

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022025\
 Data File : VY021271.D
 Acq On : 20 Feb 2025 23:43
 Operator : SY/MD
 Sample : Q1380-07MS
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 21 02:49:30 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	7.719	168	76913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	116618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	94467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	39201	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	40587	51.504	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.000%	
35) Dibromofluoromethane	7.646	113	37728	50.481	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.960%	
50) Toluene-d8	10.115	98	134013	47.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.200%	
62) 4-Bromofluorobenzene	12.414	95	40765	43.855	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	45311	66.098	ug/l	97
3) Chloromethane	2.074	50	45812	67.725	ug/l	100
4) Vinyl Chloride	2.214	62	50485	74.149	ug/l	97
5) Bromomethane	2.610	94	29083	69.111	ug/l	93
6) Chloroethane	2.751	64	31528	77.789	ug/l	97
7) Trichlorofluoromethane	3.074	101	90267	72.771	ug/l	99
8) Diethyl Ether	3.470	74	24258	62.645	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.830	101	55546	71.349	ug/l	96
10) Methyl Iodide	4.025	142	49398	57.114	ug/l	93
11) Tert butyl alcohol	4.884	59	12444	233.027	ug/l #	91
12) 1,1-Dichloroethene	3.805	96	49166	67.043	ug/l	93
13) Acrolein	3.665	56	11368	138.243	ug/l	98
14) Allyl chloride	4.403	41	81153	65.660	ug/l	93
15) Acrylonitrile	5.080	53	55348	343.245	ug/l	98
16) Acetone	3.879	43	45549	370.641	ug/l	90
17) Carbon Disulfide	4.122	76	133453	58.033	ug/l	100
18) Methyl Acetate	4.403	43	32411	75.129	ug/l	95
19) Methyl tert-butyl Ether	5.128	73	119868	64.669	ug/l	98
20) Methylene Chloride	4.628	84	51591	67.530	ug/l	94
21) trans-1,2-Dichloroethene	5.134	96	49252	61.013	ug/l	91
22) Diisopropyl ether	6.037	45	177571	69.703	ug/l	96
23) Vinyl Acetate	5.976	43	480228	338.150	ug/l	97
24) 1,1-Dichloroethane	5.933	63	99487	66.654	ug/l	100
25) 2-Butanone	6.908	43	66481	329.203	ug/l	99
26) 2,2-Dichloropropane	6.902	77	89515	64.816	ug/l	97
27) cis-1,2-Dichloroethene	6.902	96	58397	62.850	ug/l	92
28) Bromochloromethane	7.256	49	34941	59.201	ug/l	96
29) Tetrahydrofuran	7.268	42	44331	324.414	ug/l	92
30) Chloroform	7.433	83	101444	66.169	ug/l	98
31) Cyclohexane	7.719	56	81196	60.409	ug/l	94
32) 1,1,1-Trichloroethane	7.634	97	96554	67.739	ug/l	99
36) 1,1-Dichloropropene	7.847	75	73867	66.728	ug/l	98
37) Ethyl Acetate	6.994	43	32719	67.376	ug/l	98
38) Carbon Tetrachloride	7.835	117	87730	67.826	ug/l	99
39) Methylcyclohexane	9.115	83	72789	53.757	ug/l	93
40) Benzene	8.091	78	215186	66.240	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	19172	68.240	ug/l	95
42) 1,2-Dichloroethane	8.170	62	61976	68.773	ug/l	97
43) Isopropyl Acetate	8.207	43	64883	67.240	ug/l	97
44) Trichloroethene	8.872	130	51366	61.201	ug/l	95
45) 1,2-Dichloropropane	9.152	63	52124	67.601	ug/l	100
46) Dibromomethane	9.243	93	28370	66.453	ug/l	97
47) Bromodichloromethane	9.432	83	76897	67.161	ug/l	98
48) Methyl methacrylate	9.231	41	29410	66.911	ug/l	91
49) 1,4-Dioxane	9.243	88	5261	1323.764	ug/l #	86
51) 4-Methyl-2-Pentanone	10.005	43	161538	332.905	ug/l	95
52) Toluene	10.182	92	128421	62.958	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	65157	63.377	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	74737	61.397	ug/l #	90
55) 1,1,2-Trichloroethane	10.579	97	37800	68.375	ug/l	97
56) Ethyl methacrylate	10.444	69	46866	63.370	ug/l	87
57) 1,3-Dichloropropane	10.725	76	65496	68.447	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	3906	11.101	ug/l	97
59) 2-Hexanone	10.768	43	102181	327.057	ug/l	93
60) Dibromochloromethane	10.920	129	49938	64.323	ug/l	99
61) 1,2-Dibromoethane	11.024	107	33096	63.914	ug/l	100
64) Tetrachloroethene	10.658	164	42092	60.022	ug/l	96
65) Chlorobenzene	11.450	112	128853	61.257	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.524	131	49839	66.673	ug/l	97
67) Ethyl Benzene	11.530	91	226825	60.967	ug/l	99
68) m/p-Xylenes	11.633	106	164941	118.507	ug/l	97
69) o-Xylene	11.962	106	79391	61.181	ug/l	97
70) Styrene	11.975	104	89450	41.359	ug/l	92
71) Bromoform	12.139	173	27322	65.665	ug/l #	97
73) Isopropylbenzene	12.261	105	198421	64.798	ug/l	100
74) N-amyl acetate	12.078	43	51302	76.630	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.511	83	40696	79.910	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	49885	140.283	ug/l #	100
77) Bromobenzene	12.542	156	45754	64.749	ug/l	98
78) n-propylbenzene	12.603	91	216304	59.298	ug/l	99
79) 2-Chlorotoluene	12.688	91	125770	60.199	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	138094	55.622	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	12745	73.132	ug/l	92
82) 4-Chlorotoluene	12.785	91	123820	58.169	ug/l	99
83) tert-Butylbenzene	13.005	119	126842	56.208	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	136863	56.380	ug/l	99
85) sec-Butylbenzene	13.182	105	159919	49.230	ug/l	99
86) p-Isopropyltoluene	13.298	119	125252	46.418	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	68365	50.105	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	69053	51.400	ug/l	99
89) n-Butylbenzene	13.627	91	92670	37.645	ug/l	98
90) Hexachloroethane	13.889	117	28323	50.314	ug/l	89
91) 1,2-Dichlorobenzene	13.669	146	63563	53.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	5243	68.893	ug/l	94
93) 1,2,4-Trichlorobenzene	14.931	180	15625	23.704	ug/l	98
94) Hexachlorobutadiene	15.035	225	8481	19.415	ug/l	97
95) Naphthalene	15.157	128	38060	36.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	13833	25.216	ug/l	98

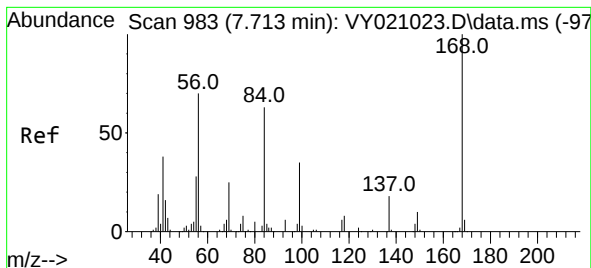
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Response via : Initial Calibration

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: 7.719 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY021271.D

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Instrument :

MSVOA_Y

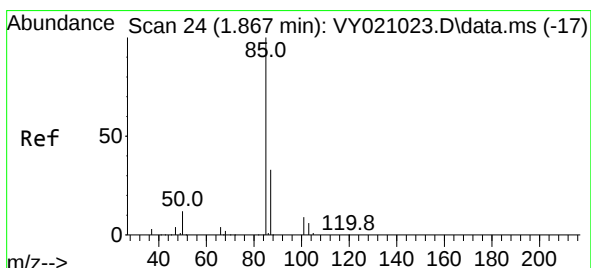
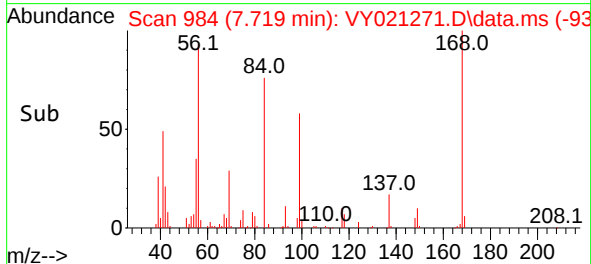
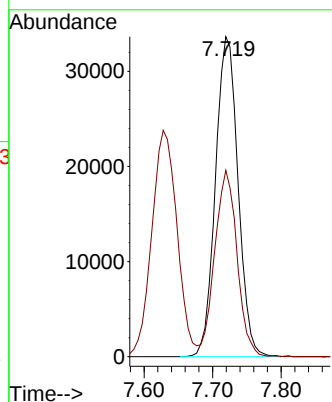
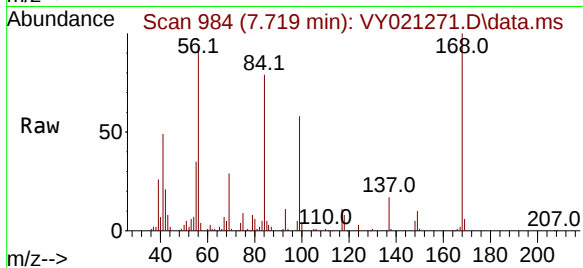
ClientSampleId :

Tgt Ion:168 Resp: 76913

Ion Ratio Lower Upper

168 100

99 58.1 44.2 66.4



#2

Dichlorodifluoromethane

Concen: 66.098 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.006 min

Lab File: VY021271.D

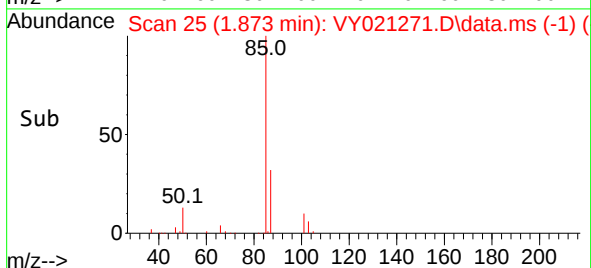
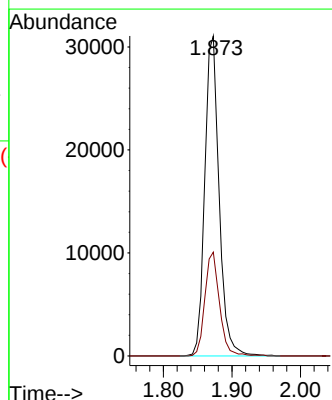
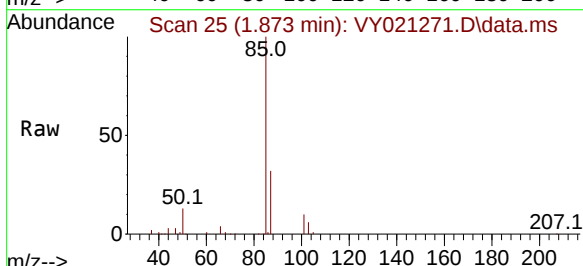
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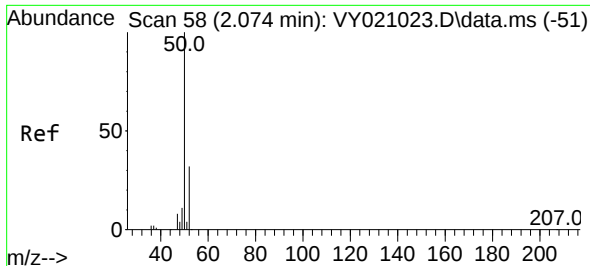
Tgt Ion: 85 Resp: 45311

Ion Ratio Lower Upper

85 100

87 32.4 17.1 51.3

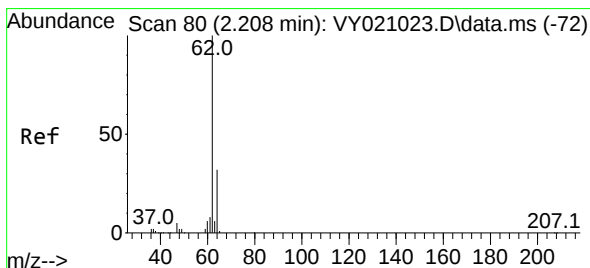
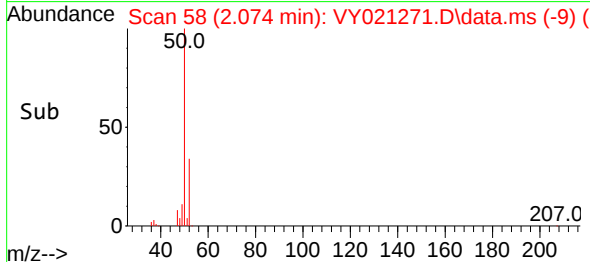
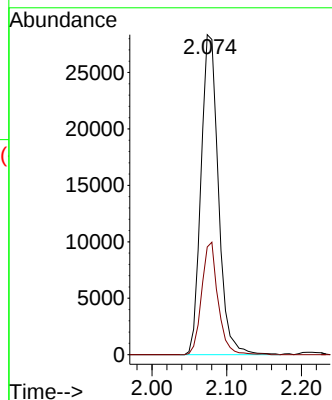
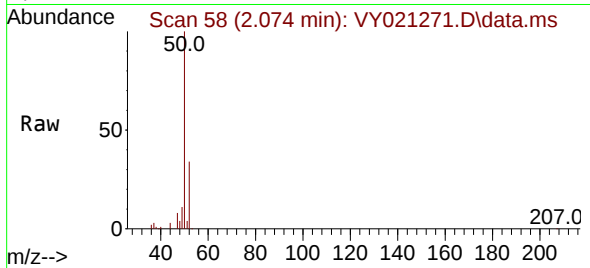




#3
Chloromethane
Concen: 67.725 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

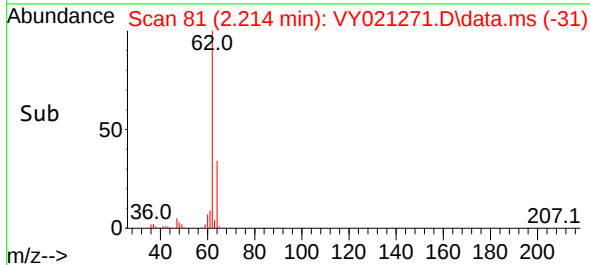
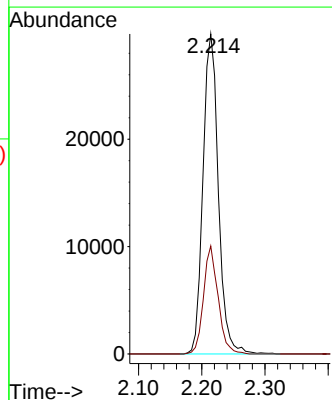
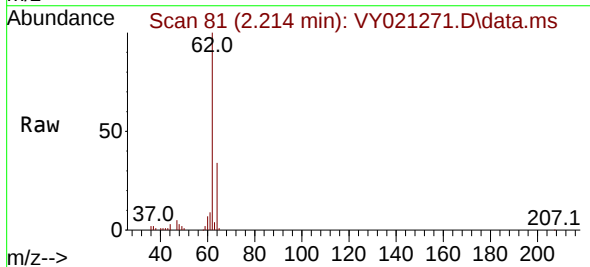
Instrument :
MSVOA_Y
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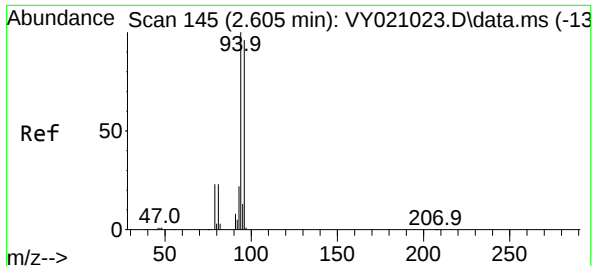
Tgt Ion: 50 Resp: 45812
Ion Ratio Lower Upper
50 100
52 33.6 26.7 40.1



#4
Vinyl Chloride
Concen: 74.149 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 62 Resp: 50485
Ion Ratio Lower Upper
62 100
64 33.7 25.7 38.5

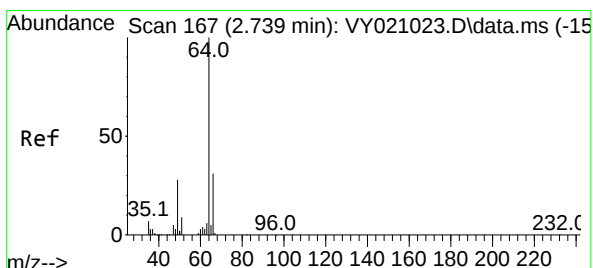
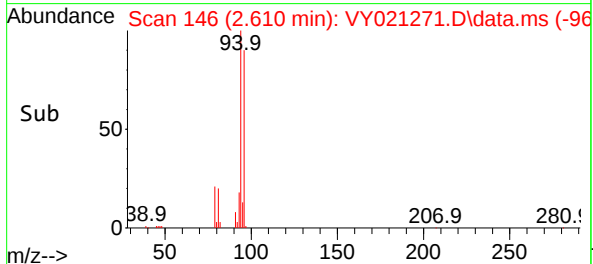
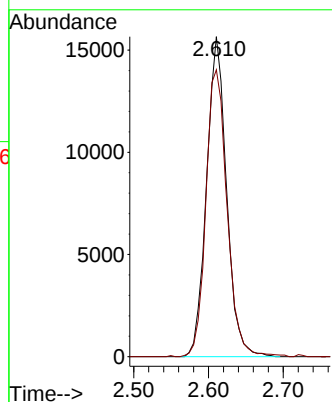
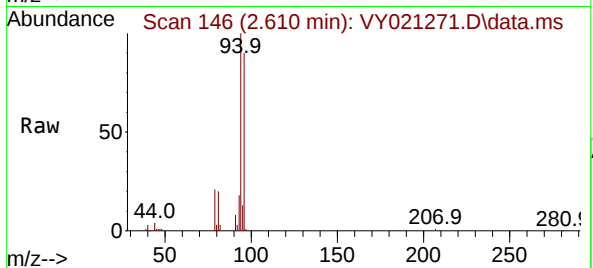




#5
Bromomethane
Concen: 69.111 ug/l
RT: 2.610 min Scan# 145
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

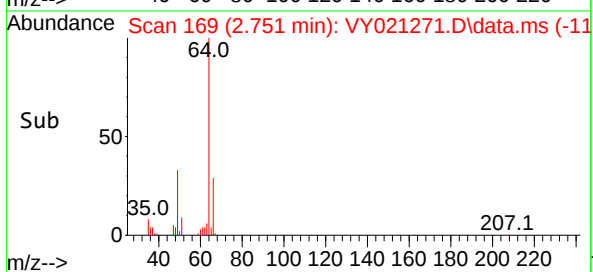
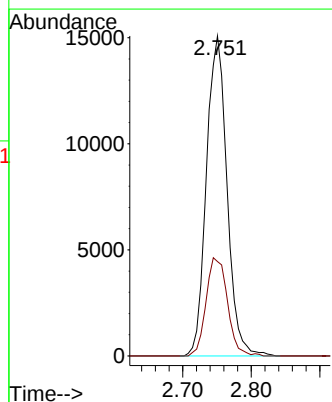
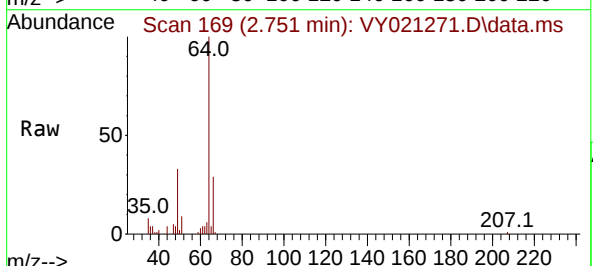
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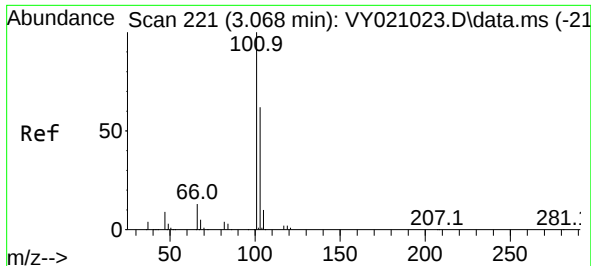
Tgt Ion: 94 Resp: 29083
Ion Ratio Lower Upper
94 100
96 89.6 77.3 115.9



#6
Chloroethane
Concen: 77.789 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.012 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 64 Resp: 31528
Ion Ratio Lower Upper
64 100
66 29.5 25.1 37.7

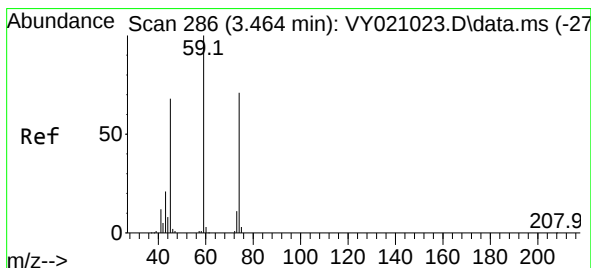
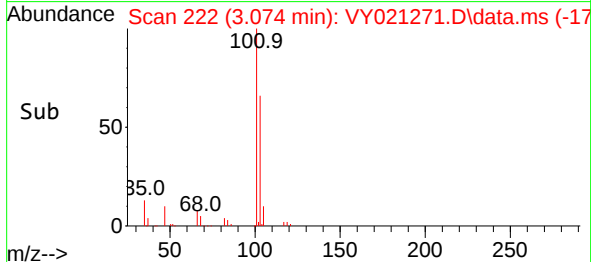
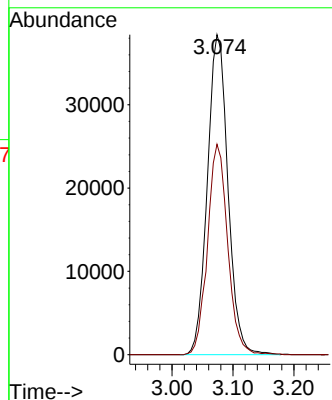
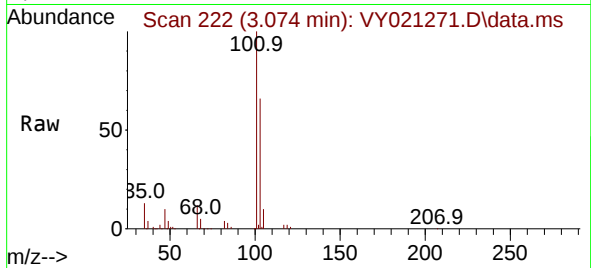




#7
 Trichlorofluoromethane
 Concen: 72.771 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY021271.D
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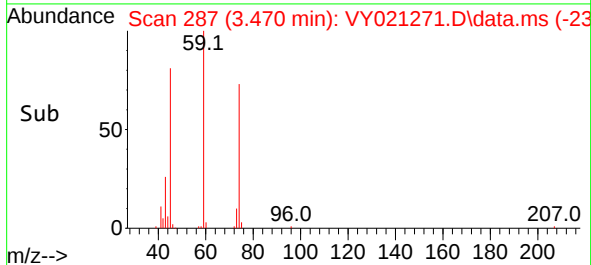
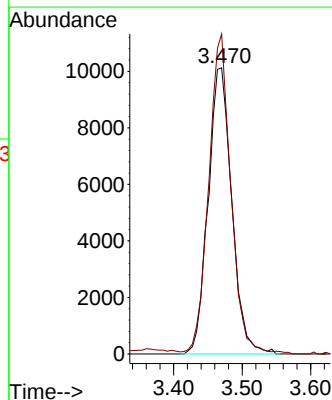
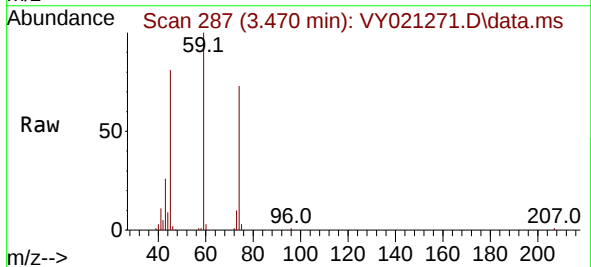
Instrument :
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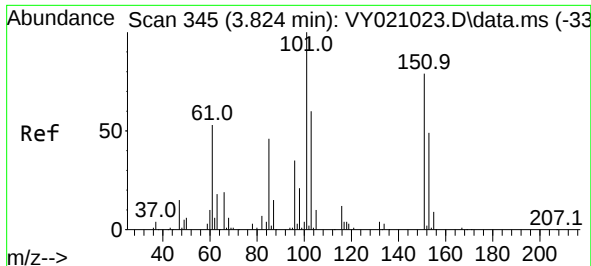
Tgt Ion:101 Resp: 90267
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 62.645 ug/l
 RT: 3.470 min Scan# 287
 Delta R.T. 0.006 min
 Lab File: VY021271.D
 Acq: 20 Feb 2025 23:43

Tgt Ion: 74 Resp: 24258
 Ion Ratio Lower Upper
 74 100
 45 105.2 47.9 143.7

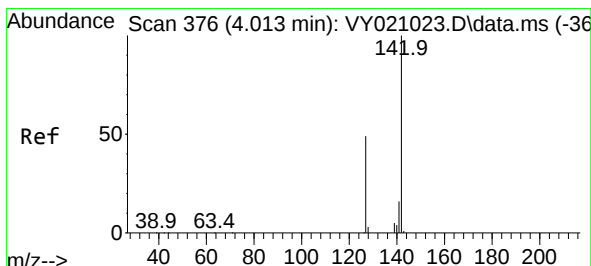
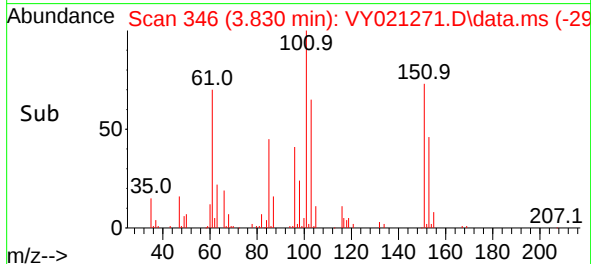
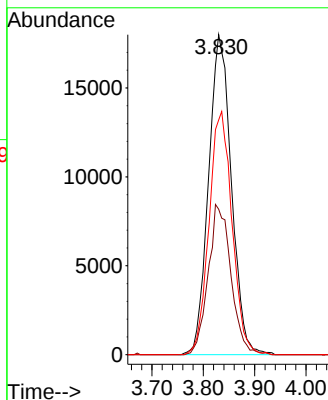
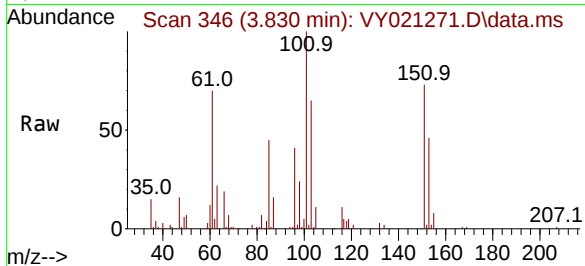




