

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012225\
 Data File : VY020890.D
 Acq On : 22 Jan 2025 09:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 00:39:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.737	168	208652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.640	114	296961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.438	117	247028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.371	152	119792	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.091	65	84232	47.496	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.000%
35) Dibromofluoromethane	7.664	113	95095	51.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.220%
50) Toluene-d8	10.133	98	348116	53.676	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.360%
62) 4-Bromofluorobenzene	12.426	95	114711	47.896	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.800%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.885	85	66101	43.167	ug/l	98
3) Chloromethane	2.086	50	44205	54.827	ug/l	97
4) Vinyl Chloride	2.226	62	53951	60.193	ug/l	99
5) Bromomethane	2.629	94	29895	46.829	ug/l	99
6) Chloroethane	2.763	64	32908	59.533	ug/l	90
7) Trichlorofluoromethane	3.092	101	142254	51.712	ug/l	100
8) Diethyl Ether	3.488	74	42742	49.685	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.848	101	98417	52.978	ug/l	100
10) Methyl Iodide	4.043	142	126237	63.410	ug/l	96
11) Tert butyl alcohol	4.927	59	26540	198.047	ug/l #	73
12) 1,1-Dichloroethene	3.830	96	84128	51.703	ug/l	97
13) Acrolein	3.689	56	8999	239.122	ug/l	97
14) Allyl chloride	4.427	41	124464	53.020	ug/l	95
15) Acrylonitrile	5.104	53	92737	253.650	ug/l	98
16) Acetone	3.915	43	61266	242.934	ug/l	96
17) Carbon Disulfide	4.147	76	173033	49.020	ug/l	99
18) Methyl Acetate	4.427	43	46760	54.914	ug/l	96
19) Methyl tert-butyl Ether	5.159	73	226757	49.381	ug/l	98
20) Methylene Chloride	4.659	84	89888	51.611	ug/l	99
21) trans-1,2-Dichloroethene	5.159	96	90167	50.321	ug/l	95
22) Diisopropyl ether	6.055	45	284926	56.978	ug/l	97
23) Vinyl Acetate	6.000	43	743870	269.792	ug/l	99
24) 1,1-Dichloroethane	5.957	63	174543	52.904	ug/l	99
25) 2-Butanone	6.933	43	105475	254.606	ug/l	99
26) 2,2-Dichloropropane	6.927	77	171153	49.965	ug/l	99
27) cis-1,2-Dichloroethene	6.927	96	117042	51.771	ug/l	99
28) Bromochloromethane	7.280	49	51248	57.566	ug/l	93
29) Tetrahydrofuran	7.298	42	69640	263.156	ug/l	94
30) Chloroform	7.457	83	189299	50.313	ug/l	97
31) Cyclohexane	7.737	56	130216	50.460	ug/l	98
32) 1,1,1-Trichloroethane	7.652	97	179685	48.961	ug/l	98
36) 1,1-Dichloropropene	7.865	75	127347	53.665	ug/l	99
37) Ethyl Acetate	7.018	43	51570	54.610	ug/l	98
38) Carbon Tetrachloride	7.847	117	169739	51.386	ug/l	99
39) Methylcyclohexane	9.134	83	156988	53.912	ug/l	95
40) Benzene	8.109	78	390882	53.671	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.256	41	27959	51.698	ug/l	94
42) 1,2-Dichloroethane	8.189	62	100998	50.781	ug/l	99
43) Isopropyl Acetate	8.225	43	103940	54.115	ug/l	98
44) Trichloroethene	8.890	130	107442	52.920	ug/l	94
45) 1,2-Dichloropropane	9.164	63	93157	56.422	ug/l	99
46) Dibromomethane	9.255	93	50258	53.009	ug/l	98
47) Bromodichloromethane	9.451	83	144073	53.059	ug/l	96
48) Methyl methacrylate	9.243	41	45010	52.271	ug/l	98
49) 1,4-Dioxane	9.262	88	9206	914.531	ug/l #	74
51) 4-Methyl-2-Pentanone	10.018	43	265416	276.599	ug/l	99
52) Toluene	10.194	92	256906	53.269	ug/l	100
53) t-1,3-Dichloropropene	10.414	75	124210	51.432	ug/l	98
54) cis-1,3-Dichloropropene	9.877	75	149237	53.209	ug/l	97
55) 1,1,2-Trichloroethane	10.597	97	72032	53.180	ug/l	95
56) Ethyl methacrylate	10.463	69	91130	53.274	ug/l	98
57) 1,3-Dichloropropane	10.737	76	118361	53.609	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.731	63	174926	257.770	ug/l	97
59) 2-Hexanone	10.780	43	170436	276.858	ug/l	97
60) Dibromochloromethane	10.932	129	101552	51.695	ug/l	98
61) 1,2-Dibromoethane	11.036	107	63991	52.623	ug/l	100
64) Tetrachloroethene	10.670	164	94896	52.250	ug/l	98
65) Chlorobenzene	11.462	112	286632	52.480	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.536	131	107619	51.759	ug/l	98
67) Ethyl Benzene	11.542	91	502727	53.164	ug/l	100
68) m/p-Xylenes	11.651	106	380164	104.420	ug/l	99
69) o-Xylene	11.974	106	180057	52.161	ug/l	96
70) Styrene	11.993	104	301240	51.841	ug/l	99
71) Bromoform	12.151	173	60893	51.517	ug/l #	100
73) Isopropylbenzene	12.273	105	502300	52.855	ug/l	100
74) N-amyl acetate	12.090	43	82453	53.041	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.529	83	77645	53.906	ug/l	100
76) 1,2,3-Trichloropropane	12.578	75	98927	94.382	ug/l #	100
77) Bromobenzene	12.554	156	112651	51.414	ug/l	98
78) n-propylbenzene	12.615	91	583526	54.097	ug/l	99
79) 2-Chlorotoluene	12.700	91	328092	52.818	ug/l	100
80) 1,3,5-Trimethylbenzene	12.755	105	399297	51.846	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.328	75	26092	52.488	ug/l	99
82) 4-Chlorotoluene	12.798	91	332778	51.912	ug/l	100
83) tert-Butylbenzene	13.017	119	370693	51.462	ug/l	98
84) 1,2,4-Trimethylbenzene	13.066	105	391370	52.038	ug/l	98
85) sec-Butylbenzene	13.194	105	539123	53.583	ug/l	99
86) p-Isopropyltoluene	13.310	119	449515	52.372	ug/l	99
87) 1,3-Dichlorobenzene	13.310	146	218307	51.278	ug/l	100
88) 1,4-Dichlorobenzene	13.389	146	213273	50.892	ug/l	99
89) n-Butylbenzene	13.639	91	395420	53.103	ug/l	100
90) Hexachloroethane	13.901	117	88761	51.501	ug/l	99
91) 1,2-Dichlorobenzene	13.682	146	188705	50.695	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.297	75	10518	45.162	ug/l	96
93) 1,2,4-Trichlorobenzene	14.943	180	104667	48.859	ug/l	99
94) Hexachlorobutadiene	15.047	225	73471	48.650	ug/l	99
95) Naphthalene	15.169	128	165688	46.993	ug/l	99
96) 1,2,3-Trichlorobenzene	15.352	180	85328	47.543	ug/l	99

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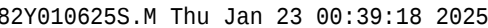
Instrument :
MSVOA_Y
ClientSampleId :

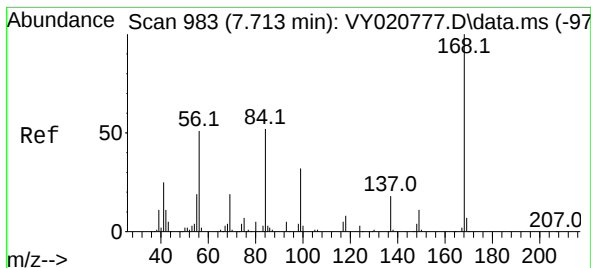
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.737 min Scan# 9

Delta R.T. 0.000 min

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Instrument :

MSVOA_Y

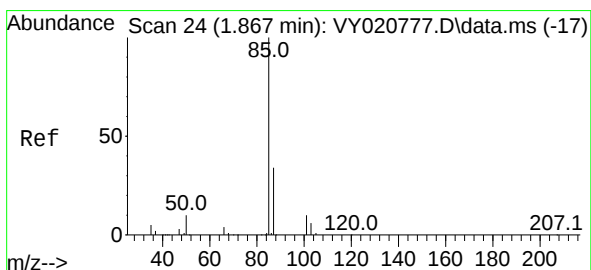
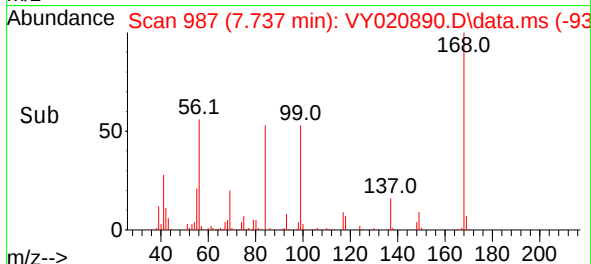
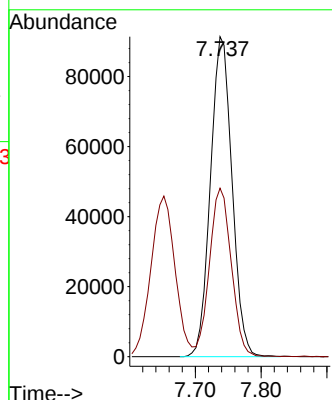
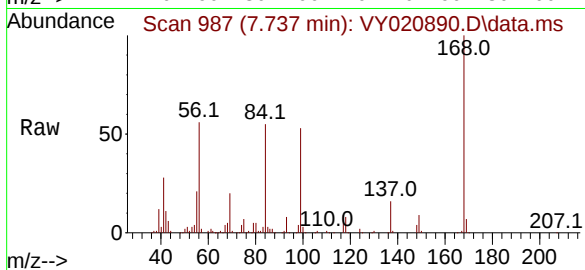
ClientSampleId :

Tgt Ion:168 Resp: 208652

Ion Ratio Lower Upper

168 100

99 52.6 44.3 66.5



#2

Dichlorodifluoromethane

Concen: 43.167 ug/l

RT: 1.885 min Scan# 27

Delta R.T. 0.000 min

Lab File: VY020890.D

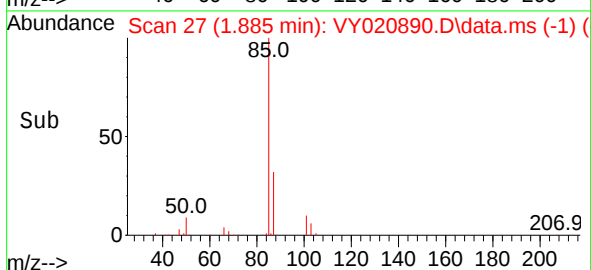
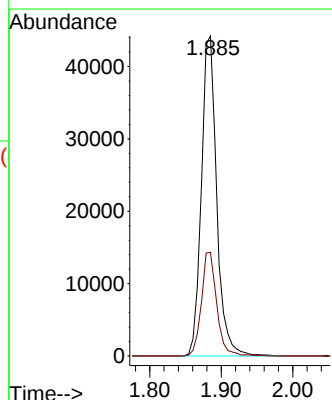
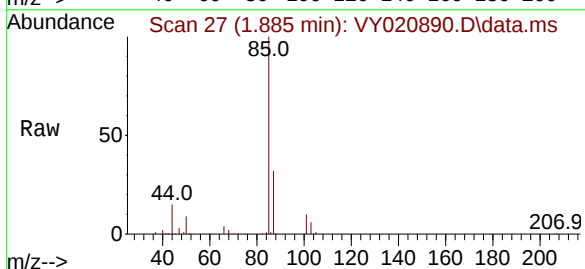
Acq: 22 Jan 2025 09:02

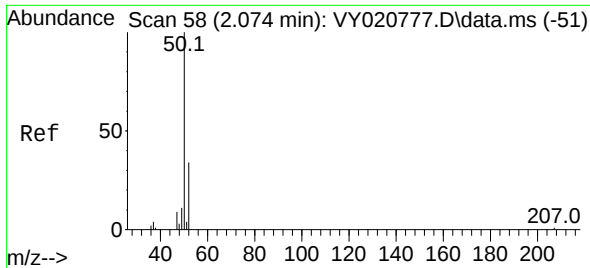
Tgt Ion: 85 Resp: 66101

Ion Ratio Lower Upper

85 100

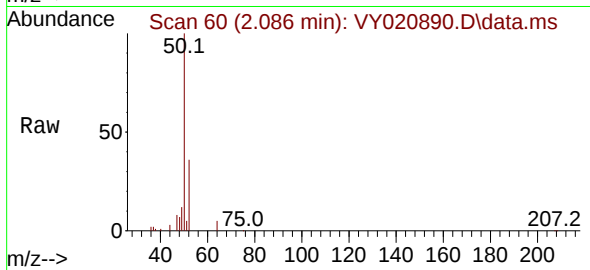
87 32.4 16.9 50.6



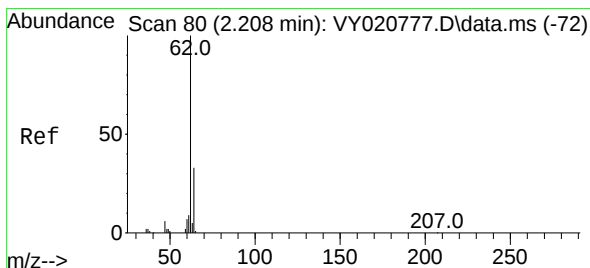
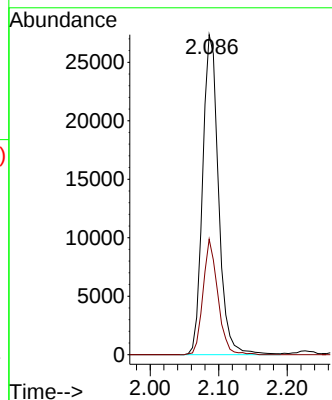
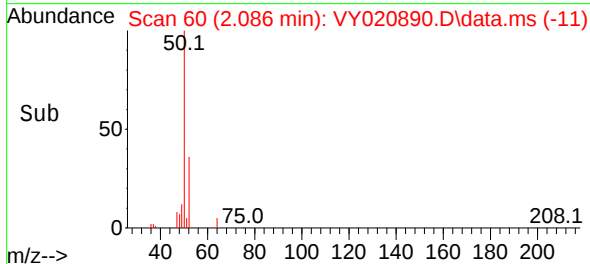


#3
Chloromethane
Concen: 54.827 ug/l
RT: 2.086 min Scan# 60
Delta R.T. 0.000 min
Lab File: VY020890.D
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MSVOA_Y
ClientSampleId :

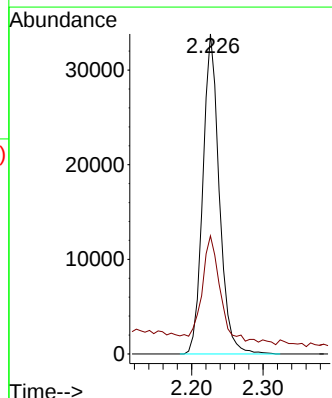
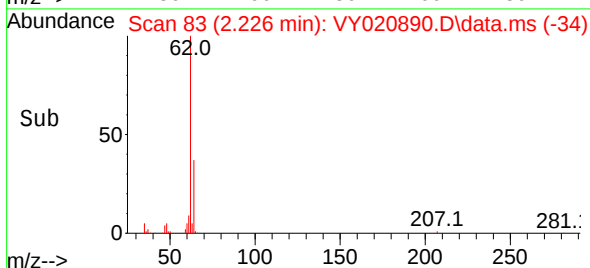
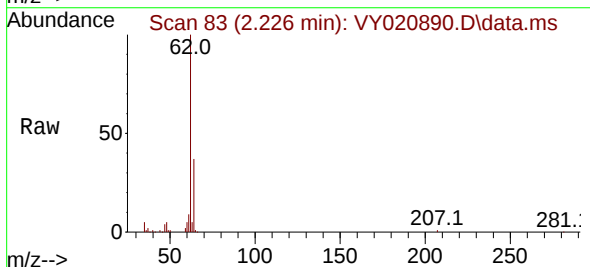


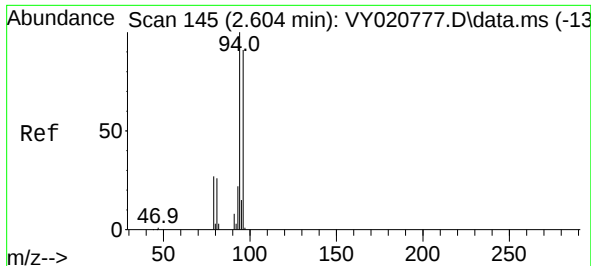
Tgt Ion: 50 Resp: 44205
Ion Ratio Lower Upper
50 100
52 36.1 27.3 40.9



#4
Vinyl Chloride
Concen: 60.193 ug/l
RT: 2.226 min Scan# 83
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 62 Resp: 53951
Ion Ratio Lower Upper
62 100
64 32.5 26.6 39.8

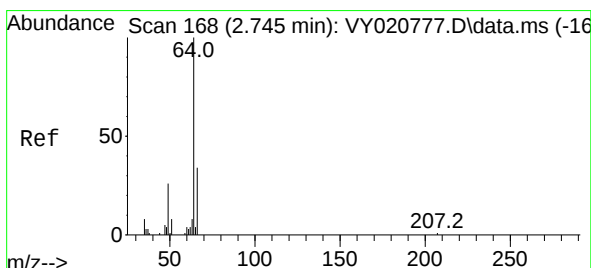
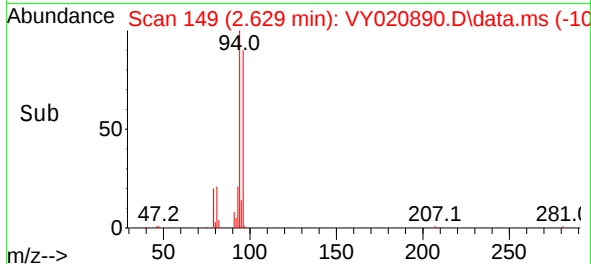
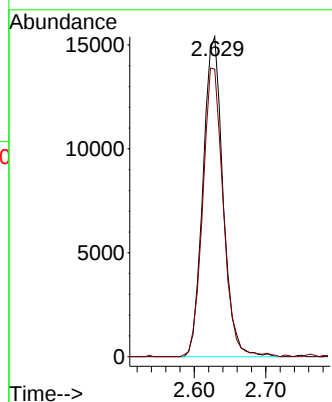
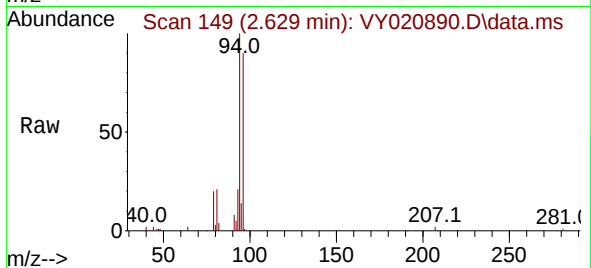




#5
Bromomethane
Concen: 46.829 ug/l
RT: 2.629 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

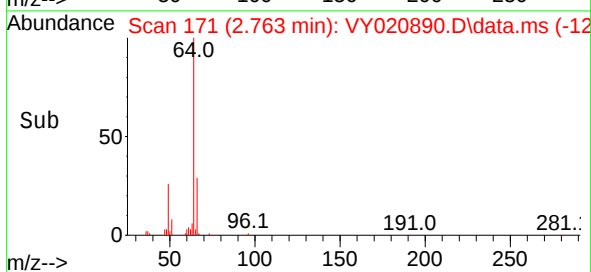
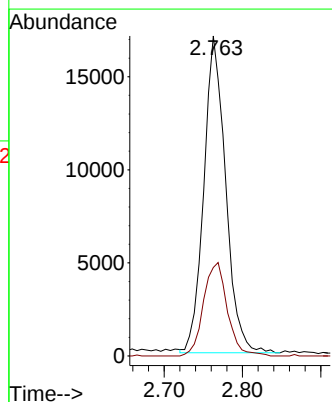
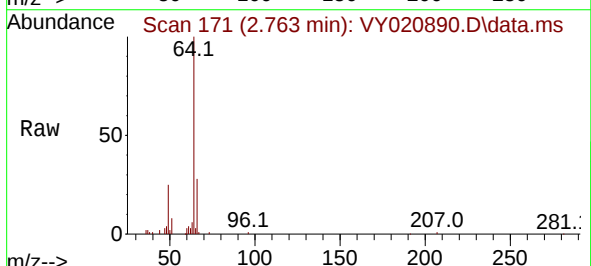
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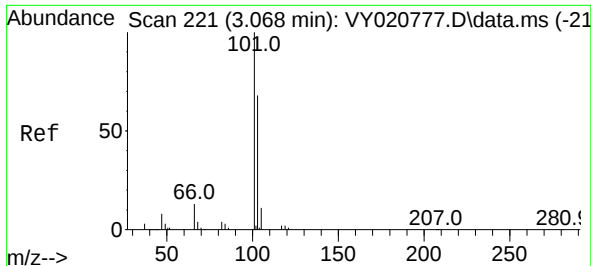
Tgt Ion: 94 Resp: 29895
Ion Ratio Lower Upper
94 100
96 89.9 72.6 109.0



#6
Chloroethane
Concen: 59.533 ug/l
RT: 2.763 min Scan# 171
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 64 Resp: 32908
Ion Ratio Lower Upper
64 100
66 27.9 26.9 40.3

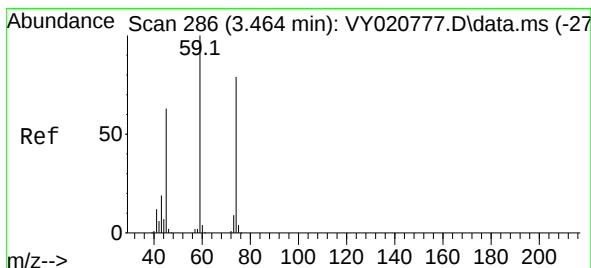
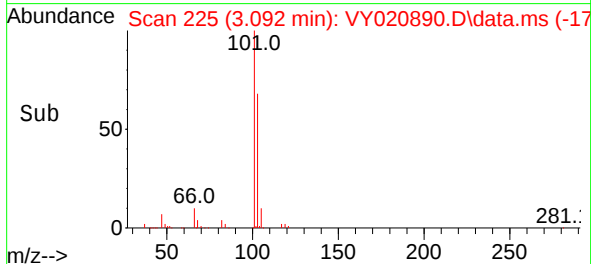
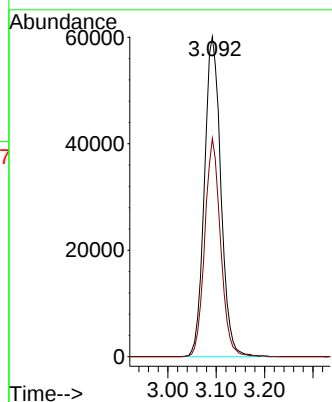
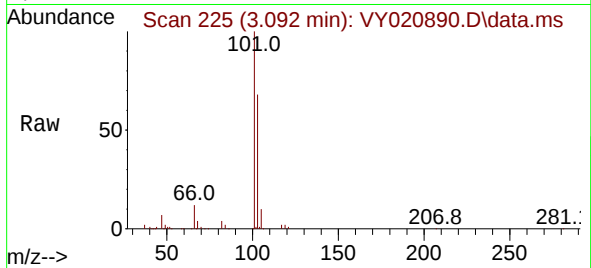




#7
 Trichlorofluoromethane
 Concen: 51.712 ug/l
 RT: 3.092 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020890.D
 Acq: 22 Jan 2025 09:02

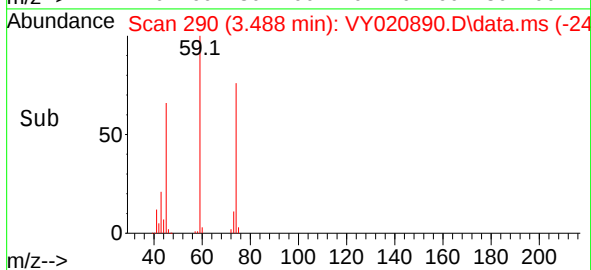
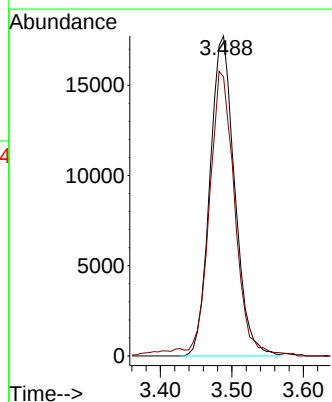
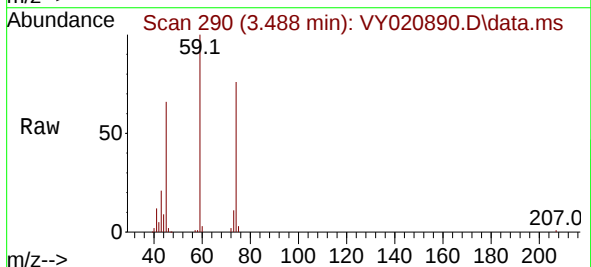
Instrument :
 MSVOA_Y
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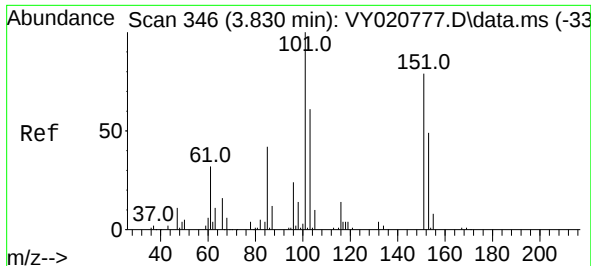
Tgt Ion:101 Resp: 142254
 Ion Ratio Lower Upper
 101 100
 103 68.2 54.6 82.0



#8
 Diethyl Ether
 Concen: 49.685 ug/l
 RT: 3.488 min Scan# 290
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 42742
 Ion Ratio Lower Upper
 74 100
 45 92.9 41.3 124.1

