

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021046.D
 Acq On : 04 Feb 2025 09:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 05 00:42:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	154178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	233780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	206737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	102470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	82293	52.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.180%	
35) Dibromofluoromethane	7.640	113	80083	53.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.900%	
50) Toluene-d8	10.109	98	310687	54.470	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.940%	
62) 4-Bromofluorobenzene	12.407	95	104152	55.893	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	72438	52.714	ug/l	98
3) Chloromethane	2.074	50	68247	50.330	ug/l	95
4) Vinyl Chloride	2.208	62	68325	50.061	ug/l	99
5) Bromomethane	2.598	94	41627	49.347	ug/l	96
6) Chloroethane	2.738	64	40570	49.935	ug/l	94
7) Trichlorofluoromethane	3.068	101	125251	50.372	ug/l	99
8) Diethyl Ether	3.458	74	39653	51.084	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.817	101	80448	51.550	ug/l	96
10) Methyl Iodide	4.012	142	91056	52.519	ug/l	93
11) Tert butyl alcohol	4.860	59	26996	252.187	ug/l	98
12) 1,1-Dichloroethene	3.793	96	75364	51.266	ug/l	92
13) Acrolein	3.653	56	39952	242.367	ug/l	98
14) Allyl chloride	4.390	41	131719	53.165	ug/l	95
15) Acrylonitrile	5.061	53	87375	270.313	ug/l	98
16) Acetone	3.872	43	65883	267.440	ug/l	97
17) Carbon Disulfide	4.110	76	242282	52.559	ug/l	99
18) Methyl Acetate	4.390	43	48049	55.562	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	195771	52.689	ug/l	99
20) Methylene Chloride	4.622	84	79068	51.630	ug/l	93
21) trans-1,2-Dichloroethene	5.122	96	84741	52.369	ug/l	96
22) Diisopropyl ether	6.024	45	277295	54.300	ug/l	97
23) Vinyl Acetate	5.963	43	779586	273.844	ug/l	97
24) 1,1-Dichloroethane	5.921	63	156317	52.245	ug/l	97
25) 2-Butanone	6.896	43	110174	272.159	ug/l	97
26) 2,2-Dichloropropane	6.890	77	143867	51.967	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	98474	52.870	ug/l	96
28) Bromochloromethane	7.250	49	62695	52.992	ug/l	98
29) Tetrahydrofuran	7.262	42	76116	277.873	ug/l	95
30) Chloroform	7.426	83	161057	52.406	ug/l	99
31) Cyclohexane	7.707	56	136180	50.543	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	149391	52.284	ug/l	100
36) 1,1-Dichloropropene	7.841	75	118925	53.591	ug/l	98
37) Ethyl Acetate	6.981	43	54605	56.091	ug/l	98
38) Carbon Tetrachloride	7.823	117	138223	53.307	ug/l	99
39) Methylcyclohexane	9.109	83	145702	53.677	ug/l	98
40) Benzene	8.085	78	350936	53.888	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	25427	45.147	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	96687	53.521	ug/l	96
43) Isopropyl Acetate	8.201	43	107615	55.633	ug/l #	84
44) Trichloroethene	8.871	130	88871	52.820	ug/l	93
45) 1,2-Dichloropropane	9.146	63	83455	53.991	ug/l	99
46) Dibromomethane	9.237	93	46115	53.884	ug/l	96
47) Bromodichloromethane	9.426	83	121213	52.810	ug/l	99
48) Methyl methacrylate	9.225	41	50081	56.838	ug/l	92
49) 1,4-Dioxane	9.225	88	9165	1150.358	ug/l	88
51) 4-Methyl-2-Pentanone	9.999	43	277997	285.788	ug/l	96
52) Toluene	10.176	92	223128	54.566	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	113590	55.115	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	133048	54.522	ug/l	92
55) 1,1,2-Trichloroethane	10.578	97	59199	53.417	ug/l	97
56) Ethyl methacrylate	10.444	69	83819	56.536	ug/l	90
57) 1,3-Dichloropropane	10.719	76	106023	55.271	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	162803	230.818	ug/l	99
59) 2-Hexanone	10.761	43	183839	293.528	ug/l	96
60) Dibromochloromethane	10.914	129	84035	53.995	ug/l	98
61) 1,2-Dibromoethane	11.017	107	56133	54.075	ug/l	100
64) Tetrachloroethene	10.652	164	80010	52.134	ug/l	97
65) Chlorobenzene	11.444	112	239533	52.034	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.523	131	85270	52.124	ug/l	98
67) Ethyl Benzene	11.523	91	438006	53.795	ug/l	100
68) m/p-Xylenes	11.633	106	327944	107.665	ug/l	98
69) o-Xylene	11.956	106	154451	54.388	ug/l	98
70) Styrene	11.974	104	260738	55.088	ug/l	99
71) Bromoform	12.139	173	49616	54.488	ug/l #	99
73) Isopropylbenzene	12.261	105	415362	51.892	ug/l	100
74) N-amyl acetate	12.072	43	95822	54.756	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	69410	52.140	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	92403	99.408	ug/l #	100
77) Bromobenzene	12.535	156	94814	51.330	ug/l	93
78) n-propylbenzene	12.596	91	503375	52.792	ug/l	99
79) 2-Chlorotoluene	12.682	91	283562	51.924	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	343866	52.986	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	23169	50.860	ug/l	92
82) 4-Chlorotoluene	12.779	91	291090	52.316	ug/l	100
83) tert-Butylbenzene	12.999	119	312620	52.997	ug/l	99
84) 1,2,4-Trimethylbenzene	13.047	105	339419	53.490	ug/l	100
85) sec-Butylbenzene	13.182	105	449069	52.886	ug/l	98
86) p-Isopropyltoluene	13.297	119	377440	53.511	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	186592	52.317	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	183116	52.145	ug/l	99
89) n-Butylbenzene	13.621	91	352502	54.781	ug/l	99
90) Hexachloroethane	13.883	117	76651	52.092	ug/l	85
91) 1,2-Dichlorobenzene	13.663	146	160683	51.907	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10324	51.897	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	95483	55.414	ug/l	98
94) Hexachlorobutadiene	15.029	225	61275	53.663	ug/l	99
95) Naphthalene	15.151	128	154449	56.026	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	79572	55.491	ug/l	98

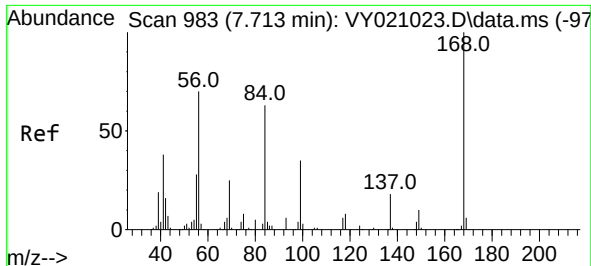
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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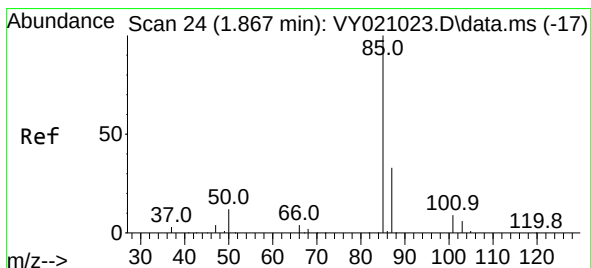
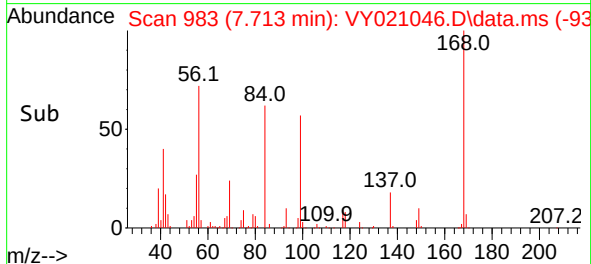
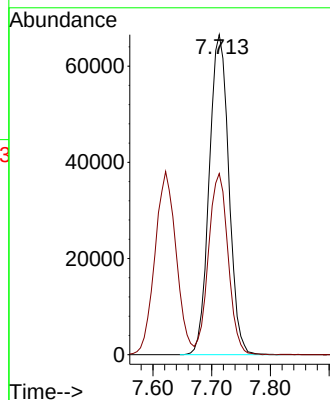
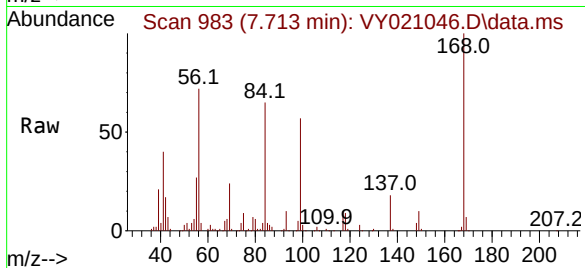
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

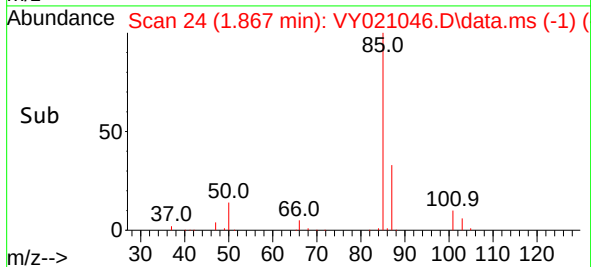
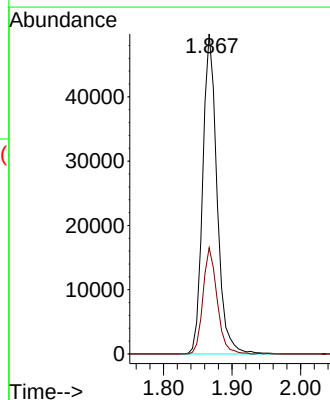
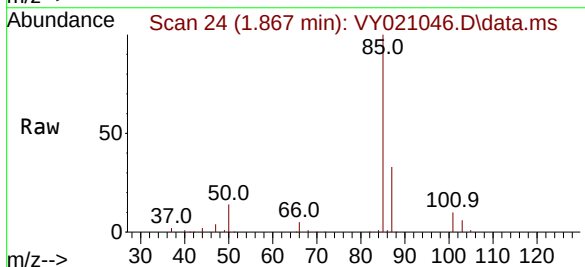
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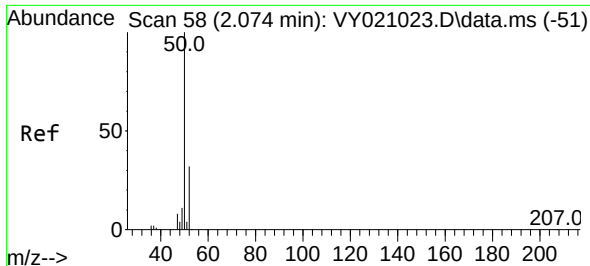
Tgt Ion:168 Resp: 154178
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 52.714 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 85 Resp: 72438
Ion Ratio Lower Upper
85 100
87 33.2 17.1 51.3

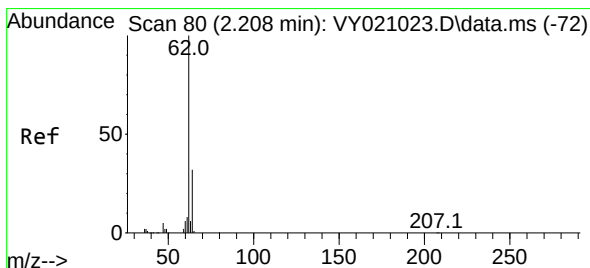
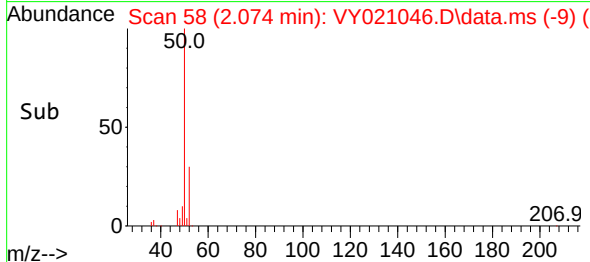
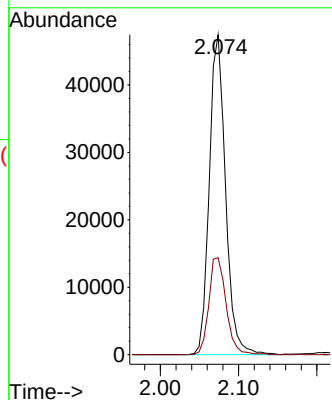
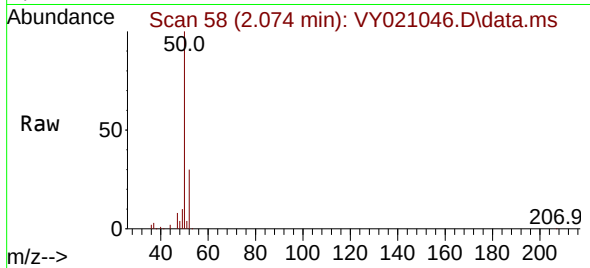




#3
Chloromethane
Concen: 50.330 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

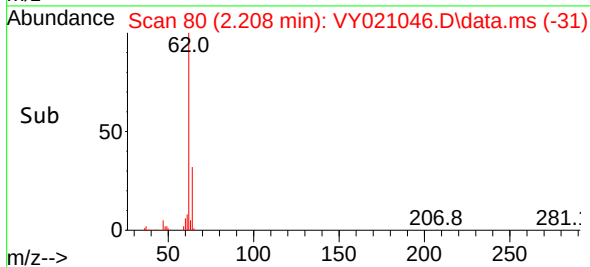
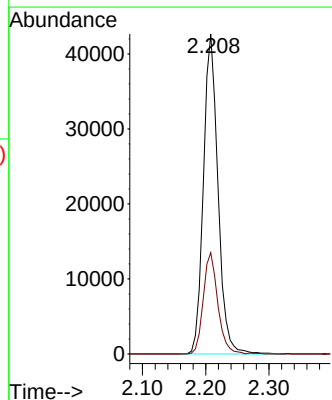
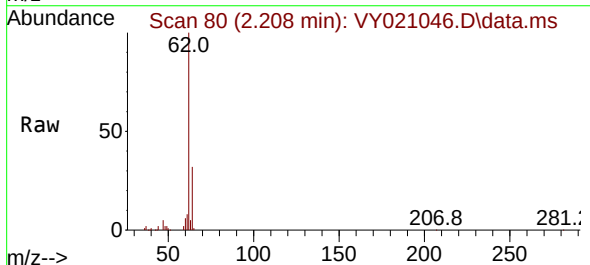
Instrument :
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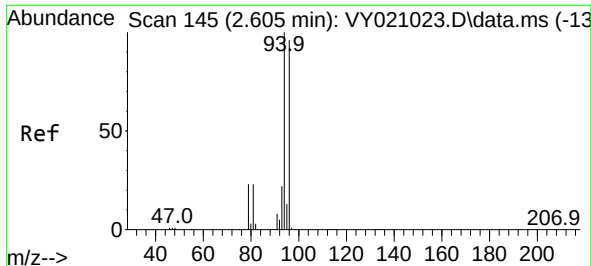
Tgt Ion: 50 Resp: 68247
Ion Ratio Lower Upper
50 100
52 30.3 26.7 40.1



#4
Vinyl Chloride
Concen: 50.061 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 62 Resp: 68325
Ion Ratio Lower Upper
62 100
64 31.6 25.7 38.5

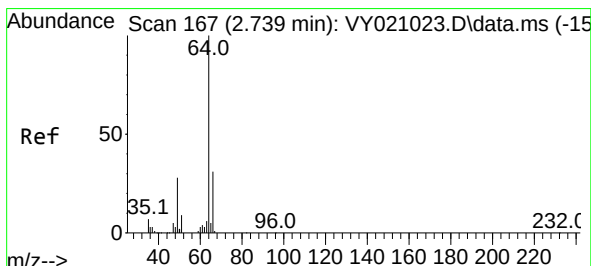
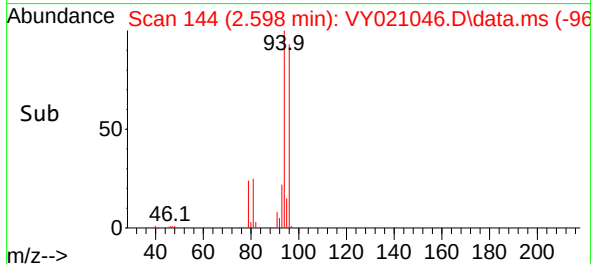
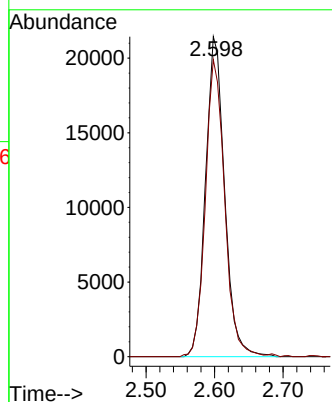
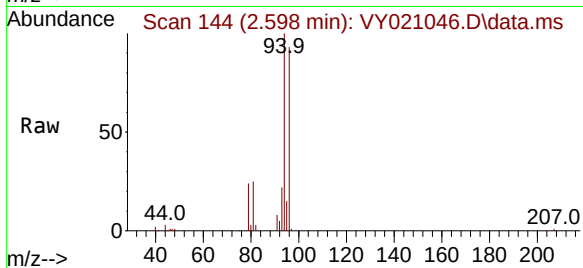




#5
Bromomethane
Concen: 49.347 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.007 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

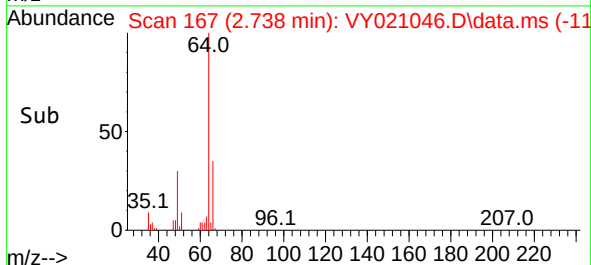
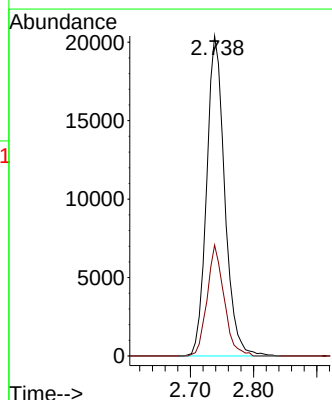
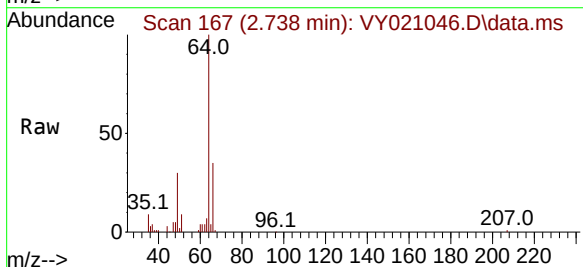
Instrument :
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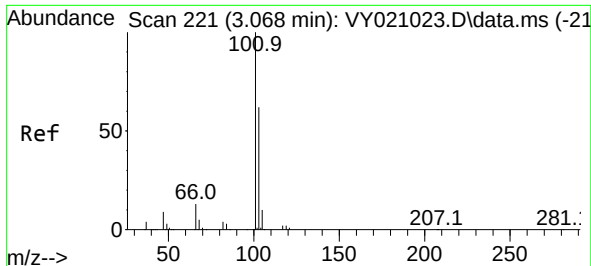
Tgt Ion: 94 Resp: 41627
Ion Ratio Lower Upper
94 100
96 92.8 77.3 115.9



#6
Chloroethane
Concen: 49.935 ug/l
RT: 2.738 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 64 Resp: 40570
Ion Ratio Lower Upper
64 100
66 34.7 25.1 37.7

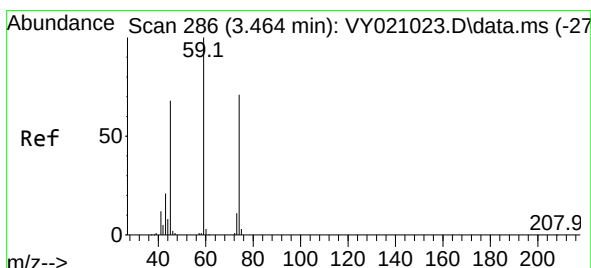
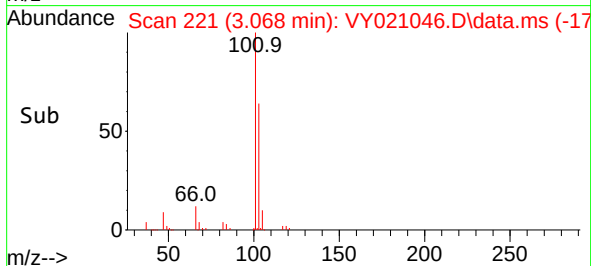
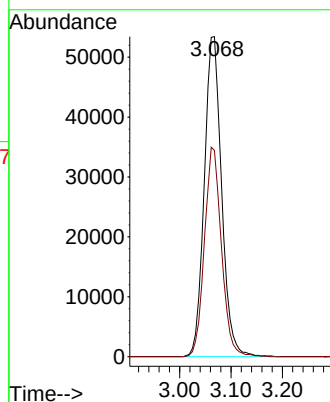
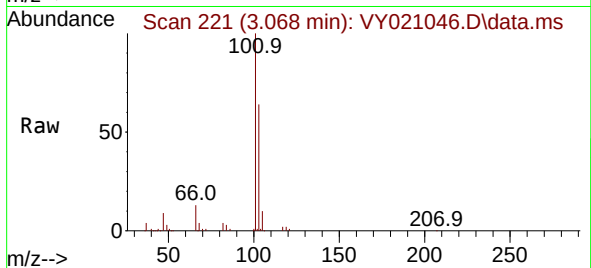




#7
 Trichlorofluoromethane
 Concen: 50.372 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY021046.D
 Acq: 04 Feb 2025 09:47

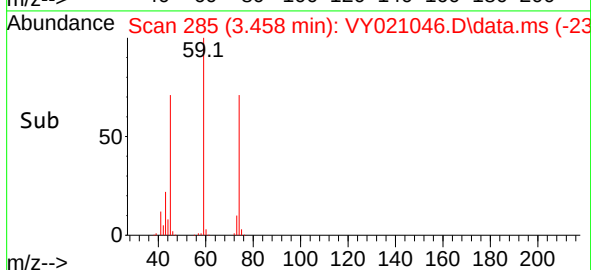
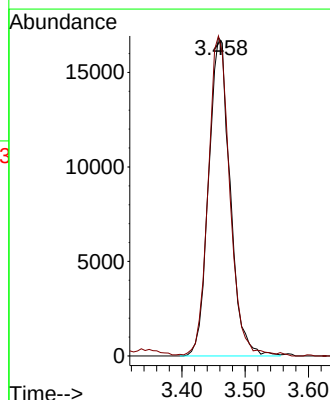
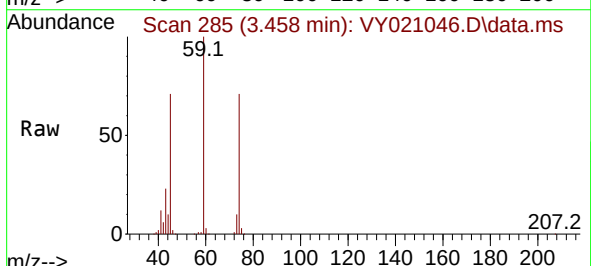
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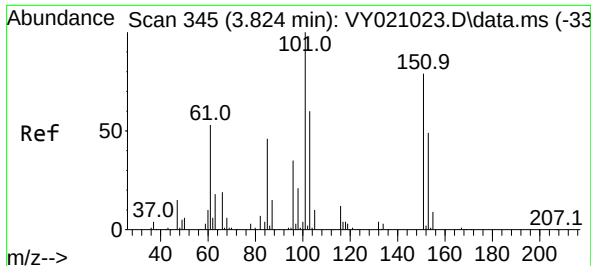
Tgt Ion:101 Resp: 125251
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 51.084 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.007 min
 Lab File: VY021046.D
 Acq: 04 Feb 2025 09:47

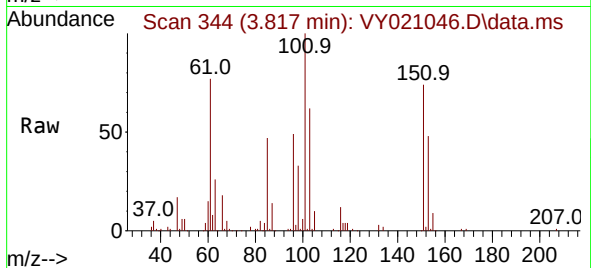
Tgt Ion: 74 Resp: 39653
 Ion Ratio Lower Upper
 74 100
 45 100.1 47.9 143.7



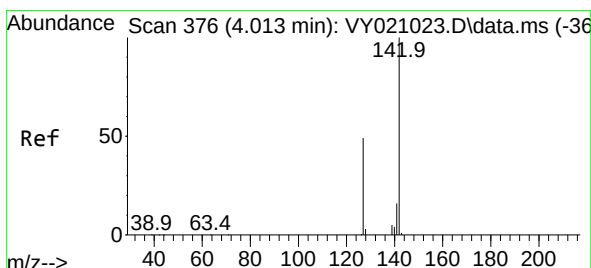
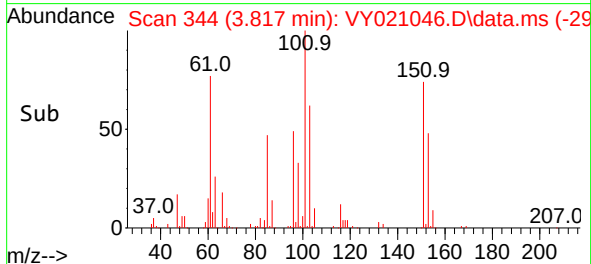
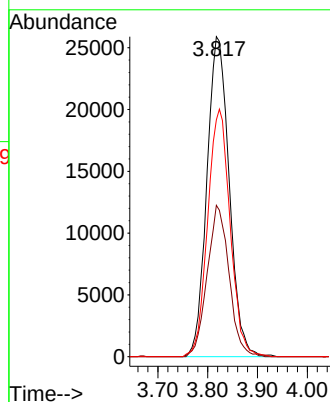


#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.550 ug/l
RT: 3.817 min Scan# 344
Delta R.T. -0.007 min
Lab File: VY021046.D
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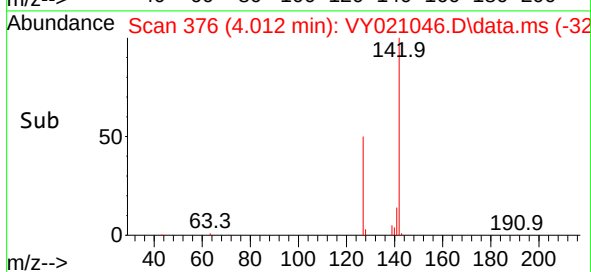
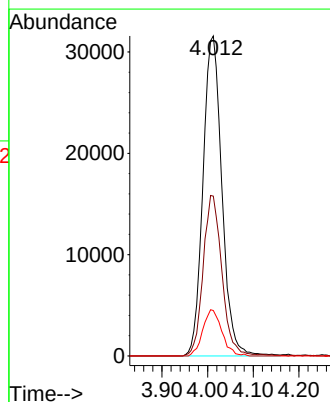
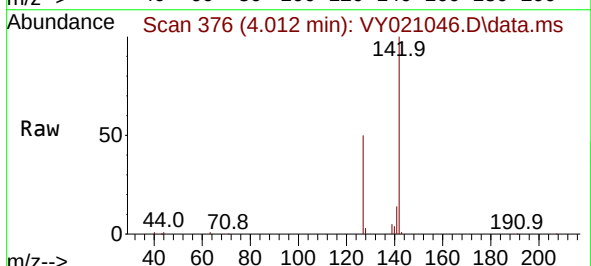