#9
1,1,2-Trichlorotrifluoroethane
Concen: 71.349 ug/l
RT: 3.830 min Scan# 345
Delta R.T. 0.006 min
Lab File: VY021271.D
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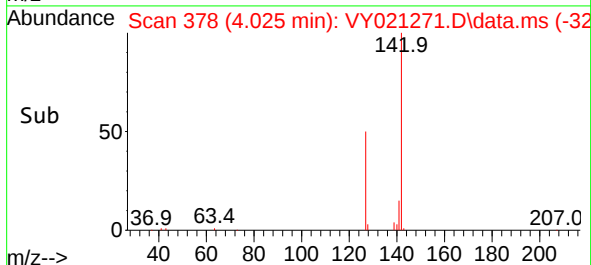
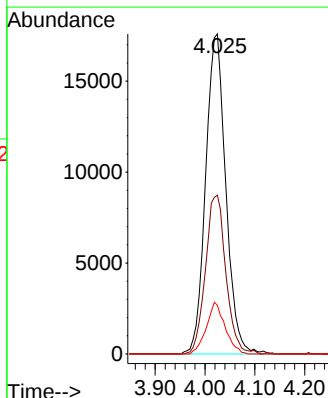
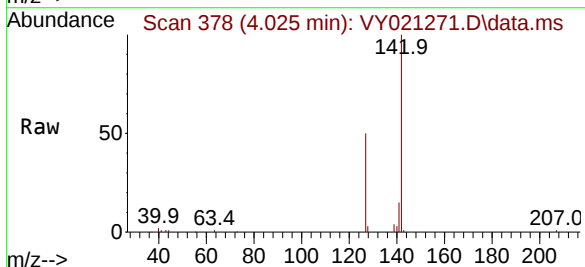
Instrument :
MSVOA_Y
ClientSampleId :

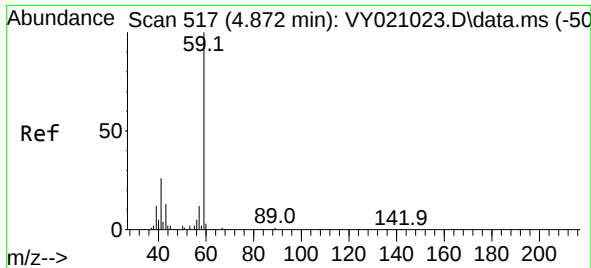
Tgt Ion:101 Resp: 55546
Ion Ratio Lower Upper
101 100
85 46.7 35.8 53.6
151 76.7 58.6 88.0



#10
Methyl Iodide
Concen: 57.114 ug/l
RT: 4.025 min Scan# 378
Delta R.T. 0.012 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion:142 Resp: 49398
Ion Ratio Lower Upper
142 100
127 50.2 35.1 52.7
141 15.0 11.8 17.6

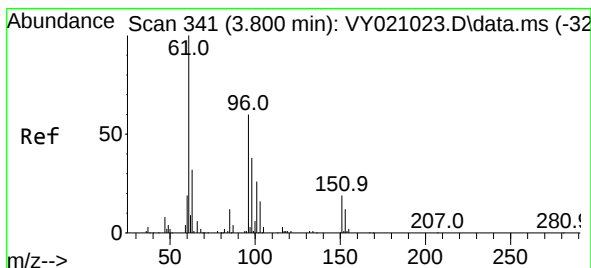
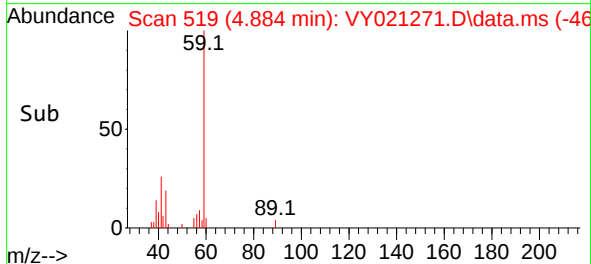
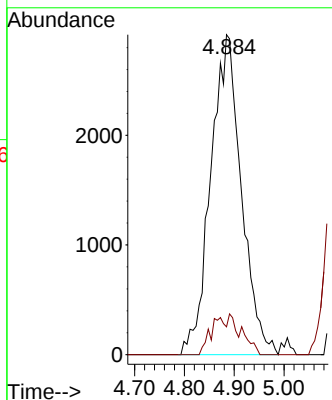
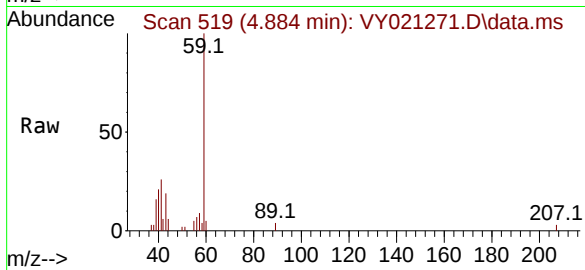




#11
Tert butyl alcohol
Concen: 233.027 ug/l
RT: 4.884 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

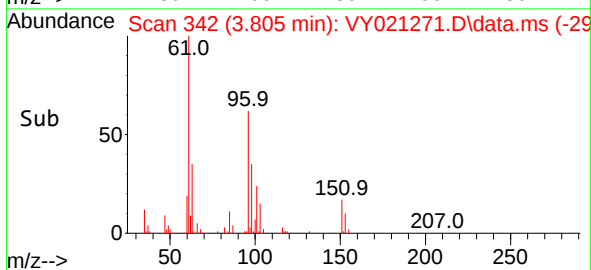
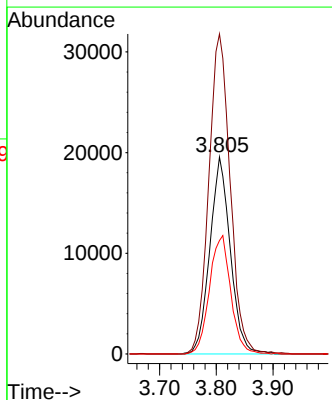
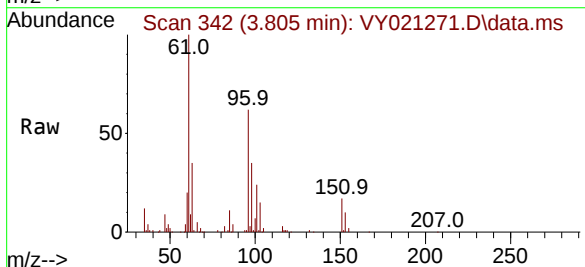
Instrument :
MSVOA_Y
ClientSampleId :

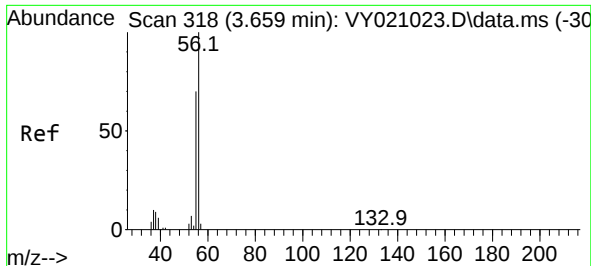
Tgt Ion: 59 Resp: 12444
Ion Ratio Lower Upper
59 100
57 6.1 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 67.043 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

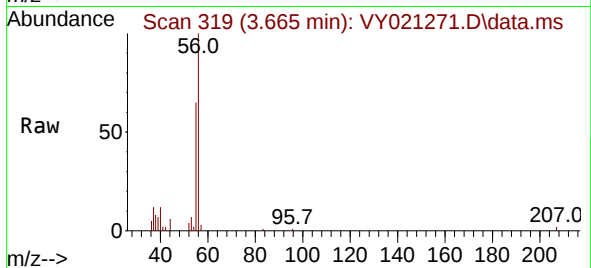
Tgt Ion: 96 Resp: 49166
Ion Ratio Lower Upper
96 100
61 162.5 124.2 186.2
98 57.6 52.6 79.0



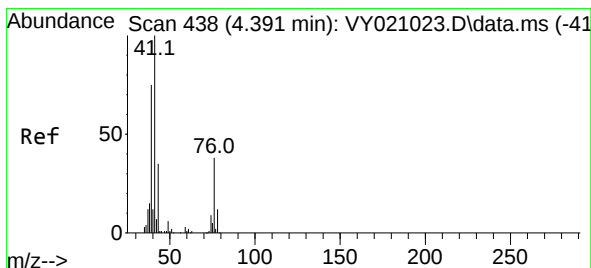
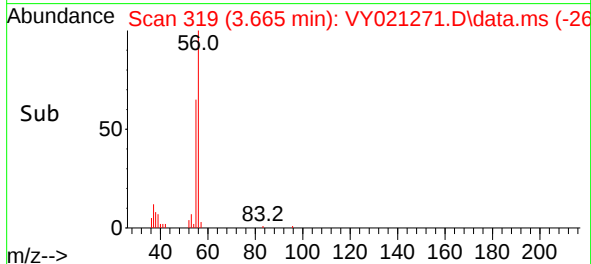
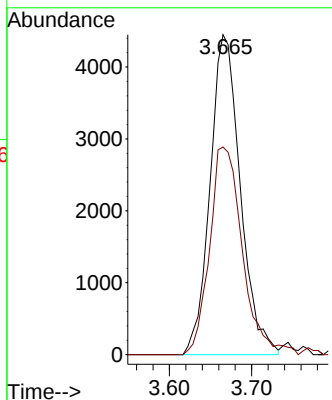


#13
Acrolein
Concen: 138.243 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Instrument :
MSVOA_Y
ClientSampleId :

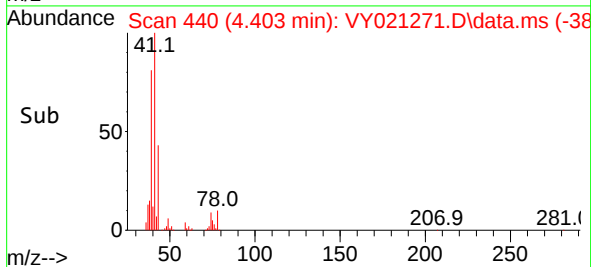
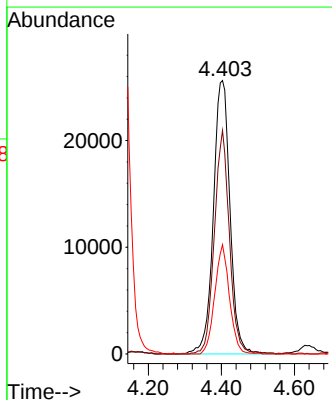
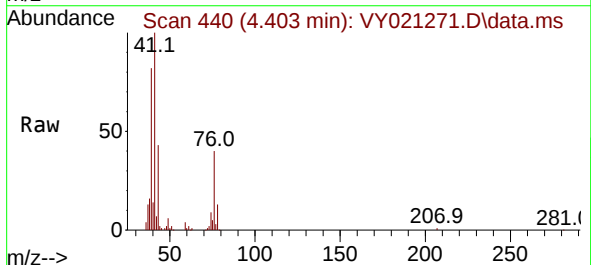


Tgt Ion: 56 Resp: 11368
Ion Ratio Lower Upper
56 100
55 70.4 55.4 83.0



#14
Allyl chloride
Concen: 65.660 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.012 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

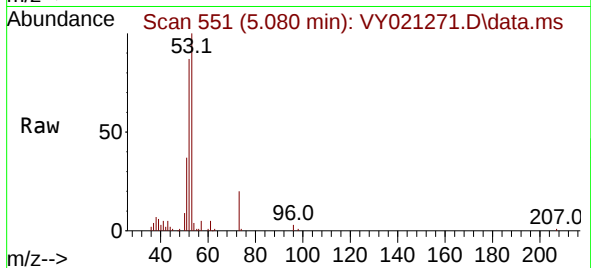
Tgt Ion: 41 Resp: 81153
Ion Ratio Lower Upper
41 100
39 73.8 54.7 82.1
76 35.3 31.8 47.6



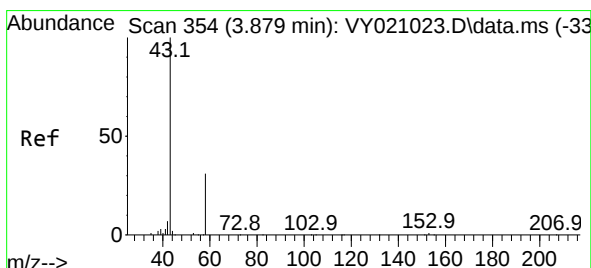
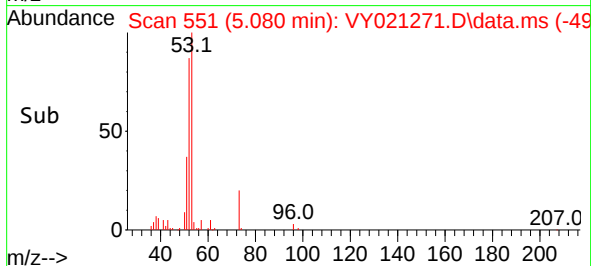
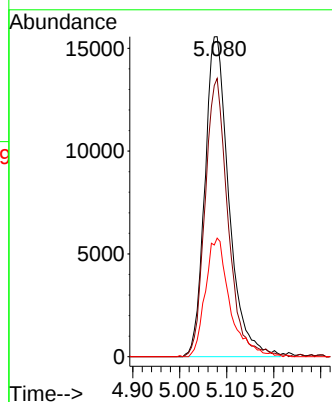


#15
Acrylonitrile
Concen: 343.245 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Instrument :
MSVOA_Y
ClientSampleId :

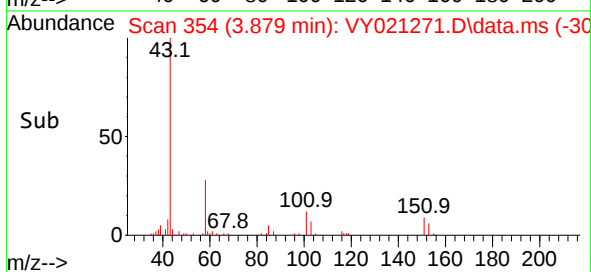
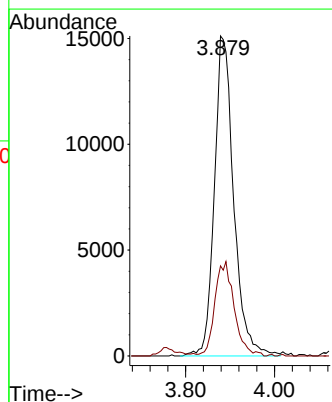
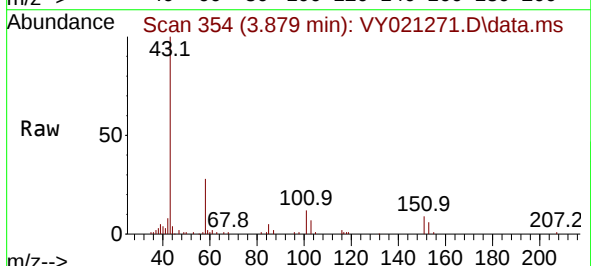


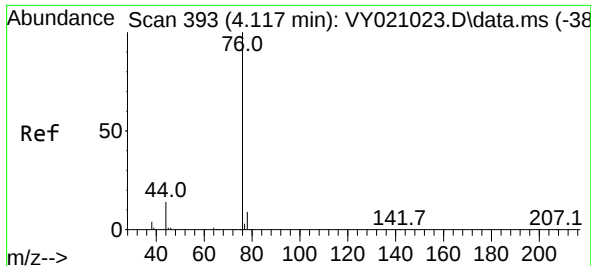
Tgt Ion: 53 Resp: 55348
Ion Ratio Lower Upper
53 100
52 82.8 65.1 97.7
51 37.9 29.0 43.4



#16
Acetone
Concen: 370.641 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 43 Resp: 45549
Ion Ratio Lower Upper
43 100
58 27.8 26.6 39.8

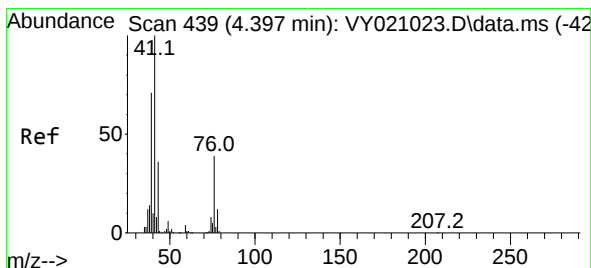
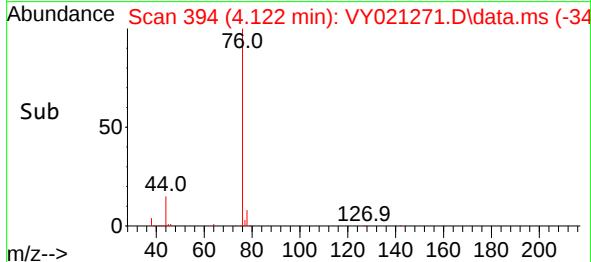
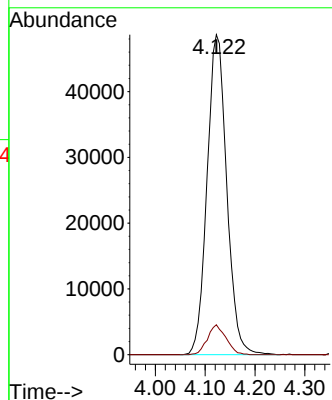
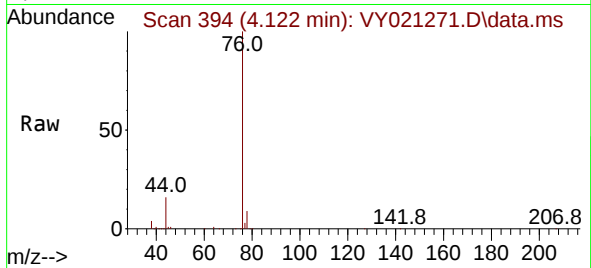




#17
Carbon Disulfide
Concen: 58.033 ug/l
RT: 4.122 min Scan# 394
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

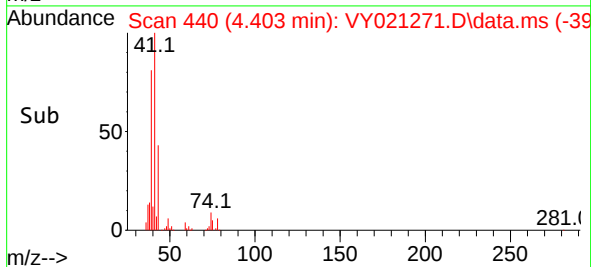
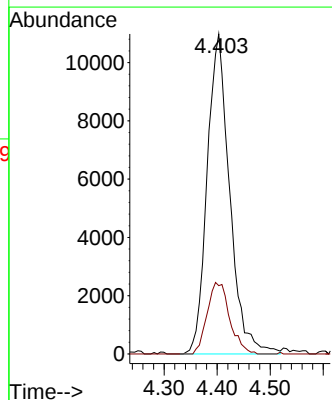
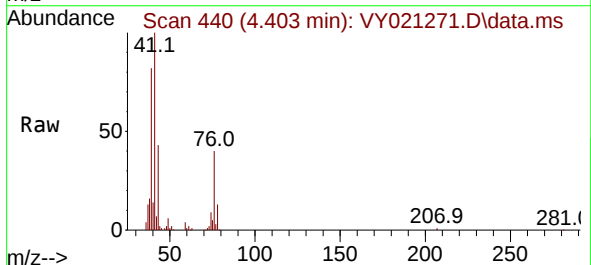
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 133453
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 75.129 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 43 Resp: 32411
Ion Ratio Lower Upper
43 100
74 22.3 19.8 29.6

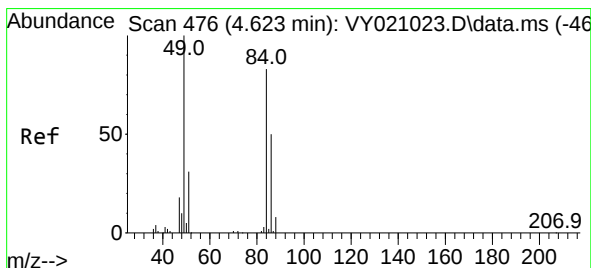
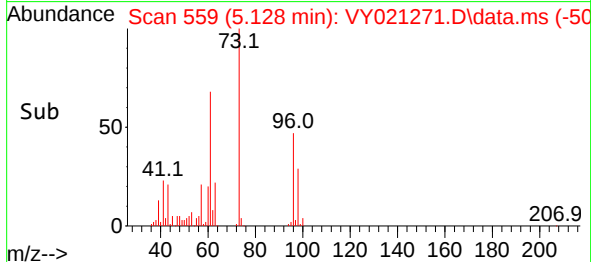
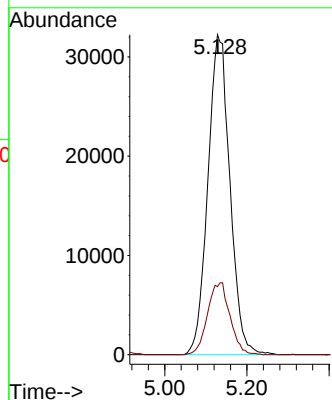
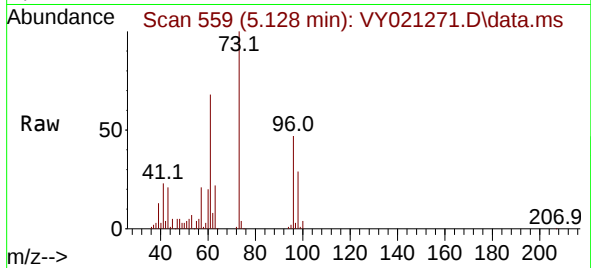




#19
Methyl tert-butyl Ether
Concen: 64.669 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

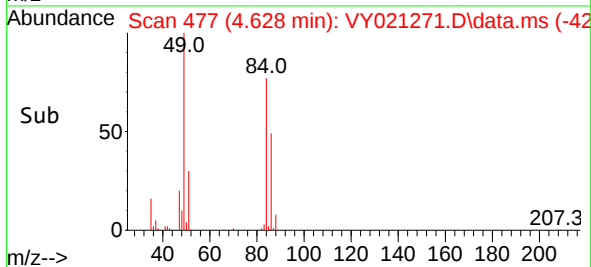
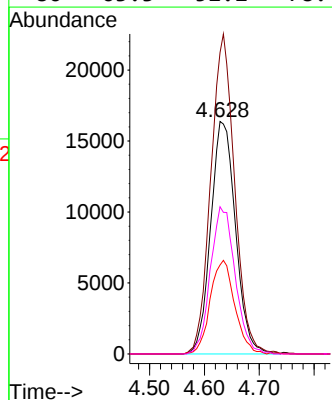
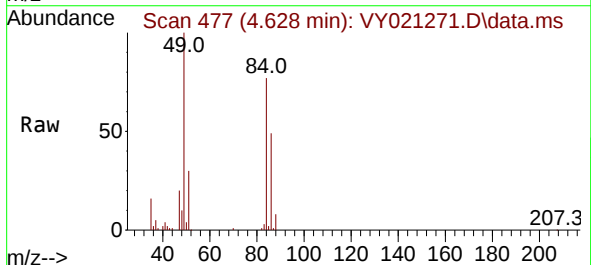
Instrument :
MSVOA_Y
ClientSampleId :

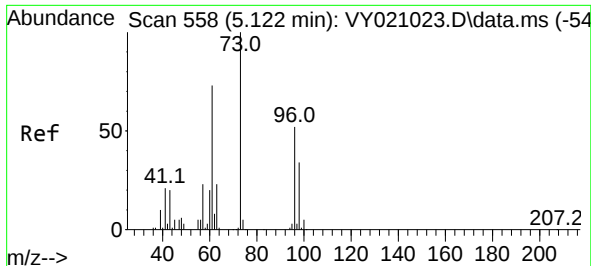
Tgt Ion: 73 Resp: 119868
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5



#20
Methylene Chloride
Concen: 67.530 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 84 Resp: 51591
Ion Ratio Lower Upper
84 100
49 129.6 95.2 142.8
51 38.3 29.9 44.9
86 63.3 52.2 78.4

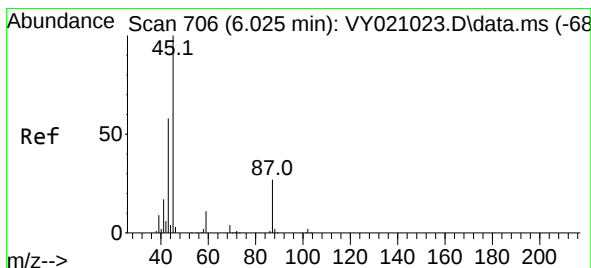
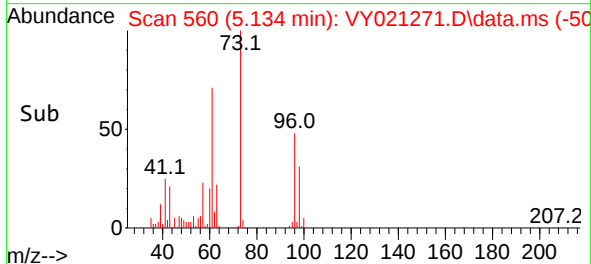
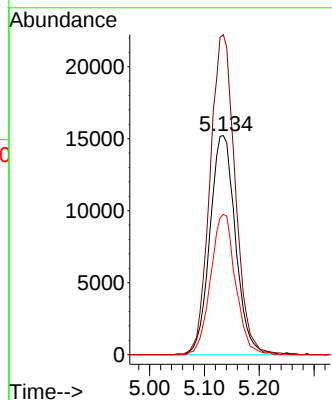
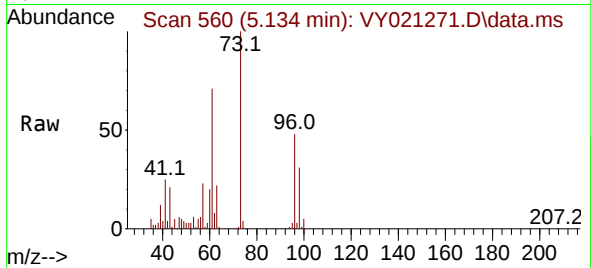




#21
trans-1,2-Dichloroethene
Concen: 61.013 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

