

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
 Data File : VY020797.D
 Acq On : 07 Jan 2025 17:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 08 00:56:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	166174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	259740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	228670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	114364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	87109	61.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.340%	
35) Dibromofluoromethane	7.646	113	88990	54.687	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.380%	
50) Toluene-d8	10.115	98	332037	58.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.060%	
62) 4-Bromofluorobenzene	12.414	95	114853	54.828	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 109.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	56923	46.676	ug/l	97
3) Chloromethane	2.074	50	33792	52.625	ug/l	100
4) Vinyl Chloride	2.214	62	38560	54.019	ug/l	94
5) Bromomethane	2.604	94	27075	53.253	ug/l	93
6) Chloroethane	2.745	64	26216	59.550	ug/l	100
7) Trichlorofluoromethane	3.074	101	108398	49.477	ug/l	98
8) Diethyl Ether	3.464	74	42382	61.861	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	73206	49.481	ug/l	99
10) Methyl Iodide	4.019	142	93587	59.026	ug/l	99
11) Tert butyl alcohol	4.884	59	30441	285.224	ug/l	99
12) 1,1-Dichloroethene	3.805	96	69317	53.491	ug/l	98
13) Acrolein	3.665	56	5309	177.132	ug/l	99
14) Allyl chloride	4.397	41	106547	56.990	ug/l	97
15) Acrylonitrile	5.073	53	91059	312.727	ug/l	99
16) Acetone	3.885	43	61810	307.743	ug/l	100
17) Carbon Disulfide	4.122	76	161134	57.318	ug/l	100
18) Methyl Acetate	4.403	43	45095	66.496	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	220109	60.186	ug/l	99
20) Methylene Chloride	4.628	84	81093	58.463	ug/l	97
21) trans-1,2-Dichloroethene	5.134	96	79108	55.434	ug/l	96
22) Diisopropyl ether	6.031	45	249844	62.734	ug/l	97
23) Vinyl Acetate	5.976	43	695229	316.606	ug/l	99
24) 1,1-Dichloroethane	5.927	63	149959	57.072	ug/l	99
25) 2-Butanone	6.909	43	106935	324.115	ug/l	97
26) 2,2-Dichloropropane	6.896	77	127805	46.847	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	104228	57.888	ug/l	98
28) Bromochloromethane	7.256	49	51607	72.787	ug/l	97
29) Tetrahydrofuran	7.274	42	70399	334.026	ug/l	95
30) Chloroform	7.433	83	169895	56.698	ug/l	95
31) Cyclohexane	7.713	56	100605	48.951	ug/l	97
32) 1,1,1-Trichloroethane	7.628	97	150148	51.371	ug/l	100
36) 1,1-Dichloropropene	7.847	75	104039	50.126	ug/l	99
37) Ethyl Acetate	6.994	43	49596	60.046	ug/l	98
38) Carbon Tetrachloride	7.829	117	137599	47.626	ug/l	99
39) Methylcyclohexane	9.115	83	121668	47.770	ug/l	97
40) Benzene	8.091	78	345829	54.289	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	26684	56.411	ug/l	95
42) 1,2-Dichloroethane	8.164	62	98641	56.703	ug/l	100
43) Isopropyl Acetate	8.207	43	101243	60.264	ug/l	99
44) Trichloroethene	8.872	130	90372	50.891	ug/l	95
45) 1,2-Dichloropropane	9.152	63	81420	56.380	ug/l	99
46) Dibromomethane	9.237	93	48220	58.148	ug/l	97
47) Bromodichloromethane	9.432	83	131145	55.219	ug/l	97
48) Methyl methacrylate	9.225	41	46516	61.761	ug/l	100
49) 1,4-Dioxane	9.243	88	10400	1181.195	ug/l	93
51) 4-Methyl-2-Pentanone	10.006	43	260766	310.696	ug/l	100
52) Toluene	10.176	92	227128	53.844	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	118602	56.148	ug/l	100
54) cis-1,3-Dichloropropene	9.865	75	134632	54.880	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	67632	57.087	ug/l	97
56) Ethyl methacrylate	10.444	69	92414	61.766	ug/l	97
57) 1,3-Dichloropropane	10.725	76	112746	58.383	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.719	63	158634	267.260	ug/l	98
59) 2-Hexanone	10.768	43	172872	321.056	ug/l	99
60) Dibromochloromethane	10.914	129	96802	56.338	ug/l	99
61) 1,2-Dibromoethane	11.024	107	61217	57.556	ug/l	99
64) Tetrachloroethene	10.652	164	78846	46.898	ug/l	97
65) Chlorobenzene	11.450	112	259706	51.367	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	98337	51.092	ug/l	99
67) Ethyl Benzene	11.524	91	440570	50.332	ug/l	99
68) m/p-Xylenes	11.633	106	334883	99.367	ug/l	99
69) o-Xylene	11.962	106	162123	50.736	ug/l	100
70) Styrene	11.975	104	279854	52.027	ug/l	100
71) Bromoform	12.139	173	58564	53.524	ug/l #	99
73) Isopropylbenzene	12.261	105	431434	47.553	ug/l	100
74) N-amyl acetate	12.078	43	87027	58.641	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	75042	54.572	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	95839	95.776	ug/l #	100
77) Bromobenzene	12.536	156	106516	50.921	ug/l	99
78) n-propylbenzene	12.603	91	496706	48.233	ug/l	99
79) 2-Chlorotoluene	12.688	91	292508	49.325	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	355201	48.309	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	24288	51.178	ug/l	97
82) 4-Chlorotoluene	12.785	91	302386	49.410	ug/l	100
83) tert-Butylbenzene	13.005	119	330122	48.004	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	353597	49.247	ug/l	99
85) sec-Butylbenzene	13.182	105	452450	47.103	ug/l	100
86) p-Isopropyltoluene	13.298	119	390735	47.684	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	202596	49.846	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	199142	49.775	ug/l	100
89) n-Butylbenzene	13.627	91	337053	47.413	ug/l	100
90) Hexachloroethane	13.889	117	78294	47.584	ug/l	99
91) 1,2-Dichlorobenzene	13.669	146	176180	49.577	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11918	53.602	ug/l	97
93) 1,2,4-Trichlorobenzene	14.931	180	104241	50.970	ug/l	98
94) Hexachlorobutadiene	15.035	225	68357	47.412	ug/l	99
95) Naphthalene	15.157	128	183226	54.434	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	87318	50.961	ug/l	98

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ClientSampleId :

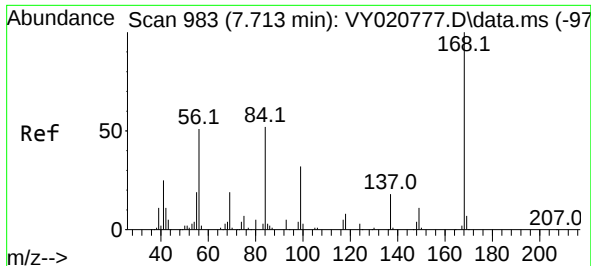
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QLast Update : Tue Jan 07 01:31:46 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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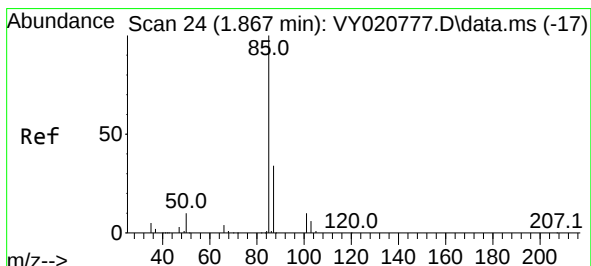
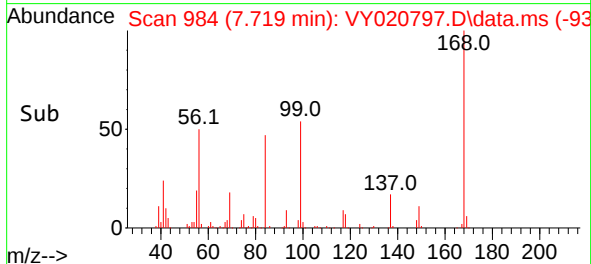
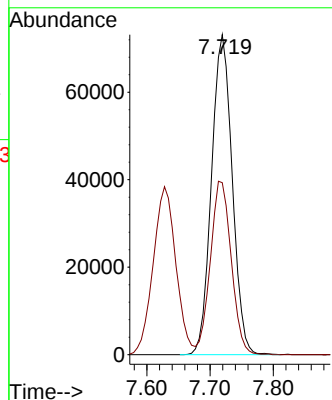
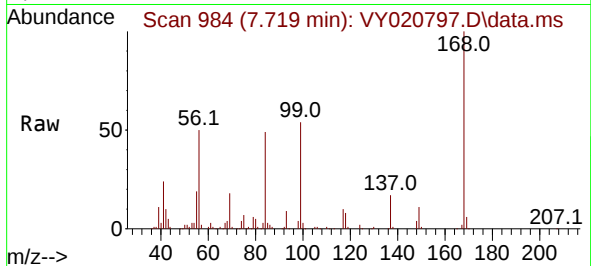




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

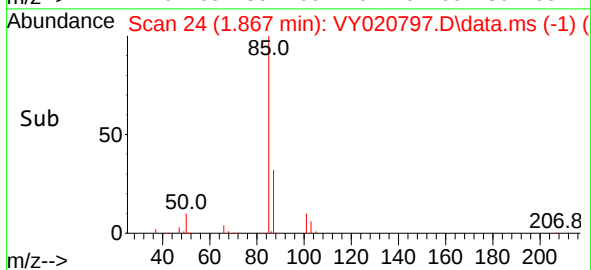
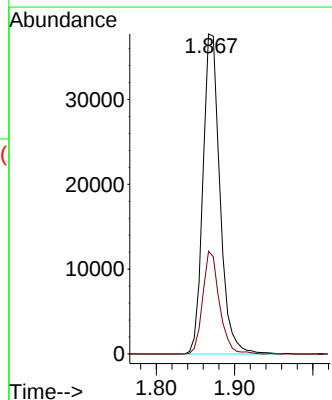
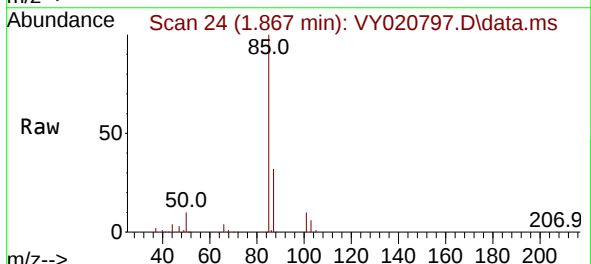
Instrument :
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ClientSampleId :

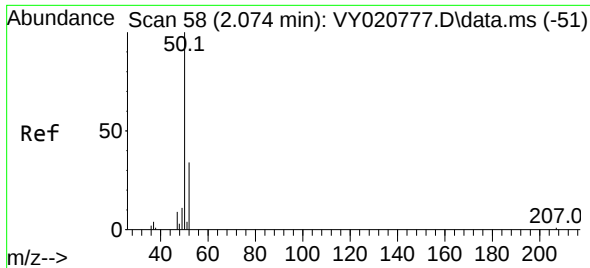
Tgt Ion:168 Resp: 166174
Ion Ratio Lower Upper
168 100
99 53.8 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 46.676 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

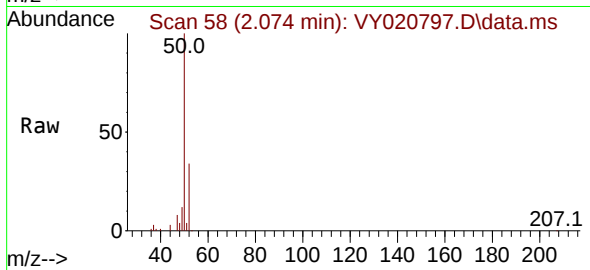
Tgt Ion: 85 Resp: 56923
Ion Ratio Lower Upper
85 100
87 32.1 16.9 50.6



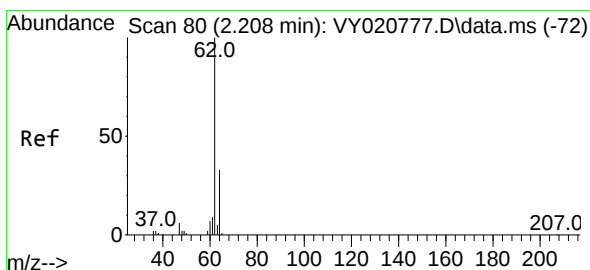
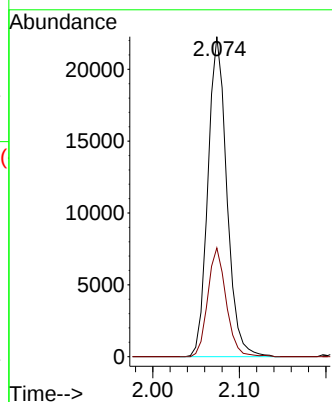
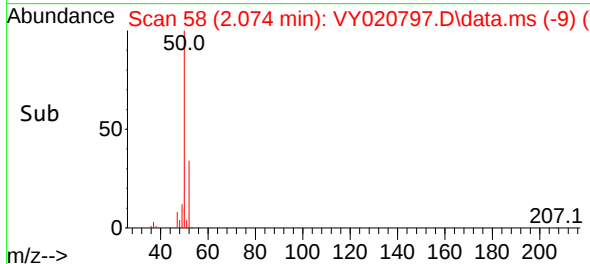


#3
Chloromethane
Concen: 52.625 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

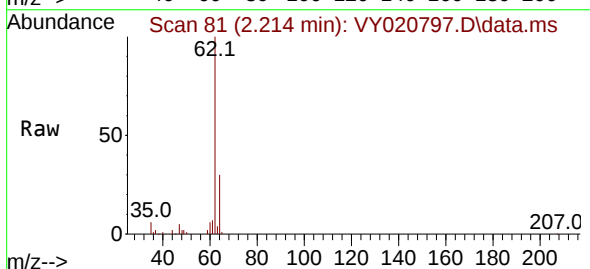
Instrument :
MSVOA_Y
ClientSampleId :



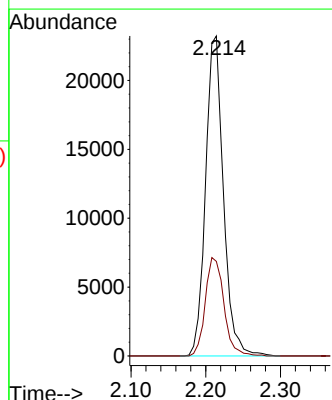
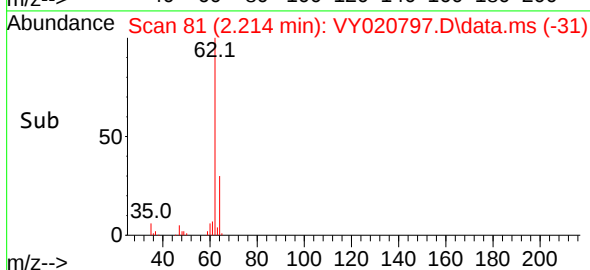
Tgt Ion: 50 Resp: 33792
Ion Ratio Lower Upper
50 100
52 34.0 27.3 40.9

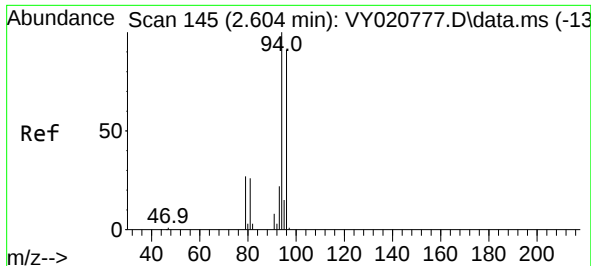


#4
Vinyl Chloride
Concen: 54.019 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



Tgt Ion: 62 Resp: 38560
Ion Ratio Lower Upper
62 100
64 29.5 26.6 39.8

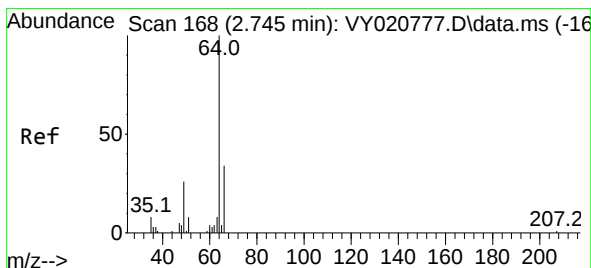
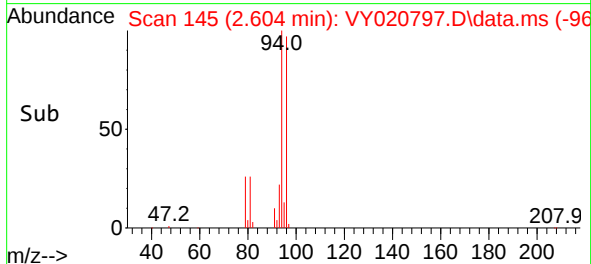
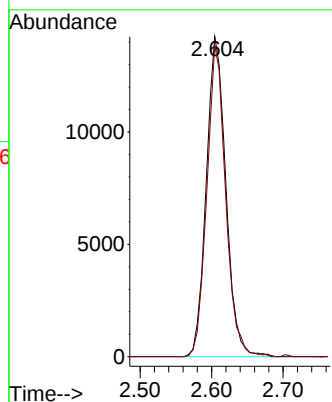
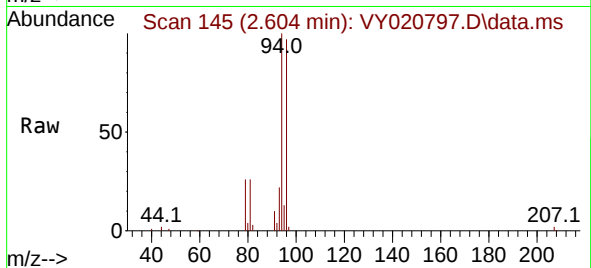




#5
Bromomethane
Concen: 53.253 ug/l
RT: 2.604 min Scan# 145
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

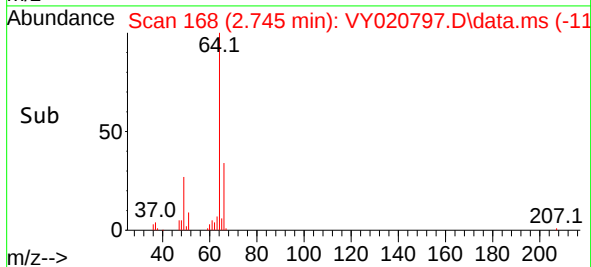
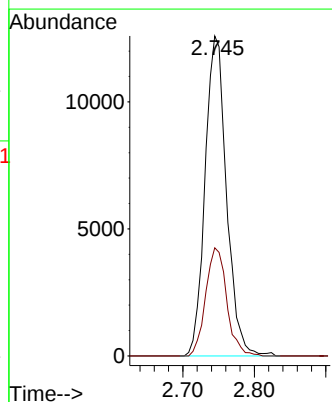
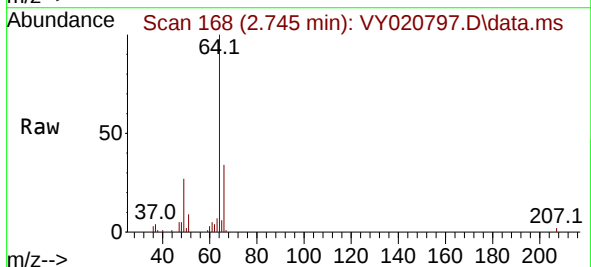
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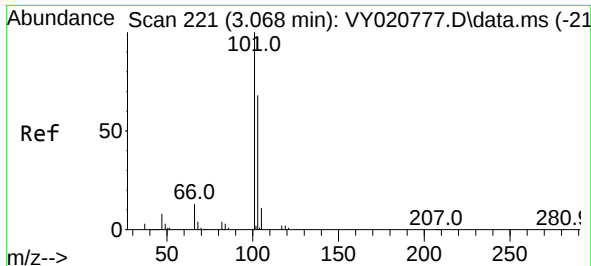
Tgt Ion: 94 Resp: 27075
Ion Ratio Lower Upper
94 100
96 97.2 72.6 109.0



#6
Chloroethane
Concen: 59.550 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 64 Resp: 26216
Ion Ratio Lower Upper
64 100
66 33.8 26.9 40.3

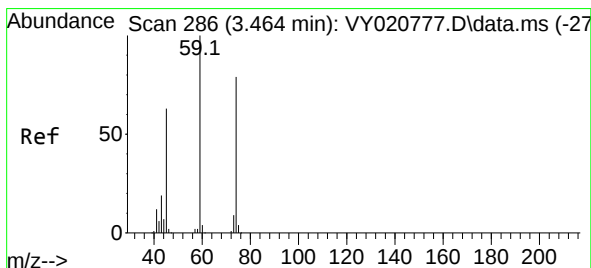
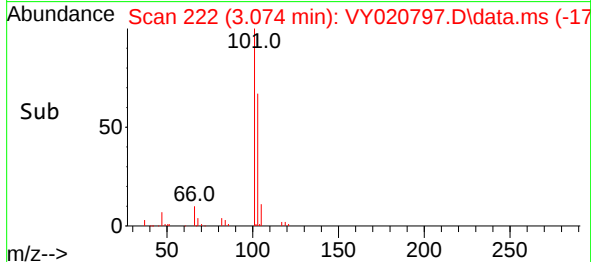
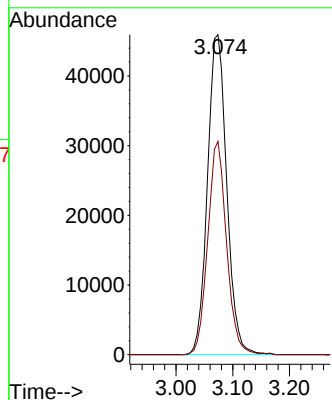
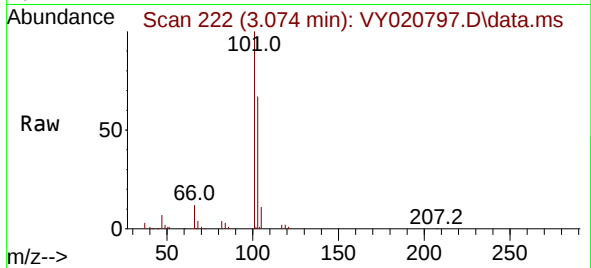




#7
 Trichlorofluoromethane
 Concen: 49.477 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

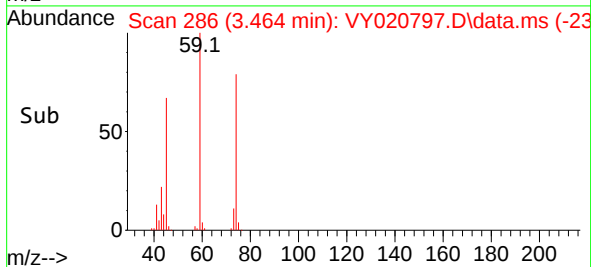
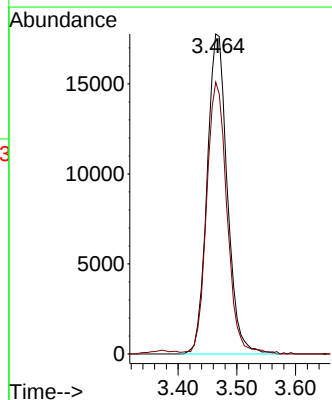
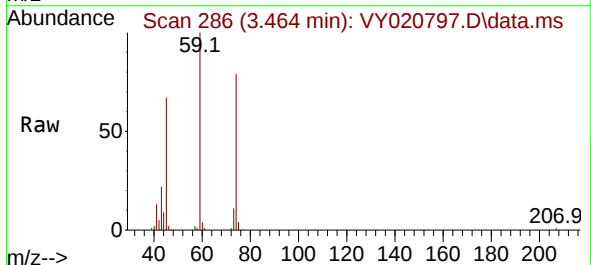
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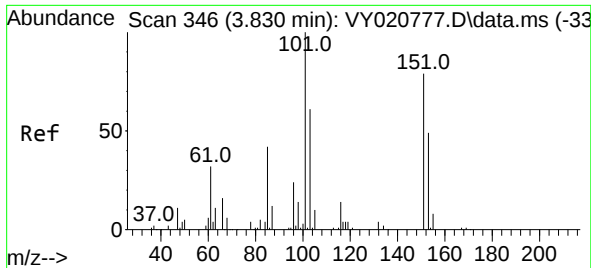
Tgt Ion:101 Resp: 108398
 Ion Ratio Lower Upper
 101 100
 103 66.6 54.6 82.0



#8
 Diethyl Ether
 Concen: 61.861 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. -0.000 min
 Lab File: VY020797.D
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Tgt Ion: 74 Resp: 42382
 Ion Ratio Lower Upper
 74 100
 45 85.8 41.3 124.1

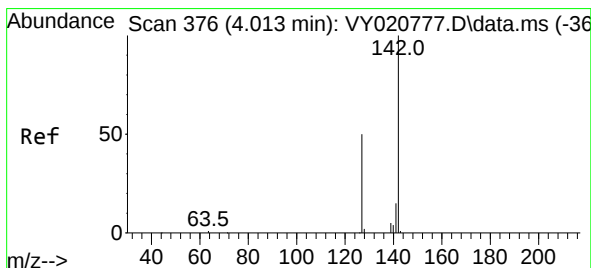
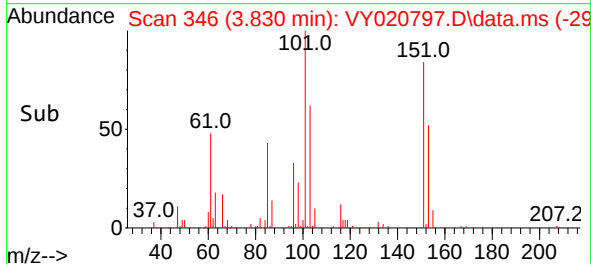
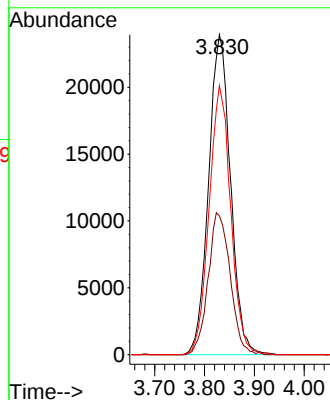
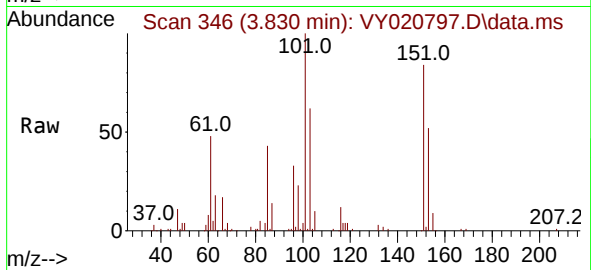