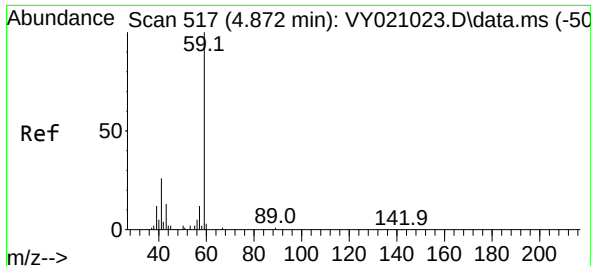
Tgt Ion:101 Resp: 80448
Ion Ratio Lower Upper
101 100
85 46.3 35.8 53.6
151 77.8 58.6 88.0



#10
Methyl Iodide
Concen: 52.519 ug/l
RT: 4.012 min Scan# 376
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion:142 Resp: 91056
Ion Ratio Lower Upper
142 100
127 49.6 35.1 52.7
141 14.5 11.8 17.6

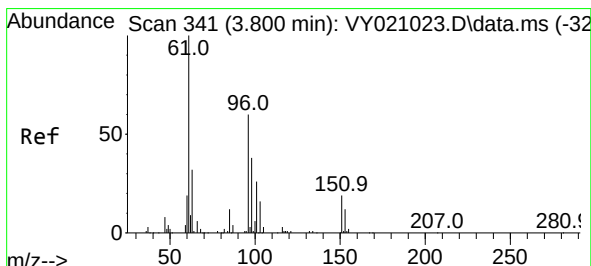
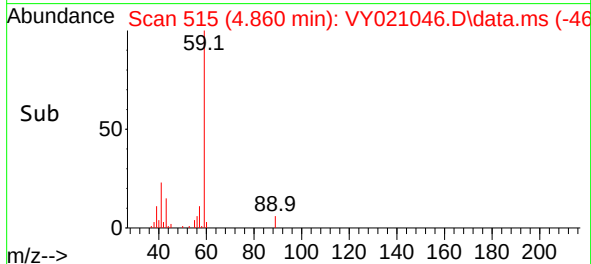
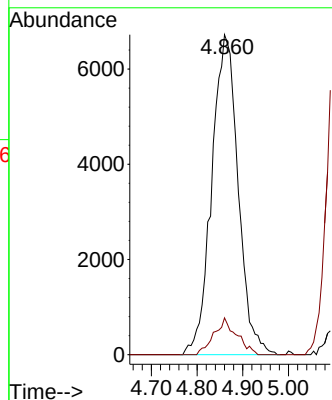
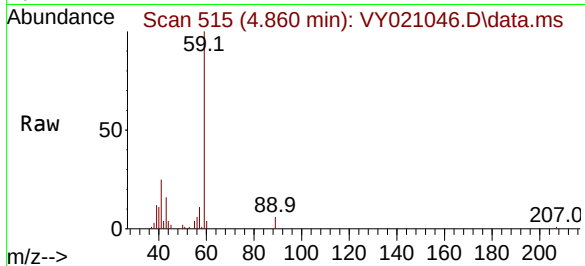




#11
Tert butyl alcohol
Concen: 252.187 ug/l
RT: 4.860 min Scan# 51
Delta R.T. -0.013 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

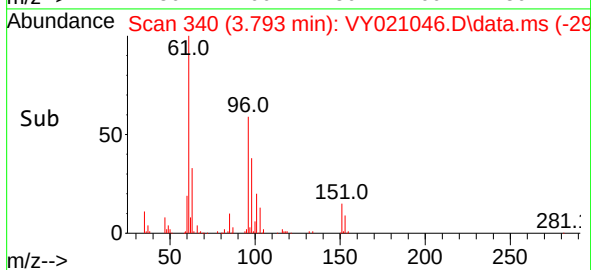
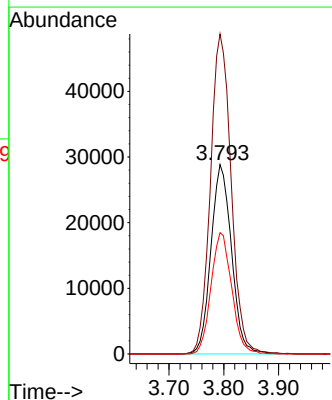
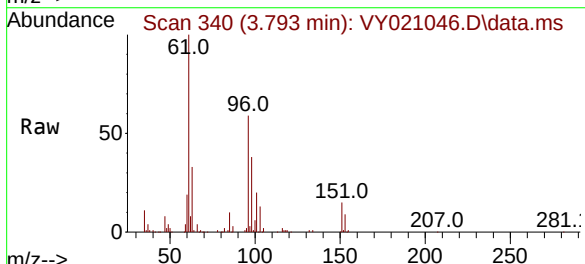
Instrument :
MSVOA_Y
ClientSampleId :

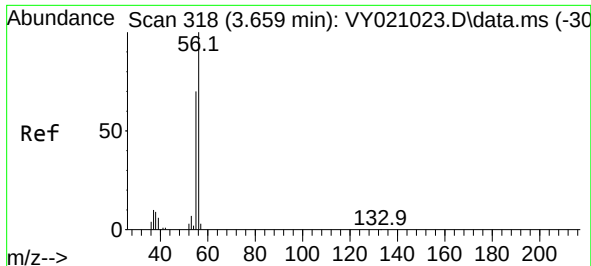
Tgt Ion: 59 Resp: 26996
Ion Ratio Lower Upper
59 100
57 9.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 51.266 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.007 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 96 Resp: 75364
Ion Ratio Lower Upper
96 100
61 169.0 124.2 186.2
98 64.0 52.6 79.0





#13

Acrolein

Concen: 242.367 ug/l

RT: 3.653 min Scan# 318

Delta R.T. -0.007 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

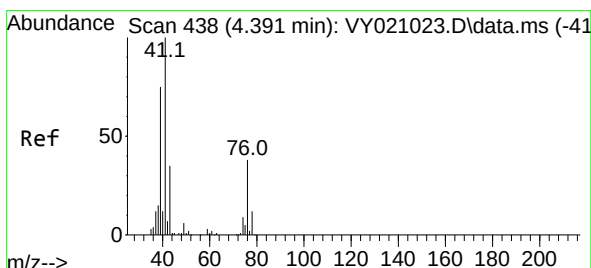
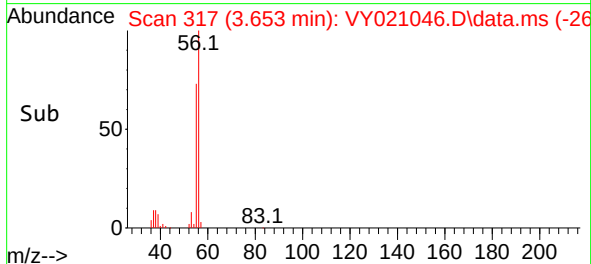
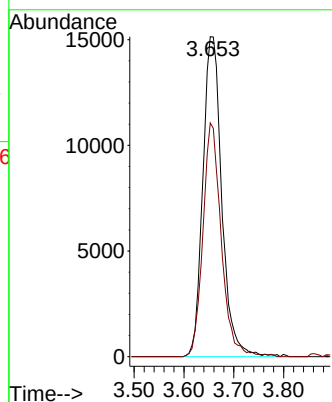
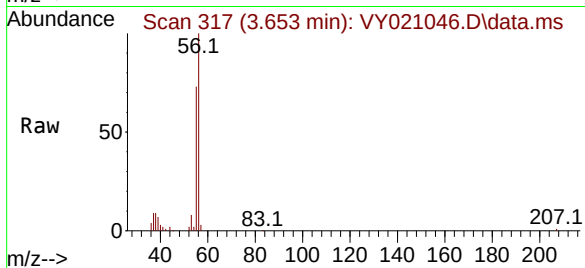
ClientSampleId :

Tgt Ion: 56 Resp: 39952

Ion Ratio Lower Upper

56 100

55 70.5 55.4 83.0



#14

Allyl chloride

Concen: 53.165 ug/l

RT: 4.390 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

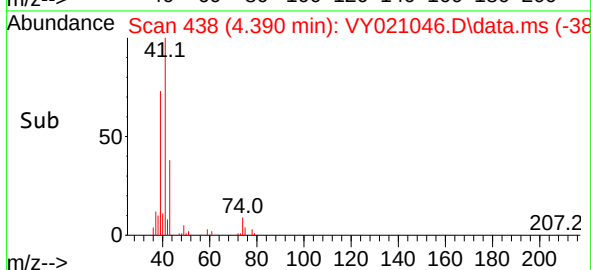
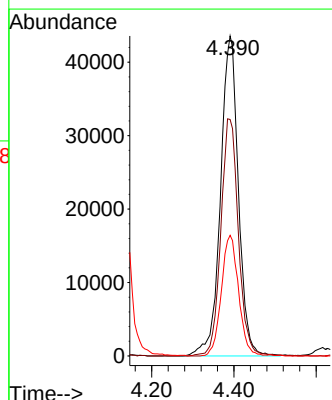
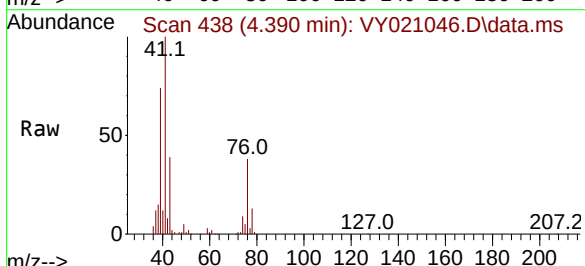
Tgt Ion: 41 Resp: 131719

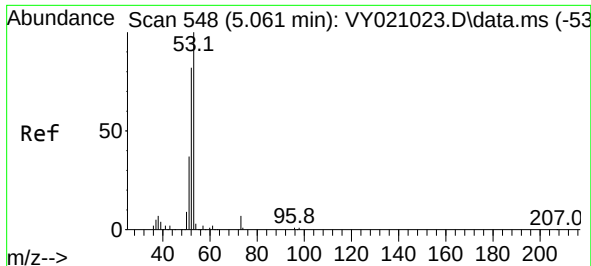
Ion Ratio Lower Upper

41 100

39 72.7 54.7 82.1

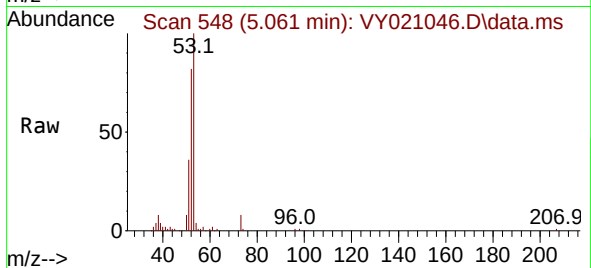
76 36.3 31.8 47.6



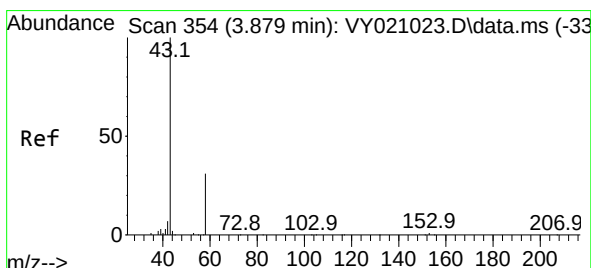
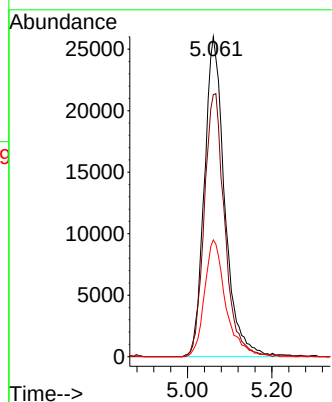
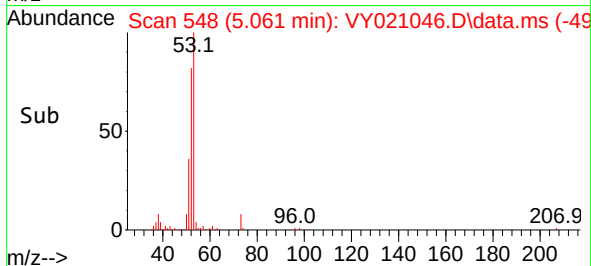


#15
Acrylonitrile
Concen: 270.313 ug/l
RT: 5.061 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

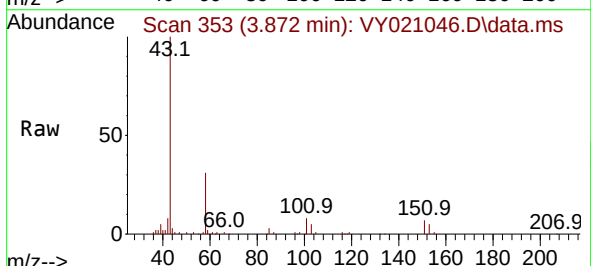
Instrument :
MSVOA_Y
ClientSampleId :



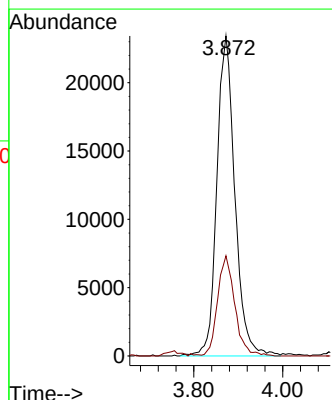
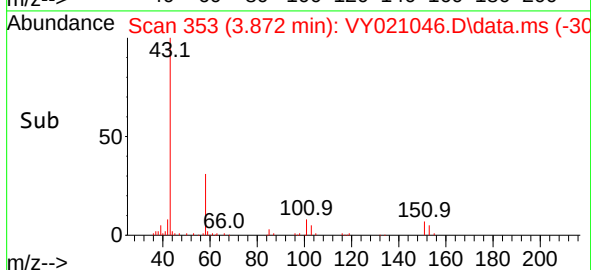
Tgt Ion: 53 Resp: 87375
Ion Ratio Lower Upper
53 100
52 82.6 65.1 97.7
51 38.1 29.0 43.4

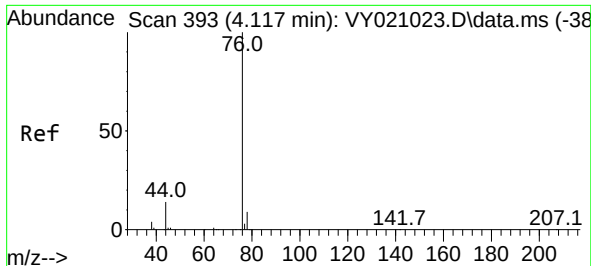


#16
Acetone
Concen: 267.440 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47



Tgt Ion: 43 Resp: 65883
Ion Ratio Lower Upper
43 100
58 31.3 26.6 39.8

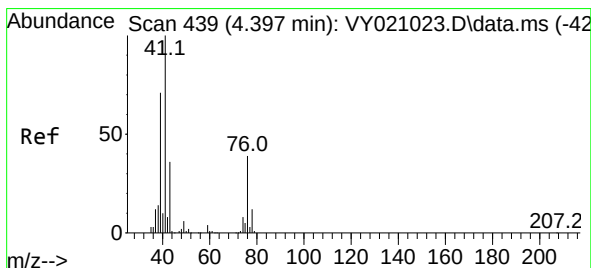
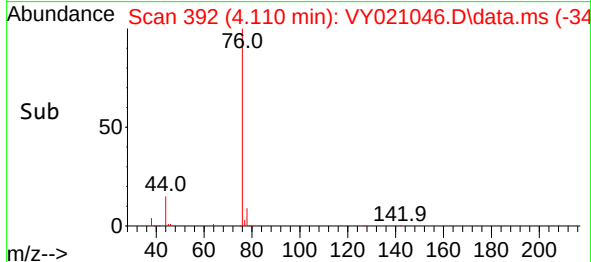
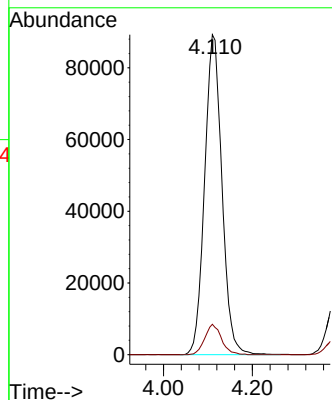
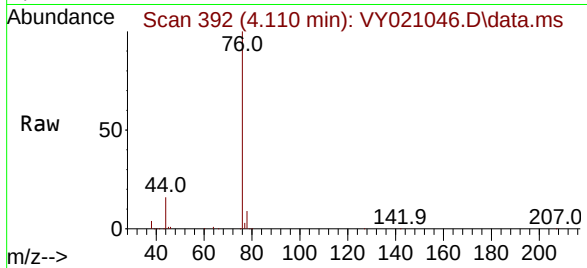




#17
Carbon Disulfide
Concen: 52.559 ug/l
RT: 4.110 min Scan# 391
Delta R.T. -0.007 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

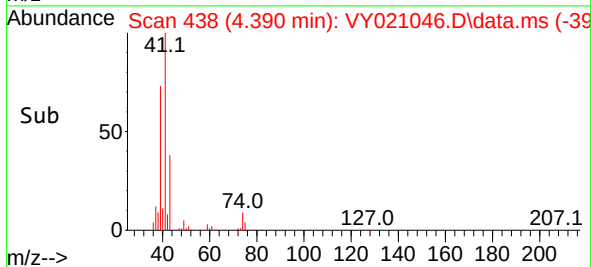
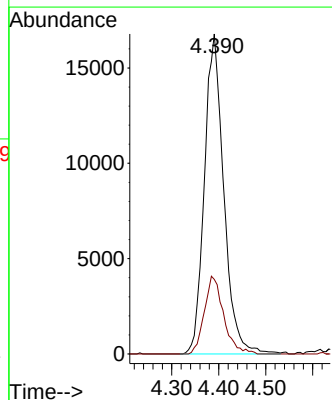
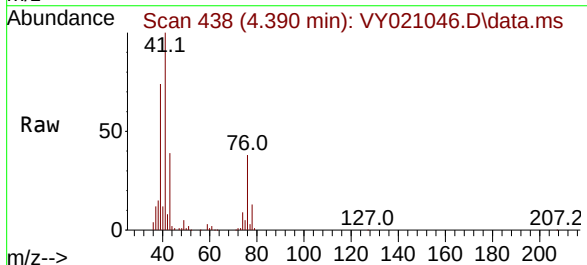
Instrument :
MSVOA_Y
ClientSampleId :

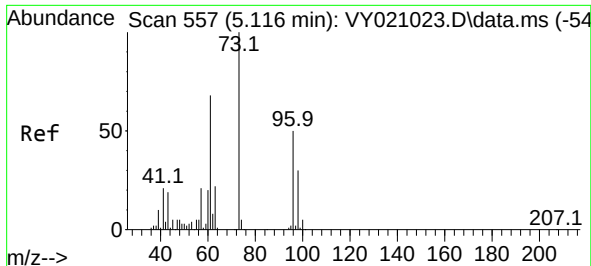
Tgt Ion: 76 Resp: 242282
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 55.562 ug/l
RT: 4.390 min Scan# 438
Delta R.T. -0.007 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 43 Resp: 48049
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 52.689 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

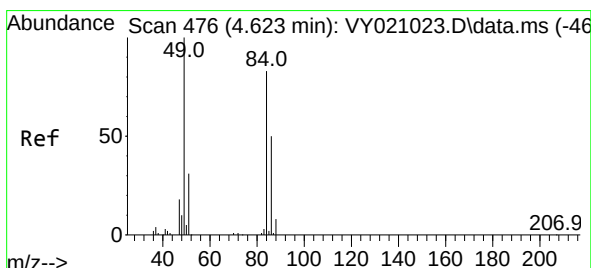
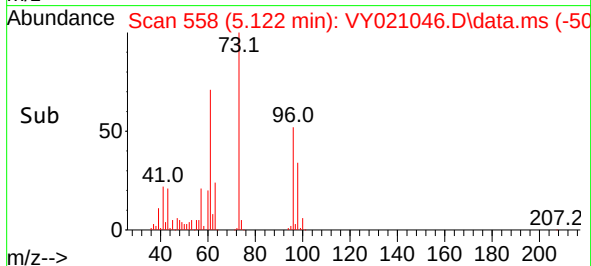
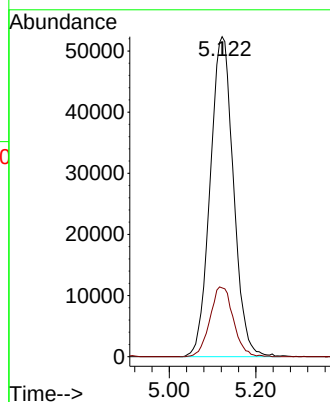
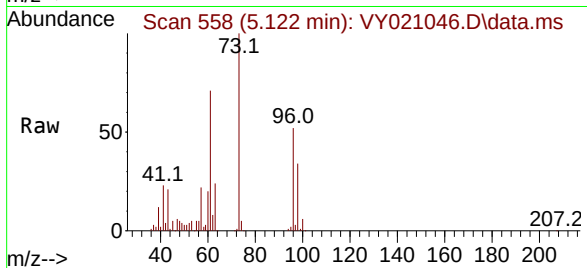
ClientSampleId :

Tgt Ion: 73 Resp: 195771

Ion Ratio Lower Upper

73 100

57 21.5 17.7 26.5



#20

Methylene Chloride

Concen: 51.630 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Tgt Ion: 84 Resp: 79068

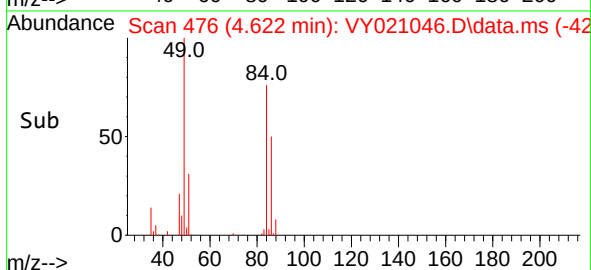
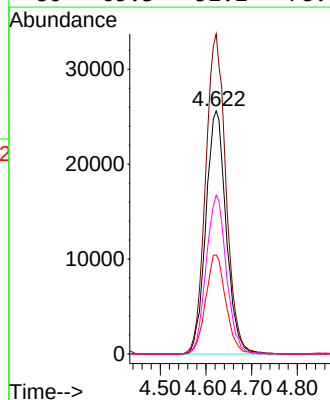
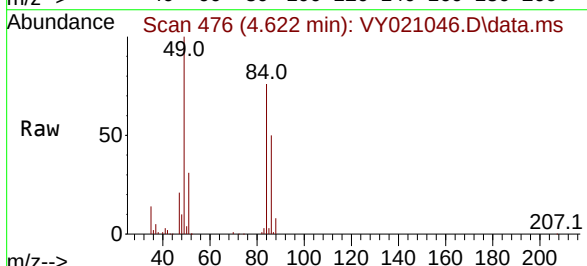
Ion Ratio Lower Upper

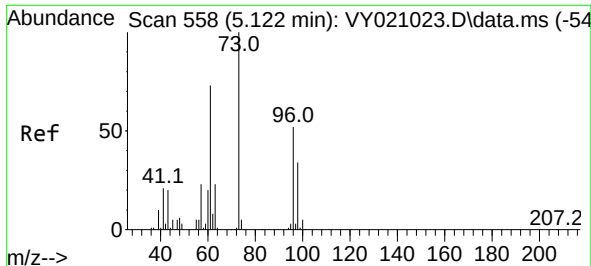
84 100

49 131.6 95.2 142.8

51 40.8 29.9 44.9

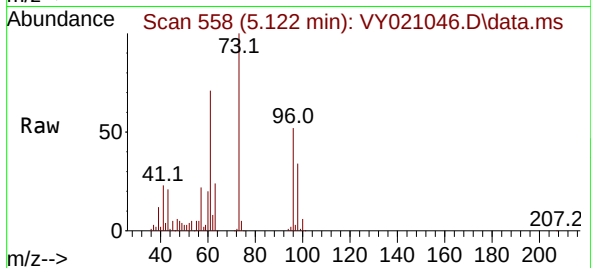
86 65.3 52.2 78.4



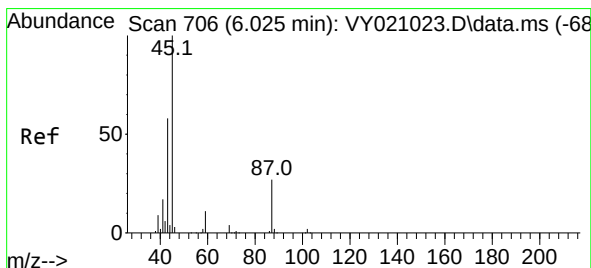
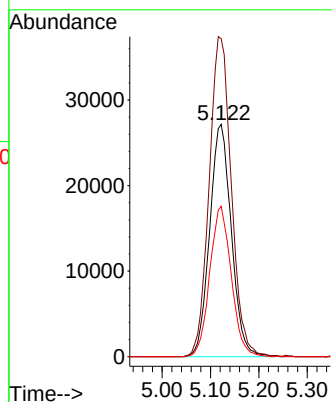
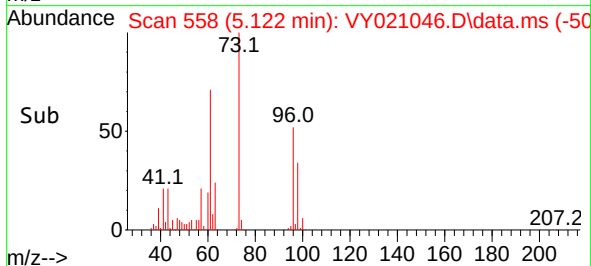


#21
trans-1,2-Dichloroethene
Concen: 52.369 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Instrument :
MSVOA_Y
ClientSampleId :

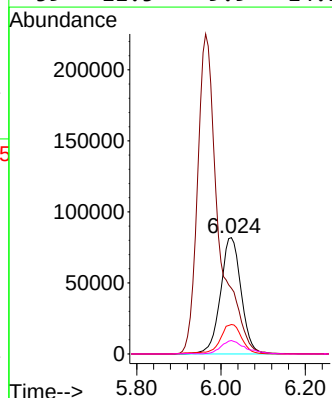
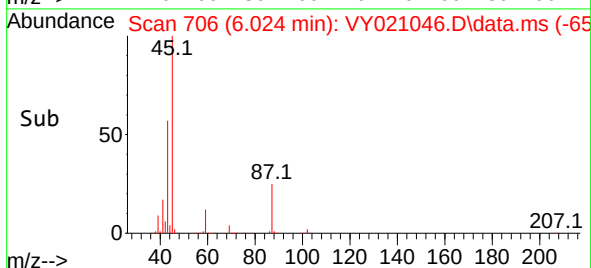
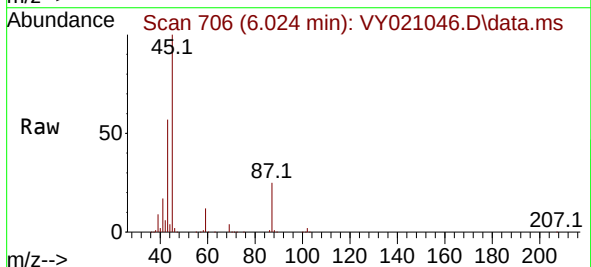


