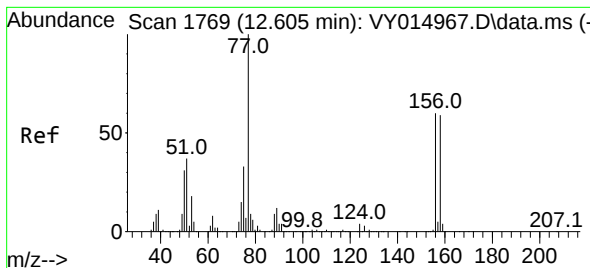
Tgt Ion: 75 Resp: 269047

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.362 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

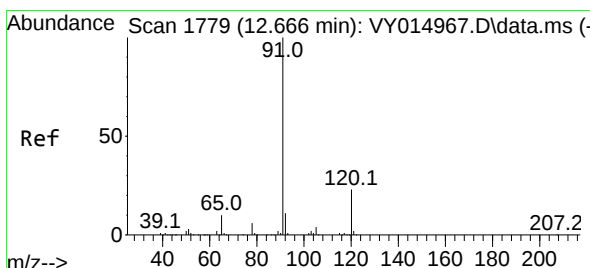
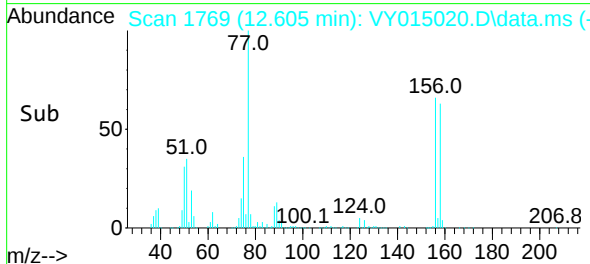
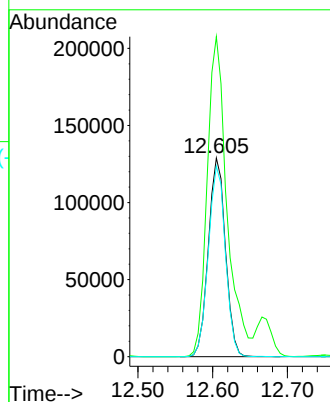
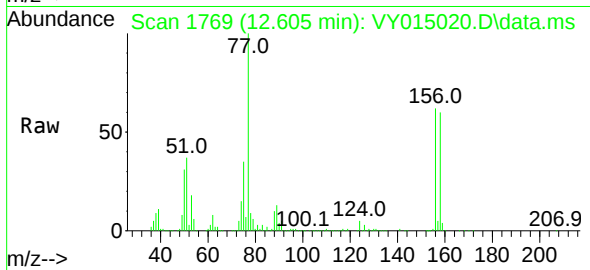
Tgt Ion:156 Resp: 204663

Ion Ratio Lower Upper

156 100

77 187.6 92.8 278.6

158 95.6 48.4 145.3



#78

n-propylbenzene

Concen: 48.842 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY015020.D

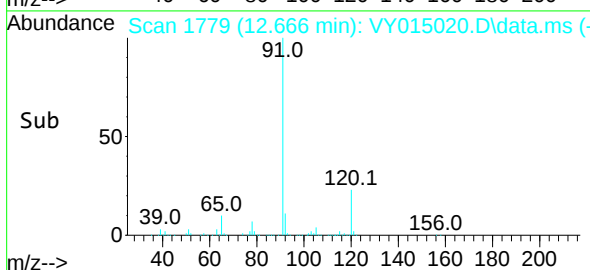
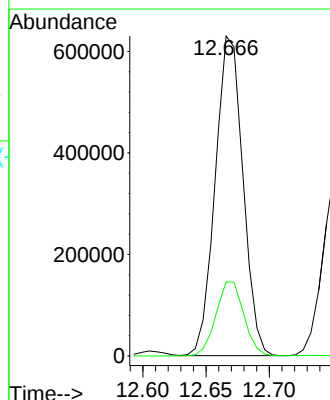
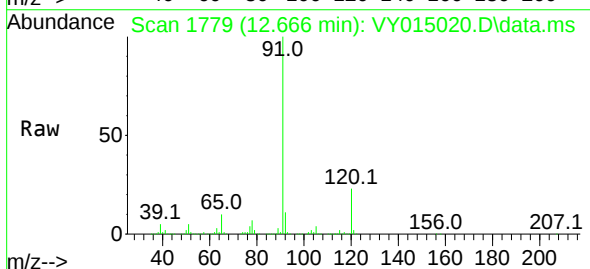
Acq: 10 Aug 2023 11:47