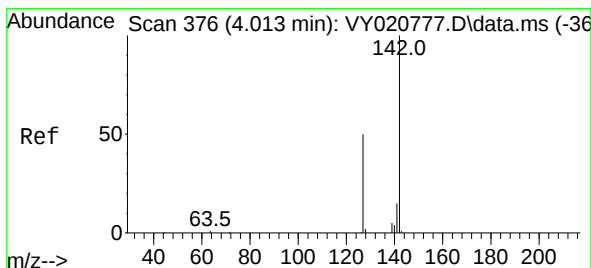
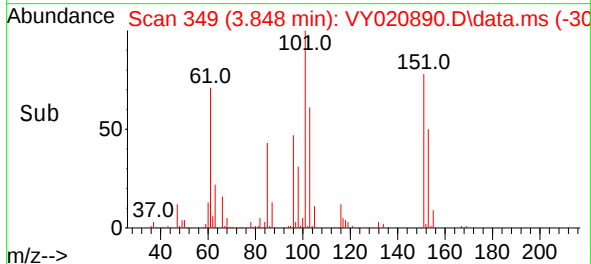
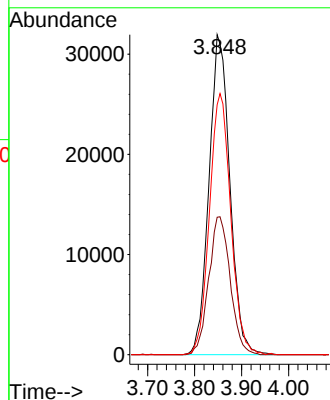
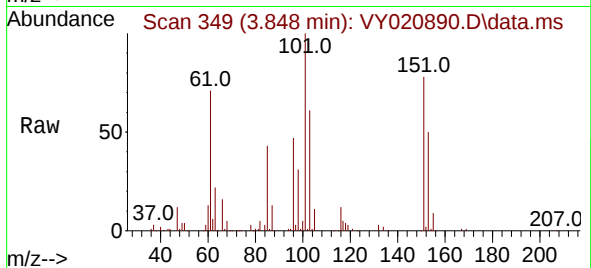




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.978 ug/l
RT: 3.848 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

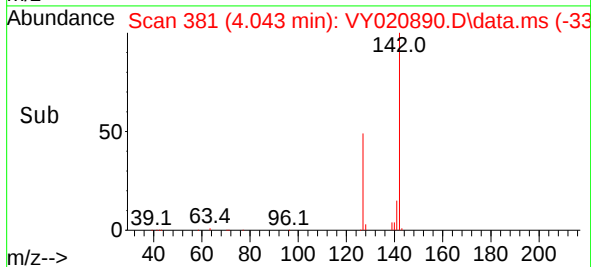
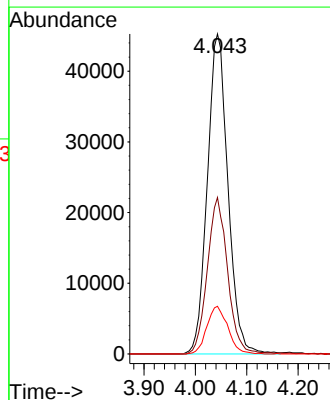
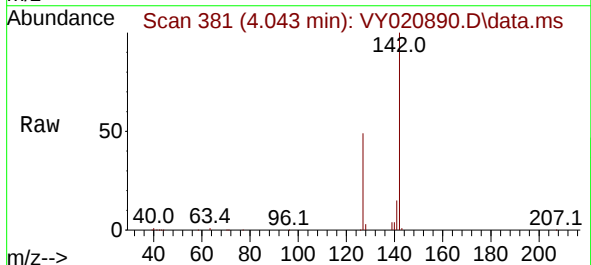
Instrument :
MSVOA_Y
ClientSampleId :

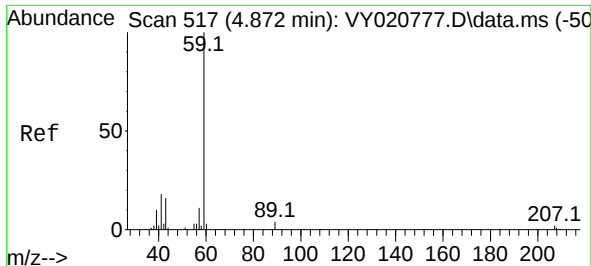
Tgt Ion:101 Resp: 98417
Ion Ratio Lower Upper
101 100
85 44.4 35.9 53.9
151 83.3 66.9 100.3



#10
Methyl Iodide
Concen: 63.410 ug/l
RT: 4.043 min Scan# 381
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

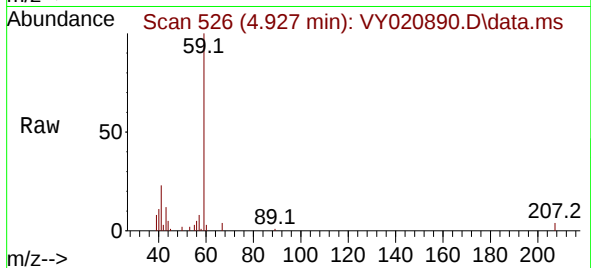
Tgt Ion:142 Resp: 126237
Ion Ratio Lower Upper
142 100
127 48.2 41.0 61.6
141 15.2 11.6 17.4



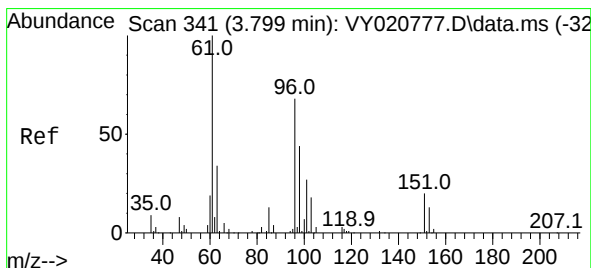
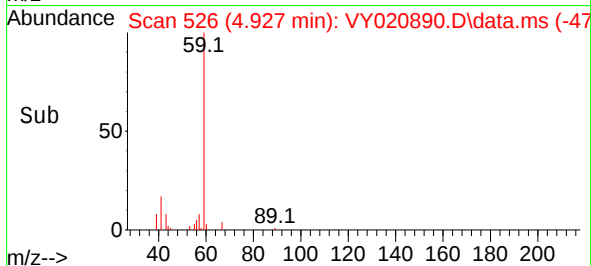
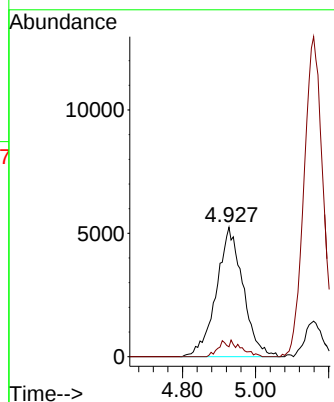


#11
Tert butyl alcohol
Concen: 198.047 ug/l
RT: 4.927 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Instrument :
MSVOA_Y
ClientSampleId :

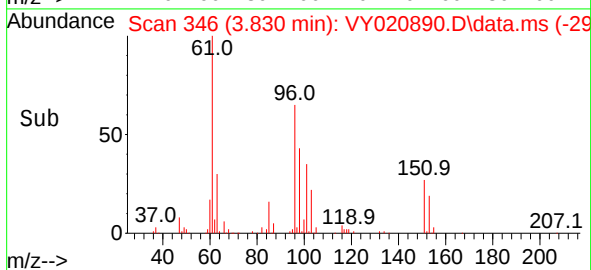
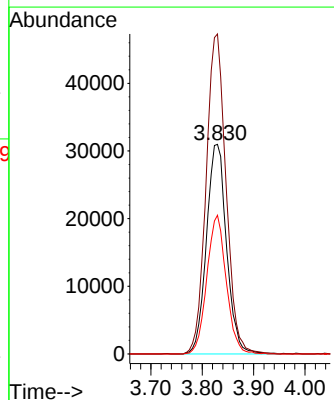
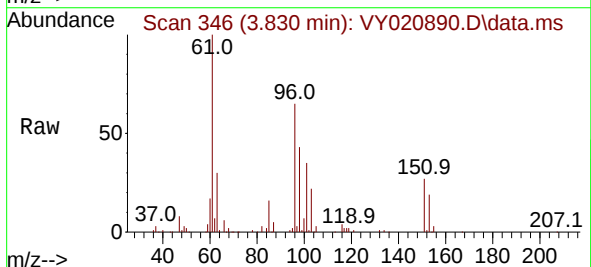


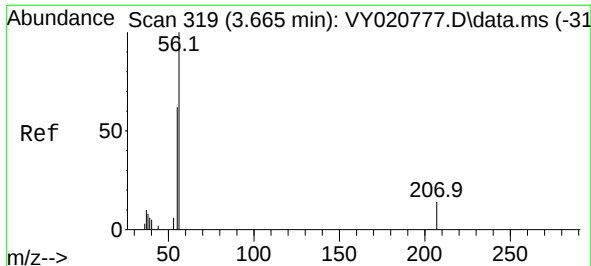
Tgt Ion: 59 Resp: 26540
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 51.703 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 96 Resp: 84128
Ion Ratio Lower Upper
96 100
61 152.7 117.8 176.8
98 66.2 51.9 77.9

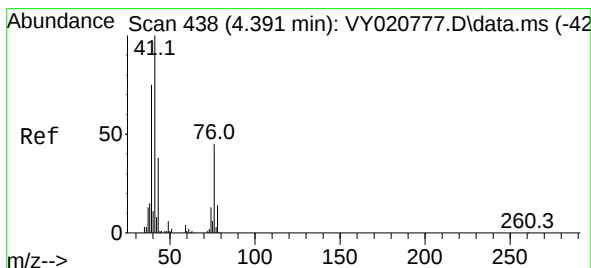
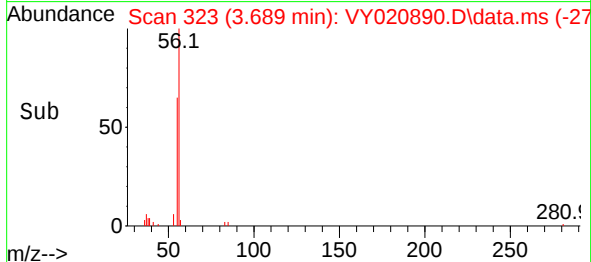
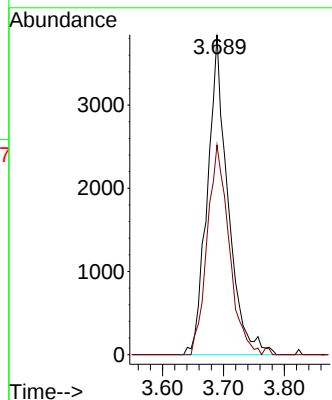
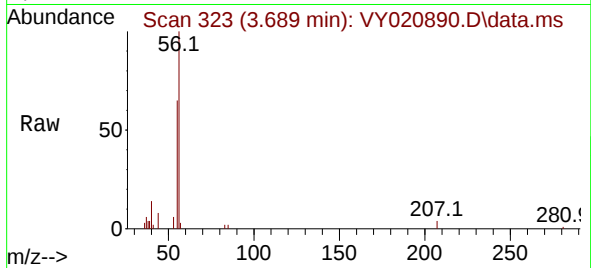




#13
Acrolein
Concen: 239.122 ug/l
RT: 3.689 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

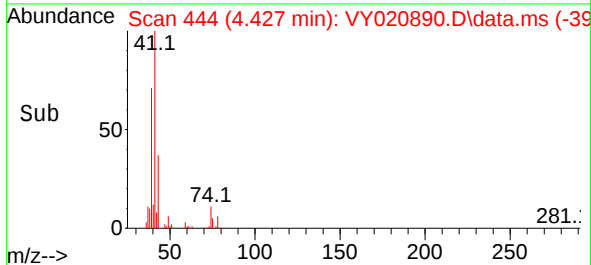
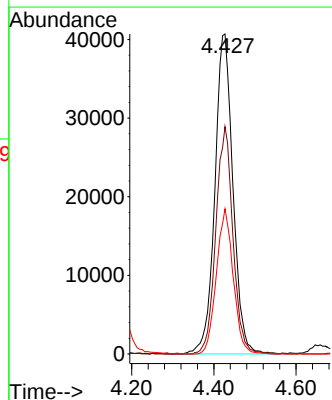
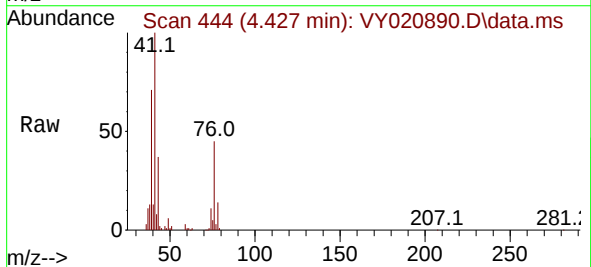
Instrument :
MSVOA_Y
ClientSampleId :

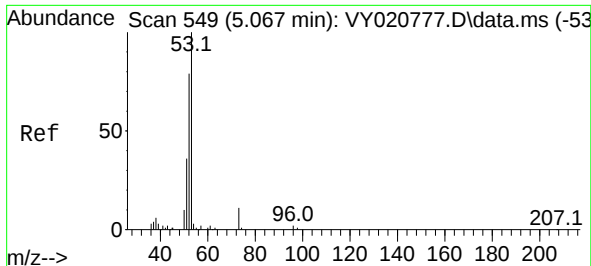
Tgt Ion: 56 Resp: 8999
Ion Ratio Lower Upper
56 100
55 69.9 58.1 87.1



#14
Allyl chloride
Concen: 53.020 ug/l
RT: 4.427 min Scan# 444
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 41 Resp: 124464
Ion Ratio Lower Upper
41 100
39 67.1 57.5 86.3
76 42.2 35.6 53.4

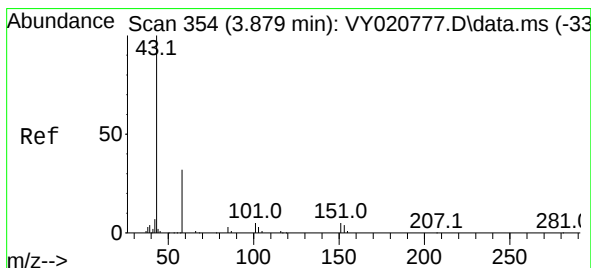
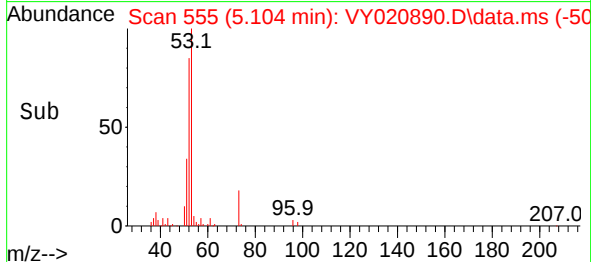
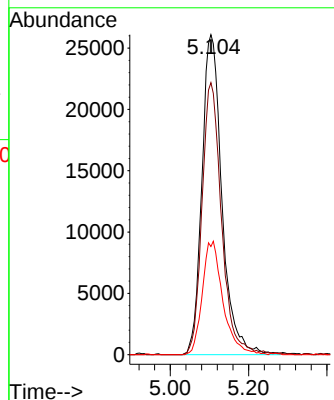
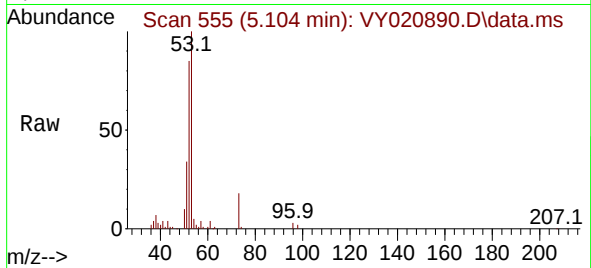




#15
Acrylonitrile
Concen: 253.650 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

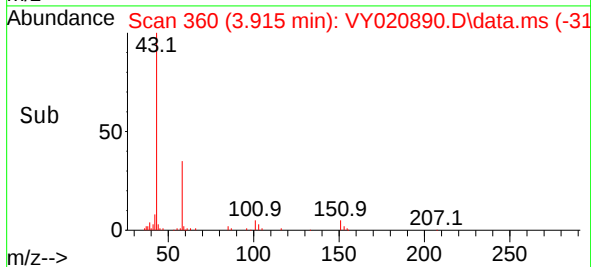
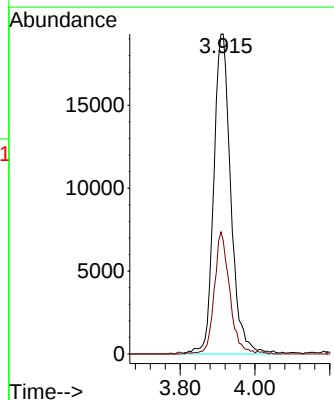
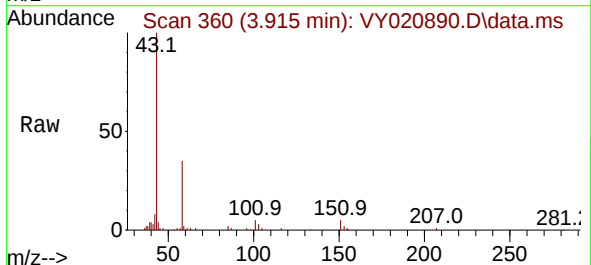
Instrument :
MSVOA_Y
ClientSampleId :

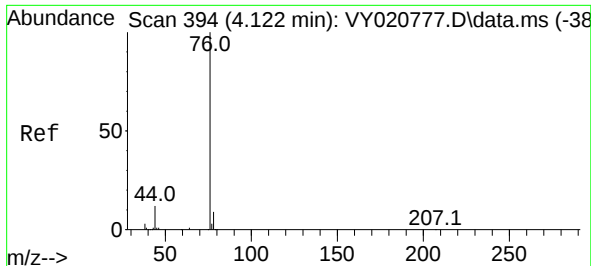
Tgt Ion: 53 Resp: 92737
Ion Ratio Lower Upper
53 100
52 82.8 64.3 96.5
51 36.6 29.3 43.9



#16
Acetone
Concen: 242.934 ug/l
RT: 3.915 min Scan# 360
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 43 Resp: 61266
Ion Ratio Lower Upper
43 100
58 35.4 26.7 40.1

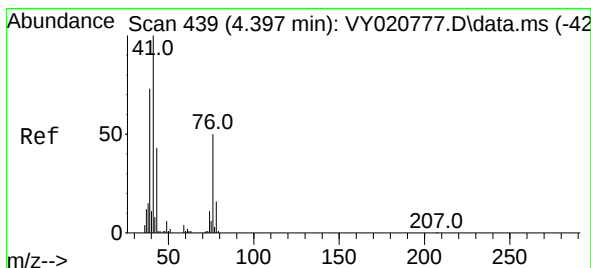
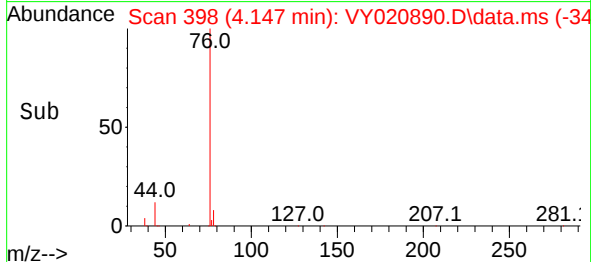
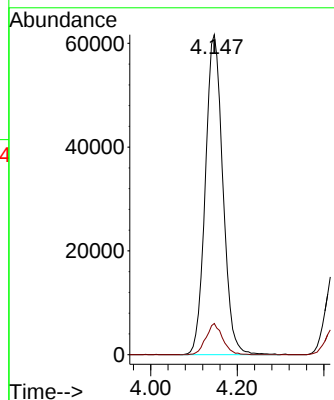
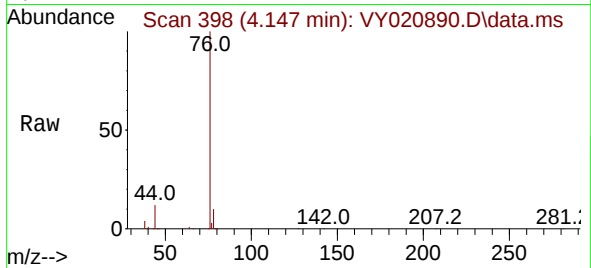




#17
Carbon Disulfide
Concen: 49.020 ug/l
RT: 4.147 min Scan# 398
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

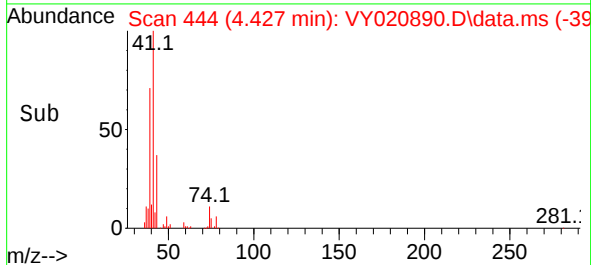
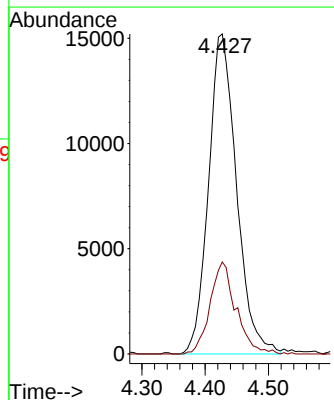
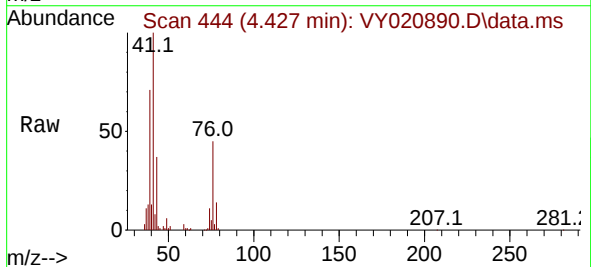
Instrument :
MSVOA_Y
ClientSampleId :

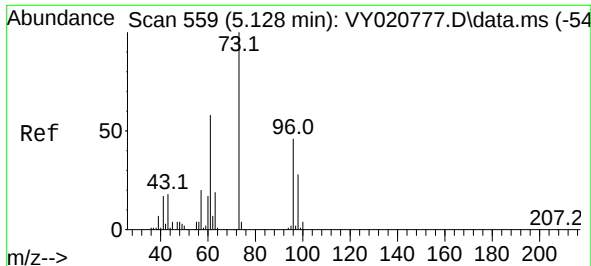
Tgt Ion: 76 Resp: 173033
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2



#18
Methyl Acetate
Concen: 54.914 ug/l
RT: 4.427 min Scan# 444
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 43 Resp: 46760
Ion Ratio Lower Upper
43 100
74 26.6 23.0 34.6





#19

Methyl tert-butyl Ether

Concen: 49.381 ug/l

RT: 5.159 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

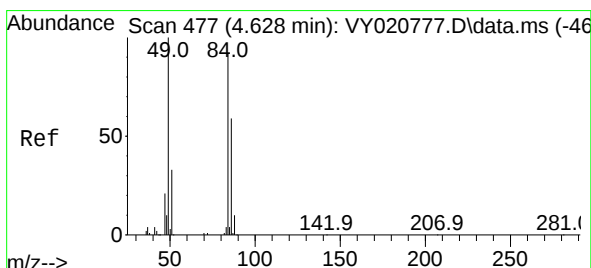
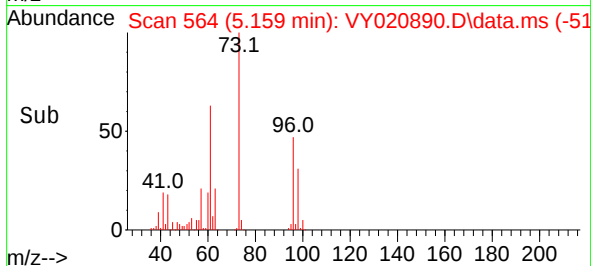
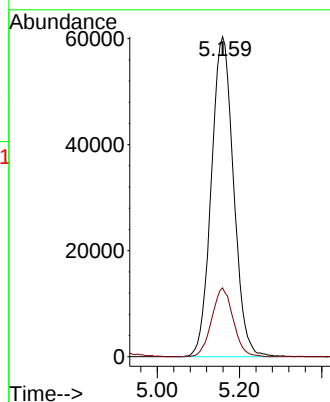
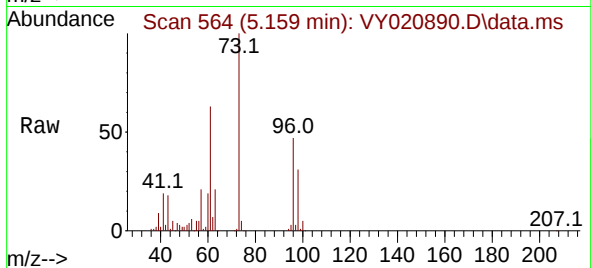
ClientSampleId :

Tgt Ion: 73 Resp: 226757

Ion Ratio Lower Upper

73 100

57 21.5 16.4 24.6



#20

Methylene Chloride

Concen: 51.611 ug/l

RT: 4.659 min Scan# 482

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Tgt Ion: 84 Resp: 89888

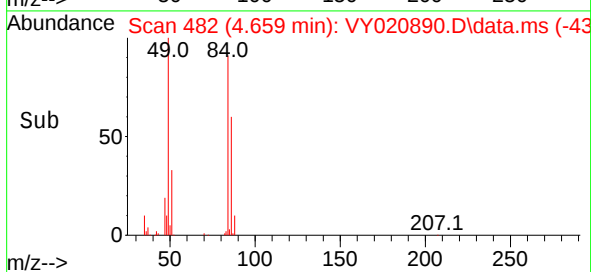
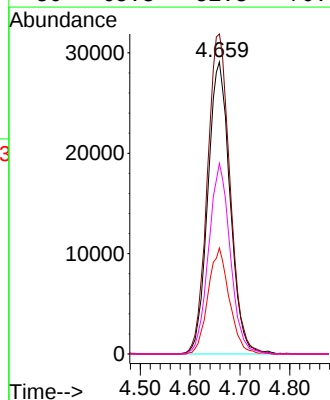
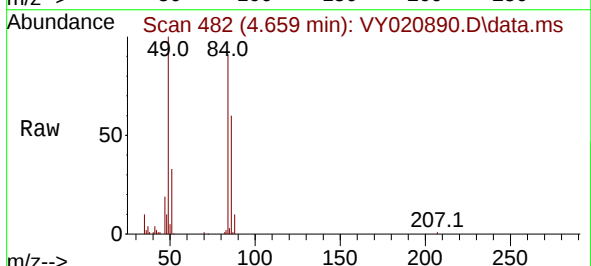
Ion Ratio Lower Upper