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.481 ug/l
RT: 3.830 min Scan# 346
Delta R.T. -0.000 min
Lab File: VY020797.D
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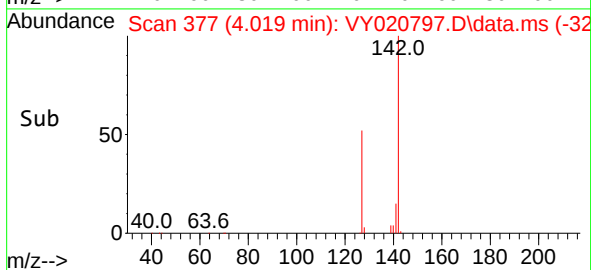
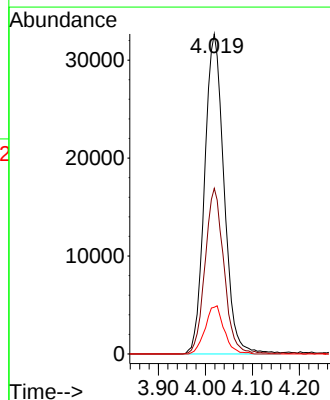
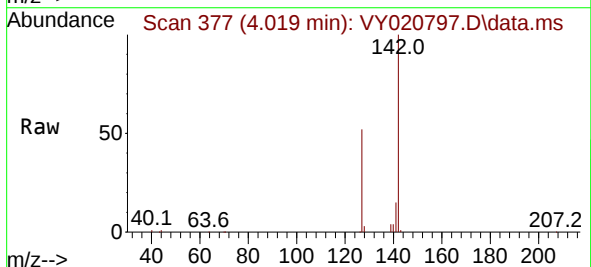
Instrument :
MSVOA_Y
ClientSampleId :

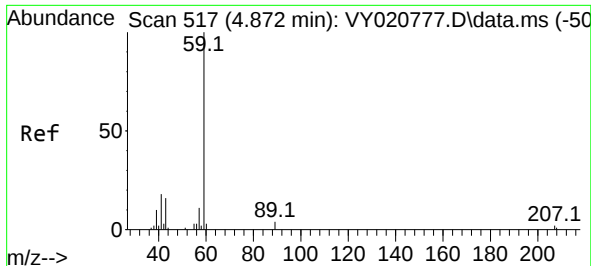
Tgt Ion:101 Resp: 73206
Ion Ratio Lower Upper
101 100
85 44.6 35.9 53.9
151 82.9 66.9 100.3



#10
Methyl Iodide
Concen: 59.026 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion:142 Resp: 93587
Ion Ratio Lower Upper
142 100
127 50.2 41.0 61.6
141 14.6 11.6 17.4

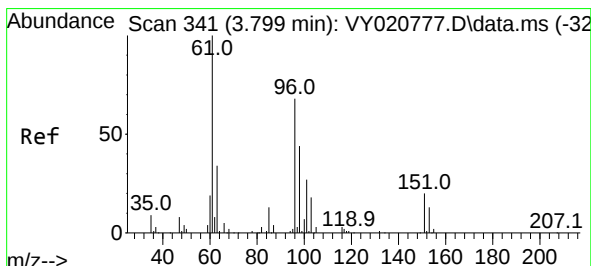
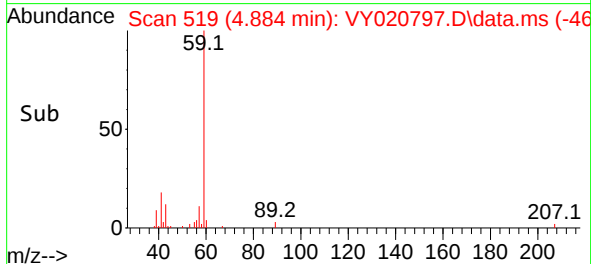
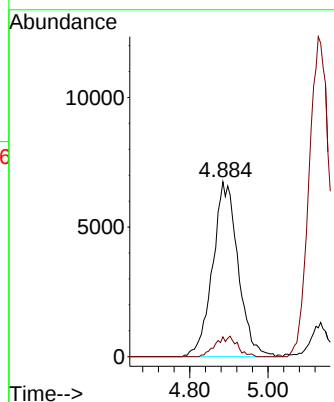
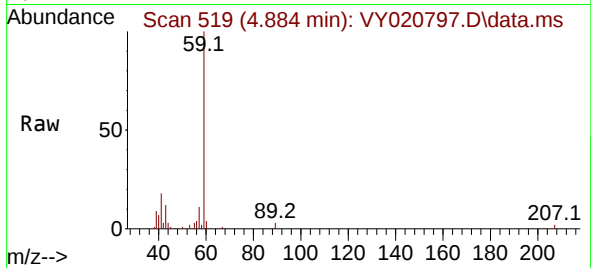




#11
Tert butyl alcohol
Concen: 285.224 ug/l
RT: 4.884 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

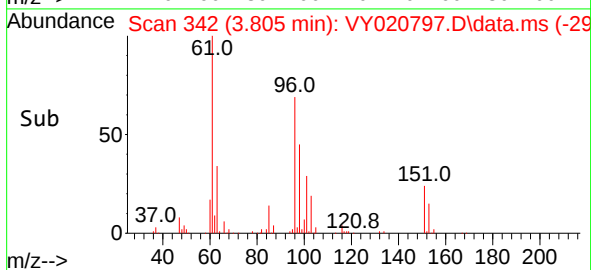
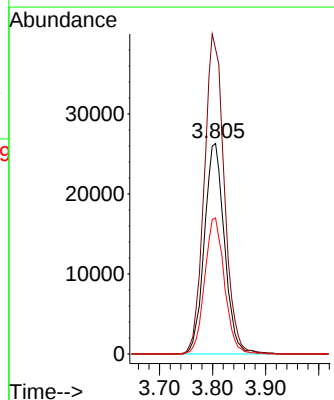
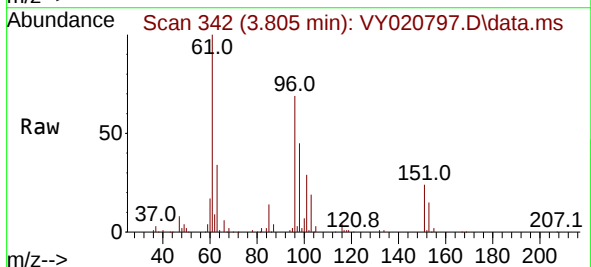
Instrument :
MSVOA_Y
ClientSampleId :

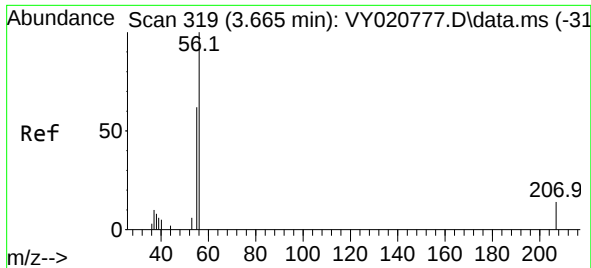
Tgt Ion: 59 Resp: 30441
Ion Ratio Lower Upper
59 100
57 10.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 53.491 ug/l
RT: 3.805 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

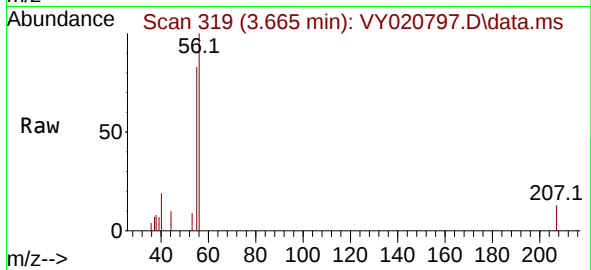
Tgt Ion: 96 Resp: 69317
Ion Ratio Lower Upper
96 100
61 144.8 117.8 176.8
98 64.6 51.9 77.9



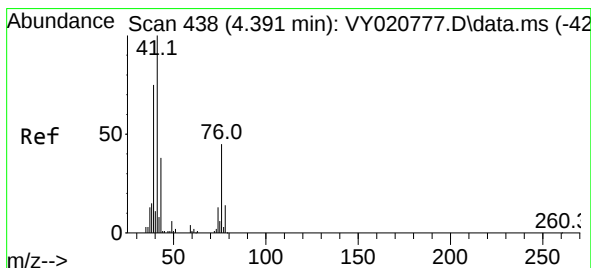
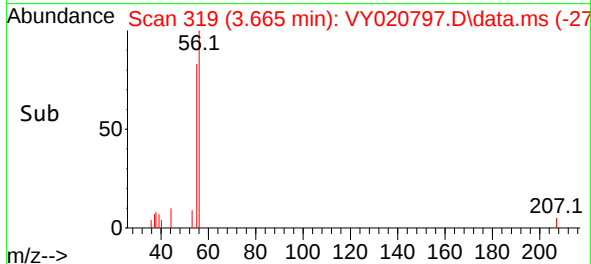
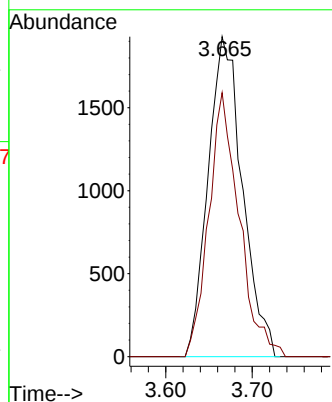


#13
Acrolein
Concen: 177.132 ug/l
RT: 3.665 min Scan# 319
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :

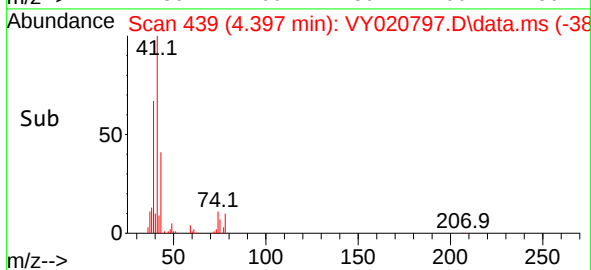
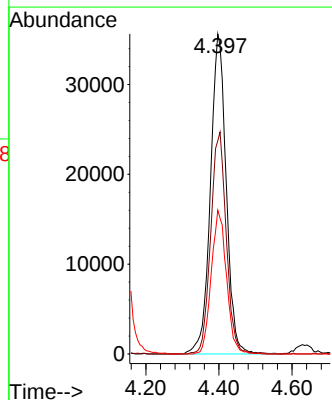
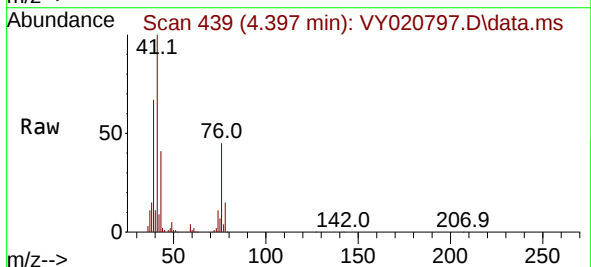


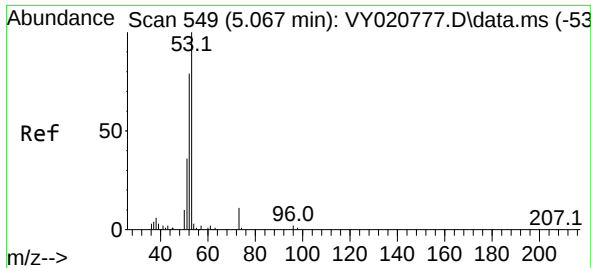
Tgt Ion: 56 Resp: 5309
Ion Ratio Lower Upper
56 100
55 73.2 58.1 87.1



#14
Allyl chloride
Concen: 56.990 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 41 Resp: 106547
Ion Ratio Lower Upper
41 100
39 68.2 57.5 86.3
76 43.3 35.6 53.4

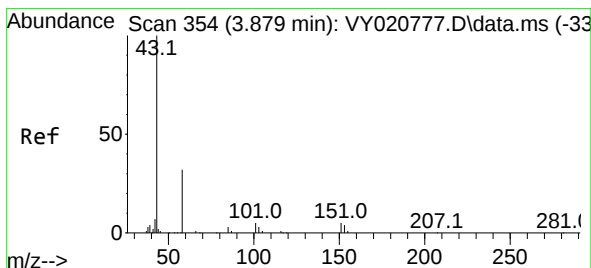
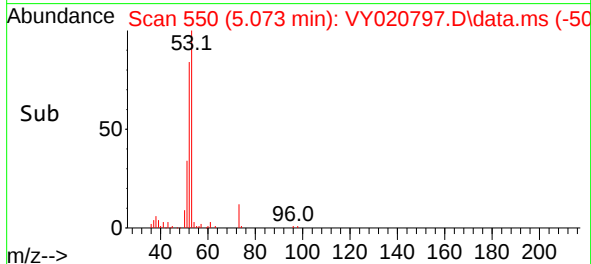
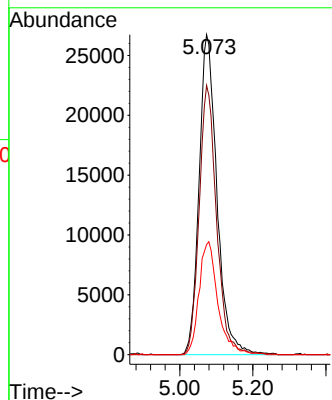
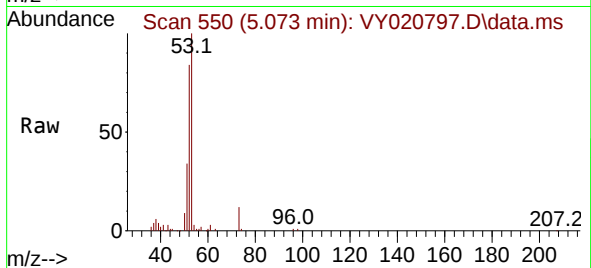




#15
Acrylonitrile
Concen: 312.727 ug/l
RT: 5.073 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

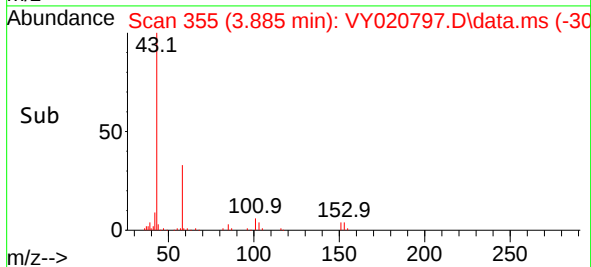
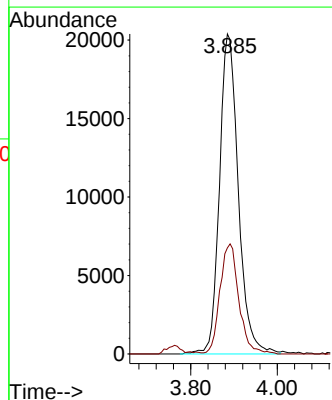
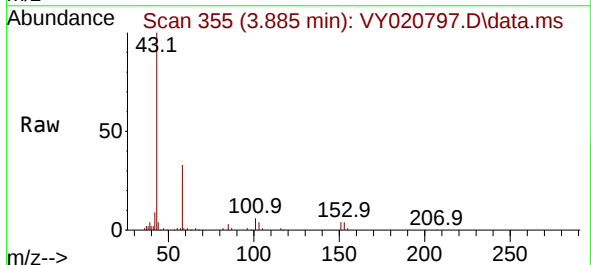
Instrument :
MSVOA_Y
ClientSampleId :

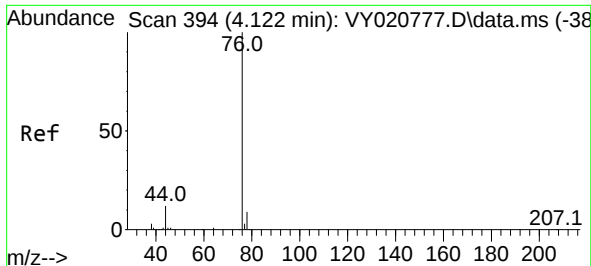
Tgt Ion: 53	Resp: 91059
Ion Ratio	Lower Upper
53 100	
52 82.0	64.3 96.5
51 37.0	29.3 43.9



#16
Acetone
Concen: 307.743 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 43	Resp: 61810
Ion Ratio	Lower Upper
43 100	
58 33.1	26.7 40.1

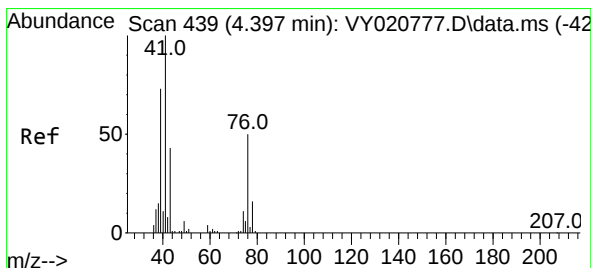
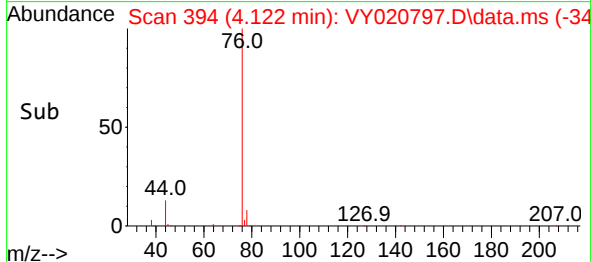
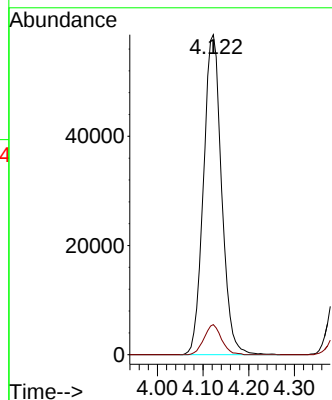
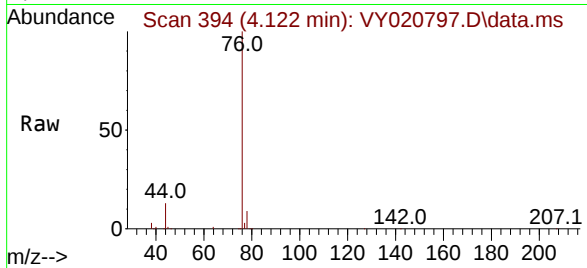




#17
Carbon Disulfide
Concen: 57.318 ug/l
RT: 4.122 min Scan# 394
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

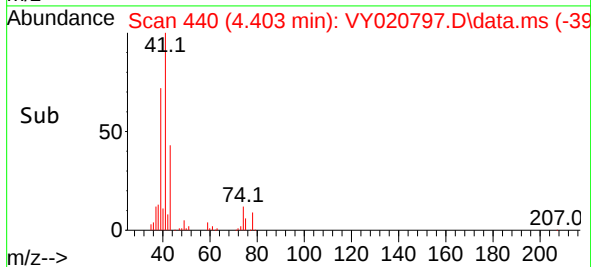
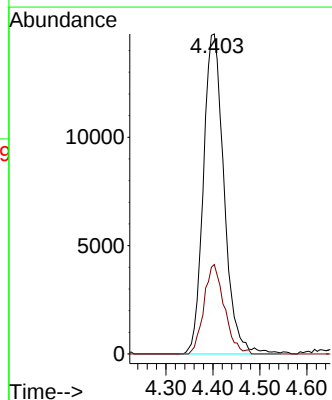
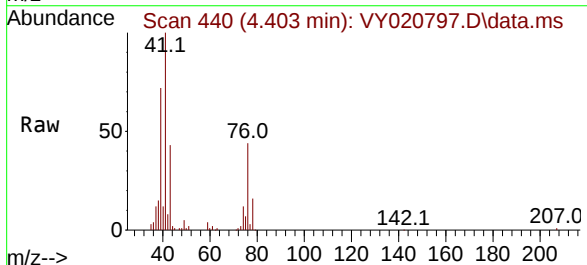
Instrument :
MSVOA_Y
ClientSampleId :

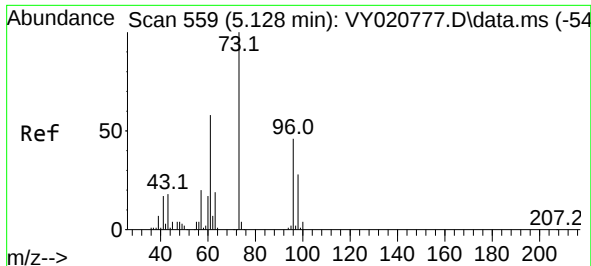
Tgt Ion: 76 Resp: 161134
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 66.496 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 43 Resp: 45095
Ion Ratio Lower Upper
43 100
74 27.5 23.0 34.6

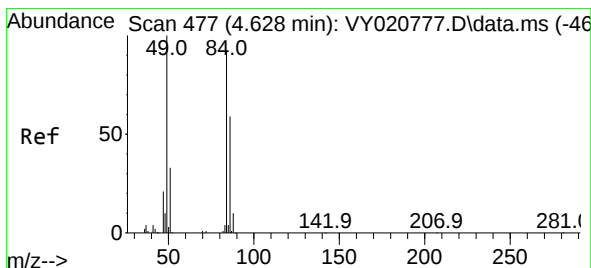
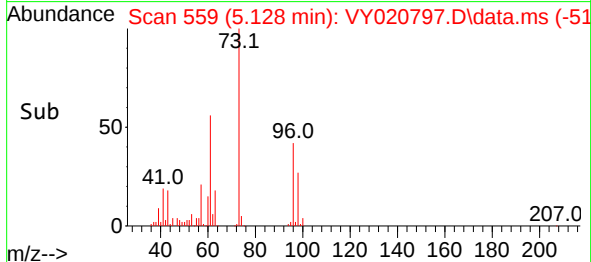
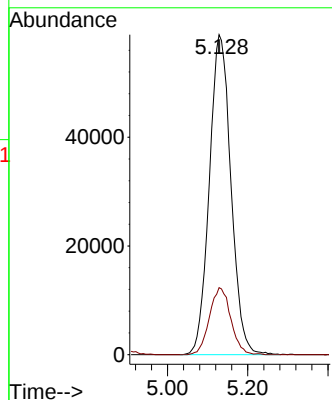
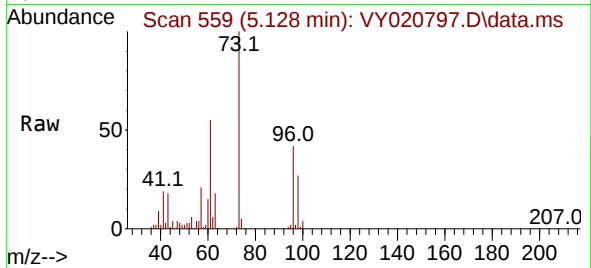




#19
Methyl tert-butyl Ether
Concen: 60.186 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

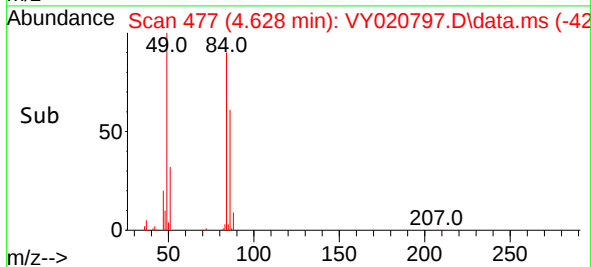
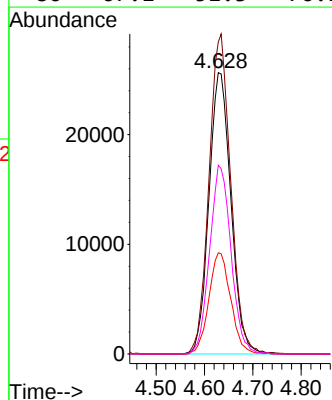
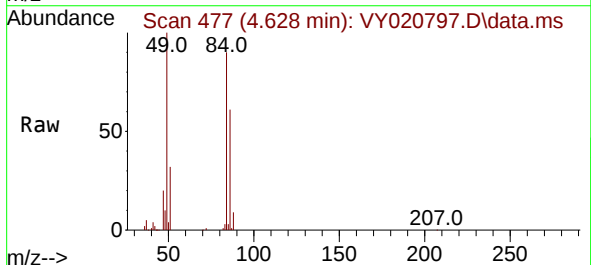
Instrument :
MSVOA_Y
ClientSampleId :

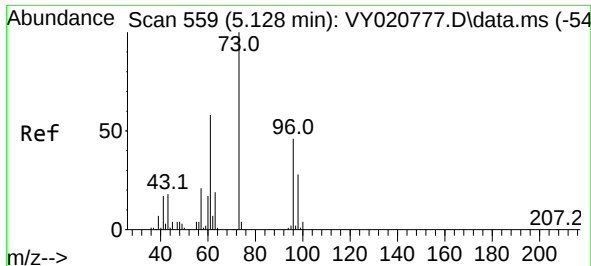
Tgt Ion: 73 Resp: 220109
Ion Ratio Lower Upper
73 100
57 21.0 16.4 24.6



#20
Methylene Chloride
Concen: 58.463 ug/l
RT: 4.628 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 84 Resp: 81093
Ion Ratio Lower Upper
84 100
49 110.9 86.7 130.1
51 35.9 28.4 42.6
86 67.1 51.3 76.9

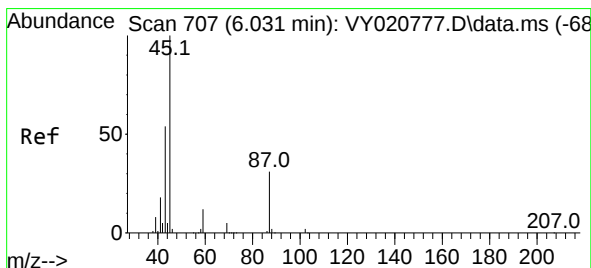
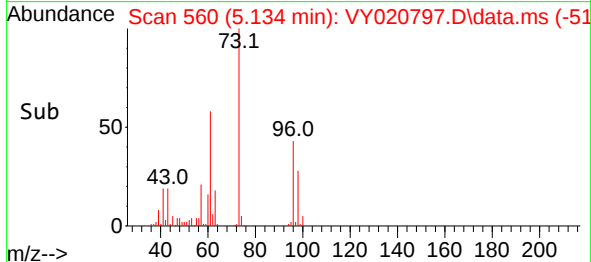
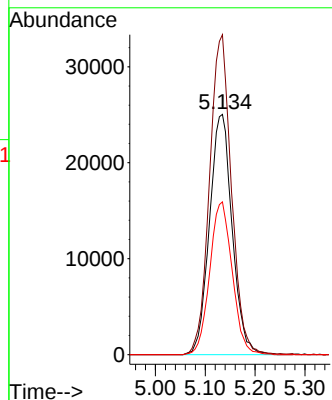
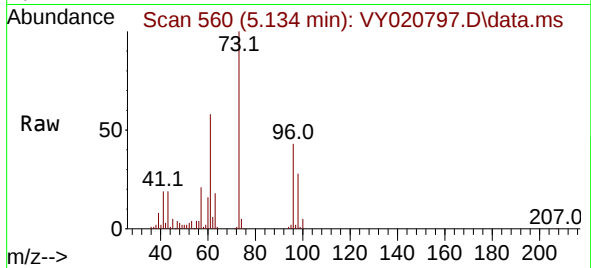




#21
trans-1,2-Dichloroethene
Concen: 55.434 ug/l
RT: 5.134 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

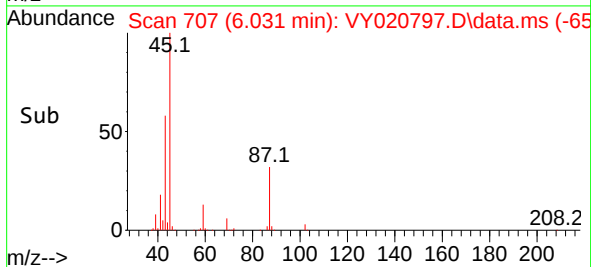
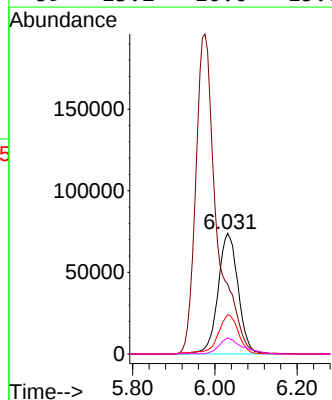
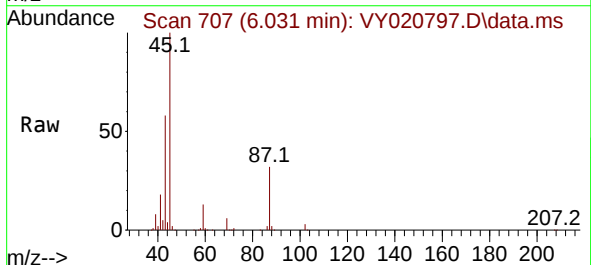
Instrument :
MSVOA_Y
ClientSampleId :