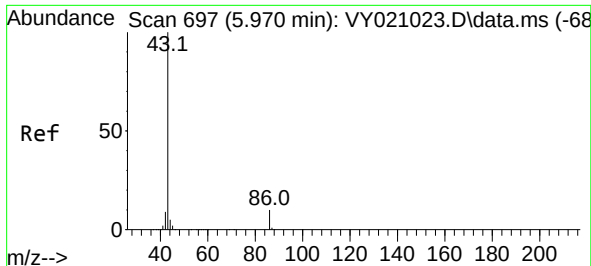
Tgt Ion: 96 Resp: 84741
Ion Ratio Lower Upper
96 100
61 137.0 104.6 156.8
98 64.7 50.9 76.3



#22
Diisopropyl ether
Concen: 54.300 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 45 Resp: 277295
Ion Ratio Lower Upper
45 100
43 56.1 46.8 70.2
87 25.3 22.2 33.2
59 11.5 9.9 14.9

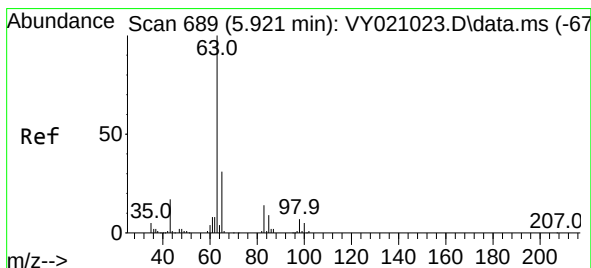
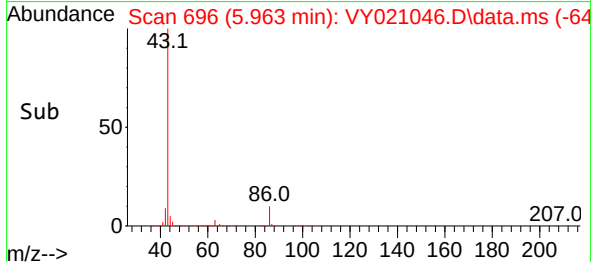
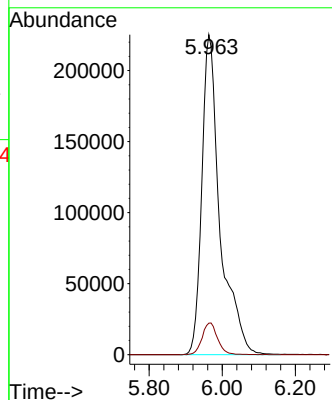
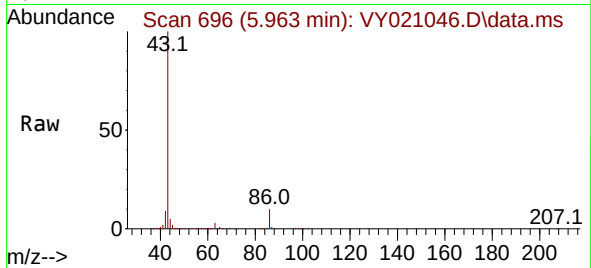




#23
 Vinyl Acetate
 Concen: 273.844 ug/l
 RT: 5.963 min Scan# 696
 Delta R.T. -0.007 min
 Lab File: VY021046.D
 Acq: 04 Feb 2025 09:47

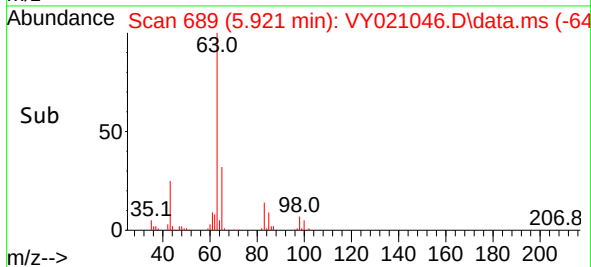
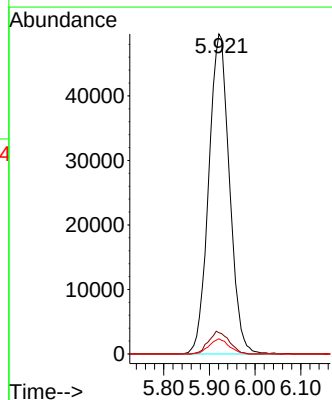
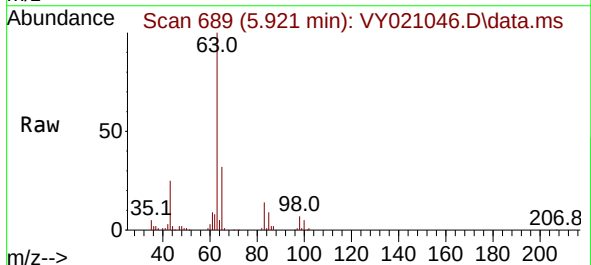
Instrument :
 MSVOA_Y
 ClientSampleId :

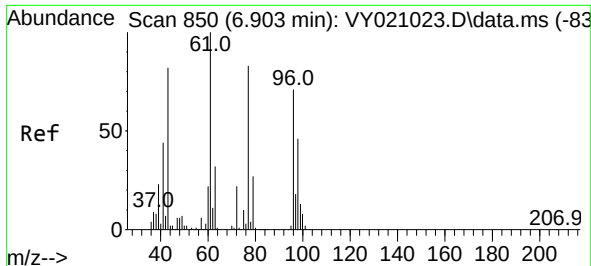
Tgt Ion: 43 Resp: 779586
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 52.245 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY021046.D
 Acq: 04 Feb 2025 09:47

Tgt Ion: 63 Resp: 156317
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 4.8 2.1 6.2

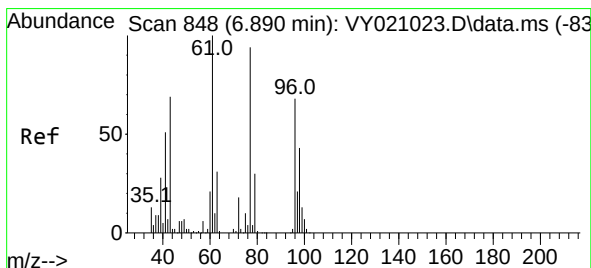
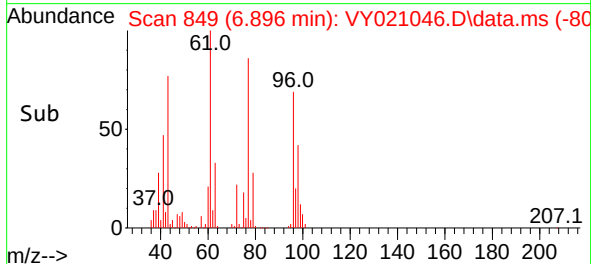
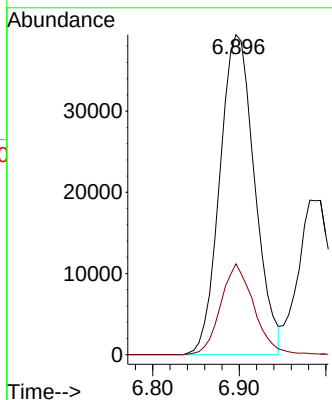
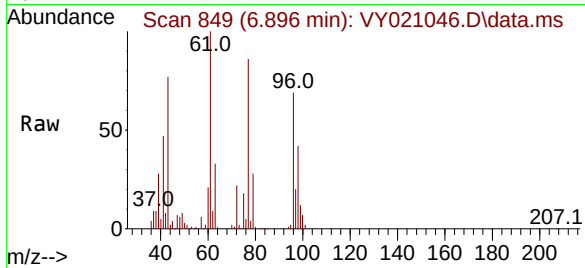




#25
2-Butanone
Concen: 272.159 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.007 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

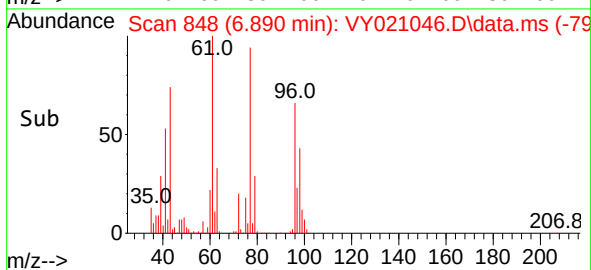
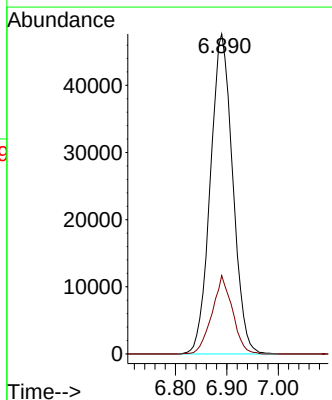
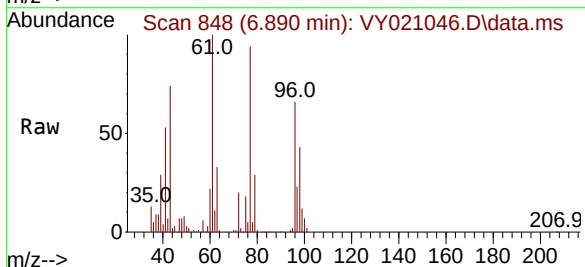
Instrument :
MSVOA_Y
ClientSampleId :

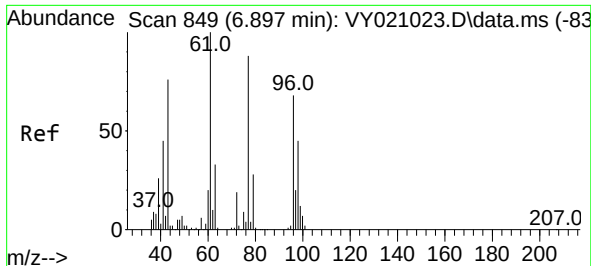
Tgt Ion: 43 Resp: 110174
Ion Ratio Lower Upper
43 100
72 28.4 21.4 32.2



#26
2,2-Dichloropropane
Concen: 51.967 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

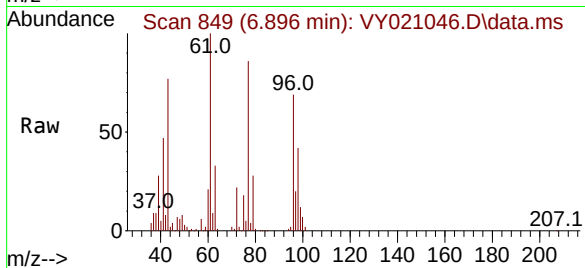
Tgt Ion: 77 Resp: 143867
Ion Ratio Lower Upper
77 100
97 22.4 11.7 35.0



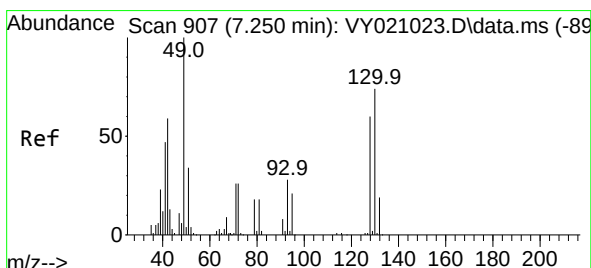
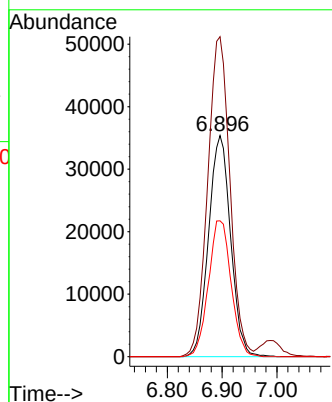
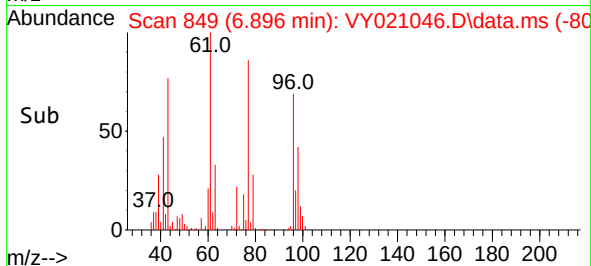


#27
 cis-1,2-Dichloroethene
 Concen: 52.870 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY021046.D
 Acq: 04 Feb 2025 09:47

Instrument :
 MSVOA_Y
 ClientSampleId :

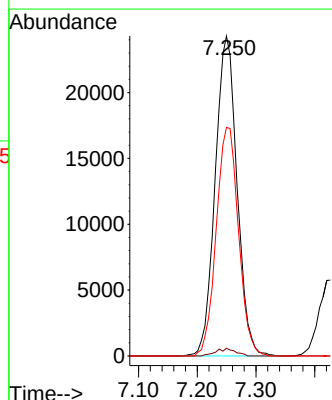
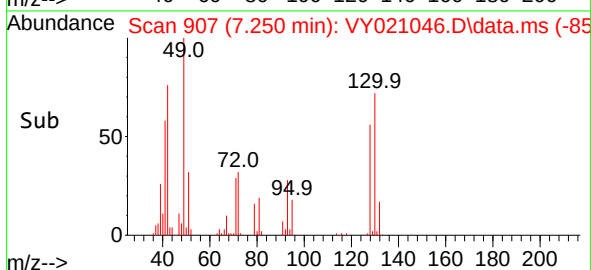
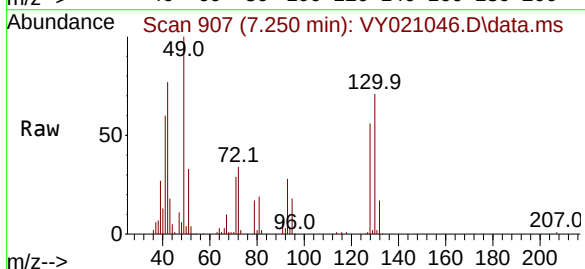


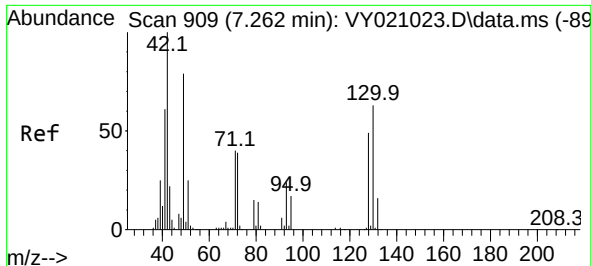
Tgt Ion: 96 Resp: 98474
 Ion Ratio Lower Upper
 96 100
 61 146.4 0.0 278.8
 98 63.4 0.0 127.0



#28
 Bromochloromethane
 Concen: 52.992 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VY021046.D
 Acq: 04 Feb 2025 09:47

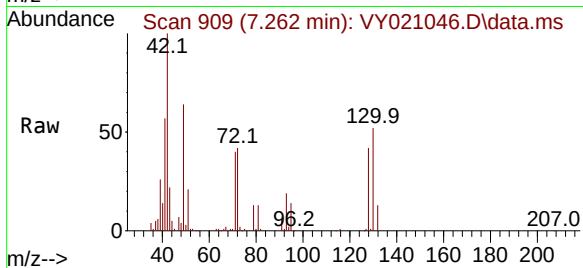
Tgt Ion: 49 Resp: 62695
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 72.8 59.8 89.8



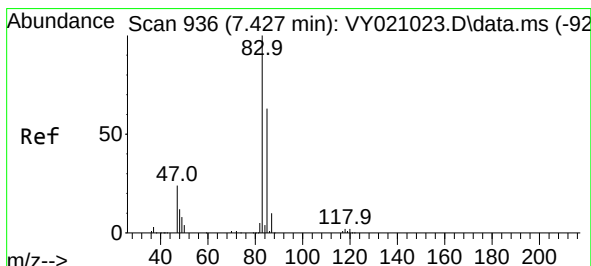
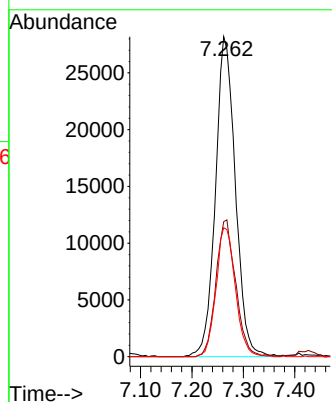
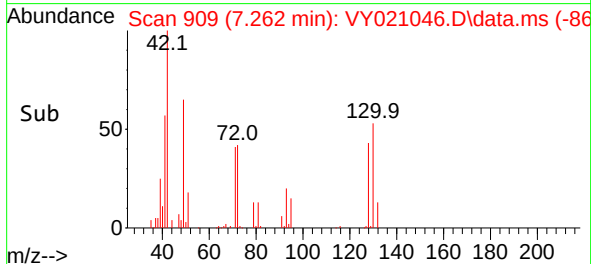


#29
Tetrahydrofuran
Concen: 277.873 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

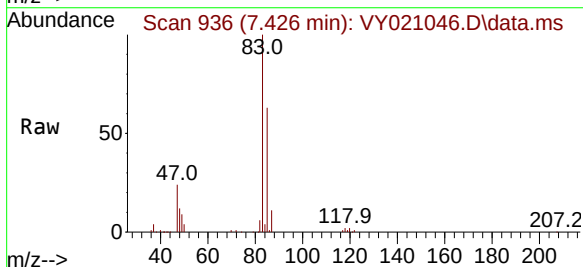
Instrument :
MSVOA_Y
ClientSampleId :



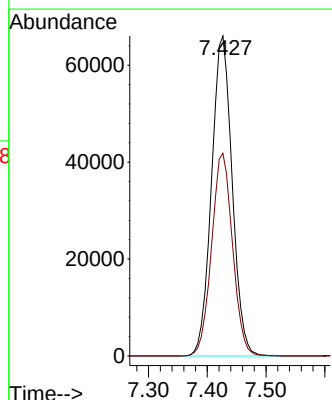
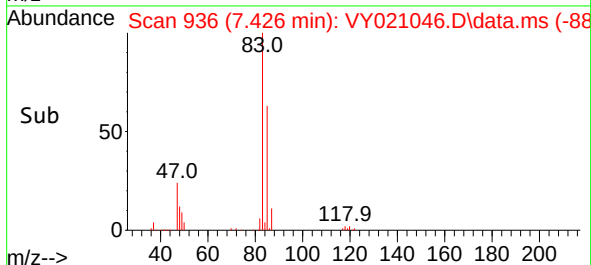
Tgt Ion: 42 Resp: 76116
Ion Ratio Lower Upper
42 100
72 42.2 36.6 54.8
71 39.0 33.8 50.6

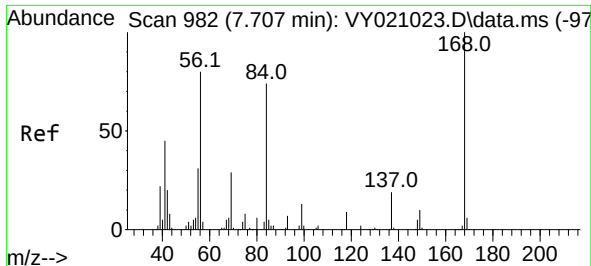


#30
Chloroform
Concen: 52.406 ug/l
RT: 7.426 min Scan# 936
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47



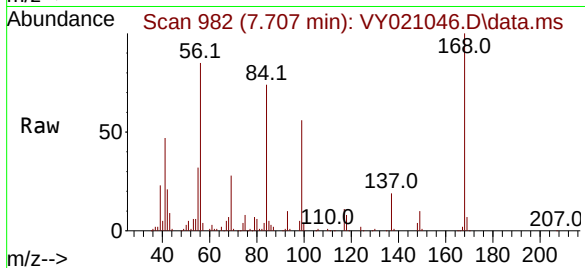
Tgt Ion: 83 Resp: 161057
Ion Ratio Lower Upper
83 100
85 63.3 51.2 76.8



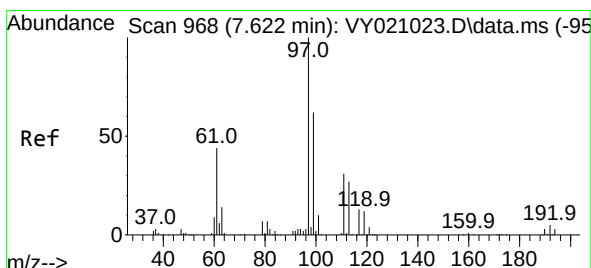
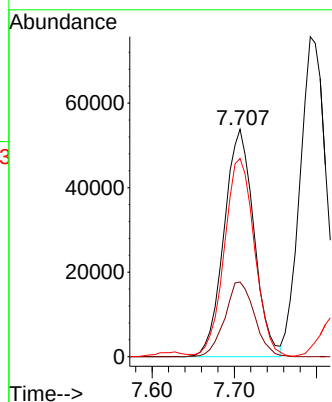
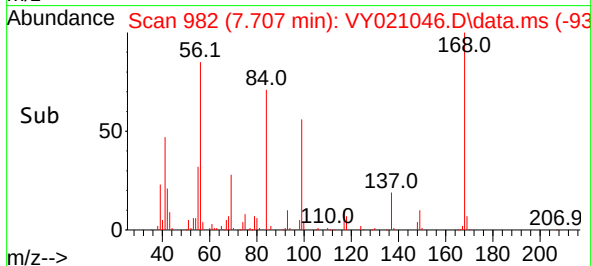


#31
Cyclohexane
Concen: 50.543 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Instrument :
MSVOA_Y
ClientSampleId :

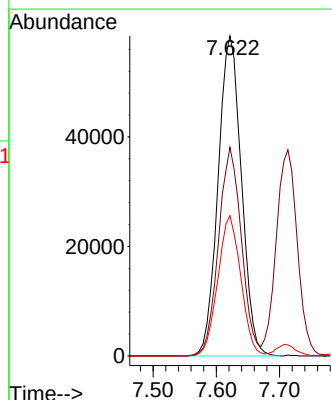
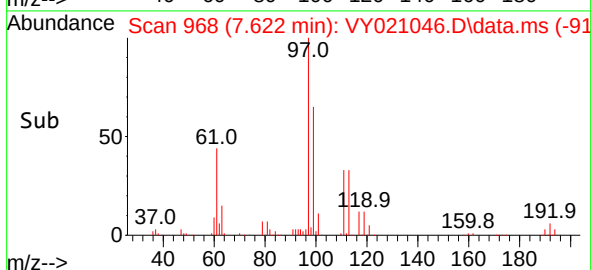
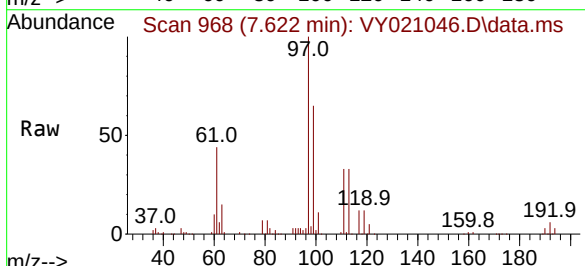


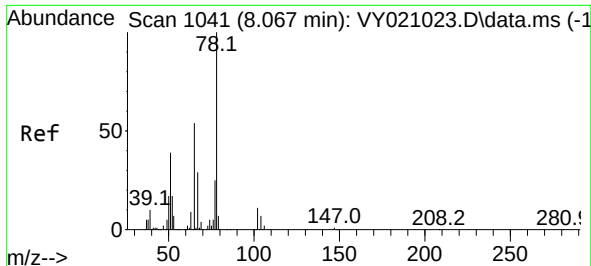
Tgt Ion: 56 Resp: 136180
Ion Ratio Lower Upper
56 100
69 32.9 27.0 40.6
84 85.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 52.284 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 97 Resp: 149391
Ion Ratio Lower Upper
97 100
99 64.2 51.2 76.8
61 43.3 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 52.095 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

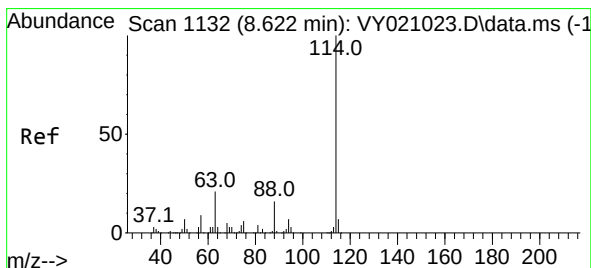
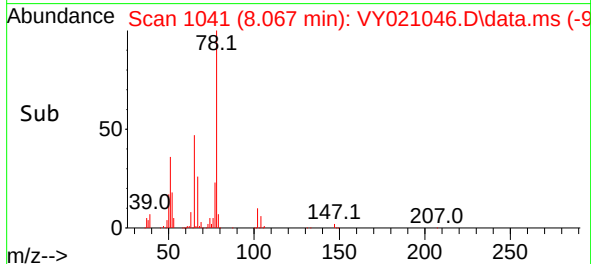
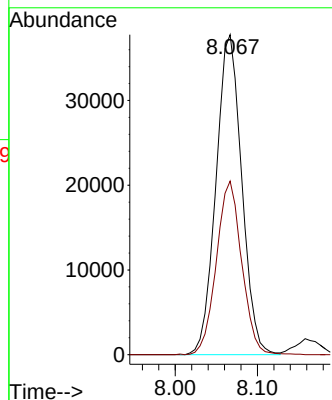
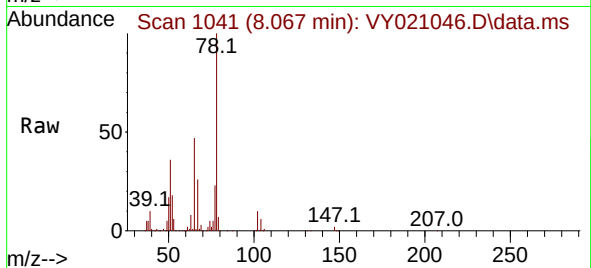
ClientSampleId :

Tgt Ion: 65 Resp: 82293

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.007 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

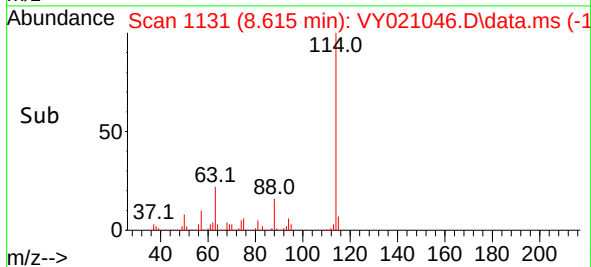
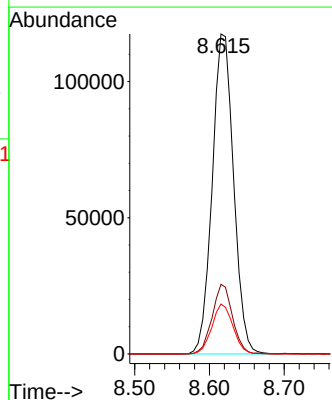
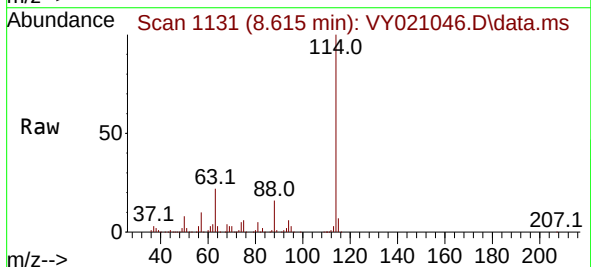
Tgt Ion: 114 Resp: 233780