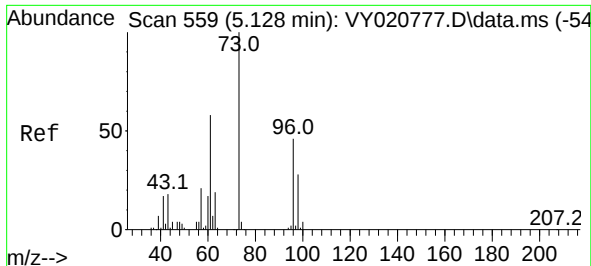
84 100

49 109.6 86.7 130.1

51 36.3 28.4 42.6

86 65.3 51.3 76.9

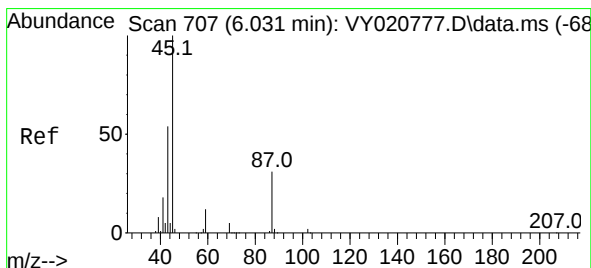
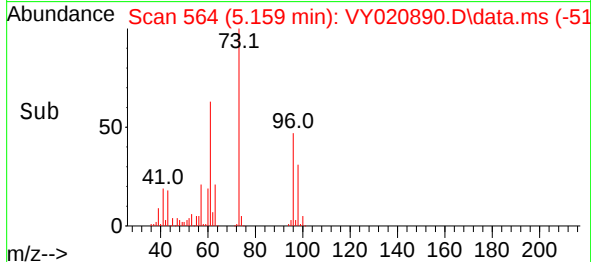
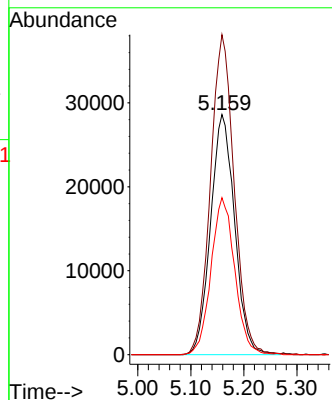
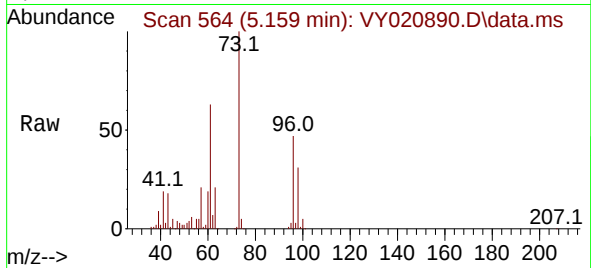




#21
trans-1,2-Dichloroethene
Concen: 50.321 ug/l
RT: 5.159 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

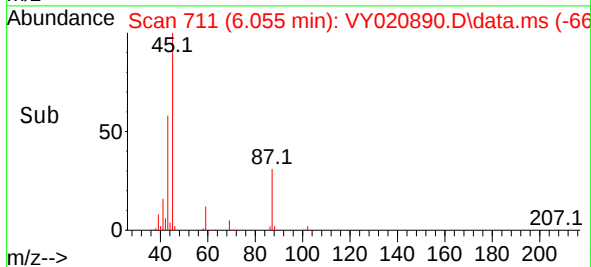
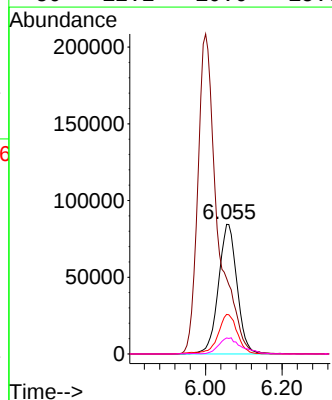
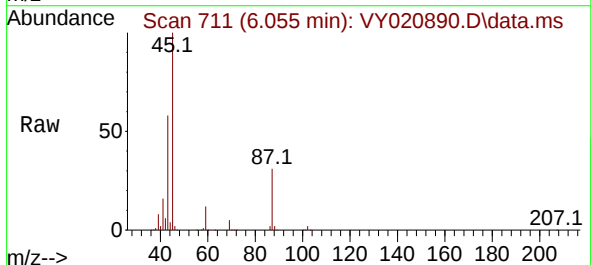
Instrument :
MSVOA_Y
ClientSampleId :

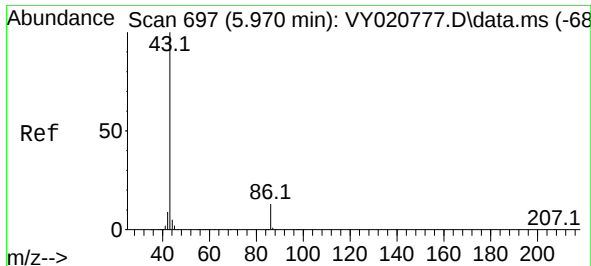
Tgt Ion: 96 Resp: 90167
Ion Ratio Lower Upper
96 100
61 133.3 101.6 152.4
98 65.4 49.4 74.2



#22
Diisopropyl ether
Concen: 56.978 ug/l
RT: 6.055 min Scan# 711
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 45 Resp: 284926
Ion Ratio Lower Upper
45 100
43 57.9 43.9 65.9
87 30.5 25.3 37.9
59 12.2 10.0 15.0

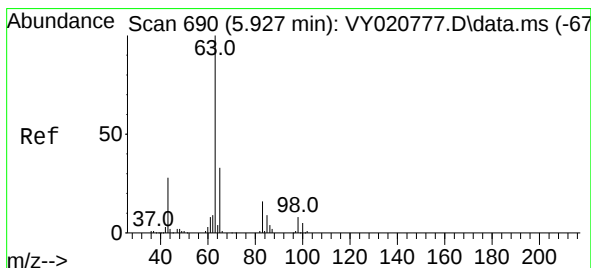
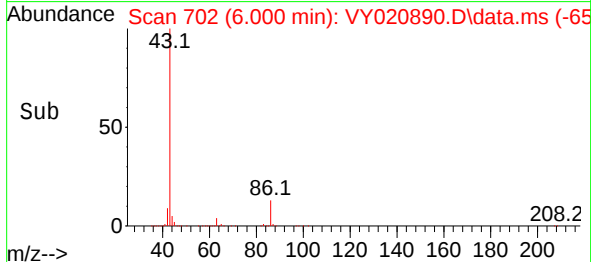
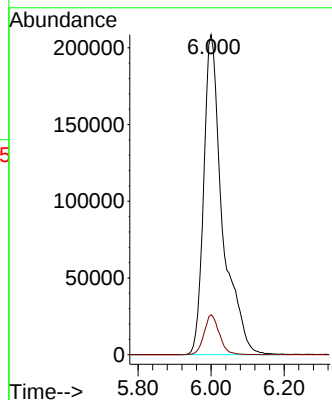
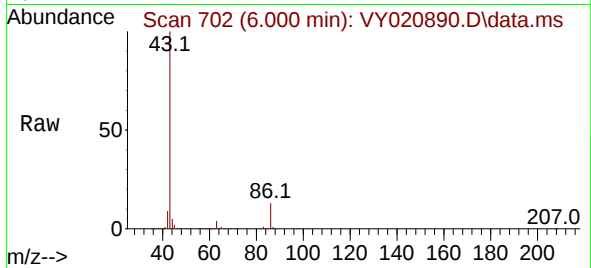




#23
 Vinyl Acetate
 Concen: 269.792 ug/l
 RT: 6.000 min Scan# 702
 Delta R.T. 0.000 min
 Lab File: VY020890.D
 Acq: 22 Jan 2025 09:02

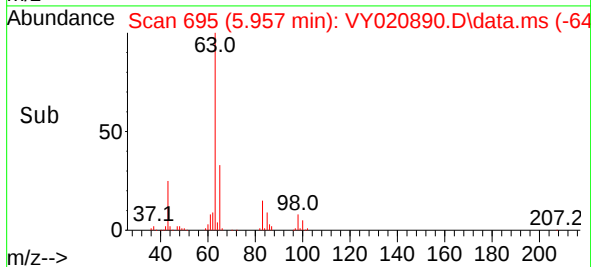
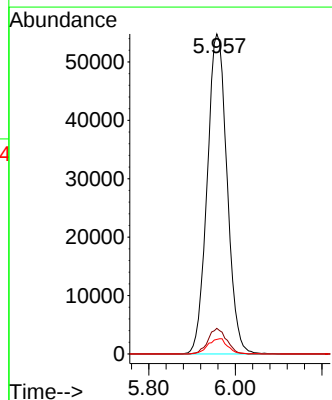
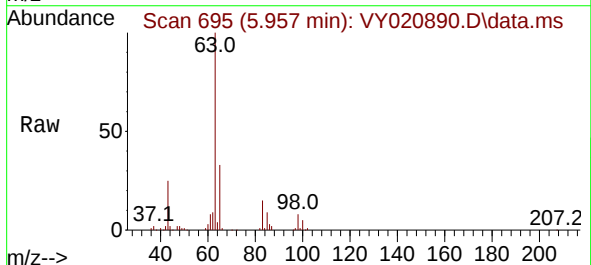
Instrument :
 MSVOA_Y
 ClientSampleId :

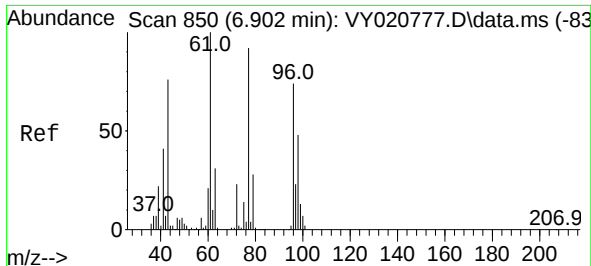
Tgt Ion: 43 Resp: 743870
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 52.904 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY020890.D
 Acq: 22 Jan 2025 09:02

Tgt Ion: 63 Resp: 174543
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 4.6 2.4 7.2





#25

2-Butanone

Concen: 254.606 ug/l

RT: 6.933 min Scan# 855

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

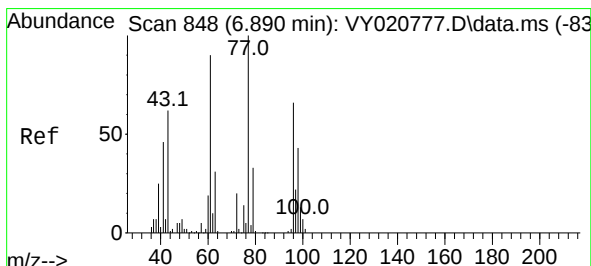
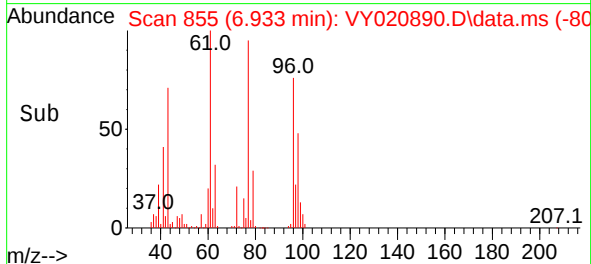
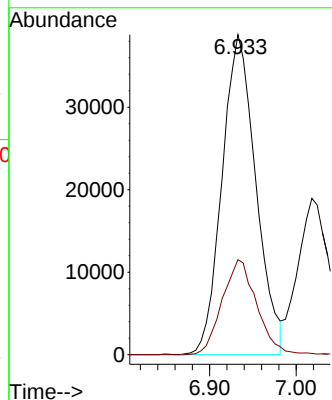
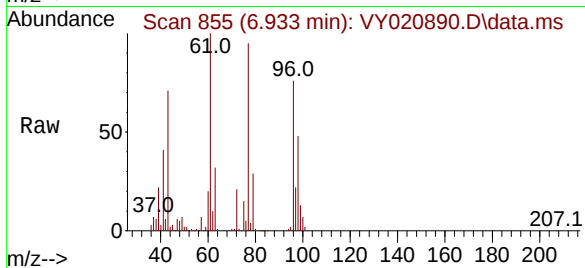
ClientSampleId :

Tgt Ion: 43 Resp: 105475

Ion Ratio Lower Upper

43 100

72 29.7 24.0 36.0



#26

2,2-Dichloropropane

Concen: 49.965 ug/l

RT: 6.927 min Scan# 854

Delta R.T. 0.000 min

Lab File: VY020890.D

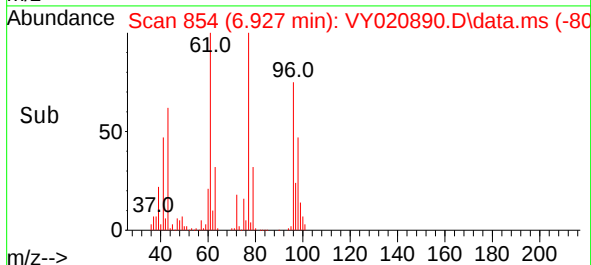
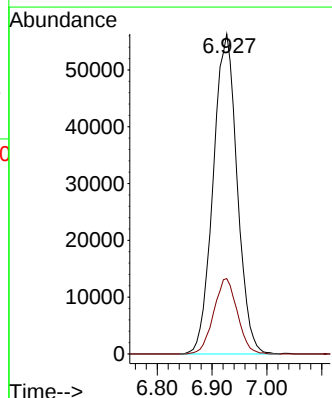
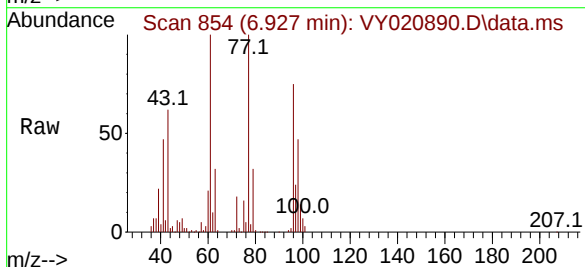
Acq: 22 Jan 2025 09:02

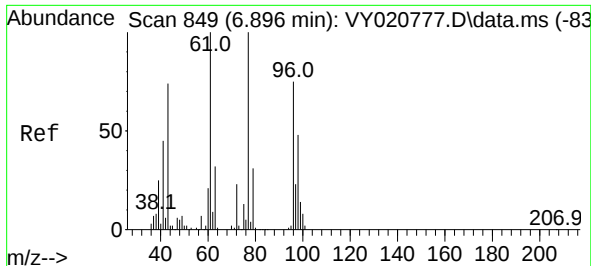
Tgt Ion: 77 Resp: 171153

Ion Ratio Lower Upper

77 100

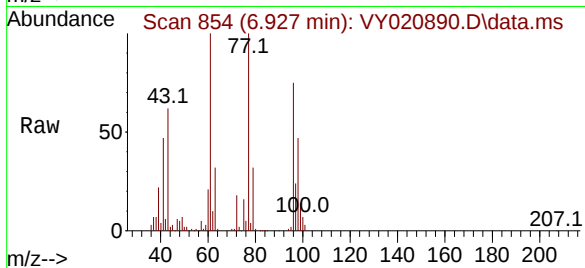
97 23.2 11.3 33.8



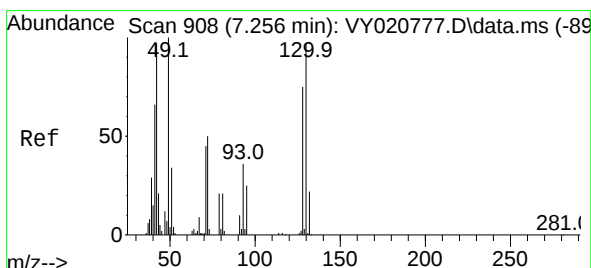
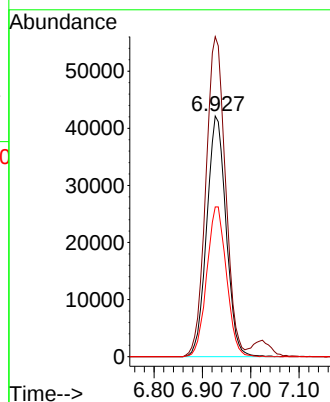
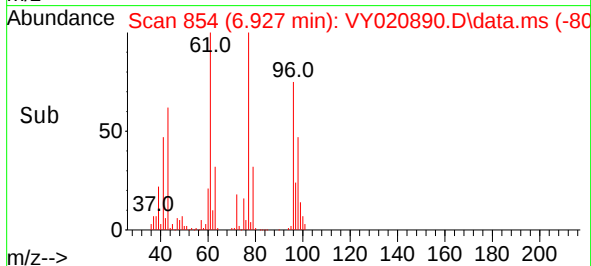


#27
 cis-1,2-Dichloroethene
 Concen: 51.771 ug/l
 RT: 6.927 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY020890.D
 Acq: 22 Jan 2025 09:02

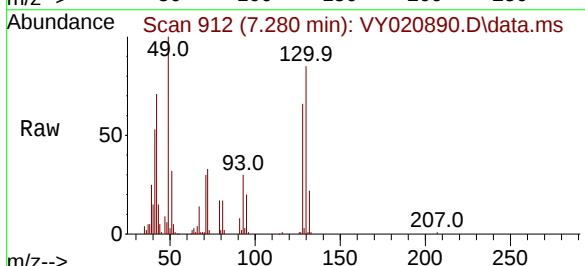
Instrument :
 MSVOA_Y
 ClientSampleId :



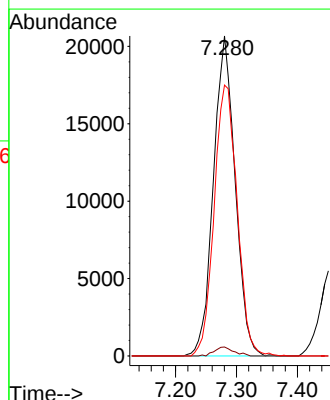
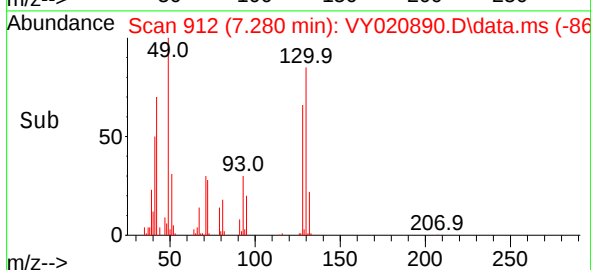
Tgt Ion: 96 Resp: 117042
 Ion Ratio Lower Upper
 96 100
 61 135.0 0.0 271.4
 98 63.5 0.0 129.0

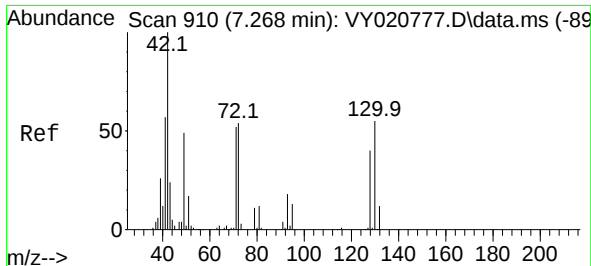


#28
 Bromochloromethane
 Concen: 57.566 ug/l
 RT: 7.280 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VY020890.D
 Acq: 22 Jan 2025 09:02



Tgt Ion: 49 Resp: 51248
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.2
 130 89.7 77.8 116.6





#29

Tetrahydrofuran

Concen: 263.156 ug/l

RT: 7.298 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

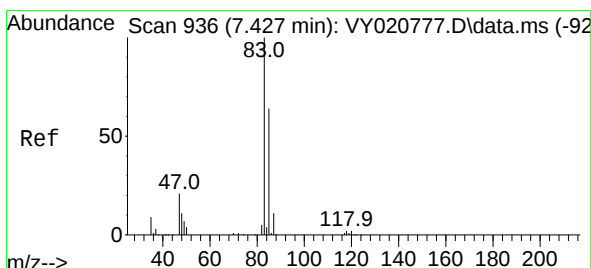
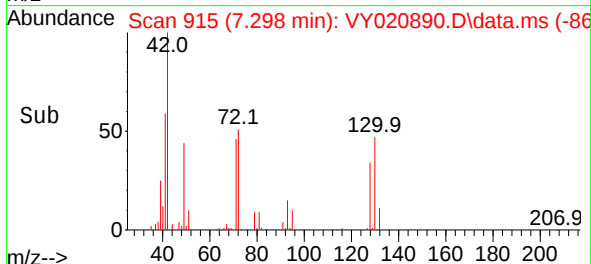
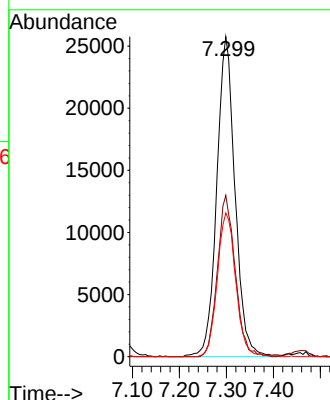
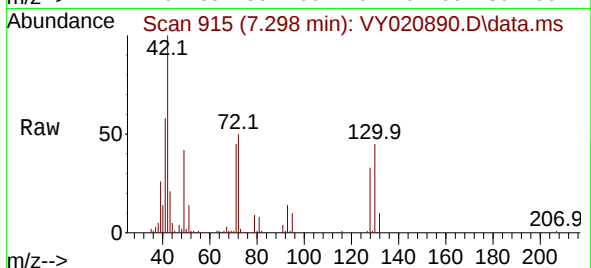
Tgt Ion: 42 Resp: 69640

Ion Ratio Lower Upper

42 100

72 49.0 41.8 62.6

71 45.3 39.8 59.8



#30

Chloroform

Concen: 50.313 ug/l

RT: 7.457 min Scan# 941

Delta R.T. 0.000 min

Lab File: VY020890.D

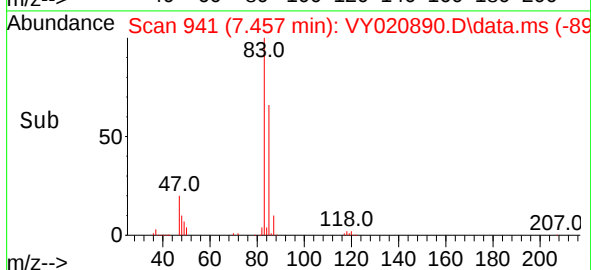
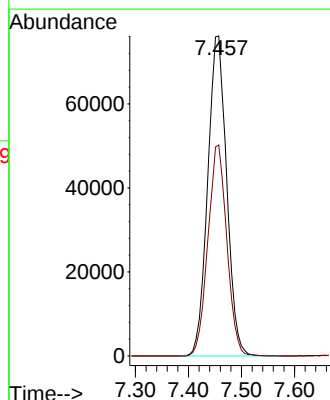
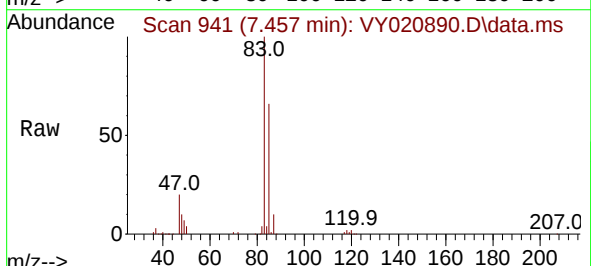
Acq: 22 Jan 2025 09:02

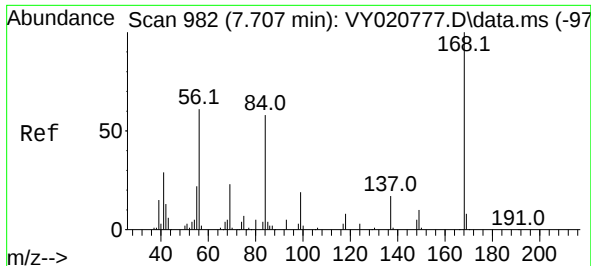
Tgt Ion: 83 Resp: 189299

Ion Ratio Lower Upper

83 100

85 65.9 51.1 76.7

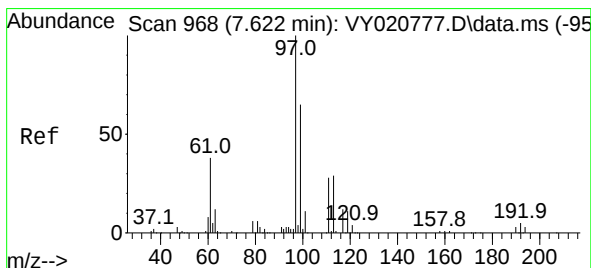
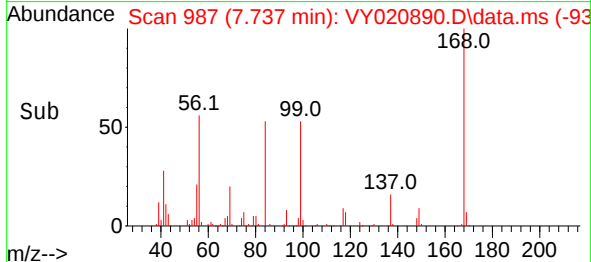
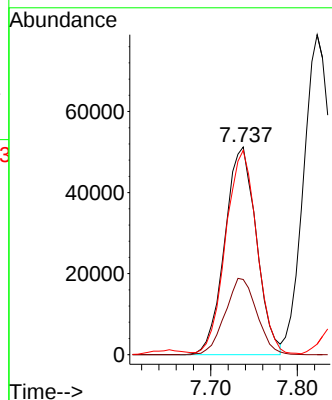
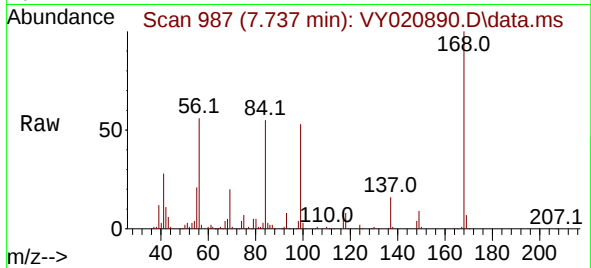




#31
Cyclohexane
Concen: 50.460 ug/l
RT: 7.737 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

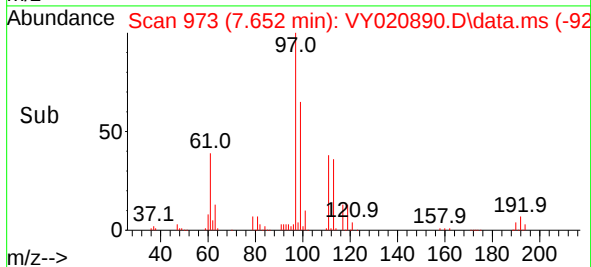
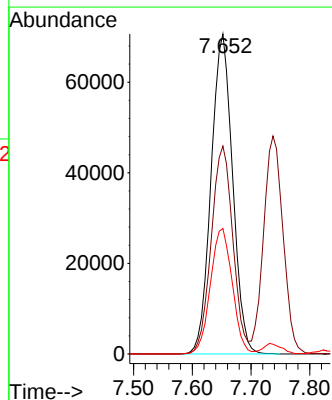
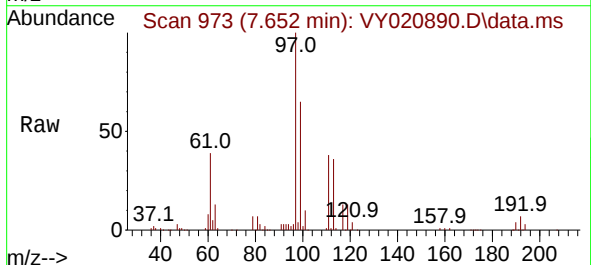
Instrument :
MSVOA_Y
ClientSampleId :