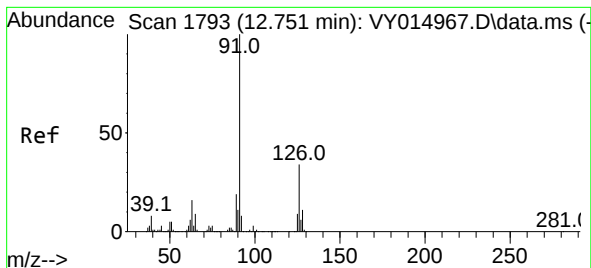
Tgt Ion: 91 Resp: 959658

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

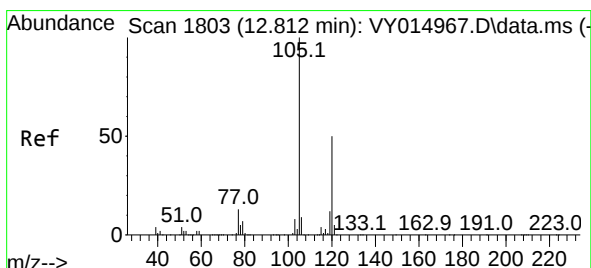
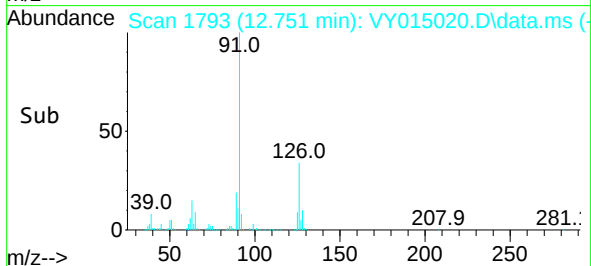
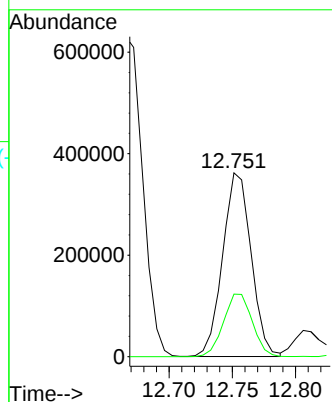
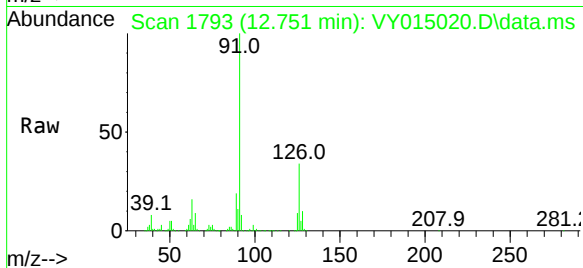




#79
2-Chlorotoluene
Concen: 50.653 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

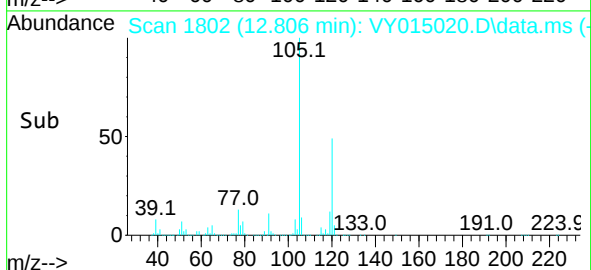
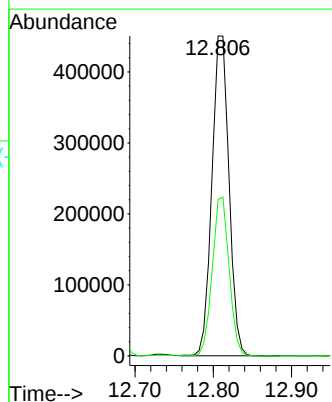
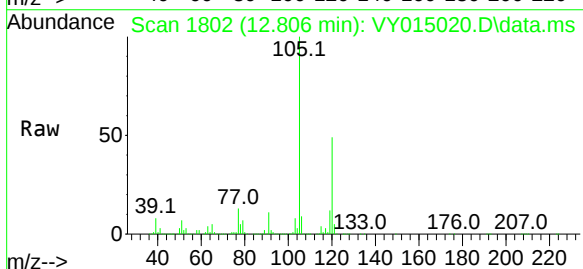
Instrument :
MSVOA_Y
ClientSampleId :

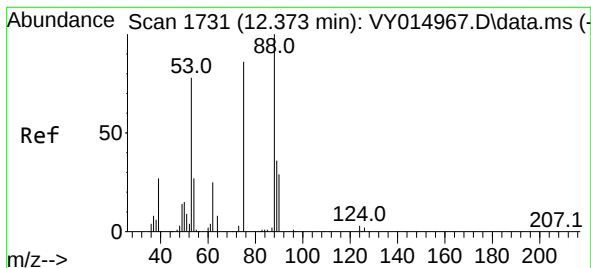
Tgt Ion: 91 Resp: 567213
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.437 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 105 Resp: 682785
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7

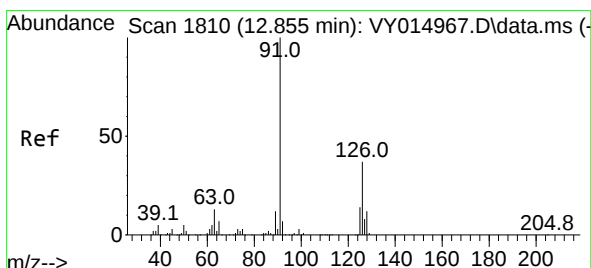
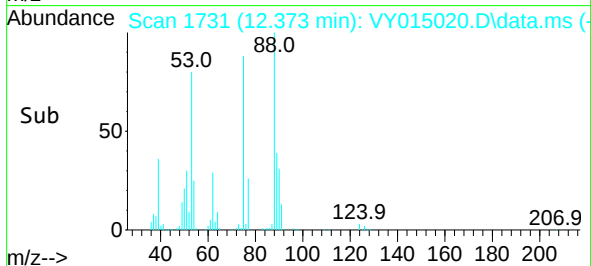
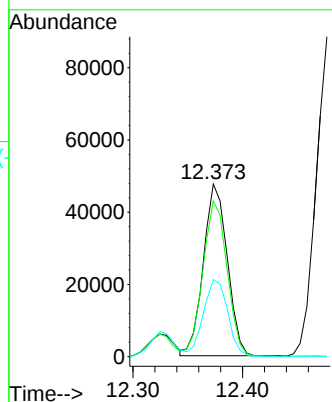
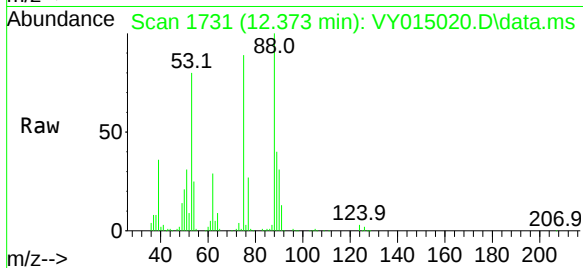