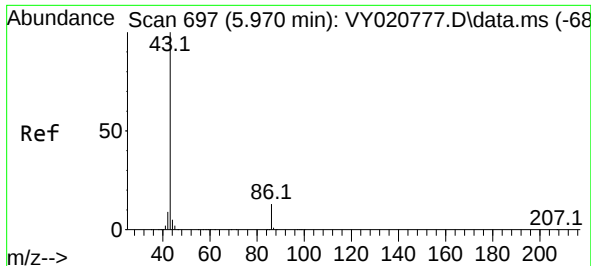
Tgt Ion: 96 Resp: 79108
Ion Ratio Lower Upper
96 100
61 133.1 101.6 152.4
98 63.6 49.4 74.2



#22
Diisopropyl ether
Concen: 62.734 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

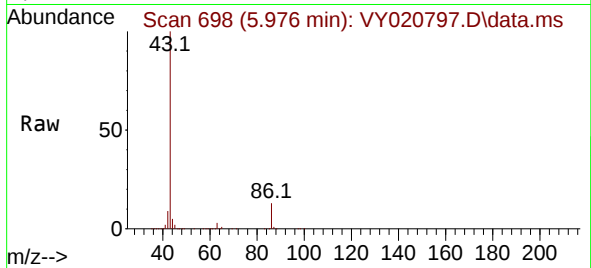
Tgt Ion: 45 Resp: 249844
Ion Ratio Lower Upper
45 100
43 57.7 43.9 65.9
87 32.5 25.3 37.9
59 13.2 10.0 15.0



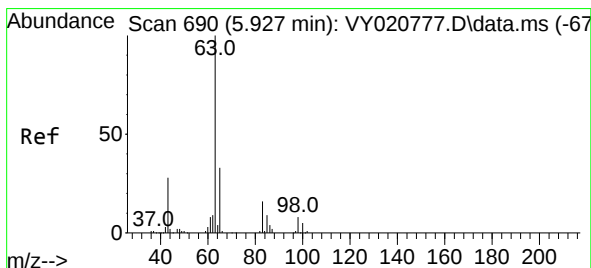
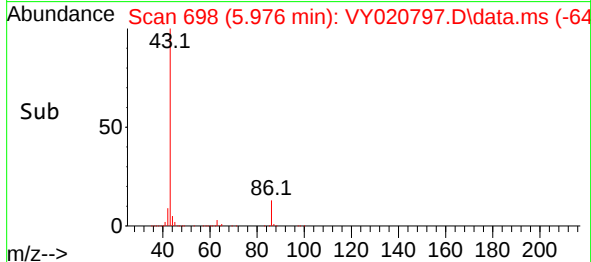
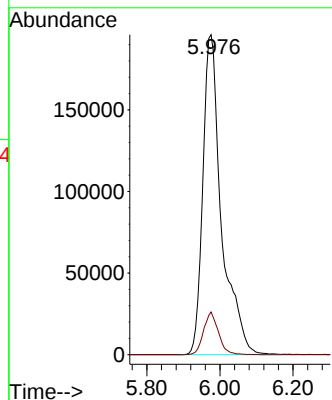


#23
 Vinyl Acetate
 Concen: 316.606 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

Instrument :
 MSVOA_Y
 ClientSampleId :

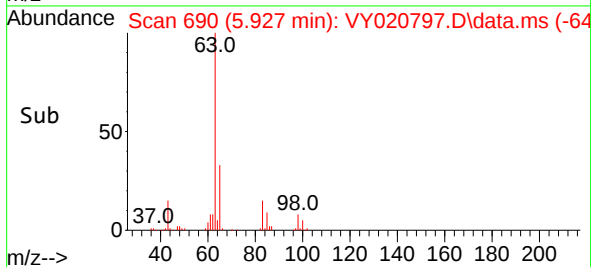
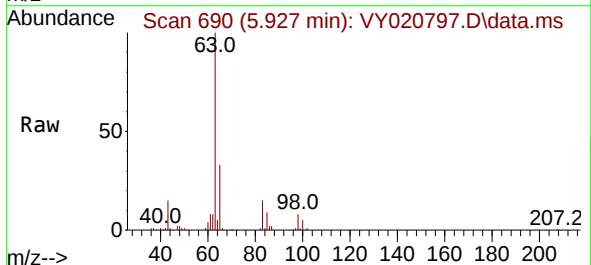
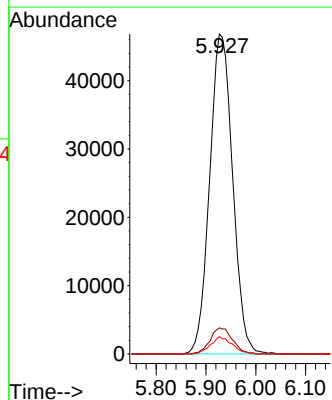


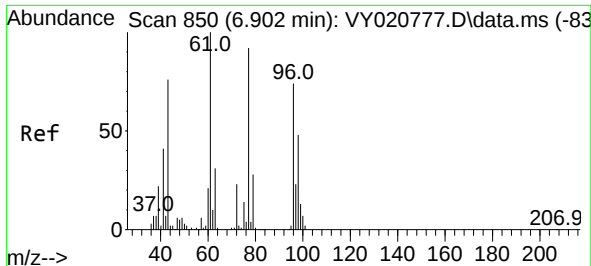
Tgt Ion: 43 Resp: 695229
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 57.072 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

Tgt Ion: 63 Resp: 149959
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.7
 100 5.4 2.4 7.2





#25

2-Butanone

Concen: 324.115 ug/l

RT: 6.909 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

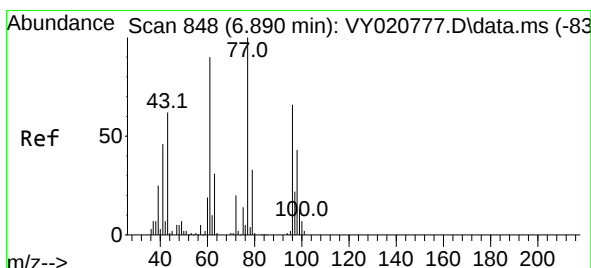
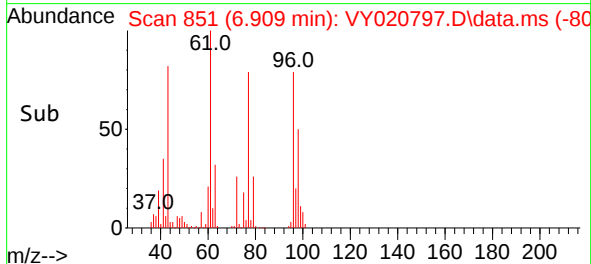
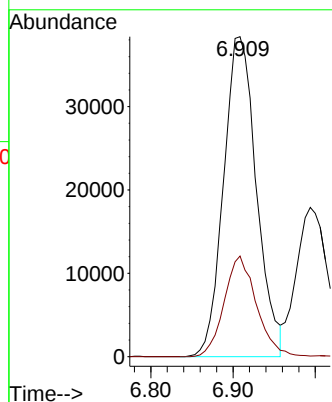
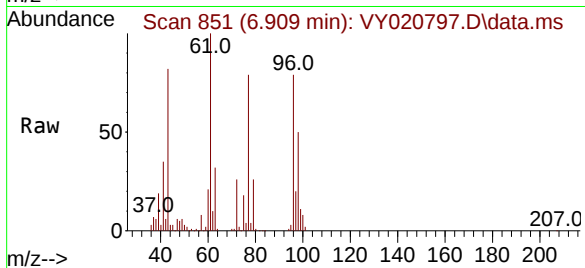
ClientSampleId :

Tgt Ion: 43 Resp: 106935

Ion Ratio Lower Upper

43 100

72 31.5 24.0 36.0



#26

2,2-Dichloropropane

Concen: 46.847 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY020797.D

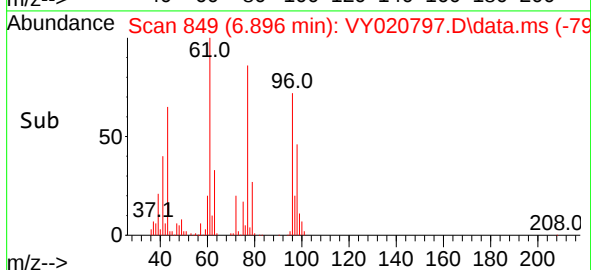
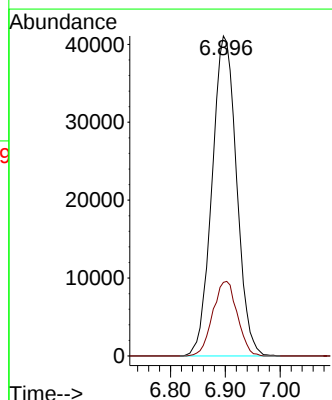
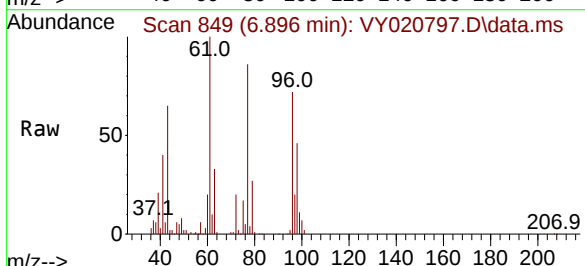
Acq: 07 Jan 2025 17:05

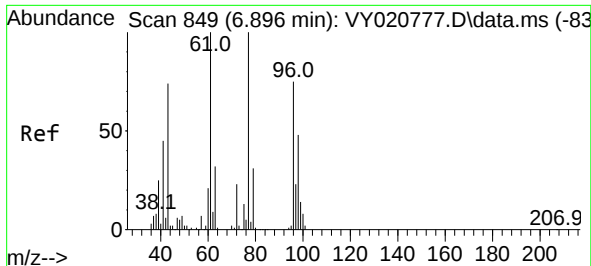
Tgt Ion: 77 Resp: 127805

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 57.888 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

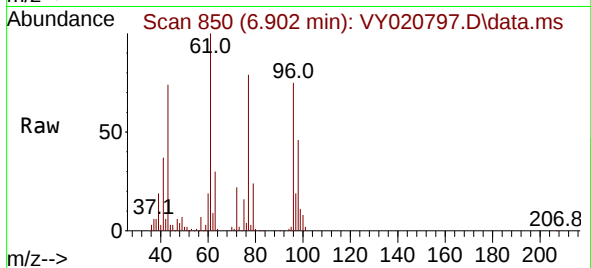
Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :



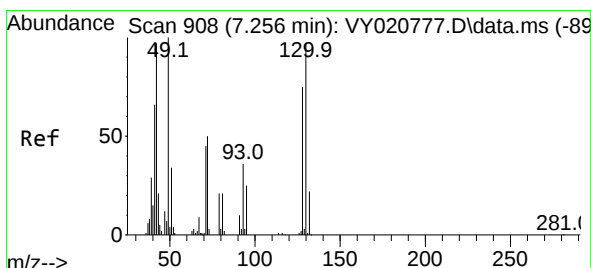
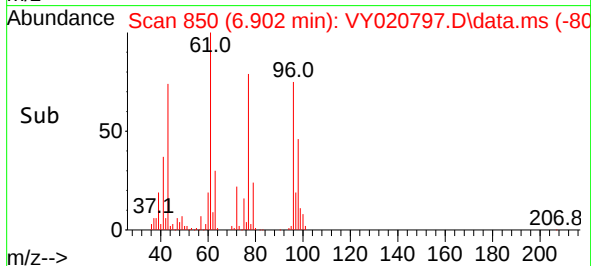
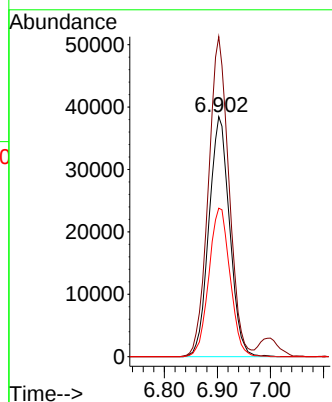
Tgt Ion: 96 Resp: 104228

Ion Ratio Lower Upper

96 100

61 132.6 0.0 271.4

98 63.4 0.0 129.0



#28

Bromochloromethane

Concen: 72.787 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

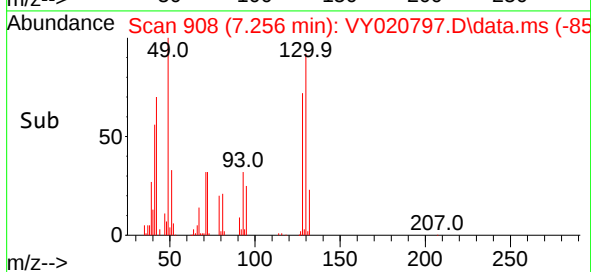
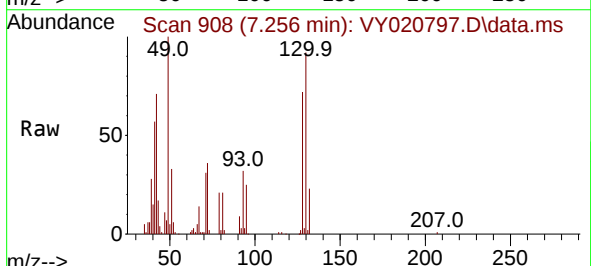
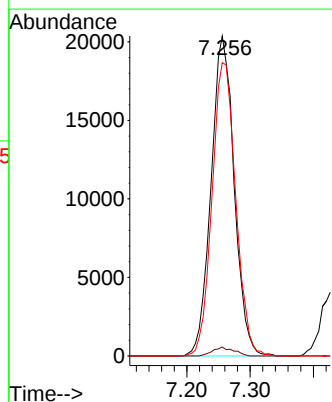
Tgt Ion: 49 Resp: 51607

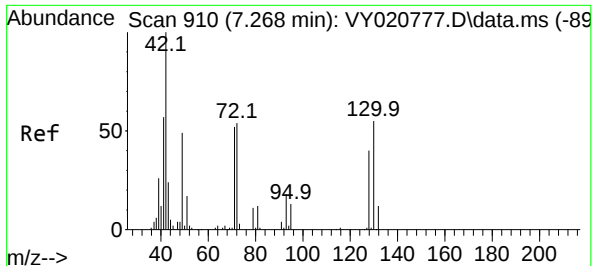
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.2

130 93.7 77.8 116.6





#29

Tetrahydrofuran

Concen: 334.026 ug/l

RT: 7.274 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

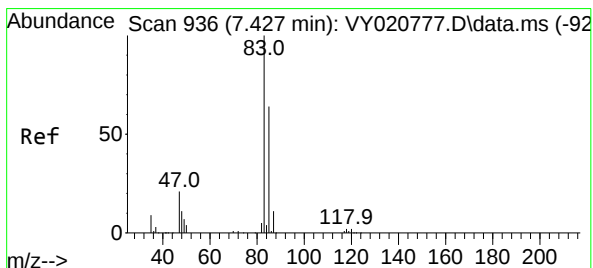
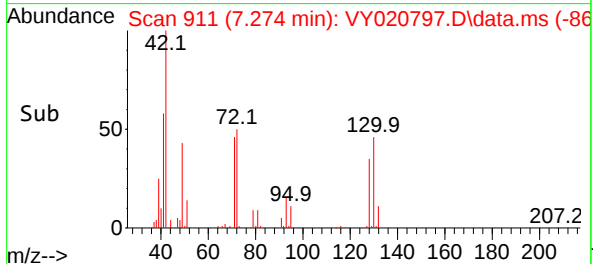
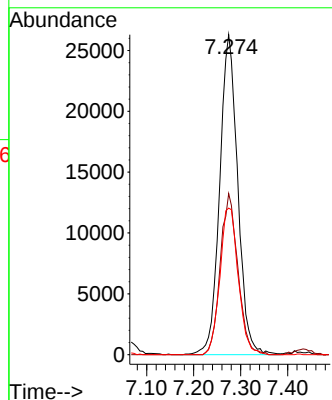
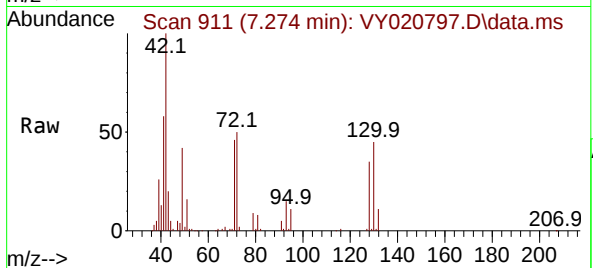
Tgt Ion: 42 Resp: 70399

Ion Ratio Lower Upper

42 100

72 49.1 41.8 62.6

71 46.6 39.8 59.8



#30

Chloroform

Concen: 56.698 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY020797.D

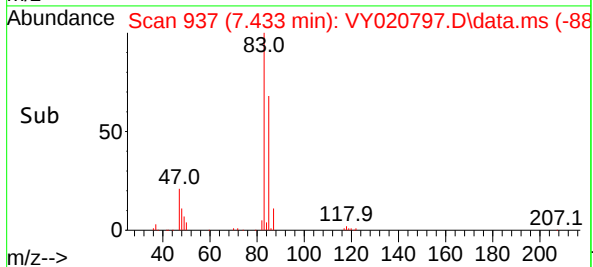
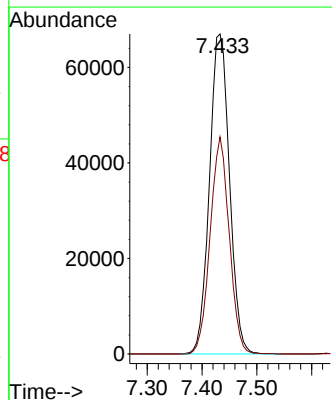
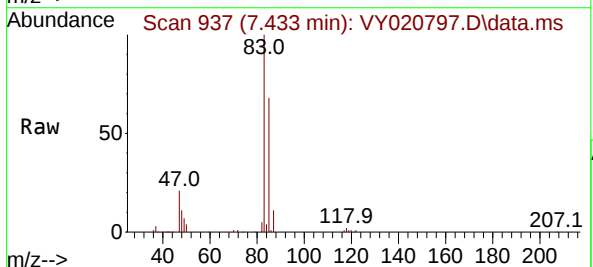
Acq: 07 Jan 2025 17:05

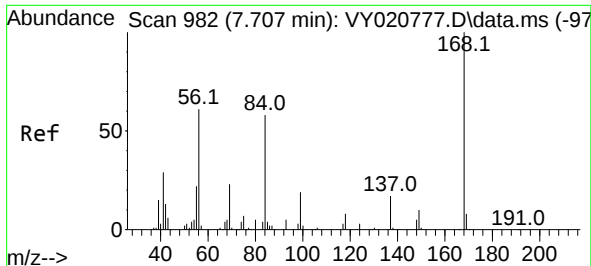
Tgt Ion: 83 Resp: 169895

Ion Ratio Lower Upper

83 100

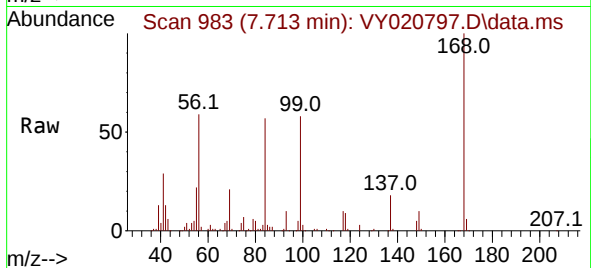
85 67.8 51.1 76.7



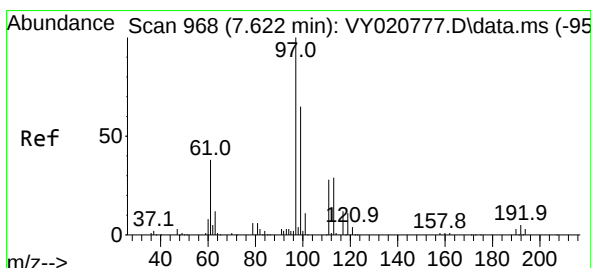
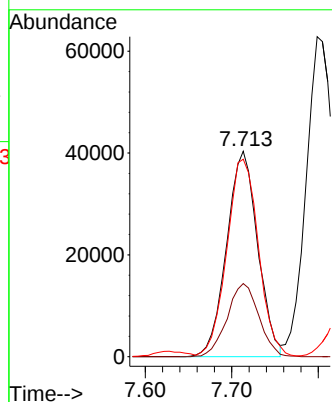
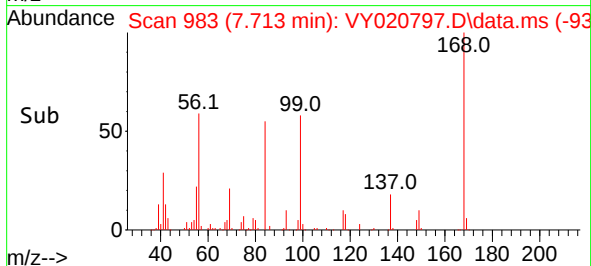


#31
Cyclohexane
Concen: 48.951 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

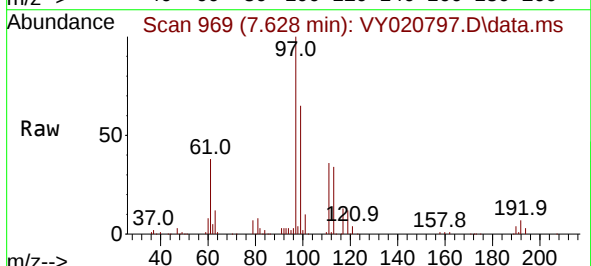
Instrument :
MSVOA_Y
ClientSampleId :



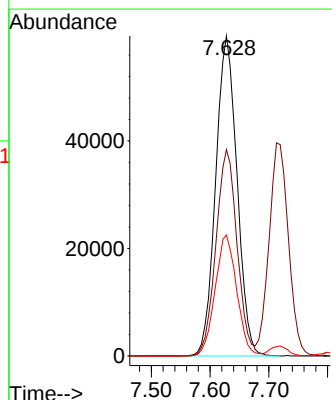
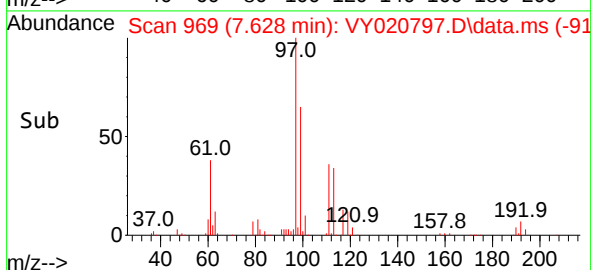
Tgt Ion: 56 Resp: 100605
Ion Ratio Lower Upper
56 100
69 35.6 30.5 45.7
84 93.8 76.6 115.0

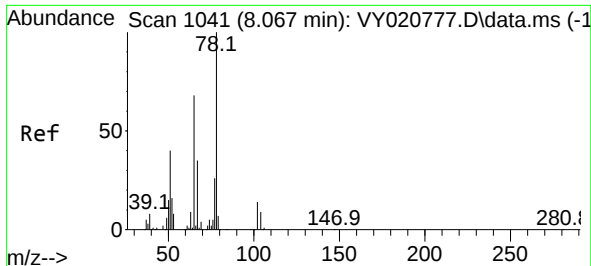


#32
1,1,1-Trichloroethane
Concen: 51.371 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



Tgt Ion: 97 Resp: 150148
Ion Ratio Lower Upper
97 100
99 64.1 51.4 77.2
61 38.3 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 61.673 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

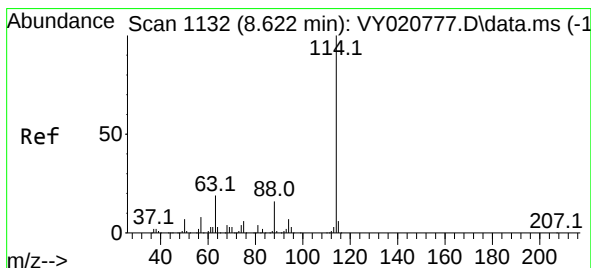
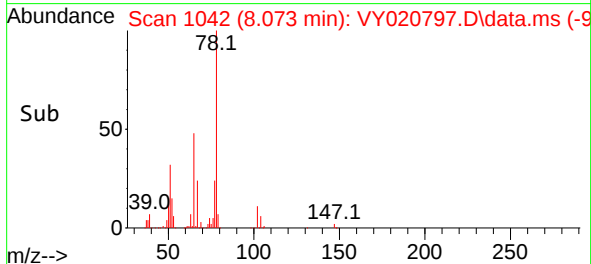
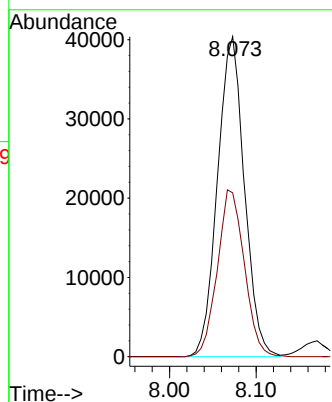
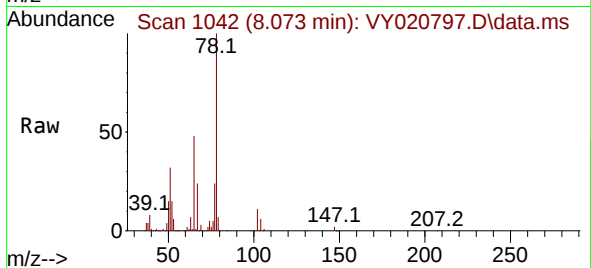
ClientSampleId :

Tgt Ion: 65 Resp: 87109

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

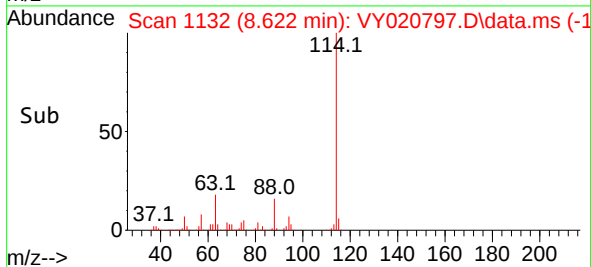
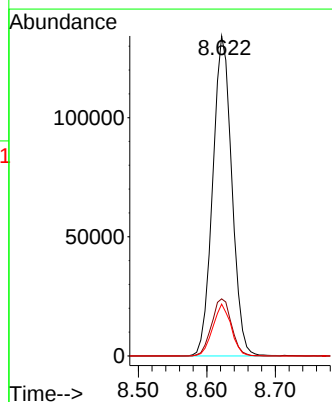
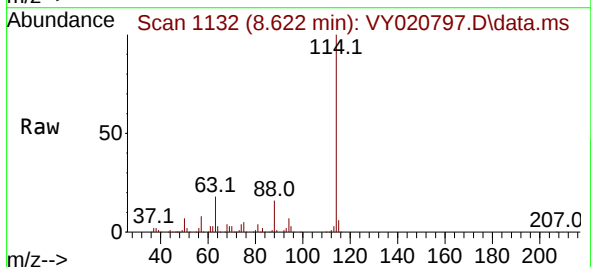
Tgt Ion: 114 Resp: 259740