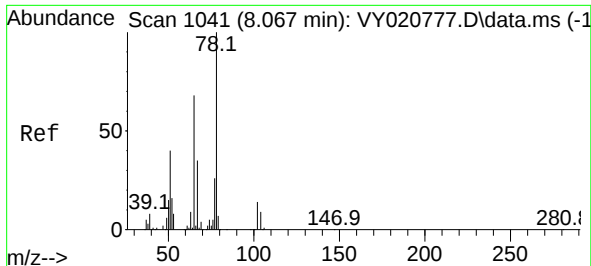
Tgt Ion: 56 Resp: 130216
Ion Ratio Lower Upper
56 100
69 36.3 30.5 45.7
84 96.7 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 48.961 ug/l
RT: 7.652 min Scan# 973
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 97 Resp: 179685
Ion Ratio Lower Upper
97 100
99 65.3 51.4 77.2
61 39.8 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 47.496 ug/l

RT: 8.091 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

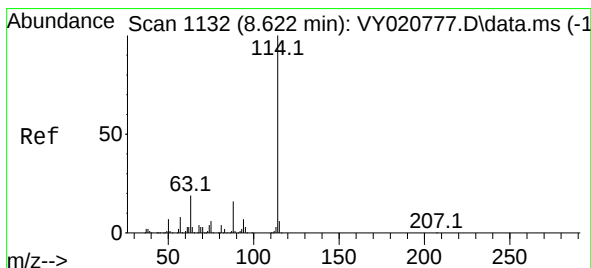
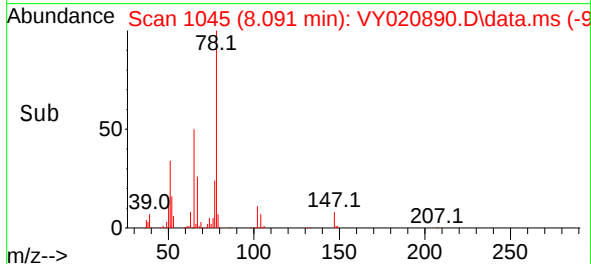
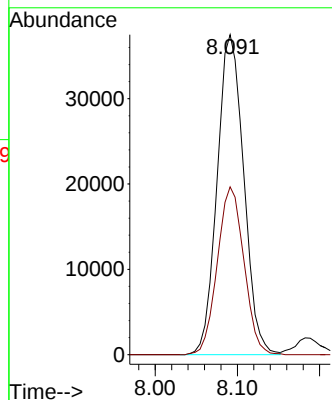
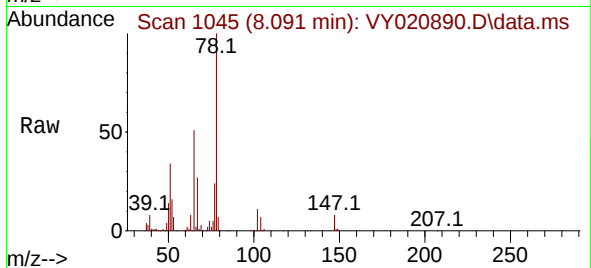
ClientSampleId :

Tgt Ion: 65 Resp: 84232

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.640 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

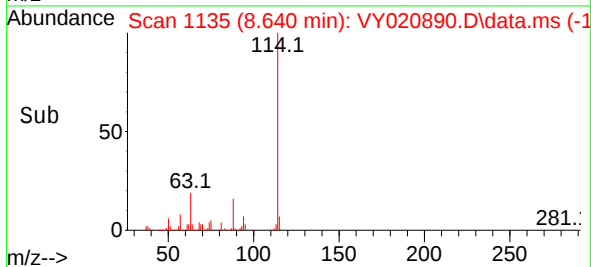
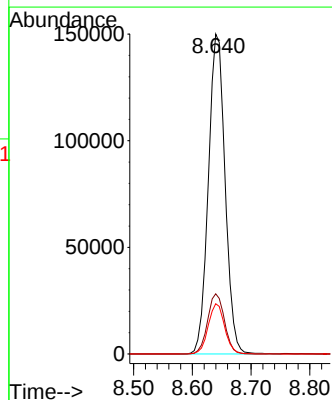
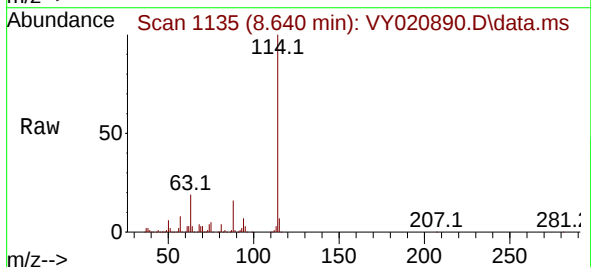
Tgt Ion:114 Resp: 296961

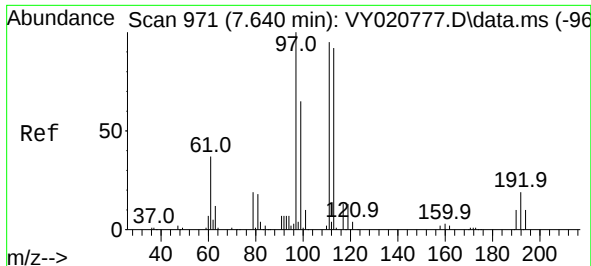
Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.4

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.114 ug/l

RT: 7.664 min Scan# 91

Delta R.T. 0.000 min

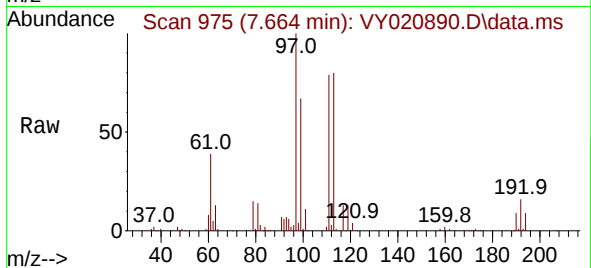
Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :



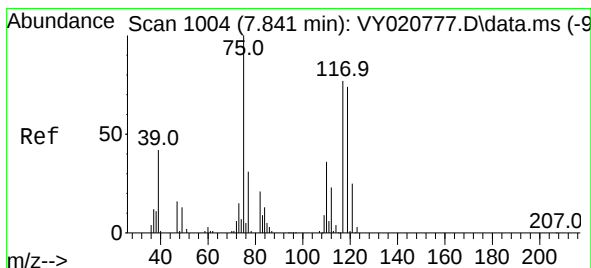
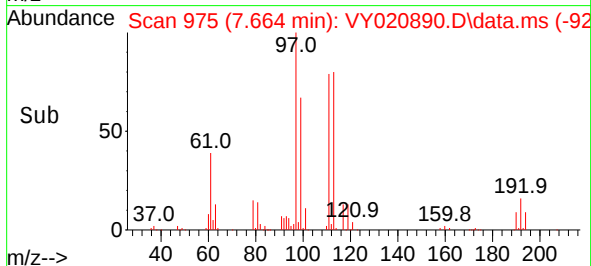
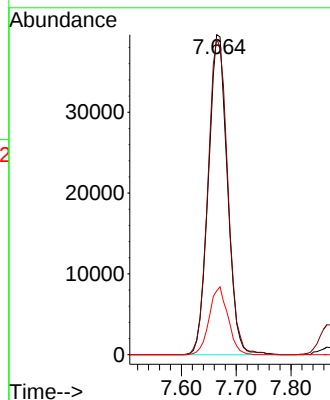
Tgt Ion:113 Resp: 95095

Ion Ratio Lower Upper

113 100

111 102.4 81.7 122.5

192 20.9 16.7 25.1



#36

1,1-Dichloropropene

Concen: 53.665 ug/l

RT: 7.865 min Scan# 1008

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

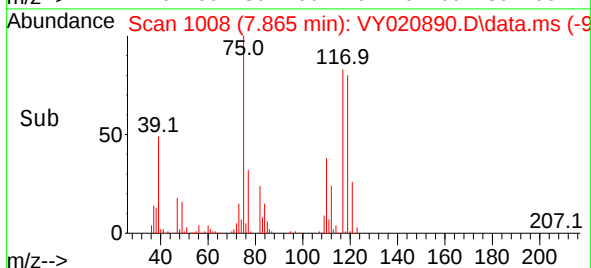
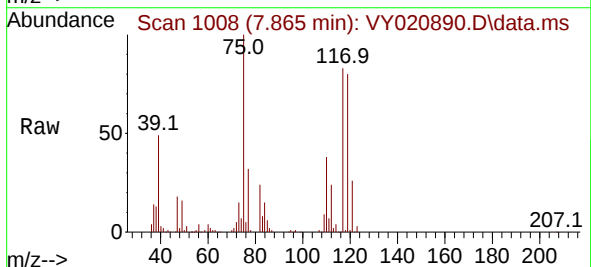
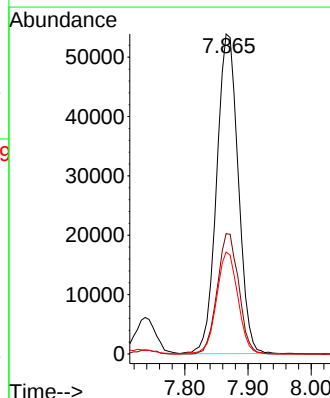
Tgt Ion: 75 Resp: 127347

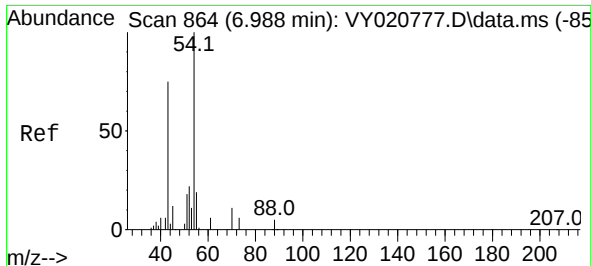
Ion Ratio Lower Upper

75 100

110 37.4 18.5 55.5

77 31.6 25.0 37.4





#37

Ethyl Acetate

Concen: 54.610 ug/l

RT: 7.018 min Scan# 8

Delta R.T. 0.000 min

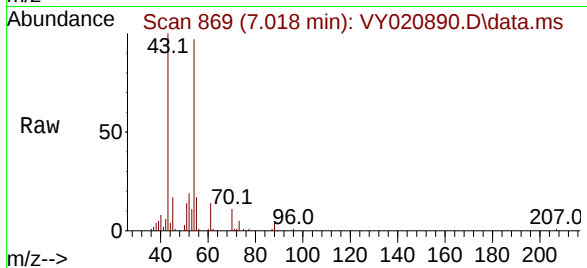
Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :



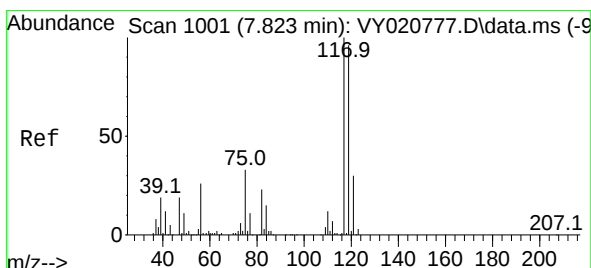
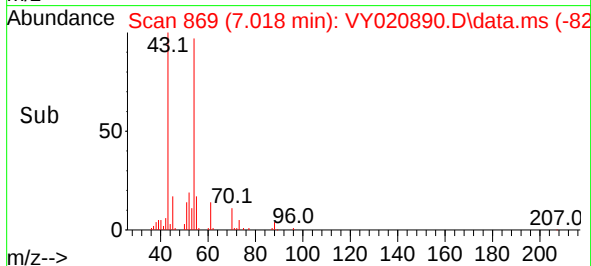
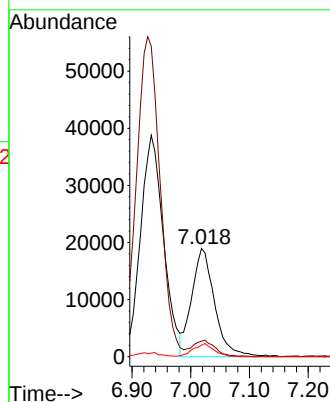
Tgt Ion: 43 Resp: 51570

Ion Ratio Lower Upper

43 100

61 14.5 11.8 17.6

70 10.9 9.8 14.8



#38

Carbon Tetrachloride

Concen: 51.386 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

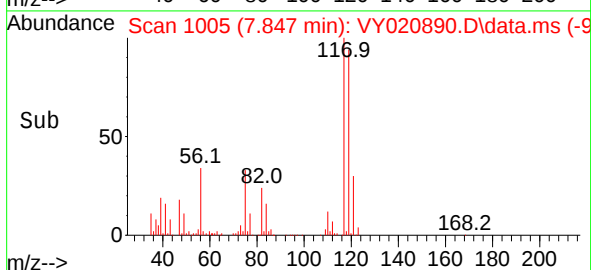
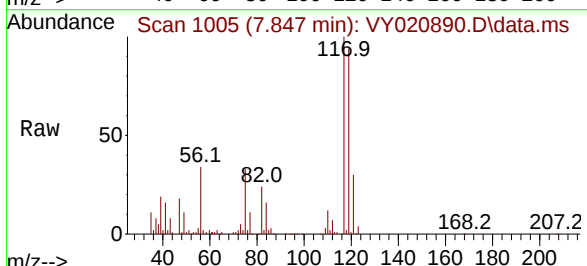
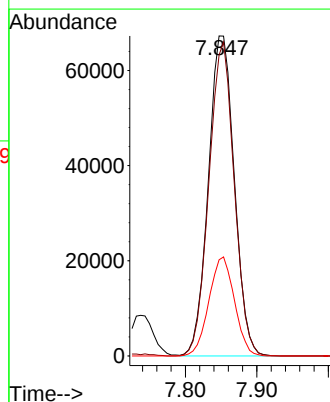
Tgt Ion: 117 Resp: 169739

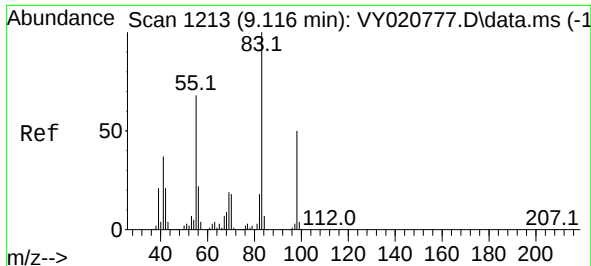
Ion Ratio Lower Upper

117 100

119 94.1 76.5 114.7

121 30.0 24.3 36.5





#39

Methylcyclohexane

Concen: 53.912 ug/l

RT: 9.134 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

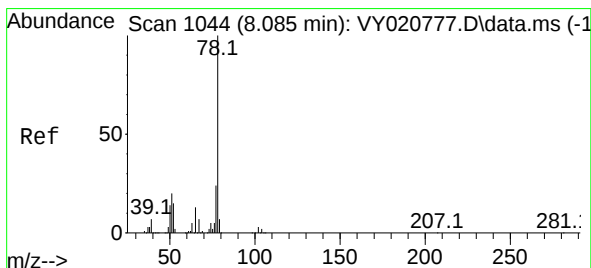
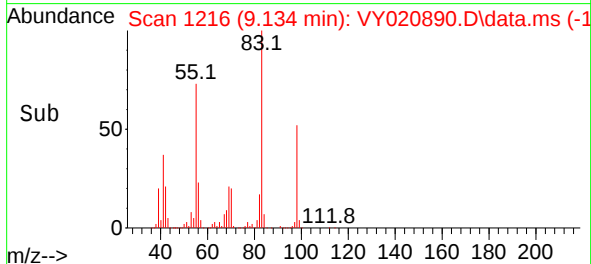
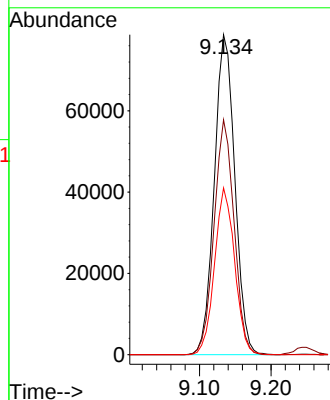
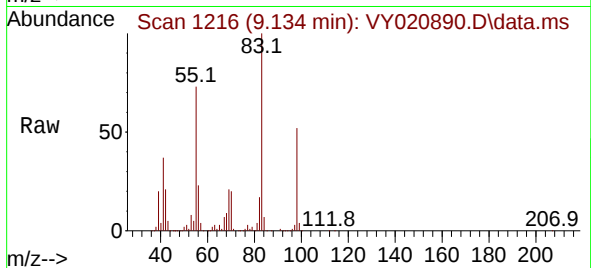
Tgt Ion: 83 Resp: 156988

Ion Ratio Lower Upper

83 100

55 73.4 54.8 82.2

98 52.1 40.0 60.0



#40

Benzene

Concen: 53.671 ug/l

RT: 8.109 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VY020890.D

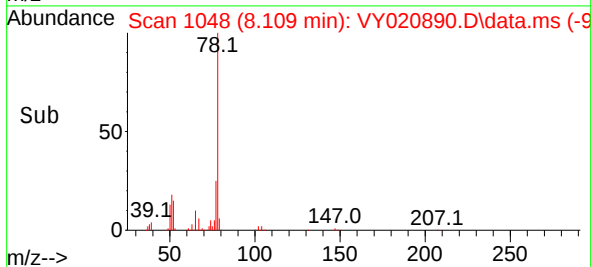
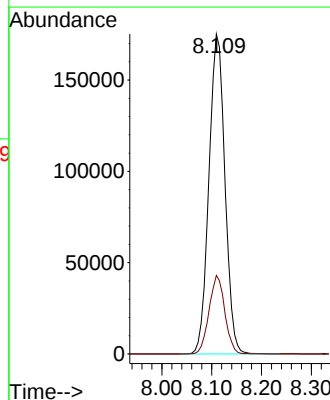
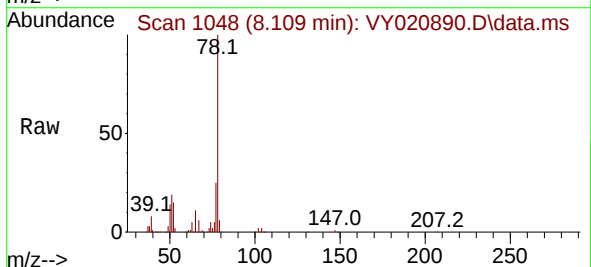
Acq: 22 Jan 2025 09:02

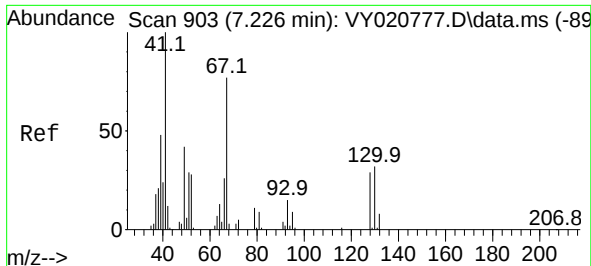
Tgt Ion: 78 Resp: 390882

Ion Ratio Lower Upper

78 100

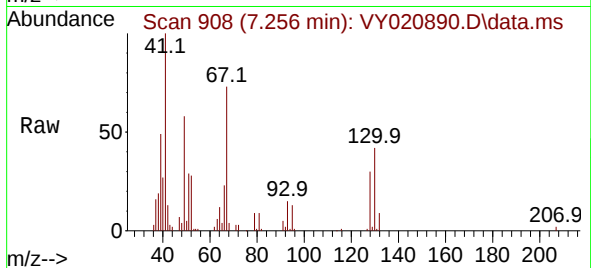
77 24.5 19.4 29.2



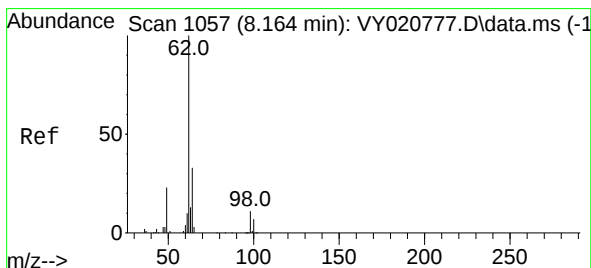
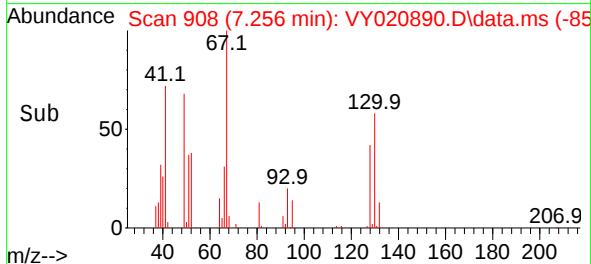
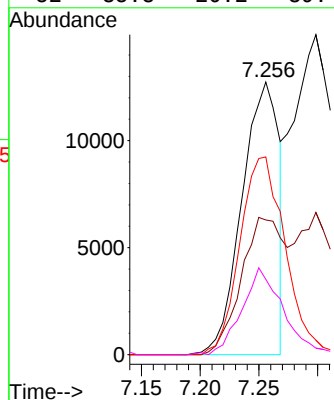


#41
Methacrylonitrile
Concen: 51.698 ug/l
RT: 7.256 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Instrument :
MSVOA_Y
ClientSampleId :

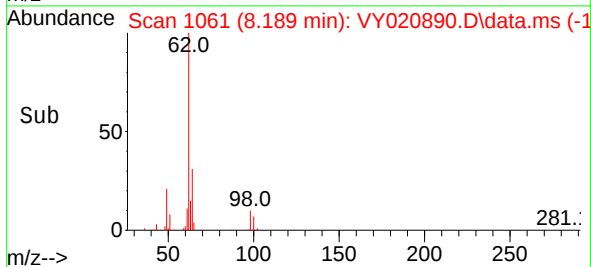
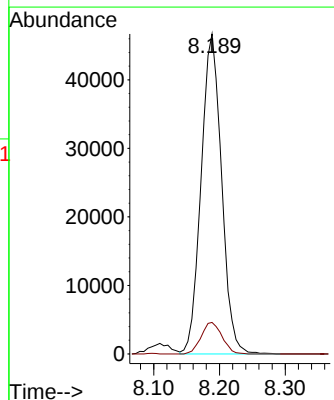
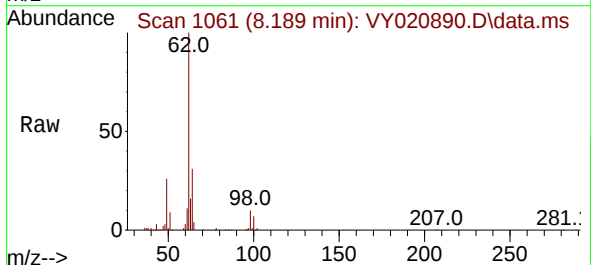


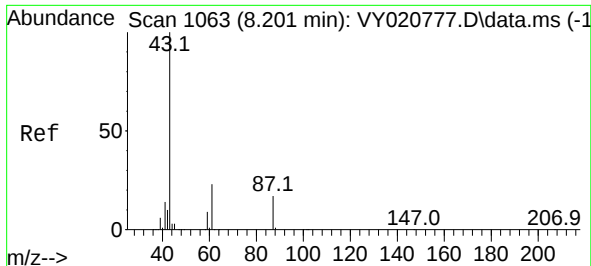
Tgt Ion: 41 Resp: 27959
Ion Ratio Lower Upper
41 100
39 58.8 42.4 63.6
67 89.4 67.8 101.8
52 35.8 26.2 39.4



#42
1,2-Dichloroethane
Concen: 50.781 ug/l
RT: 8.189 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 62 Resp: 100998
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.6





#43

Isopropyl Acetate

Concen: 54.115 ug/l

RT: 8.225 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

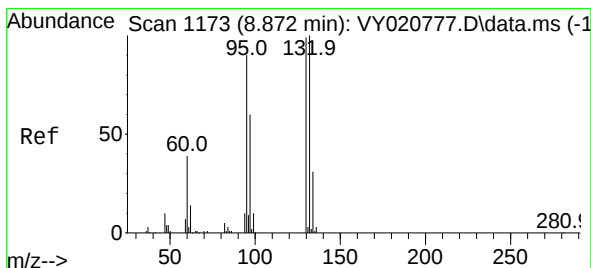
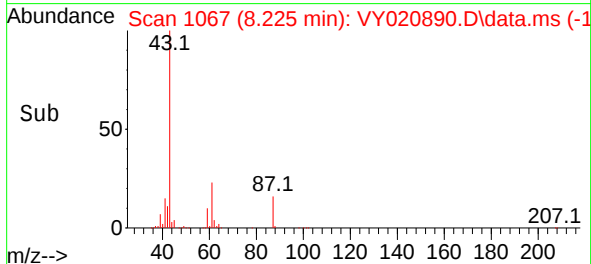
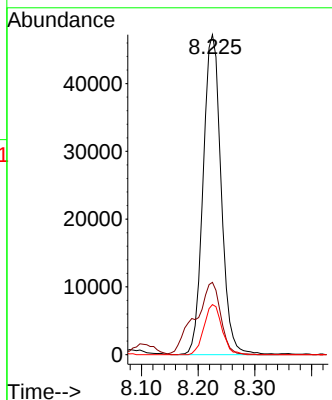
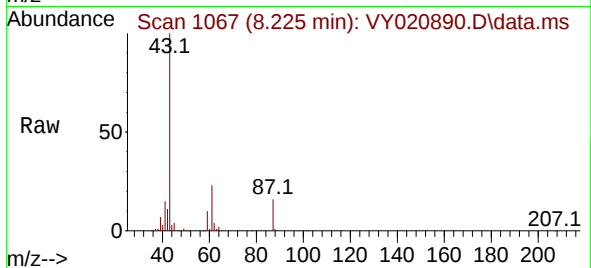
Tgt Ion: 43 Resp: 103940