#81
trans-1,4-Dichloro-2-butene
Concen: 54.174 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

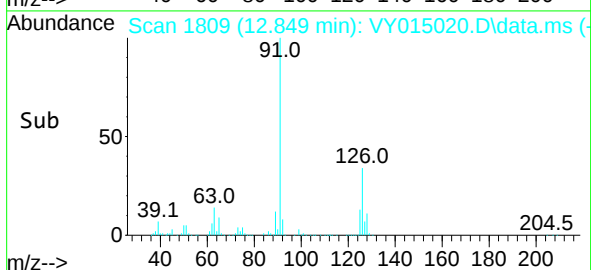
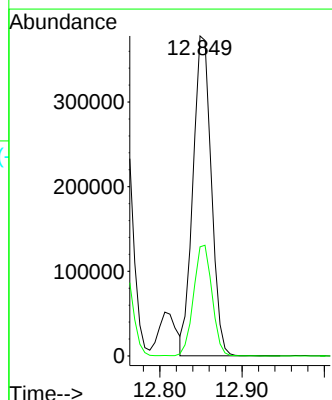
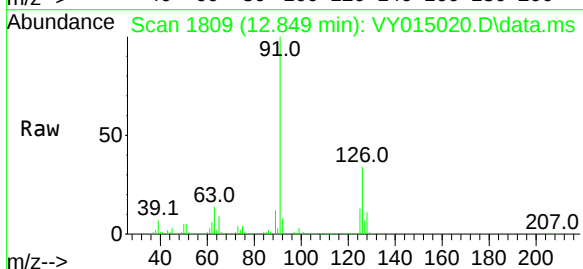
Instrument :
MSVOA_Y
ClientSampleId :

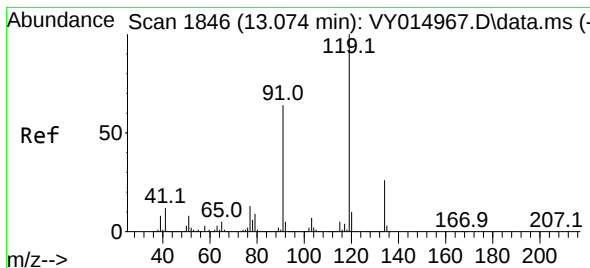
Tgt Ion: 75 Resp: 72007
Ion Ratio Lower Upper
75 100
53 92.2 77.8 116.8
89 45.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.388 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion: 91 Resp: 583293
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6

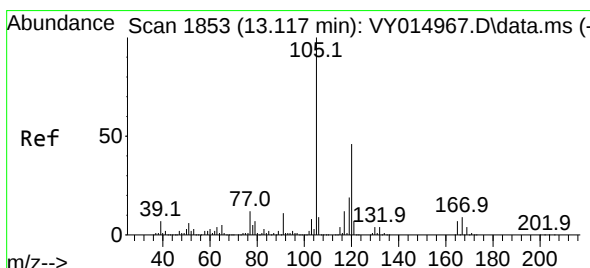
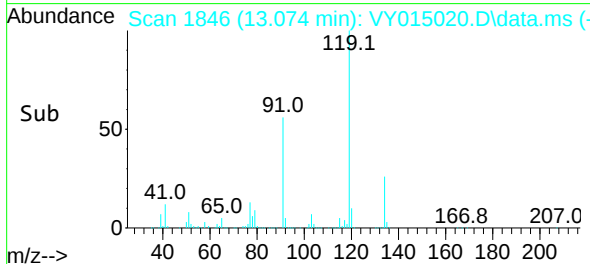
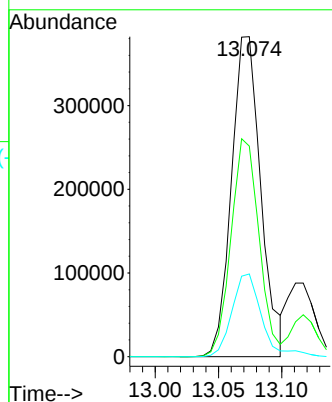
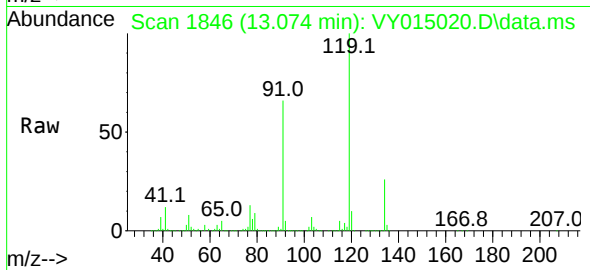




#83
 tert-Butylbenzene
 Concen: 49.893 ug/l
 RT: 13.074 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VY015020.D
 Acq: 10 Aug 2023 11:47