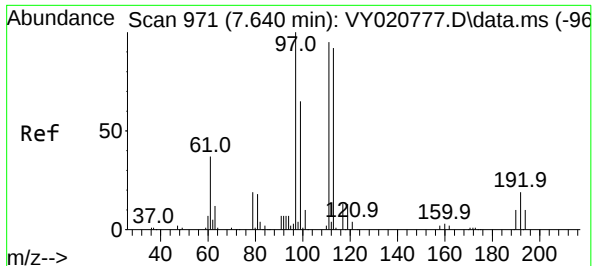
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

88 16.2 0.0 31.2

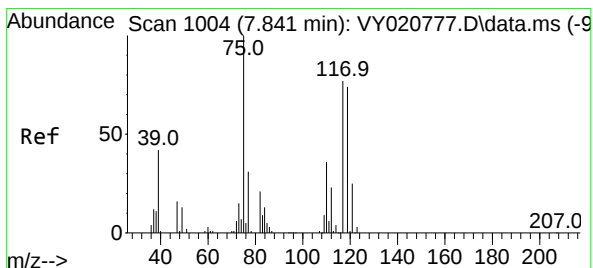
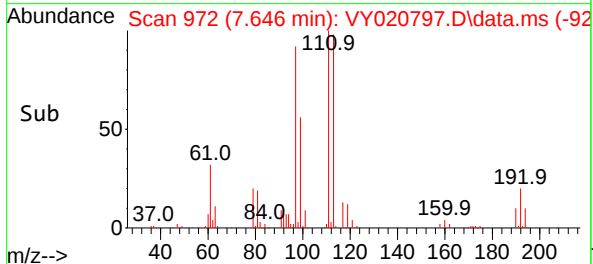
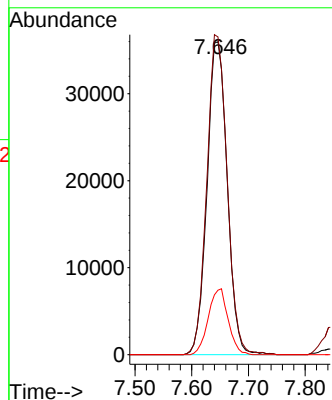
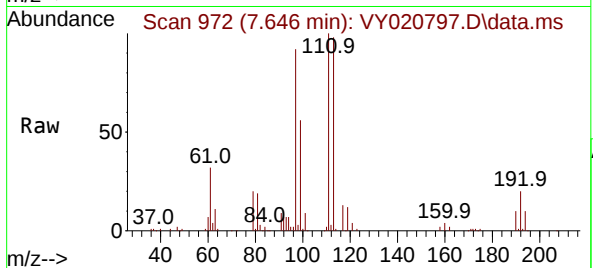




#35
Dibromofluoromethane
Concen: 54.687 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

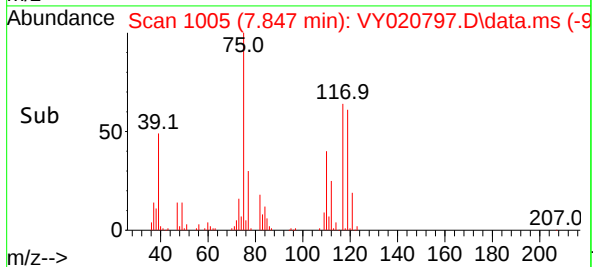
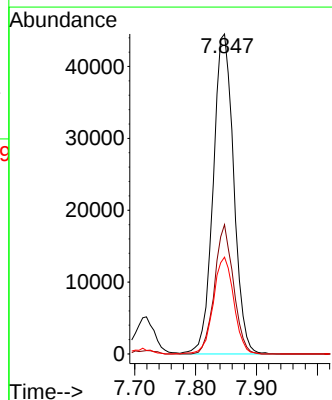
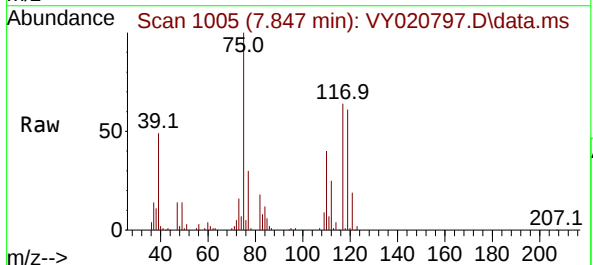
Instrument :
MSVOA_Y
ClientSampleId :

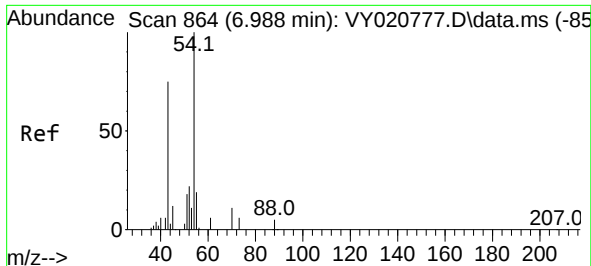
Tgt Ion:113 Resp: 88990
Ion Ratio Lower Upper
113 100
111 102.9 81.7 122.5
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 50.126 ug/l
RT: 7.847 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 75 Resp: 104039
Ion Ratio Lower Upper
75 100
110 37.1 18.5 55.5
77 30.1 25.0 37.4





#37

Ethyl Acetate

Concen: 60.046 ug/l

RT: 6.994 min Scan# 81

Delta R.T. 0.006 min

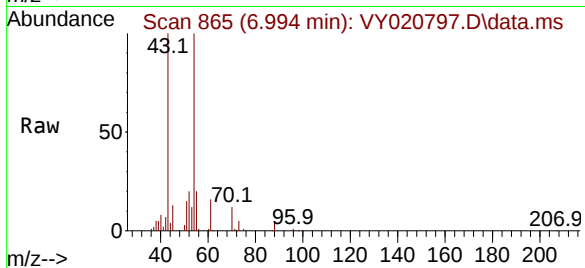
Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :



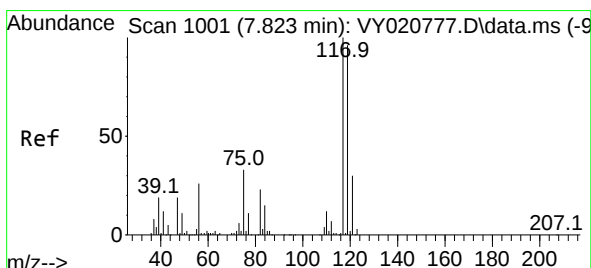
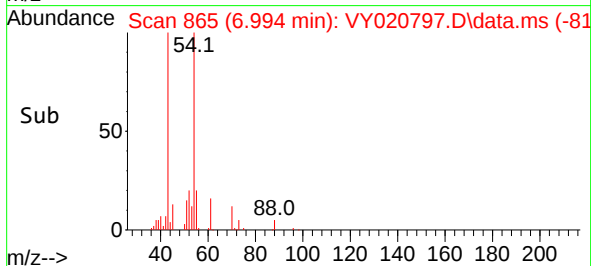
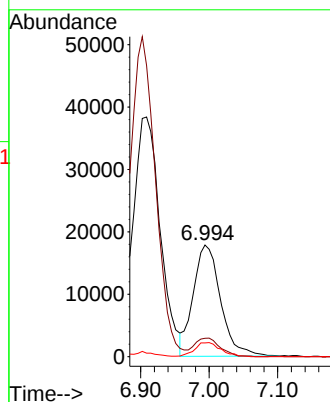
Tgt Ion: 43 Resp: 49596

Ion Ratio Lower Upper

43 100

61 16.1 11.8 17.6

70 12.1 9.8 14.8



#38

Carbon Tetrachloride

Concen: 47.626 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

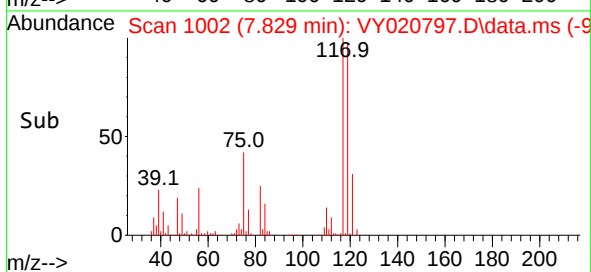
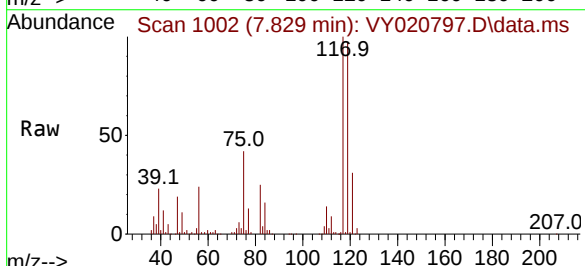
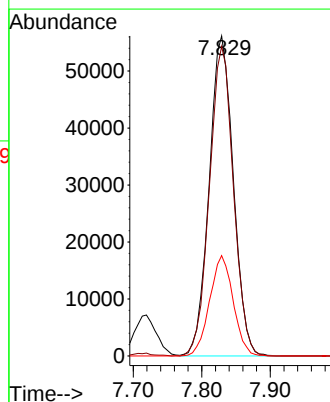
Tgt Ion: 117 Resp: 137599

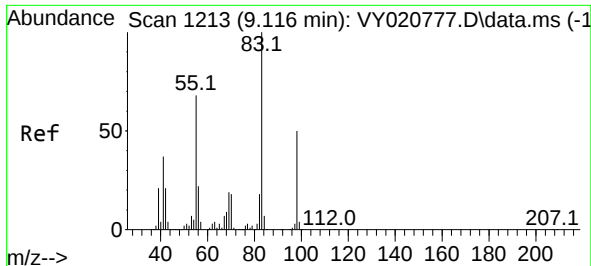
Ion Ratio Lower Upper

117 100

119 96.8 76.5 114.7

121 31.3 24.3 36.5





#39

Methylcyclohexane

Concen: 47.770 ug/l

RT: 9.115 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

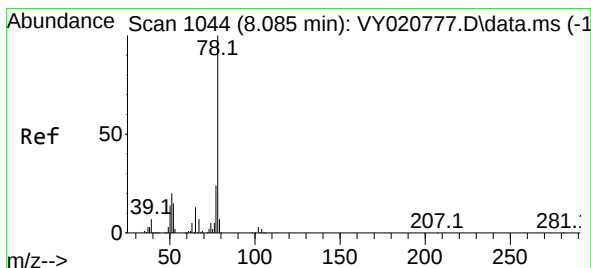
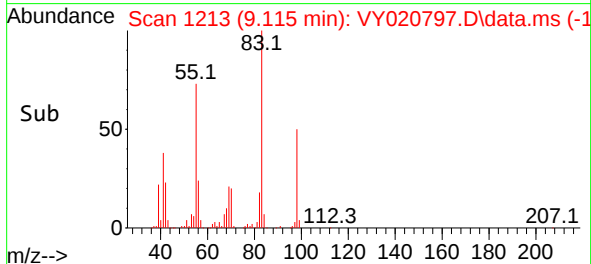
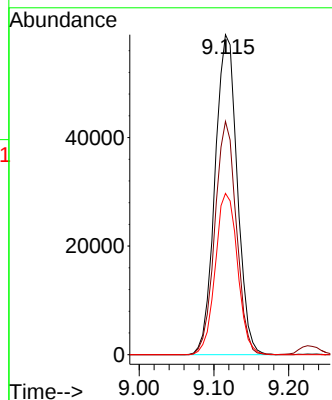
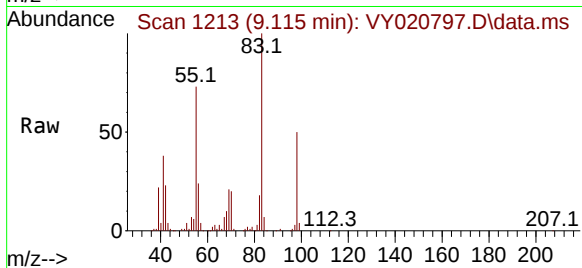
Tgt Ion: 83 Resp: 121668

Ion Ratio Lower Upper

83 100

55 72.9 54.8 82.2

98 50.4 40.0 60.0



#40

Benzene

Concen: 54.289 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY020797.D

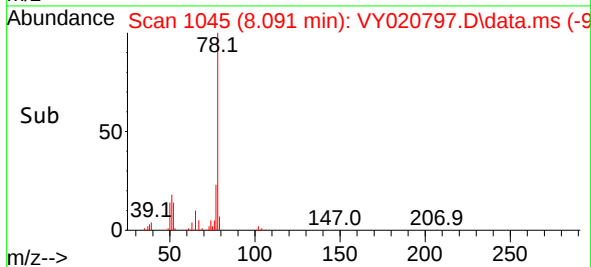
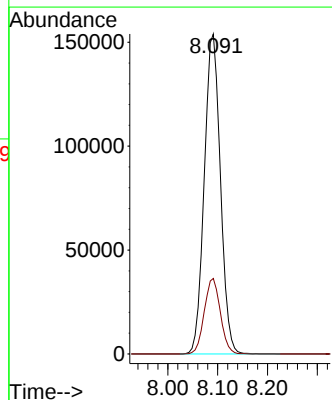
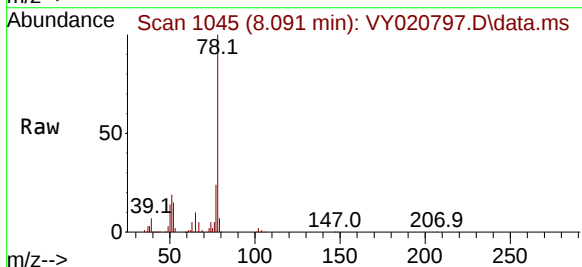
Acq: 07 Jan 2025 17:05

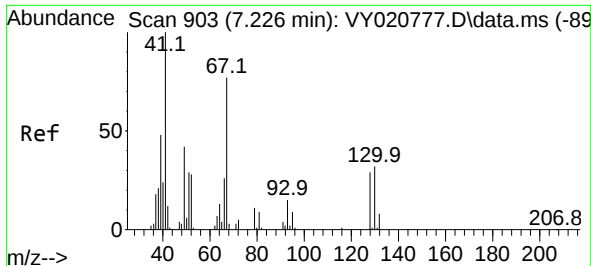
Tgt Ion: 78 Resp: 345829

Ion Ratio Lower Upper

78 100

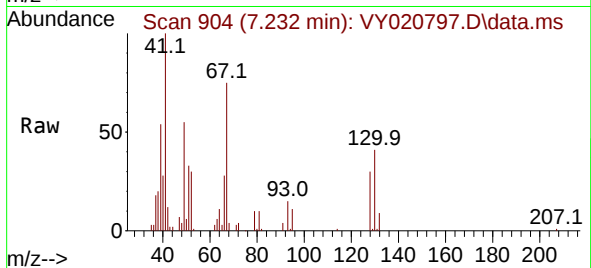
77 23.6 19.4 29.2



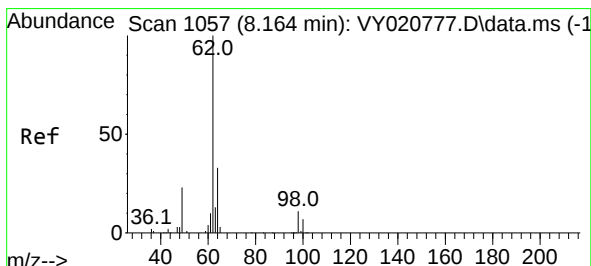
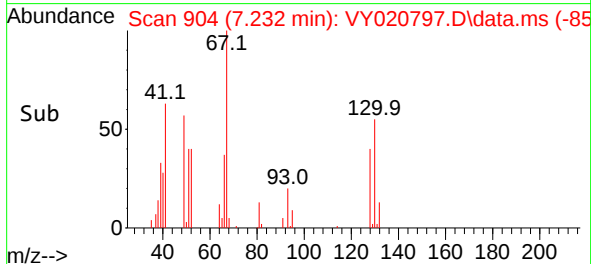
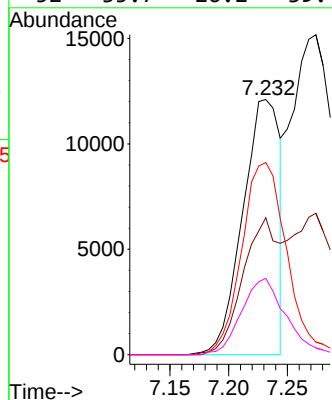


#41
Methacrylonitrile
Concen: 56.411 ug/l
RT: 7.232 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :

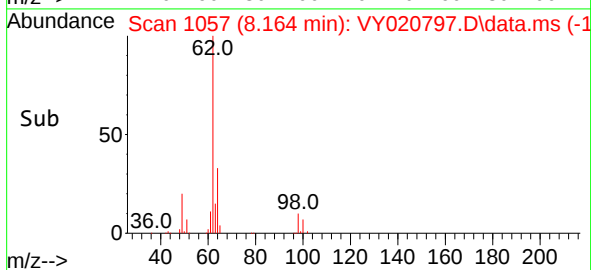
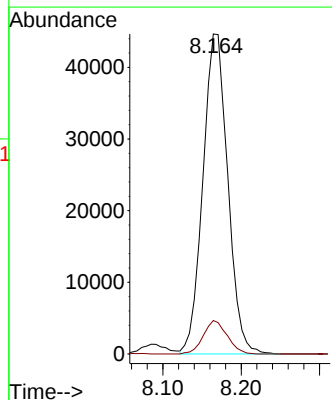
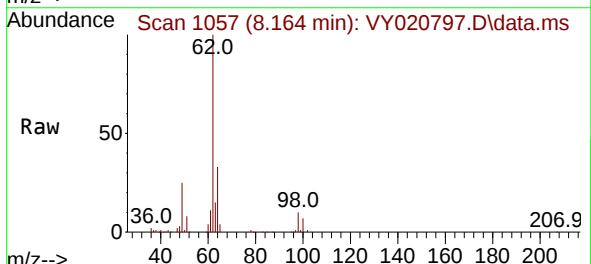


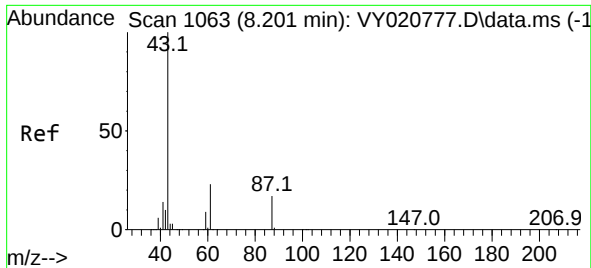
Tgt Ion:	41	Resp:	26684
Ion Ratio	Lower	Upper	
41	100		
39	51.8	42.4	63.6
67	90.8	67.8	101.8
52	35.7	26.2	39.4



#42
1,2-Dichloroethane
Concen: 56.703 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

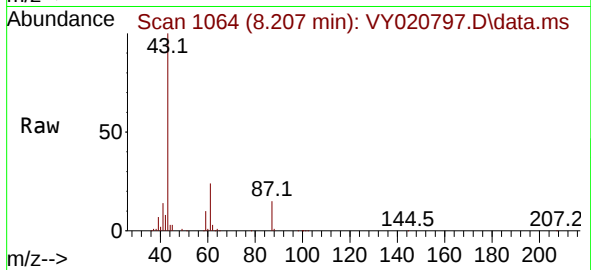
Tgt Ion:	62	Resp:	98641
Ion Ratio	Lower	Upper	
62	100		
98	10.0	0.0	19.6



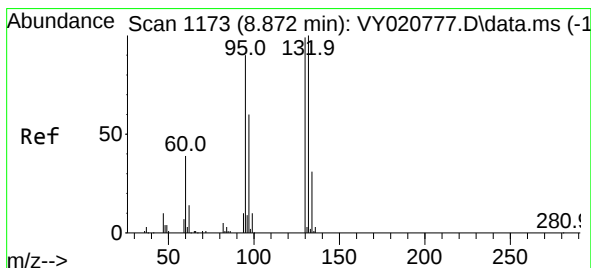
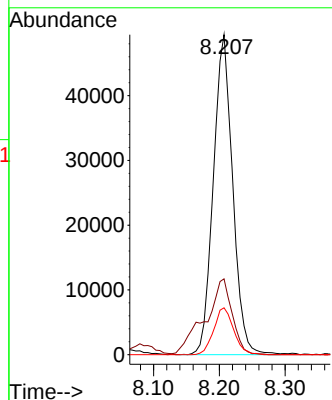
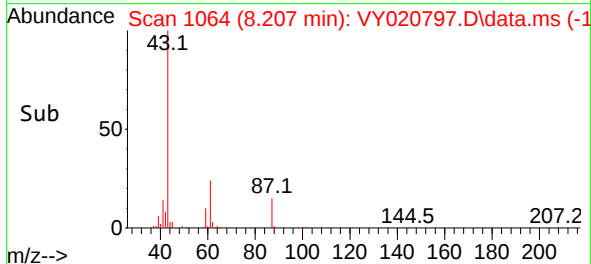


#43
Isopropyl Acetate
Concen: 60.264 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :

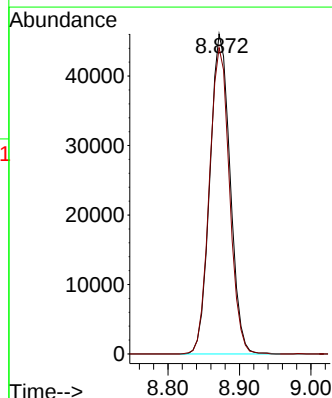
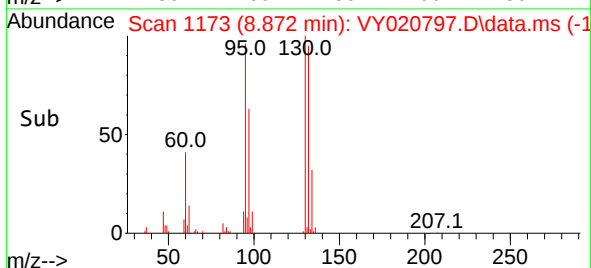
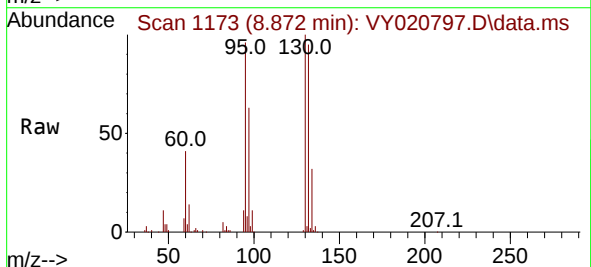


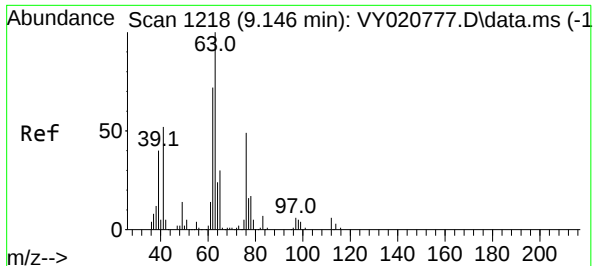
Tgt Ion: 43 Resp: 101243
Ion Ratio Lower Upper
43 100
61 33.2 26.5 39.7
87 15.1 13.4 20.0



#44
Trichloroethene
Concen: 50.891 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion:130 Resp: 90372
Ion Ratio Lower Upper
130 100
95 95.7 0.0 181.0

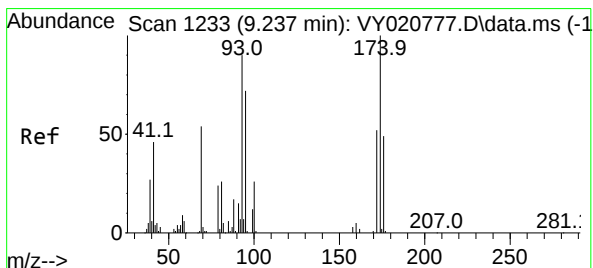
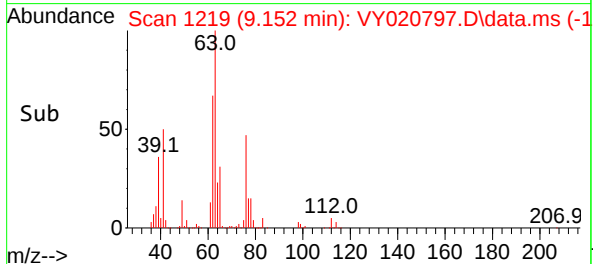
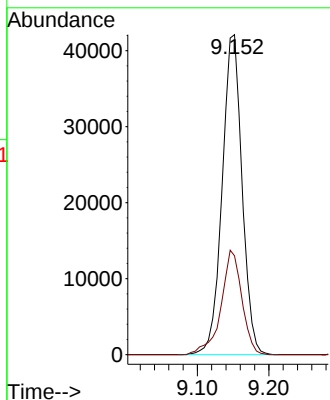
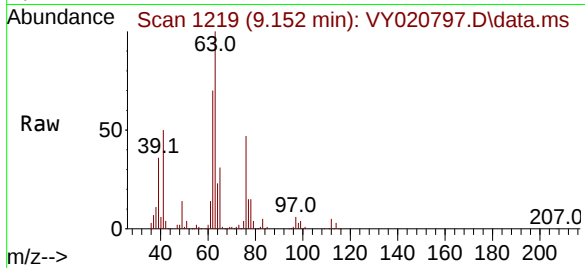




#45
1,2-Dichloropropane
Concen: 56.380 ug/l
RT: 9.152 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

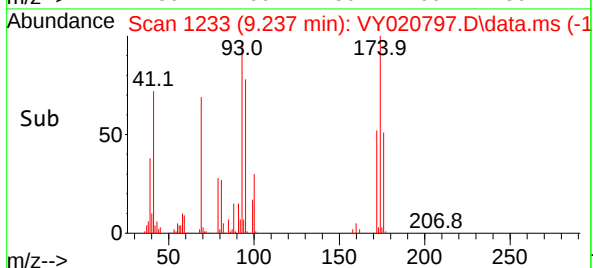
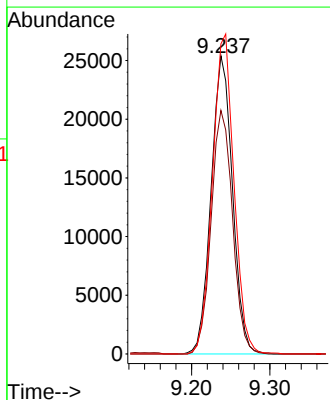
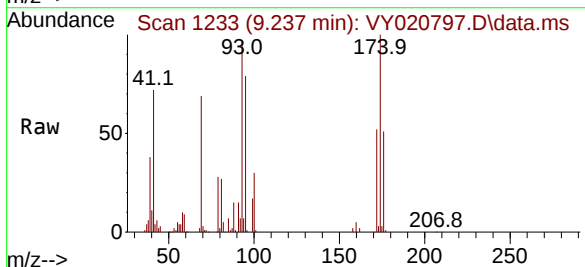
Instrument :
MSVOA_Y
ClientSampleId :

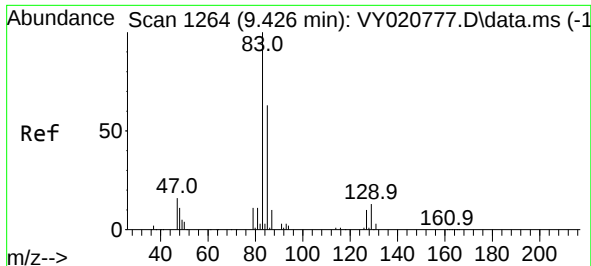
Tgt Ion: 63 Resp: 81420
Ion Ratio Lower Upper
63 100
65 30.9 24.2 36.4