Ion Ratio Lower Upper

43 100

61 32.1 26.5 39.7

87 15.7 13.4 20.0



#44

Trichloroethene

Concen: 52.920 ug/l

RT: 8.890 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VY020890.D

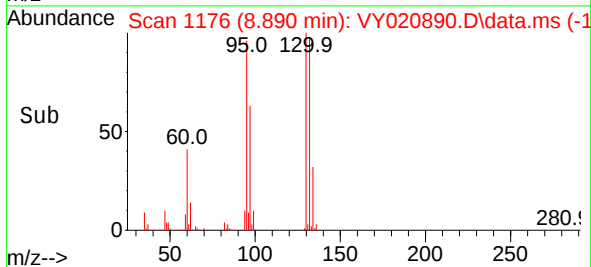
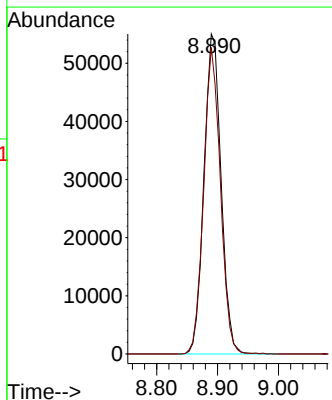
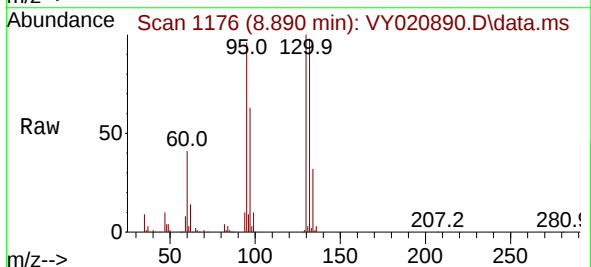
Acq: 22 Jan 2025 09:02

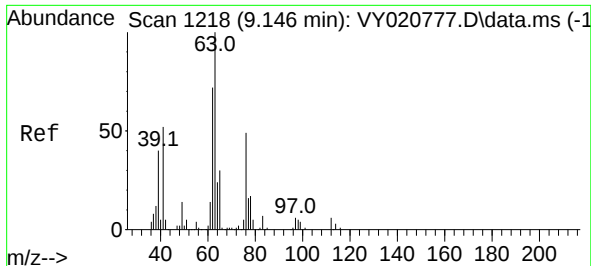
Tgt Ion:130 Resp: 107442

Ion Ratio Lower Upper

130 100

95 95.7 0.0 181.0





#45

1,2-Dichloropropane

Concen: 56.422 ug/l

RT: 9.164 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

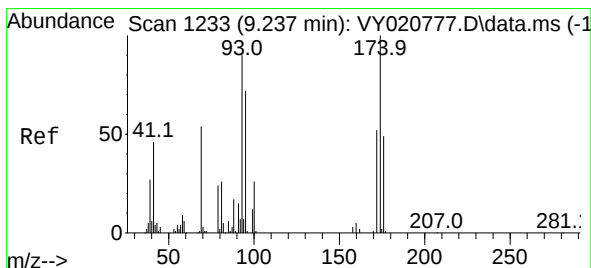
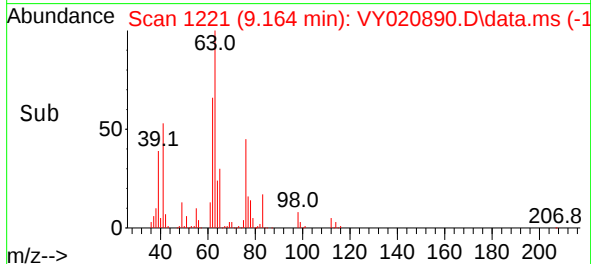
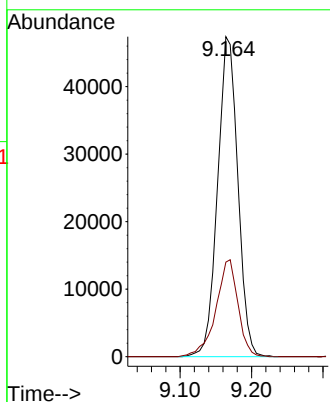
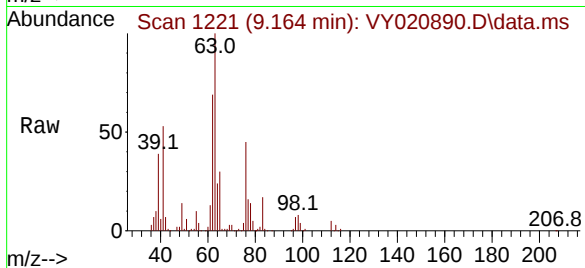
ClientSampleId :

Tgt Ion: 63 Resp: 93157

Ion Ratio Lower Upper

63 100

65 29.5 24.2 36.4



#46

Dibromomethane

Concen: 53.009 ug/l

RT: 9.255 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

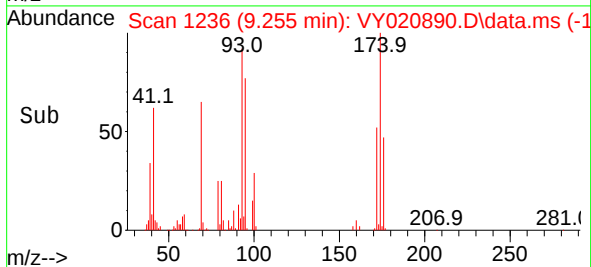
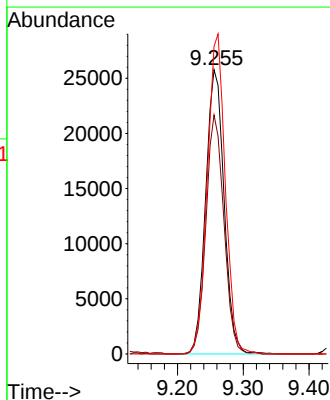
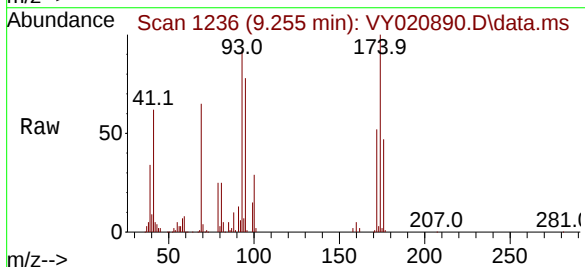
Tgt Ion: 93 Resp: 50258

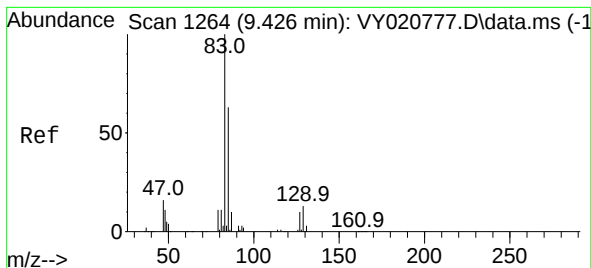
Ion Ratio Lower Upper

93 100

95 82.1 68.2 102.4

174 110.2 89.0 133.6





#47

Bromodichloromethane

Concen: 53.059 ug/l

RT: 9.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

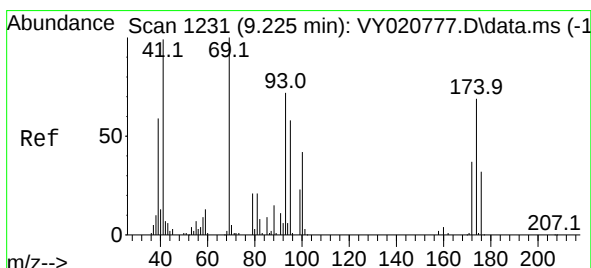
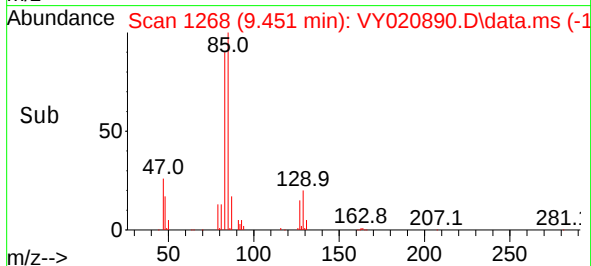
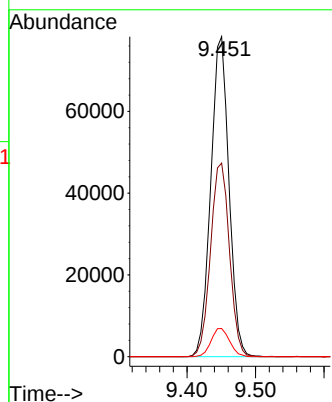
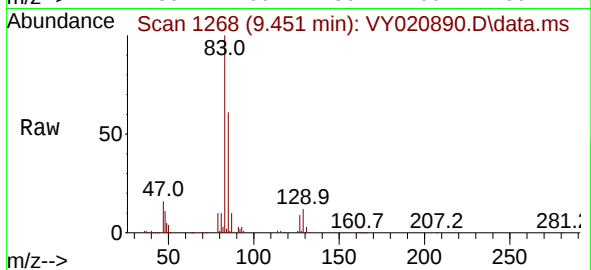
Tgt Ion: 83 Resp: 144073

Ion Ratio Lower Upper

83 100

85 60.5 50.7 76.1

127 8.8 7.9 11.9



#48

Methyl methacrylate

Concen: 52.271 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

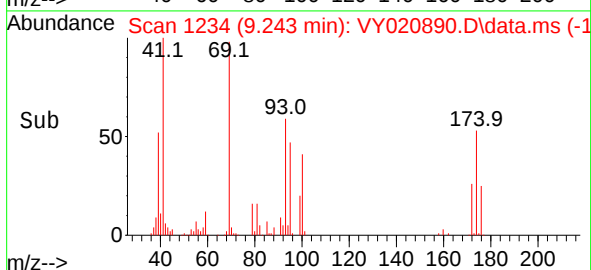
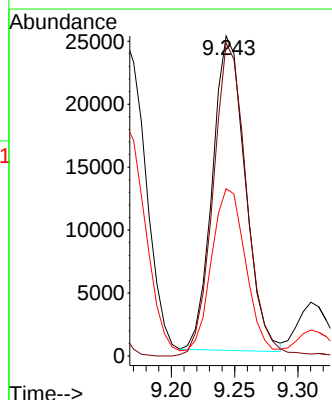
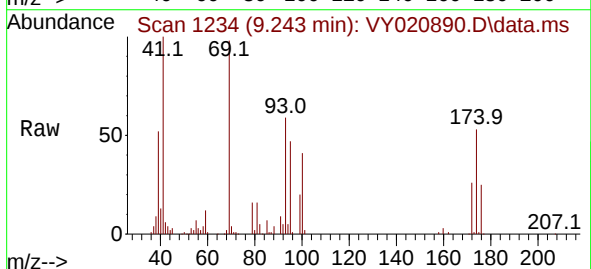
Tgt Ion: 41 Resp: 45010

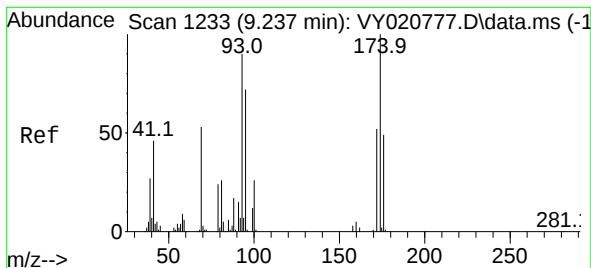
Ion Ratio Lower Upper

41 100

69 101.2 78.9 118.3

39 56.8 44.6 67.0





#49

1,4-Dioxane

Concen: 914.531 ug/l

RT: 9.262 min Scan# 1

Delta R.T. 0.000 min

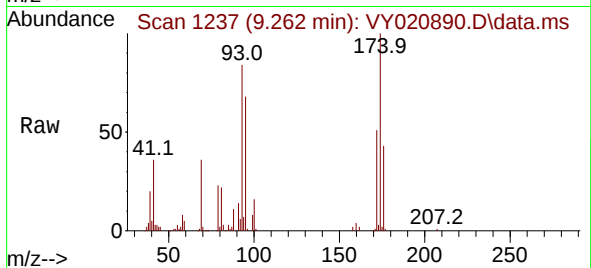
Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :



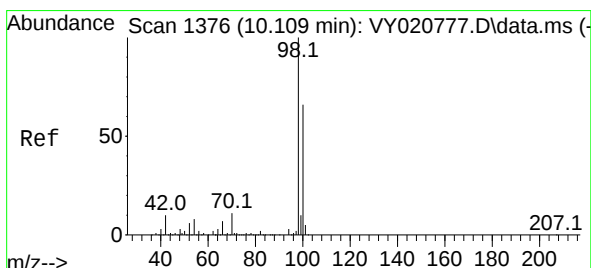
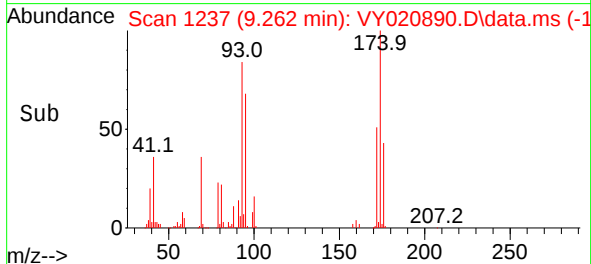
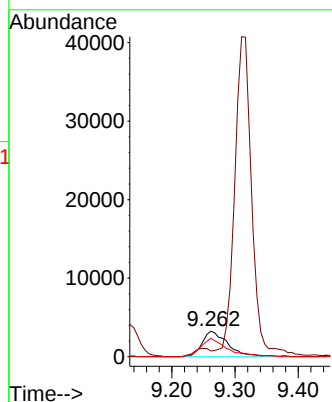
Tgt Ion: 88 Resp: 9206

Ion Ratio Lower Upper

88 100

43 0.0 24.4 36.6#

58 72.8 51.0 76.6



#50

Toluene-d8

Concen: 53.676 ug/l

RT: 10.133 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VY020890.D

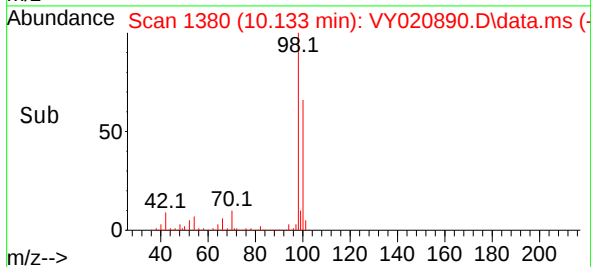
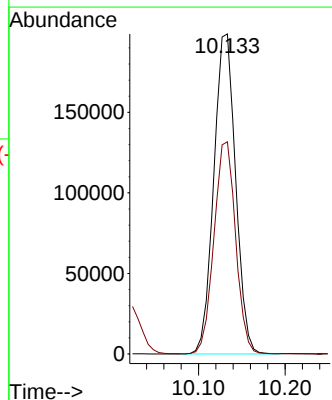
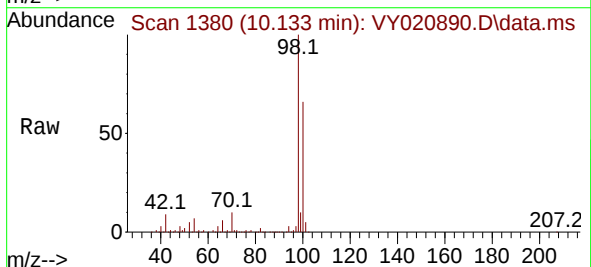
Acq: 22 Jan 2025 09:02

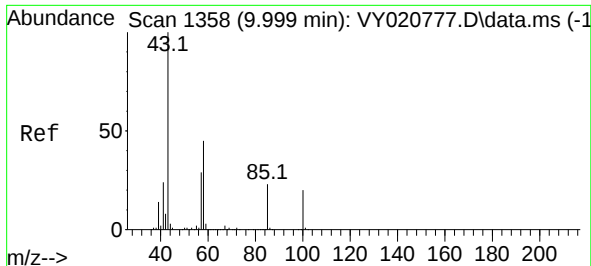
Tgt Ion: 98 Resp: 348116

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

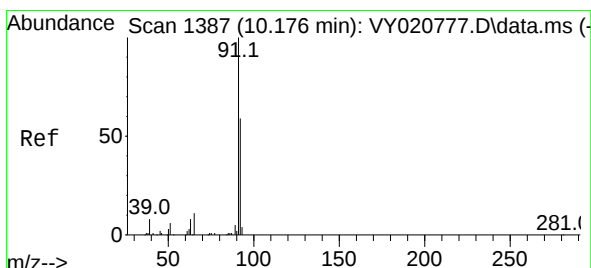
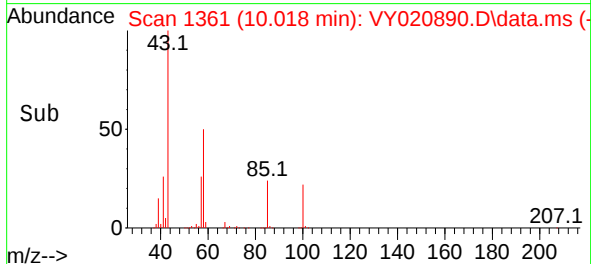
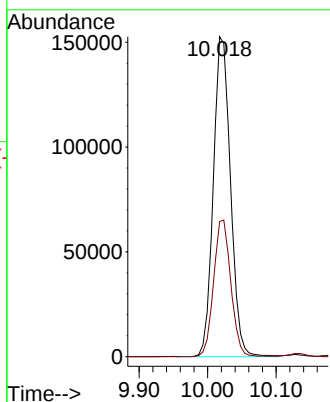
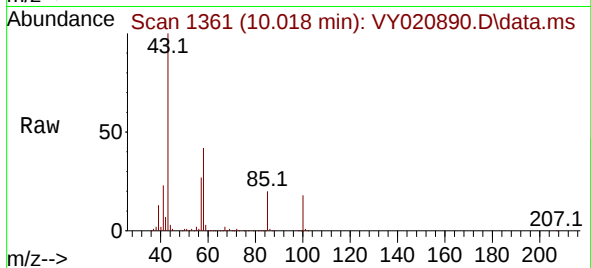




#51
4-Methyl-2-Pentanone
Concen: 276.599 ug/l
RT: 10.018 min Scan# 1361
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

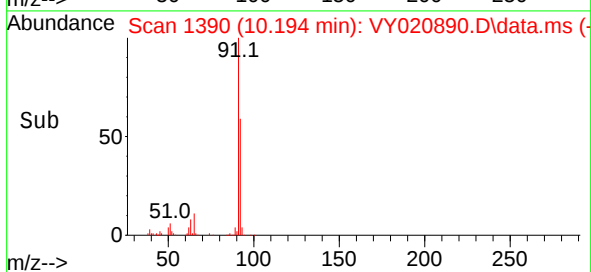
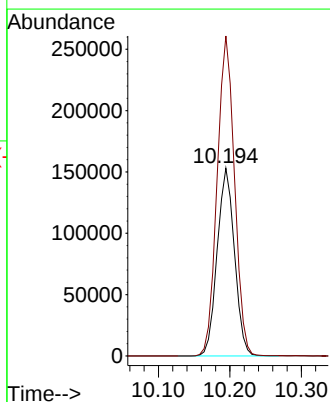
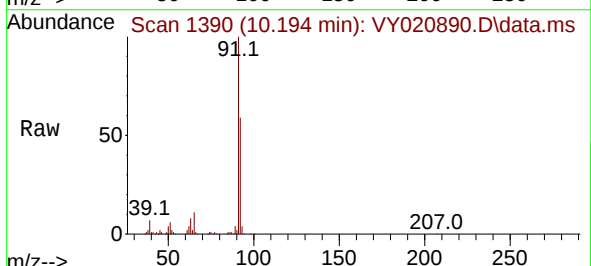
Instrument :
MSVOA_Y
ClientSampleId :

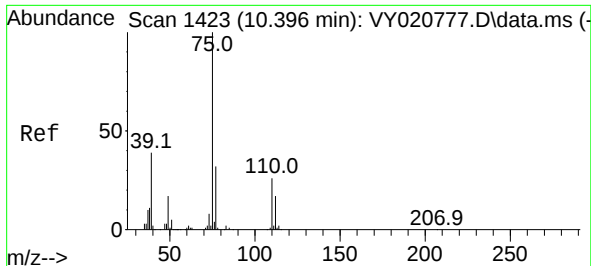
Tgt Ion: 43 Resp: 265416
Ion Ratio Lower Upper
43 100
58 42.9 34.8 52.2



#52
Toluene
Concen: 53.269 ug/l
RT: 10.194 min Scan# 1390
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 92 Resp: 256906
Ion Ratio Lower Upper
92 100
91 171.3 136.6 204.8

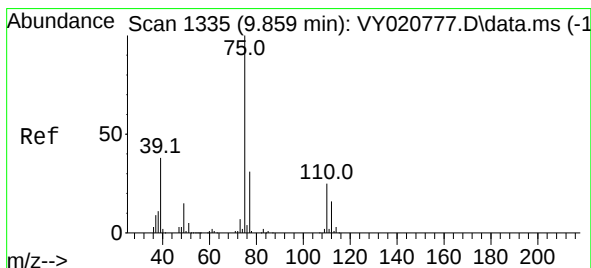
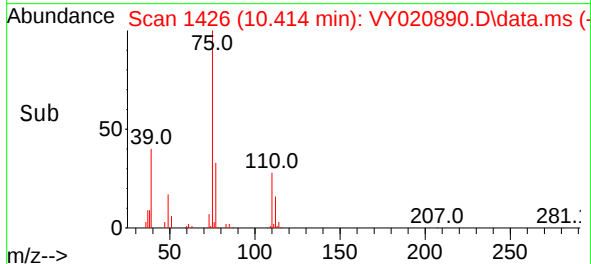
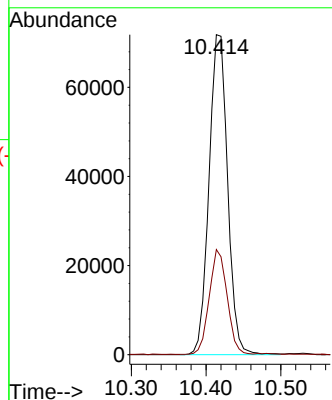
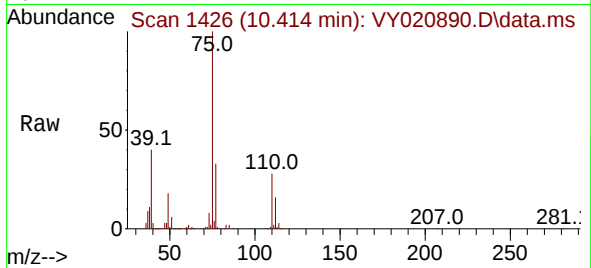




#53
t-1,3-Dichloropropene
Concen: 51.432 ug/l
RT: 10.414 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

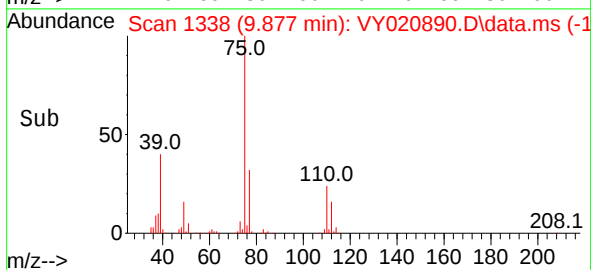
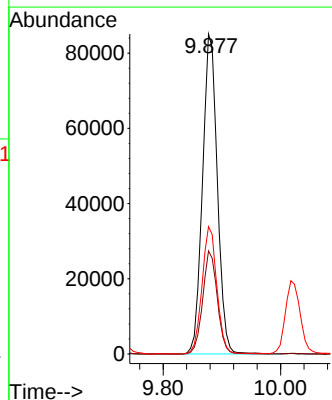
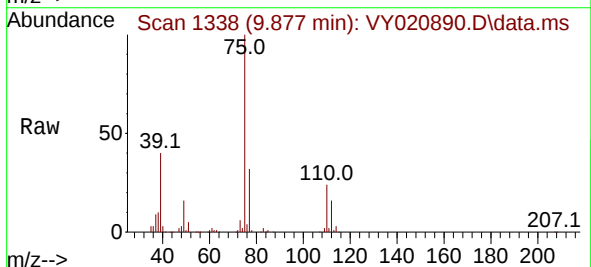
Instrument :
MSVOA_Y
ClientSampleId :

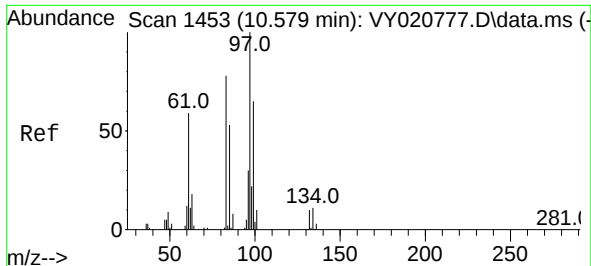
Tgt Ion: 75 Resp: 124210
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 53.209 ug/l
RT: 9.877 min Scan# 1338
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 75 Resp: 149237
Ion Ratio Lower Upper
75 100
77 32.2 24.5 36.7
39 39.8 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 53.180 ug/l

RT: 10.597 min Scan# 1453

Delta R.T. 0.000 min

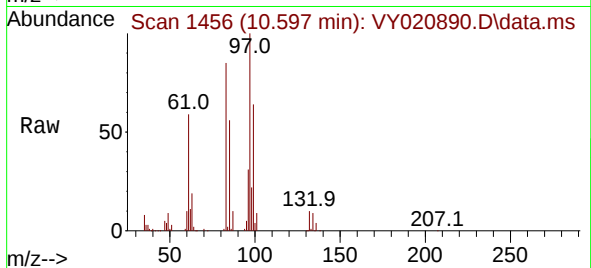
Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 72032

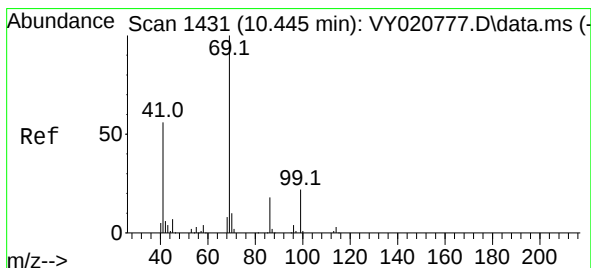
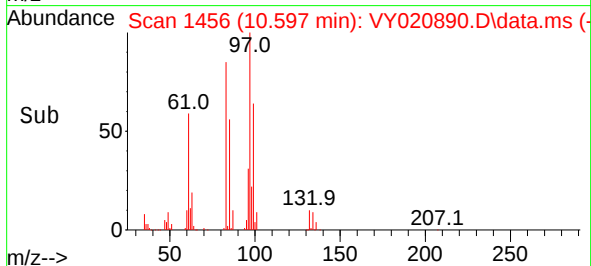
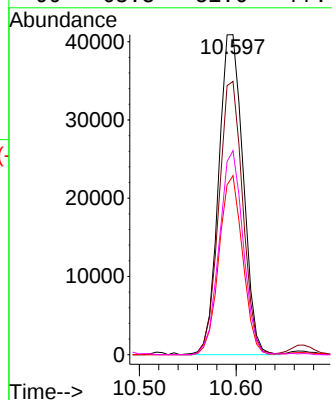
Ion Ratio Lower Upper