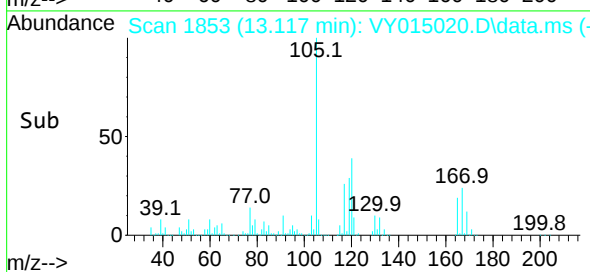
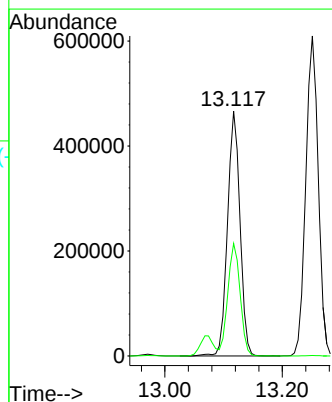
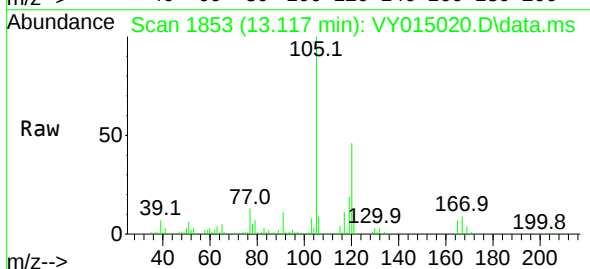
Instrument :
 MSVOA_Y
 ClientSampleId :

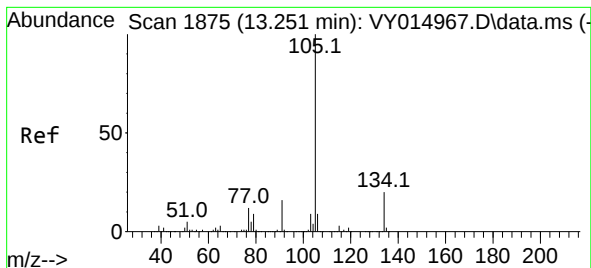
Tgt Ion:119 Resp: 617878
 Ion Ratio Lower Upper
 119 100
 91 65.2 32.9 98.6
 134 26.2 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.760 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.000 min
 Lab File: VY015020.D
 Acq: 10 Aug 2023 11:47

Tgt Ion:105 Resp: 688462
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.285 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

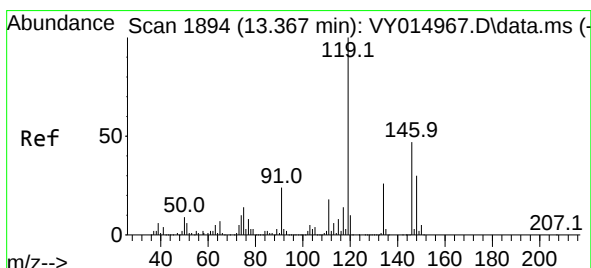
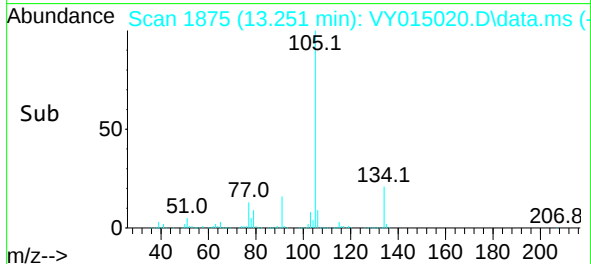
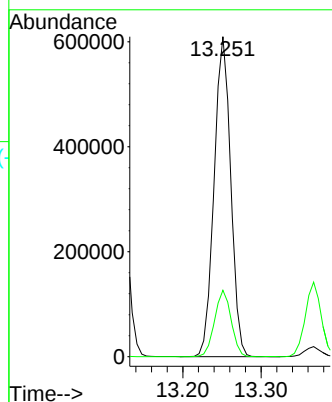
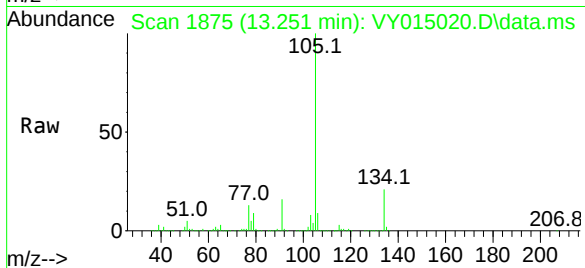
ClientSampleId :

Tgt Ion:105 Resp: 895791

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.194 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