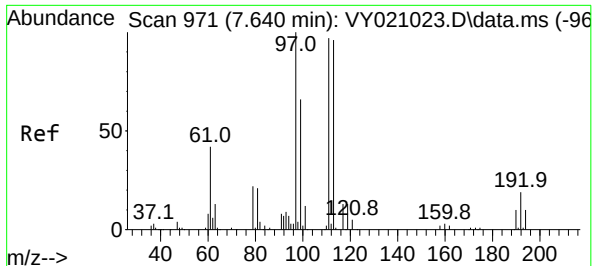
Ion Ratio Lower Upper

114 100

63 21.8 0.0 37.4

88 15.6 0.0 29.0

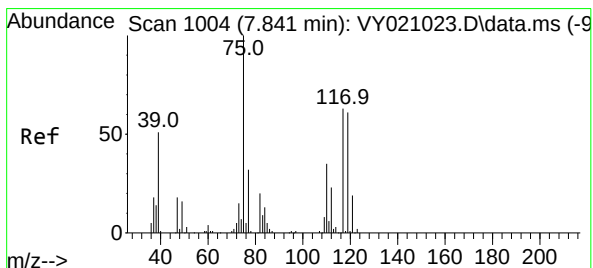
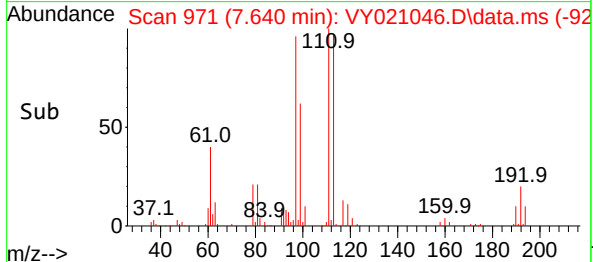
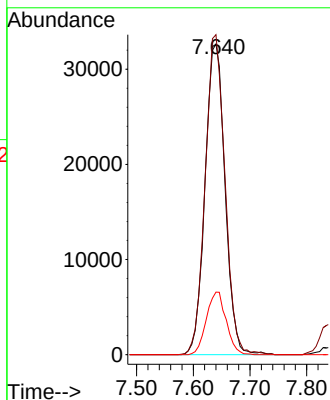
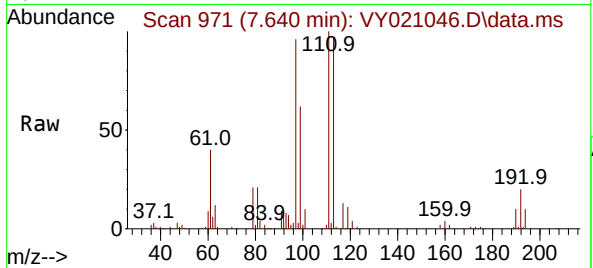




#35
Dibromofluoromethane
Concen: 53.452 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

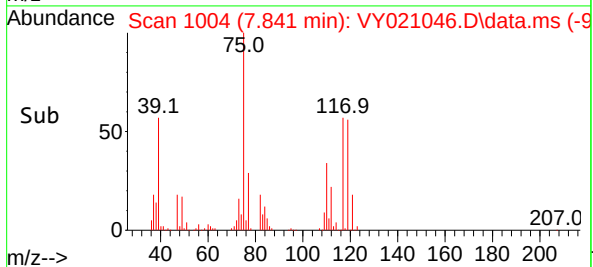
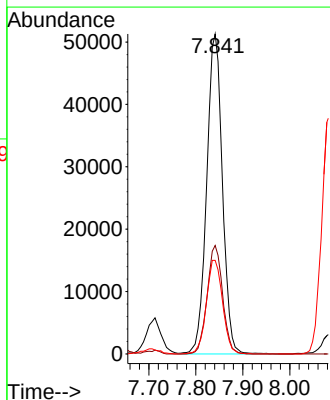
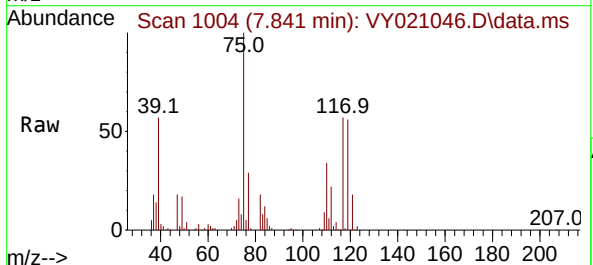
Instrument :
MSVOA_Y
ClientSampleId :

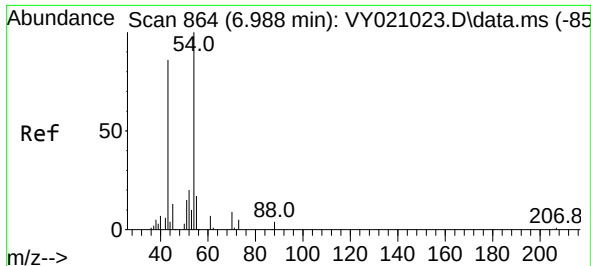
Tgt Ion:113 Resp: 80083
Ion Ratio Lower Upper
113 100
111 102.1 83.8 125.6
192 20.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 53.591 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 75 Resp: 118925
Ion Ratio Lower Upper
75 100
110 33.4 17.4 52.3
77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 56.091 ug/l

RT: 6.981 min Scan# 80

Delta R.T. -0.007 min

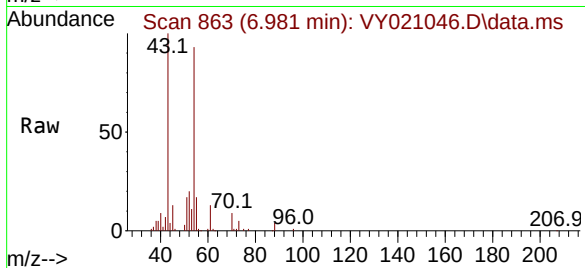
Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

ClientSampleId :



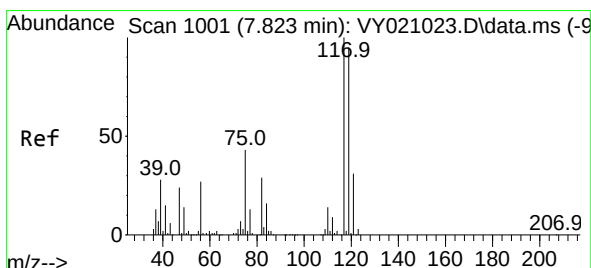
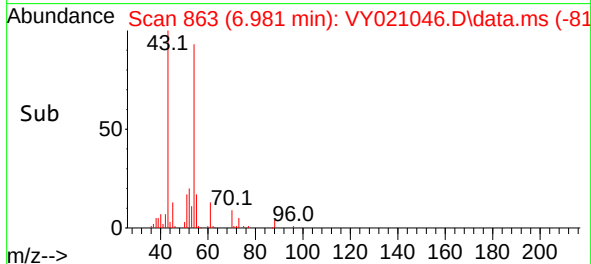
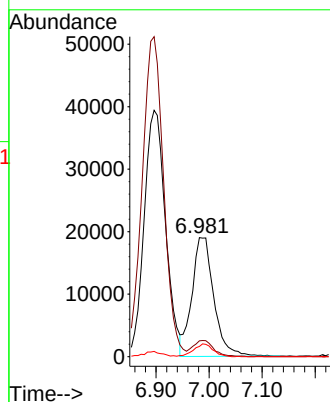
Tgt Ion: 43 Resp: 54605

Ion Ratio Lower Upper

43 100

61 13.0 11.0 16.6

70 9.5 8.1 12.1



#38

Carbon Tetrachloride

Concen: 53.307 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

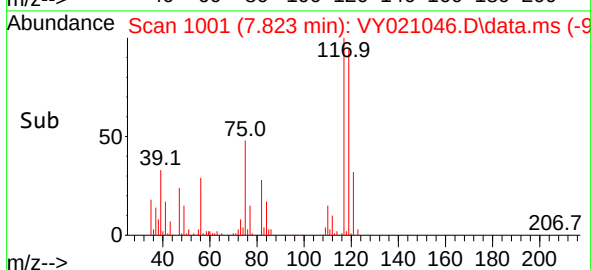
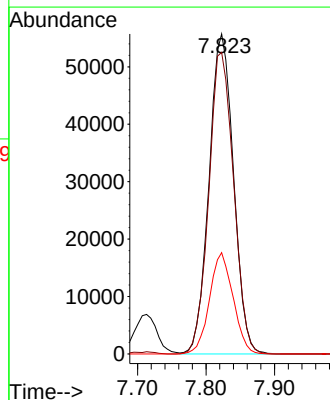
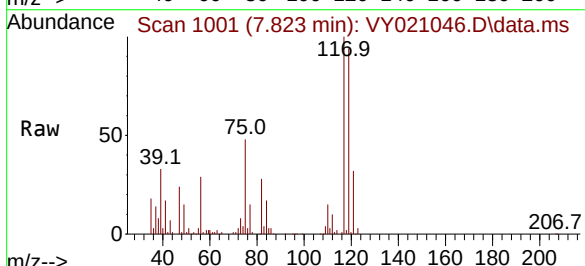
Tgt Ion: 117 Resp: 138223

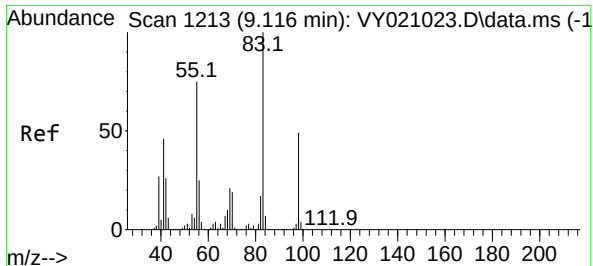
Ion Ratio Lower Upper

117 100

119 94.2 76.0 114.0

121 31.6 24.2 36.2





#39

Methylcyclohexane

Concen: 53.677 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

ClientSampleId :

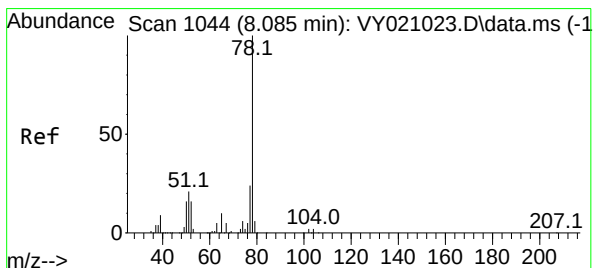
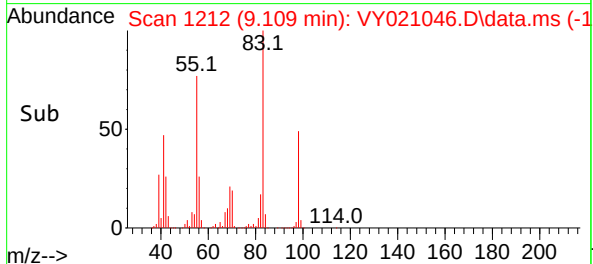
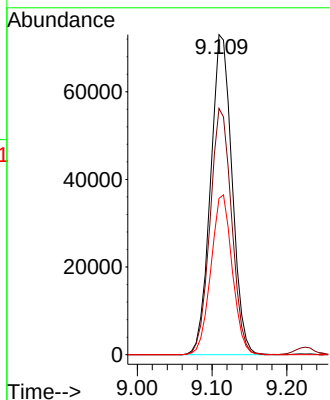
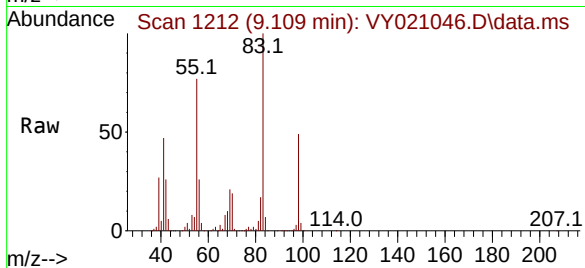
Tgt Ion: 83 Resp: 145702

Ion Ratio Lower Upper

83 100

55 77.0 59.7 89.5

98 48.8 38.0 57.0



#40

Benzene

Concen: 53.888 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021046.D

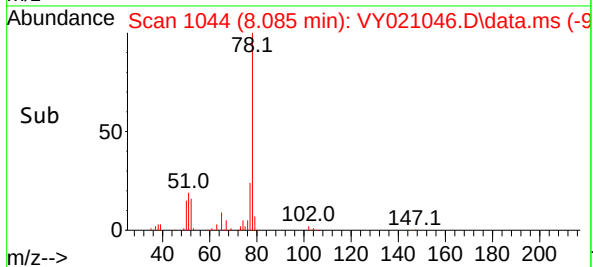
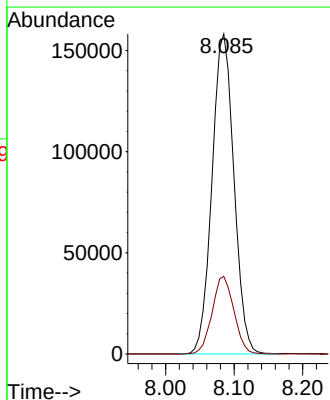
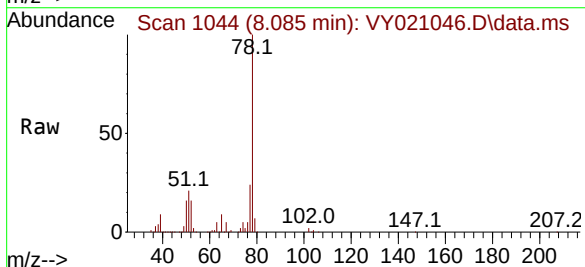
Acq: 04 Feb 2025 09:47

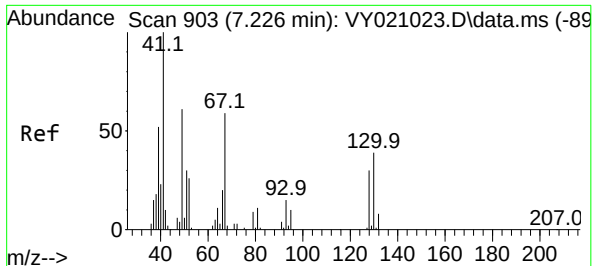
Tgt Ion: 78 Resp: 350936

Ion Ratio Lower Upper

78 100

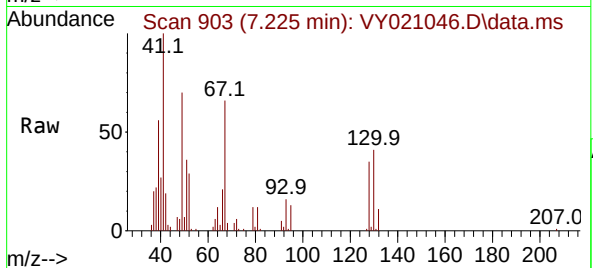
77 24.3 18.8 28.2



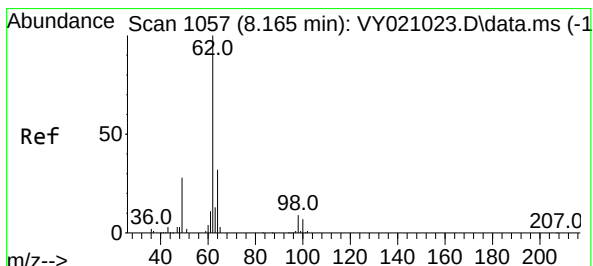
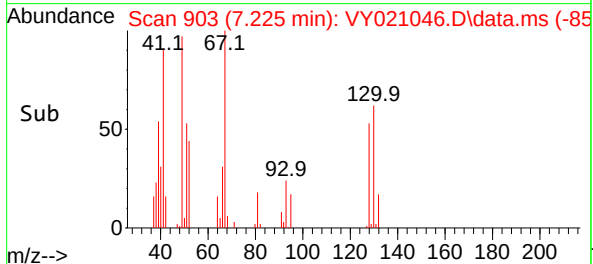
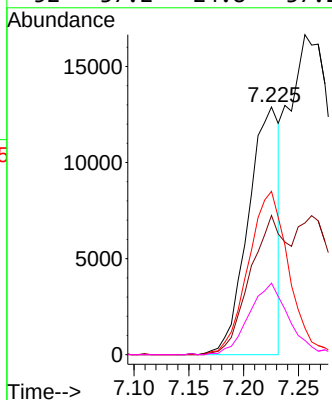


#41
Methacrylonitrile
Concen: 45.147 ug/l
RT: 7.225 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Instrument :
MSVOA_Y
ClientSampleId :

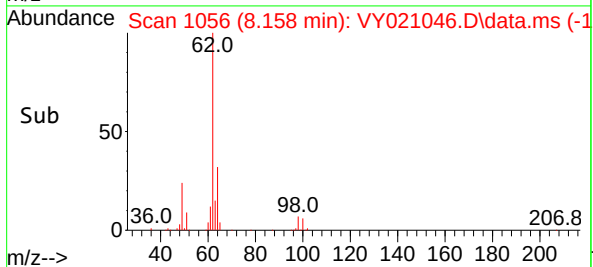
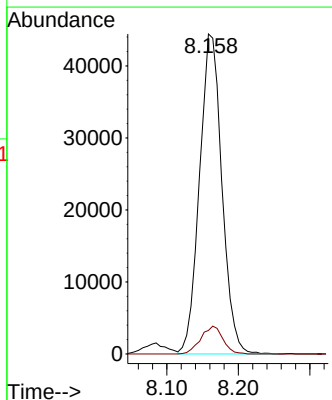
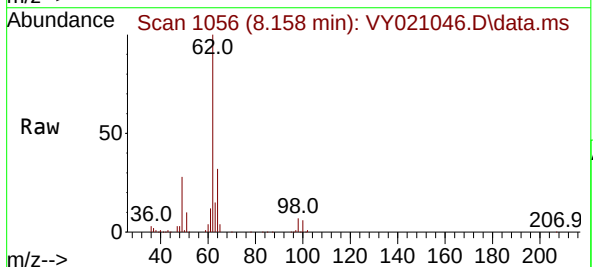


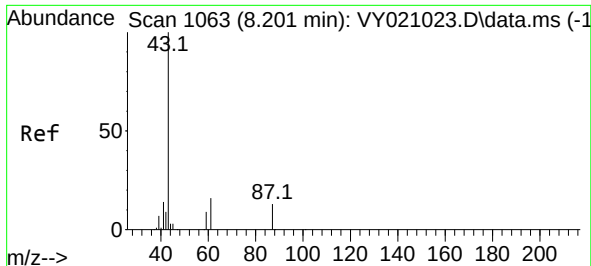
Tgt Ion:	41	Resp:	25427
Ion	Ratio	Lower	Upper
41	100		
39	69.4	41.9	62.9#
67	86.0	59.8	89.6
52	37.2	24.8	37.2



#42
1,2-Dichloroethane
Concen: 53.521 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.007 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion:	62	Resp:	96687
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	20.2

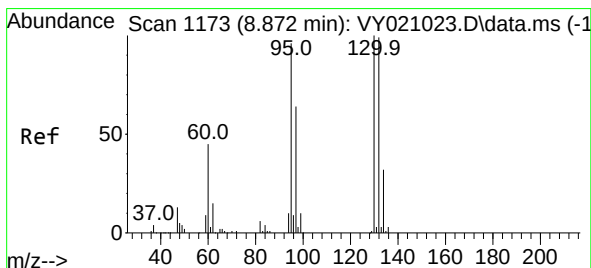
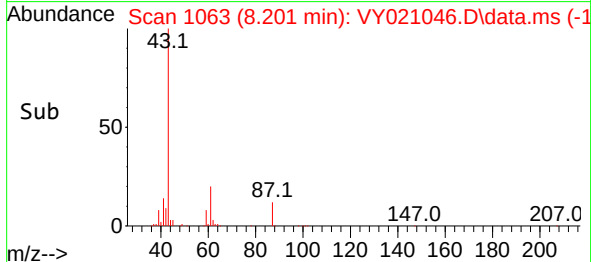
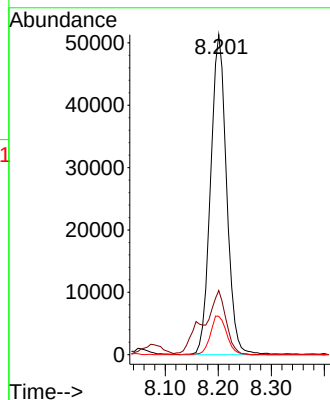
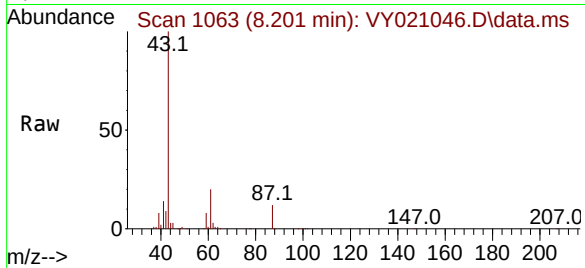




#43
Isopropyl Acetate
Concen: 55.633 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

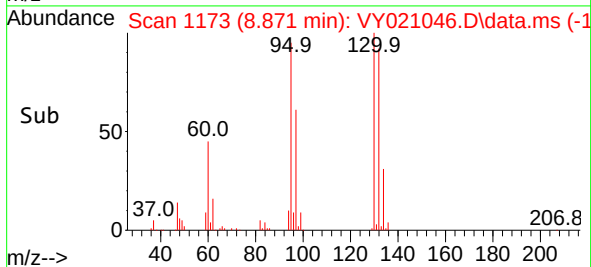
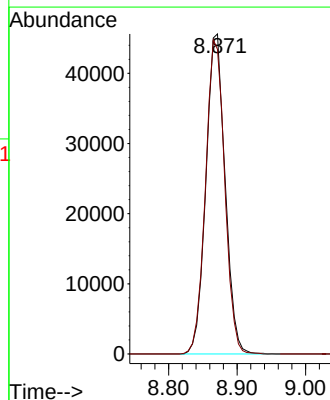
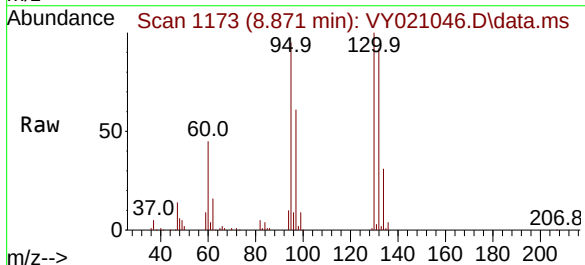
Instrument :
MSVOA_Y
ClientSampleId :

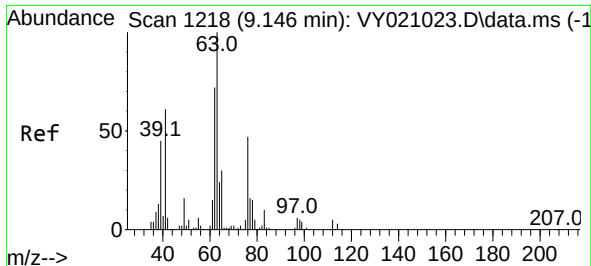
Tgt Ion: 43 Resp: 107615
Ion Ratio Lower Upper
43 100
61 18.8 24.8 37.2#
87 12.3 10.7 16.1



#44
Trichloroethene
Concen: 52.820 ug/l
RT: 8.871 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion:130 Resp: 88871
Ion Ratio Lower Upper
130 100
95 95.2 0.0 203.8





#45

1,2-Dichloropropane

Concen: 53.991 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

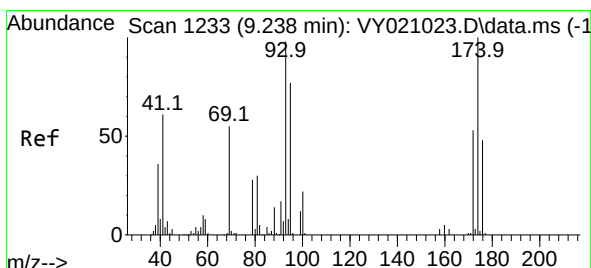
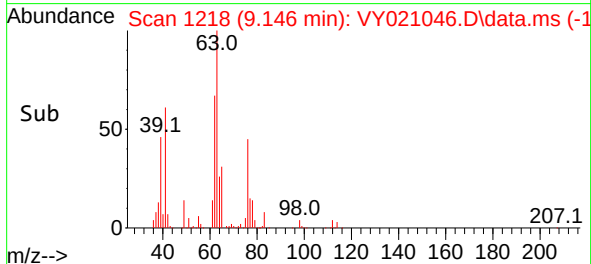
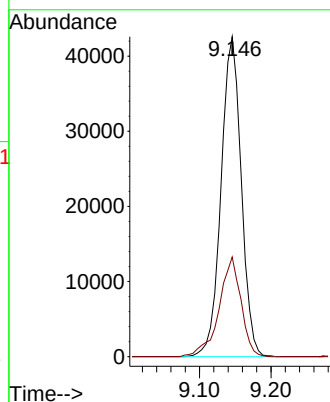
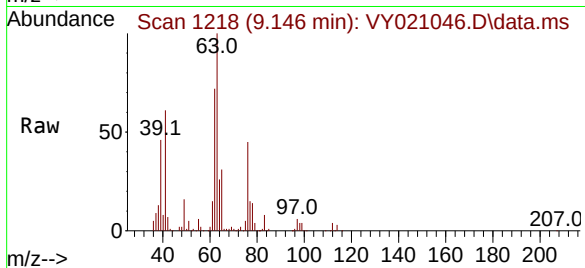
ClientSampleId :

Tgt Ion: 63 Resp: 83455

Ion Ratio Lower Upper

63 100

65 31.1 24.6 36.8



#46

Dibromomethane

Concen: 53.884 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

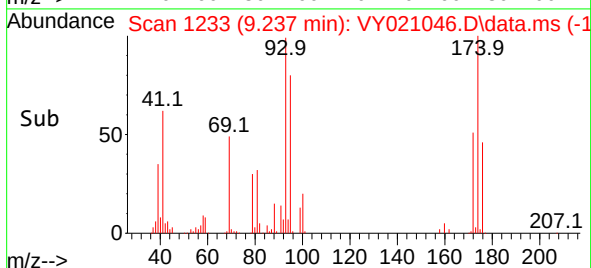
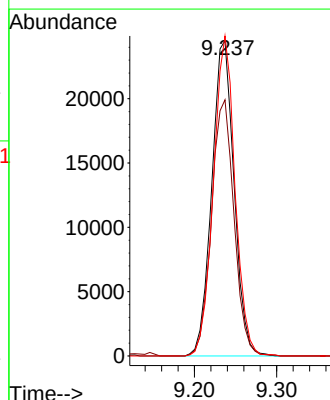
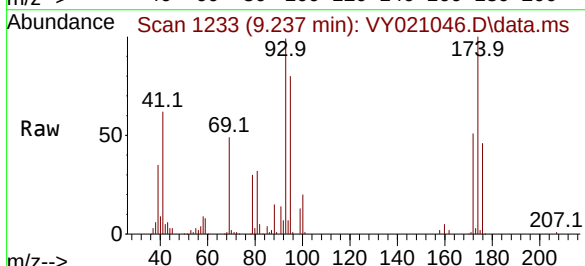
Tgt Ion: 93 Resp: 46115