97 100

83 85.4 62.8 94.2

85 55.9 42.4 63.6

99 63.8 51.6 77.4



#56

Ethyl methacrylate

Concen: 53.274 ug/l

RT: 10.463 min Scan# 1434

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

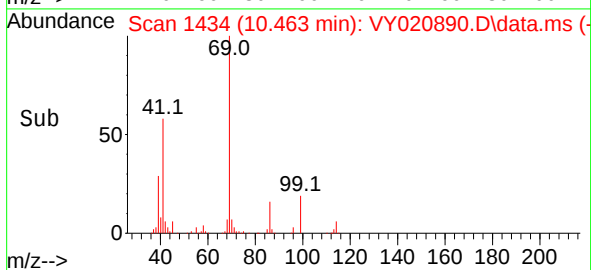
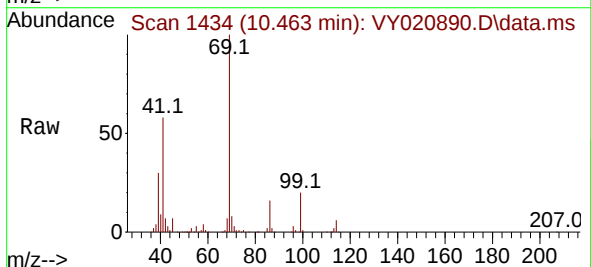
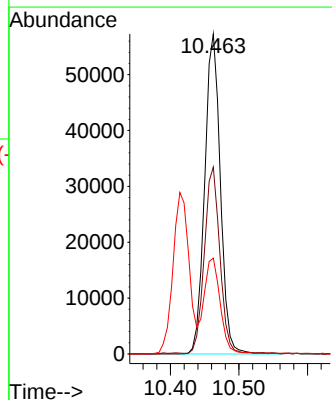
Tgt Ion: 69 Resp: 91130

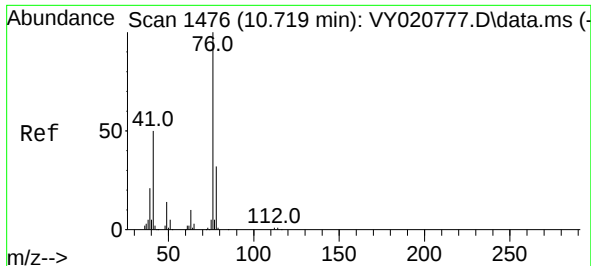
Ion Ratio Lower Upper

69 100

41 57.3 46.6 69.8

39 30.8 25.7 38.5





#57

1,3-Dichloropropane

Concen: 53.609 ug/l

RT: 10.737 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

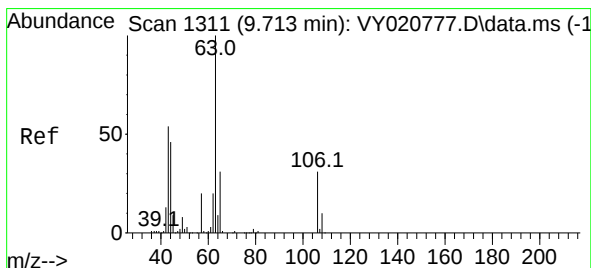
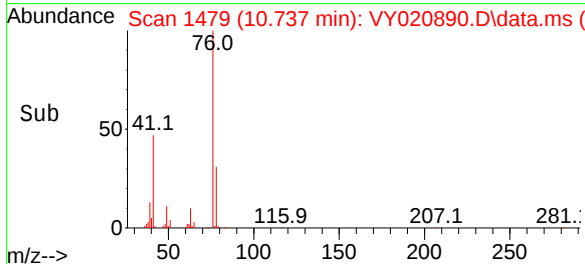
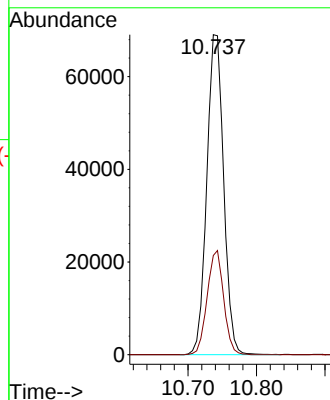
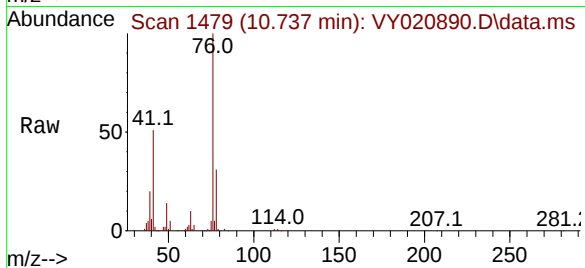
ClientSampleId :

Tgt Ion: 76 Resp: 118361

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 257.770 ug/l

RT: 9.731 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VY020890.D

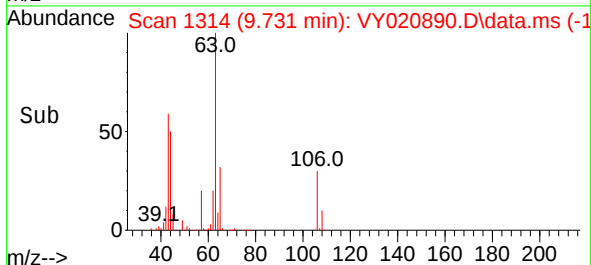
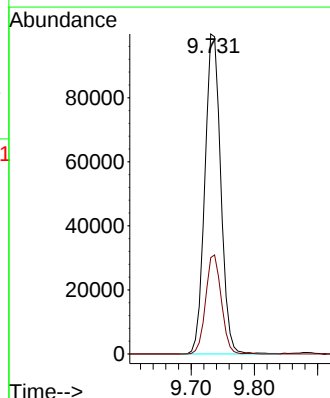
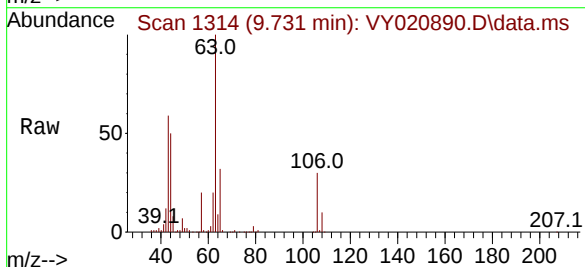
Acq: 22 Jan 2025 09:02

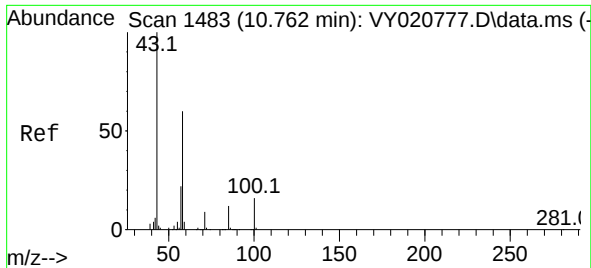
Tgt Ion: 63 Resp: 174926

Ion Ratio Lower Upper

63 100

106 30.5 25.9 38.9





#59

2-Hexanone

Concen: 276.858 ug/l

RT: 10.780 min Scan# 1486

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

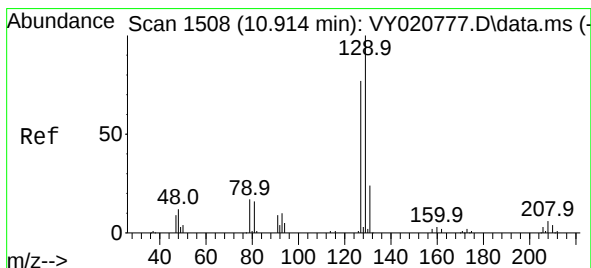
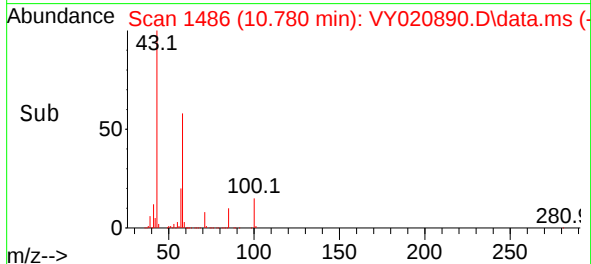
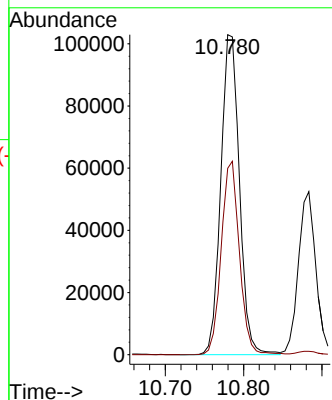
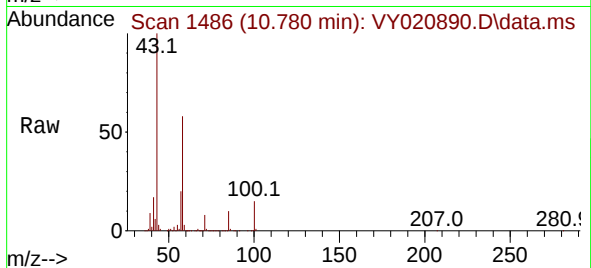
ClientSampleId :

Tgt Ion: 43 Resp: 170436

Ion Ratio Lower Upper

43 100

58 59.0 30.6 92.0



#60

Dibromochloromethane

Concen: 51.695 ug/l

RT: 10.932 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VY020890.D

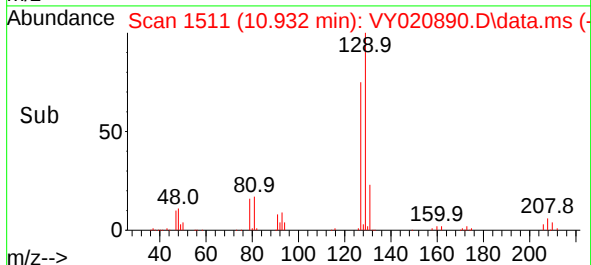
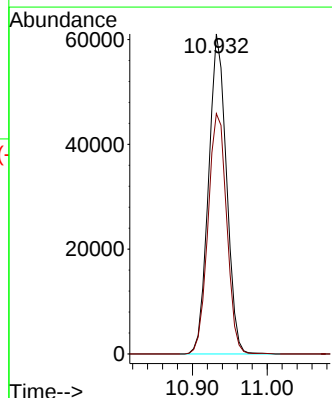
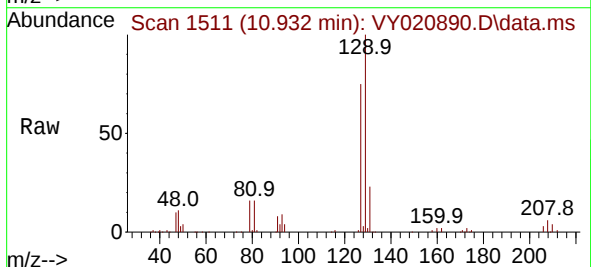
Acq: 22 Jan 2025 09:02

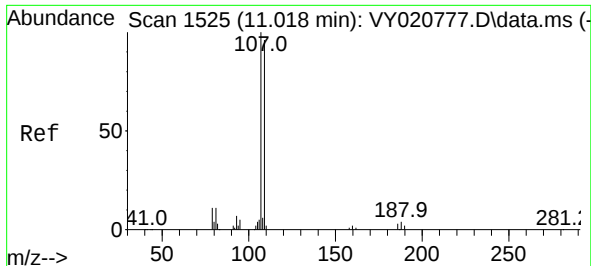
Tgt Ion:129 Resp: 101552

Ion Ratio Lower Upper

129 100

127 78.2 38.3 114.9





#61

1,2-Dibromoethane

Concen: 52.623 ug/l

RT: 11.036 min Scan# 1528

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

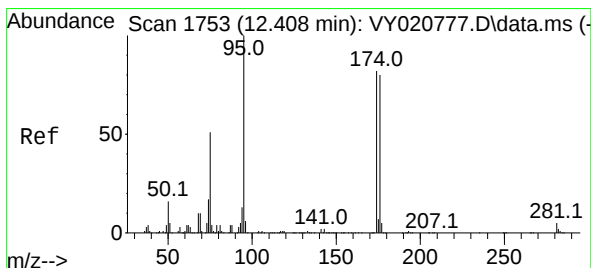
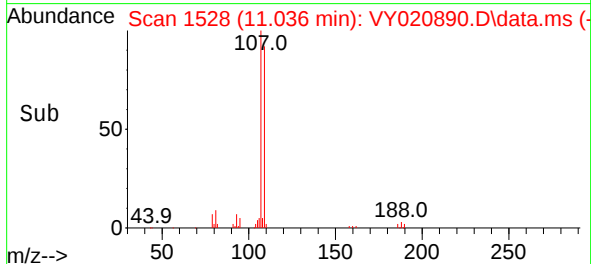
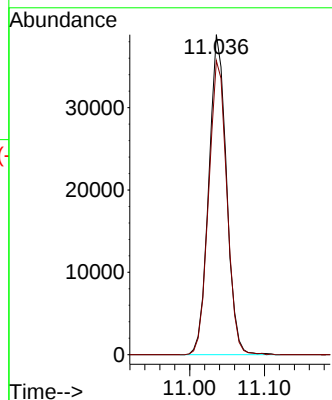
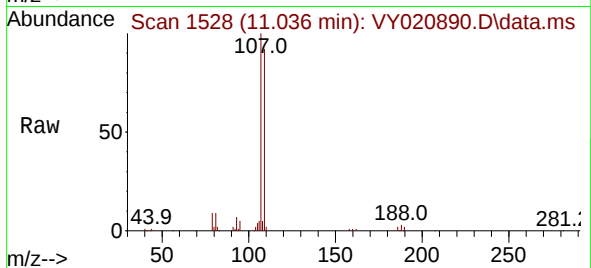
ClientSampleId :

Tgt Ion:107 Resp: 63991

Ion Ratio Lower Upper

107 100

109 94.5 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 47.896 ug/l

RT: 12.426 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

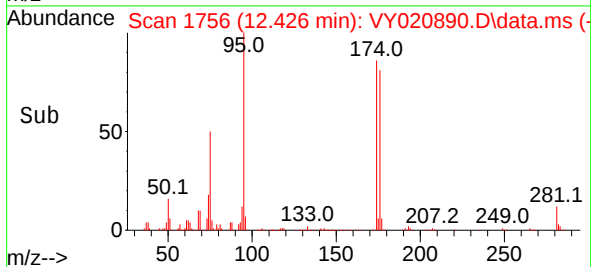
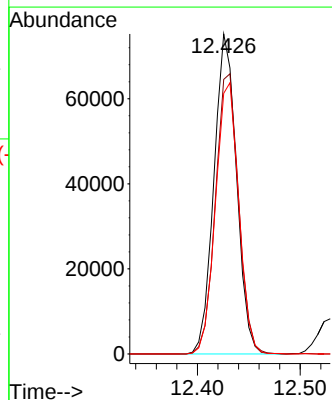
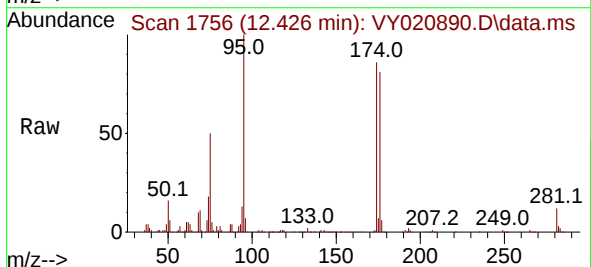
Tgt Ion: 95 Resp: 114711

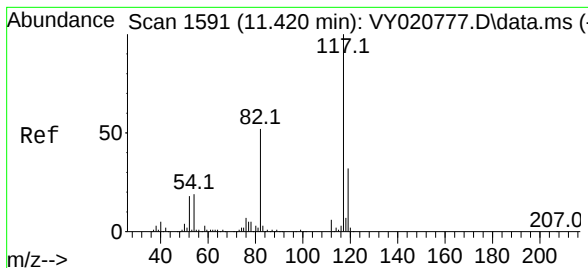
Ion Ratio Lower Upper

95 100

174 89.8 0.0 178.0

176 87.2 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

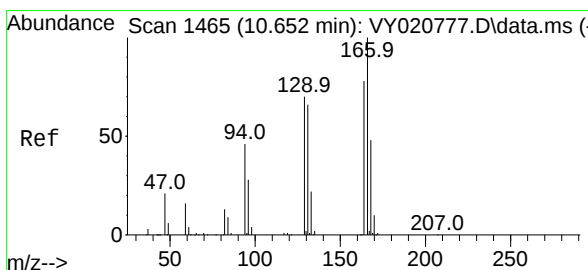
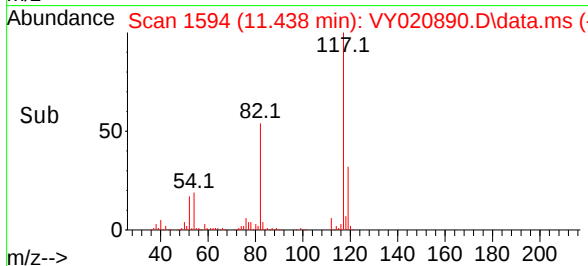
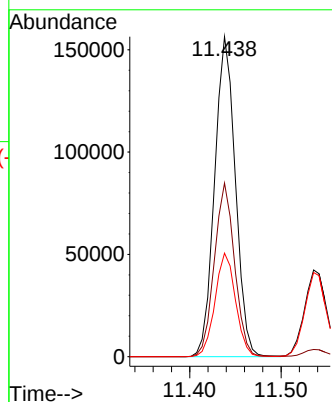
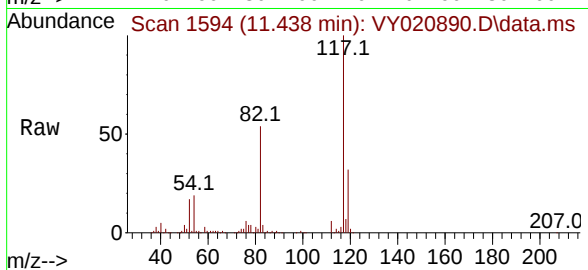
Tgt Ion:117 Resp: 247028

Ion Ratio Lower Upper

117 100

82 54.2 41.8 62.6

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 52.250 ug/l

RT: 10.670 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Tgt Ion:164 Resp: 94896

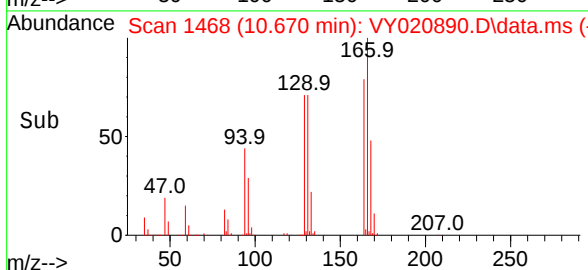
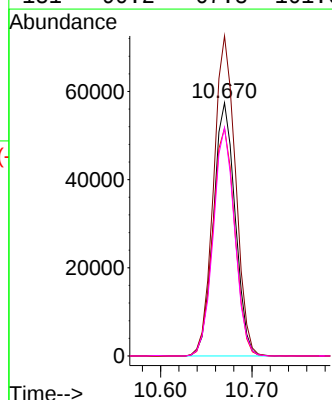
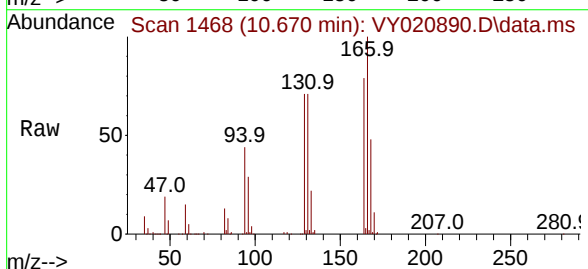
Ion Ratio Lower Upper

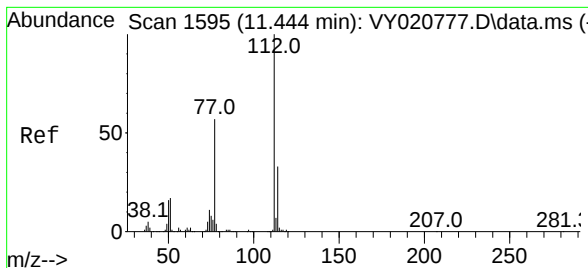
164 100

166 126.4 102.0 153.0

129 89.9 71.4 107.2

131 90.2 67.8 101.6

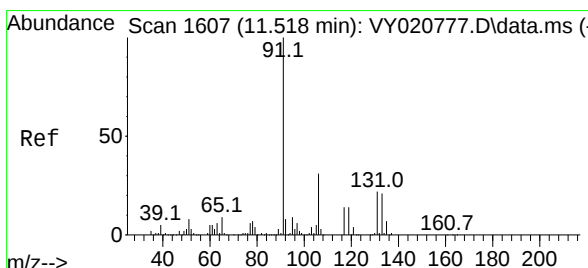
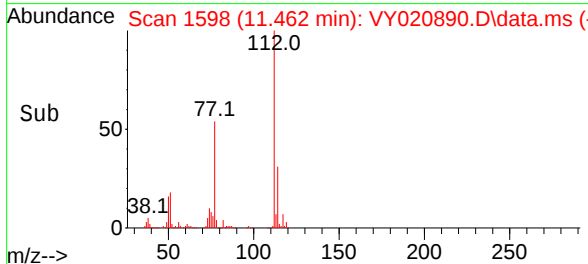
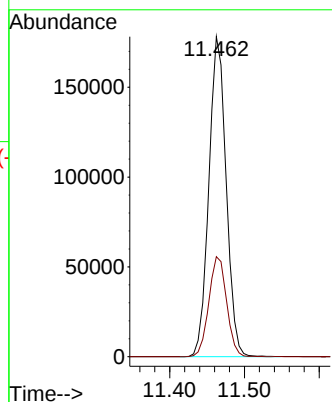
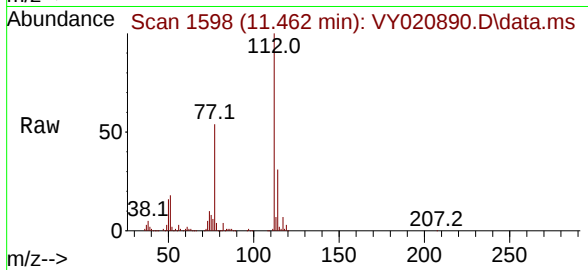




#65
Chlorobenzene
Concen: 52.480 ug/l
RT: 11.462 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

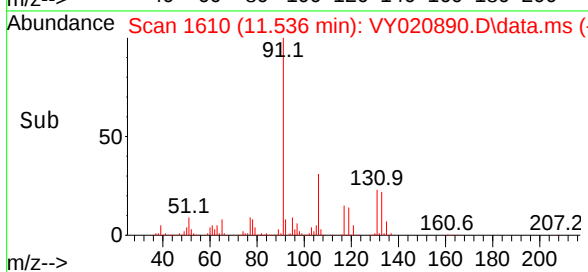
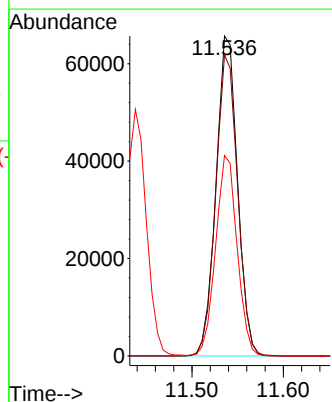
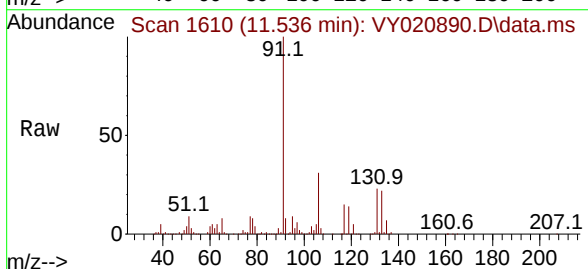
Instrument :
MSVOA_Y
ClientSampleId :

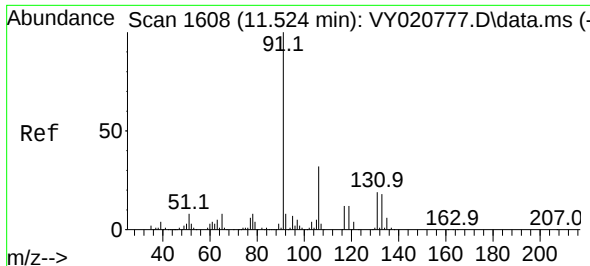
Tgt Ion:112 Resp: 286632
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.759 ug/l
RT: 11.536 min Scan# 1610
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion:131 Resp: 107619
Ion Ratio Lower Upper
131 100
133 95.6 46.9 140.8
119 62.7 30.2 90.6





#67

Ethyl Benzene

Concen: 53.164 ug/l

RT: 11.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

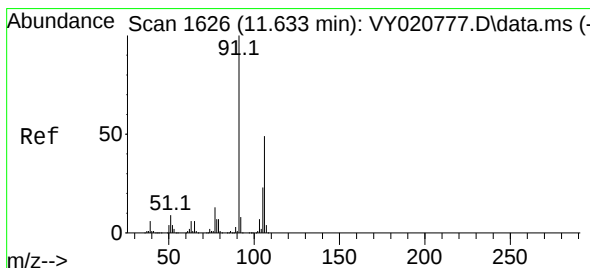
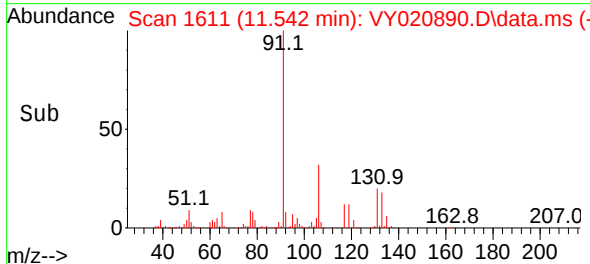
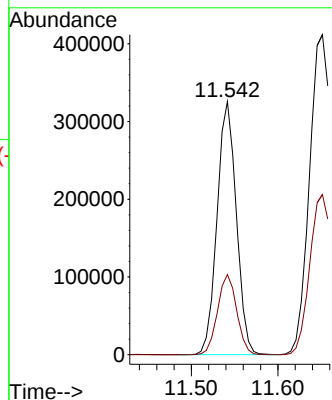
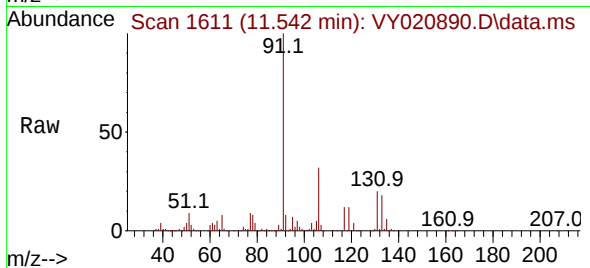
ClientSampleId :