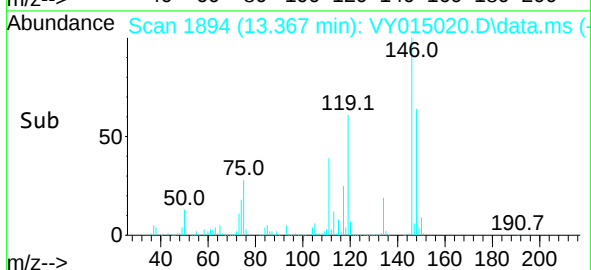
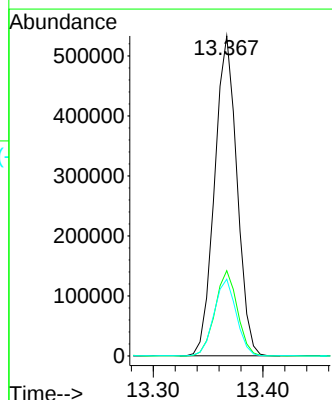
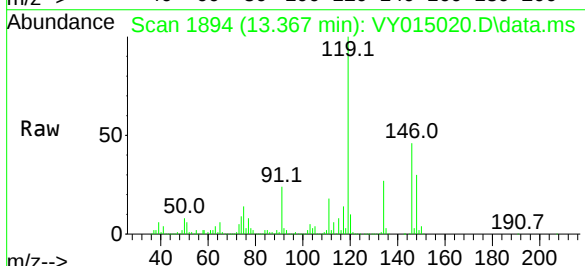
Tgt Ion:119 Resp: 755174

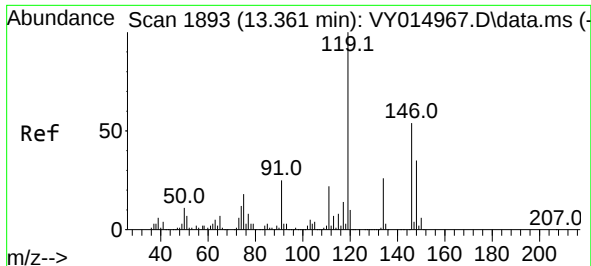
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

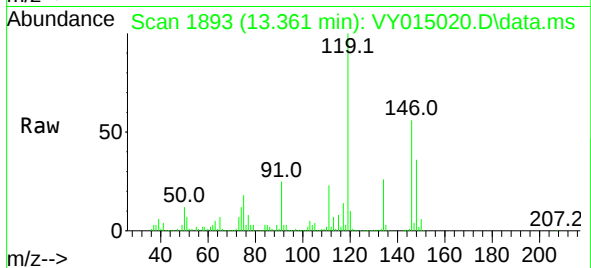
91 23.8 12.4 37.4



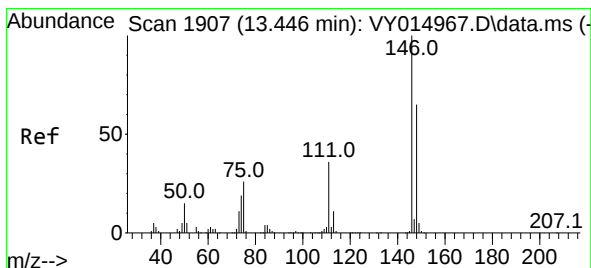
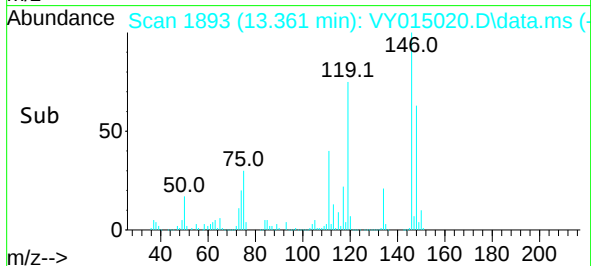
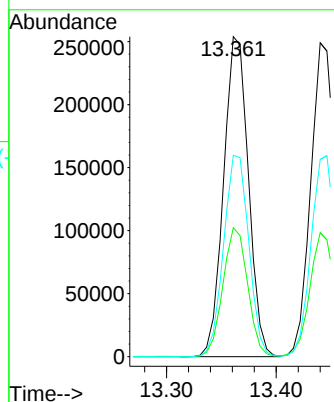


#87
1,3-Dichlorobenzene
Concen: 51.269 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :

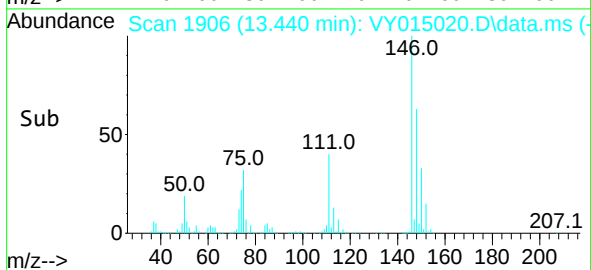
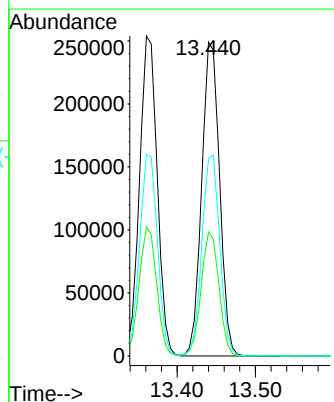
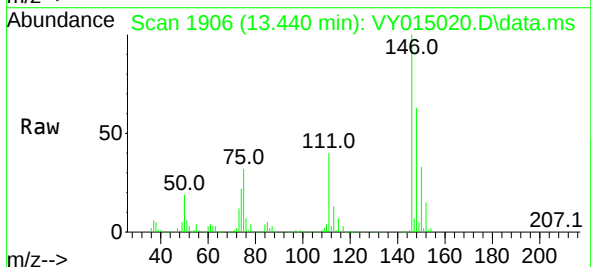