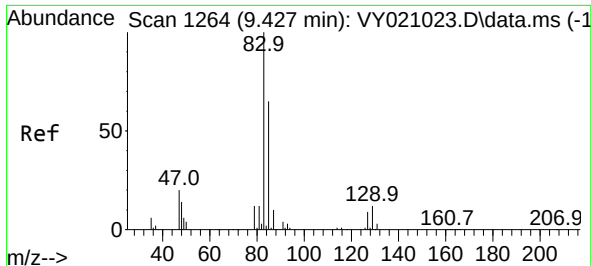
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

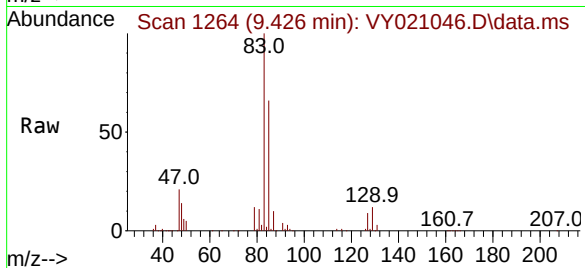
174 98.7 73.8 110.6



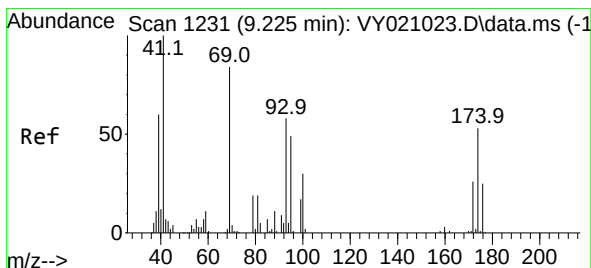
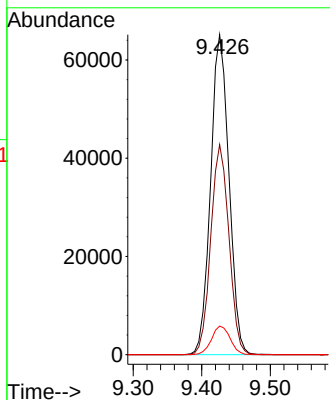
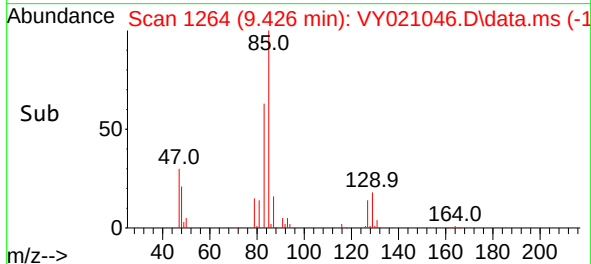


#47
Bromodichloromethane
Concen: 52.810 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Instrument :
MSVOA_Y
ClientSampleId :

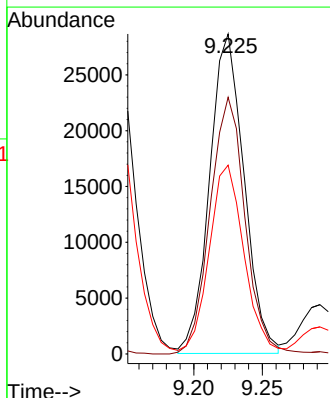
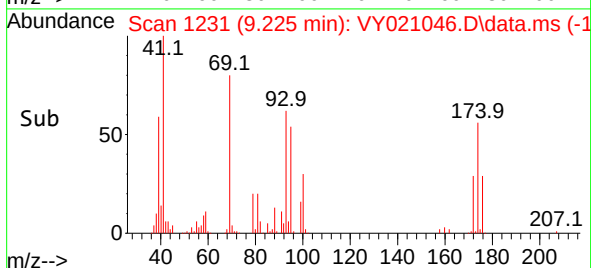
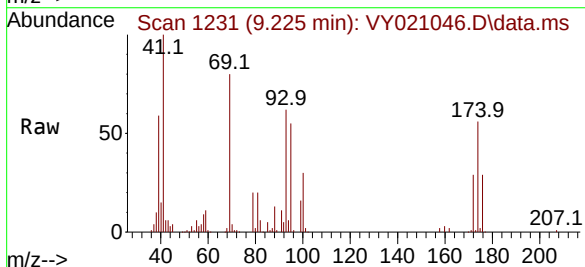


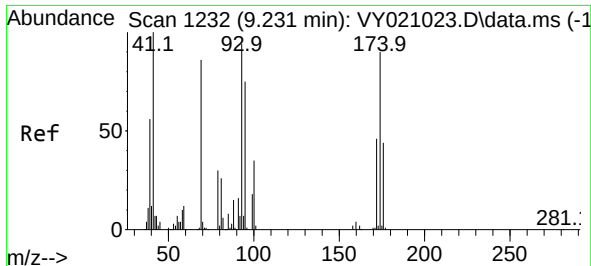
Tgt Ion: 83 Resp: 121213
Ion Ratio Lower Upper
83 100
85 65.7 53.2 79.8
127 8.9 6.4 9.6



#48
Methyl methacrylate
Concen: 56.838 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 41 Resp: 50081
Ion Ratio Lower Upper
41 100
69 81.9 72.1 108.1
39 57.7 42.8 64.2





#49

1,4-Dioxane

Concen: 1150.358 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

ClientSampleId :

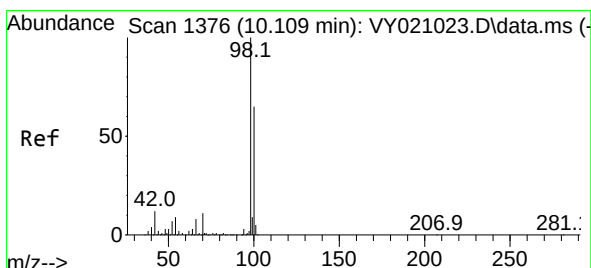
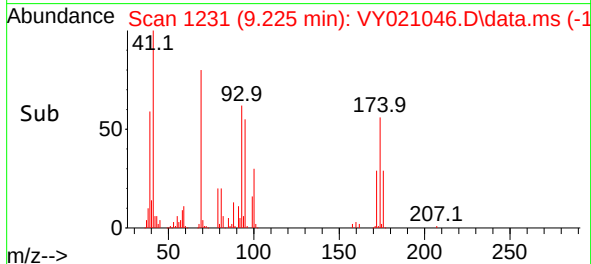
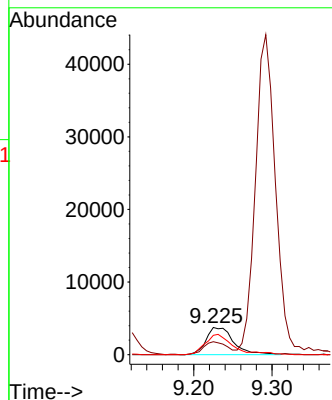
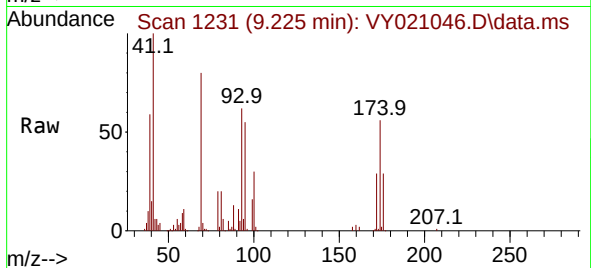
Tgt Ion: 88 Resp: 9165

Ion Ratio Lower Upper

88 100

43 39.7 28.2 42.4

58 76.0 52.2 78.2



#50

Toluene-d8

Concen: 54.470 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021046.D

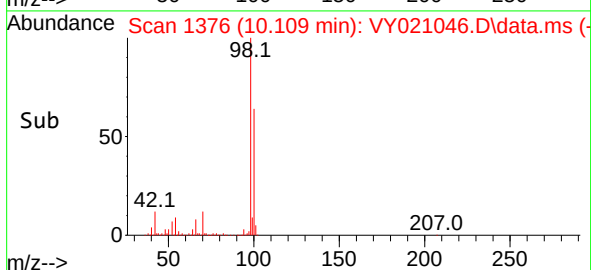
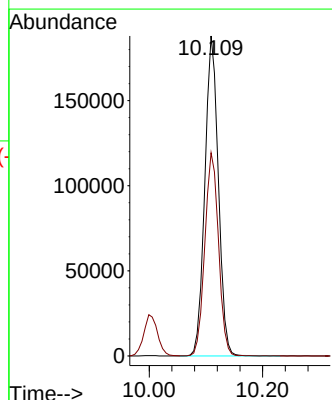
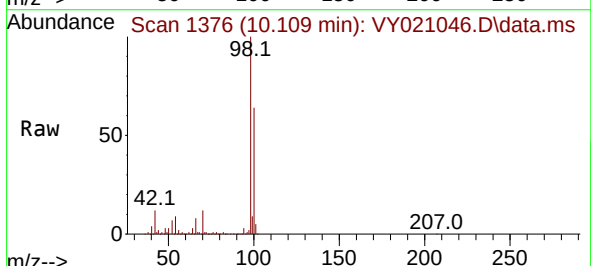
Acq: 04 Feb 2025 09:47

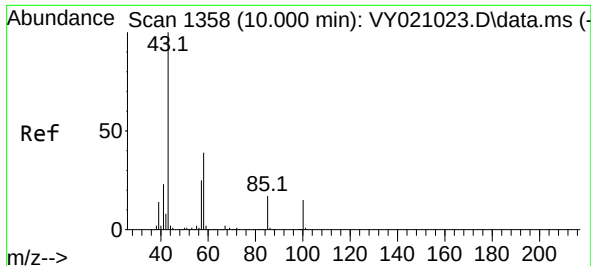
Tgt Ion: 98 Resp: 310687

Ion Ratio Lower Upper

98 100

100 64.5 52.3 78.5

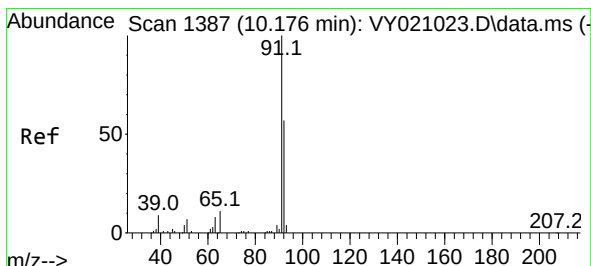
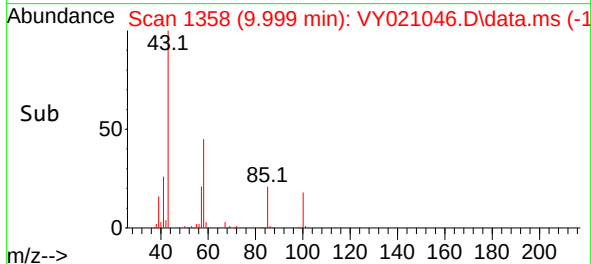
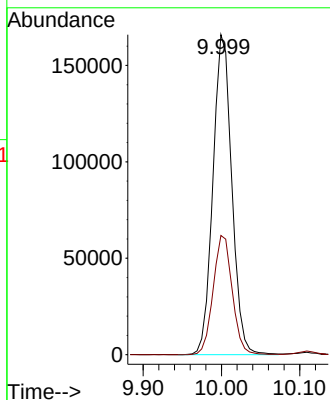
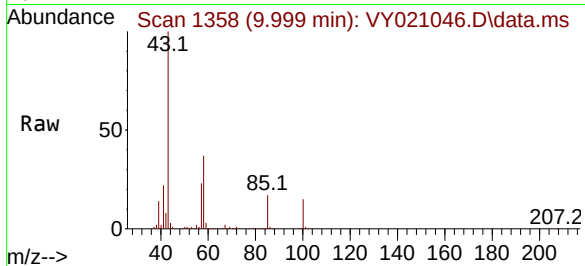




#51
4-Methyl-2-Pentanone
Concen: 285.788 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

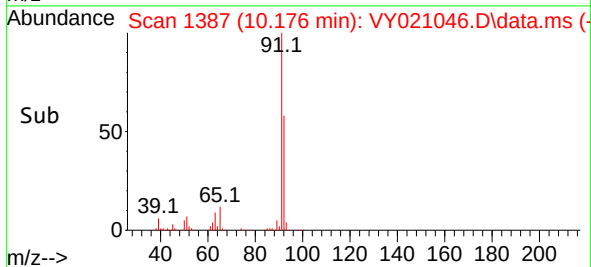
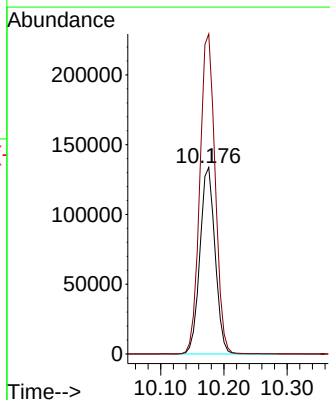
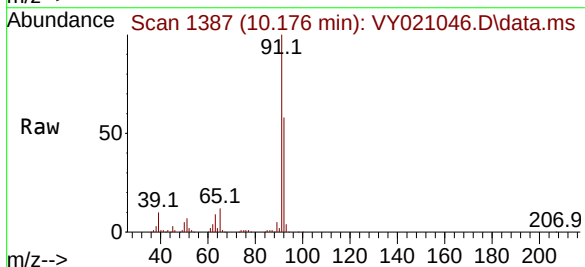
Instrument :
MSVOA_Y
ClientSampleId :

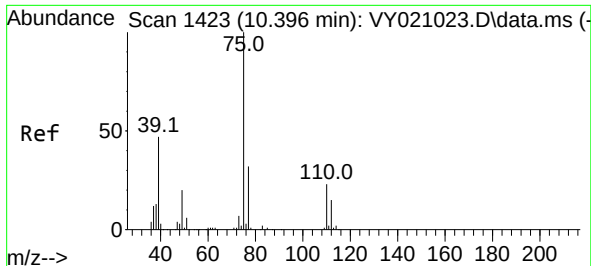
Tgt Ion: 43 Resp: 277997
Ion Ratio Lower Upper
43 100
58 37.7 32.2 48.2



#52
Toluene
Concen: 54.566 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 92 Resp: 223128
Ion Ratio Lower Upper
92 100
91 173.8 137.6 206.4

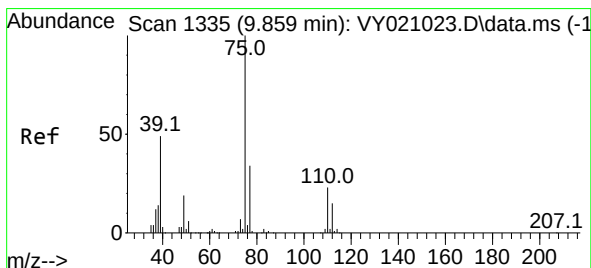
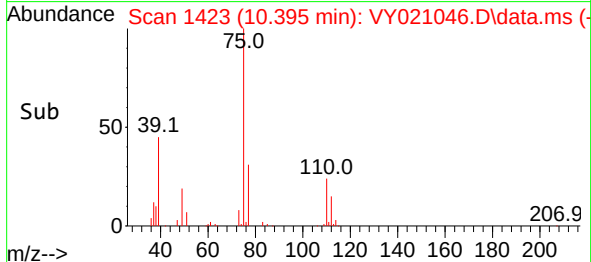
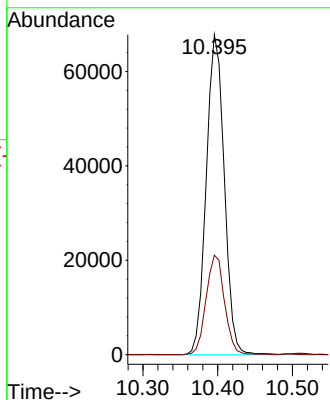
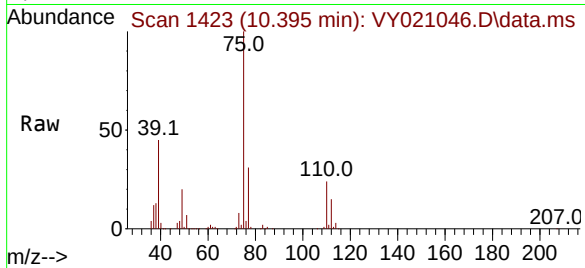




#53
 t-1,3-Dichloropropene
 Concen: 55.115 ug/l
 RT: 10.395 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY021046.D
 Acq: 04 Feb 2025 09:47

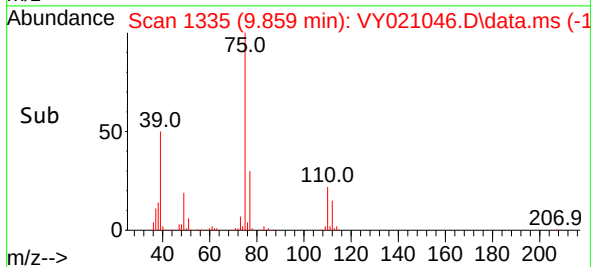
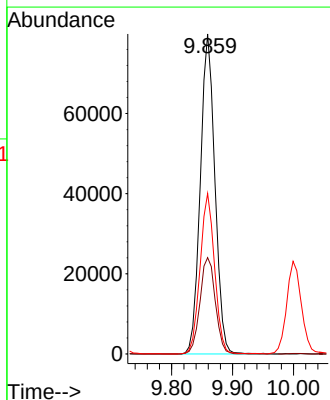
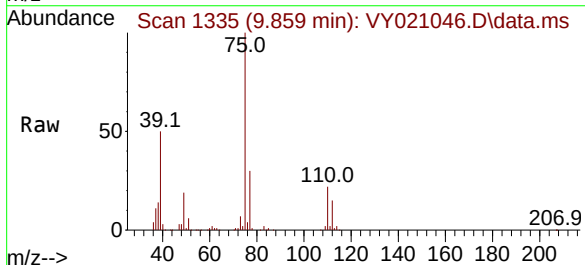
Instrument :
 MSVOA_Y
 ClientSampleId :

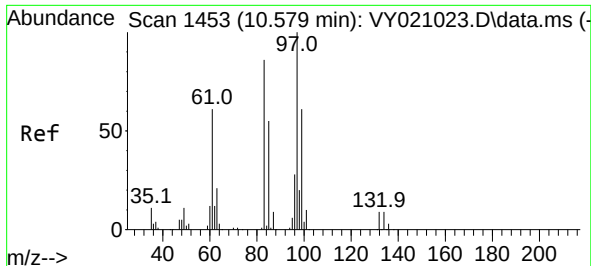
Tgt Ion: 75 Resp: 113590
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.522 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY021046.D
 Acq: 04 Feb 2025 09:47

Tgt Ion: 75 Resp: 133048
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.6 36.8
 39 50.2 33.6 50.4

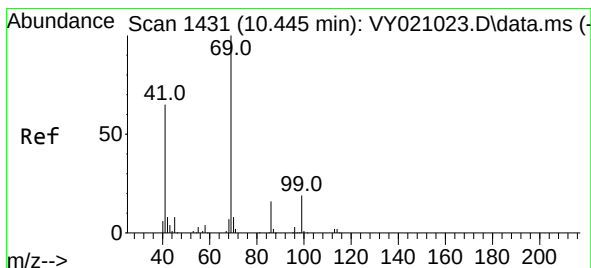
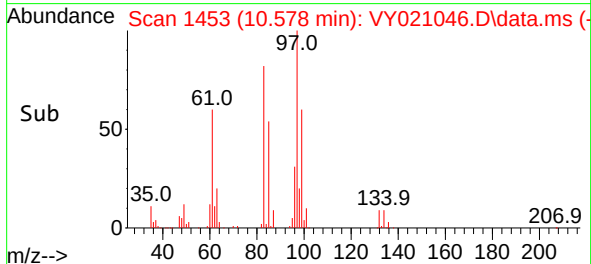
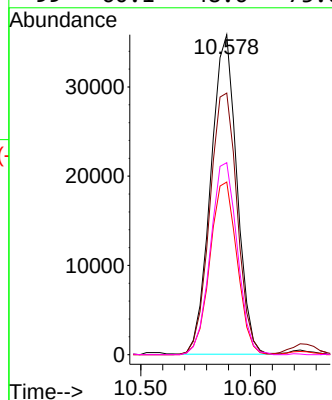
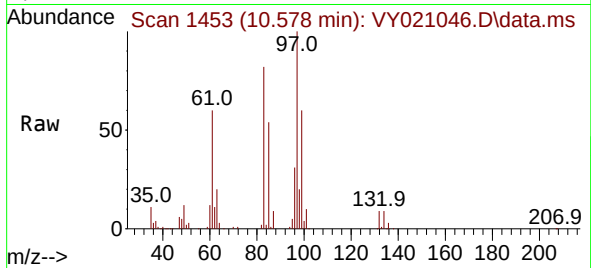




#55
1,1,2-Trichloroethane
Concen: 53.417 ug/l
RT: 10.578 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

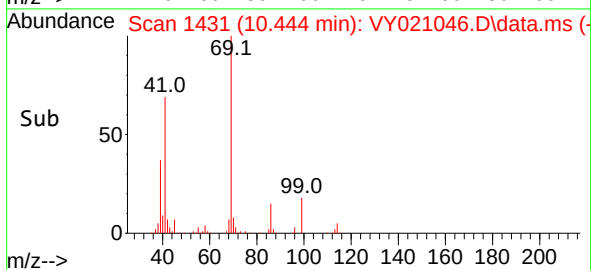
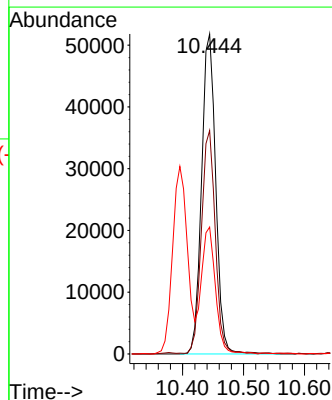
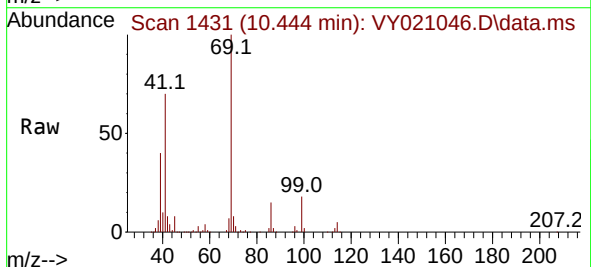
Instrument :
MSVOA_Y
ClientSampleId :

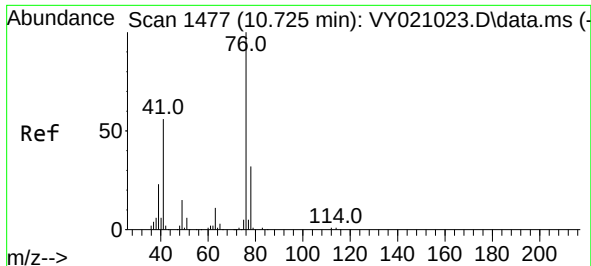
Tgt Ion: 97	Resp: 59199
Ion Ratio	Lower Upper
97 100	
83 81.7	69.4 104.2
85 54.0	43.9 65.9
99 60.1	48.6 73.0



#56
Ethyl methacrylate
Concen: 56.536 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 69	Resp: 83819
Ion Ratio	Lower Upper
69 100	
41 68.3	49.2 73.8
39 39.7	26.8 40.2





#57

1,3-Dichloropropane

Concen: 55.271 ug/l

RT: 10.719 min Scan# 1477

Delta R.T. -0.007 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

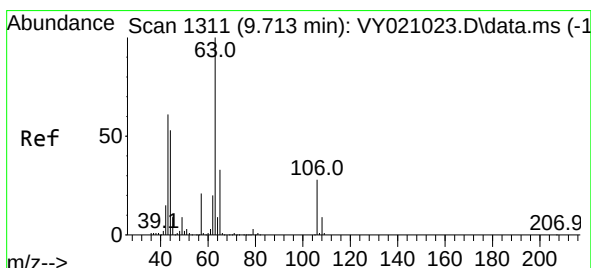
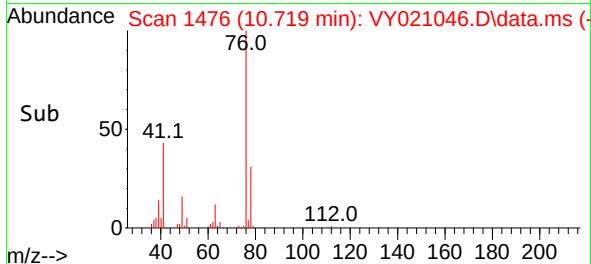
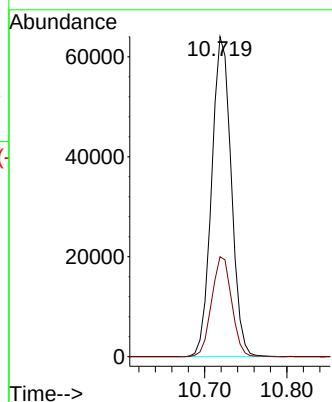
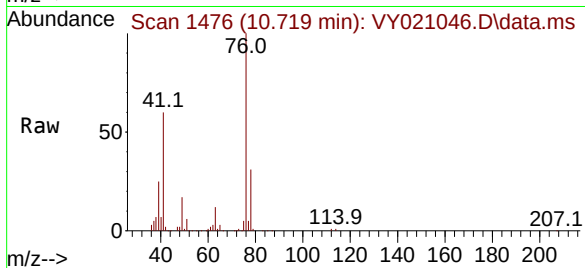
ClientSampleId :

Tgt Ion: 76 Resp: 106023

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 230.818 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021046.D

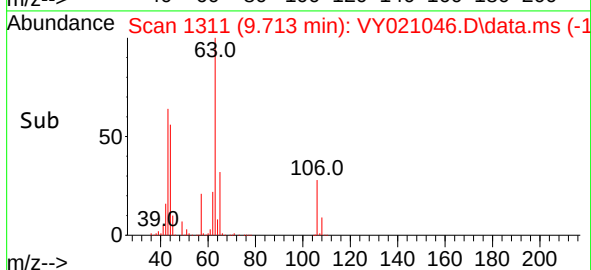
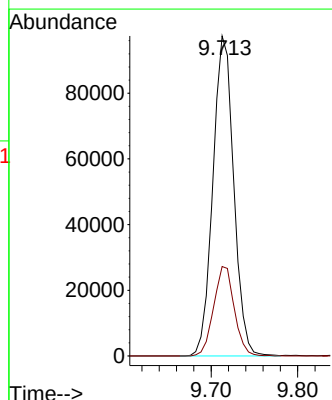
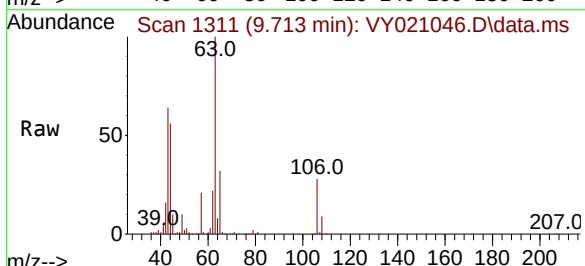
Acq: 04 Feb 2025 09:47