Tgt Ion: 91 Resp: 502727

Ion Ratio Lower Upper

91 100

106 31.6 25.5 38.3



#68

m/p-Xylenes

Concen: 104.420 ug/l

RT: 11.651 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VY020890.D

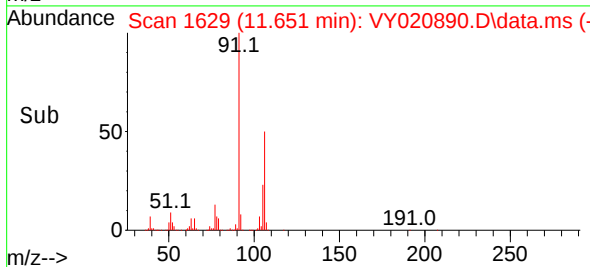
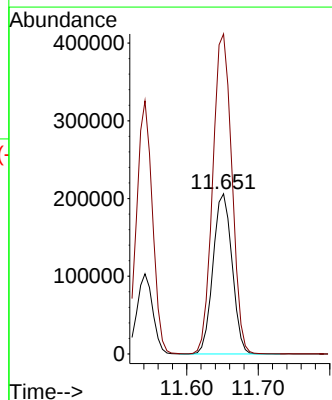
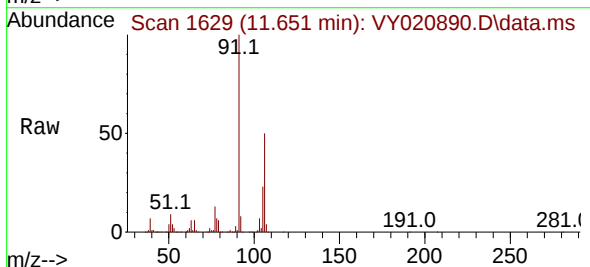
Acq: 22 Jan 2025 09:02

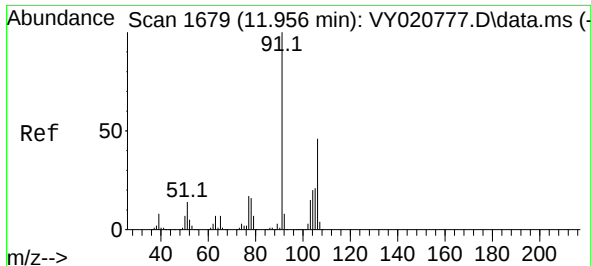
Tgt Ion:106 Resp: 380164

Ion Ratio Lower Upper

106 100

91 201.2 162.6 243.8





#69

o-Xylene

Concen: 52.161 ug/l

RT: 11.974 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

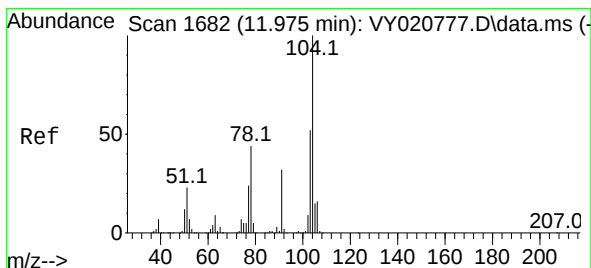
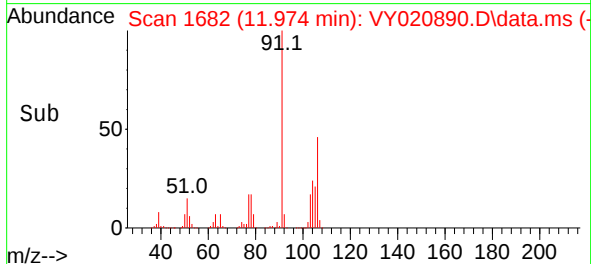
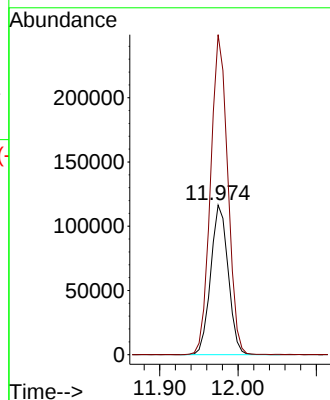
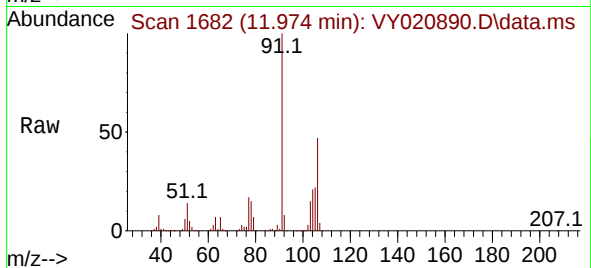
ClientSampleId :

Tgt Ion:106 Resp: 180057

Ion Ratio Lower Upper

106 100

91 210.7 108.2 324.6



#70

Styrene

Concen: 51.841 ug/l

RT: 11.993 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

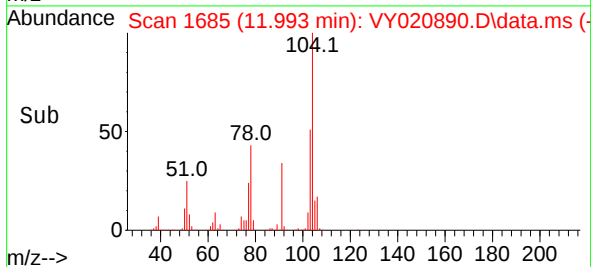
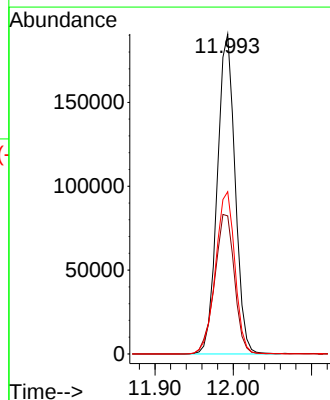
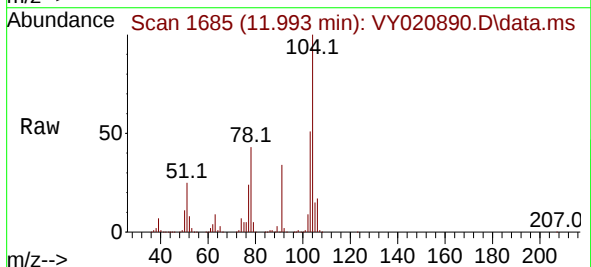
Tgt Ion:104 Resp: 301240

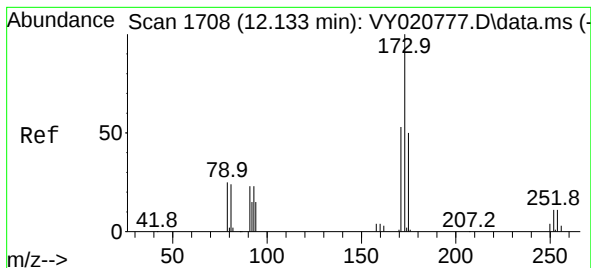
Ion Ratio Lower Upper

104 100

78 48.7 39.4 59.2

103 55.3 44.0 66.0





#71

Bromoform

Concen: 51.517 ug/l

RT: 12.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

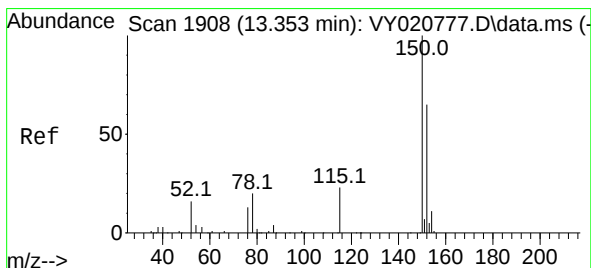
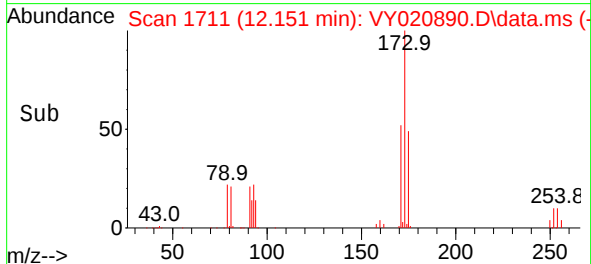
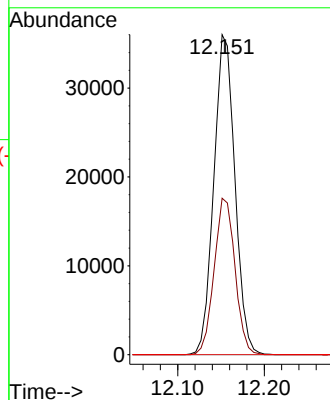
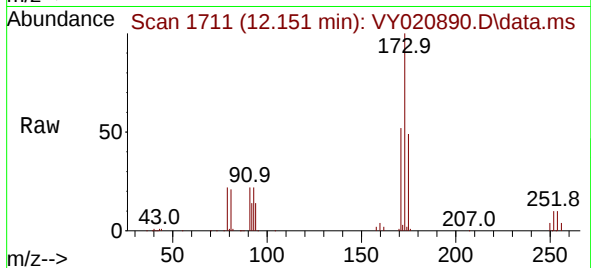
Tgt Ion:173 Resp: 60893

Ion Ratio Lower Upper

173 100

175 48.3 24.2 72.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

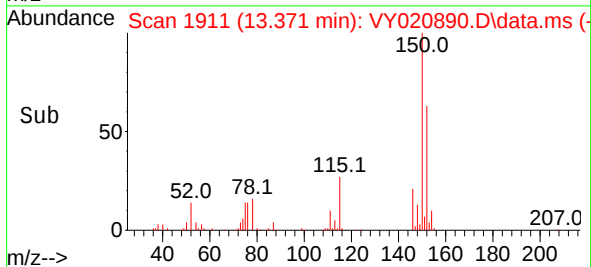
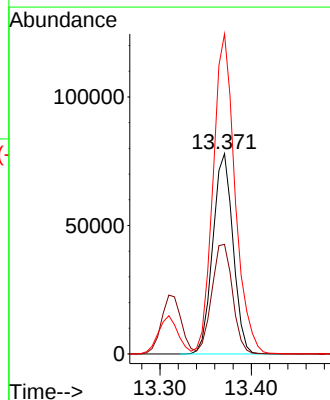
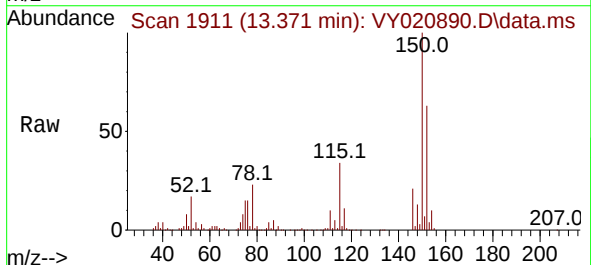
Tgt Ion:152 Resp: 119792

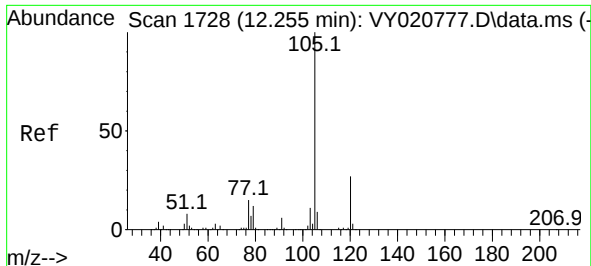
Ion Ratio Lower Upper

152 100

115 56.4 29.0 87.0

150 173.7 0.0 347.4

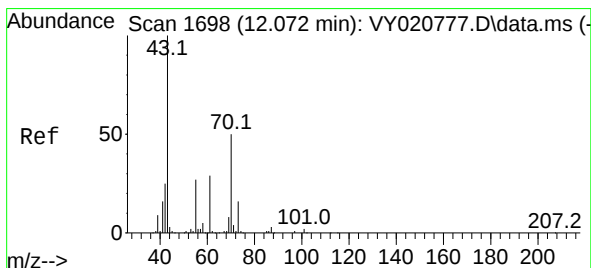
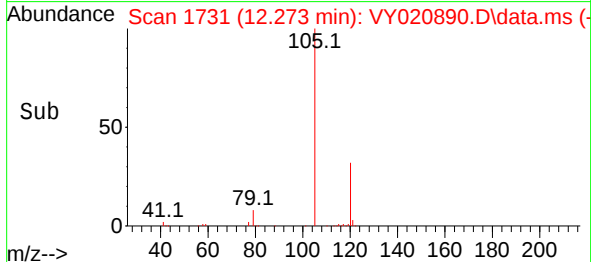
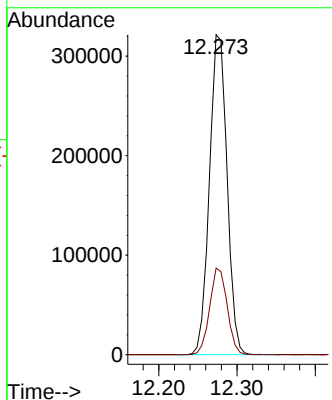
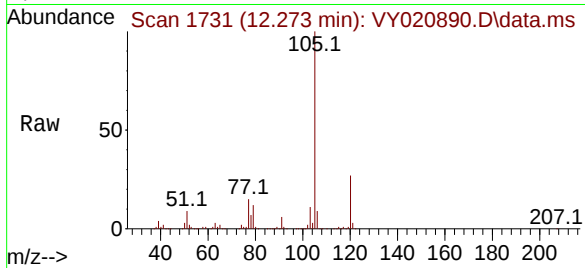




#73
Isopropylbenzene
Concen: 52.855 ug/l
RT: 12.273 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

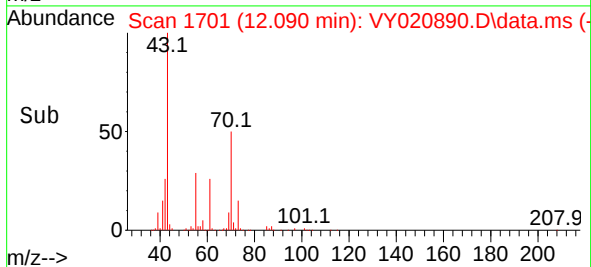
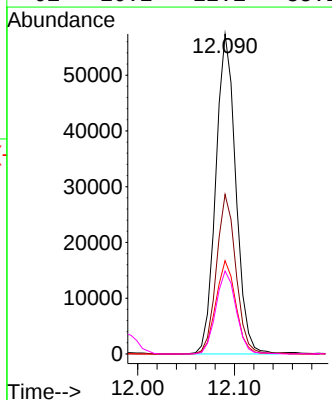
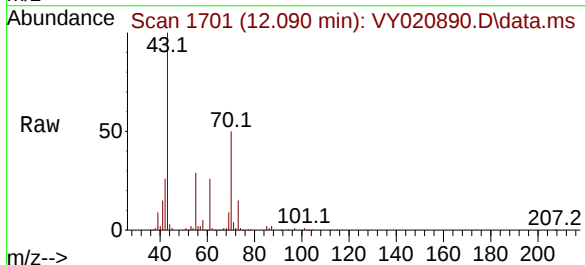
Instrument :
MSVOA_Y
ClientSampleId :

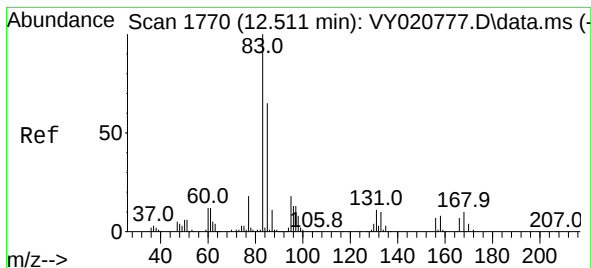
Tgt Ion:105 Resp: 502300
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 53.041 ug/l
RT: 12.090 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 43 Resp: 82453
Ion Ratio Lower Upper
43 100
70 48.5 40.2 60.4
55 29.2 21.2 31.8
61 26.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.906 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

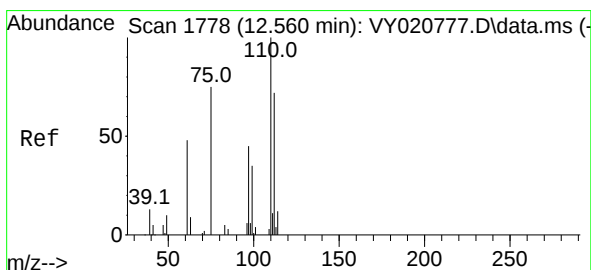
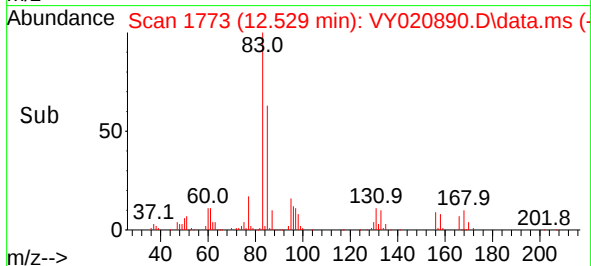
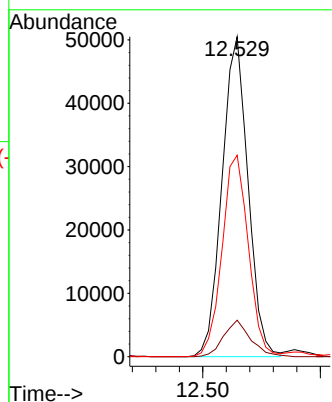
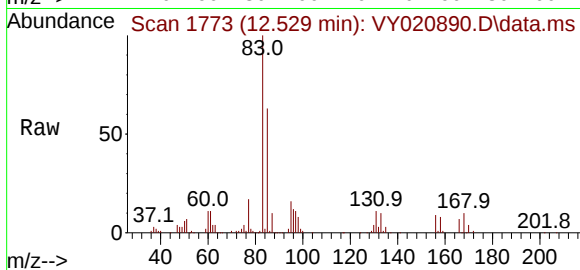
Tgt Ion: 83 Resp: 77645

Ion Ratio Lower Upper

83 100

131 11.8 6.0 18.0

85 63.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 94.382 ug/l

RT: 12.578 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY020890.D

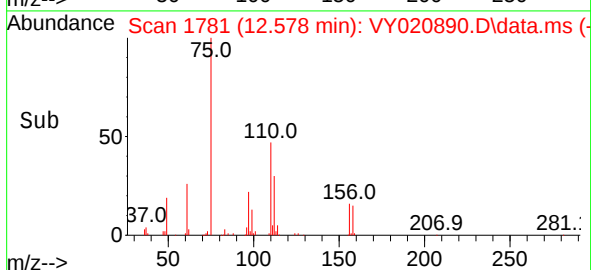
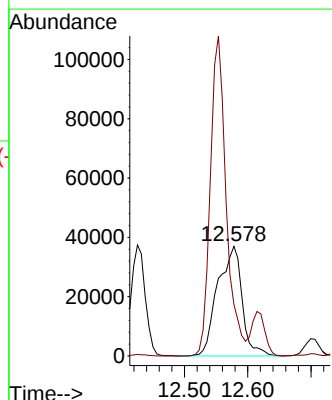
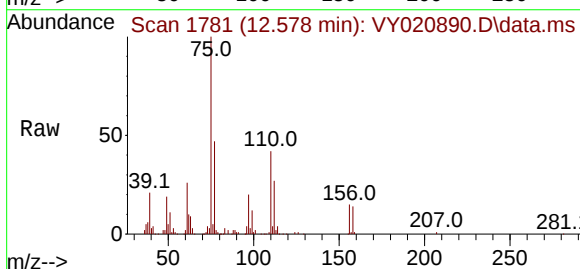
Acq: 22 Jan 2025 09:02

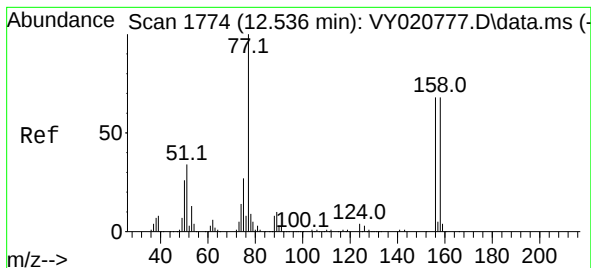
Tgt Ion: 75 Resp: 98927

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.414 ug/l

RT: 12.554 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

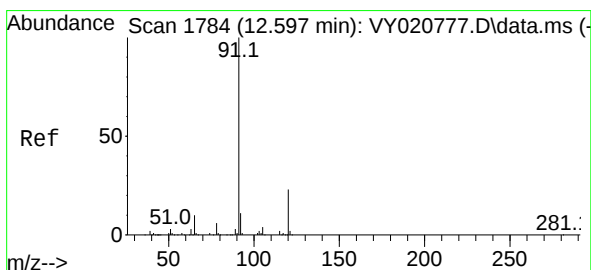
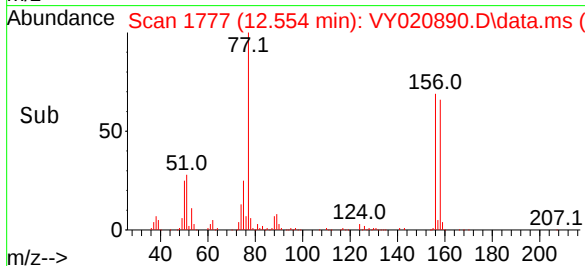
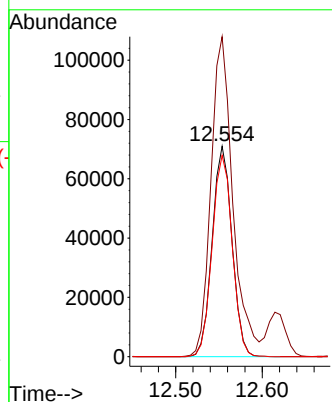
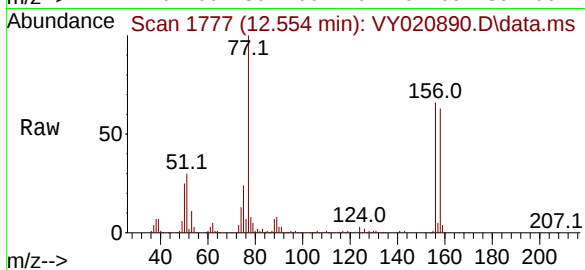
Tgt Ion:156 Resp: 112651

Ion Ratio Lower Upper

156 100

77 168.1 82.3 247.0

158 97.2 48.0 144.0



#78

n-propylbenzene

Concen: 54.097 ug/l

RT: 12.615 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VY020890.D

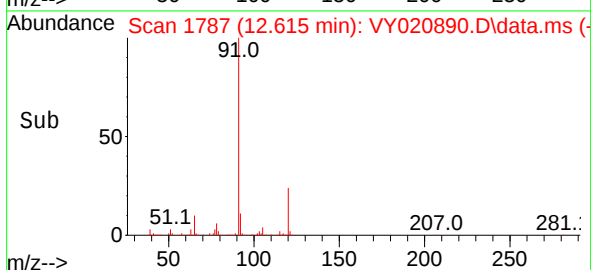
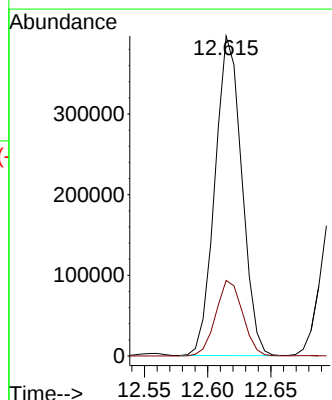
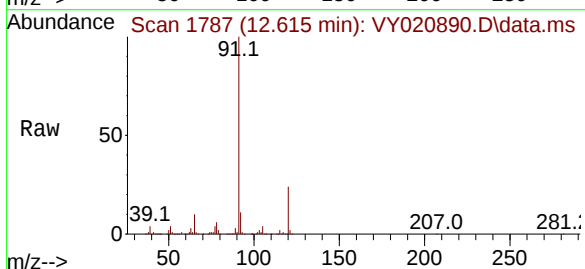
Acq: 22 Jan 2025 09:02

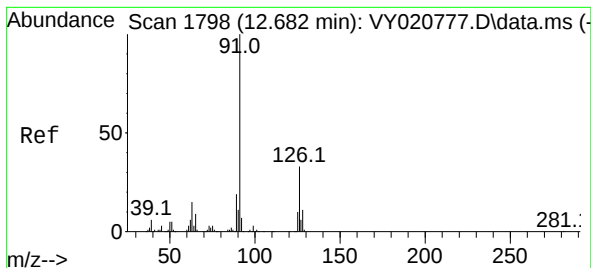
Tgt Ion: 91 Resp: 583526

Ion Ratio Lower Upper

91 100

120 23.6 12.0 36.1





#79

2-Chlorotoluene

Concen: 52.818 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

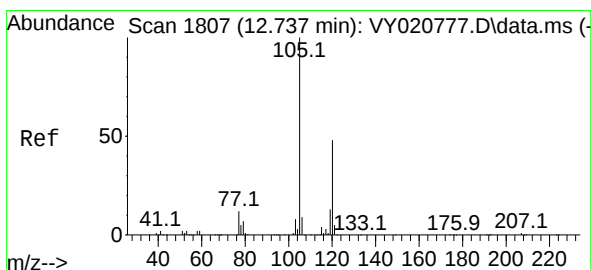
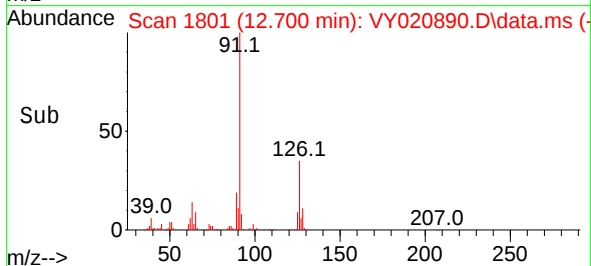
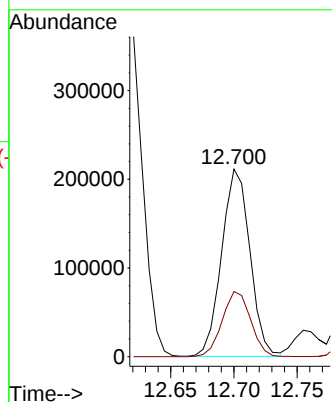
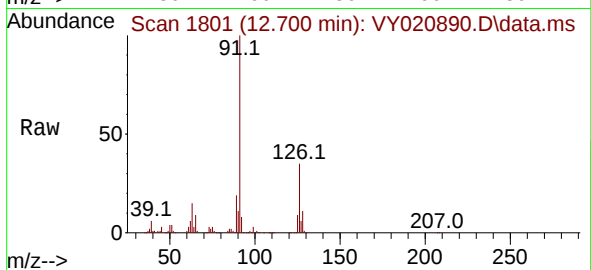
ClientSampleId :