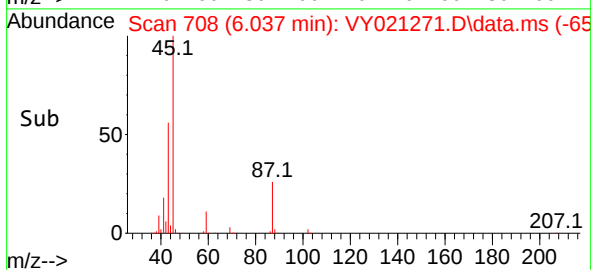
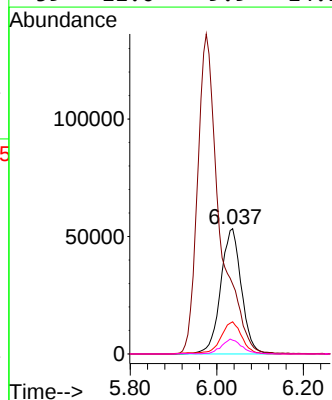
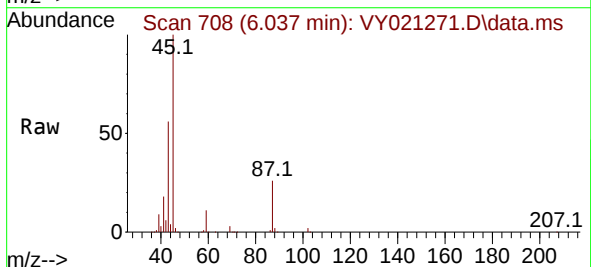
Instrument :
MSVOA_Y
ClientSampleId :

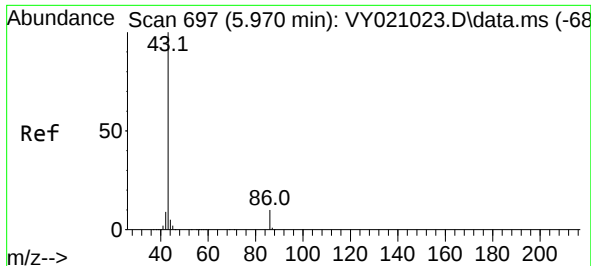
Tgt Ion: 96 Resp: 49252
Ion Ratio Lower Upper
96 100
61 145.7 104.6 156.8
98 64.0 50.9 76.3



#22
Diisopropyl ether
Concen: 69.703 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.012 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 45 Resp: 177571
Ion Ratio Lower Upper
45 100
43 55.1 46.8 70.2
87 25.7 22.2 33.2
59 11.0 9.9 14.9

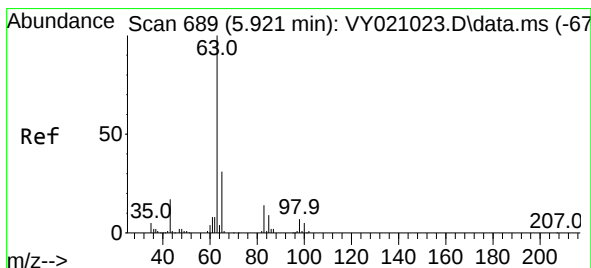
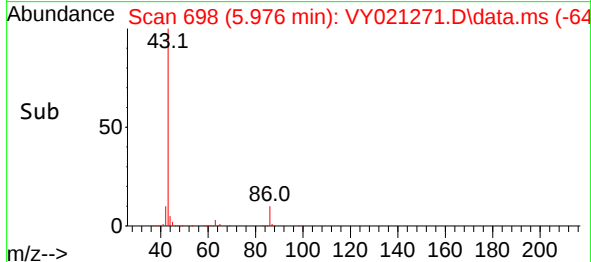
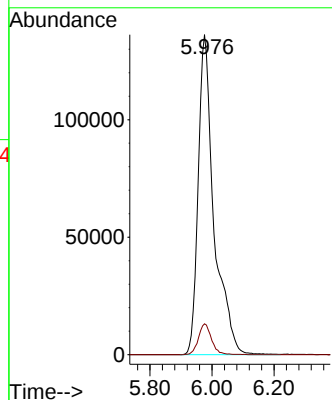
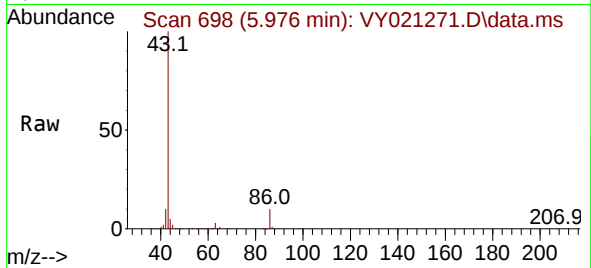




#23
 Vinyl Acetate
 Concen: 338.150 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY021271.D
 Acq: 20 Feb 2025 23:43

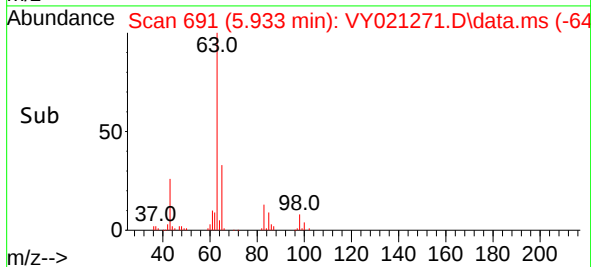
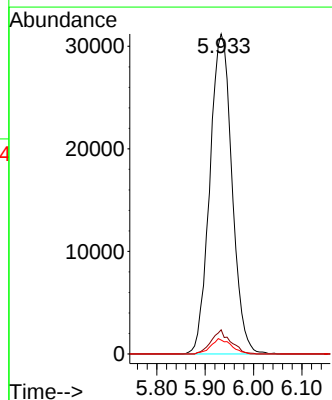
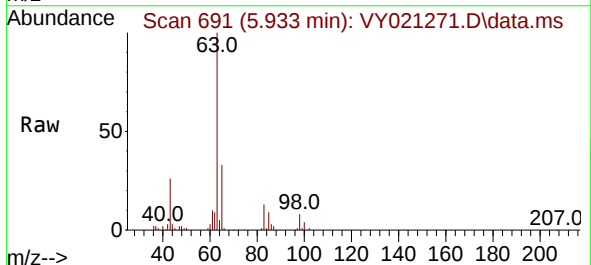
Instrument :
 MSVOA_Y
 ClientSampleId :

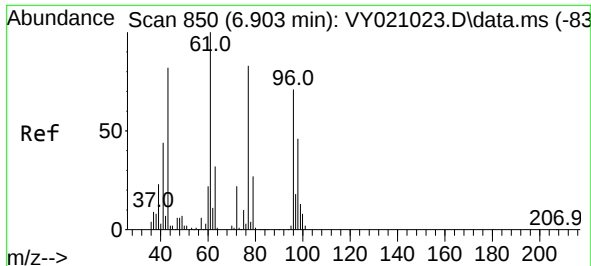
Tgt Ion: 43 Resp: 480228
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 66.654 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.012 min
 Lab File: VY021271.D
 Acq: 20 Feb 2025 23:43

Tgt Ion: 63 Resp: 99487
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.4 2.1 6.2





#25

2-Butanone

Concen: 329.203 ug/l

RT: 6.908 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

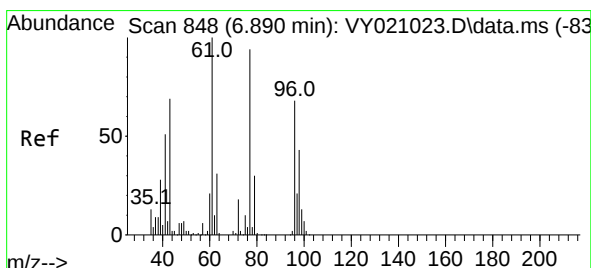
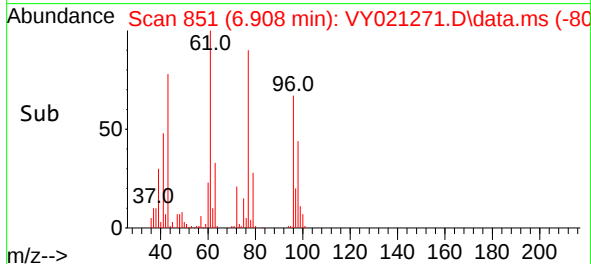
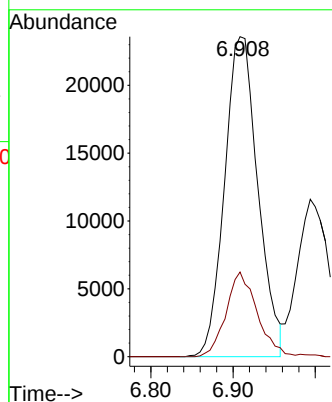
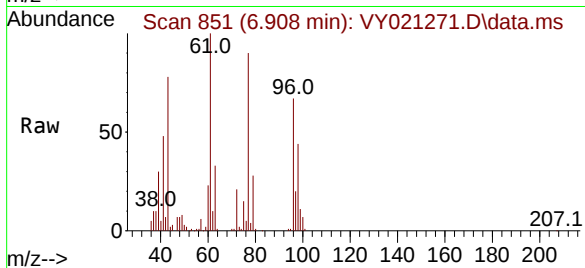
ClientSampleId :

Tgt Ion: 43 Resp: 66481

Ion Ratio Lower Upper

43 100

72 26.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 64.816 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY021271.D

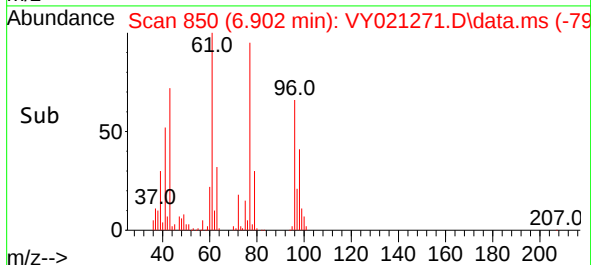
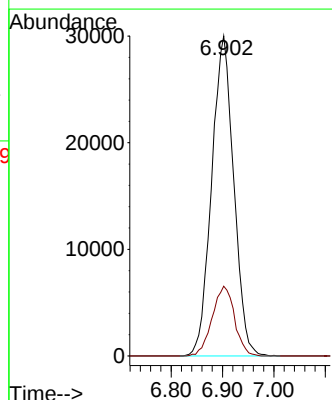
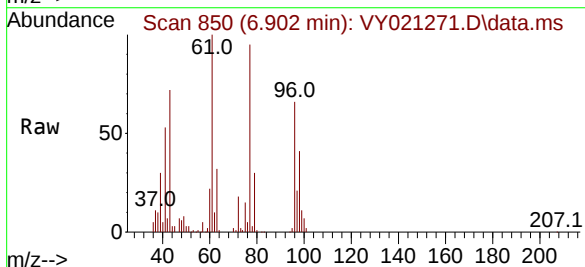
Acq: 20 Feb 2025 23:43

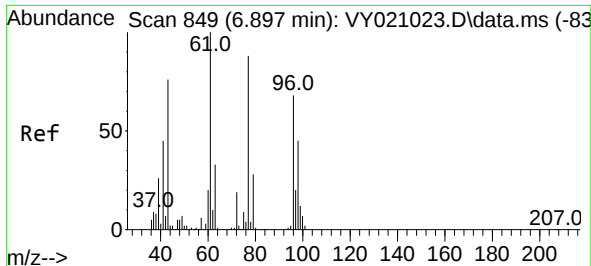
Tgt Ion: 77 Resp: 89515

Ion Ratio Lower Upper

77 100

97 22.0 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 62.850 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

ClientSampleId :

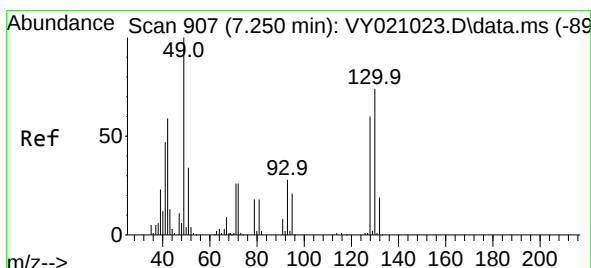
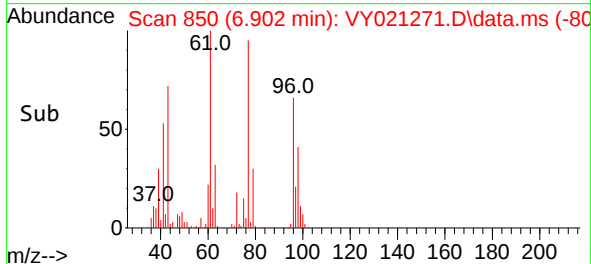
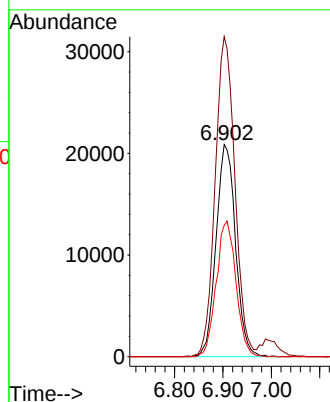
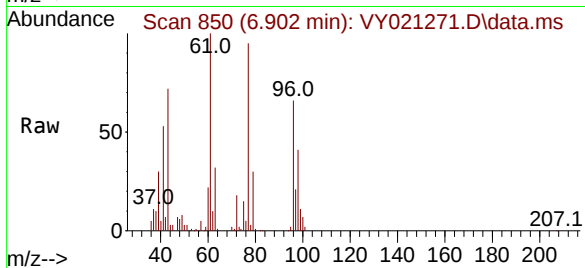
Tgt Ion: 96 Resp: 58397

Ion Ratio Lower Upper

96 100

61 152.7 0.0 278.8

98 64.8 0.0 127.0



#28

Bromochloromethane

Concen: 59.201 ug/l

RT: 7.256 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

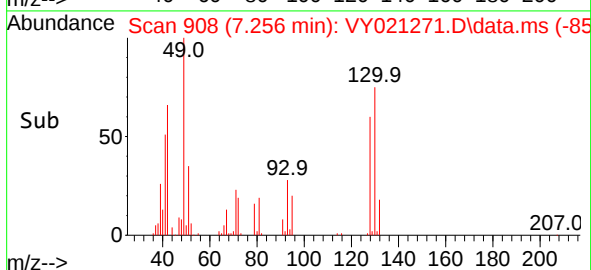
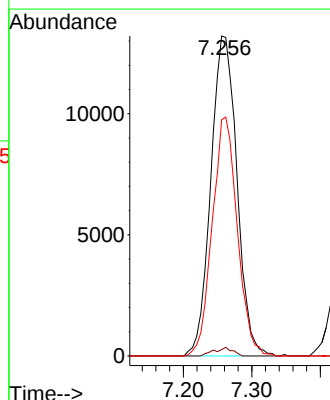
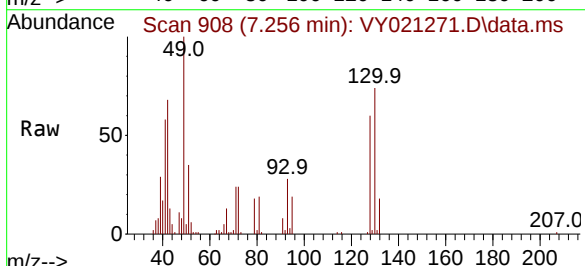
Tgt Ion: 49 Resp: 34941

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 71.6 59.8 89.8





#29

Tetrahydrofuran

Concen: 324.414 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

ClientSampleId :

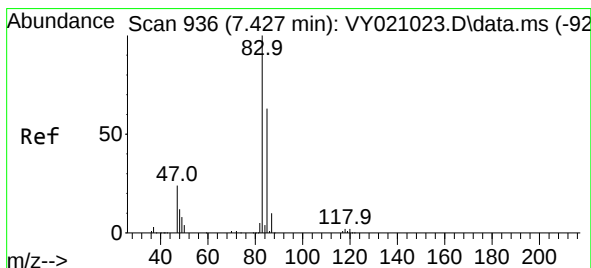
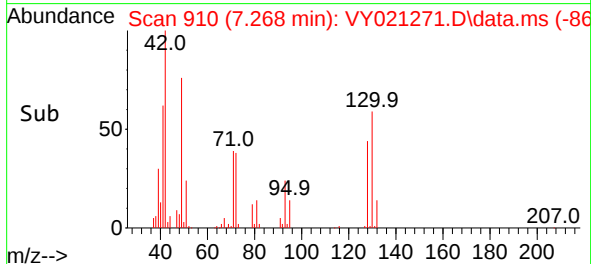
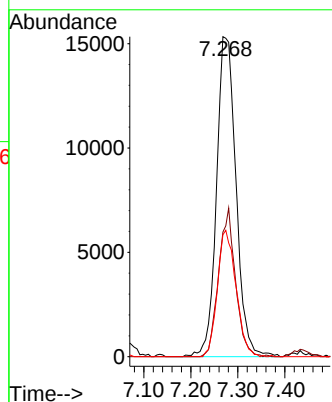
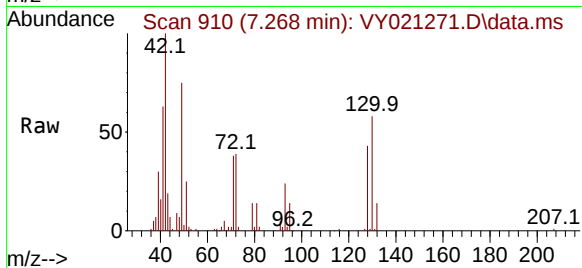
Tgt Ion: 42 Resp: 44331

Ion Ratio Lower Upper

42 100

72 40.1 36.6 54.8

71 37.5 33.8 50.6



#30

Chloroform

Concen: 66.169 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021271.D

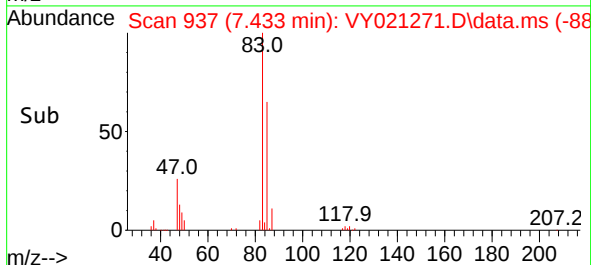
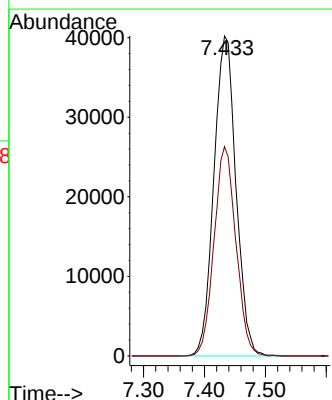
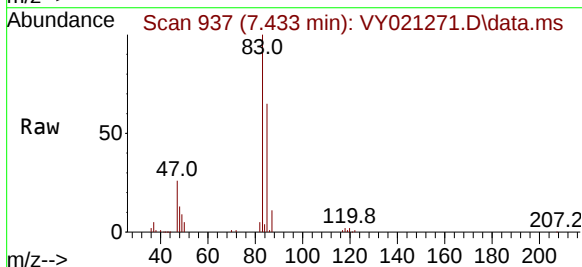
Acq: 20 Feb 2025 23:43

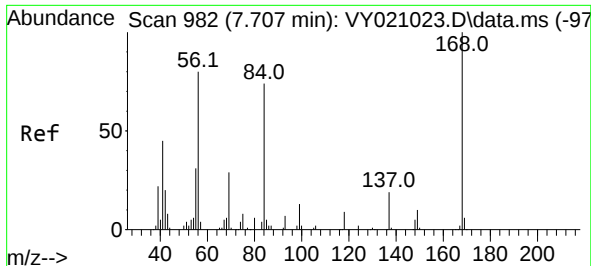
Tgt Ion: 83 Resp: 101444

Ion Ratio Lower Upper

83 100

85 65.4 51.2 76.8

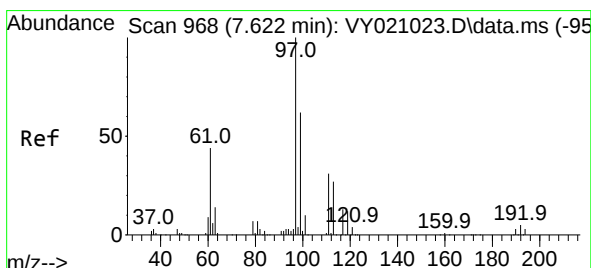
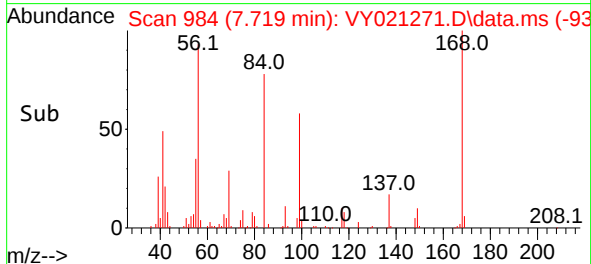
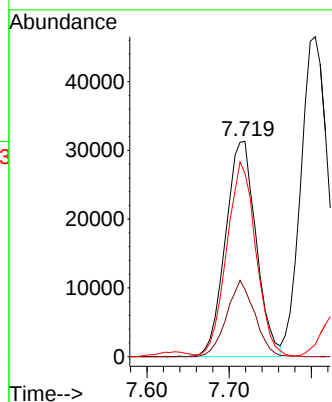
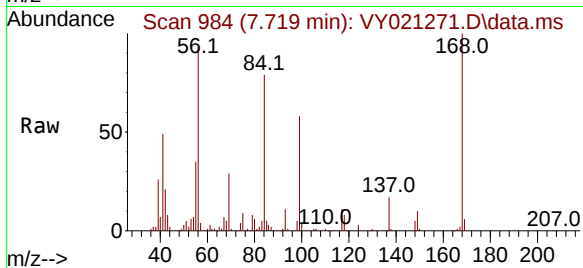




#31
Cyclohexane
Concen: 60.409 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

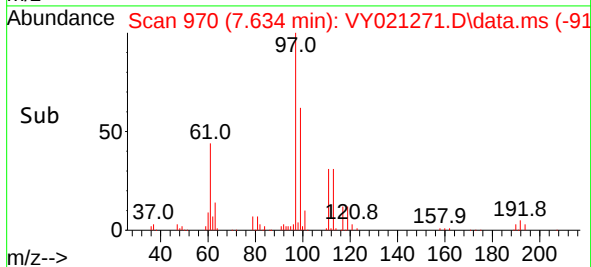
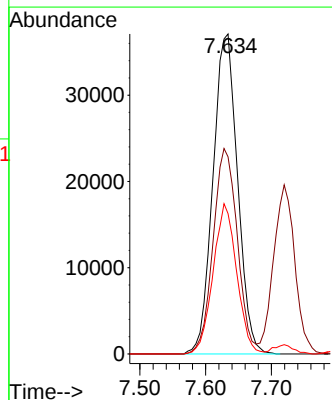
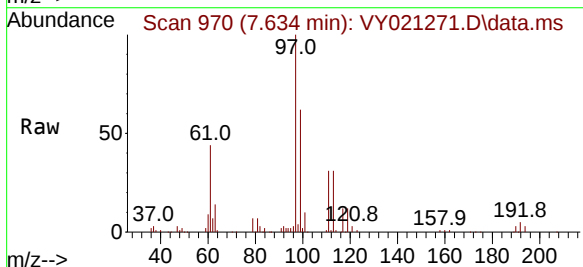
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 81196
Ion Ratio Lower Upper
56 100
69 31.0 27.0 40.6
84 83.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 67.739 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.012 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 97 Resp: 96554
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 45.1 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 51.504 ug/l

RT: 8.073 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

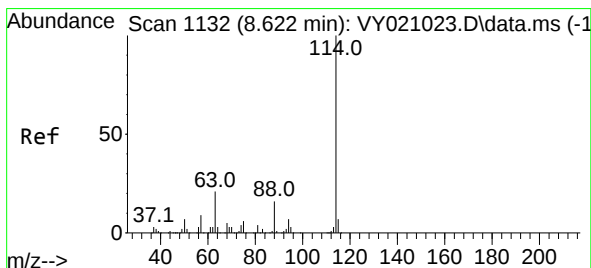
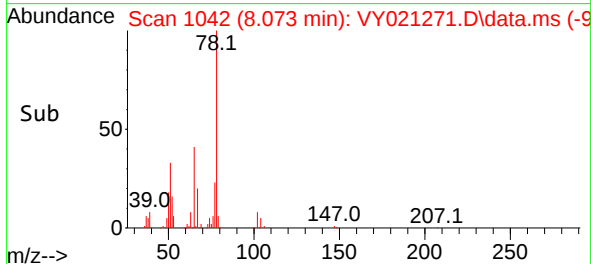
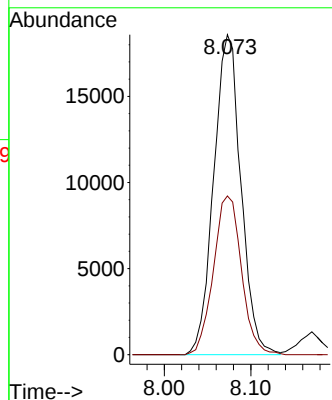
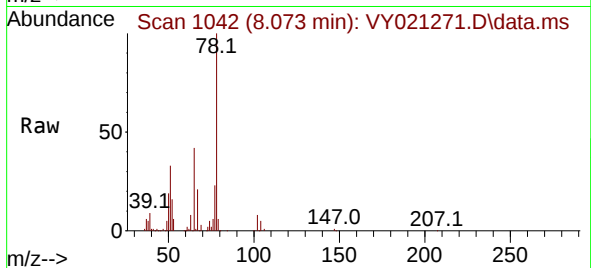
ClientSampleId :

Tgt Ion: 65 Resp: 40587

Ion Ratio Lower Upper

65 100

67 51.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

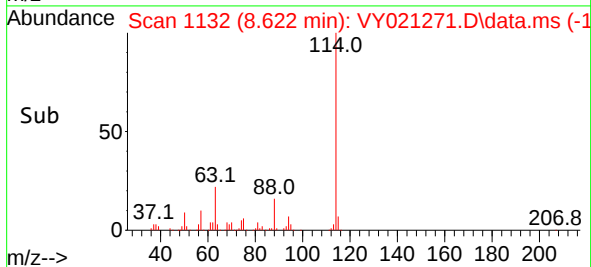
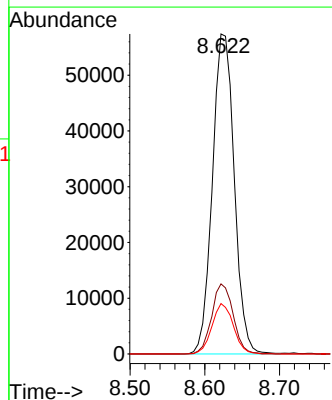
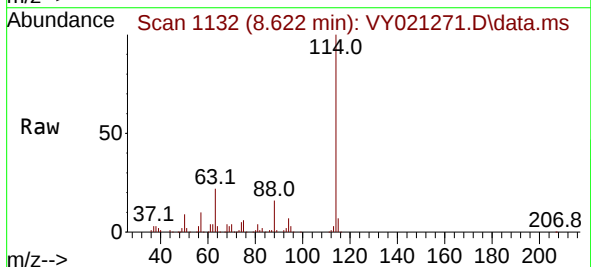
Tgt Ion: 114 Resp: 116618

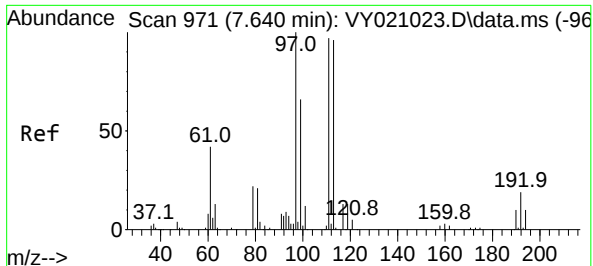
Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.4