#46
Dibromomethane
Concen: 58.148 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 93 Resp: 48220
Ion Ratio Lower Upper
93 100
95 81.9 68.2 102.4
174 107.9 89.0 133.6

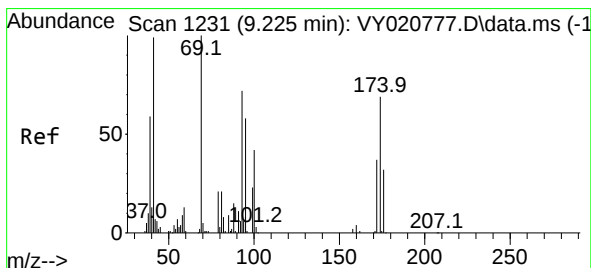
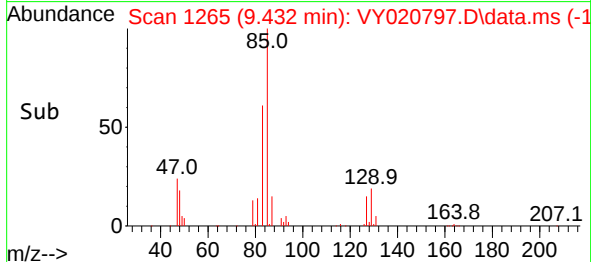
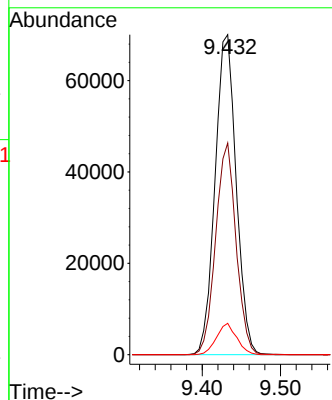
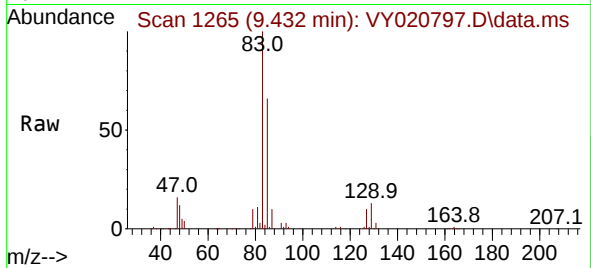




#47
Bromodichloromethane
Concen: 55.219 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

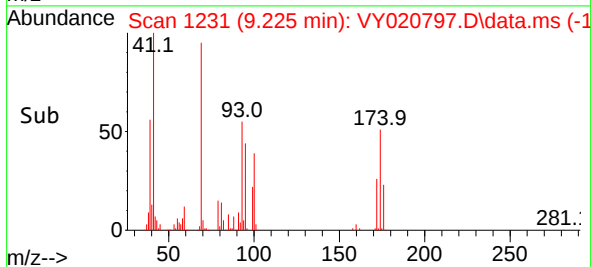
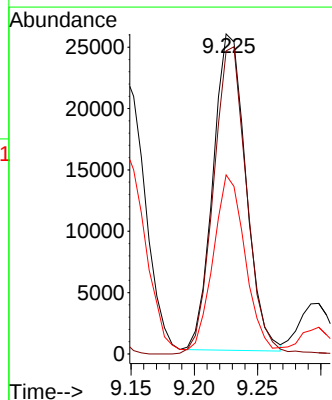
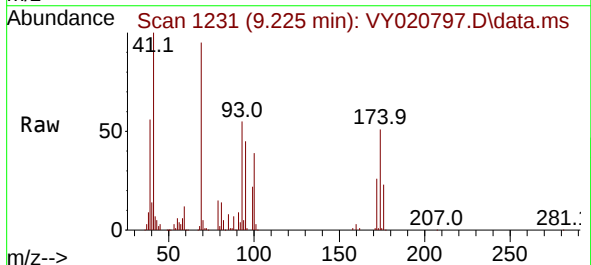
Instrument :
MSVOA_Y
ClientSampleId :

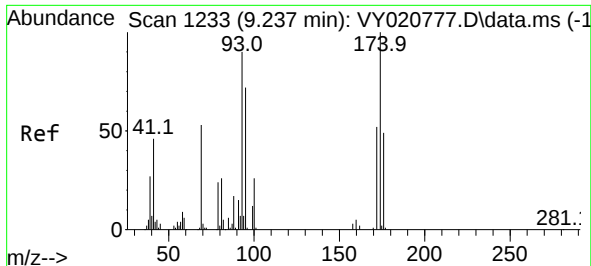
Tgt Ion: 83 Resp: 131145
Ion Ratio Lower Upper
83 100
85 66.2 50.7 76.1
127 9.8 7.9 11.9



#48
Methyl methacrylate
Concen: 61.761 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 41 Resp: 46516
Ion Ratio Lower Upper
41 100
69 98.4 78.9 118.3
39 55.8 44.6 67.0





#49

1,4-Dioxane

Concen: 1181.195 ug/l

RT: 9.243 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

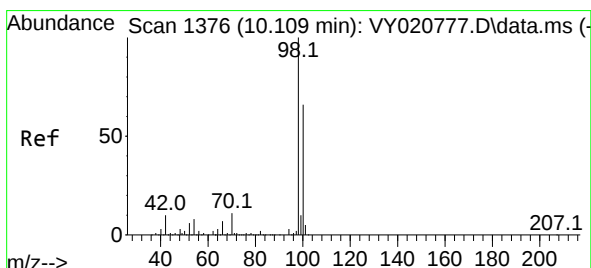
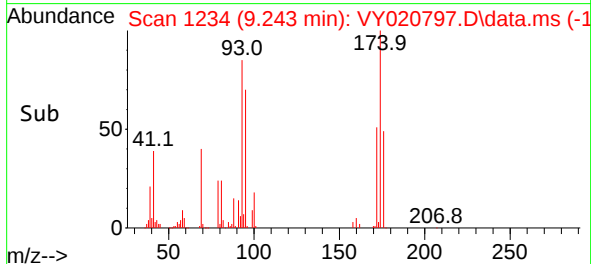
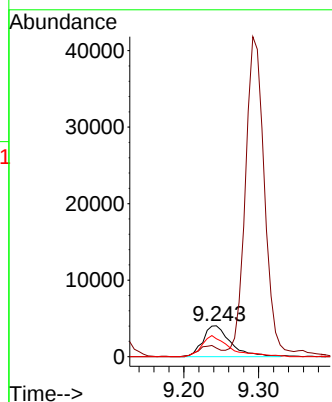
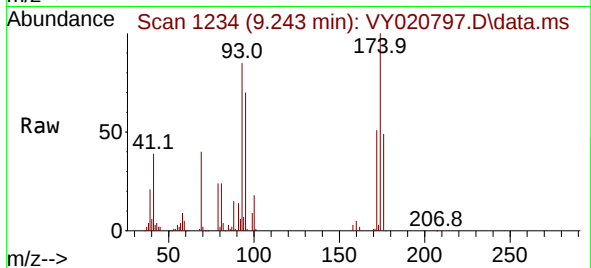
Tgt Ion: 88 Resp: 10400

Ion Ratio Lower Upper

88 100

43 26.7 24.4 36.6

58 69.5 51.0 76.6



#50

Toluene-d8

Concen: 58.533 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY020797.D

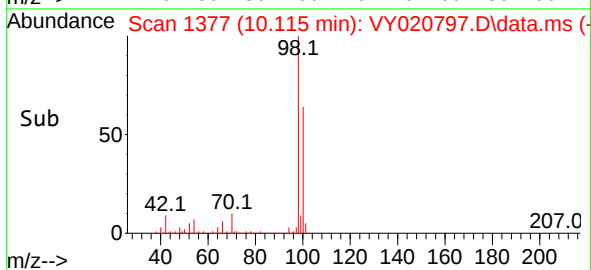
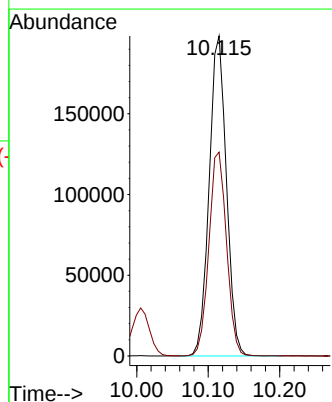
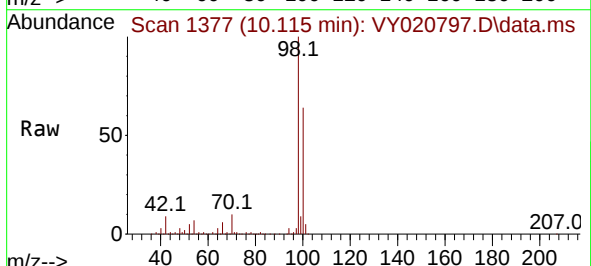
Acq: 07 Jan 2025 17:05

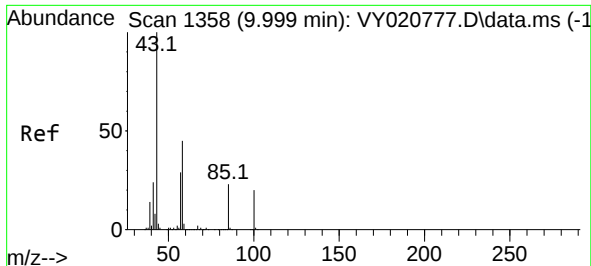
Tgt Ion: 98 Resp: 332037

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7

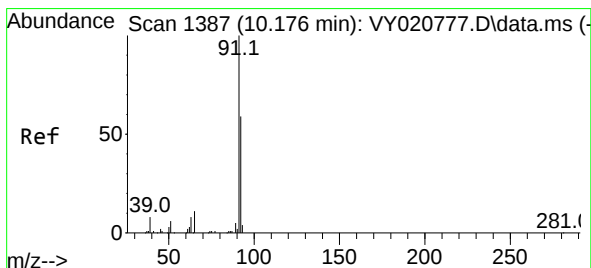
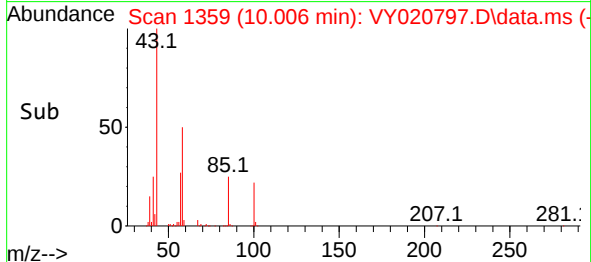
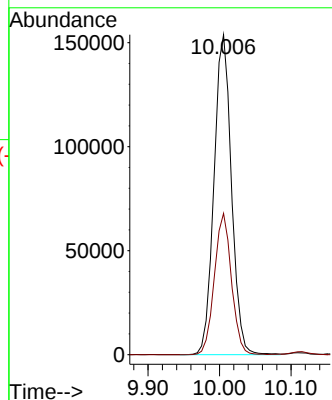
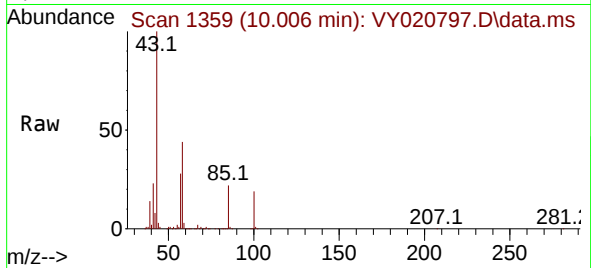




#51
4-Methyl-2-Pentanone
Concen: 310.696 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

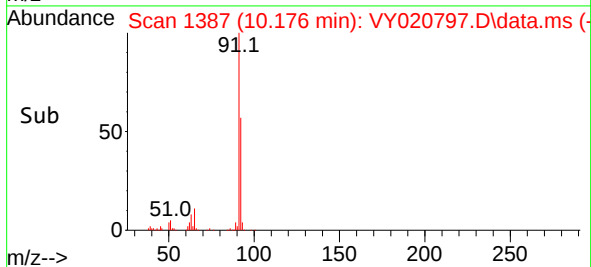
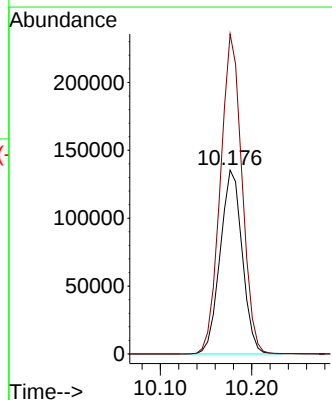
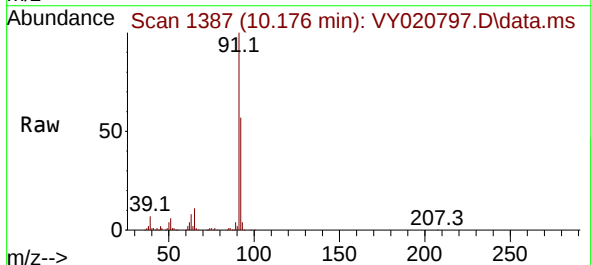
Instrument :
MSVOA_Y
ClientSampleId :

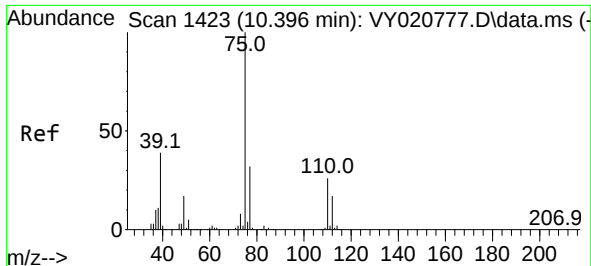
Tgt Ion: 43 Resp: 260766
Ion Ratio Lower Upper
43 100
58 43.2 34.8 52.2



#52
Toluene
Concen: 53.844 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 92 Resp: 227128
Ion Ratio Lower Upper
92 100
91 170.7 136.6 204.8

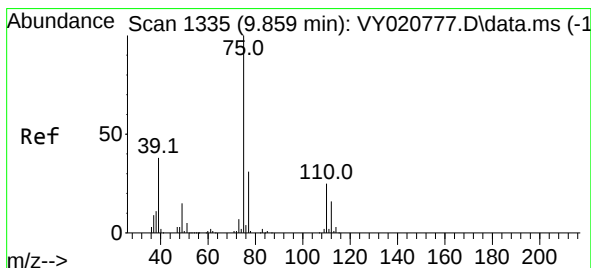
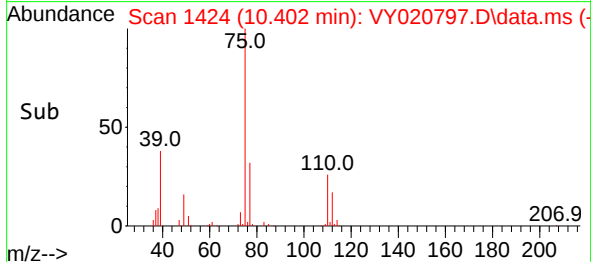
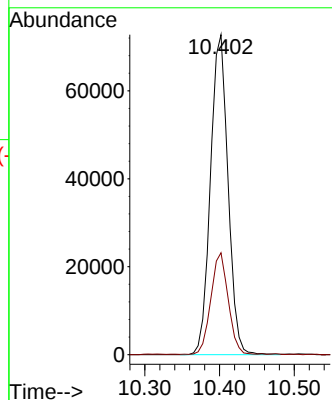
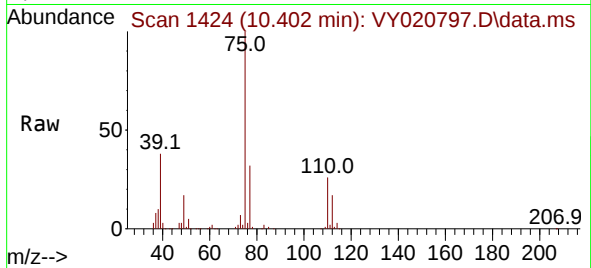




#53
 t-1,3-Dichloropropene
 Concen: 56.148 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

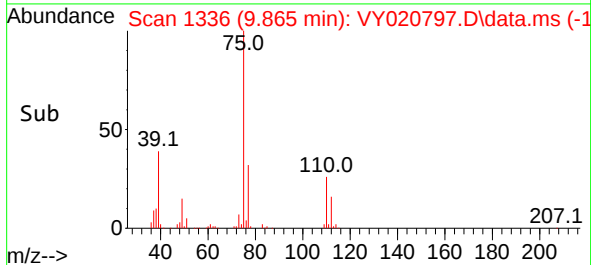
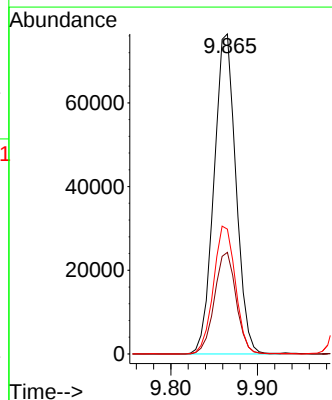
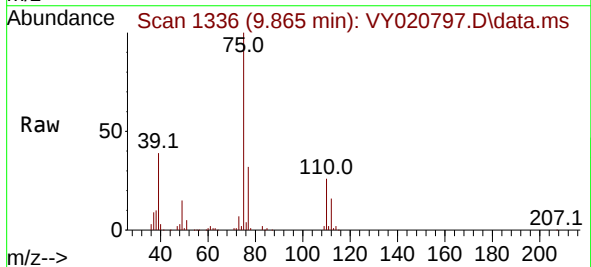
Instrument :
 MSVOA_Y
 ClientSampleId :

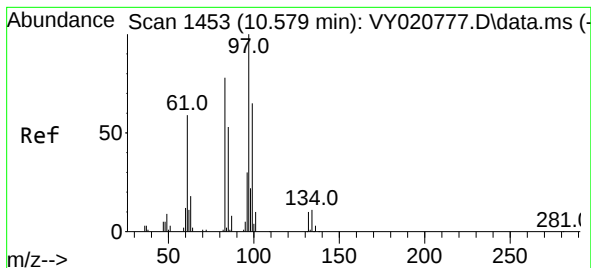
Tgt Ion: 75 Resp: 118602
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 54.880 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

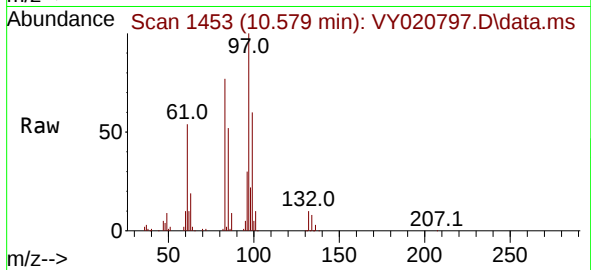
Tgt Ion: 75 Resp: 134632
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7
 39 39.0 30.7 46.1



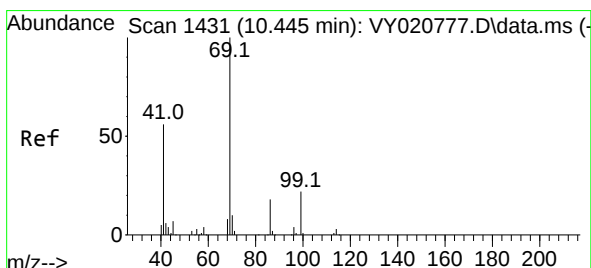
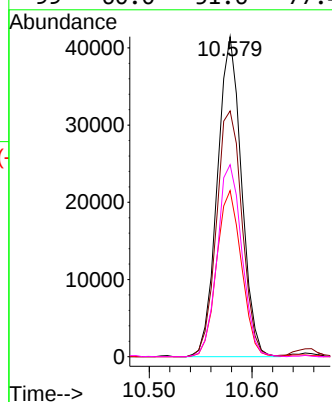
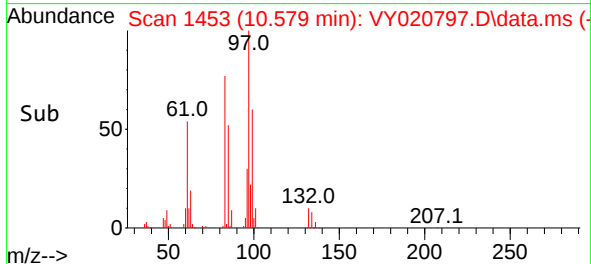


#55
1,1,2-Trichloroethane
Concen: 57.087 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

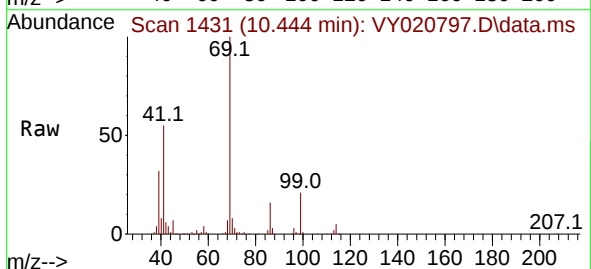
Instrument :
MSVOA_Y
ClientSampleId :



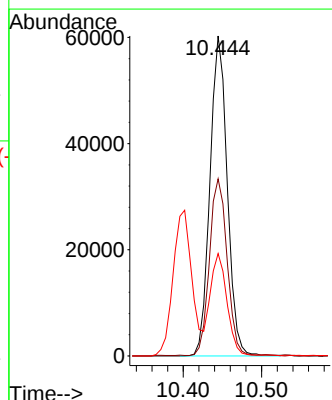
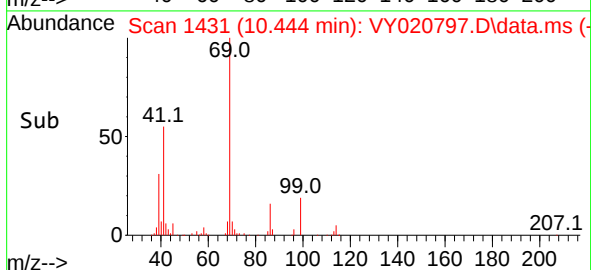
Tgt Ion: 97	Resp: 67632
Ion Ratio	Lower Upper
97 100	
83 76.8	62.8 94.2
85 51.9	42.4 63.6
99 60.0	51.6 77.4

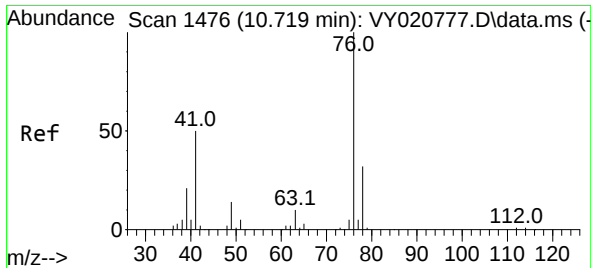


#56
Ethyl methacrylate
Concen: 61.766 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05



Tgt Ion: 69	Resp: 92414
Ion Ratio	Lower Upper
69 100	
41 56.2	46.6 69.8
39 30.6	25.7 38.5

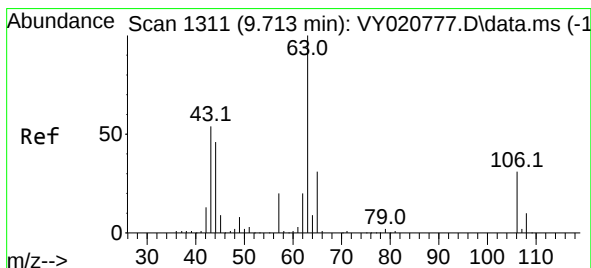
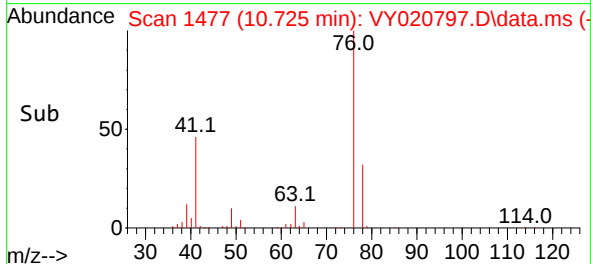
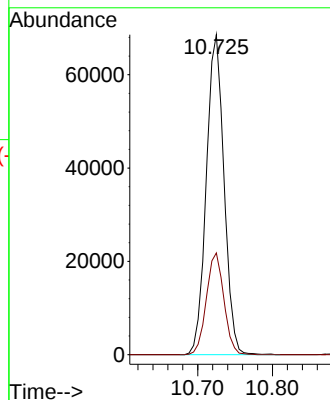
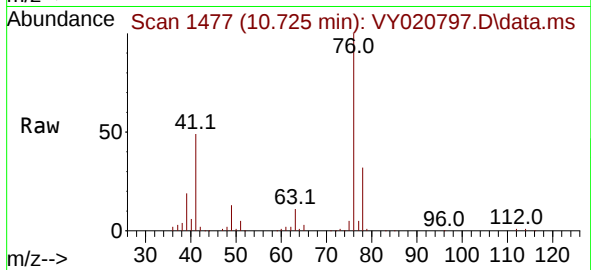




#57
1,3-Dichloropropane
Concen: 58.383 ug/l
RT: 10.725 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

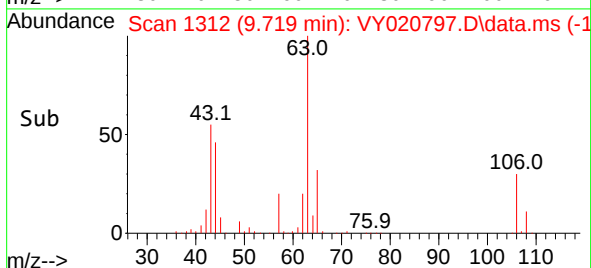
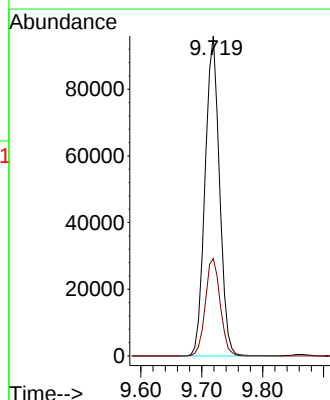
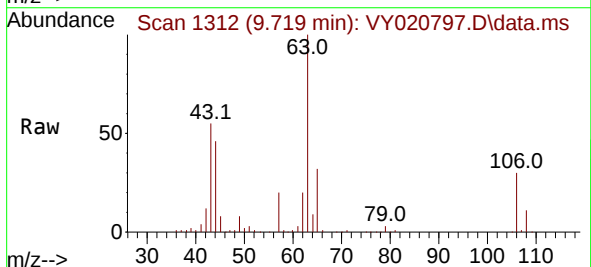
Instrument :
MSVOA_Y
ClientSampleId :

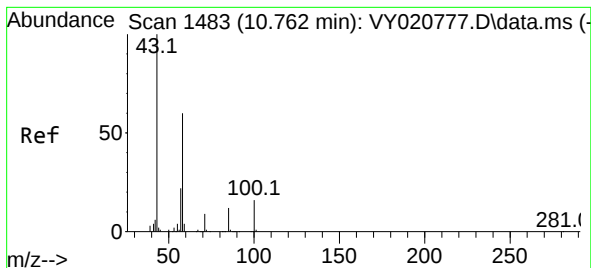
Tgt Ion: 76 Resp: 112746
Ion Ratio Lower Upper
76 100
78 31.4 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 267.260 ug/l
RT: 9.719 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 63 Resp: 158634
Ion Ratio Lower Upper
63 100
106 31.2 25.9 38.9