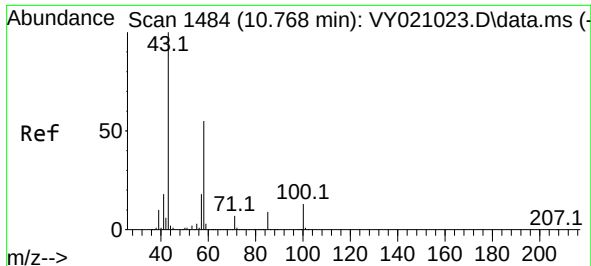
Tgt Ion: 63 Resp: 162803

Ion Ratio Lower Upper

63 100

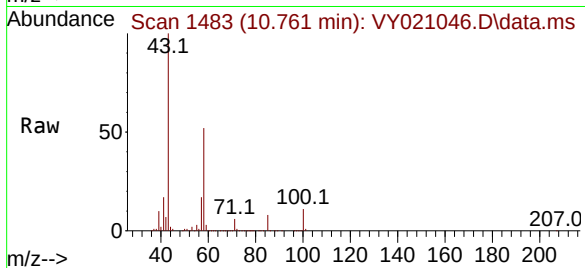
106 27.7 22.4 33.6



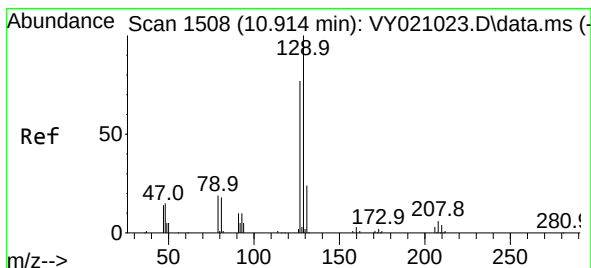
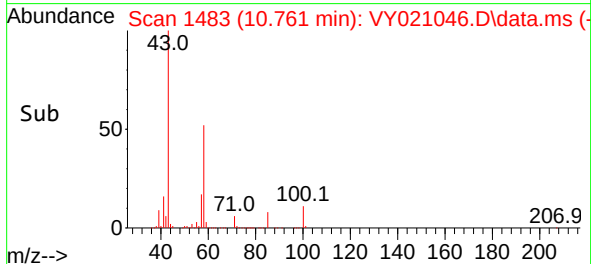
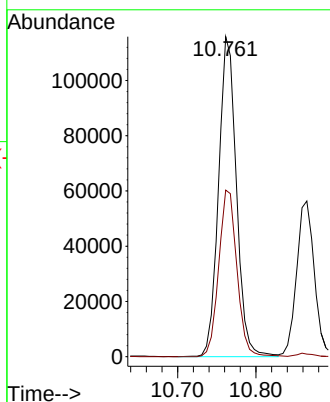


#59
2-Hexanone
Concen: 293.528 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.007 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Instrument :
MSVOA_Y
ClientSampleId :

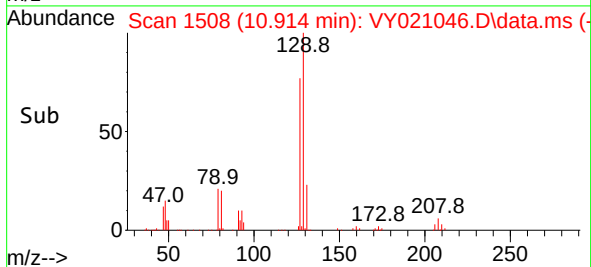
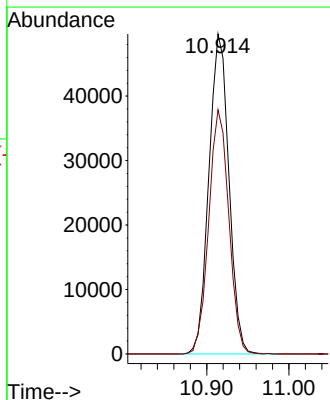
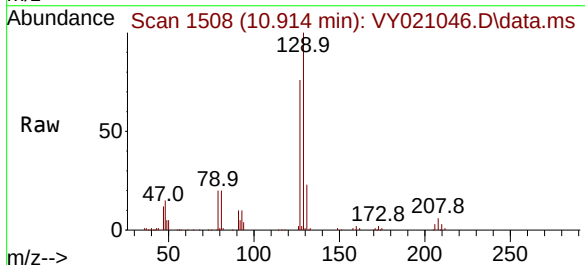


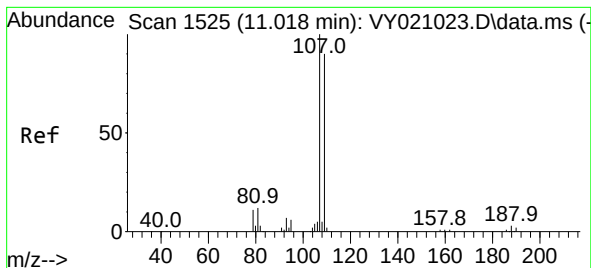
Tgt Ion: 43 Resp: 183839
Ion Ratio Lower Upper
43 100
58 53.1 28.1 84.3



#60
Dibromochloromethane
Concen: 53.995 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 129 Resp: 84035
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6

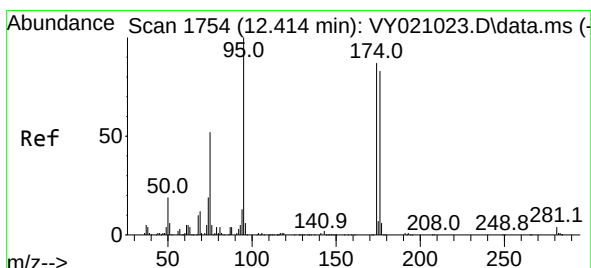
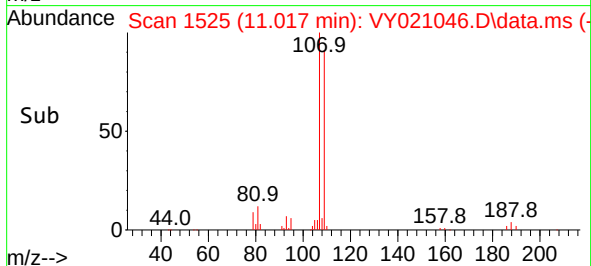
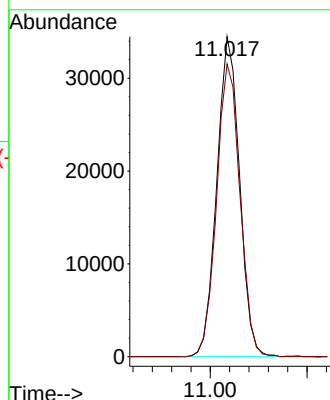
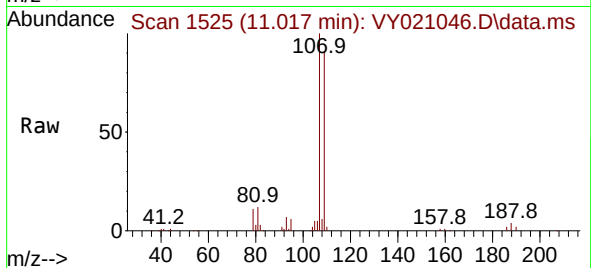




#61
1,2-Dibromoethane
Concen: 54.075 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

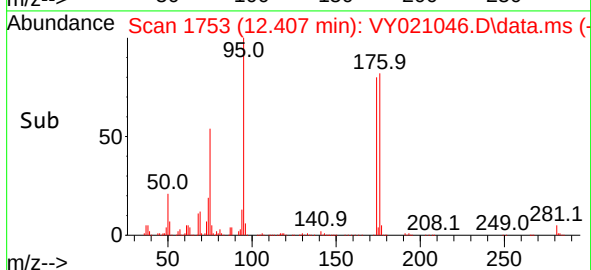
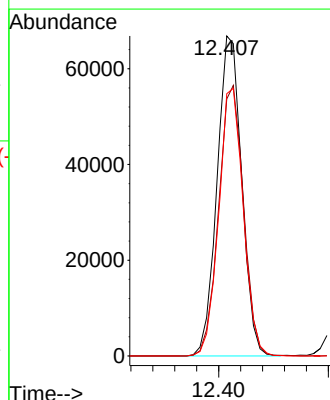
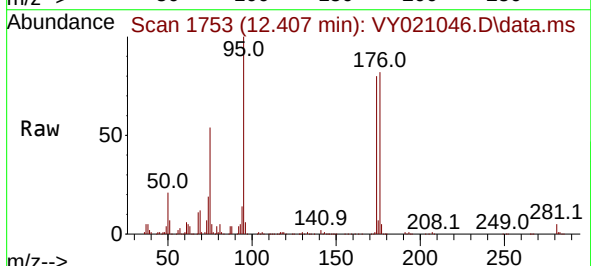
Instrument :
MSVOA_Y
ClientSampleId :

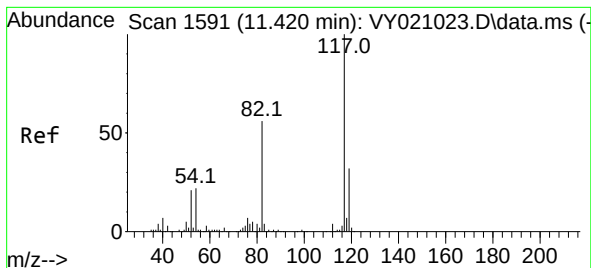
Tgt Ion:107 Resp: 56133
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 55.893 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 95 Resp: 104152
Ion Ratio Lower Upper
95 100
174 85.5 0.0 160.0
176 83.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

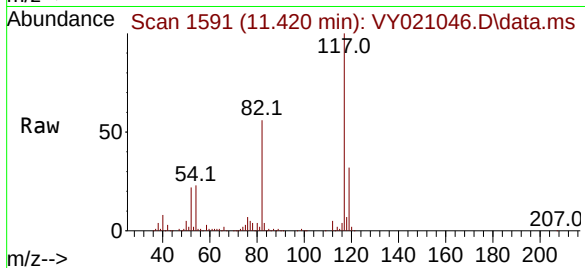
Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

ClientSampleId :



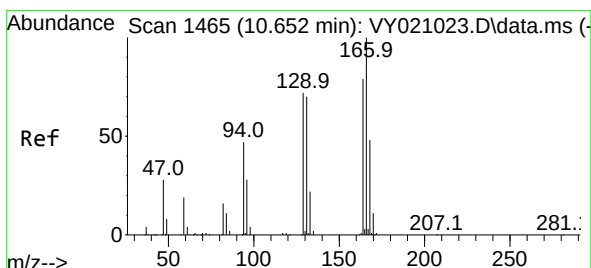
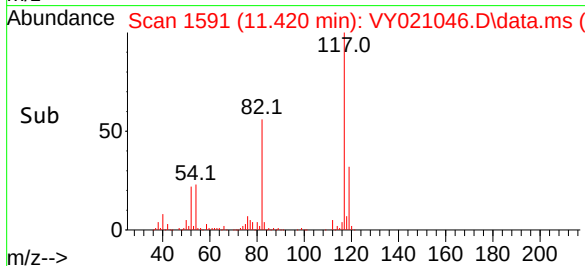
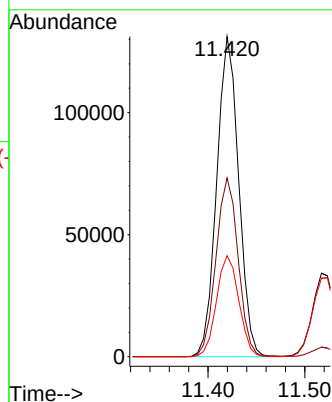
Tgt Ion:117 Resp: 206737

Ion Ratio Lower Upper

117 100

82 55.9 43.8 65.8

119 31.6 26.5 39.7



#64

Tetrachloroethene

Concen: 52.134 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Tgt Ion:164 Resp: 80010

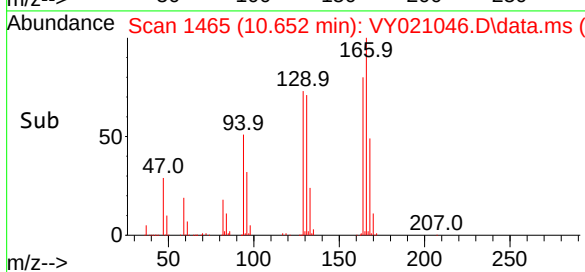
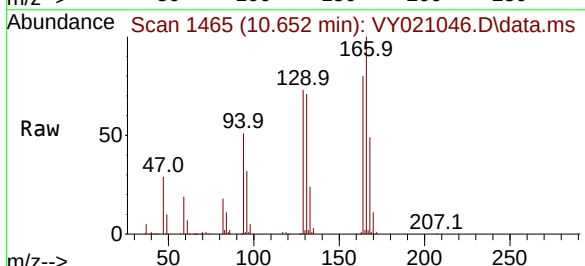
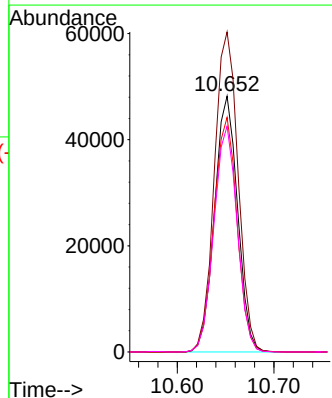
Ion Ratio Lower Upper

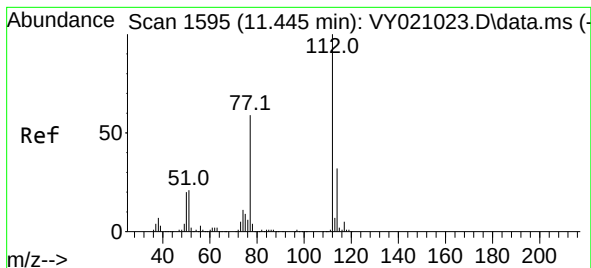
164 100

166 125.1 98.8 148.2

129 91.7 78.9 118.3

131 88.2 72.5 108.7





#65

Chlorobenzene

Concen: 52.034 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

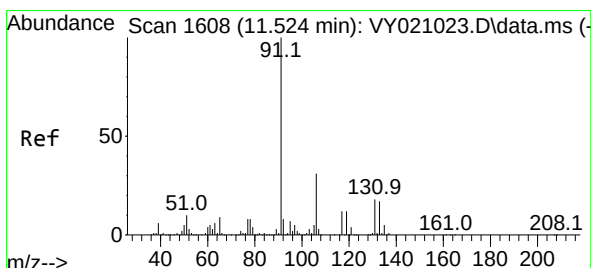
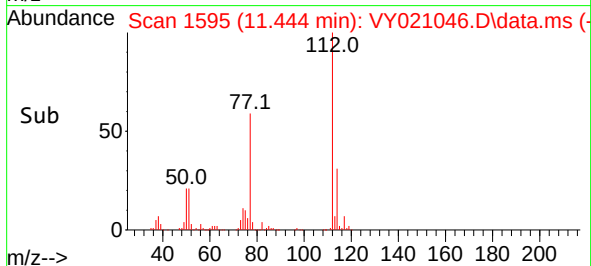
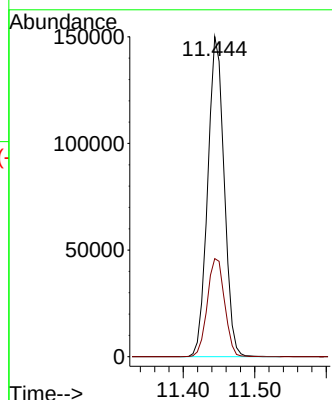
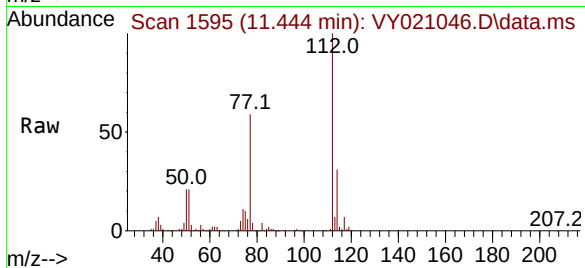
ClientSampleId :

Tgt Ion:112 Resp: 239533

Ion Ratio Lower Upper

112 100

114 30.7 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 52.124 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

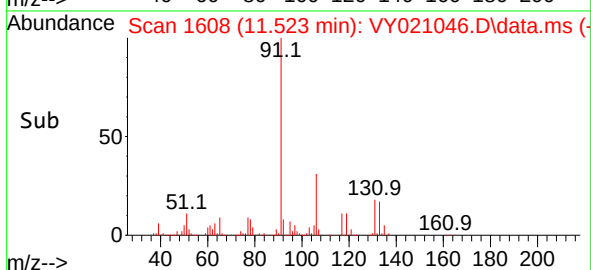
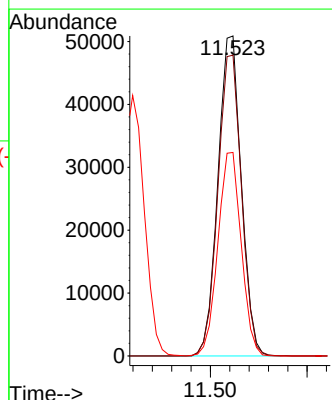
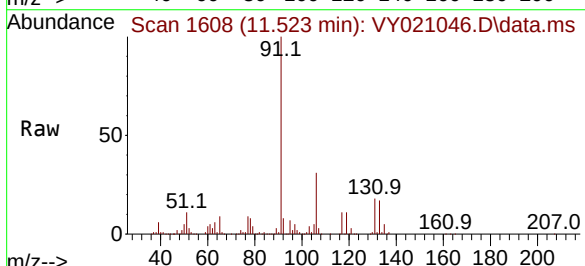
Tgt Ion:131 Resp: 85270

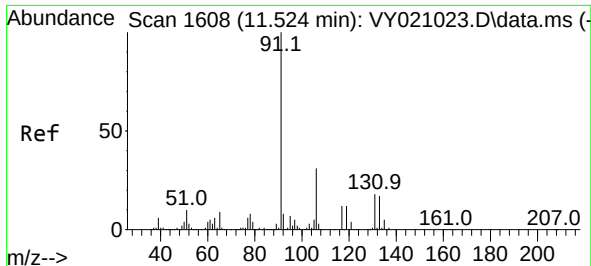
Ion Ratio Lower Upper

131 100

133 94.8 47.0 141.0

119 63.4 33.3 99.9





#67

Ethyl Benzene

Concen: 53.795 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

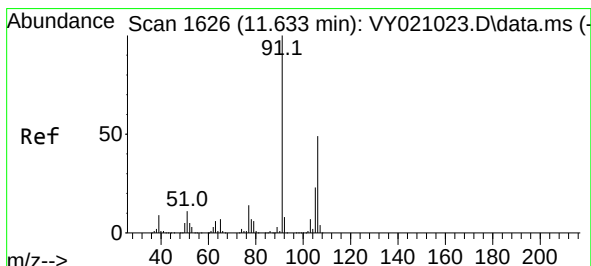
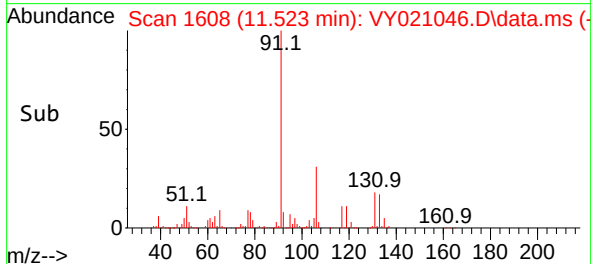
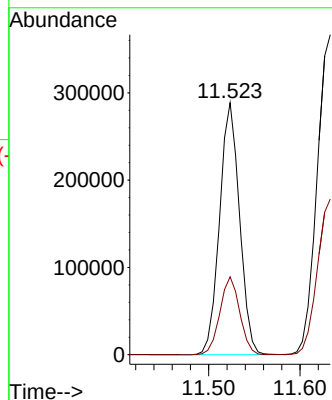
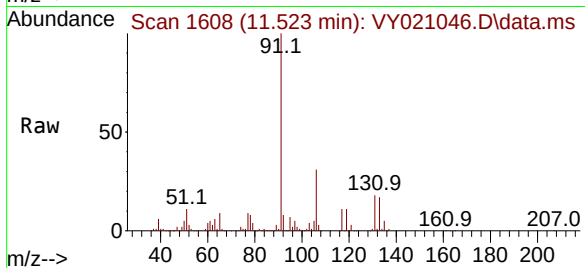
ClientSampleId :

Tgt Ion: 91 Resp: 438006

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 107.665 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021046.D

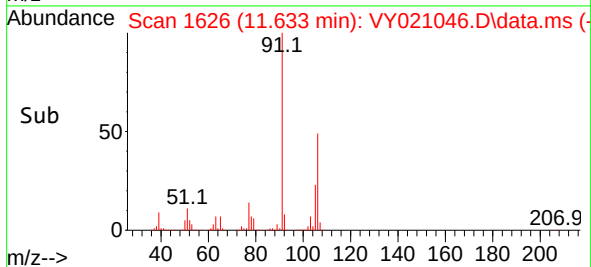
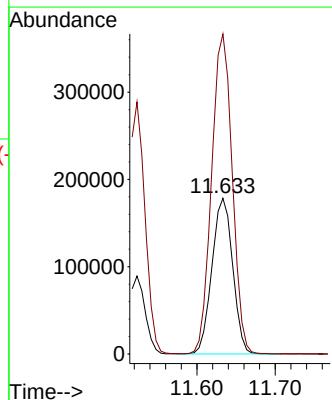
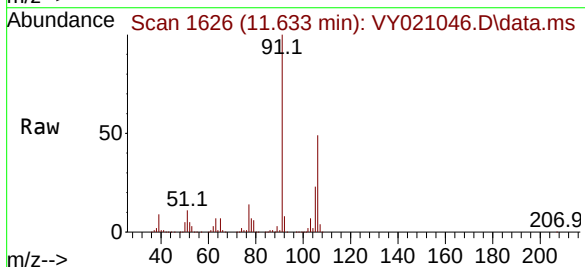
Acq: 04 Feb 2025 09:47

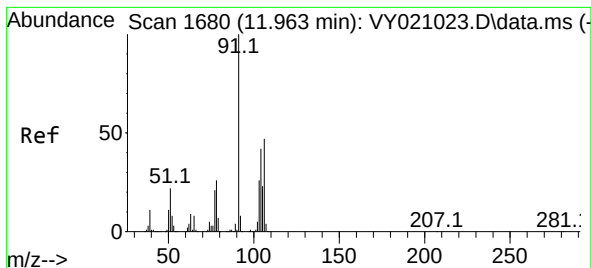
Tgt Ion:106 Resp: 327944

Ion Ratio Lower Upper

106 100

91 204.5 160.7 241.1





#69

o-Xylene

Concen: 54.388 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

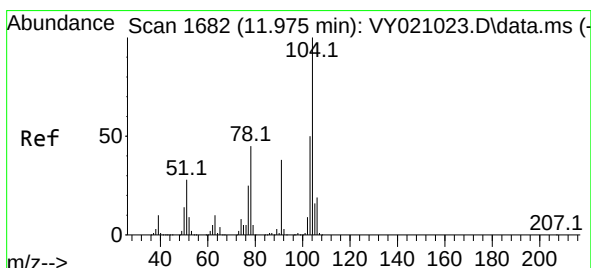
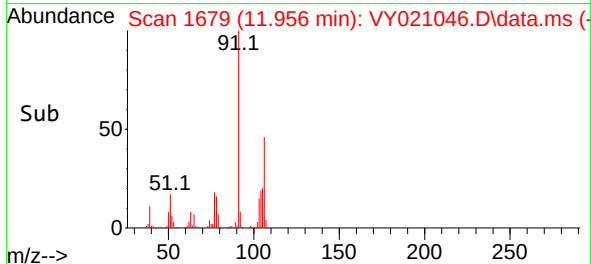
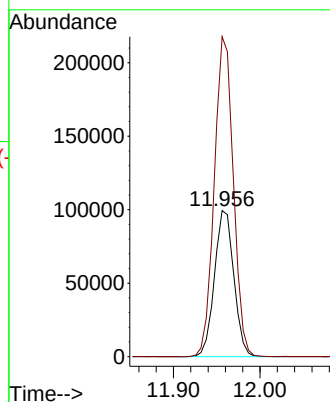
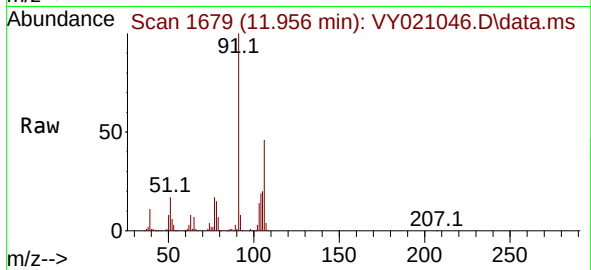
ClientSampleId :

Tgt Ion:106 Resp: 154451

Ion Ratio Lower Upper

106 100

91 215.4 106.5 319.5



#70

Styrene

Concen: 55.088 ug/l

RT: 11.974 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

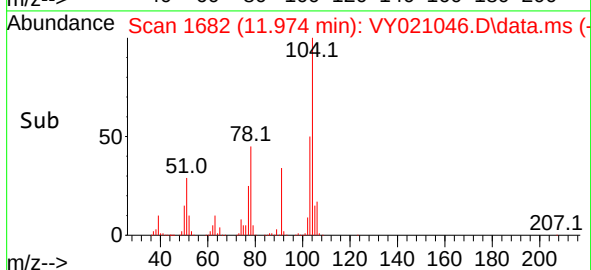
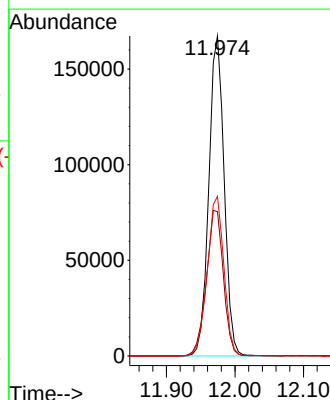
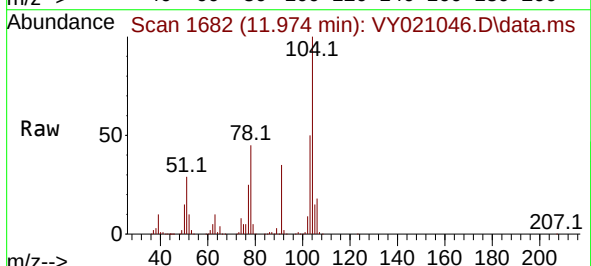
Tgt Ion:104 Resp: 260738

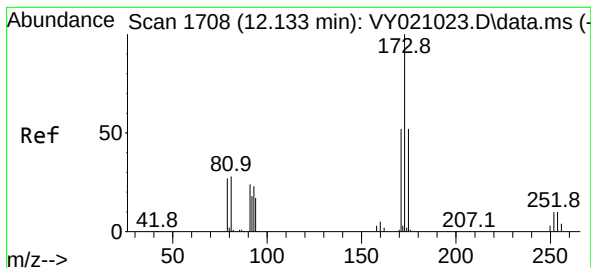
Ion Ratio Lower Upper

104 100

78 50.6 39.2 58.8

103 54.2 43.8 65.6





#71

Bromoform

Concen: 54.488 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

ClientSampleId :