88 15.8 0.0 29.0

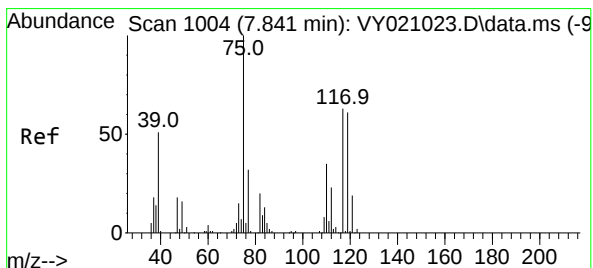
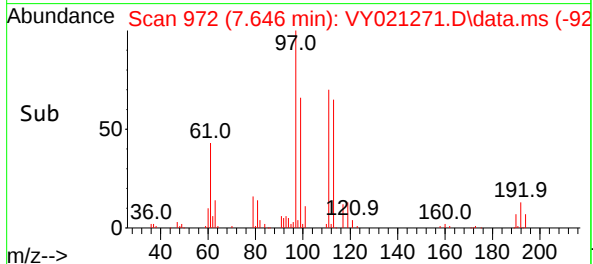
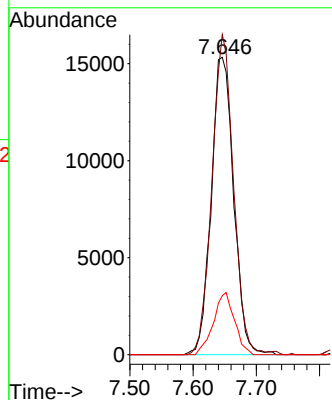
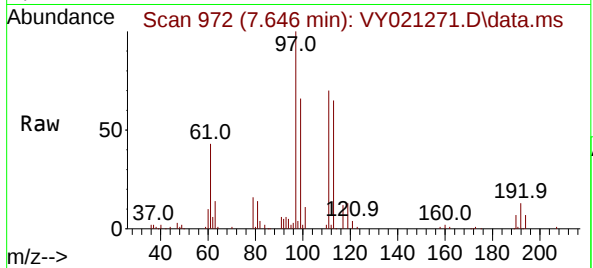




#35
Dibromofluoromethane
Concen: 50.481 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

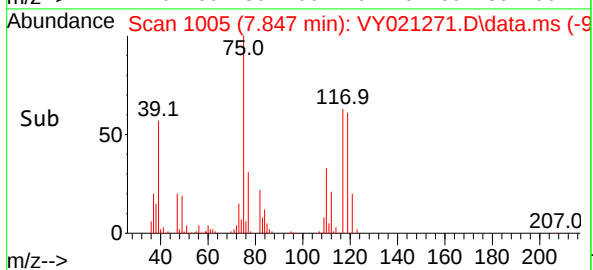
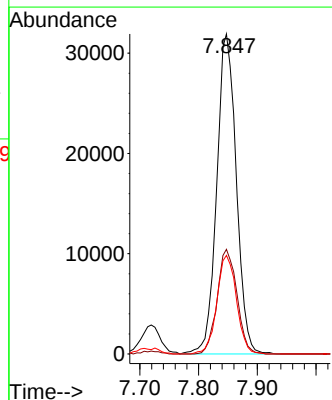
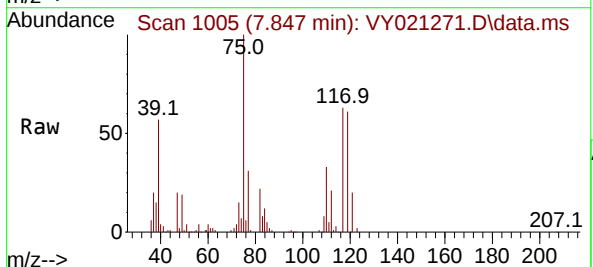
Instrument :
MSVOA_Y
ClientSampleId :

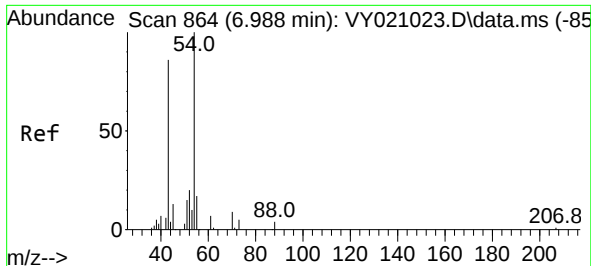
Tgt Ion:113 Resp: 37728
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 19.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 66.728 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 75 Resp: 73867
Ion Ratio Lower Upper
75 100
110 33.0 17.4 52.3
77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 67.376 ug/l

RT: 6.994 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

ClientSampleId :

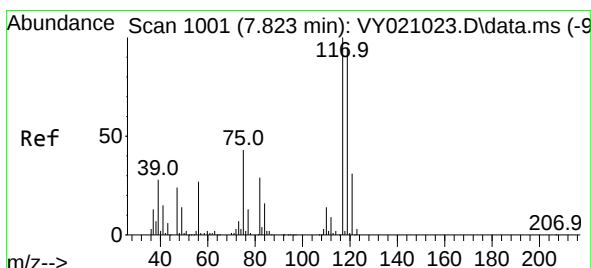
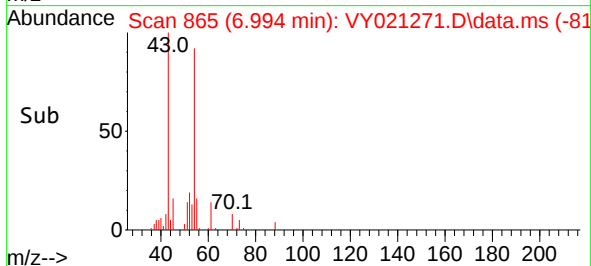
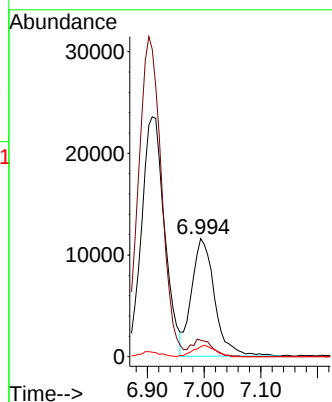
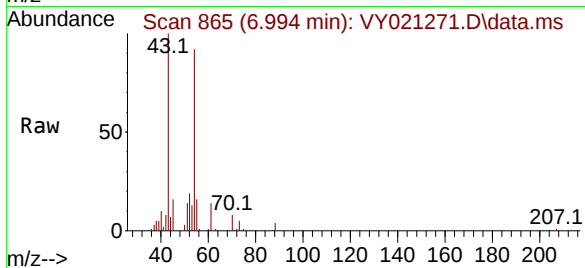
Tgt Ion: 43 Resp: 32719

Ion Ratio Lower Upper

43 100

61 13.1 11.0 16.6

70 9.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 67.826 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.012 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

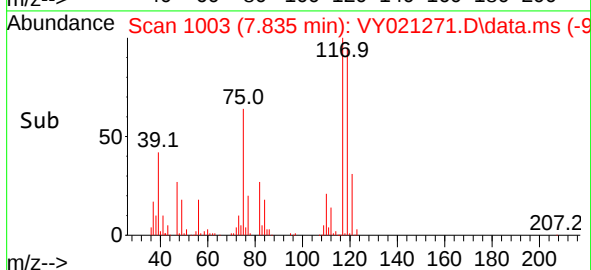
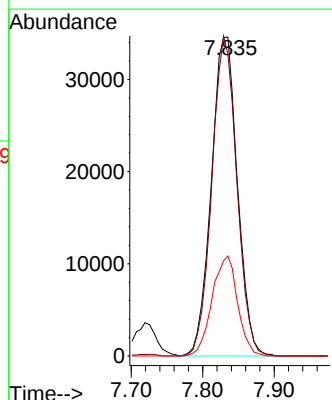
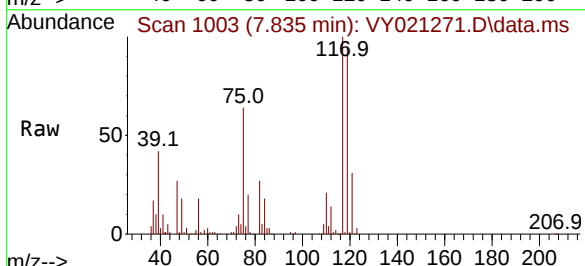
Tgt Ion: 117 Resp: 87730

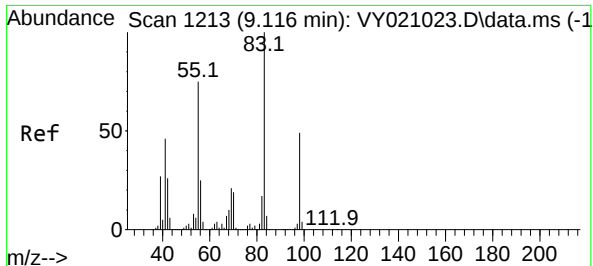
Ion Ratio Lower Upper

117 100

119 94.6 76.0 114.0

121 31.3 24.2 36.2





#39

Methylcyclohexane

Concen: 53.757 ug/l

RT: 9.115 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

ClientSampleId :

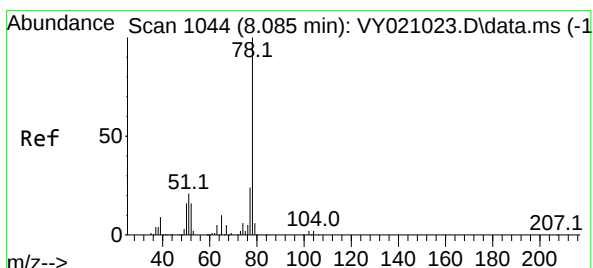
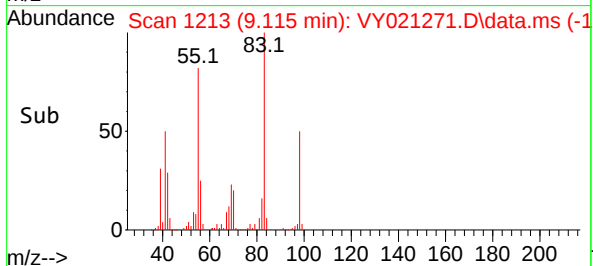
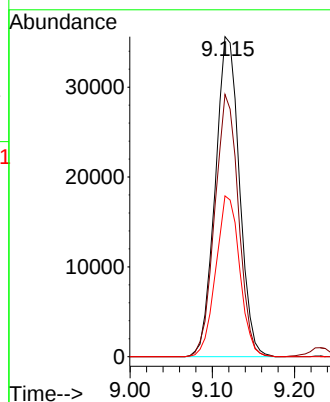
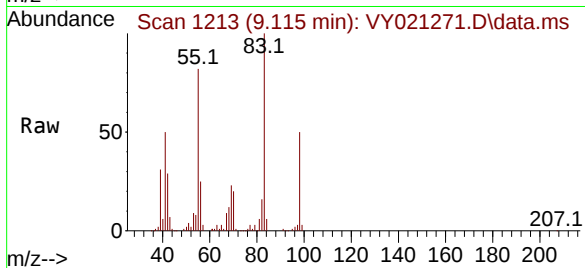
Tgt Ion: 83 Resp: 72789

Ion Ratio Lower Upper

83 100

55 81.9 59.7 89.5

98 50.3 38.0 57.0



#40

Benzene

Concen: 66.240 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021271.D

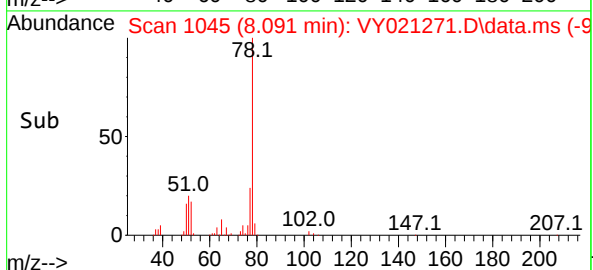
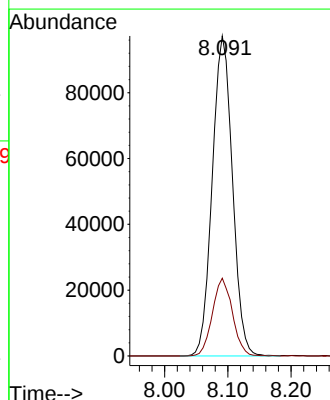
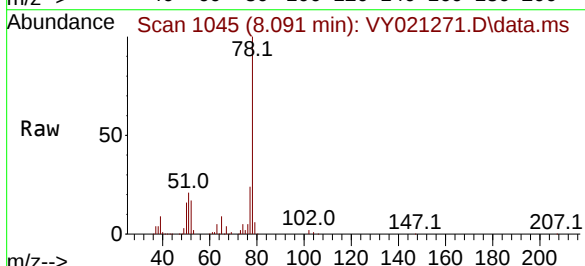
Acq: 20 Feb 2025 23:43

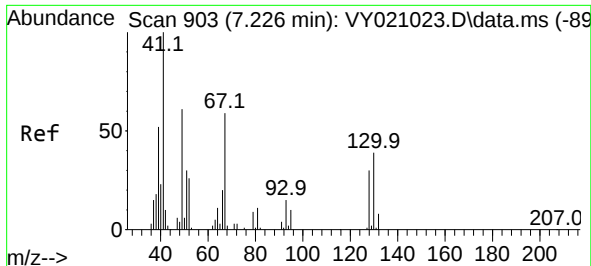
Tgt Ion: 78 Resp: 215186

Ion Ratio Lower Upper

78 100

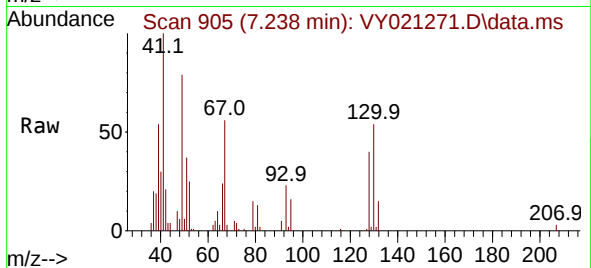
77 24.3 18.8 28.2



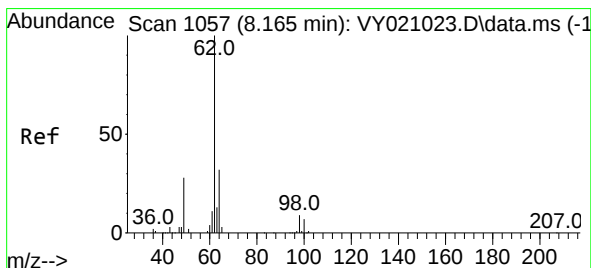
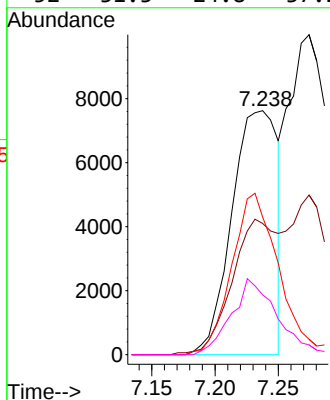
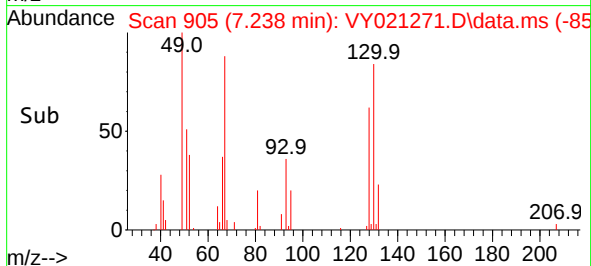


#41
Methacrylonitrile
Concen: 68.240 ug/l
RT: 7.238 min Scan# 905
Delta R.T. 0.012 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

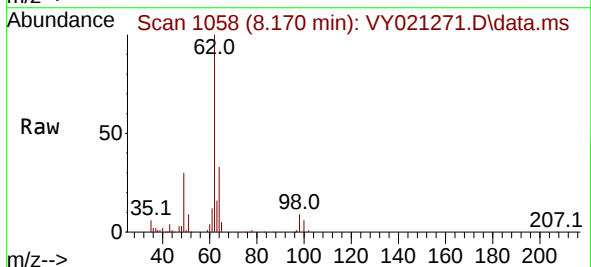
Instrument :
MSVOA_Y
ClientSampleId :



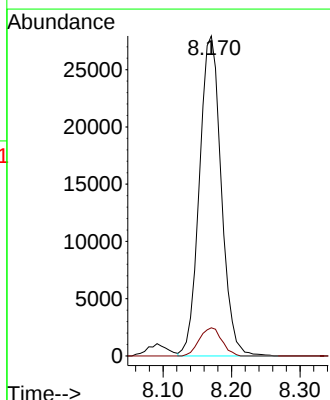
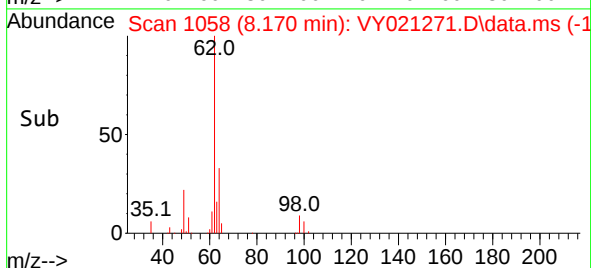
Tgt Ion:	41	Resp:	19172
Ion	Ratio	Lower	Upper
41	100		
39	54.5	41.9	62.9
67	68.1	59.8	89.6
52	31.3	24.8	37.2

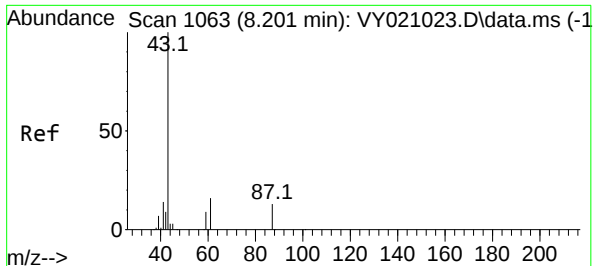


#42
1,2-Dichloroethane
Concen: 68.773 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43



Tgt Ion:	62	Resp:	61976
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.2

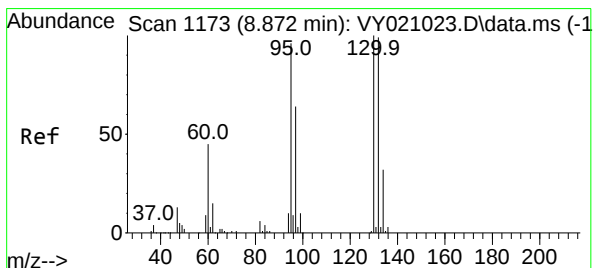
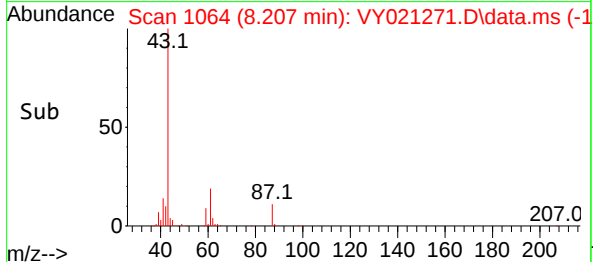
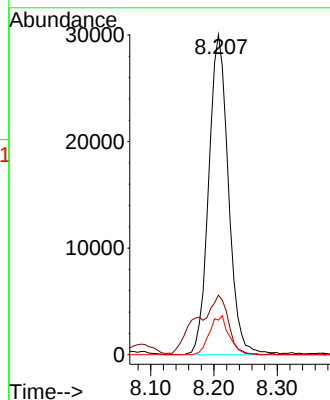
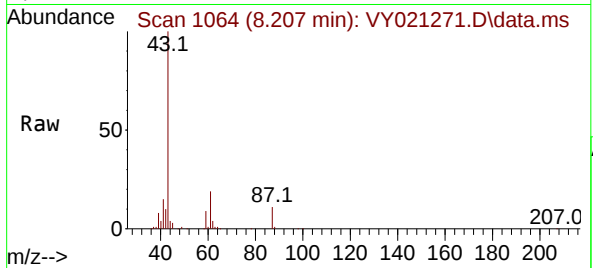




#43
Isopropyl Acetate
Concen: 67.240 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

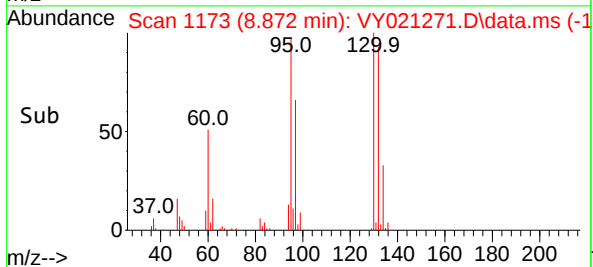
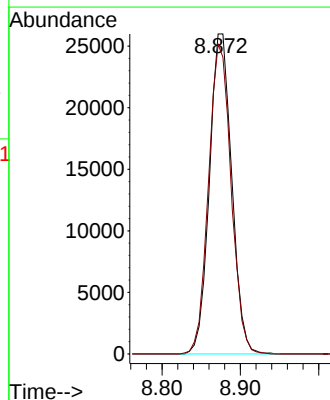
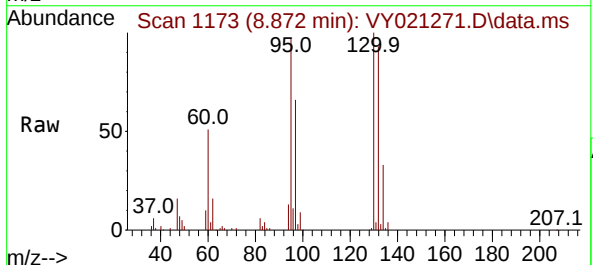
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 64883
Ion Ratio Lower Upper
43 100
61 29.3 24.8 37.2
87 12.0 10.7 16.1



#44
Trichloroethene
Concen: 61.201 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion:130 Resp: 51366
Ion Ratio Lower Upper
130 100
95 96.8 0.0 203.8





#45

1,2-Dichloropropane

Concen: 67.601 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

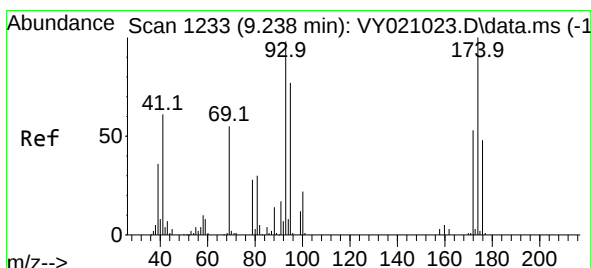
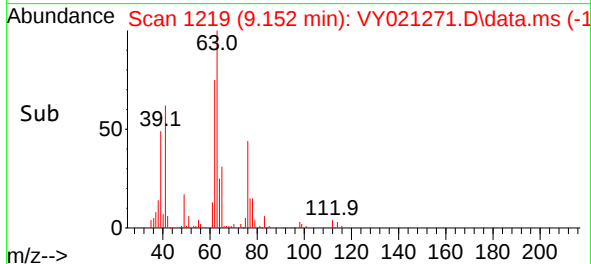
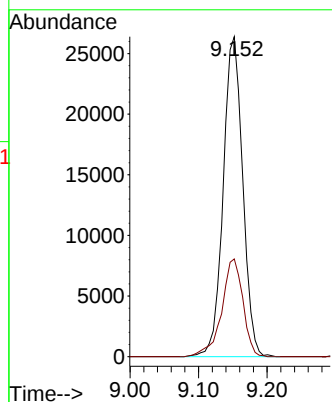
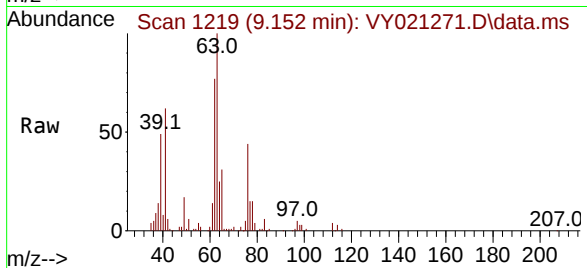
ClientSampleId :

Tgt Ion: 63 Resp: 52124

Ion Ratio Lower Upper

63 100

65 30.6 24.6 36.8



#46

Dibromomethane

Concen: 66.453 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

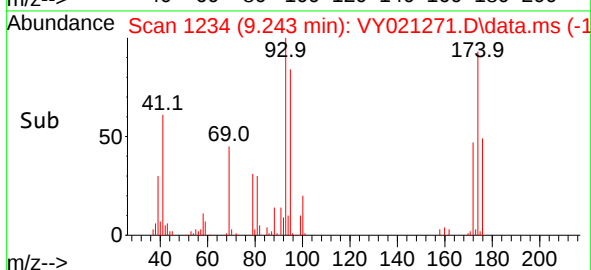
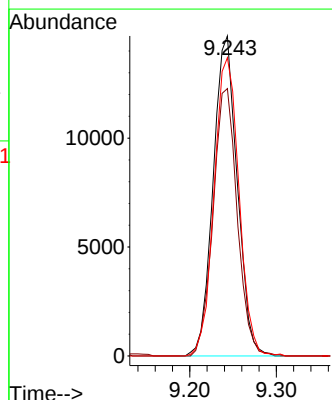
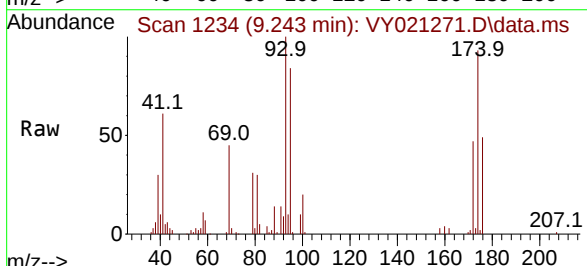
Tgt Ion: 93 Resp: 28370