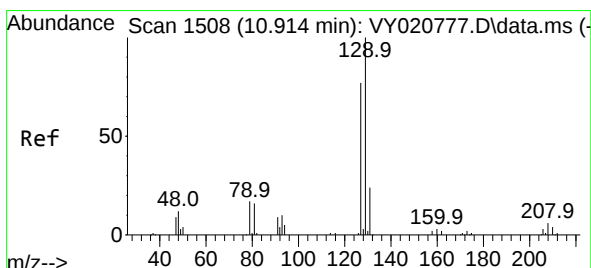
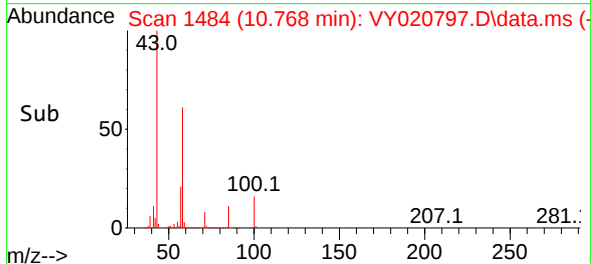
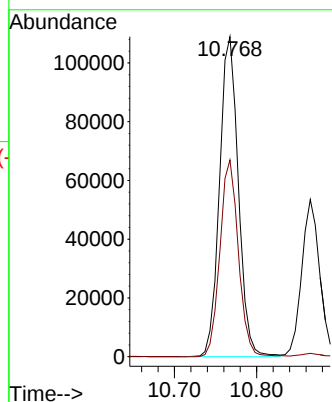
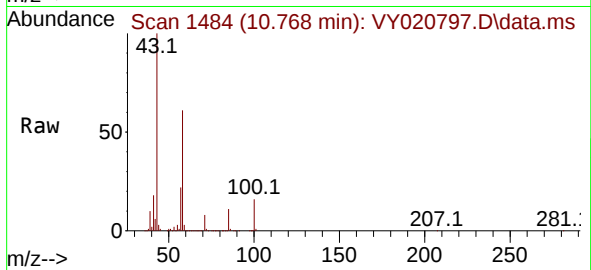




#59
2-Hexanone
Concen: 321.056 ug/l
RT: 10.768 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

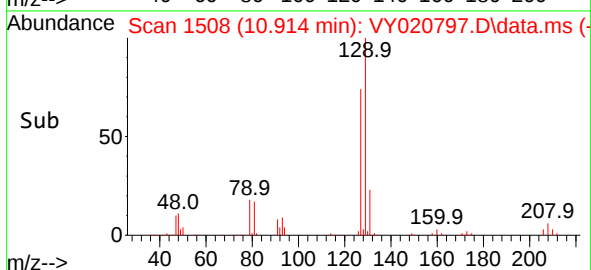
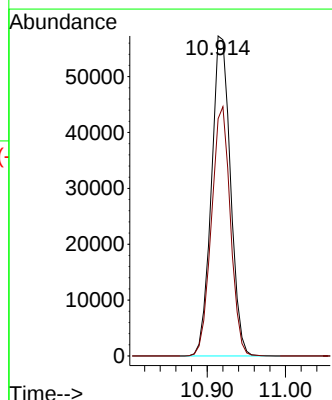
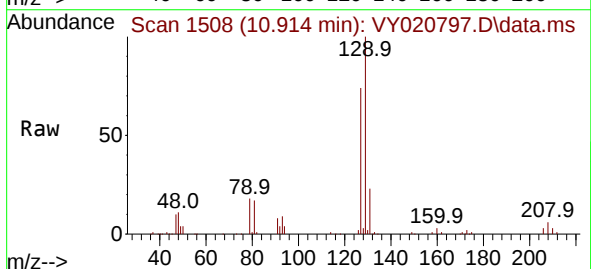
Instrument :
MSVOA_Y
ClientSampleId :

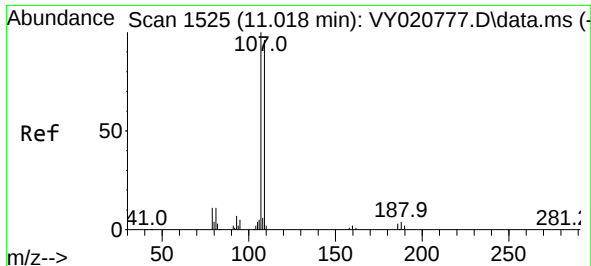
Tgt Ion: 43 Resp: 172872
Ion Ratio Lower Upper
43 100
58 60.5 30.6 92.0



#60
Dibromochloromethane
Concen: 56.338 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion:129 Resp: 96802
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9

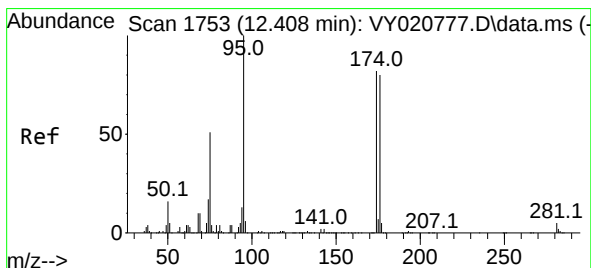
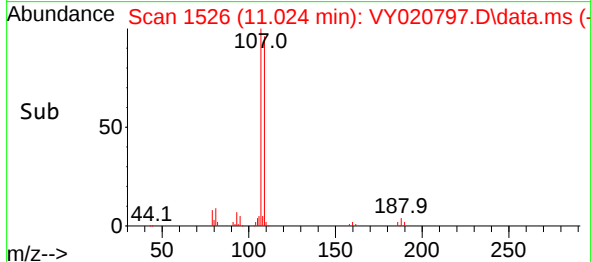
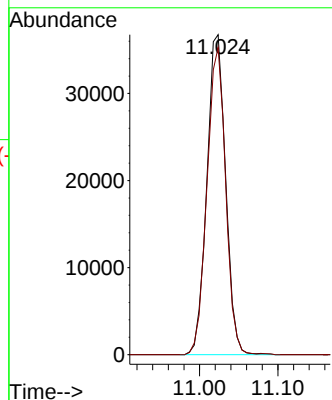
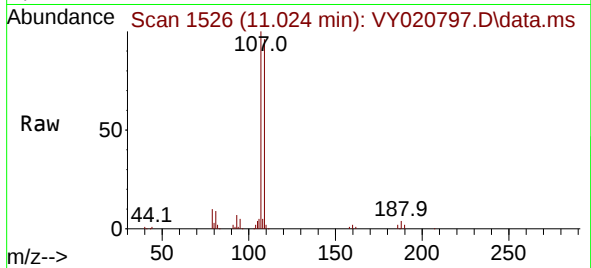




#61
1,2-Dibromoethane
Concen: 57.556 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

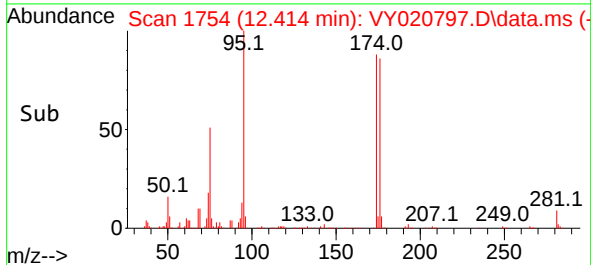
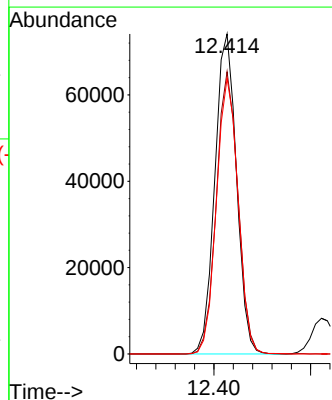
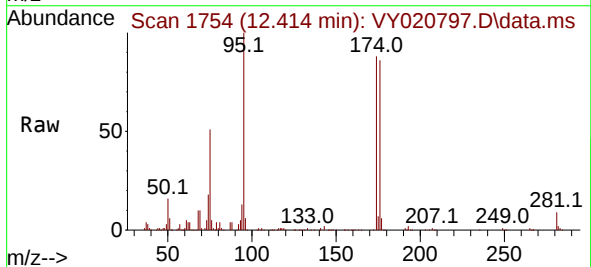
Instrument :
MSVOA_Y
ClientSampleId :

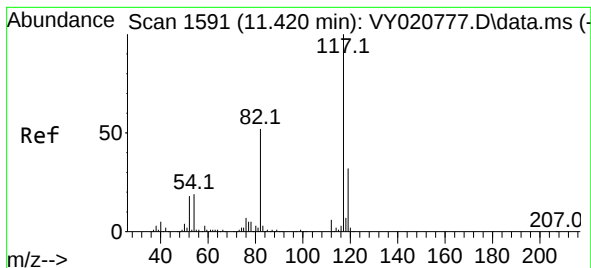
Tgt Ion:107 Resp: 61217
Ion Ratio Lower Upper
107 100
109 95.4 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 54.828 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 95 Resp: 114853
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.0
176 86.2 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. -0.000 min

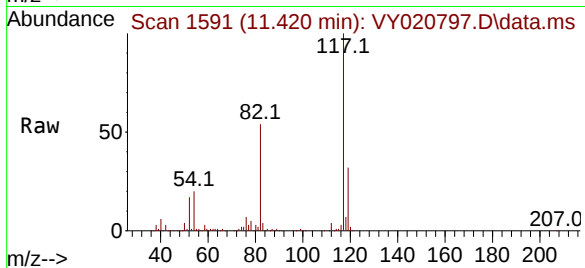
Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :



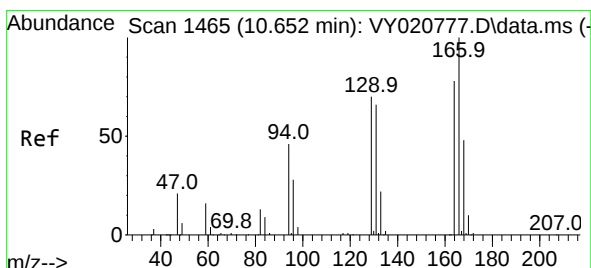
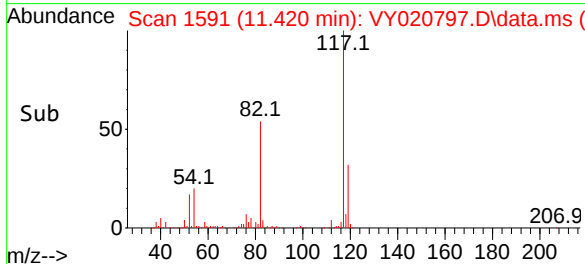
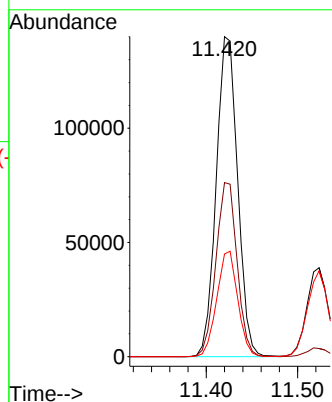
Tgt Ion:117 Resp: 228670

Ion Ratio Lower Upper

117 100

82 54.4 41.8 62.6

119 32.1 25.8 38.8



#64

Tetrachloroethene

Concen: 46.898 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Tgt Ion:164 Resp: 78846

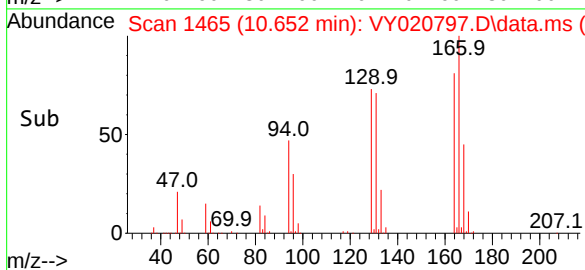
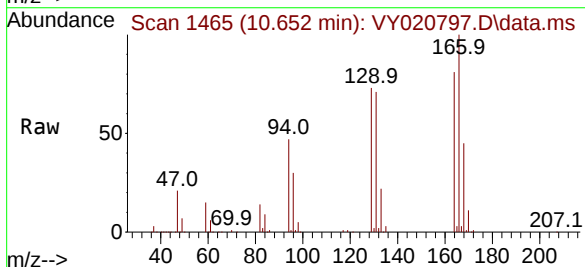
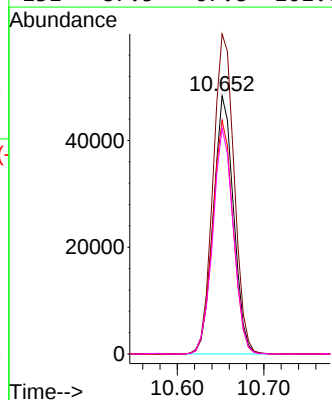
Ion Ratio Lower Upper

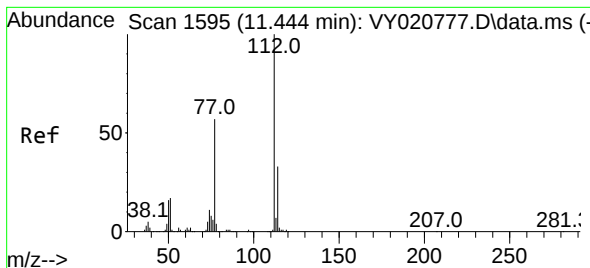
164 100

166 124.0 102.0 153.0

129 90.5 71.4 107.2

131 87.5 67.8 101.6





#65

Chlorobenzene

Concen: 51.367 ug/l

RT: 11.450 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

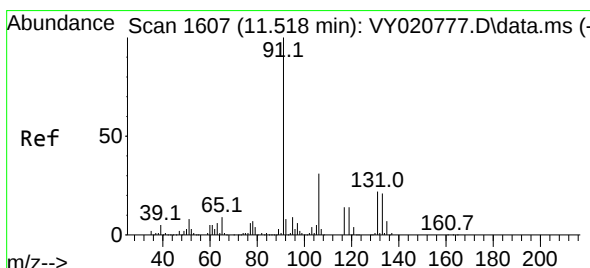
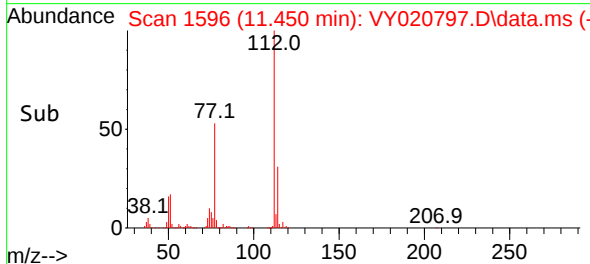
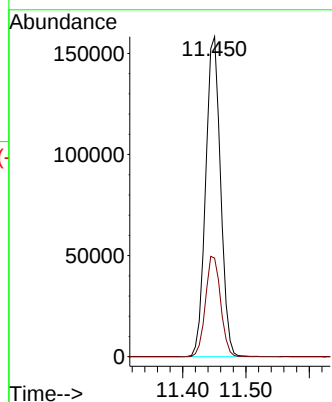
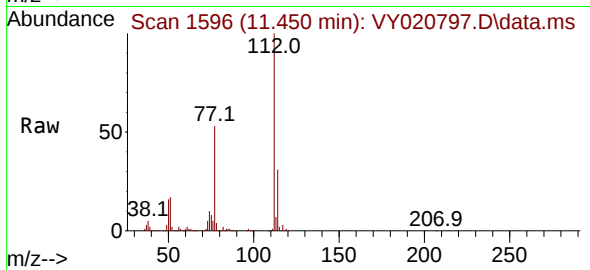
ClientSampleId :

Tgt Ion:112 Resp: 259706

Ion Ratio Lower Upper

112 100

114 30.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 51.092 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

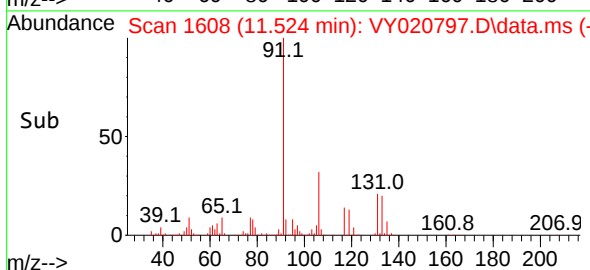
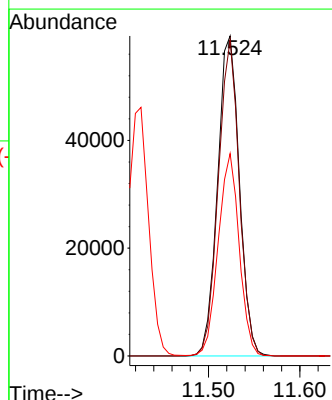
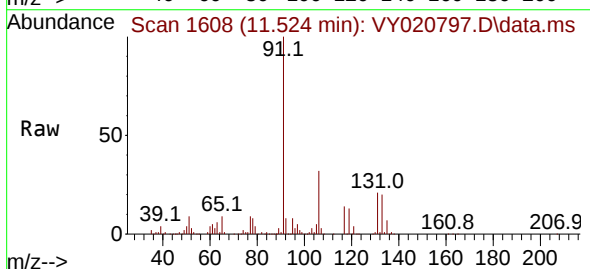
Tgt Ion:131 Resp: 98337

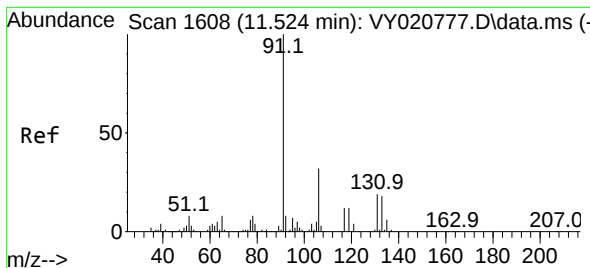
Ion Ratio Lower Upper

131 100

133 95.0 46.9 140.8

119 61.1 30.2 90.6





#67

Ethyl Benzene

Concen: 50.332 ug/l

RT: 11.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

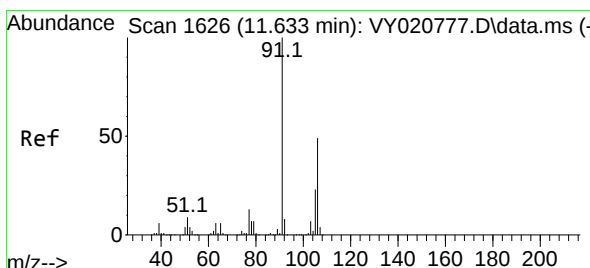
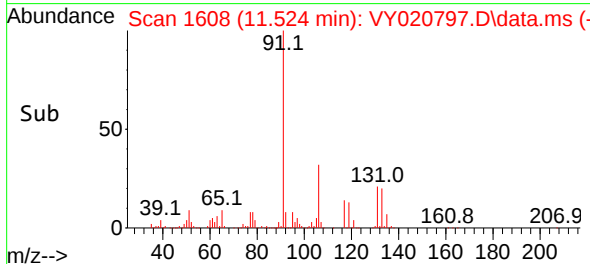
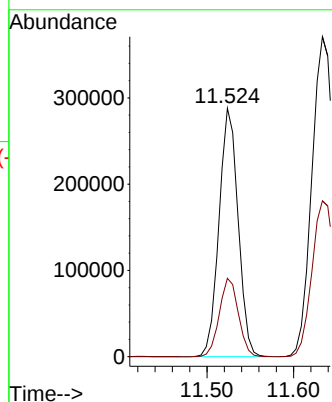
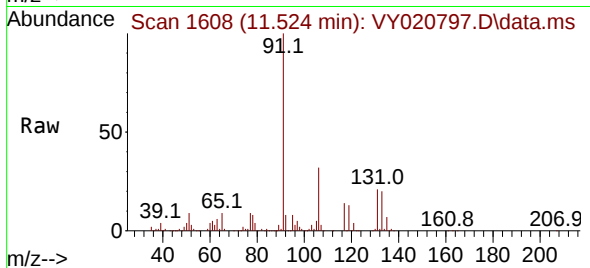
ClientSampleId :

Tgt Ion: 91 Resp: 440570

Ion Ratio Lower Upper

91 100

106 31.6 25.5 38.3



#68

m/p-Xylenes

Concen: 99.367 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY020797.D

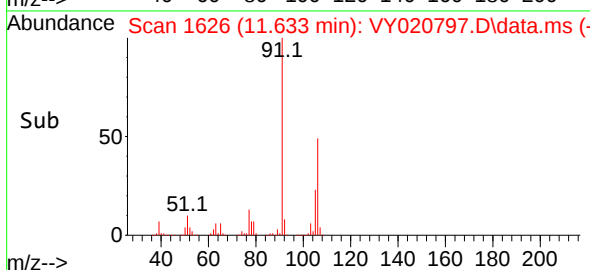
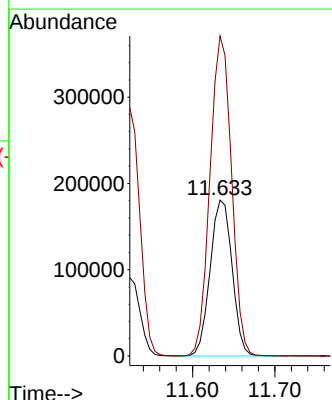
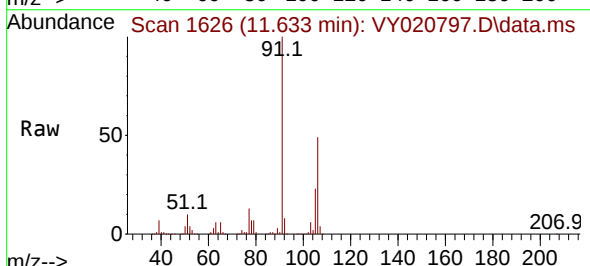
Acq: 07 Jan 2025 17:05

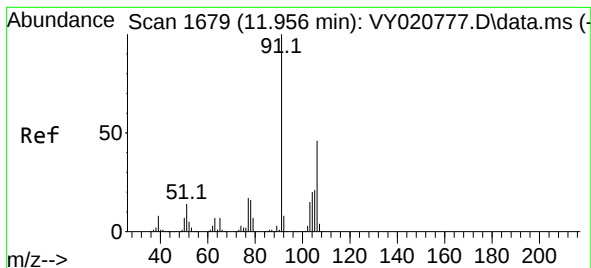
Tgt Ion:106 Resp: 334883

Ion Ratio Lower Upper

106 100

91 201.6 162.6 243.8





#69

o-Xylene

Concen: 50.736 ug/l

RT: 11.962 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

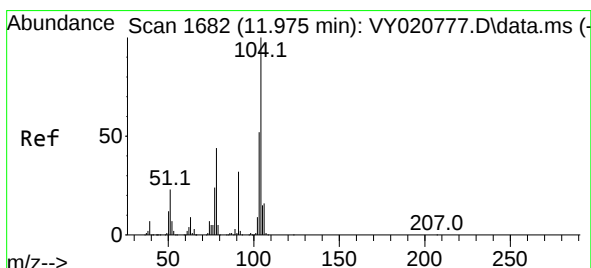
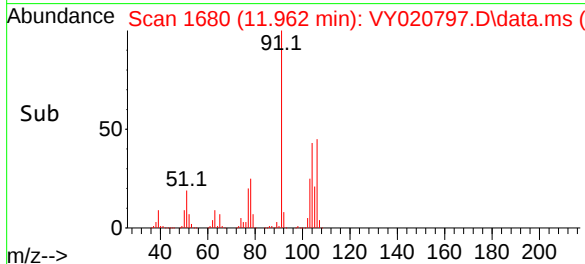
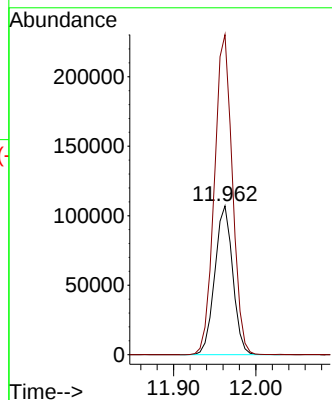
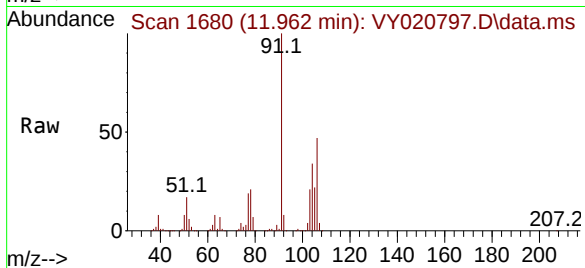
ClientSampleId :

Tgt Ion:106 Resp: 162123

Ion Ratio Lower Upper

106 100

91 215.9 108.2 324.6



#70

Styrene

Concen: 52.027 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

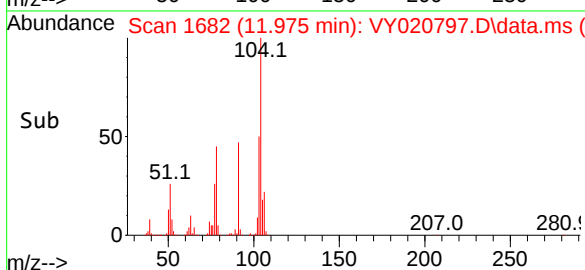
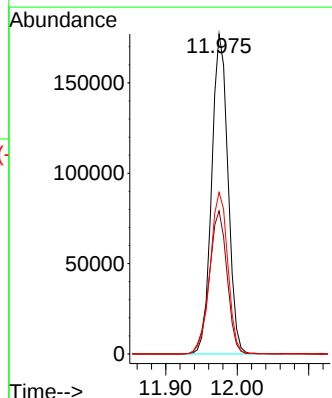
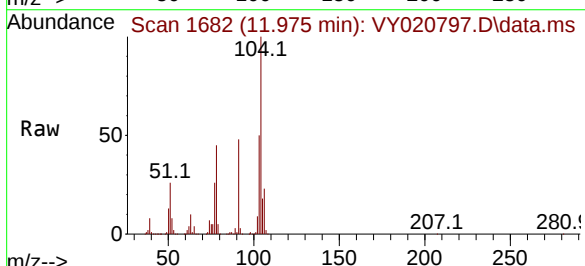
Tgt Ion:104 Resp: 279854

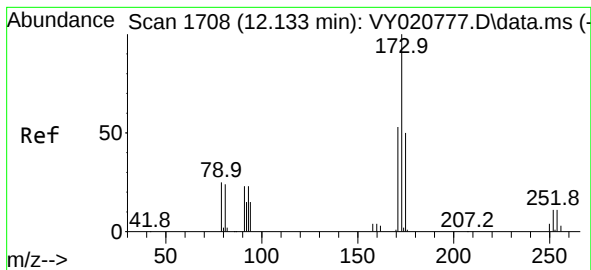
Ion Ratio Lower Upper

104 100

78 49.0 39.4 59.2

103 54.8 44.0 66.0





#71

Bromoform

Concen: 53.524 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

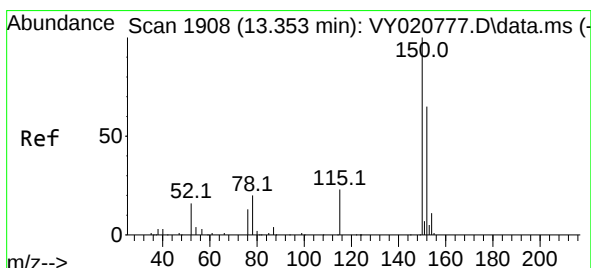
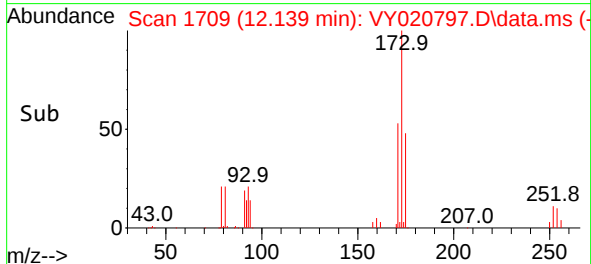
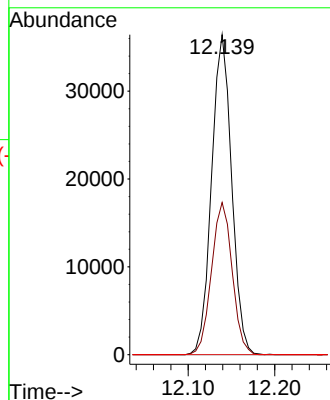
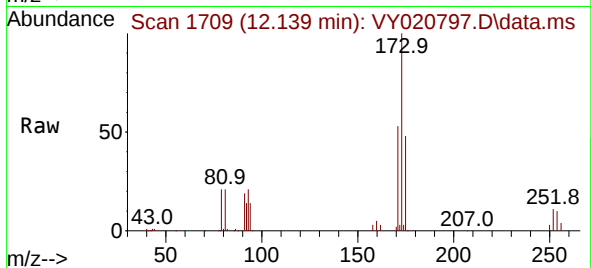
Tgt Ion:173 Resp: 58564