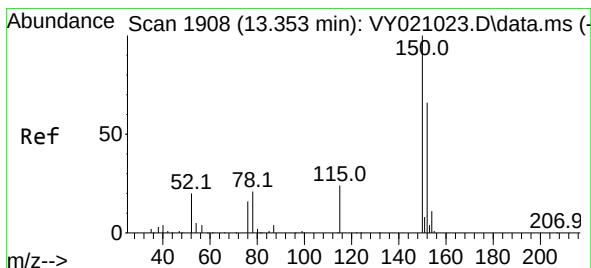
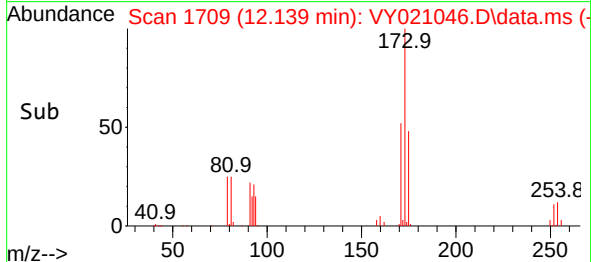
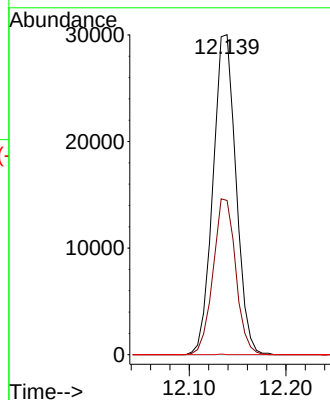
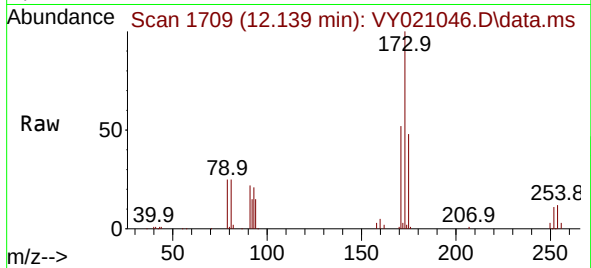
Tgt Ion:173 Resp: 49616

Ion Ratio Lower Upper

173 100

175 47.9 23.5 70.6

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

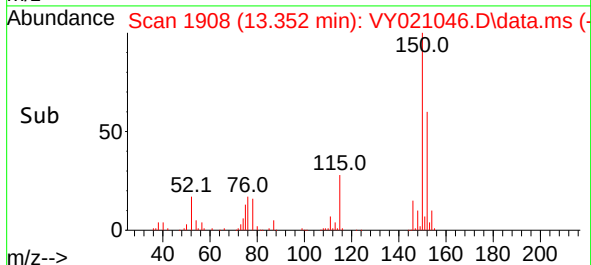
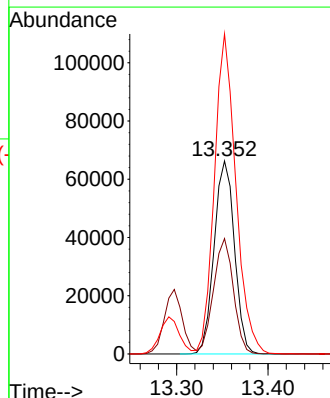
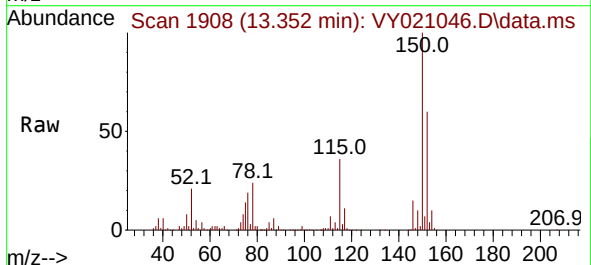
Tgt Ion:152 Resp: 102470

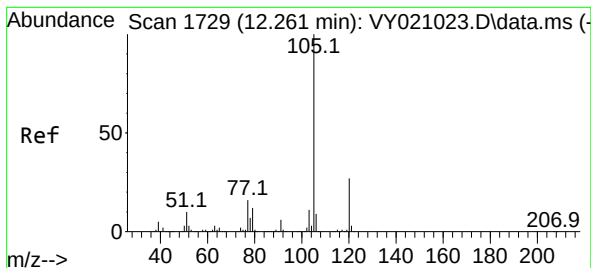
Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 175.6 0.0 344.6





#73

Isopropylbenzene

Concen: 51.892 ug/l

RT: 12.261 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

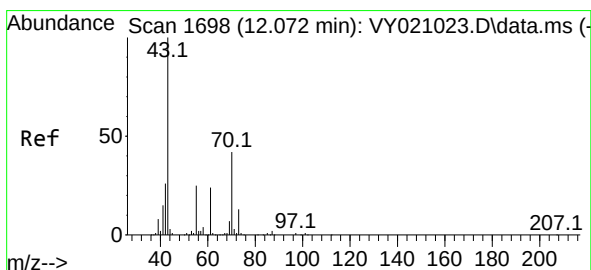
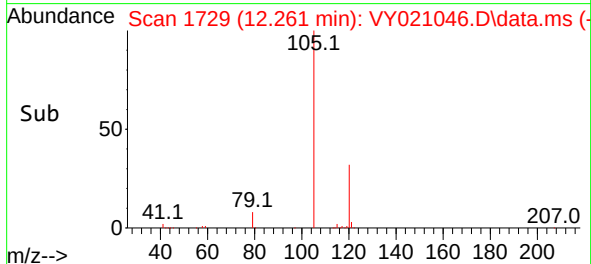
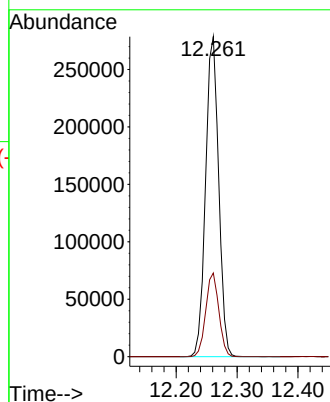
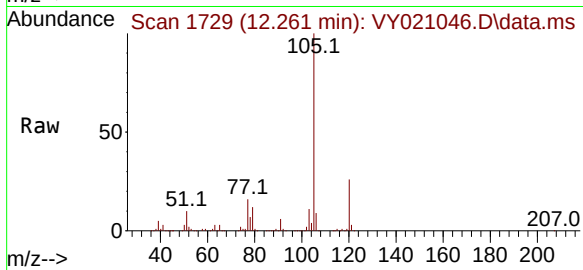
ClientSampleId :

Tgt Ion:105 Resp: 415362

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 54.756 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Tgt Ion: 43 Resp: 95822

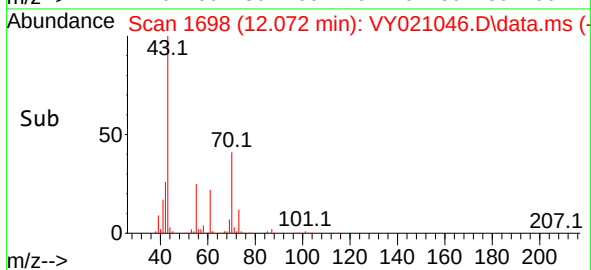
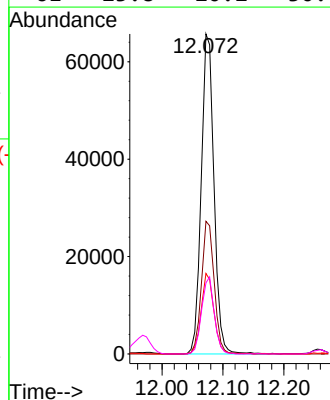
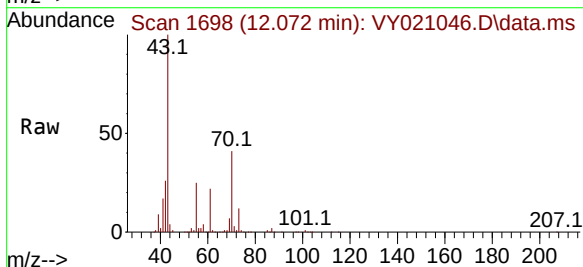
Ion Ratio Lower Upper

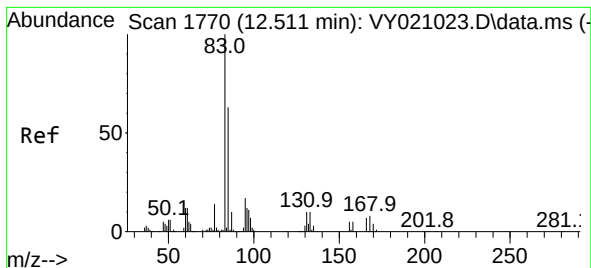
43 100

70 41.4 36.6 55.0

55 25.1 22.2 33.4

61 23.8 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.140 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

ClientSampleId :

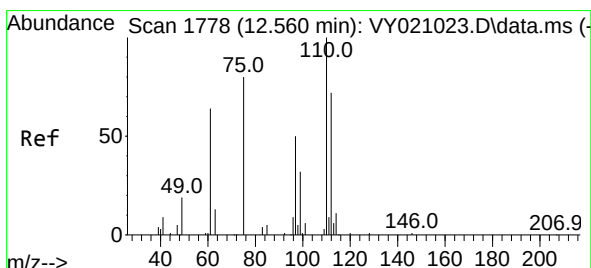
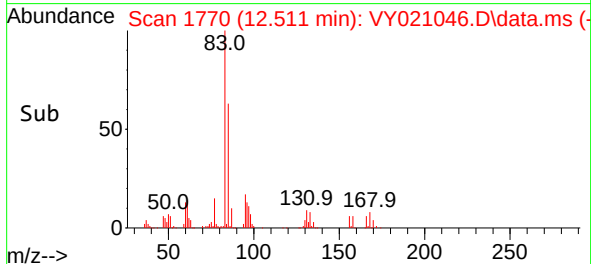
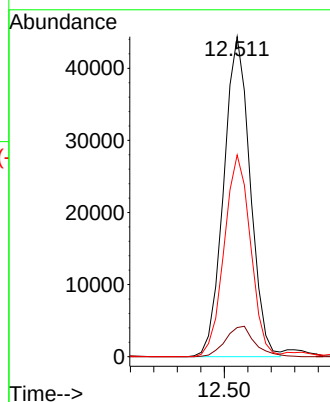
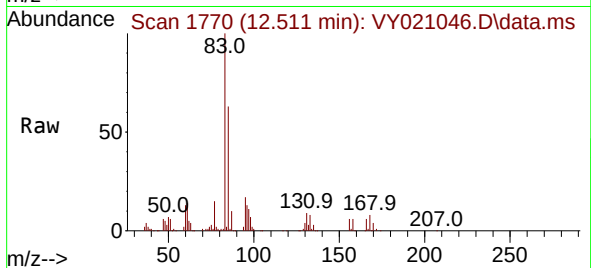
Tgt Ion: 83 Resp: 69410

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.6

85 62.8 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 99.408 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY021046.D

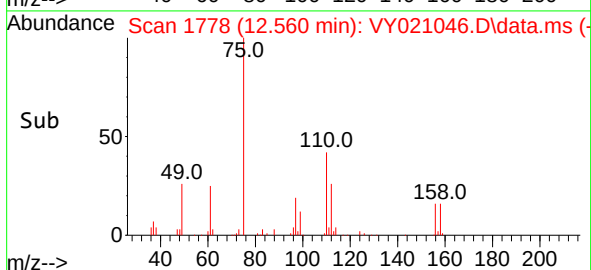
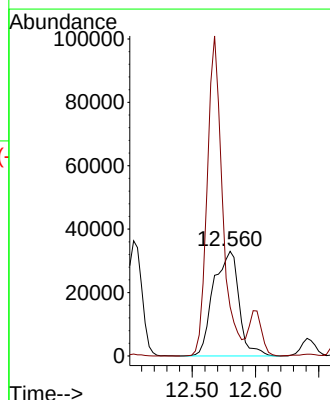
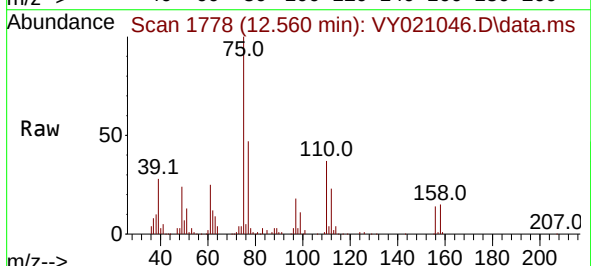
Acq: 04 Feb 2025 09:47

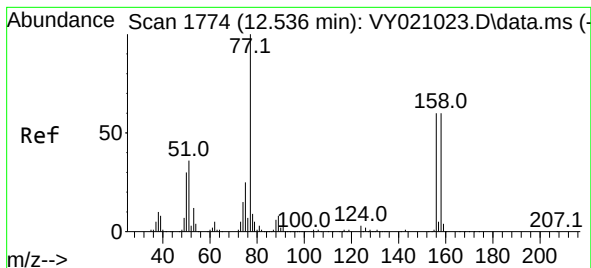
Tgt Ion: 75 Resp: 92403

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.330 ug/l

RT: 12.535 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

ClientSampleId :

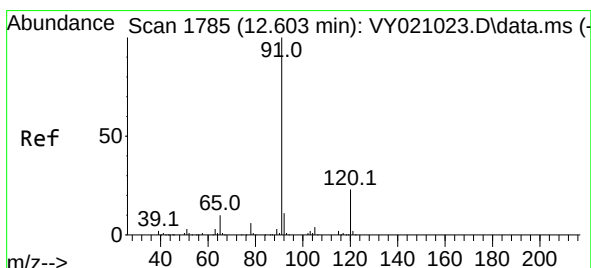
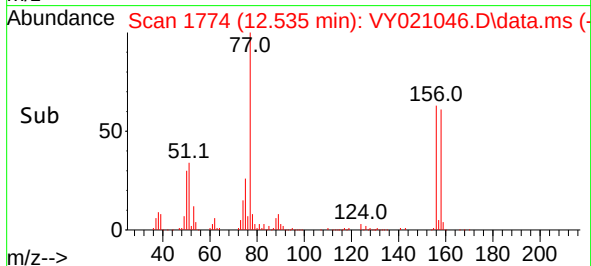
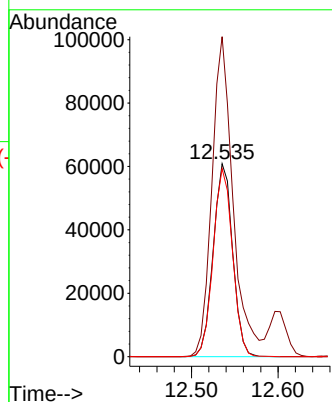
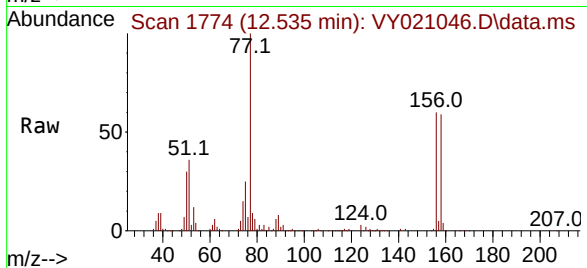
Tgt Ion:156 Resp: 94814

Ion Ratio Lower Upper

156 100

77 179.0 97.3 291.8

158 97.4 48.4 145.0



#78

n-propylbenzene

Concen: 52.792 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.007 min

Lab File: VY021046.D

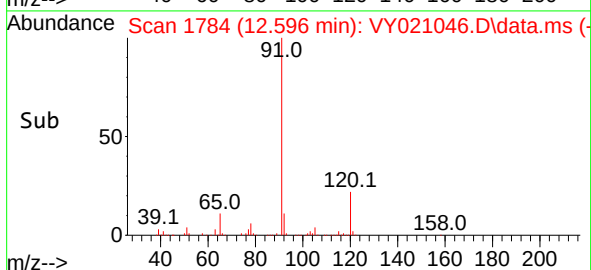
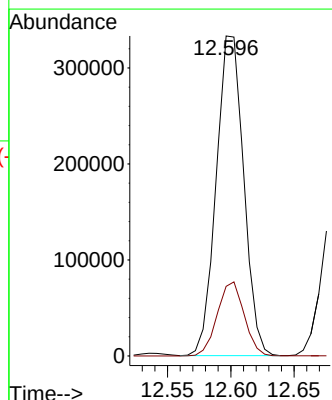
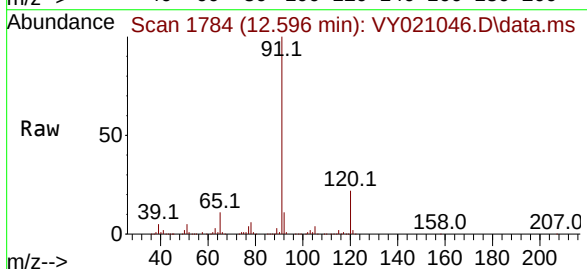
Acq: 04 Feb 2025 09:47

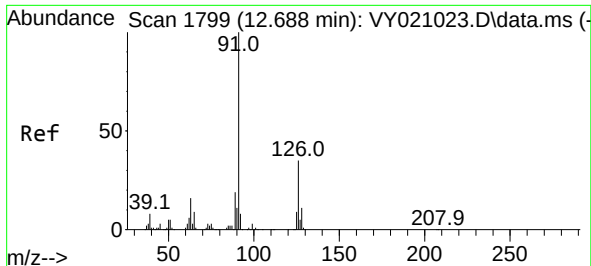
Tgt Ion: 91 Resp: 503375

Ion Ratio Lower Upper

91 100

120 22.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 51.924 ug/l

RT: 12.682 min Scan# 1799

Delta R.T. -0.007 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

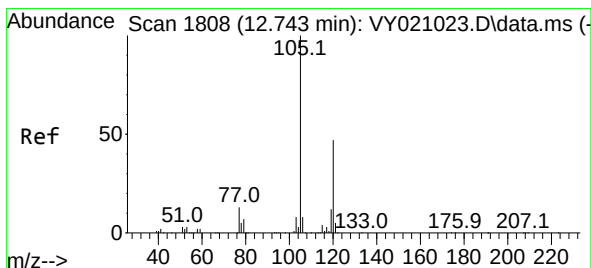
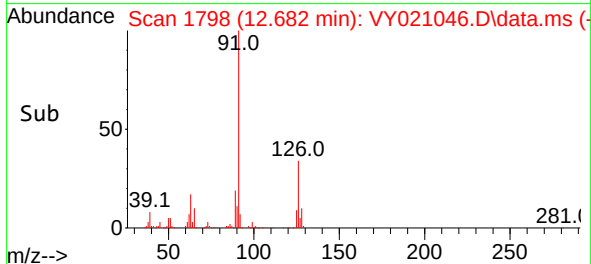
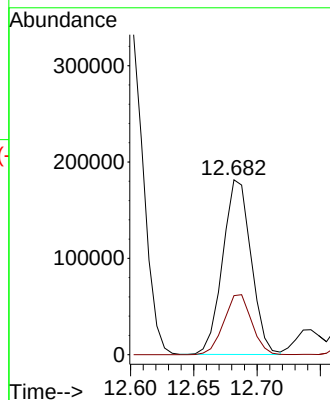
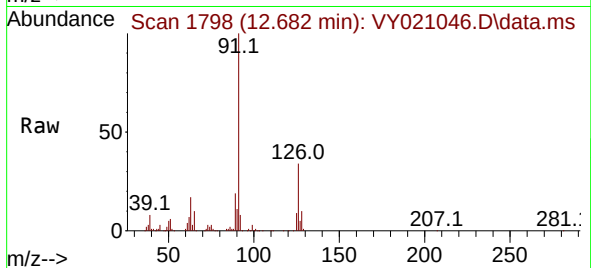
ClientSampleId :

Tgt Ion: 91 Resp: 283562

Ion Ratio Lower Upper

91 100

126 33.7 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 52.986 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY021046.D

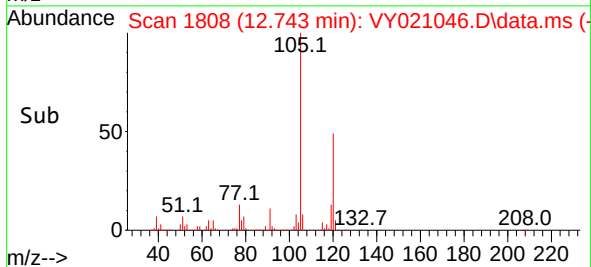
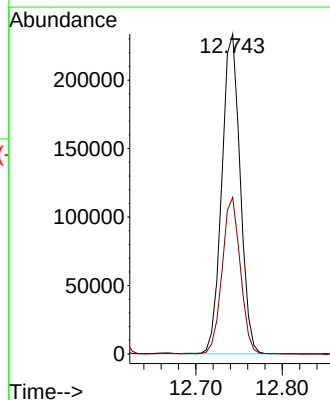
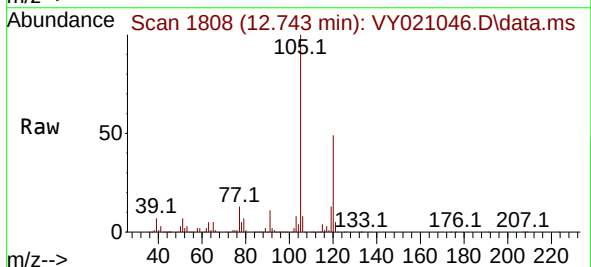
Acq: 04 Feb 2025 09:47

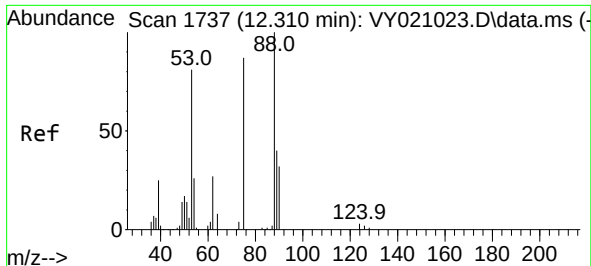
Tgt Ion:105 Resp: 343866

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

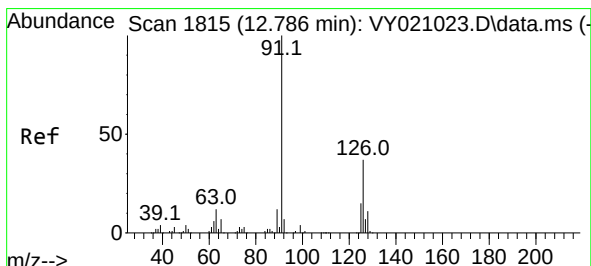
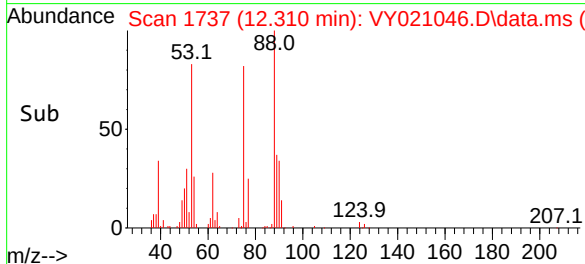
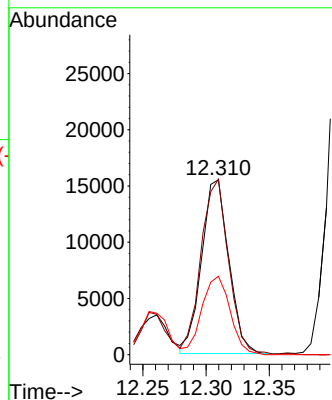
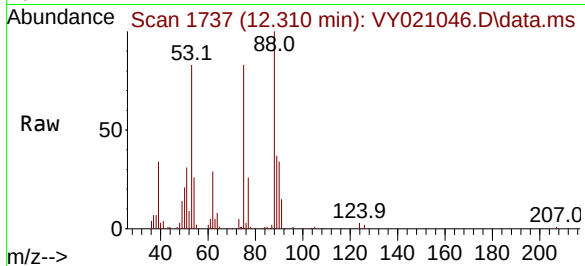




#81
trans-1,4-Dichloro-2-butene
Concen: 50.860 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

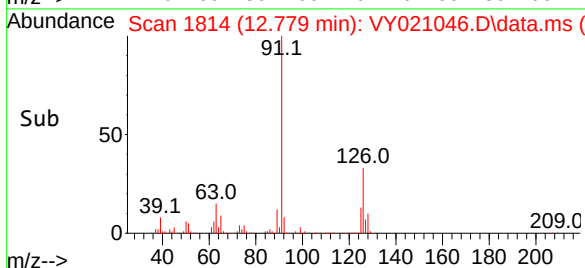
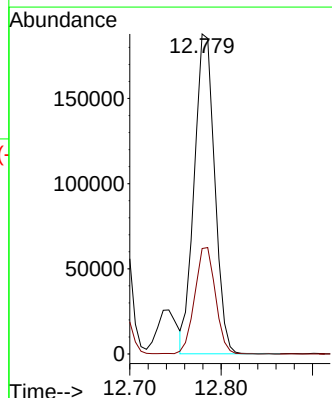
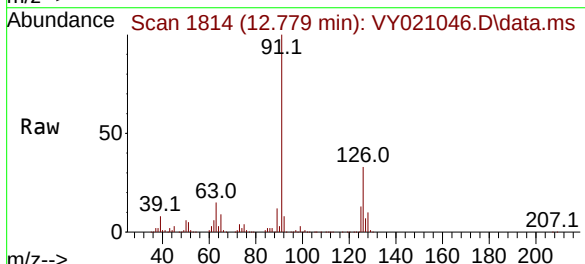
Instrument :
MSVOA_Y
ClientSampleId :

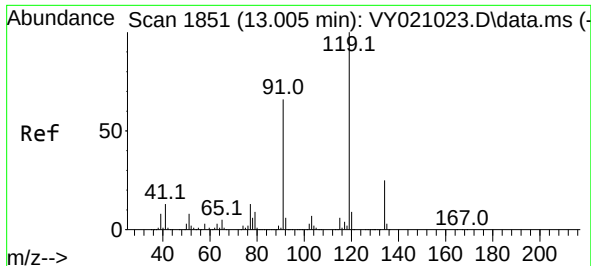
Tgt Ion: 75 Resp: 23169
Ion Ratio Lower Upper
75 100
53 103.0 74.0 111.0
89 47.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 52.316 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.007 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

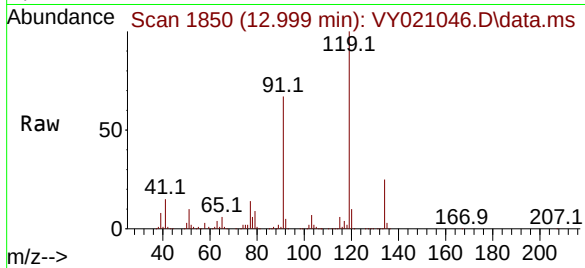
Tgt Ion: 91 Resp: 291090
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2



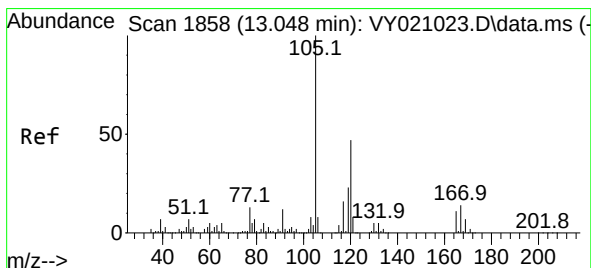
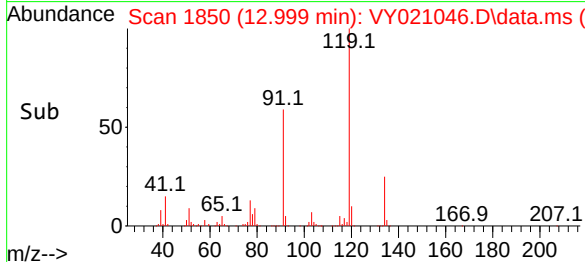
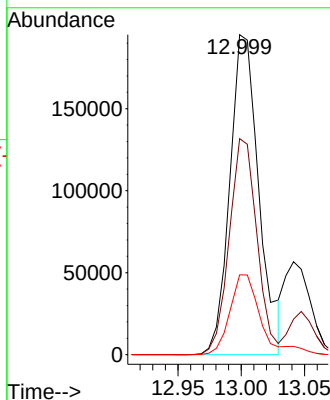