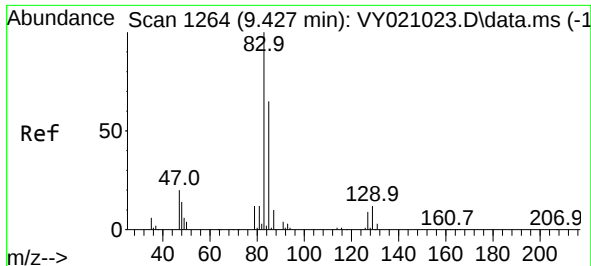
Ion Ratio Lower Upper

93 100

95 83.7 66.6 99.8

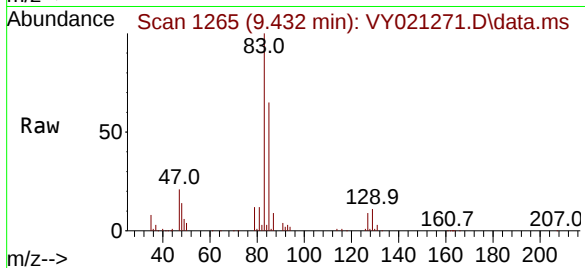
174 96.3 73.8 110.6



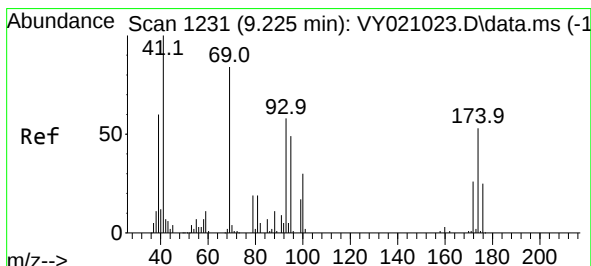
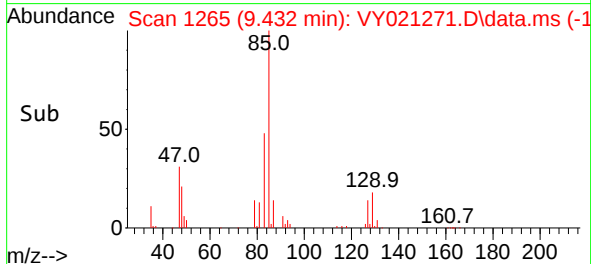
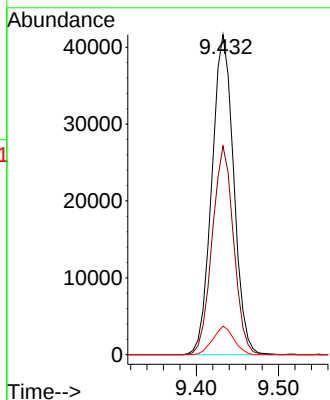


#47
Bromodichloromethane
Concen: 67.161 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Instrument :
MSVOA_Y
ClientSampleId :

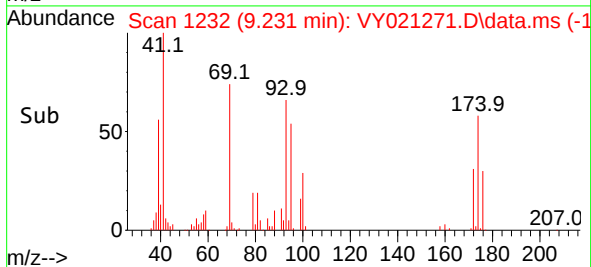
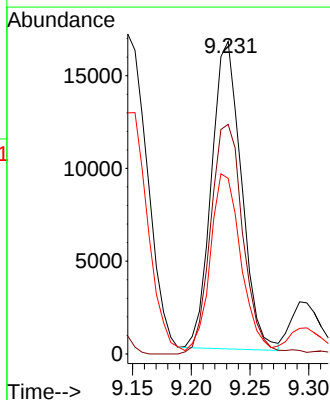
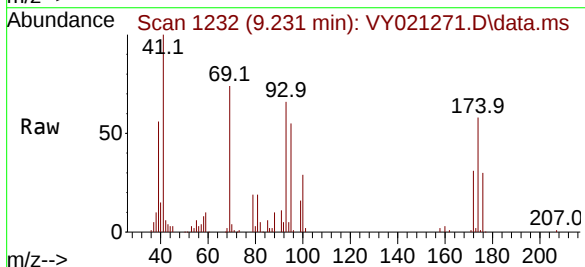


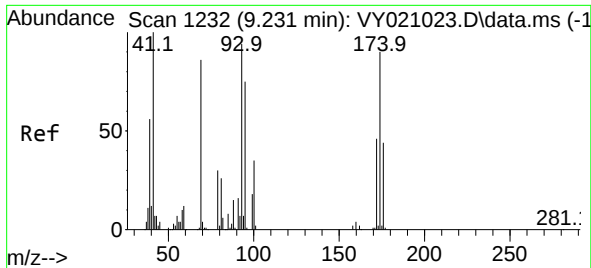
Tgt Ion: 83 Resp: 76897
Ion Ratio Lower Upper
83 100
85 65.2 53.2 79.8
127 9.0 6.4 9.6



#48
Methyl methacrylate
Concen: 66.911 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 41 Resp: 29410
Ion Ratio Lower Upper
41 100
69 81.0 72.1 108.1
39 59.7 42.8 64.2

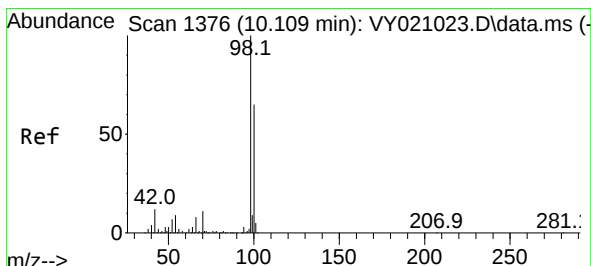
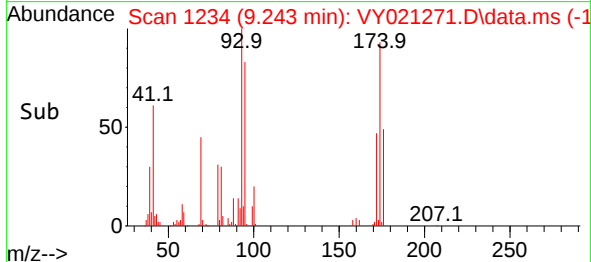
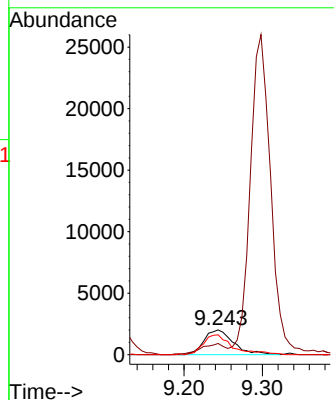
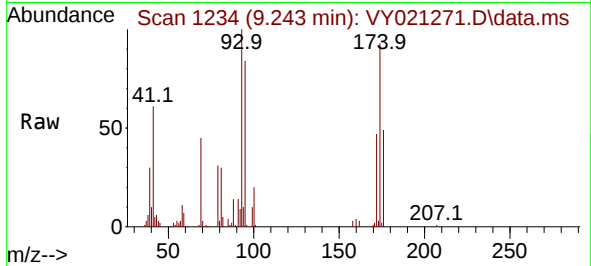




#49
1,4-Dioxane
Concen: 1323.764 ug/l
RT: 9.243 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

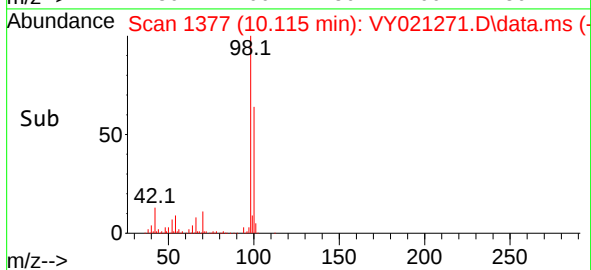
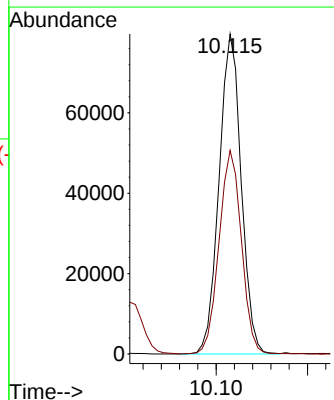
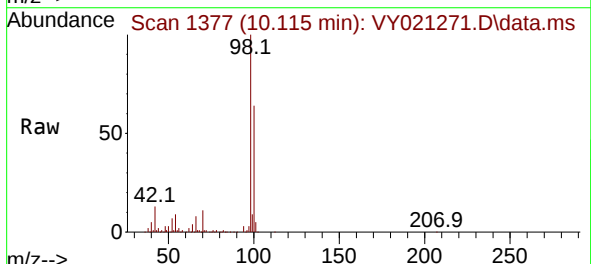
Instrument :
MSVOA_Y
ClientSampleId :

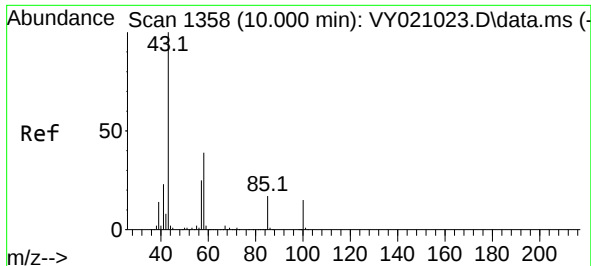
Tgt Ion: 88 Resp: 5261
Ion Ratio Lower Upper
88 100
43 37.2 28.2 42.4
58 80.4 52.2 78.2#



#50
Toluene-d8
Concen: 47.100 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 98 Resp: 134013
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

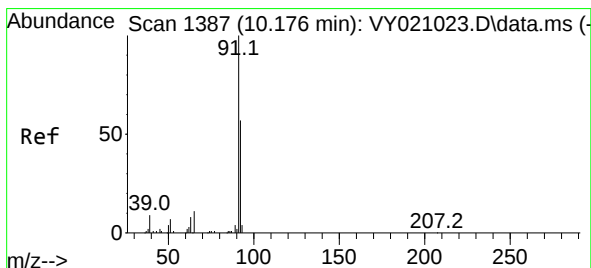
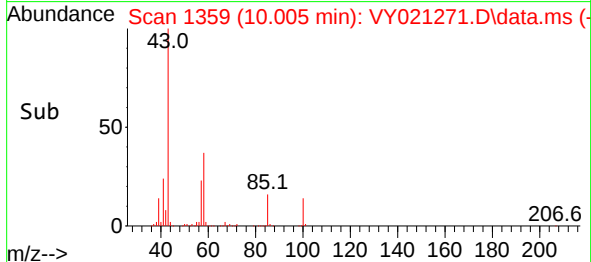
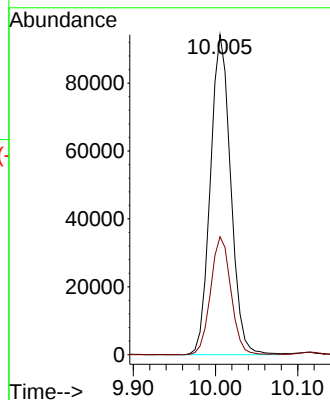
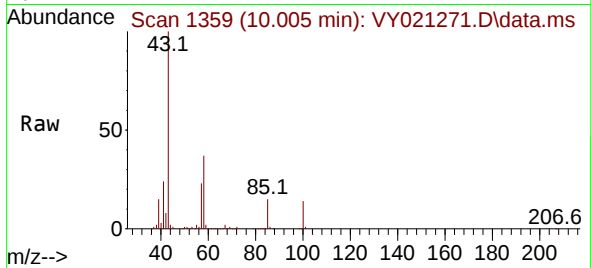




#51
4-Methyl-2-Pentanone
Concen: 332.905 ug/l
RT: 10.005 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

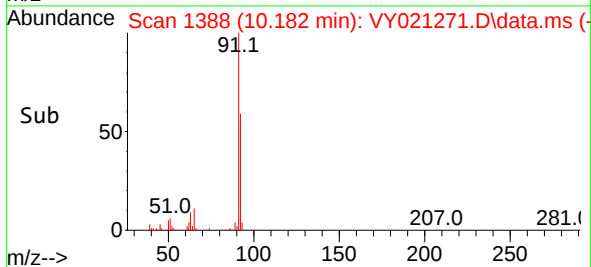
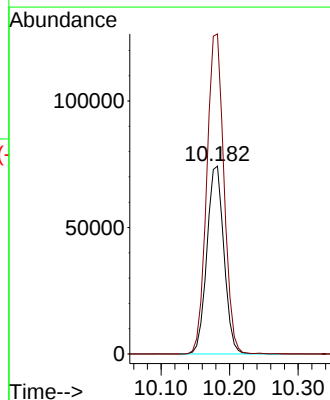
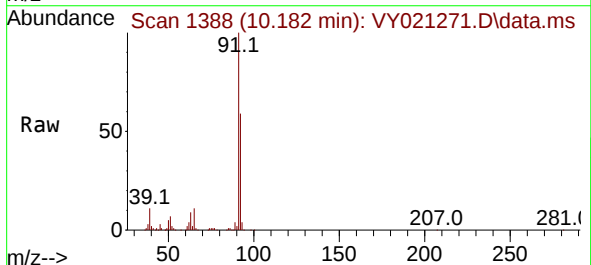
Instrument :
MSVOA_Y
ClientSampleId :

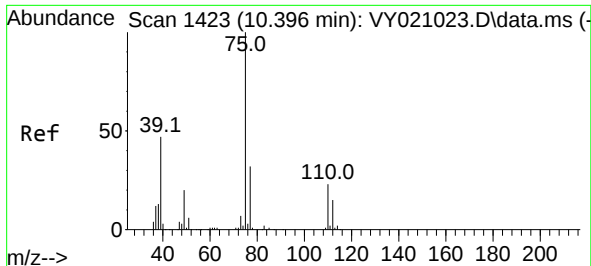
Tgt Ion: 43 Resp: 161538
Ion Ratio Lower Upper
43 100
58 36.8 32.2 48.2



#52
Toluene
Concen: 62.958 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 92 Resp: 128421
Ion Ratio Lower Upper
92 100
91 172.3 137.6 206.4

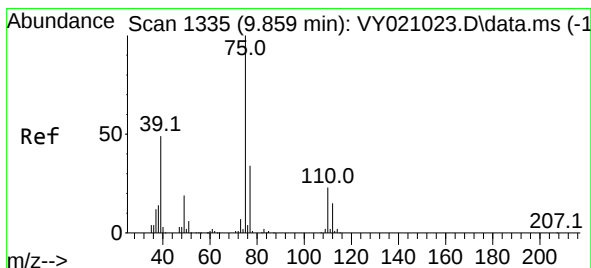
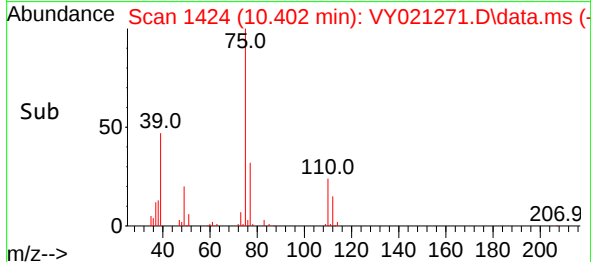
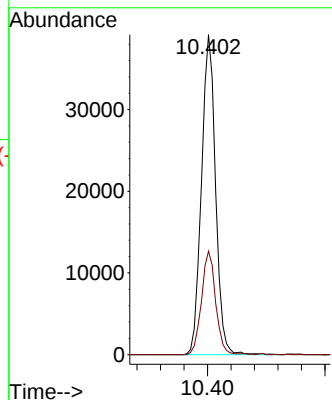
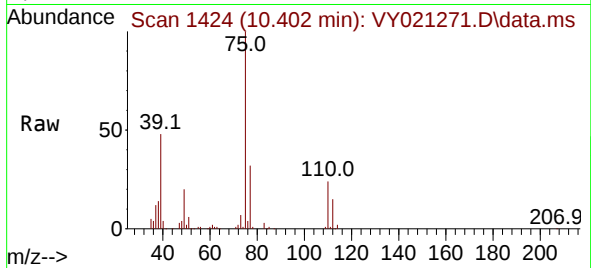




#53
 t-1,3-Dichloropropene
 Concen: 63.377 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021271.D
 Acq: 20 Feb 2025 23:43

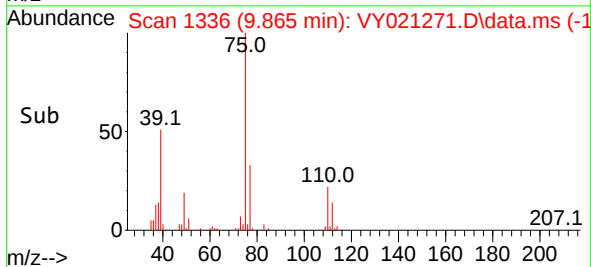
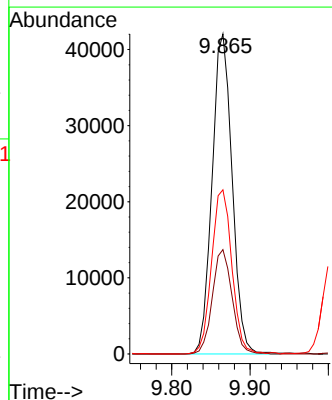
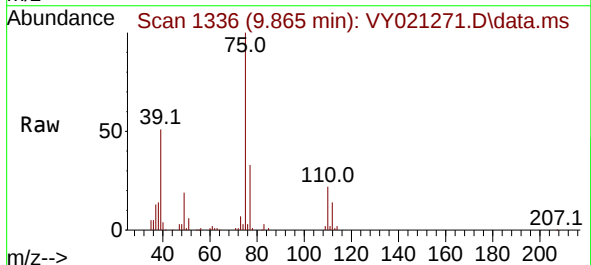
Instrument :
 MSVOA_Y
 ClientSampleId :

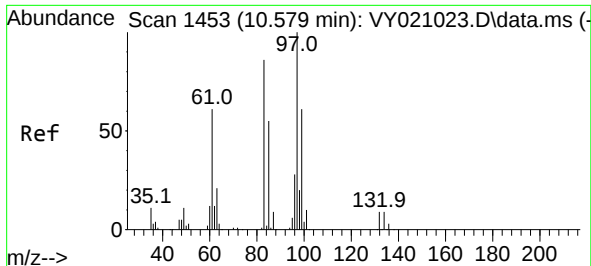
Tgt Ion: 75 Resp: 65157
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 61.397 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021271.D
 Acq: 20 Feb 2025 23:43

Tgt Ion: 75 Resp: 74737
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 36.8
 39 51.3 33.6 50.4#

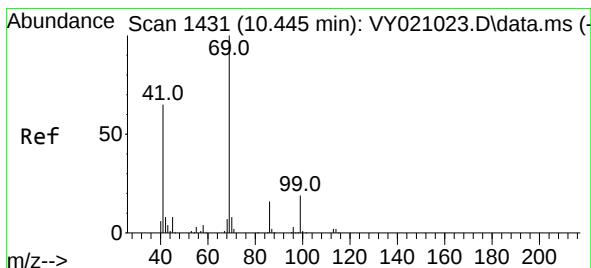
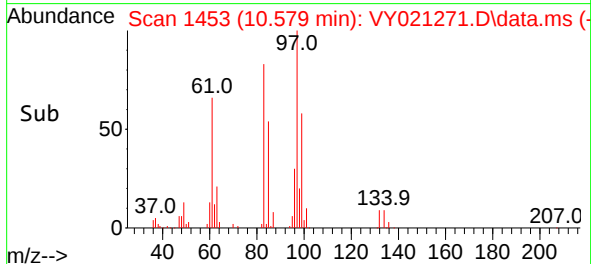
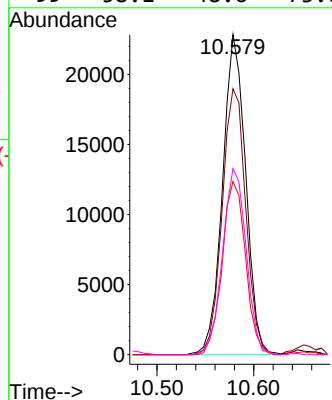
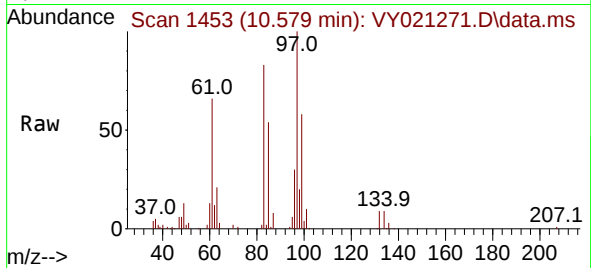




#55
1,1,2-Trichloroethane
Concen: 68.375 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

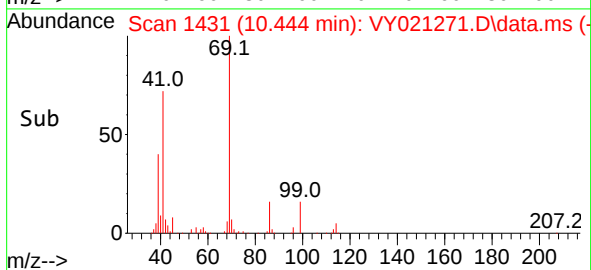
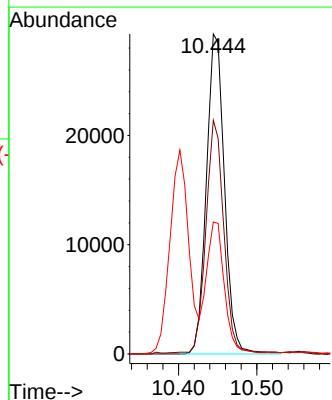
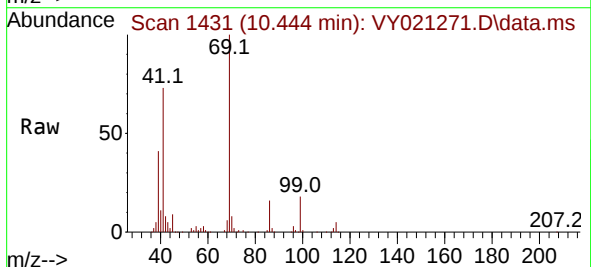
Instrument :
MSVOA_Y
ClientSampleId :

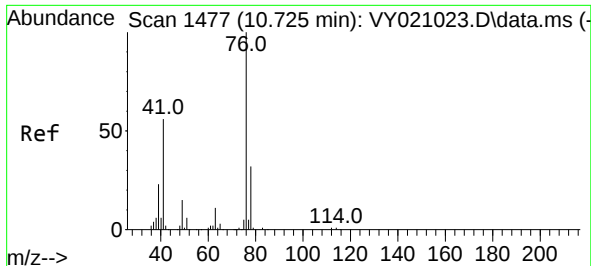
Tgt Ion:	97	Resp:	37800
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.4	104.2
85	54.1	43.9	65.9
99	58.1	48.6	73.0



#56
Ethyl methacrylate
Concen: 63.370 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion:	69	Resp:	46866
Ion	Ratio	Lower	Upper
69	100		
41	71.5	49.2	73.8
39	40.2	26.8	40.2

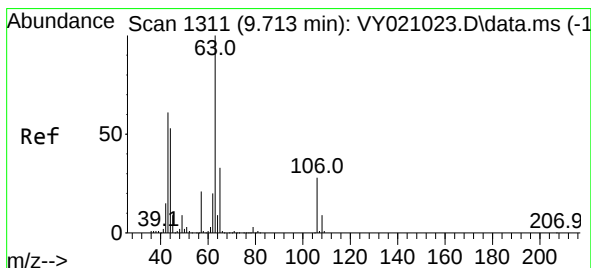
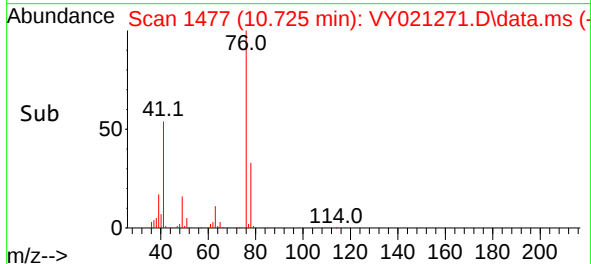
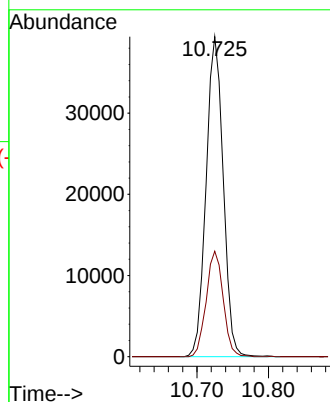
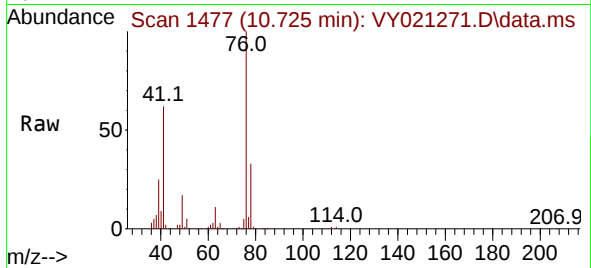




#57
1,3-Dichloropropane
Concen: 68.447 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

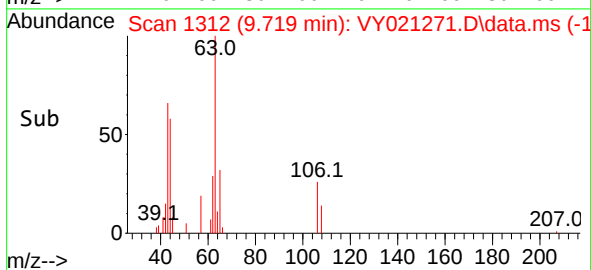
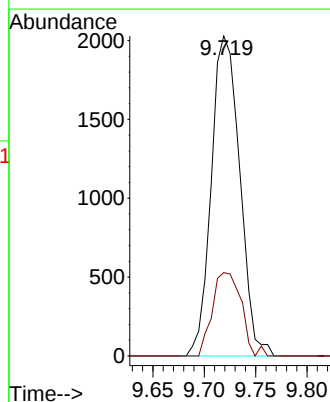
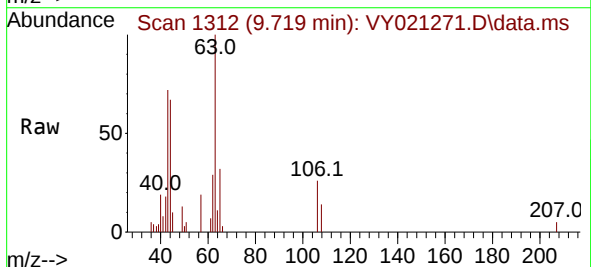
Instrument :
MSVOA_Y
ClientSampleId :

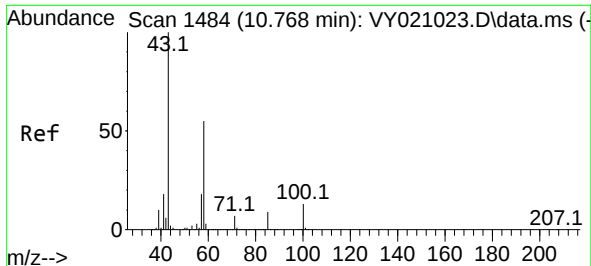
Tgt Ion: 76 Resp: 65496
Ion Ratio Lower Upper
76 100
78 32.7 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 11.101 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 63 Resp: 3906
Ion Ratio Lower Upper
63 100
106 26.5 22.4 33.6