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

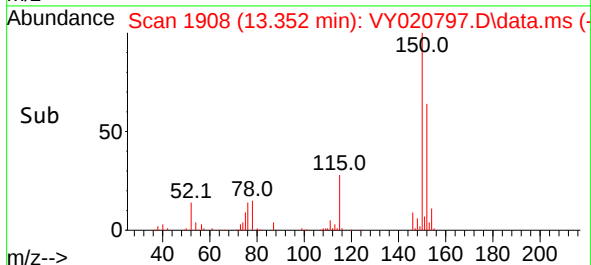
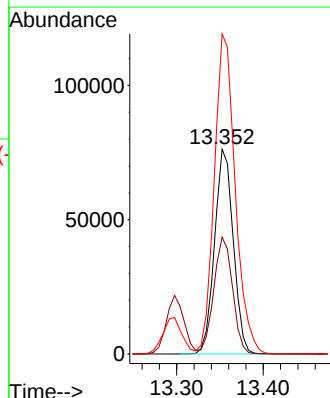
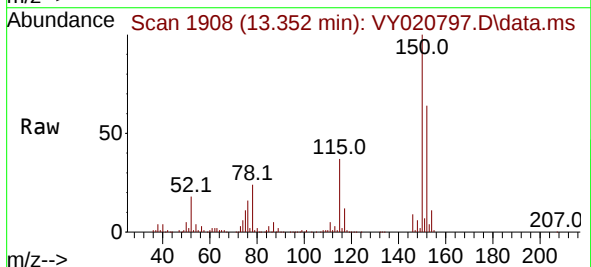
Tgt Ion:152 Resp: 114364

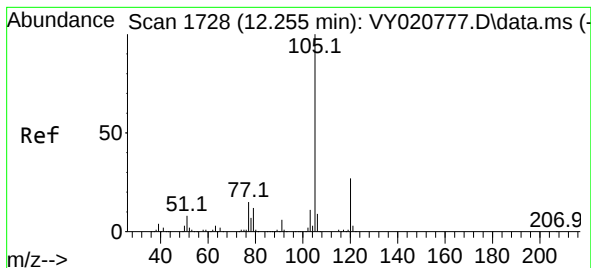
Ion Ratio Lower Upper

152 100

115 57.2 29.0 87.0

150 174.3 0.0 347.4





#73

Isopropylbenzene

Concen: 47.553 ug/l

RT: 12.261 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

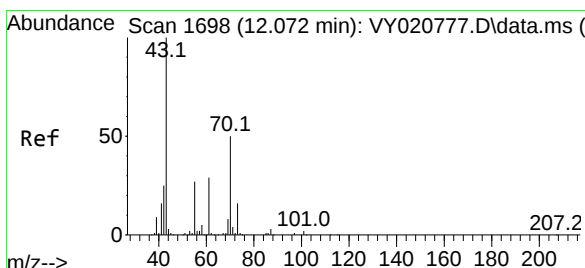
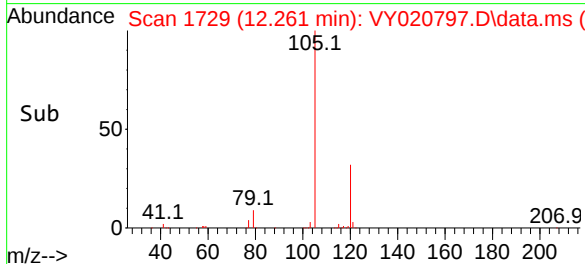
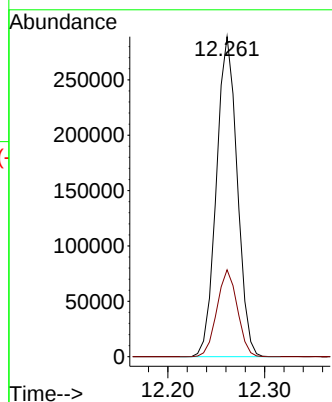
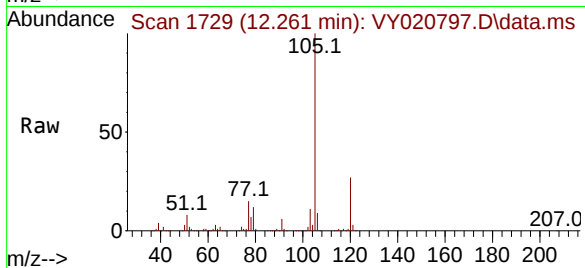
ClientSampleId :

Tgt Ion:105 Resp: 431434

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 58.641 ug/l

RT: 12.078 min Scan# 1699

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Tgt Ion: 43 Resp: 87027

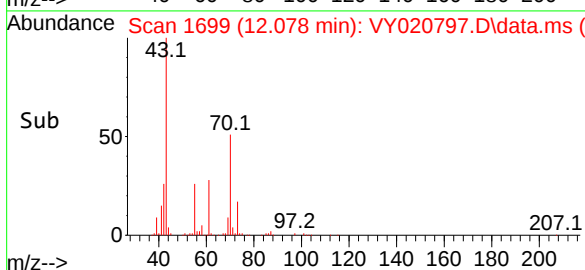
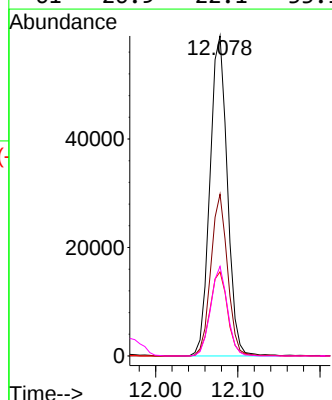
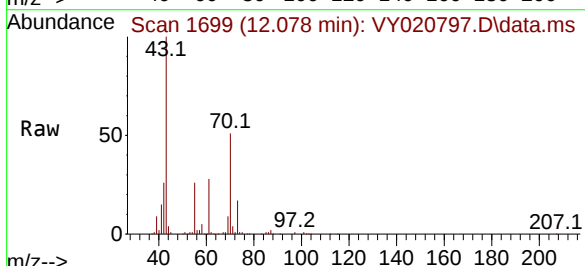
Ion Ratio Lower Upper

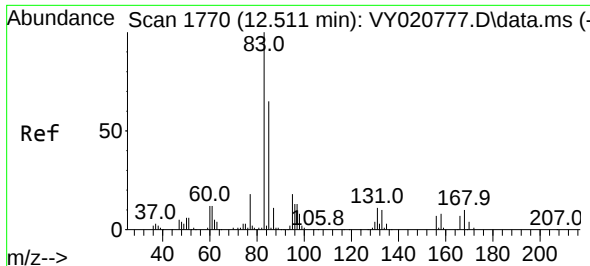
43 100

70 48.6 40.2 60.4

55 26.8 21.2 31.8

61 26.9 22.1 33.1

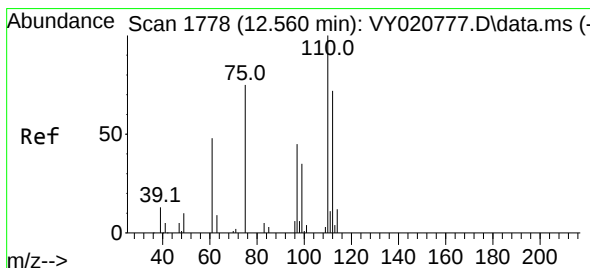
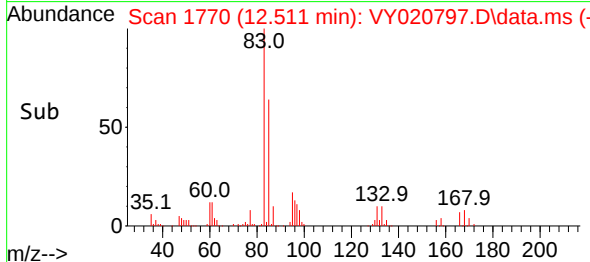
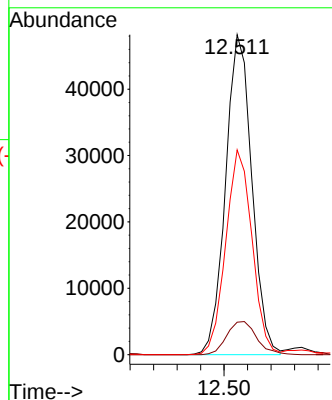
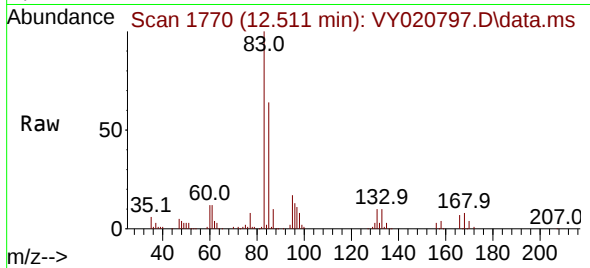




#75
 1,1,2-Tetrachloroethane
 Concen: 54.572 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. -0.000 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

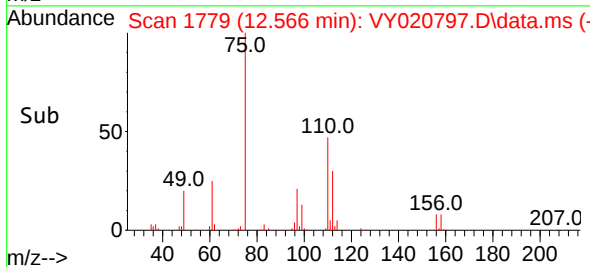
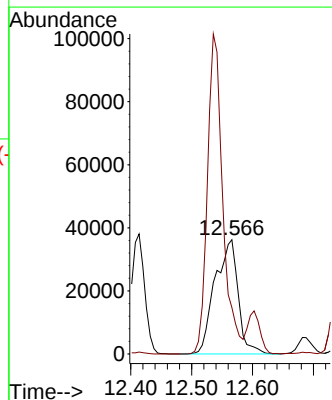
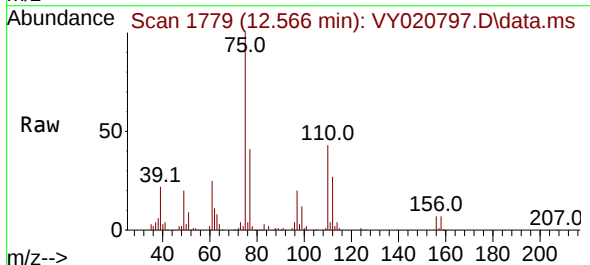
Instrument :
 MSVOA_Y
 ClientSampleId :

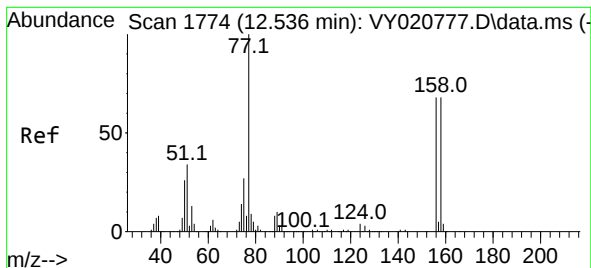
Tgt Ion: 83 Resp: 75042
 Ion Ratio Lower Upper
 83 100
 131 11.8 6.0 18.0
 85 64.1 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 95.776 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

Tgt Ion: 75 Resp: 95839
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.921 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

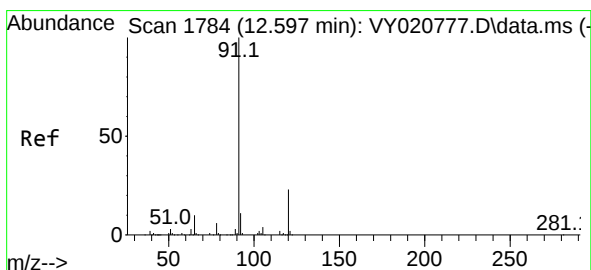
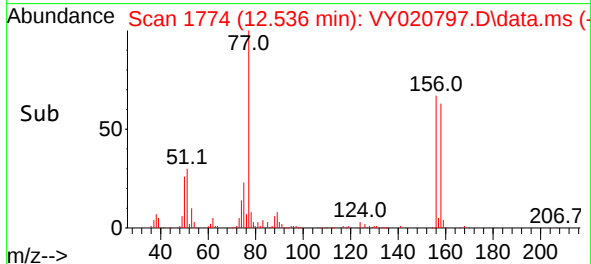
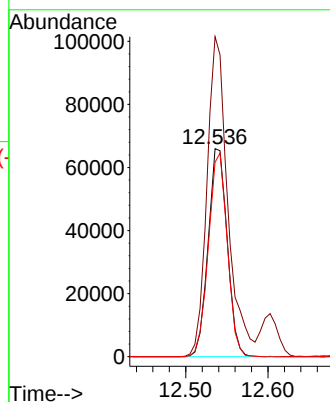
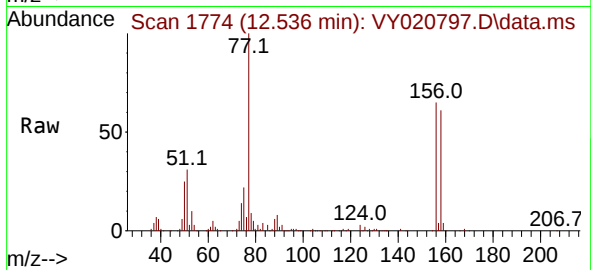
Tgt Ion:156 Resp: 106516

Ion Ratio Lower Upper

156 100

77 167.3 82.3 247.0

158 96.4 48.0 144.0



#78

n-propylbenzene

Concen: 48.233 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VY020797.D

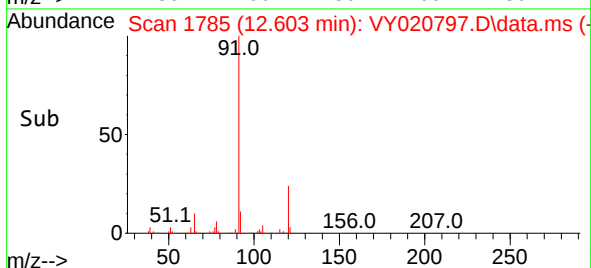
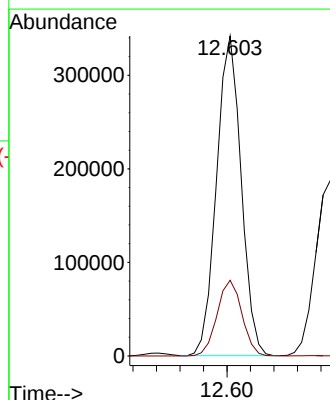
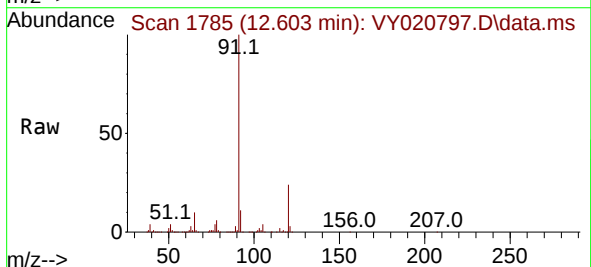
Acq: 07 Jan 2025 17:05

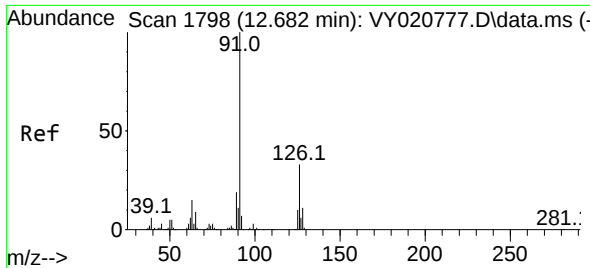
Tgt Ion: 91 Resp: 496706

Ion Ratio Lower Upper

91 100

120 23.9 12.0 36.1

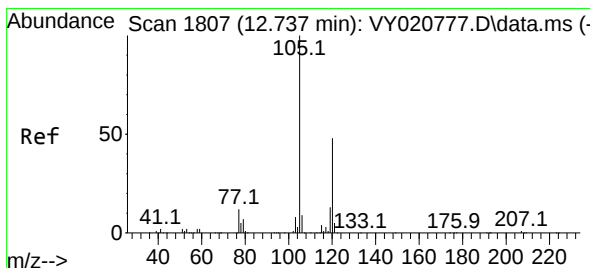
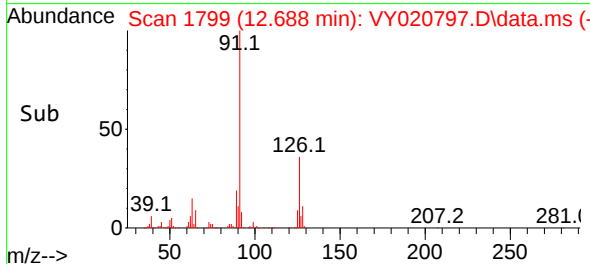
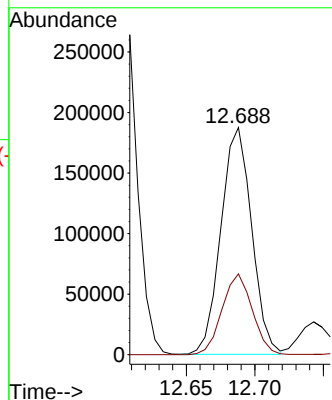
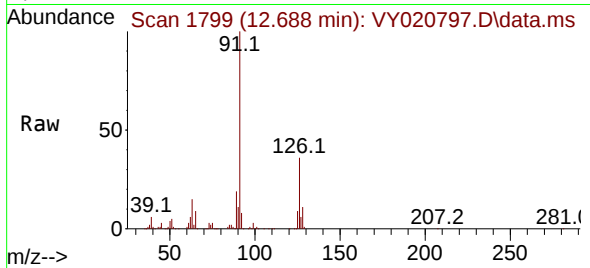




#79
2-Chlorotoluene
Concen: 49.325 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

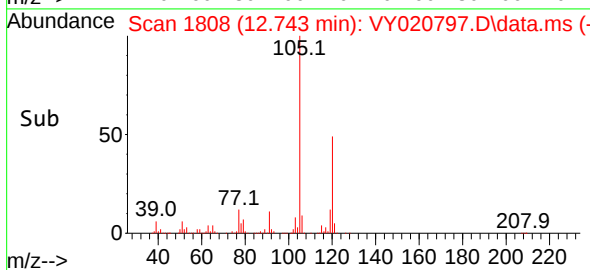
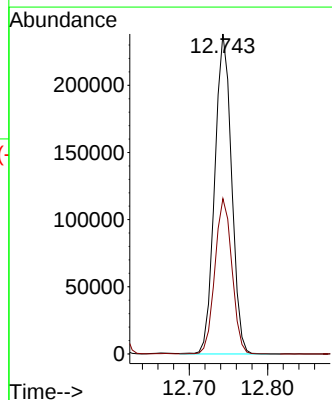
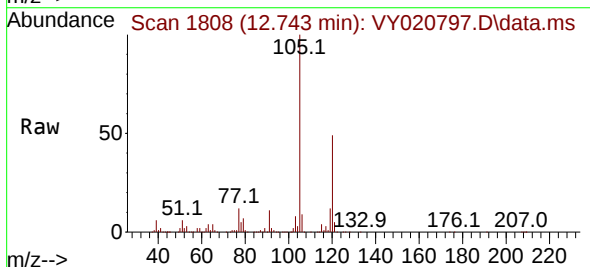
Instrument :
MSVOA_Y
ClientSampleId :

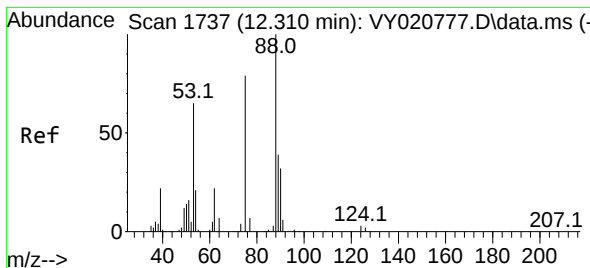
Tgt Ion: 91 Resp: 292508
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 48.309 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 105 Resp: 355201
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5

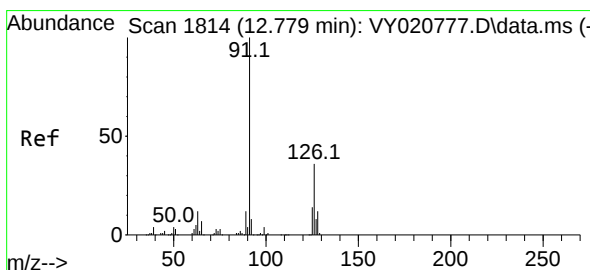
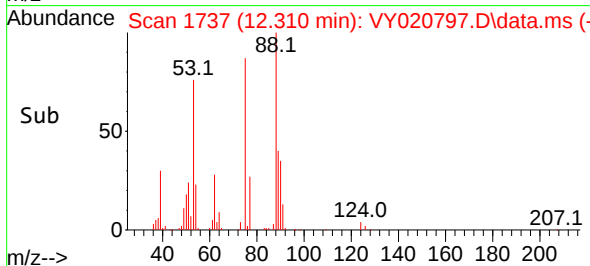
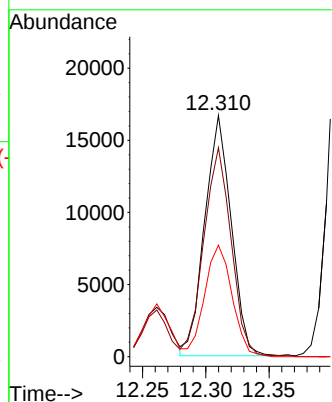
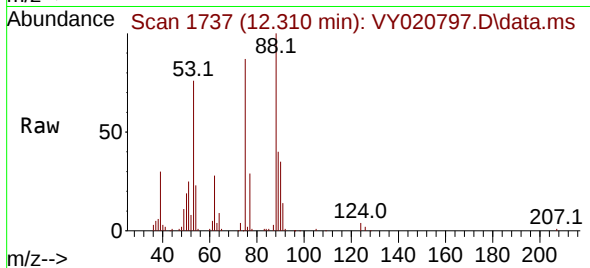




#81
trans-1,4-Dichloro-2-butene
Concen: 51.178 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.000 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

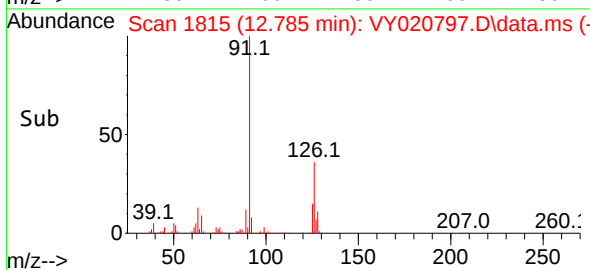
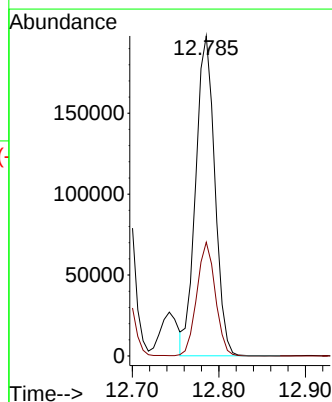
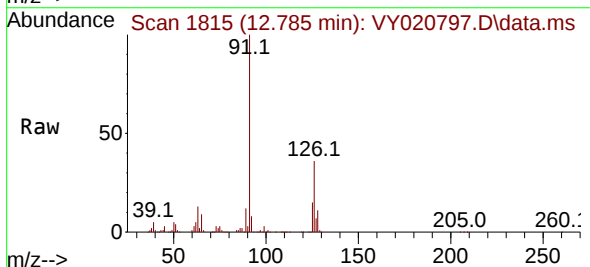
Instrument :
MSVOA_Y
ClientSampleId :

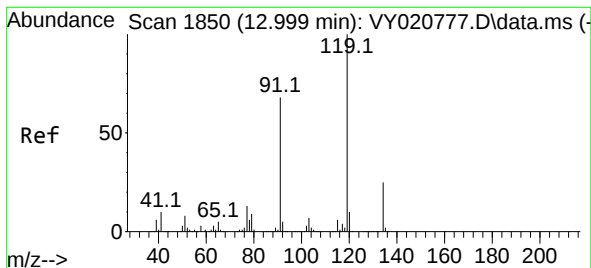
Tgt Ion: 75 Resp: 24288
Ion Ratio Lower Upper
75 100
53 90.1 69.4 104.0
89 48.5 39.6 59.4



#82
4-Chlorotoluene
Concen: 49.410 ug/l
RT: 12.785 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY020797.D
Acq: 07 Jan 2025 17:05

Tgt Ion: 91 Resp: 302386
Ion Ratio Lower Upper
91 100
126 34.5 17.3 51.7





#83

tert-Butylbenzene

Concen: 48.004 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

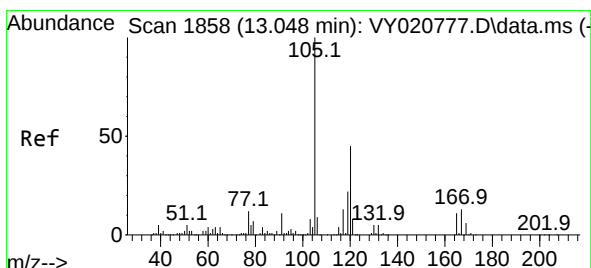
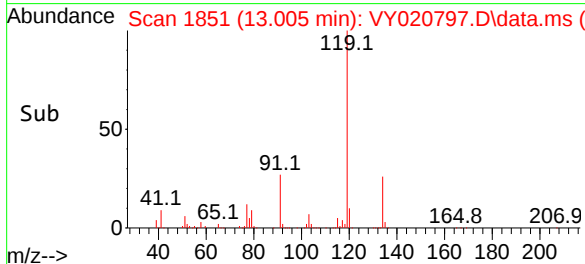
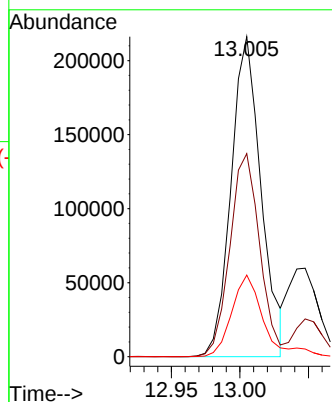
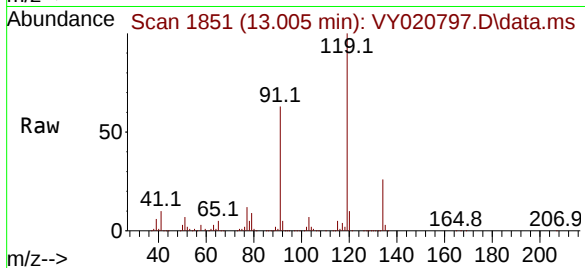
Tgt Ion:119 Resp: 330122