#83
 tert-Butylbenzene
 Concen: 52.997 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. -0.007 min
 Lab File: VY021046.D
 Acq: 04 Feb 2025 09:47

Instrument :
 MSVOA_Y
 ClientSampleId :

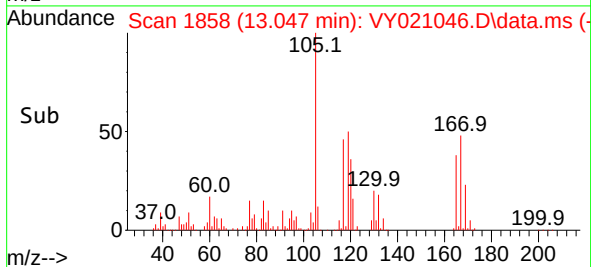
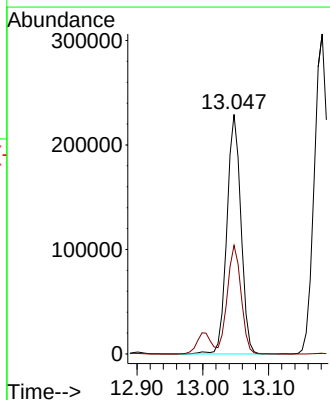
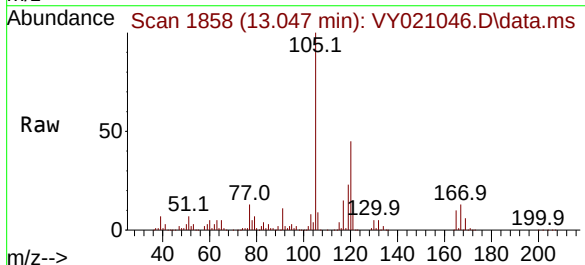


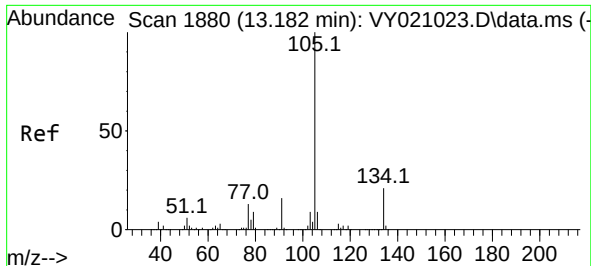
Tgt Ion:119 Resp: 312620
 Ion Ratio Lower Upper
 119 100
 91 64.4 31.5 94.5
 134 26.5 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 53.490 ug/l
 RT: 13.047 min Scan# 1858
 Delta R.T. -0.000 min
 Lab File: VY021046.D
 Acq: 04 Feb 2025 09:47

Tgt Ion:105 Resp: 339419
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.1 66.3

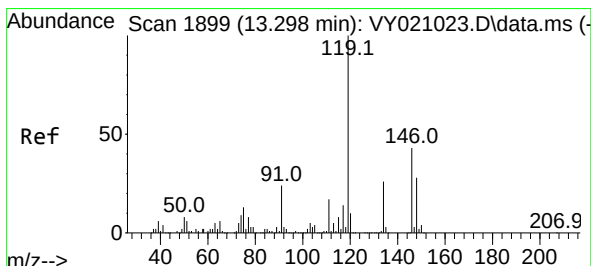
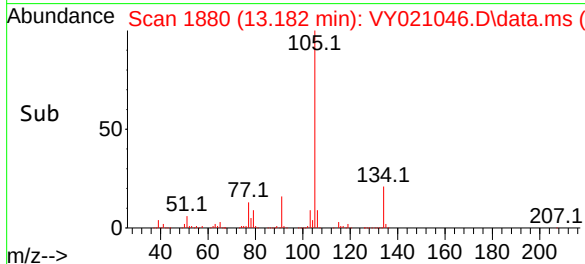
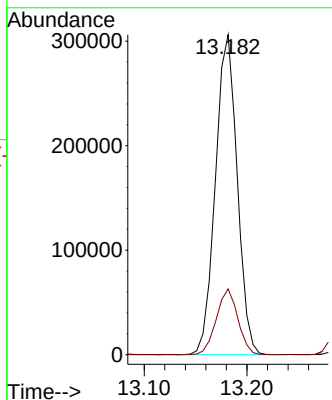
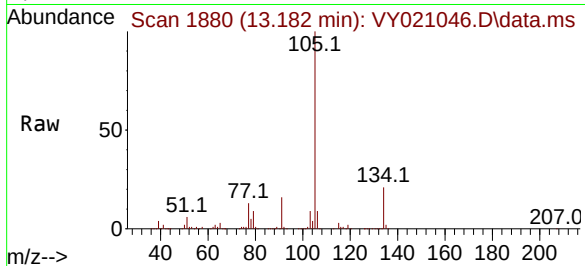




#85
 sec-Butylbenzene
 Concen: 52.886 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY021046.D
 Acq: 04 Feb 2025 09:47

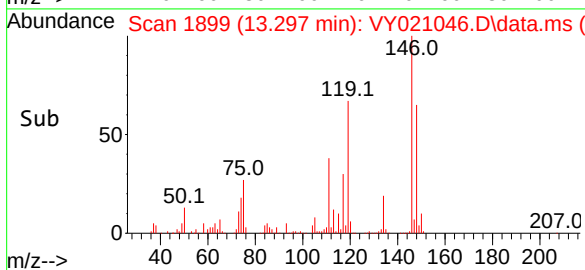
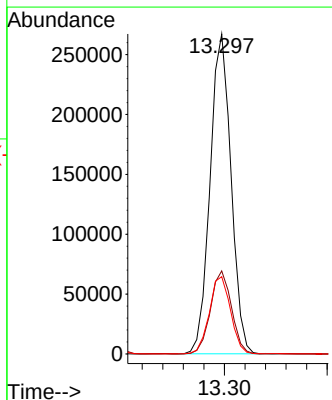
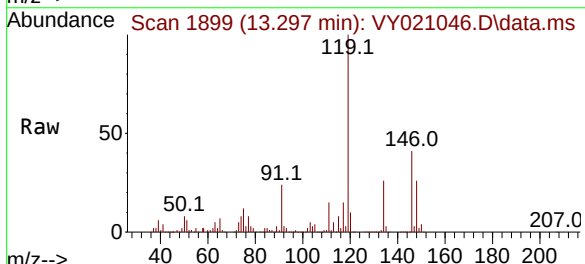
Instrument :
 MSVOA_Y
 ClientSampleId :

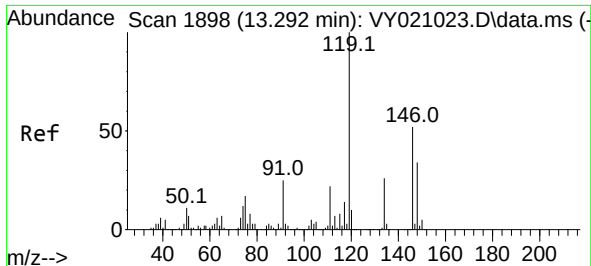
Tgt Ion:105 Resp: 449069
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.511 ug/l
 RT: 13.297 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY021046.D
 Acq: 04 Feb 2025 09:47

Tgt Ion:119 Resp: 377440
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.5 11.7 35.0

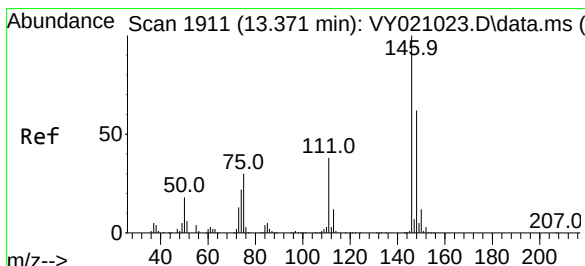
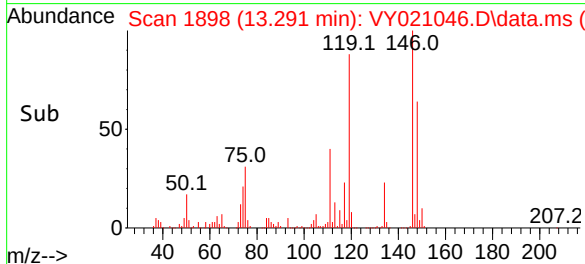
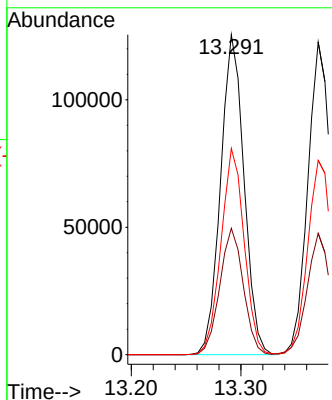
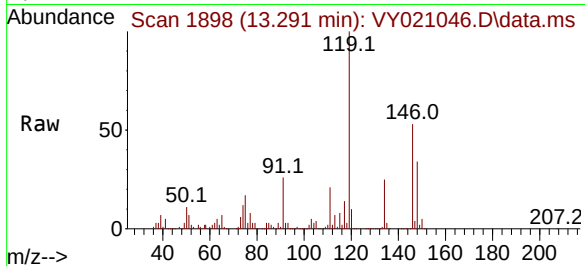




#87
1,3-Dichlorobenzene
Concen: 52.317 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

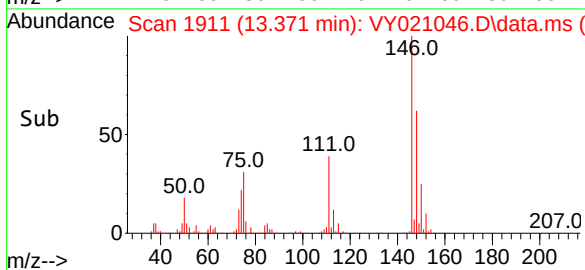
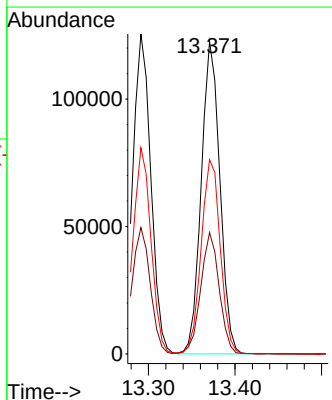
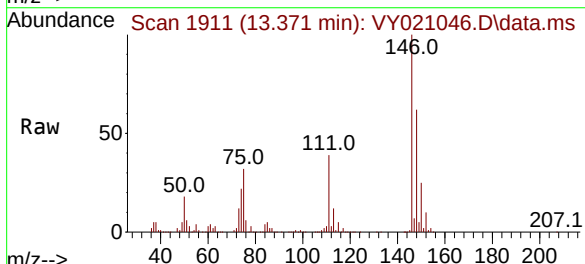
Instrument :
MSVOA_Y
ClientSampleId :

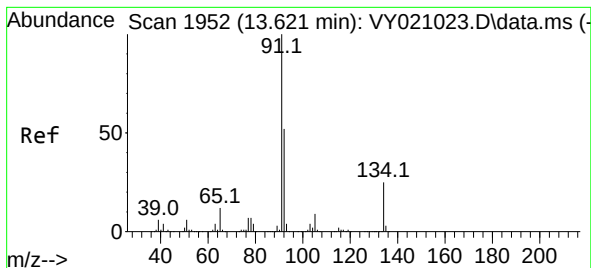
Tgt Ion:146 Resp: 186592
Ion Ratio Lower Upper
146 100
111 39.6 20.2 60.5
148 63.9 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 52.145 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion:146 Resp: 183116
Ion Ratio Lower Upper
146 100
111 38.6 19.3 57.9
148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 54.781 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

ClientSampleId :

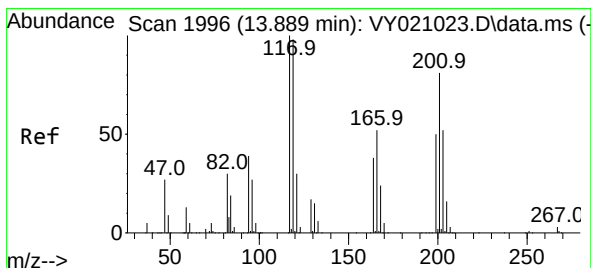
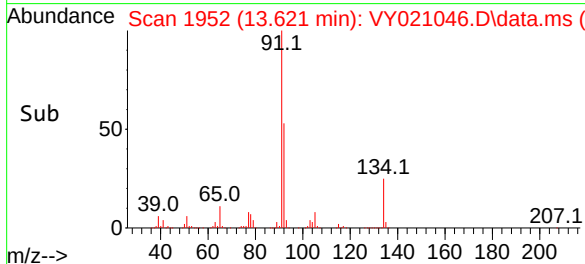
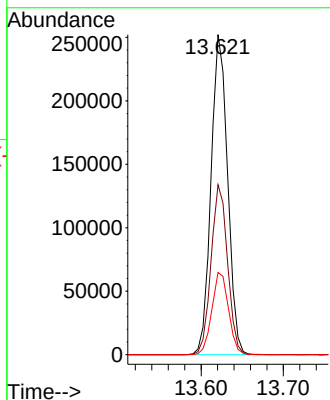
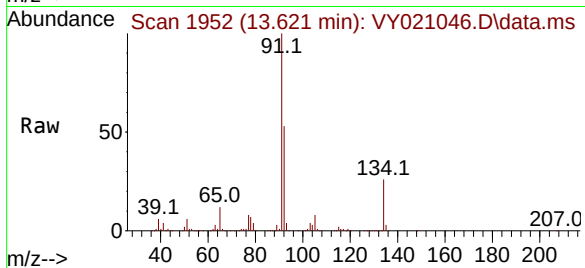
Tgt Ion: 91 Resp: 352502

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 25.9 12.3 36.8



#90

Hexachloroethane

Concen: 52.092 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.007 min

Lab File: VY021046.D

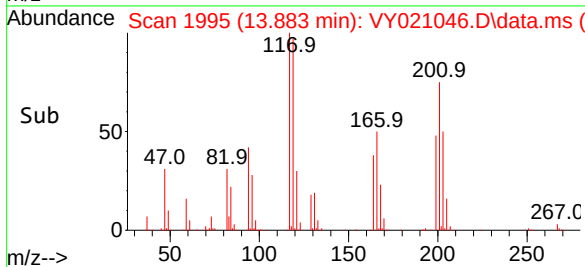
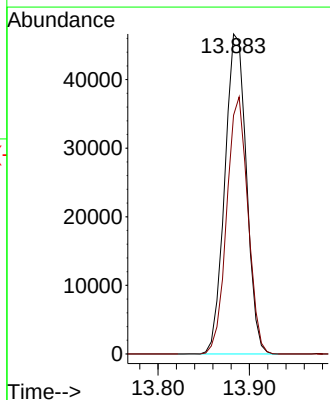
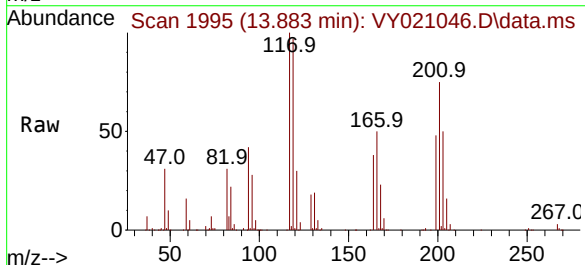
Acq: 04 Feb 2025 09:47

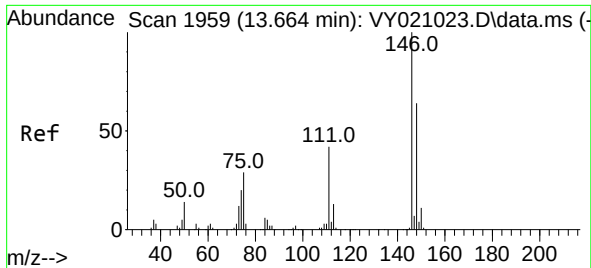
Tgt Ion: 117 Resp: 76651

Ion Ratio Lower Upper

117 100

201 78.6 33.4 100.1

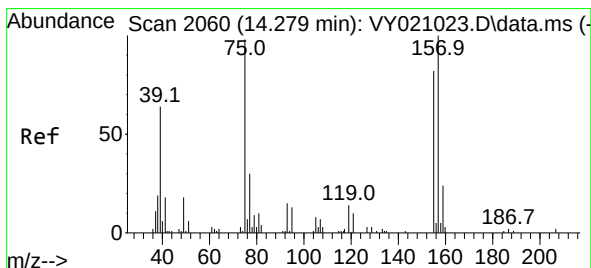
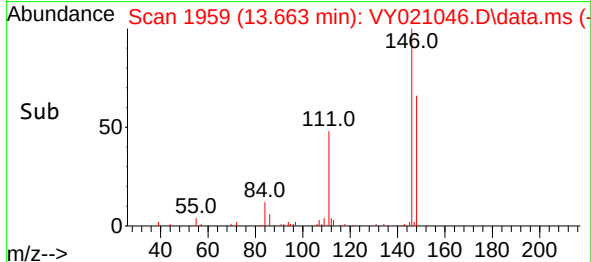
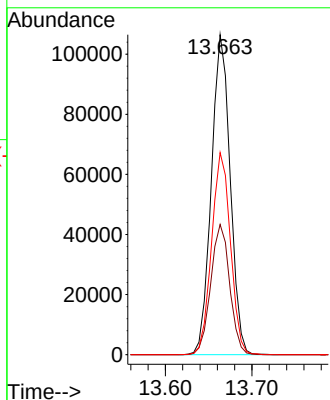
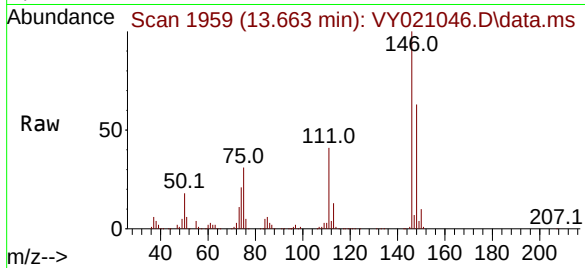




#91
1,2-Dichlorobenzene
Concen: 51.907 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

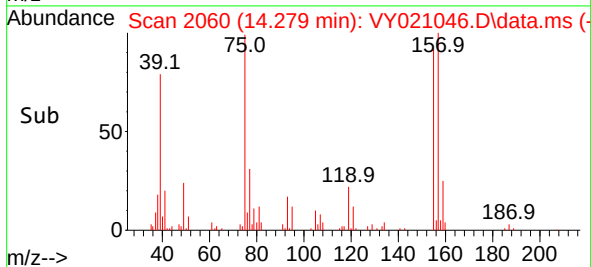
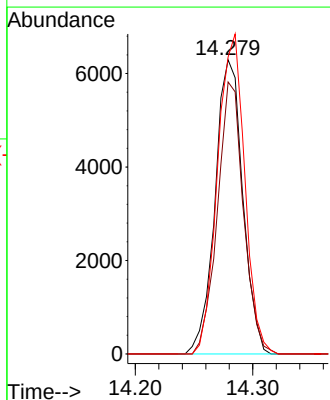
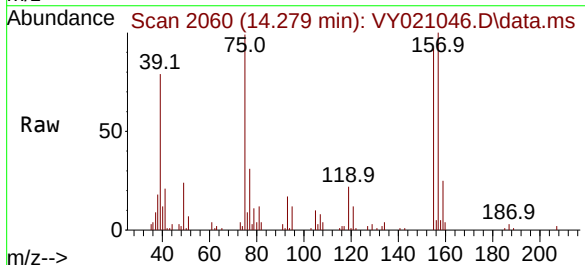
Instrument :
MSVOA_Y
ClientSampleId :

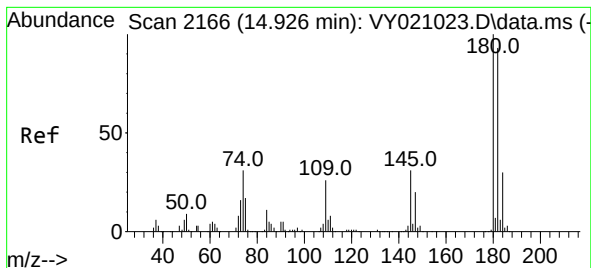
Tgt Ion:146 Resp: 160683
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.6
148 63.4 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.897 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VY021046.D
Acq: 04 Feb 2025 09:47

Tgt Ion: 75 Resp: 10324
Ion Ratio Lower Upper
75 100
155 87.0 42.1 126.3
157 106.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 55.414 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

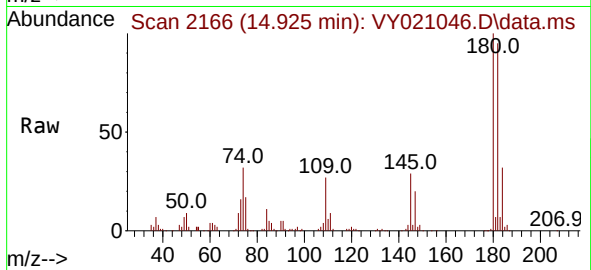
Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

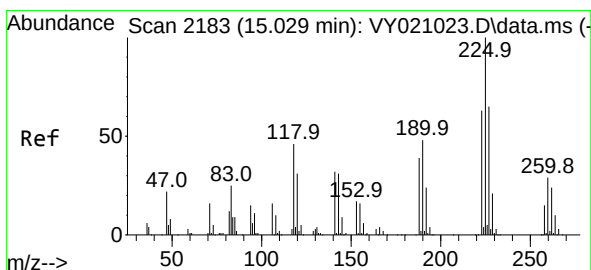
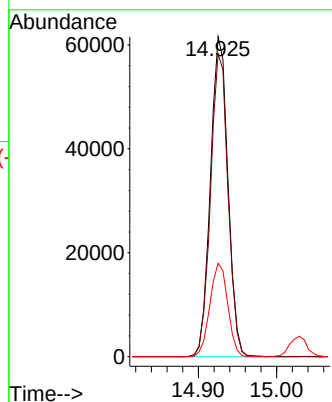
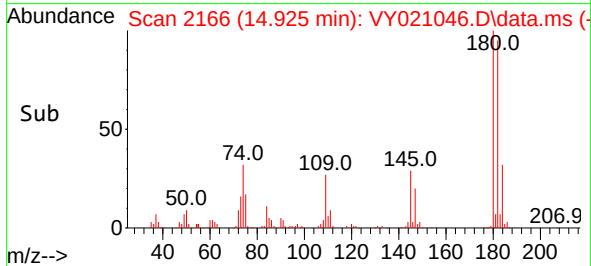
MSVOA_Y

ClientSampleId :



Tgt Ion:180 Resp: 95483

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.9	143.7
145	29.7	15.9	47.7



#94

Hexachlorobutadiene

Concen: 53.663 ug/l

RT: 15.029 min Scan# 2183

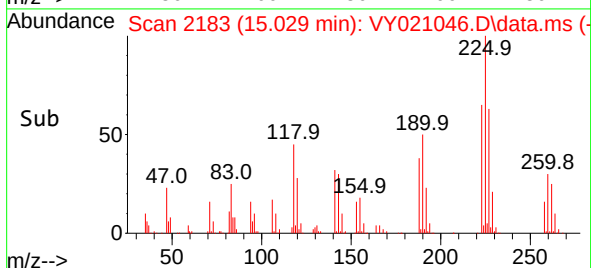
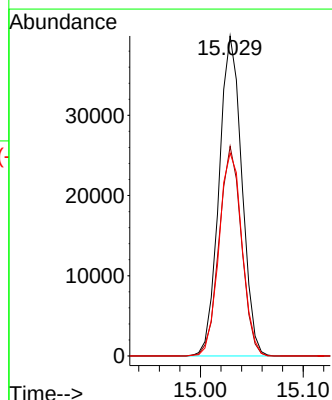
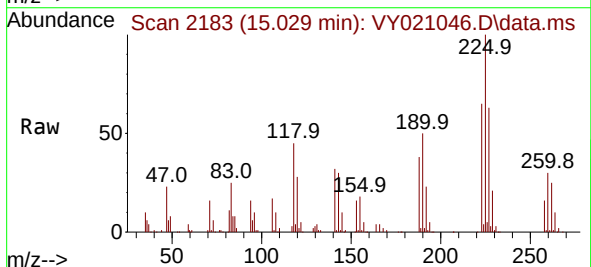
Delta R.T. -0.000 min

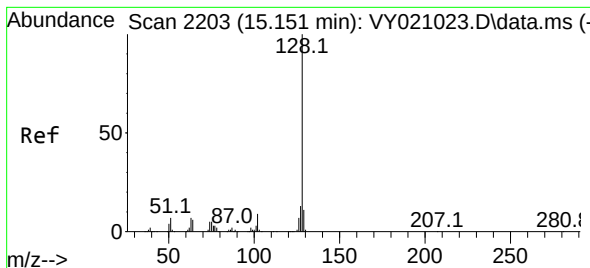
Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Tgt Ion:225 Resp: 61275

Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.4	94.3
227	64.2	32.3	96.8





#95

Naphthalene

Concen: 56.026 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Instrument :

MSVOA_Y

ClientSampleId :

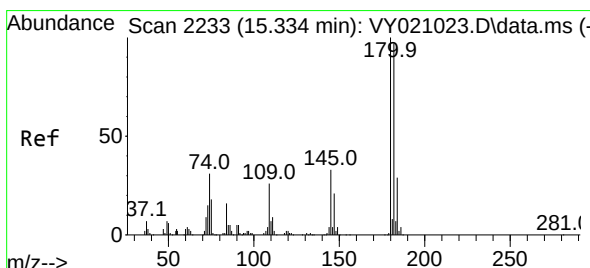
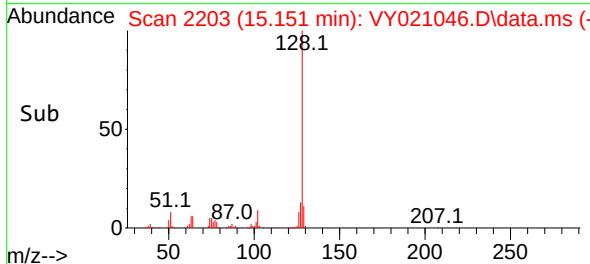
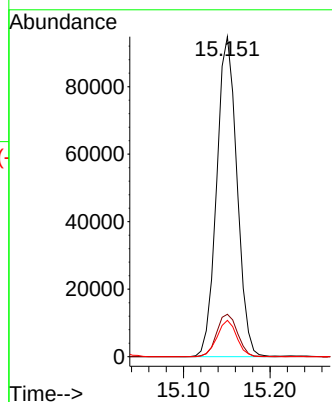
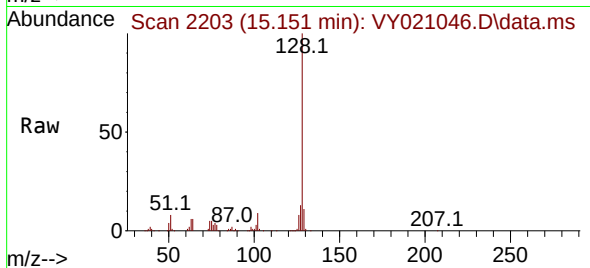
Tgt Ion:128 Resp: 154449

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 55.491 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY021046.D

Acq: 04 Feb 2025 09:47

Tgt Ion:180 Resp: 79572

Ion Ratio Lower Upper

180 100

182 94.7 46.3 138.8

145 31.1 16.1 48.2