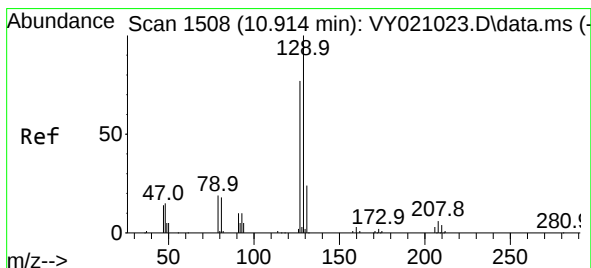
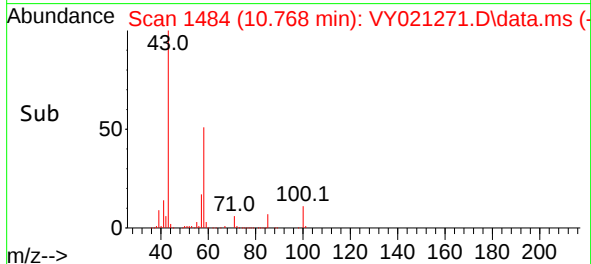
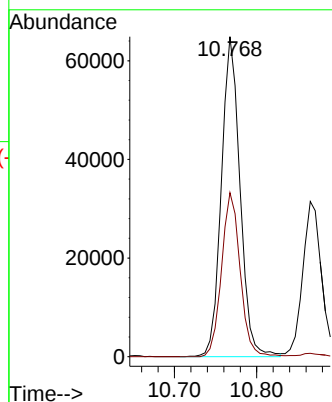
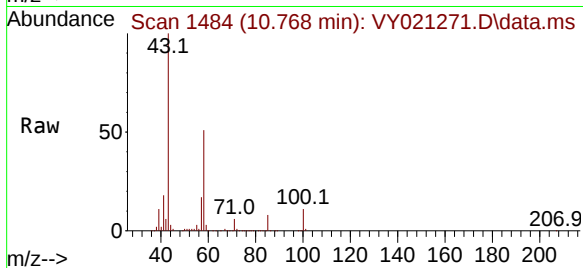




#59
2-Hexanone
Concen: 327.057 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

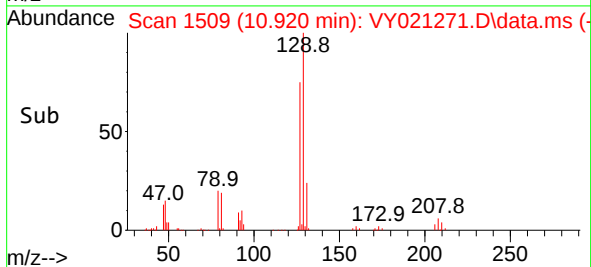
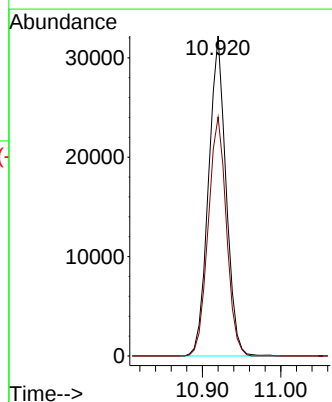
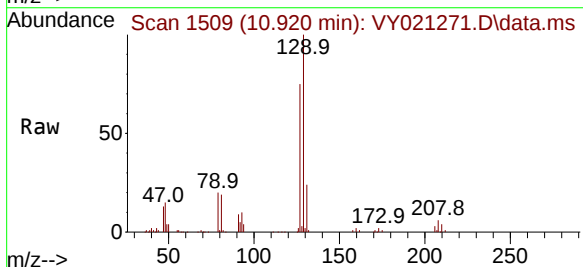
Instrument :
MSVOA_Y
ClientSampleId :

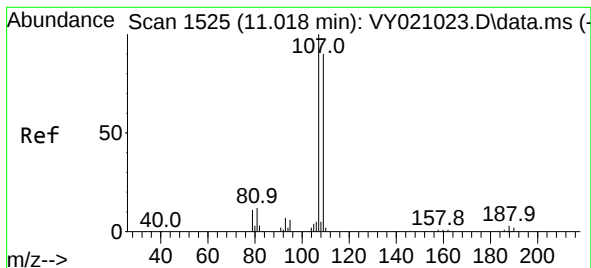
Tgt Ion: 43 Resp: 102181
Ion Ratio Lower Upper
43 100
58 51.2 28.1 84.3



#60
Dibromochloromethane
Concen: 64.323 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 129 Resp: 49938
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6

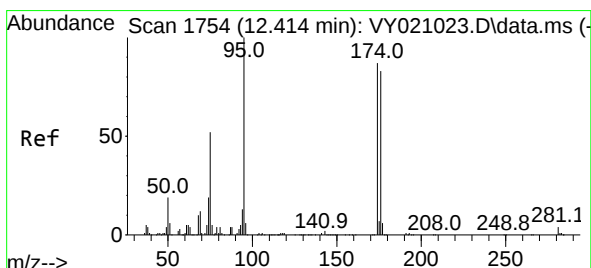
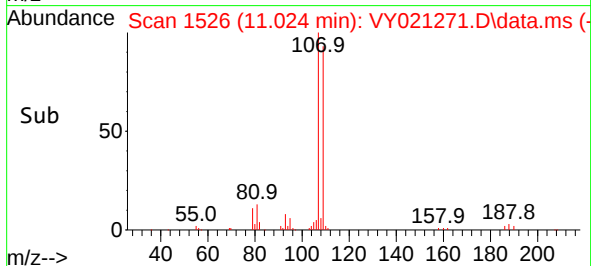
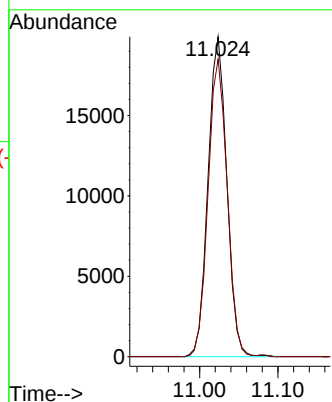
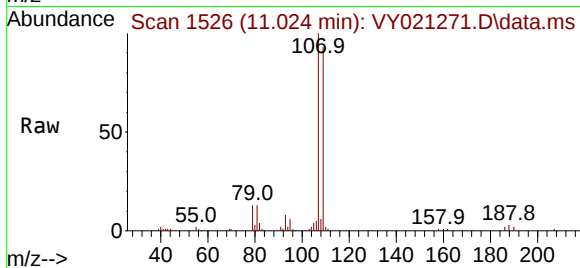




#61
1,2-Dibromoethane
Concen: 63.914 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

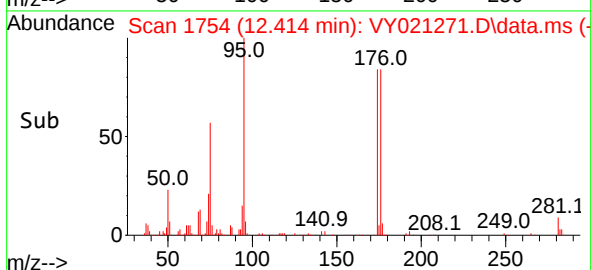
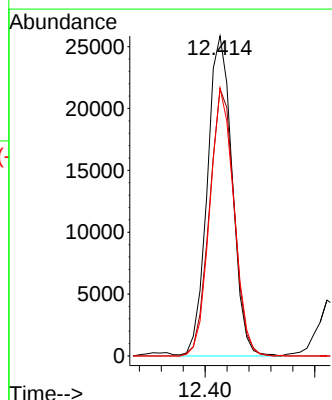
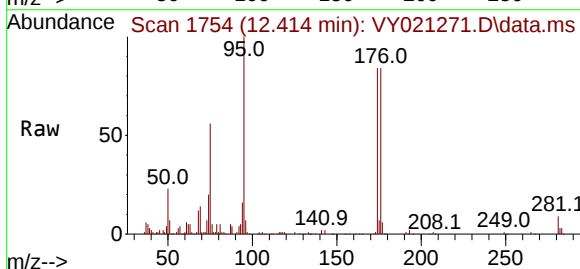
Instrument :
MSVOA_Y
ClientSampleId :

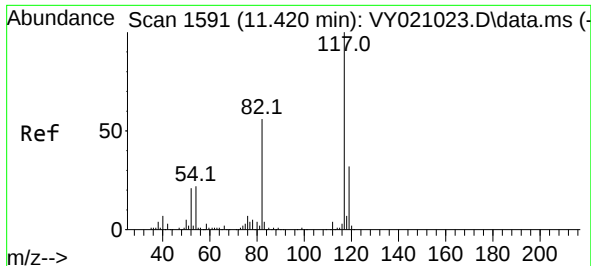
Tgt Ion:107 Resp: 33096
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 43.855 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

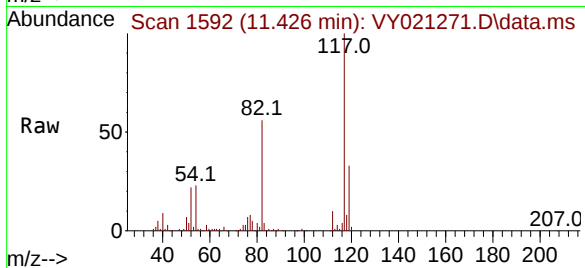
Tgt Ion: 95 Resp: 40765
Ion Ratio Lower Upper
95 100
174 83.1 0.0 160.0
176 81.3 0.0 151.8



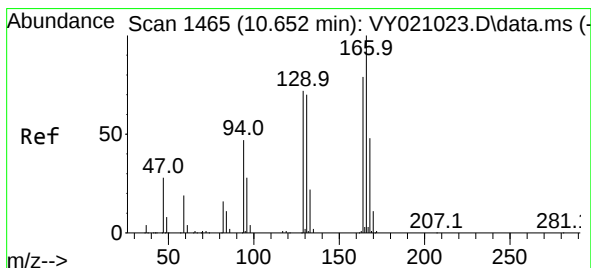
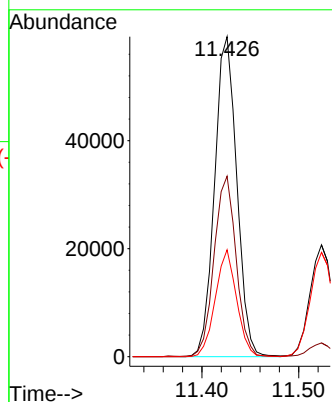
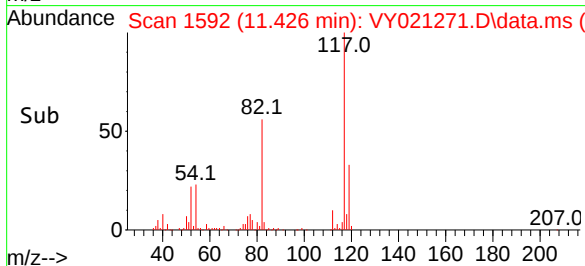


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

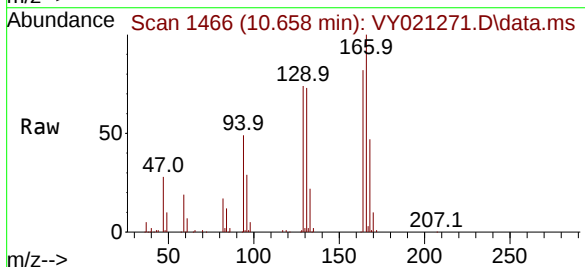
Instrument :
MSVOA_Y
ClientSampleId :



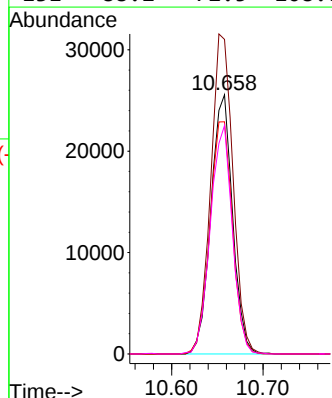
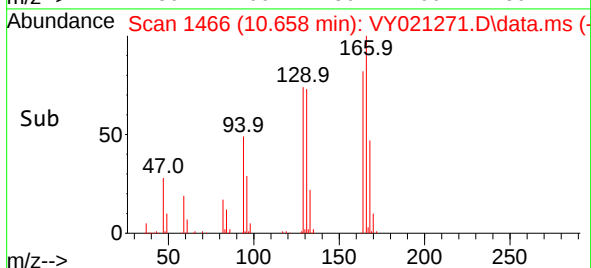
Tgt Ion:117 Resp: 94467
Ion Ratio Lower Upper
117 100
82 56.4 43.8 65.8
119 33.4 26.5 39.7

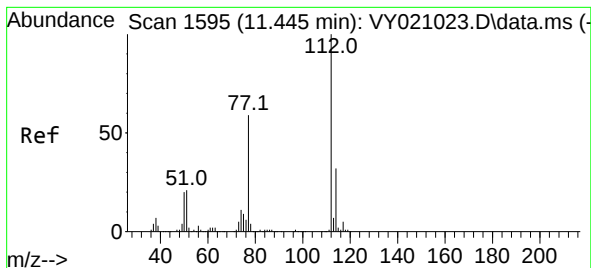


#64
Tetrachloroethene
Concen: 60.022 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43



Tgt Ion:164 Resp: 42092
Ion Ratio Lower Upper
164 100
166 121.4 98.8 148.2
129 89.6 78.9 118.3
131 88.2 72.5 108.7





#65

Chlorobenzene

Concen: 61.257 ug/l

RT: 11.450 min Scan# 1596

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

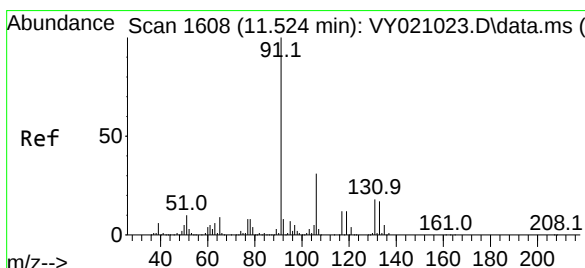
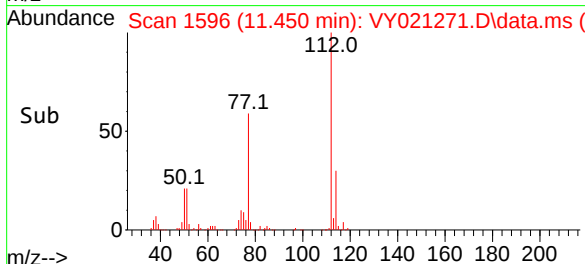
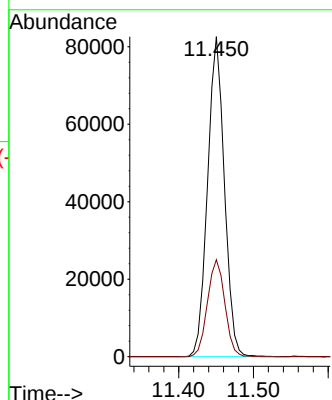
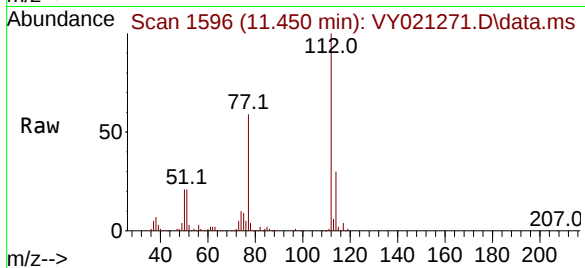
ClientSampleId :

Tgt Ion:112 Resp: 128853

Ion Ratio Lower Upper

112 100

114 30.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 66.673 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.000 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

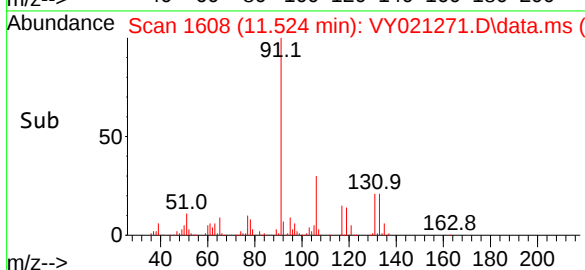
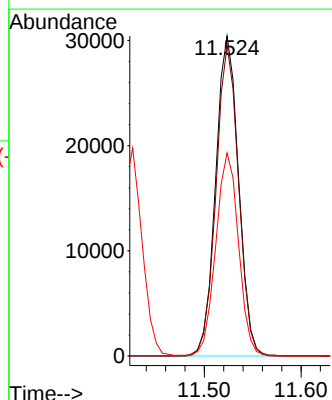
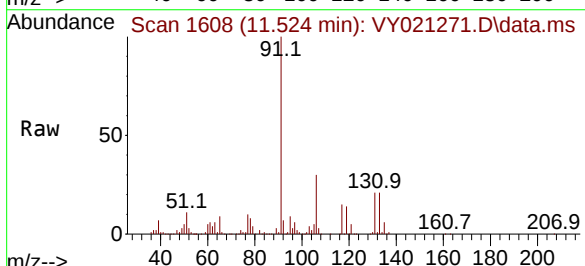
Tgt Ion:131 Resp: 49839

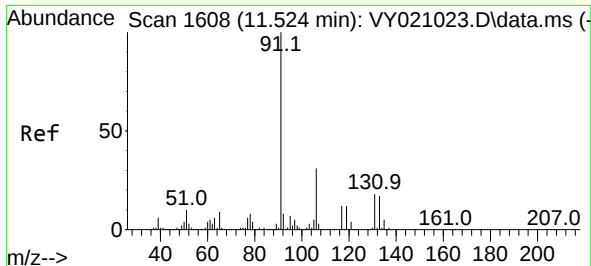
Ion Ratio Lower Upper

131 100

133 95.9 47.0 141.0

119 63.3 33.3 99.9





#67

Ethyl Benzene

Concen: 60.967 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

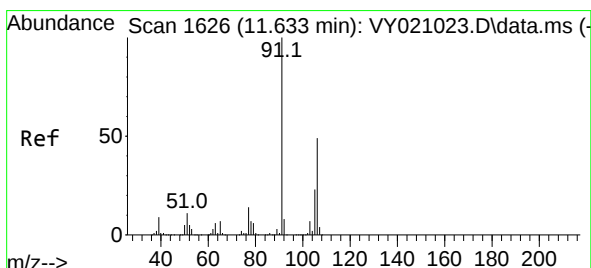
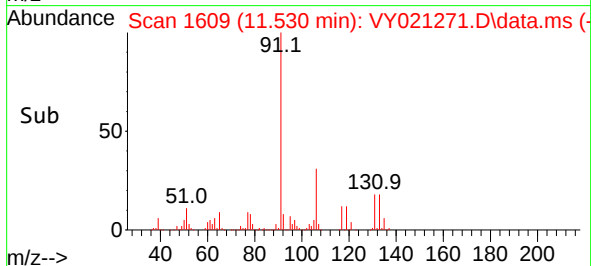
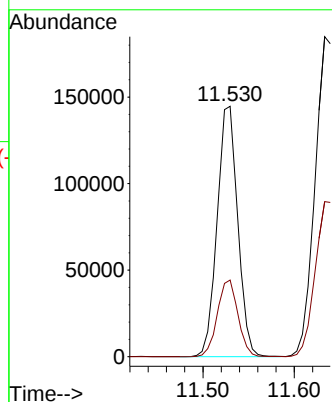
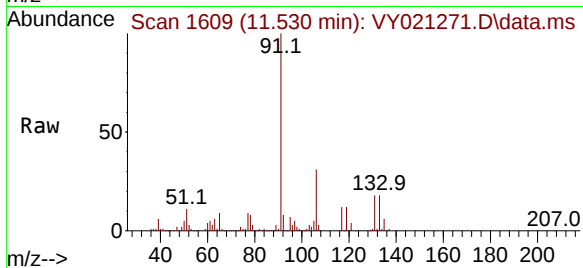
ClientSampleId :

Tgt Ion: 91 Resp: 226825

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 118.507 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY021271.D

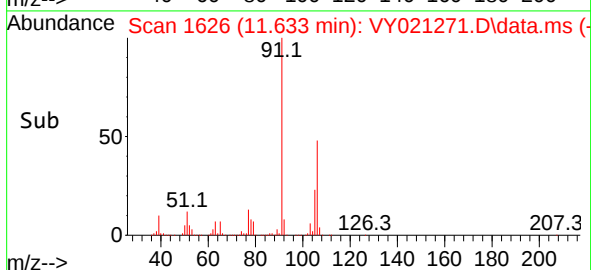
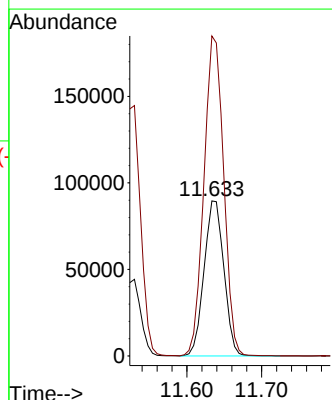
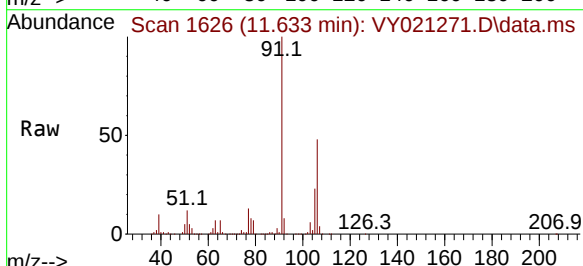
Acq: 20 Feb 2025 23:43

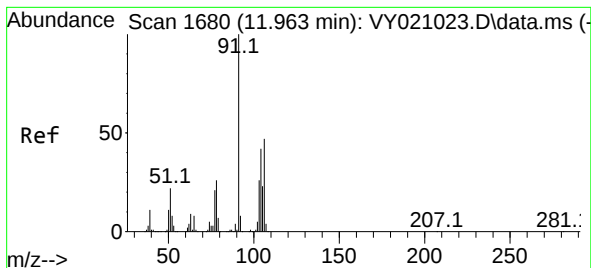
Tgt Ion:106 Resp: 164941

Ion Ratio Lower Upper

106 100

91 205.9 160.7 241.1





#69

o-Xylene

Concen: 61.181 ug/l

RT: 11.962 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

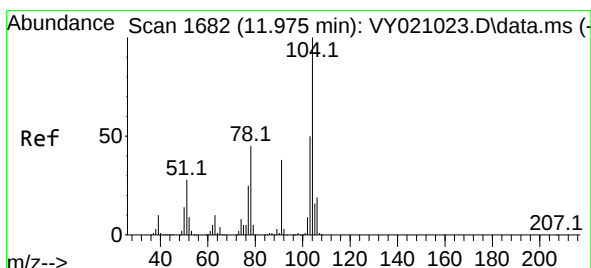
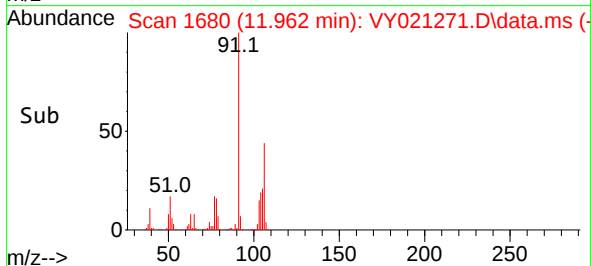
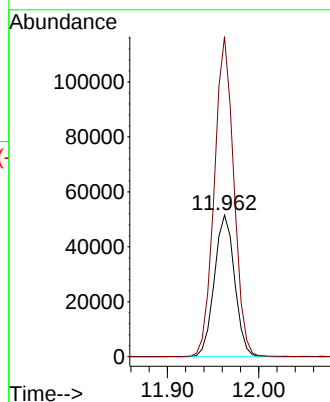
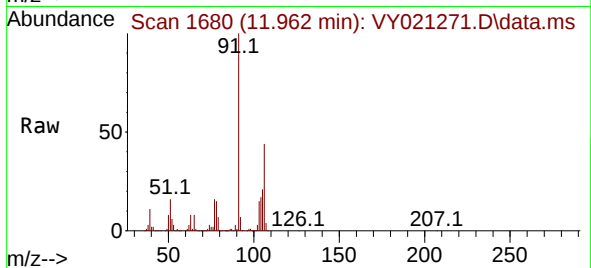
ClientSampleId :

Tgt Ion:106 Resp: 79391

Ion Ratio Lower Upper

106 100

91 218.0 106.5 319.5



#70

Styrene

Concen: 41.359 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

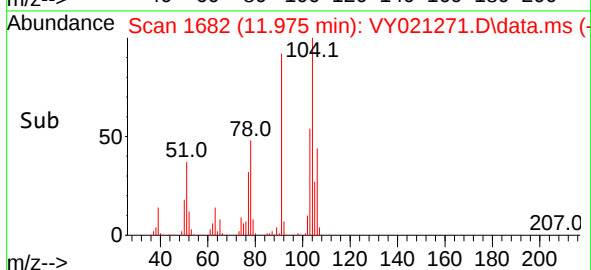
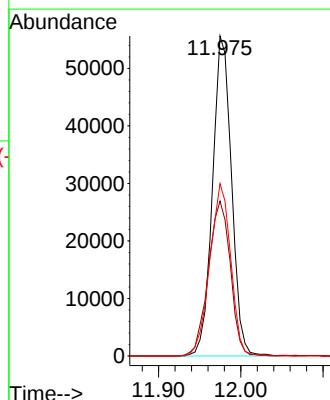
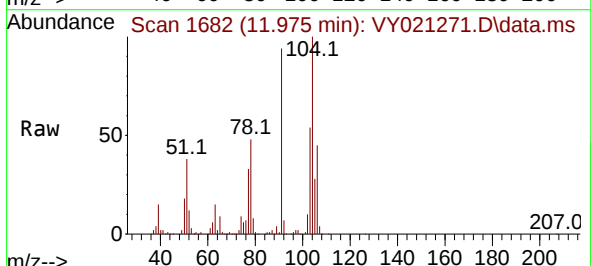
Tgt Ion:104 Resp: 89450

Ion Ratio Lower Upper

104 100

78 56.2 39.2 58.8

103 59.2 43.8 65.6





#71

Bromoform

Concen: 65.665 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

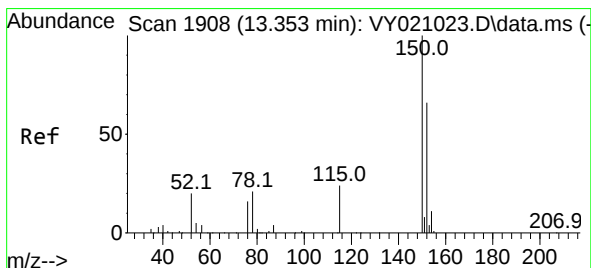
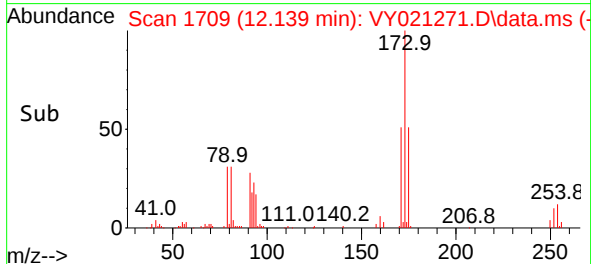
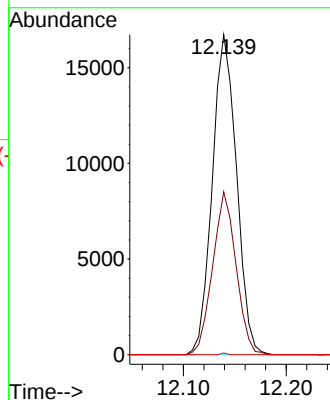
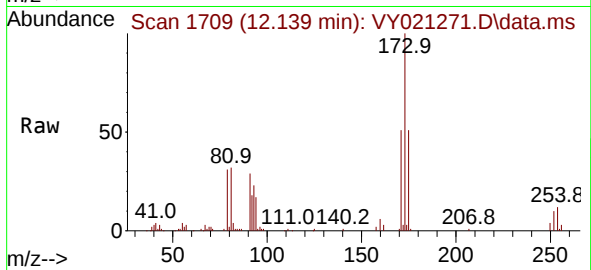
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 27322

Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.5	70.6
254	0.1	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

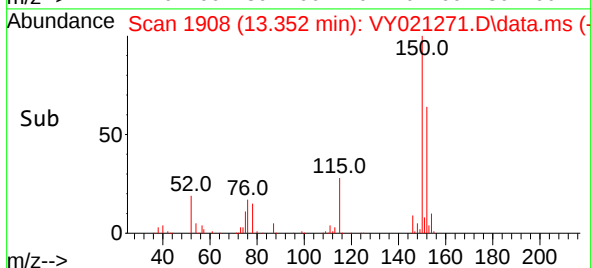
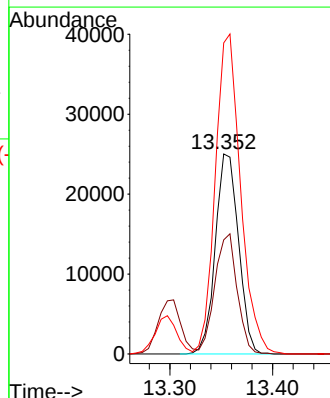
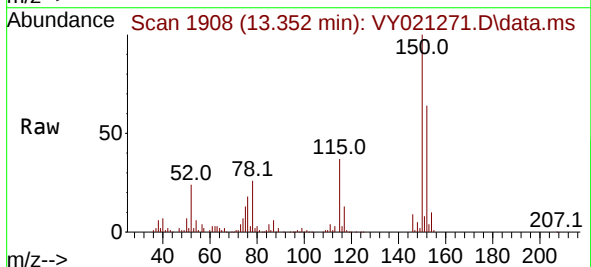
Delta R.T. -0.000 min

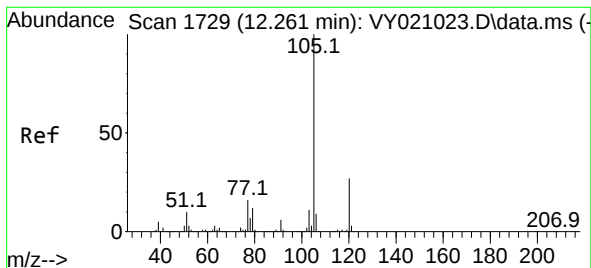
Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Tgt Ion:152 Resp: 39201

Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.0	90.0
150	174.2	0.0	344.6





#73

Isopropylbenzene

Concen: 64.798 ug/l

RT: 12.261 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

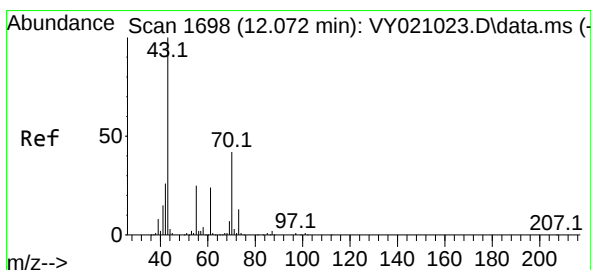
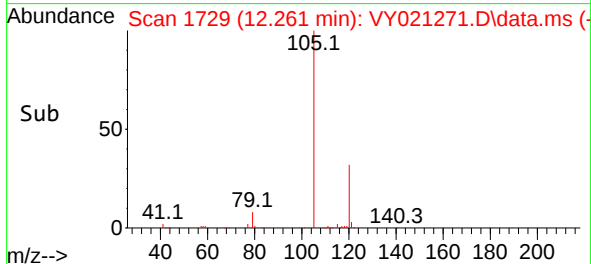
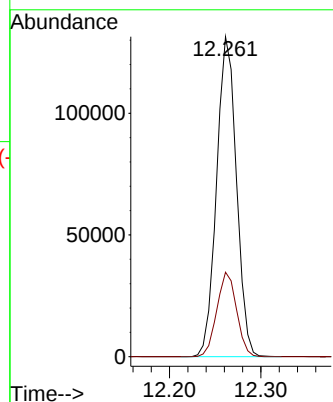
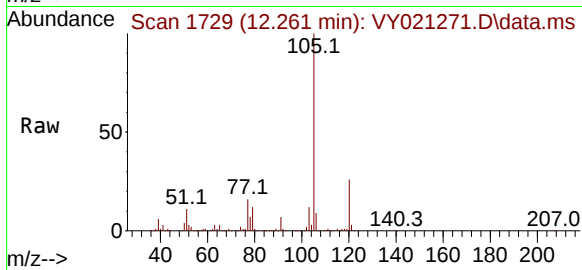
ClientSampleId :

Tgt Ion:105 Resp: 198421

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 76.630 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Tgt Ion: 43 Resp: 51302

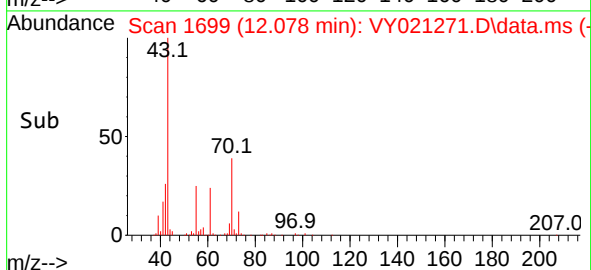
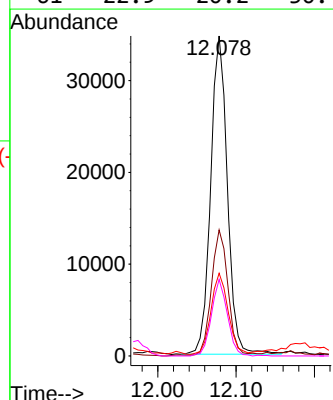
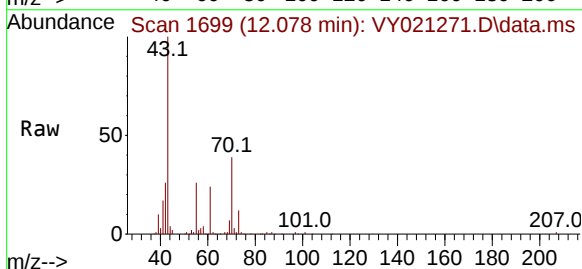
Ion Ratio Lower Upper

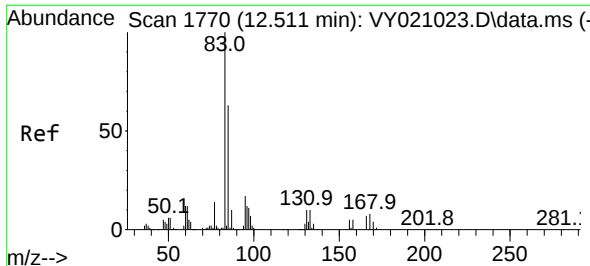
43 100

70 39.0 36.6 55.0

55 26.0 22.2 33.4

61 22.9 20.2 30.4

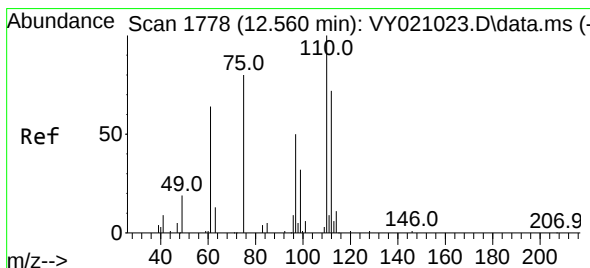
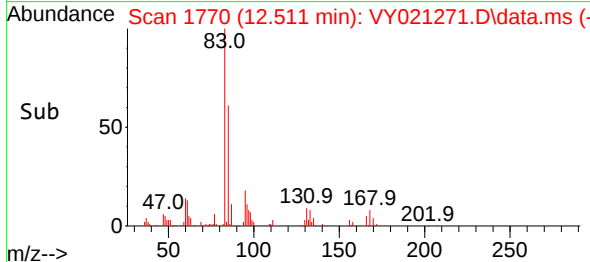
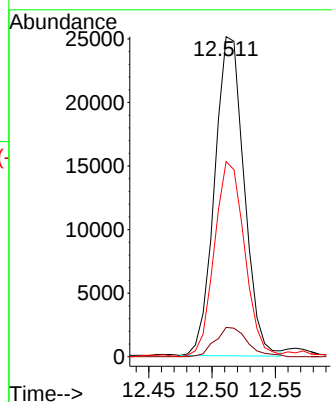
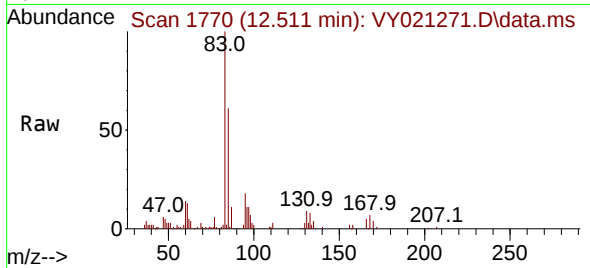




#75
 1,1,2,2-Tetrachloroethane
 Concen: 79.910 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY021271.D
 Acq: 20 Feb 2025 23:43

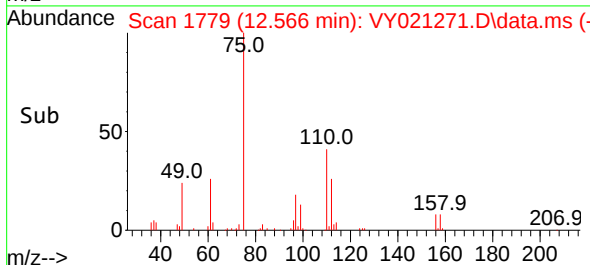
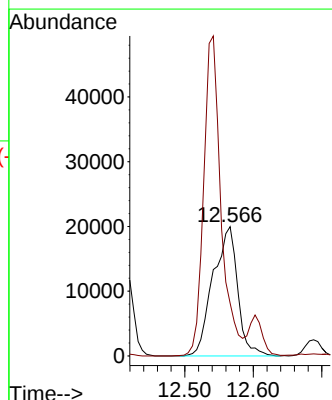
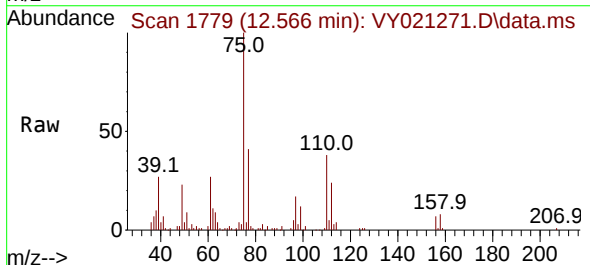
Instrument :
 MSVOA_Y
 ClientSampleId :

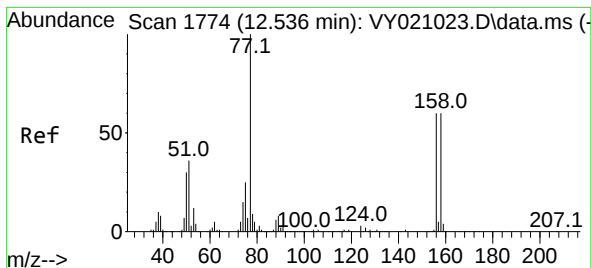
Tgt Ion: 83 Resp: 40696
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.9 14.6
 85 62.5 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 140.283 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY021271.D
 Acq: 20 Feb 2025 23:43

Tgt Ion: 75 Resp: 49885
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 64.749 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY021271.D

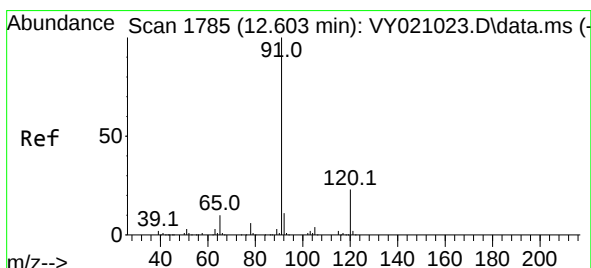
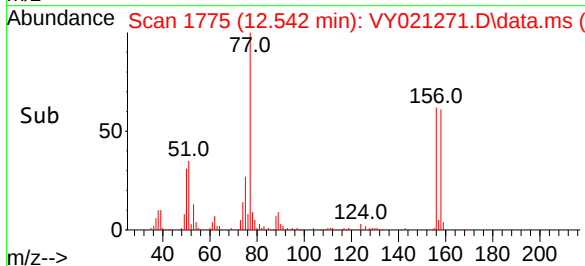
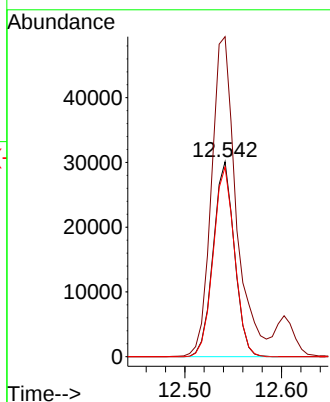
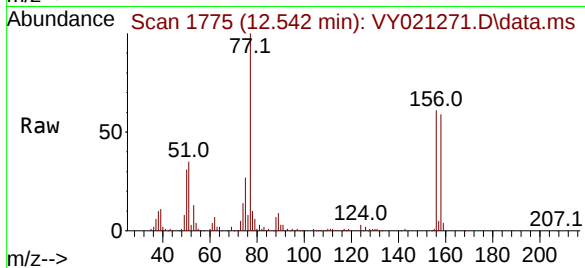
Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	45754
Ion Ratio	Lower	Upper	
156	100		
77	191.4	97.3	291.8
158	98.2	48.4	145.0



#78

n-propylbenzene

Concen: 59.298 ug/l

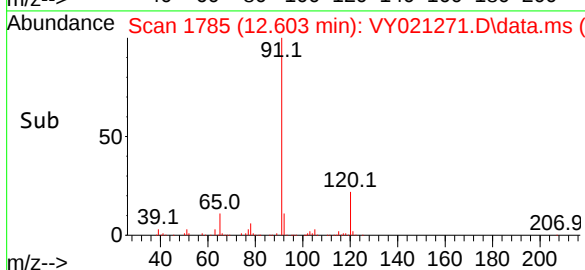
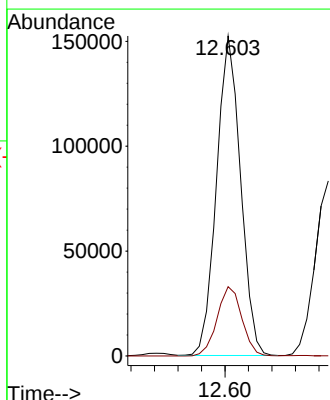
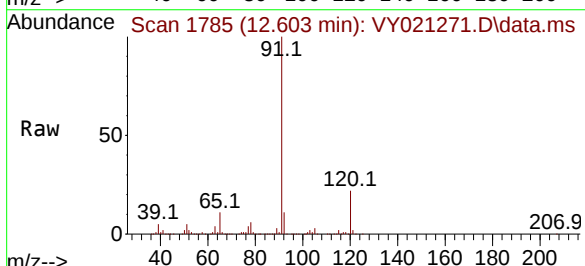
RT: 12.603 min Scan# 1785

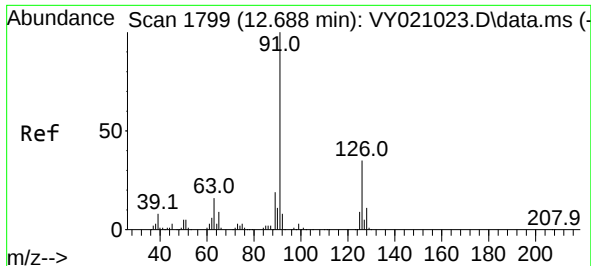
Delta R.T. -0.000 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Tgt Ion:	91	Resp:	216304
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.0	33.0

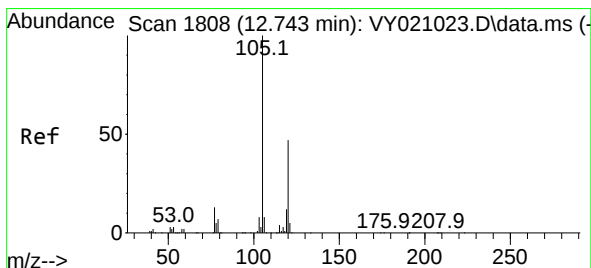
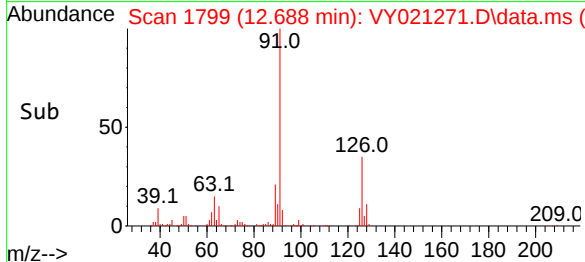
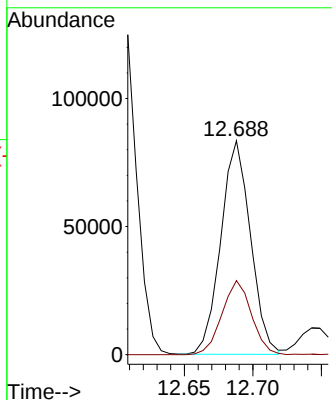
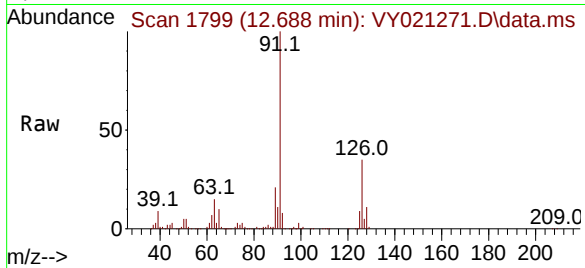




#79
2-Chlorotoluene
Concen: 60.199 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

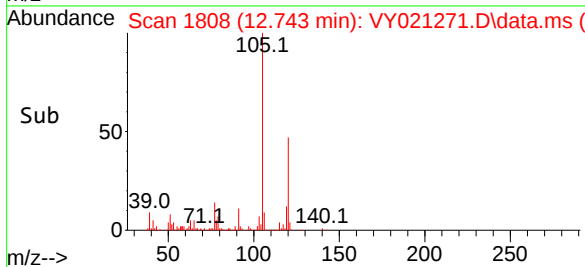
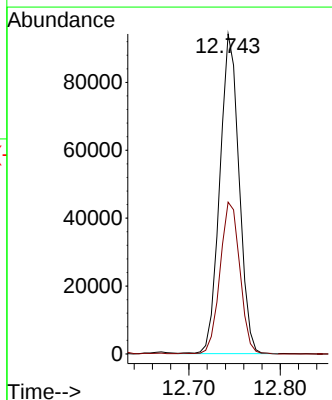
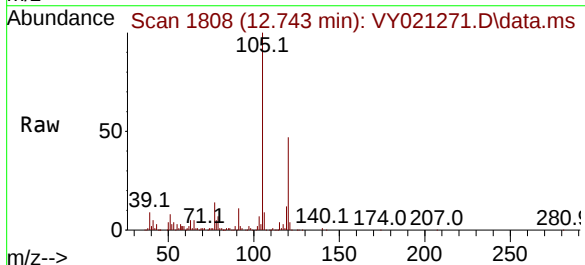
Instrument :
MSVOA_Y
ClientSampleId :

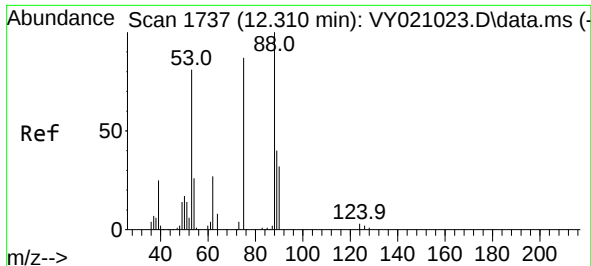
Tgt Ion: 91 Resp: 125770
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 55.622 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 105 Resp: 138094
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

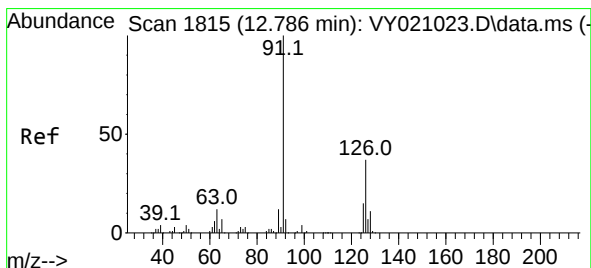
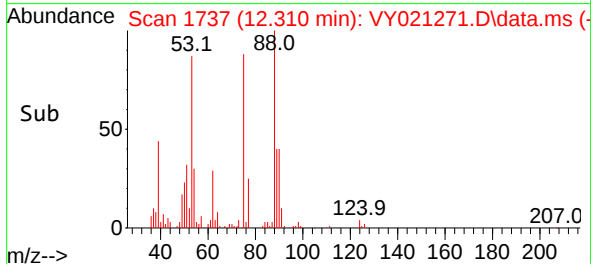
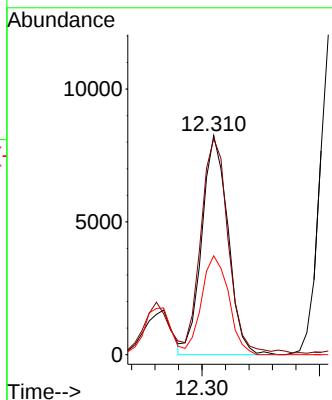
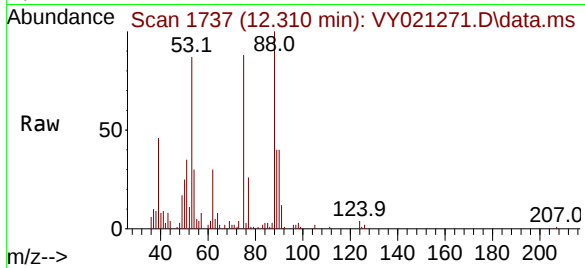




#81
trans-1,4-Dichloro-2-butene
Concen: 73.132 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

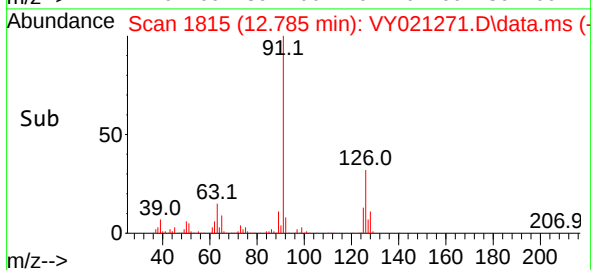
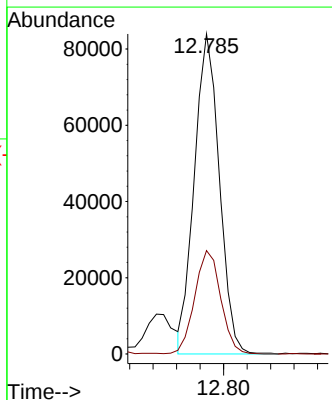
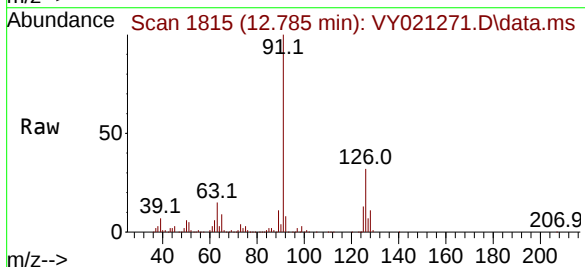
Instrument :
MSVOA_Y
ClientSampleId :

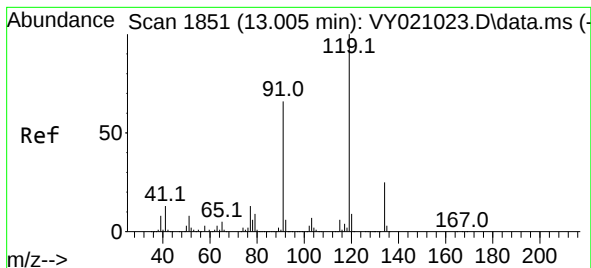
Tgt Ion: 75 Resp: 12745
Ion Ratio Lower Upper
75 100
53 102.5 74.0 111.0
89 46.7 36.5 54.7



#82
4-Chlorotoluene
Concen: 58.169 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion: 91 Resp: 123820
Ion Ratio Lower Upper
91 100
126 33.6 17.1 51.2





#83

tert-Butylbenzene

Concen: 56.208 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

ClientSampleId :

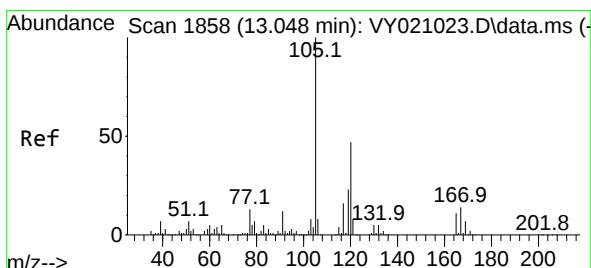
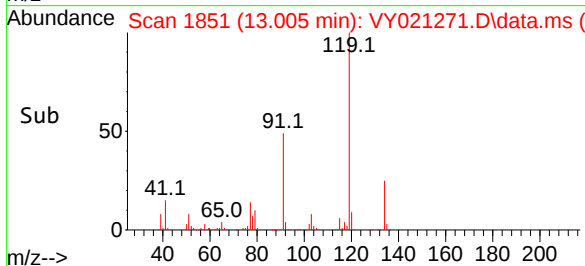
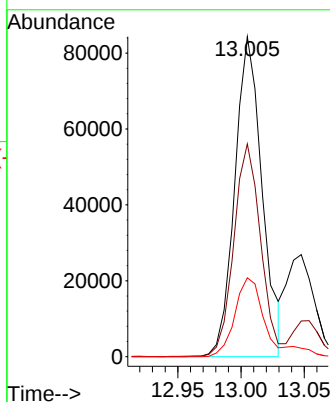
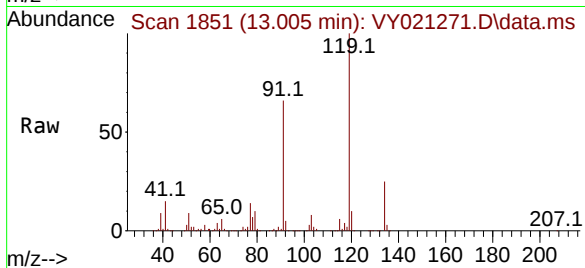
Tgt Ion:119 Resp: 126842