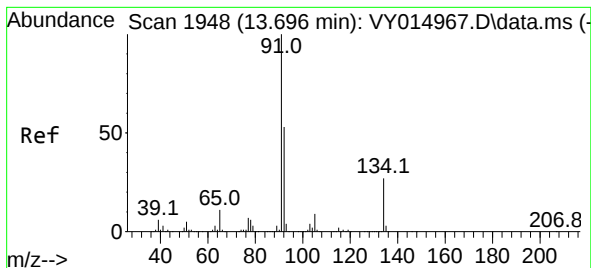
Tgt Ion:146 Resp: 399876
Ion Ratio Lower Upper
146 100
111 40.1 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 50.720 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion:146 Resp: 394517
Ion Ratio Lower Upper
146 100
111 39.5 18.9 56.7
148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 50.062 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

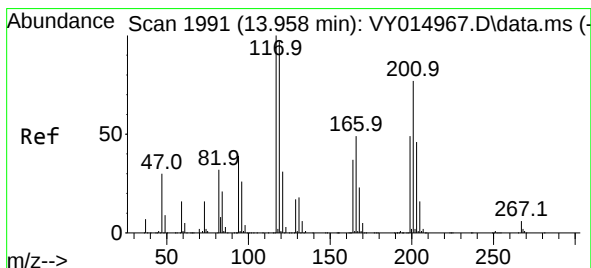
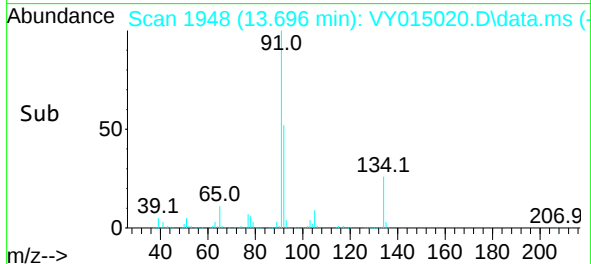
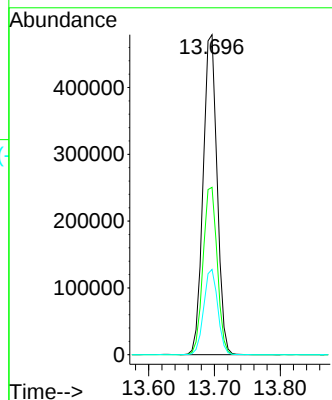
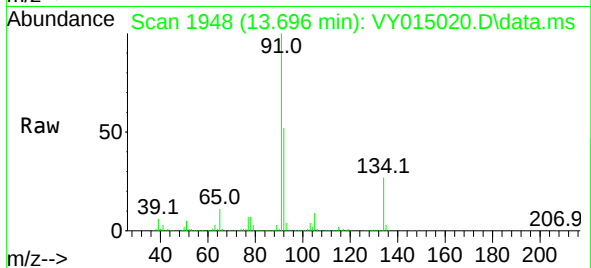
Tgt Ion: 91 Resp: 707673

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 26.8 12.6 37.6



#90

Hexachloroethane

Concen: 51.685 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015020.D

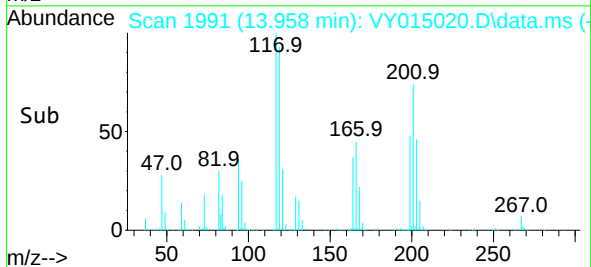
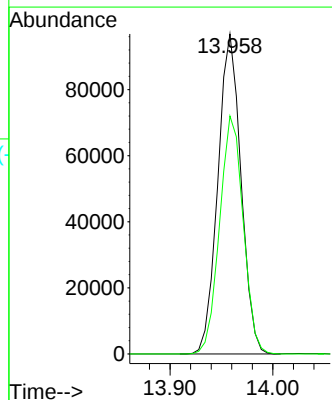
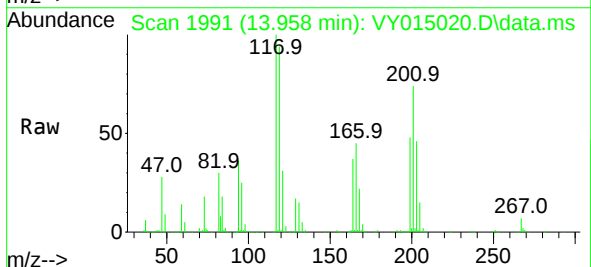
Acq: 10 Aug 2023 11:47

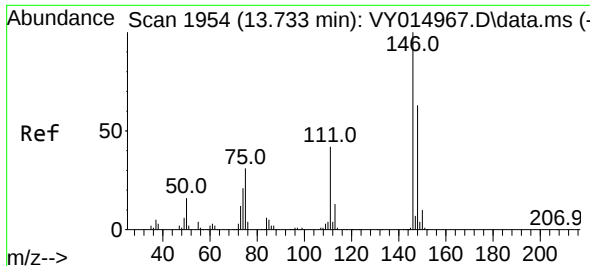
Tgt Ion: 117 Resp: 151006

Ion Ratio Lower Upper

117 100

201 75.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 51.368 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