Ion Ratio Lower Upper

119 100

91 62.9 33.0 98.9

134 27.1 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 49.247 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY020797.D

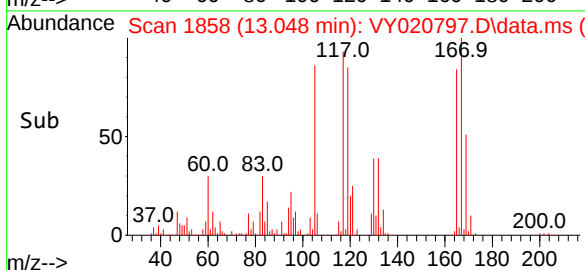
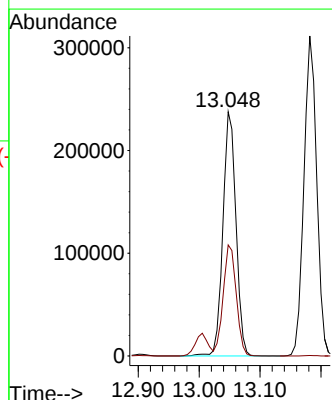
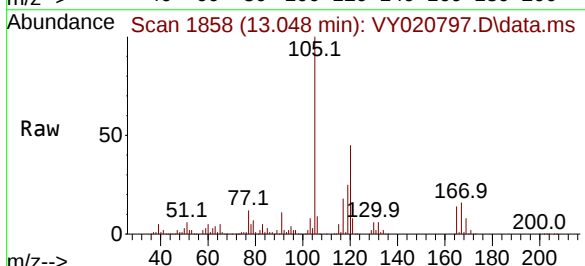
Acq: 07 Jan 2025 17:05

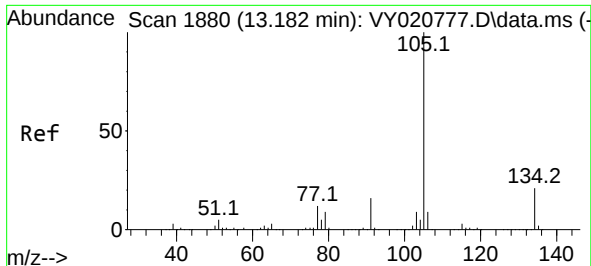
Tgt Ion:105 Resp: 353597

Ion Ratio Lower Upper

105 100

120 45.6 22.4 67.2

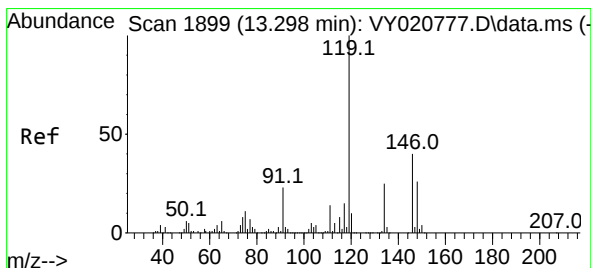
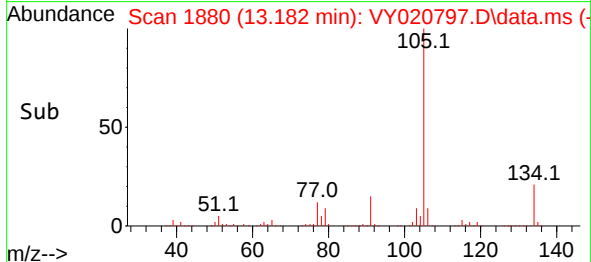
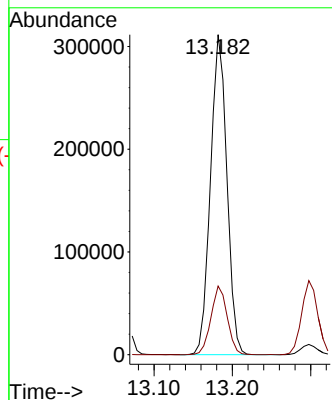
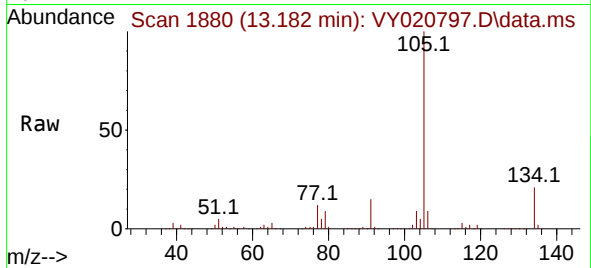




#85
 sec-Butylbenzene
 Concen: 47.103 ug/l
 RT: 13.182 min Scan# 1880
 Delta R.T. -0.000 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

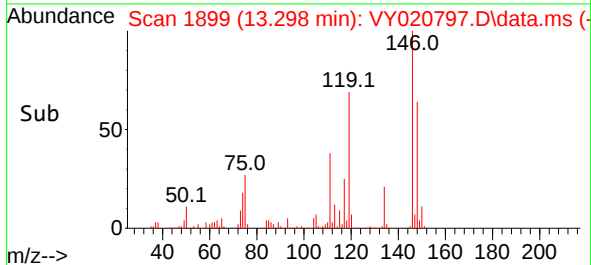
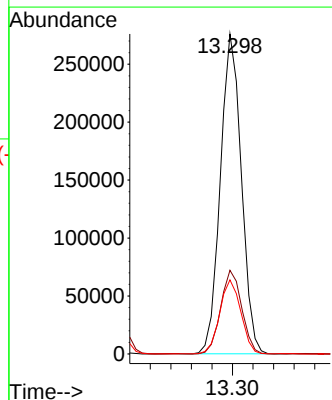
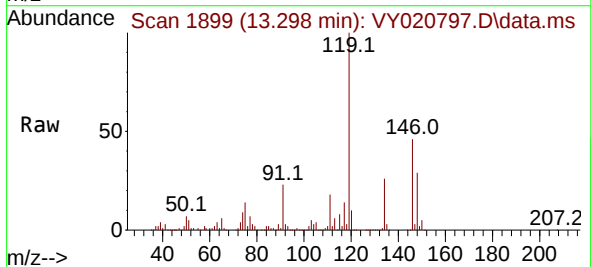
Instrument :
 MSVOA_Y
 ClientSampleId :

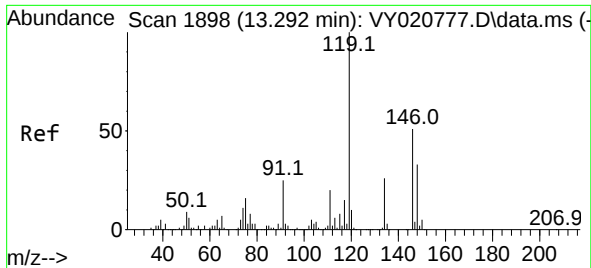
Tgt Ion:105 Resp: 452450
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 47.684 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.000 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

Tgt Ion:119 Resp: 390735
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 23.4 11.8 35.3

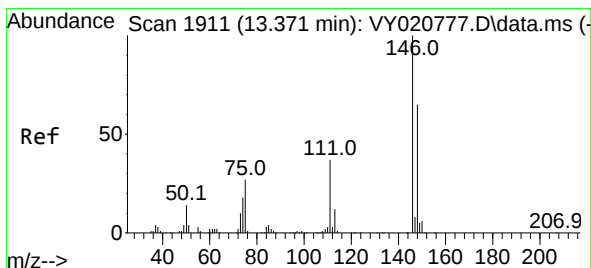
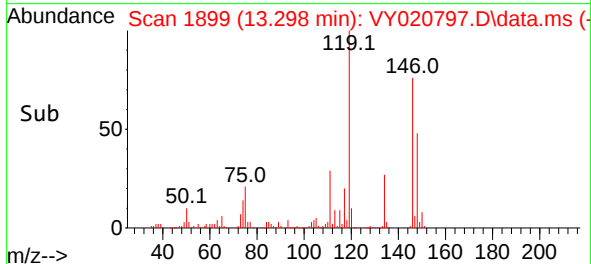
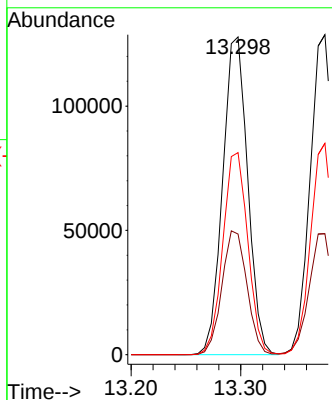
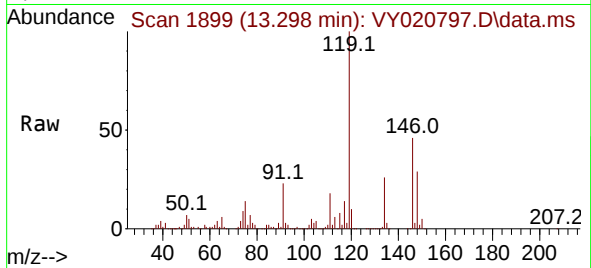




#87
 1,3-Dichlorobenzene
 Concen: 49.846 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. 0.006 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

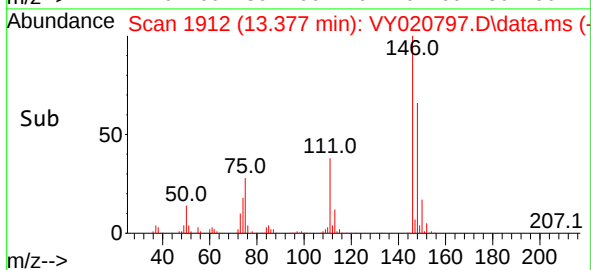
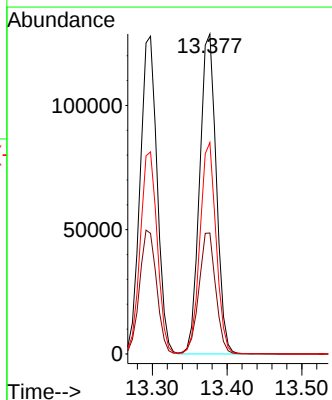
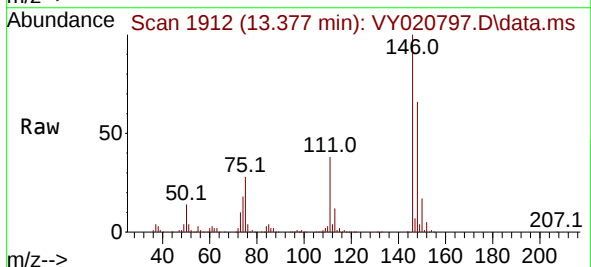
Instrument :
 MSVOA_Y
 ClientSampleId :

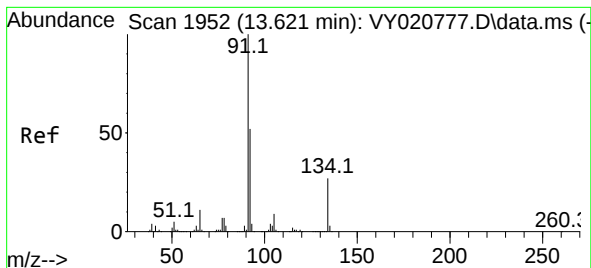
Tgt Ion:146 Resp: 202596
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.5 58.5
 148 63.5 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.775 ug/l
 RT: 13.377 min Scan# 1912
 Delta R.T. 0.006 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

Tgt Ion:146 Resp: 199142
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.3
 148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 47.413 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

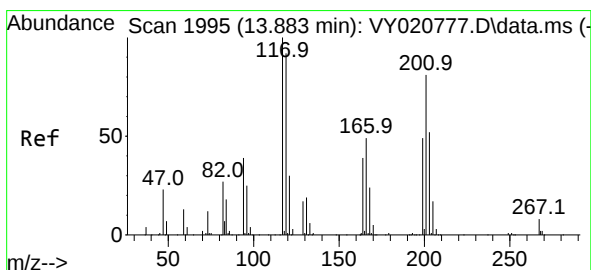
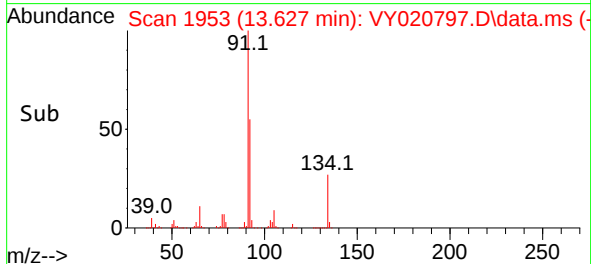
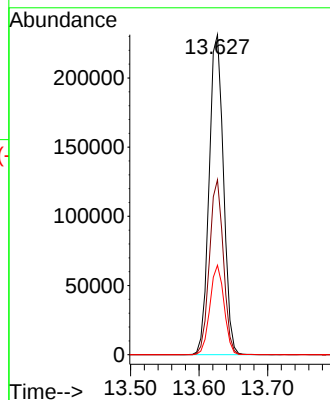
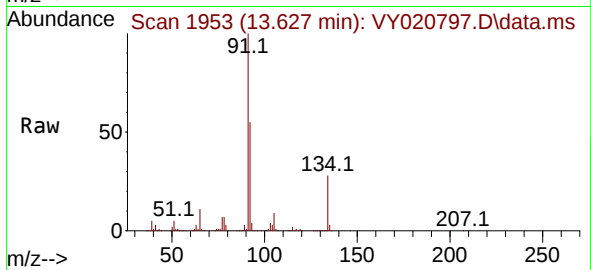
Tgt Ion: 91 Resp: 337053

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.4

134 27.6 13.8 41.4



#90

Hexachloroethane

Concen: 47.584 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY020797.D

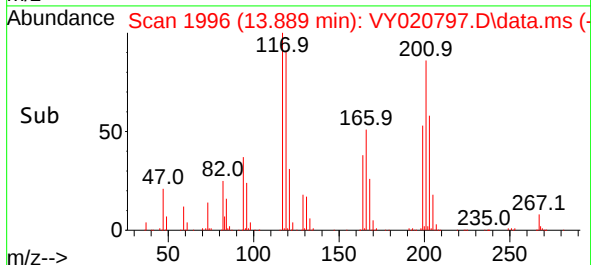
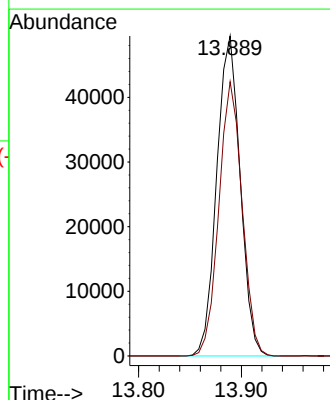
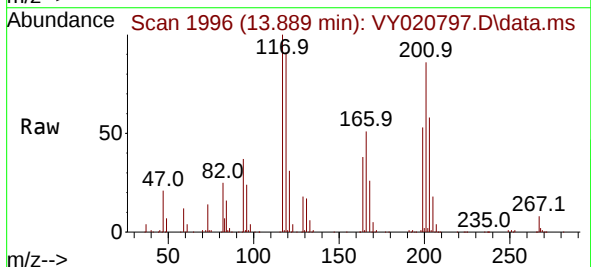
Acq: 07 Jan 2025 17:05

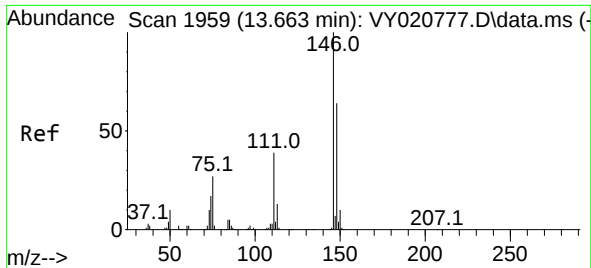
Tgt Ion: 117 Resp: 78294

Ion Ratio Lower Upper

117 100

201 84.9 42.9 128.7

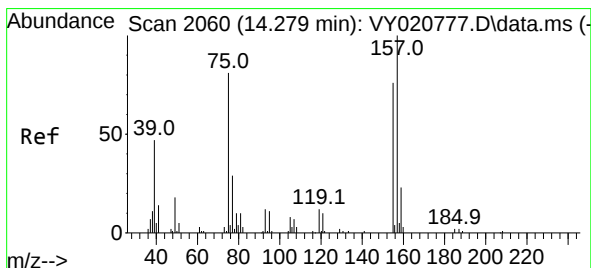
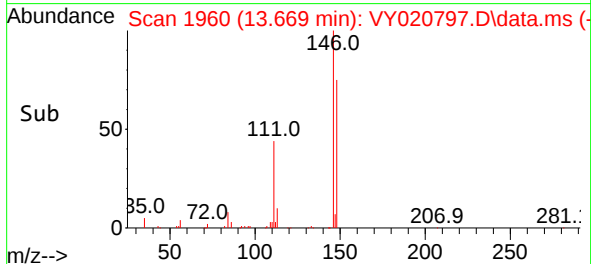
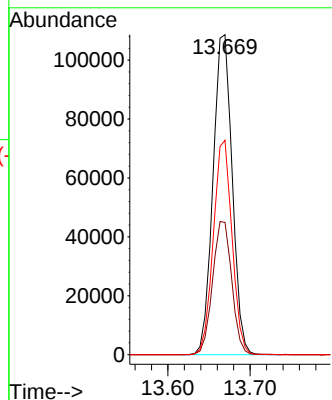
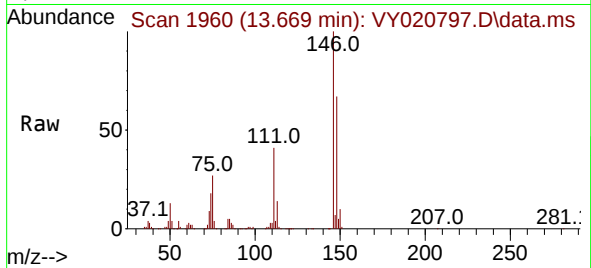




#91
 1,2-Dichlorobenzene
 Concen: 49.577 ug/l
 RT: 13.669 min Scan# 1959
 Delta R.T. 0.006 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

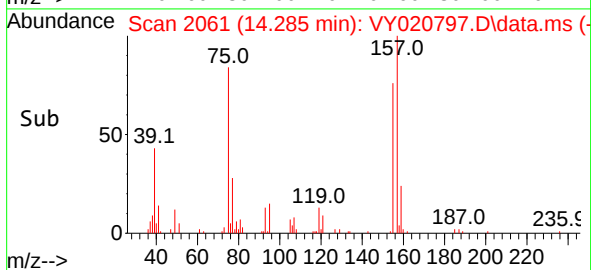
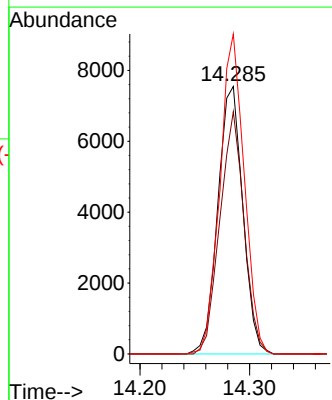
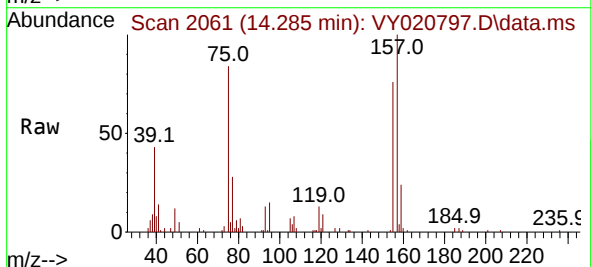
Instrument :
 MSVOA_Y
 ClientSampleId :

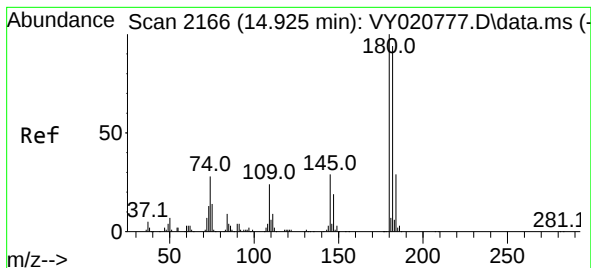
Tgt Ion:146 Resp: 176180
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.0 60.0
 148 65.3 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.602 ug/l
 RT: 14.285 min Scan# 2061
 Delta R.T. 0.006 min
 Lab File: VY020797.D
 Acq: 07 Jan 2025 17:05

Tgt Ion: 75 Resp: 11918
 Ion Ratio Lower Upper
 75 100
 155 87.4 45.5 136.5
 157 116.9 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 50.970 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

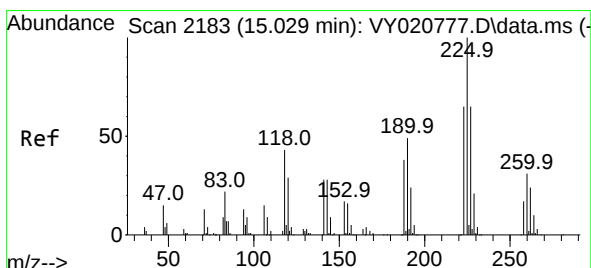
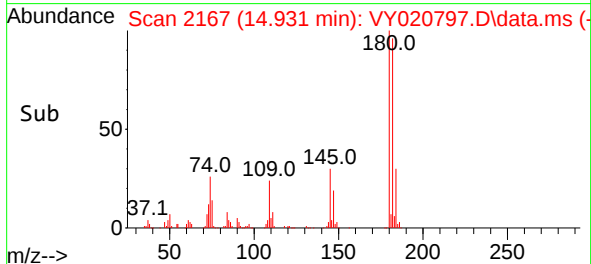
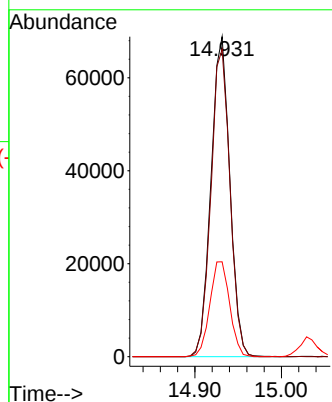
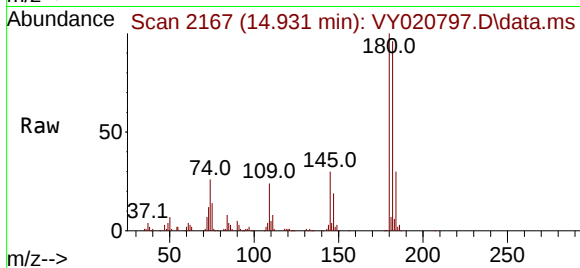
Tgt Ion:180 Resp: 104241

Ion Ratio Lower Upper

180 100

182 96.8 47.6 142.9

145 31.1 15.0 45.1



#94

Hexachlorobutadiene

Concen: 47.412 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

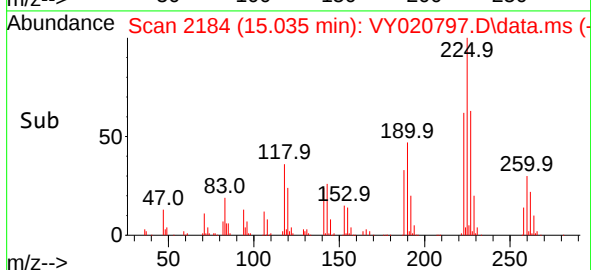
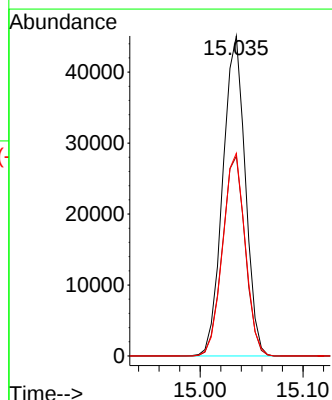
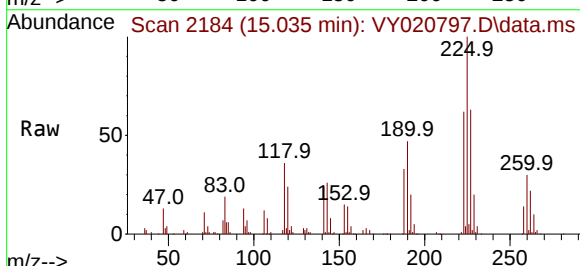
Tgt Ion:225 Resp: 68357

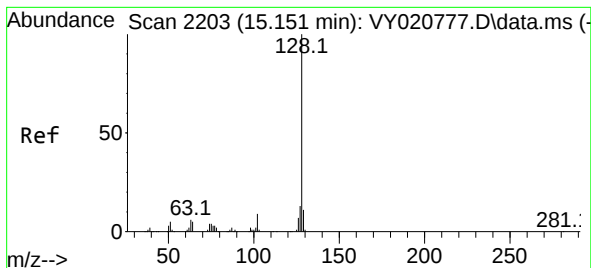
Ion Ratio Lower Upper

225 100

223 63.0 31.6 94.8

227 63.4 32.2 96.6





#95

Naphthalene

Concen: 54.434 ug/l

RT: 15.157 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Instrument :

MSVOA_Y

ClientSampleId :

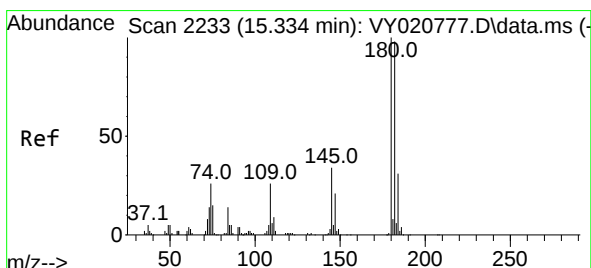
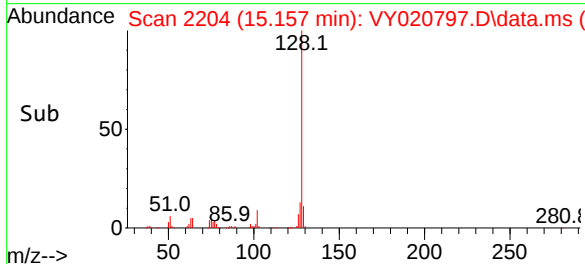
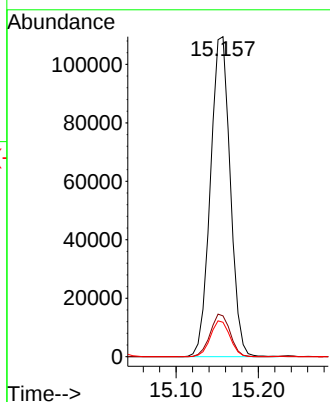
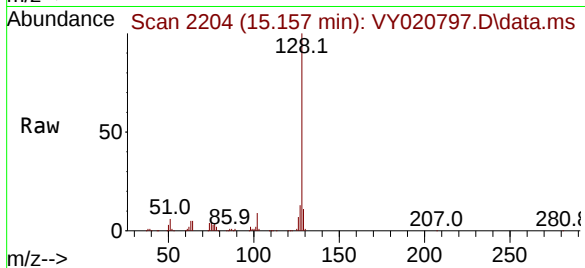
Tgt Ion:128 Resp: 183226

Ion Ratio Lower Upper

128 100

127 13.4 10.5 15.7

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 50.961 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY020797.D

Acq: 07 Jan 2025 17:05

Tgt Ion:180 Resp: 87318

Ion Ratio Lower Upper

180 100

182 98.0 48.1 144.3

145 33.6 16.1 48.2