Ion Ratio Lower Upper

119 100

91 66.0 31.5 94.5

134 27.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 56.380 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VY021271.D

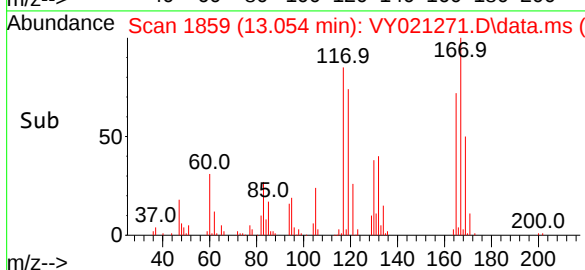
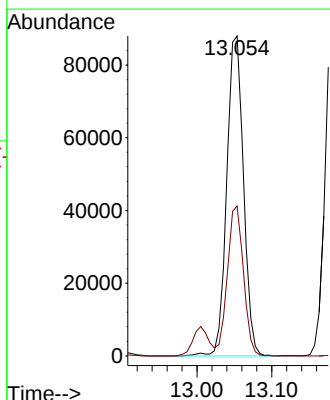
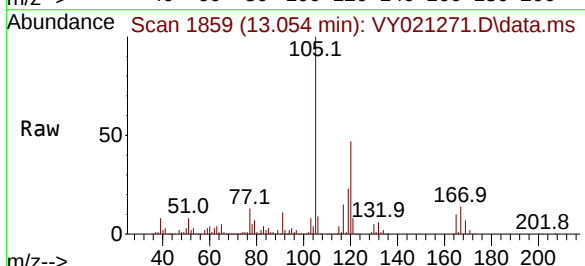
Acq: 20 Feb 2025 23:43

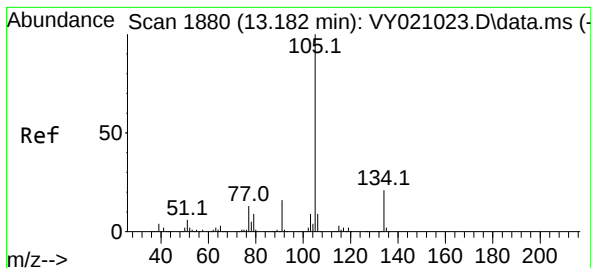
Tgt Ion:105 Resp: 136863

Ion Ratio Lower Upper

105 100

120 45.1 22.1 66.3





#85

sec-Butylbenzene

Concen: 49.230 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

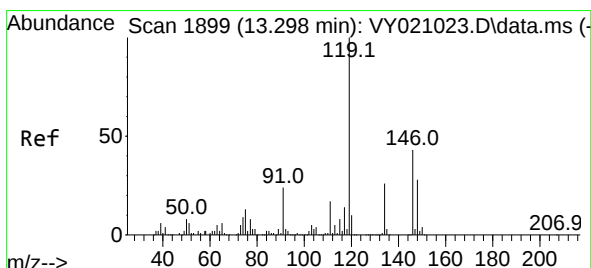
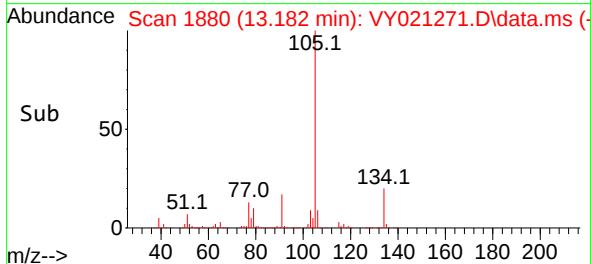
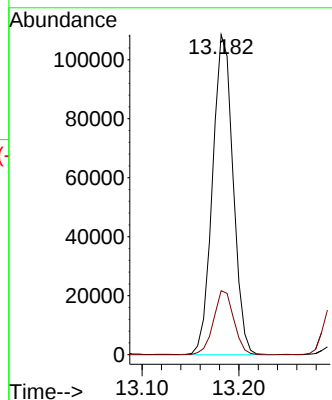
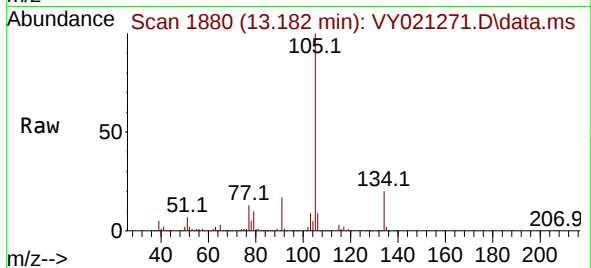
ClientSampleId :

Tgt Ion:105 Resp: 159919

Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 46.418 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

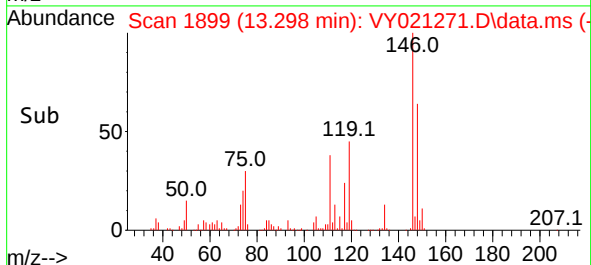
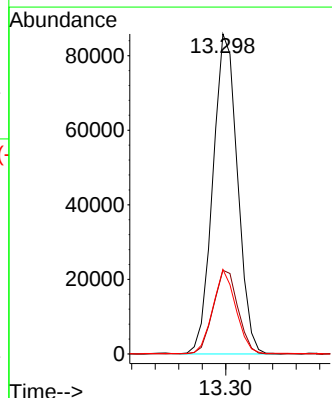
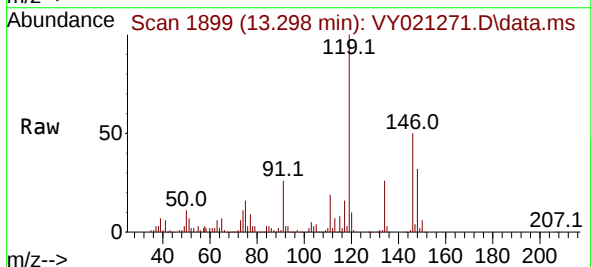
Tgt Ion:119 Resp: 125252

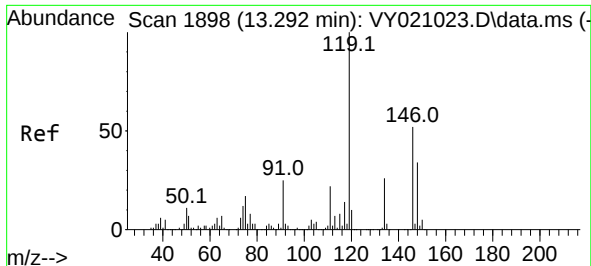
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 24.5 11.7 35.0

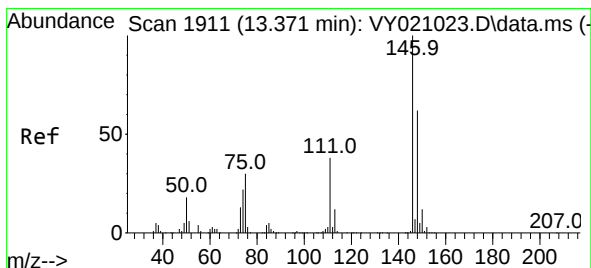
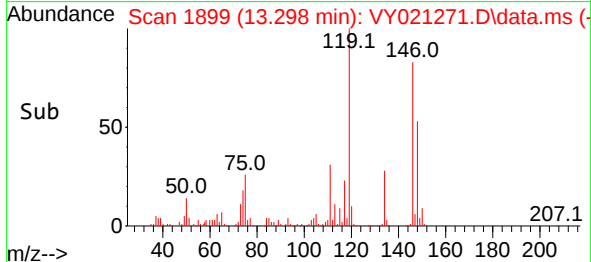
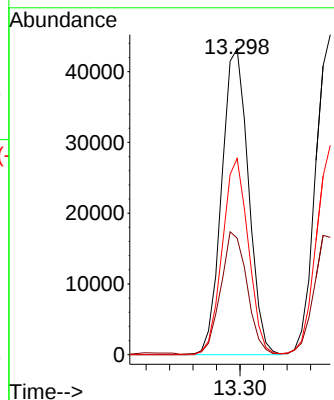
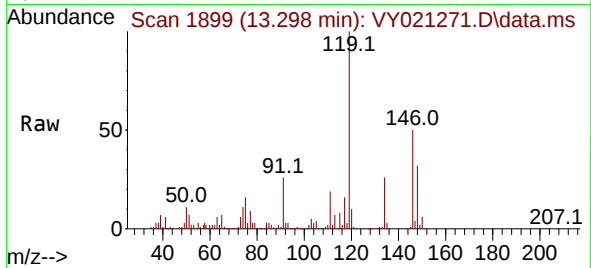




#87
1,3-Dichlorobenzene
Concen: 50.105 ug/l
RT: 13.298 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

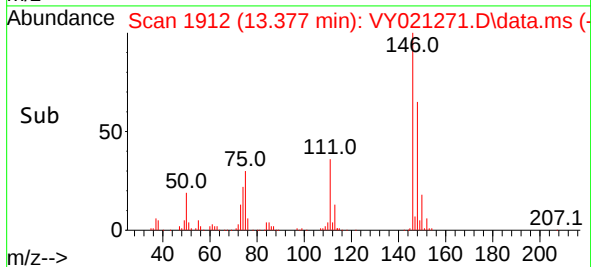
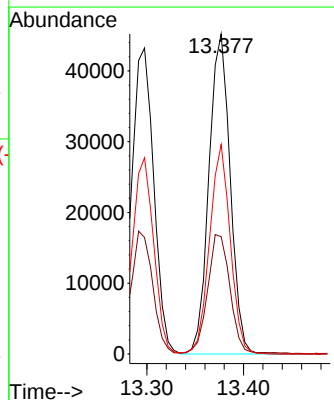
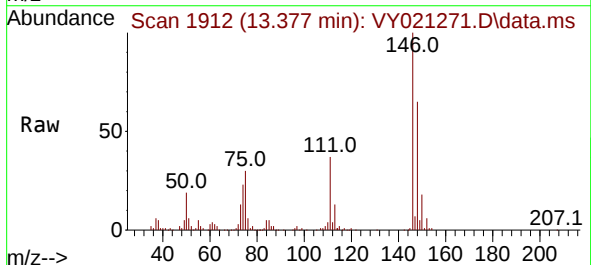
Instrument :
MSVOA_Y
ClientSampleId :

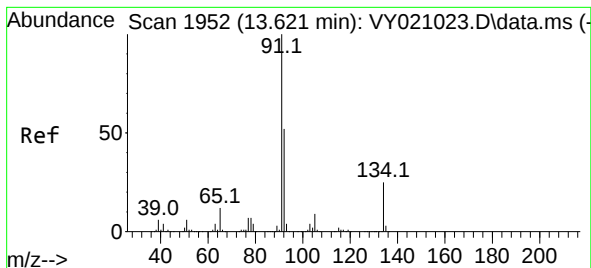
Tgt Ion:146 Resp: 68365
Ion Ratio Lower Upper
146 100
111 39.8 20.2 60.5
148 62.4 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 51.400 ug/l
RT: 13.377 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VY021271.D
Acq: 20 Feb 2025 23:43

Tgt Ion:146 Resp: 69053
Ion Ratio Lower Upper
146 100
111 39.9 19.3 57.9
148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 37.645 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VY021271.D

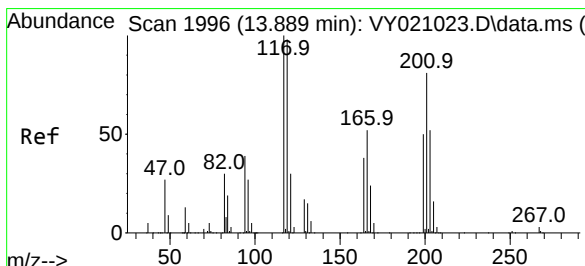
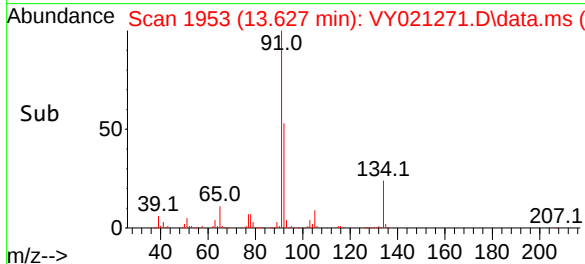
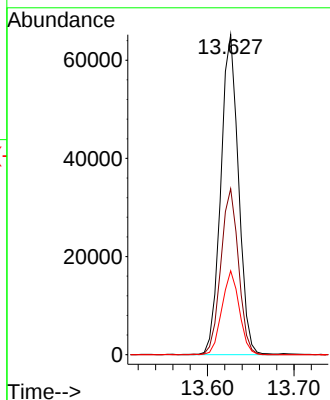
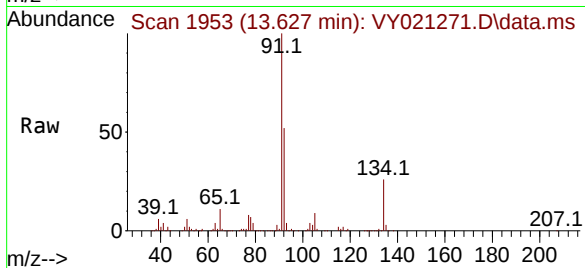
Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 92670
Ion Ratio	Lower Upper
91	100
92	51.6 26.4 79.2
134	25.7 12.3 36.8



#90

Hexachloroethane

Concen: 50.314 ug/l

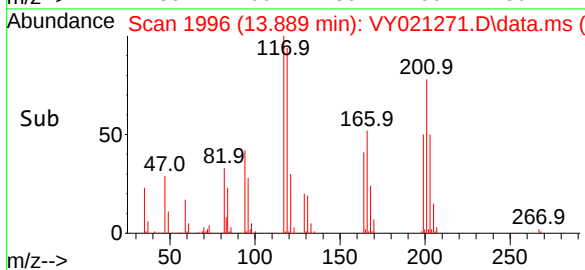
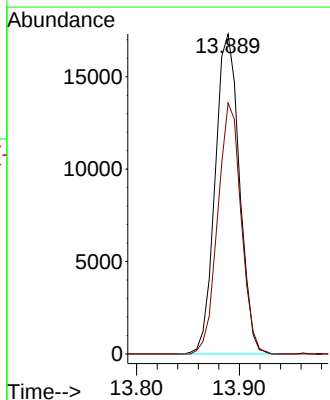
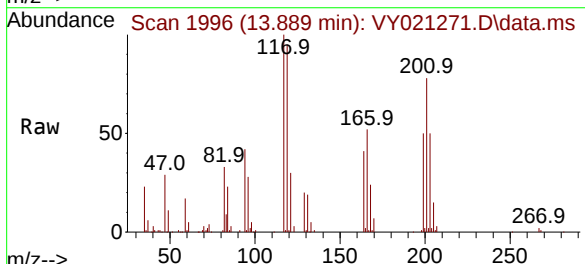
RT: 13.889 min Scan# 1996

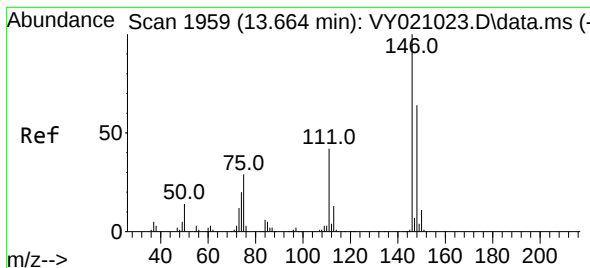
Delta R.T. -0.000 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Tgt Ion: 117	Resp: 28323
Ion Ratio	Lower Upper
117	100
201	75.6 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 53.674 ug/l

RT: 13.669 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

ClientSampleId :

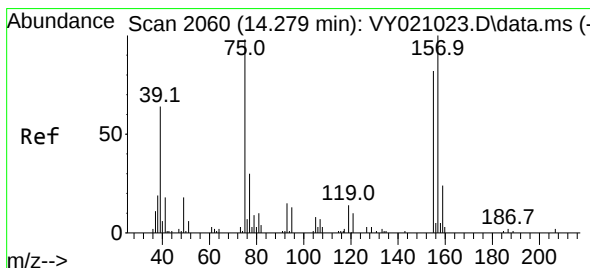
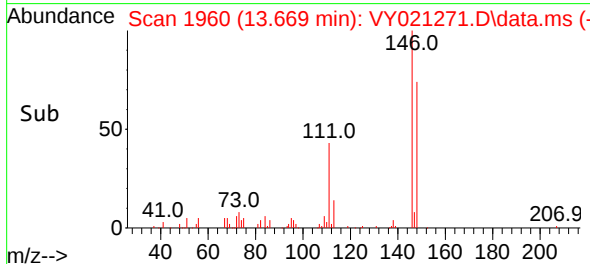
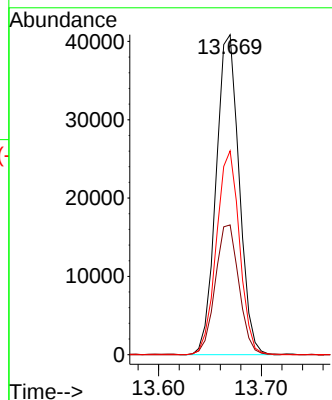
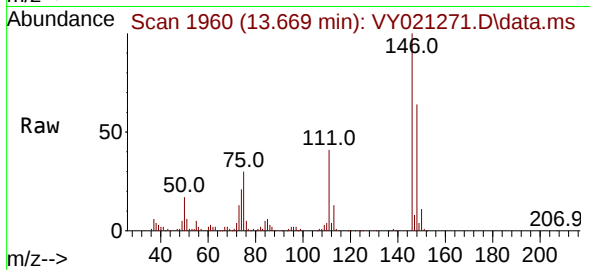
Tgt Ion:146 Resp: 63563

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.6

148 63.7 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 68.893 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

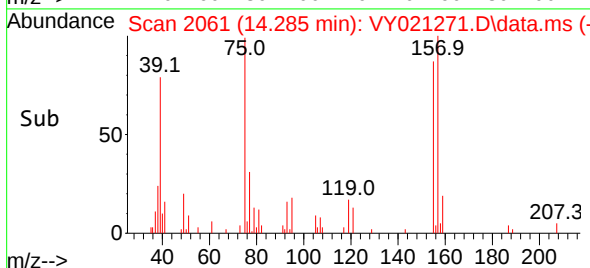
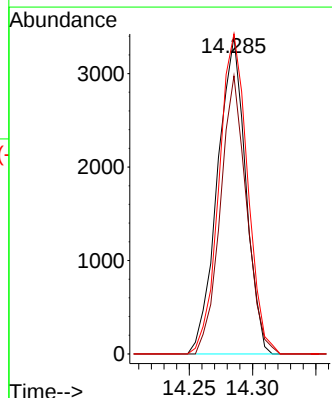
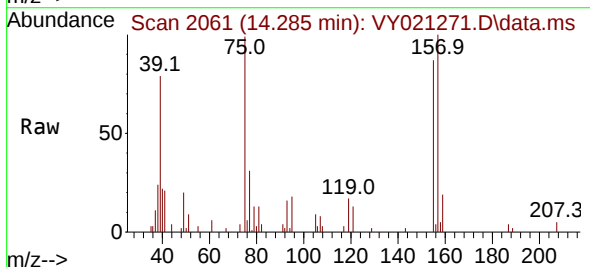
Tgt Ion: 75 Resp: 5243

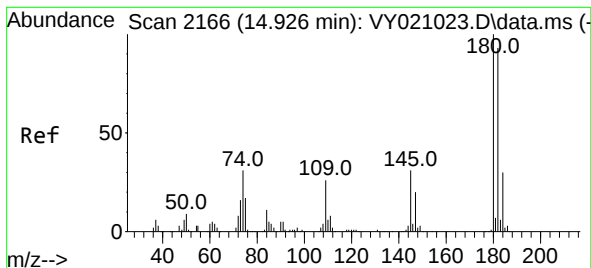
Ion Ratio Lower Upper

75 100

155 81.5 42.1 126.3

157 102.0 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 23.704 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021271.D

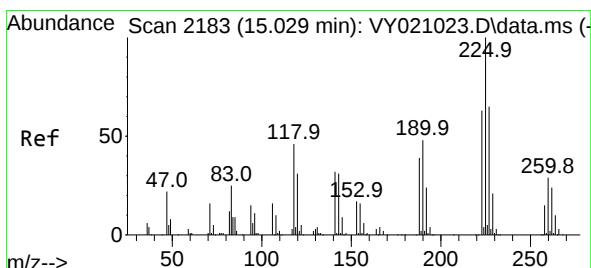
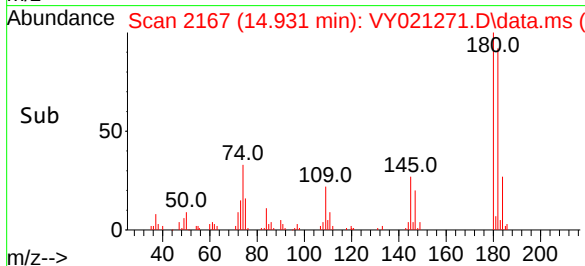
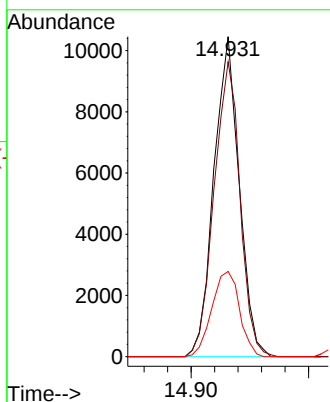
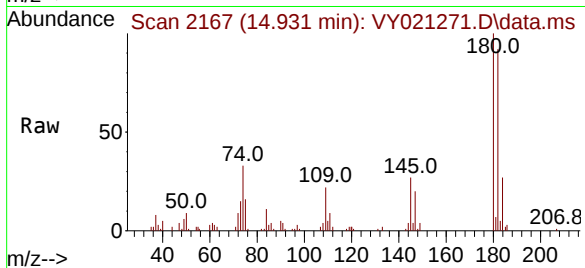
Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	15625
Ion Ratio	Lower	Upper
180	100	
182	94.5	47.9 143.7
145	29.2	15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.415 ug/l

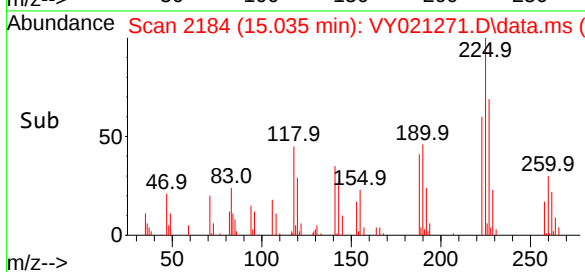
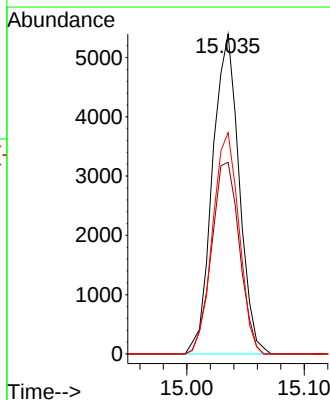
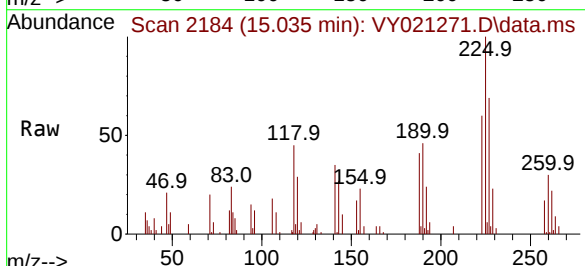
RT: 15.035 min Scan# 2184

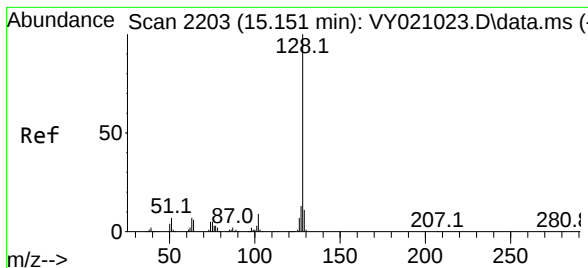
Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Tgt Ion:225	Resp:	8481
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.4 94.3
227	68.6	32.3 96.8





#95

Naphthalene

Concen: 36.089 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Instrument :

MSVOA_Y

ClientSampleId :

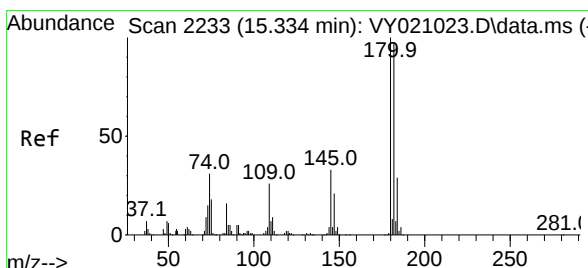
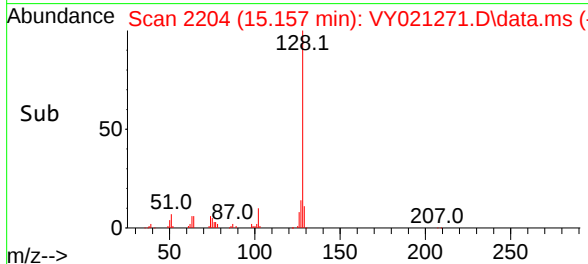
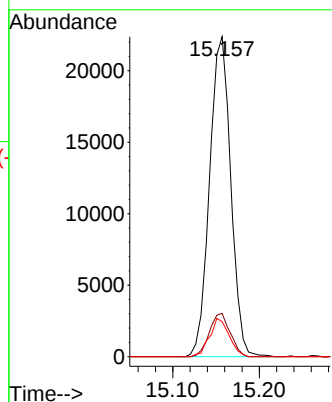
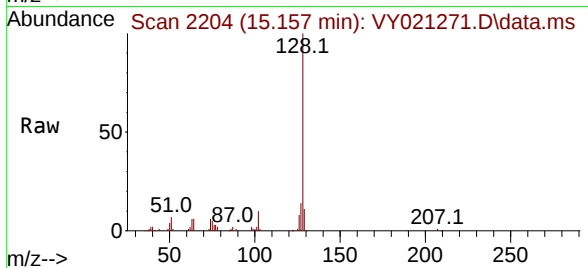
Tgt Ion:128 Resp: 38060

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 25.216 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021271.D

Acq: 20 Feb 2025 23:43

Tgt Ion:180 Resp: 13833

Ion Ratio Lower Upper

180 100

182 90.8 46.3 138.8

145 31.4 16.1 48.2