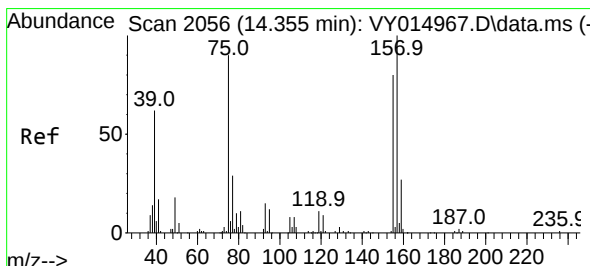
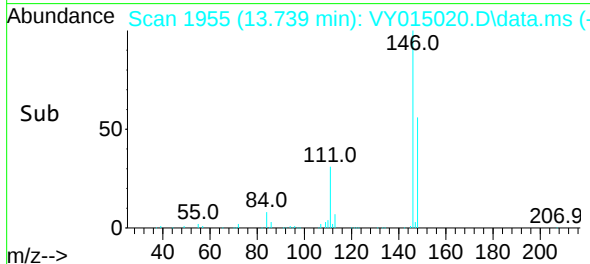
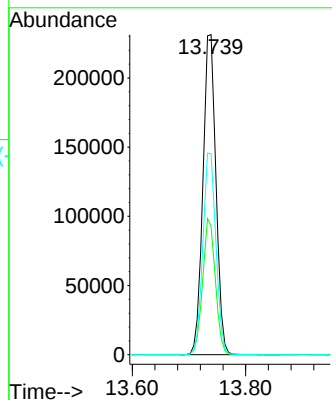
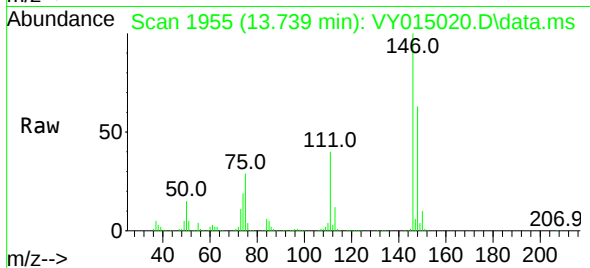
Tgt Ion:146 Resp: 369765

Ion Ratio Lower Upper

146 100

111 41.6 19.7 59.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.869 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.006 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

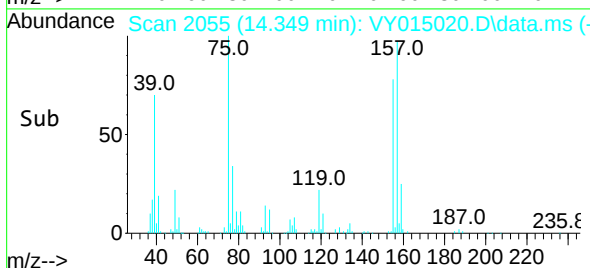
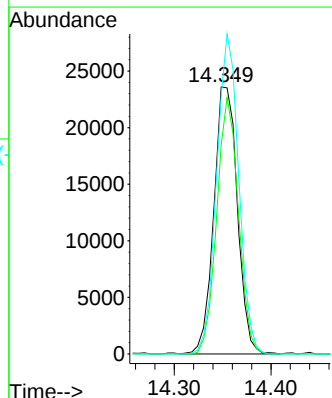
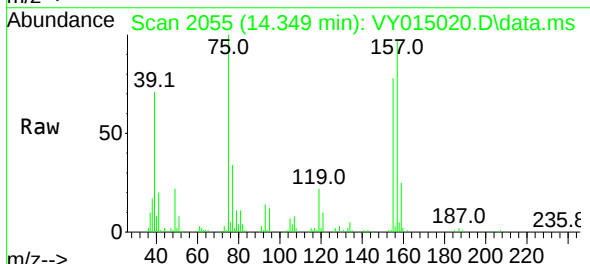
Tgt Ion: 75 Resp: 39873

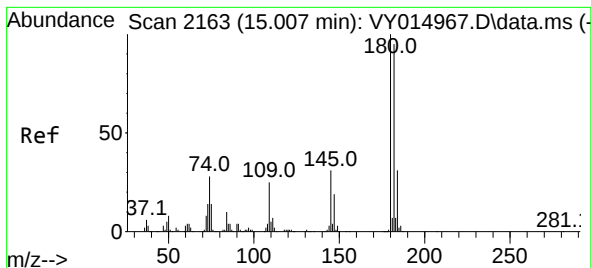
Ion Ratio Lower Upper

75 100

155 88.1 41.5 124.6

157 112.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.893 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

Instrument :

MSVOA_Y

ClientSampleId :

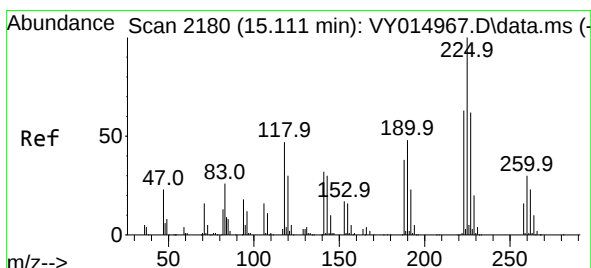
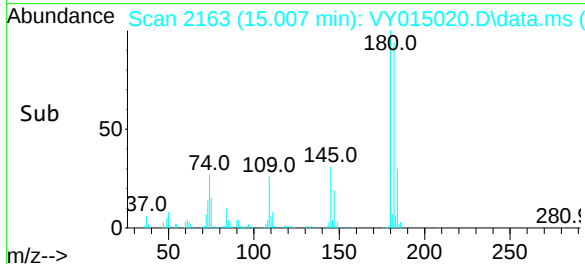
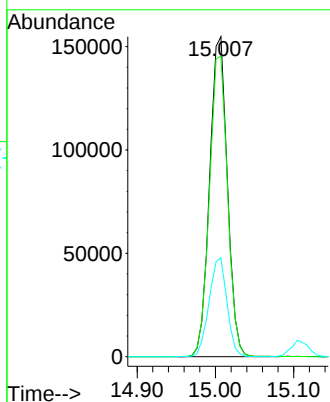
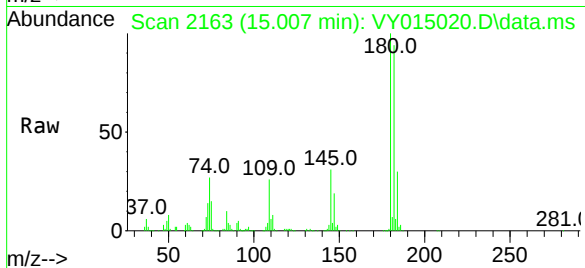
Tgt Ion:180 Resp: 243641

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

145 31.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.894 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015020.D

Acq: 10 Aug 2023 11:47

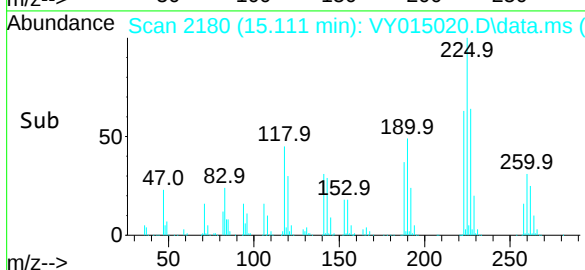
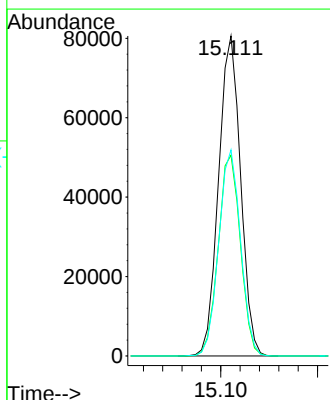
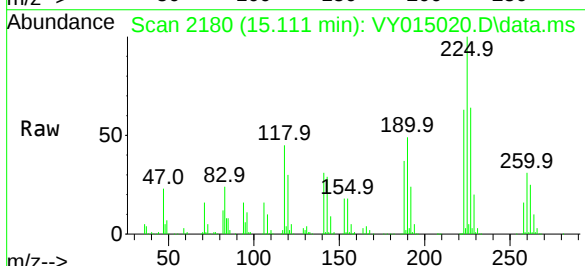
Tgt Ion:225 Resp: 127125

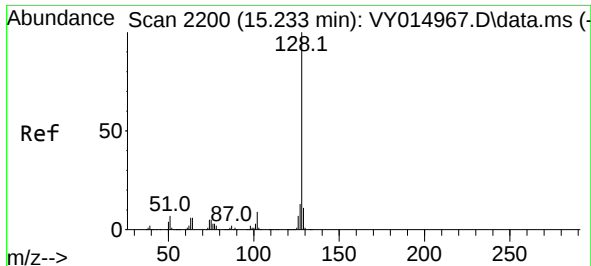
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.9

227 63.9 33.0 98.9

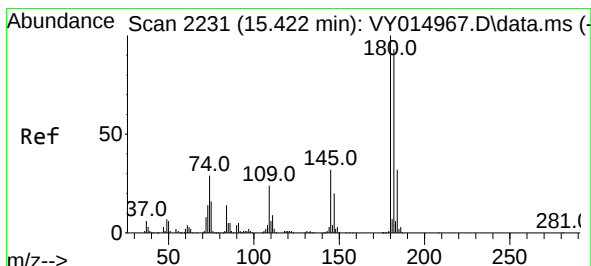
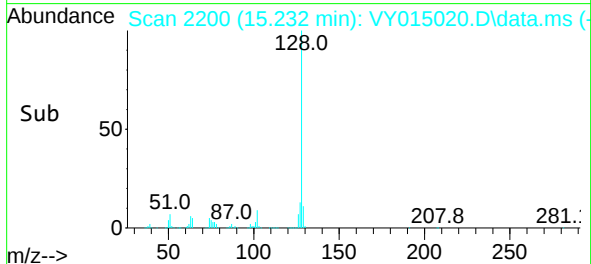
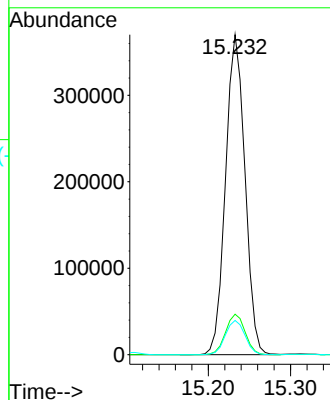
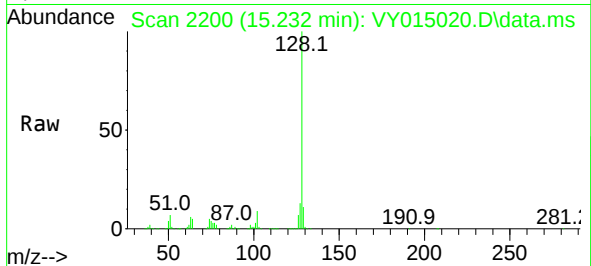




#95
Naphthalene
Concen: 55.891 ug/l
RT: 15.232 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 605769
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.936 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY015020.D
Acq: 10 Aug 2023 11:47

Tgt Ion:180 Resp: 216544
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.8
145 32.9 15.4 46.2