Tgt Ion: 91 Resp: 328092

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.6



#80

1,3,5-Trimethylbenzene

Concen: 51.846 ug/l

RT: 12.755 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VY020890.D

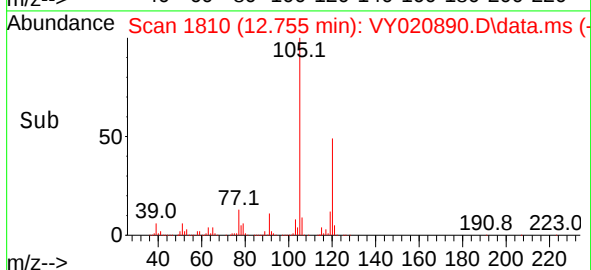
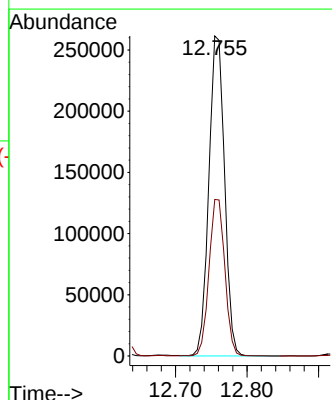
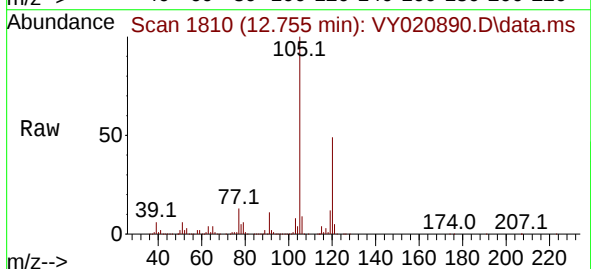
Acq: 22 Jan 2025 09:02

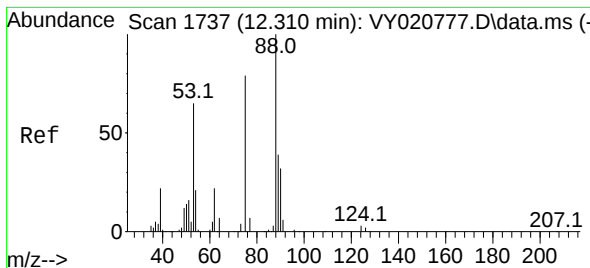
Tgt Ion:105 Resp: 399297

Ion Ratio Lower Upper

105 100

120 49.2 24.5 73.5

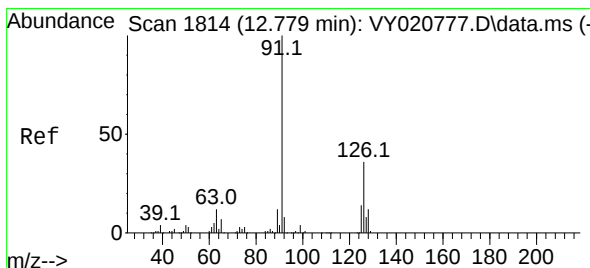
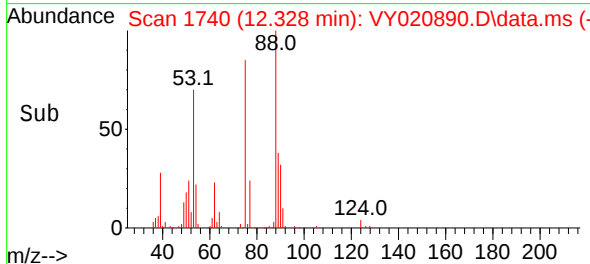
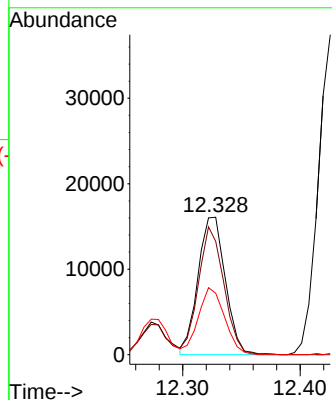
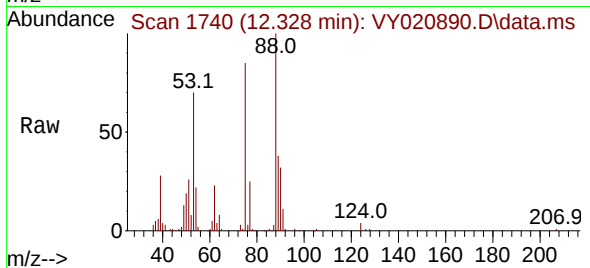




#81
trans-1,4-Dichloro-2-butene
Concen: 52.488 ug/l
RT: 12.328 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

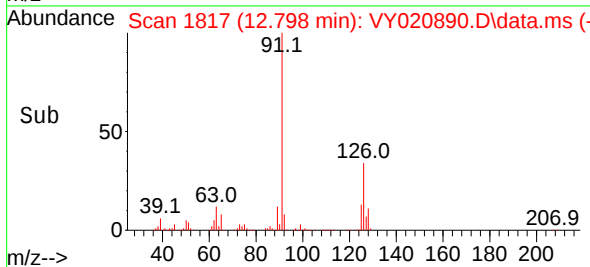
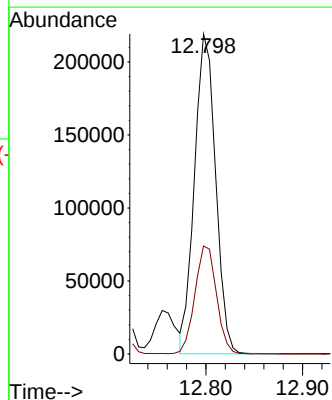
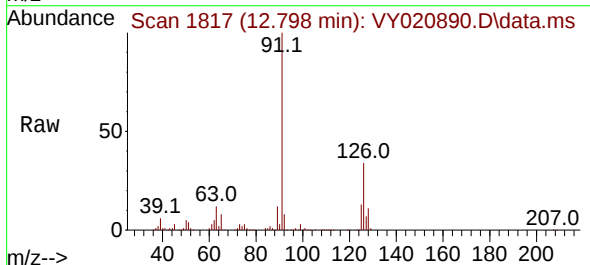
Instrument :
MSVOA_Y
ClientSampleId :

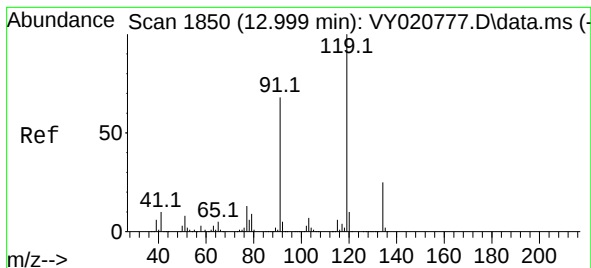
Tgt Ion: 75 Resp: 26092
Ion Ratio Lower Upper
75 100
53 86.8 69.4 104.0
89 46.9 39.6 59.4



#82
4-Chlorotoluene
Concen: 51.912 ug/l
RT: 12.798 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 91 Resp: 332778
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7





#83

tert-Butylbenzene

Concen: 51.462 ug/l

RT: 13.017 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

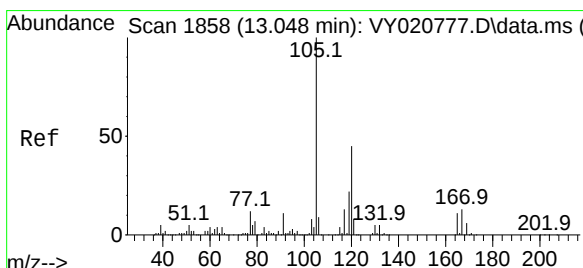
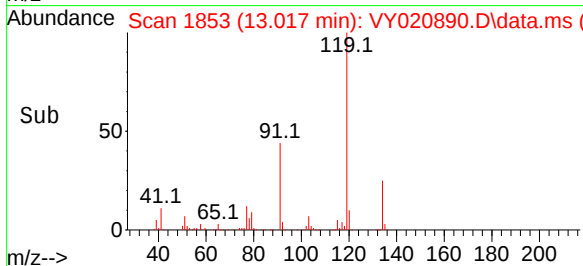
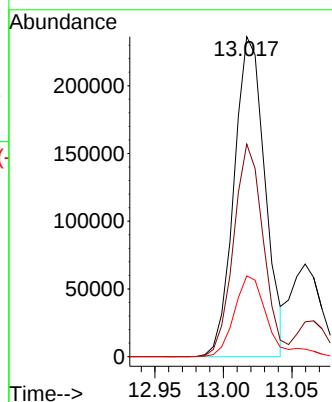
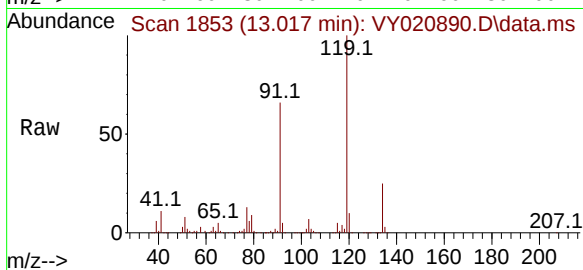
Tgt Ion:119 Resp: 370693

Ion Ratio Lower Upper

119 100

91 64.2 33.0 98.9

134 27.3 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 52.038 ug/l

RT: 13.066 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VY020890.D

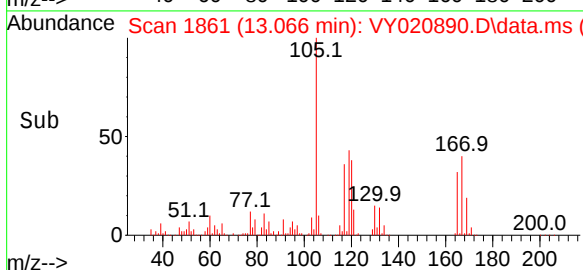
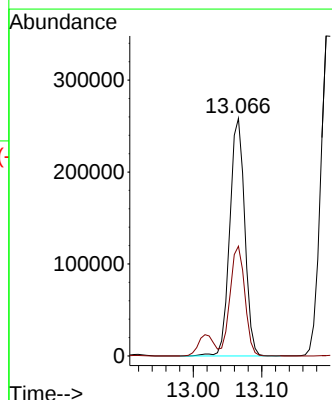
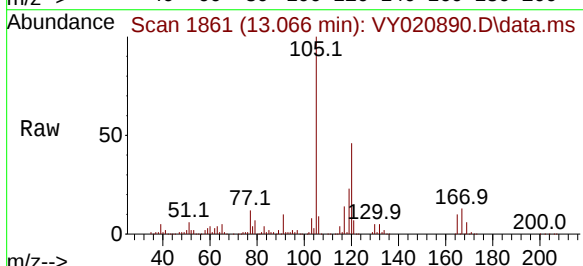
Acq: 22 Jan 2025 09:02

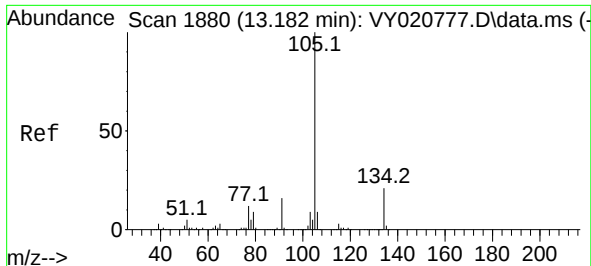
Tgt Ion:105 Resp: 391370

Ion Ratio Lower Upper

105 100

120 46.0 22.4 67.2





#85

sec-Butylbenzene

Concen: 53.583 ug/l

RT: 13.194 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

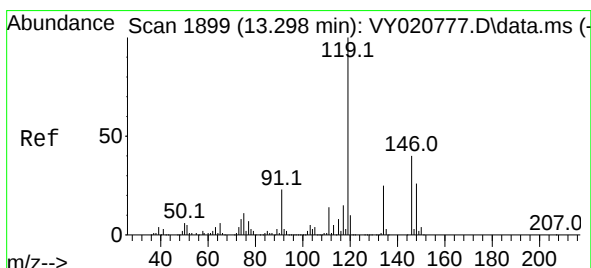
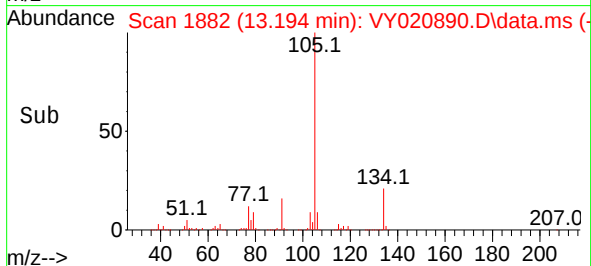
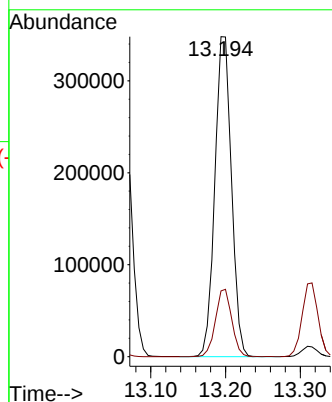
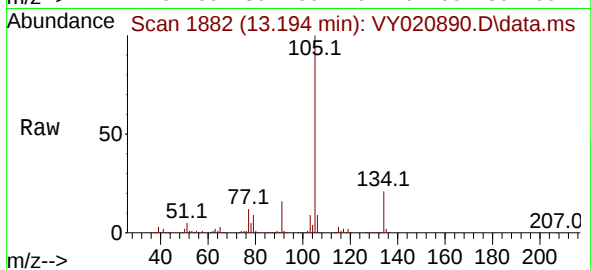
ClientSampleId :

Tgt Ion:105 Resp: 539123

Ion Ratio Lower Upper

105 100

134 20.7 10.5 31.5



#86

p-Isopropyltoluene

Concen: 52.372 ug/l

RT: 13.310 min Scan# 1901

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

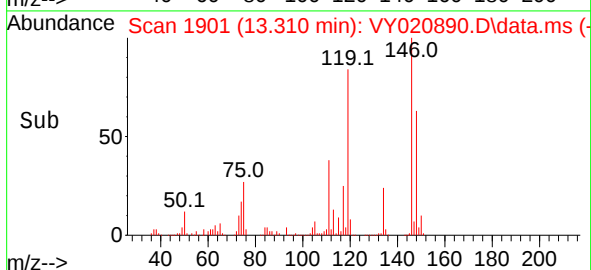
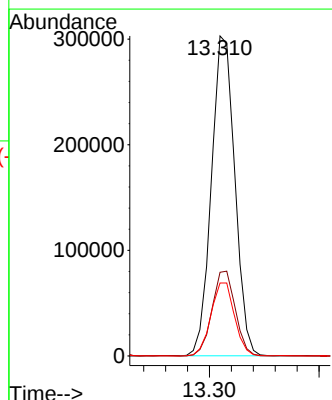
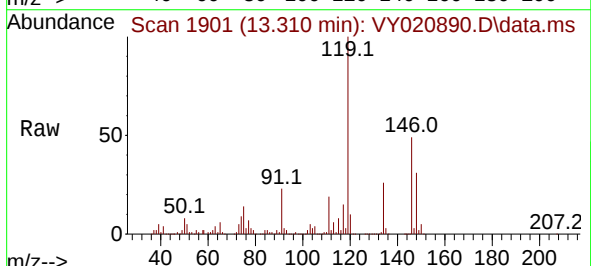
Tgt Ion:119 Resp: 449515

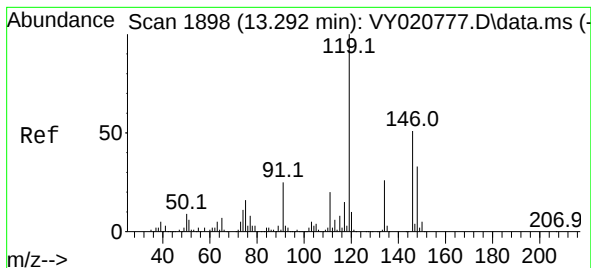
Ion Ratio Lower Upper

119 100

134 26.4 13.0 38.9

91 23.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 51.278 ug/l

RT: 13.310 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

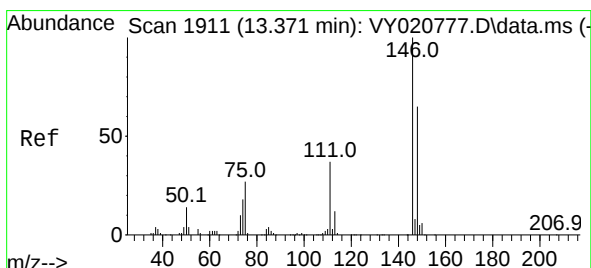
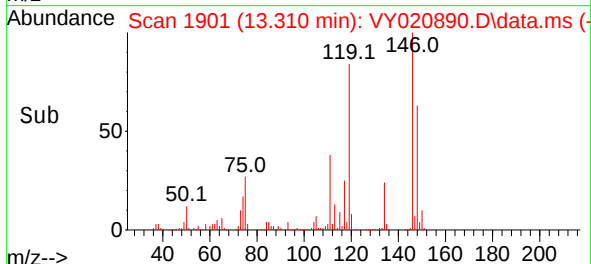
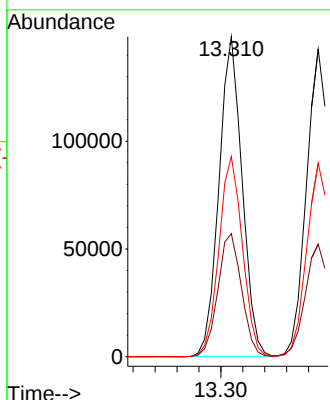
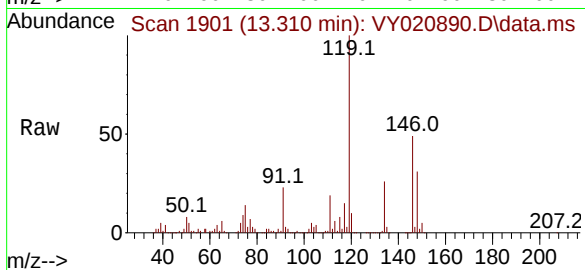
Tgt Ion:146 Resp: 218307

Ion Ratio Lower Upper

146 100

111 39.3 19.5 58.5

148 63.4 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 50.892 ug/l

RT: 13.389 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

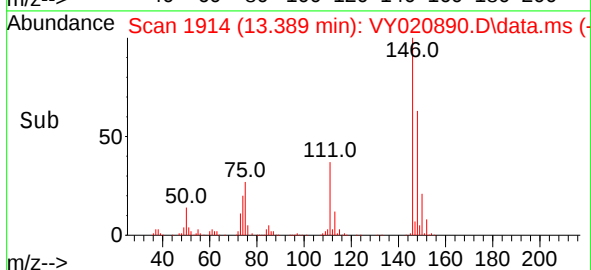
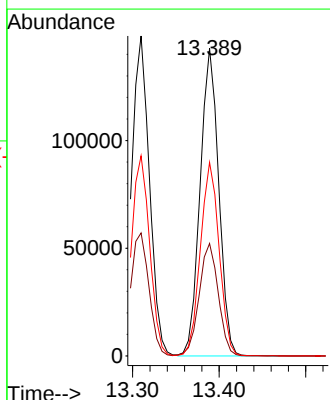
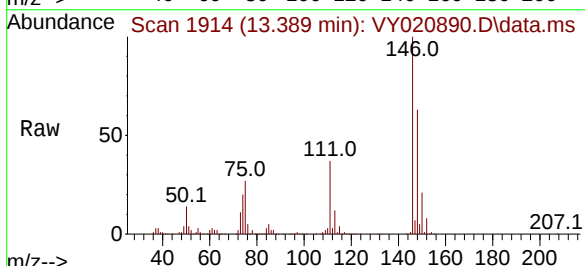
Tgt Ion:146 Resp: 213273

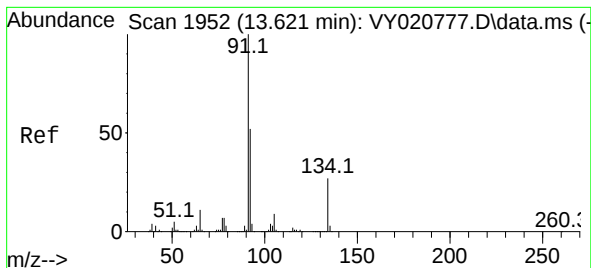
Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.3

148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 53.103 ug/l

RT: 13.639 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

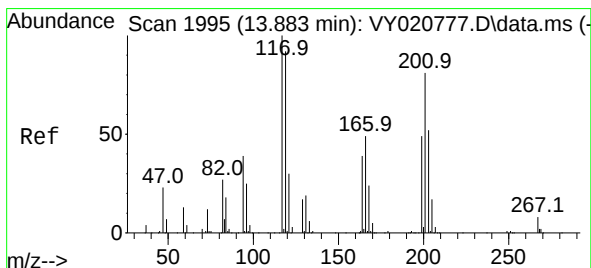
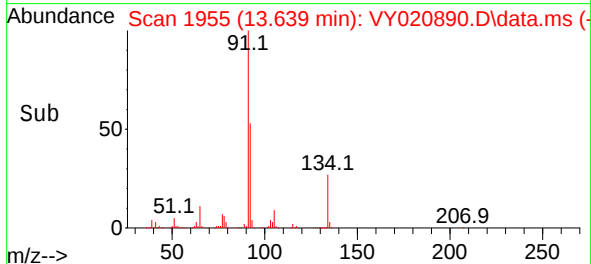
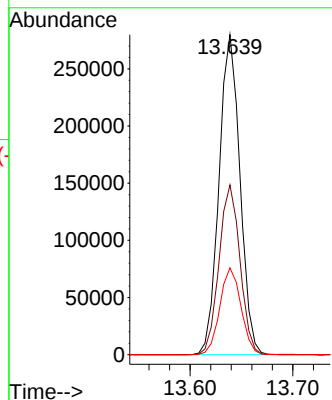
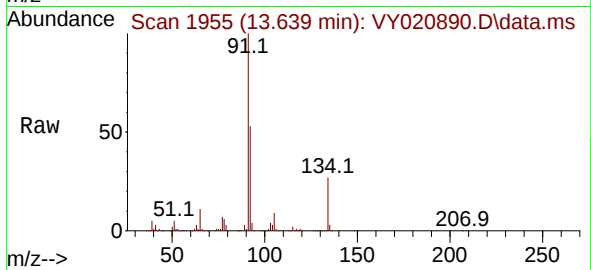
Tgt Ion: 91 Resp: 395420

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.4

134 27.4 13.8 41.4



#90

Hexachloroethane

Concen: 51.501 ug/l

RT: 13.901 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VY020890.D

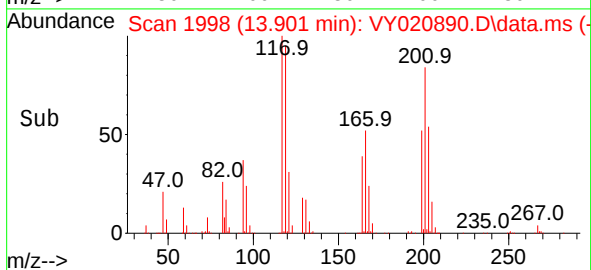
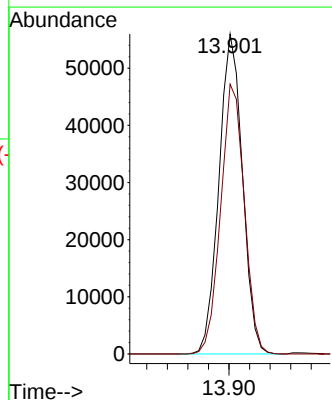
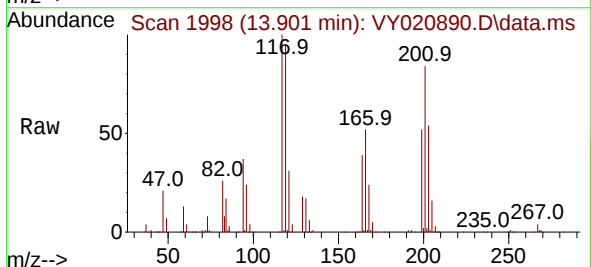
Acq: 22 Jan 2025 09:02

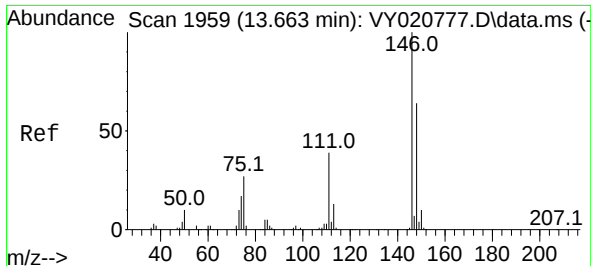
Tgt Ion: 117 Resp: 88761

Ion Ratio Lower Upper

117 100

201 84.8 42.9 128.7

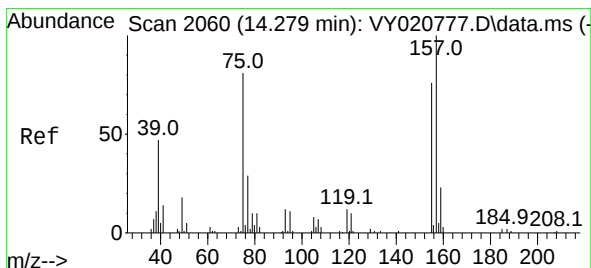
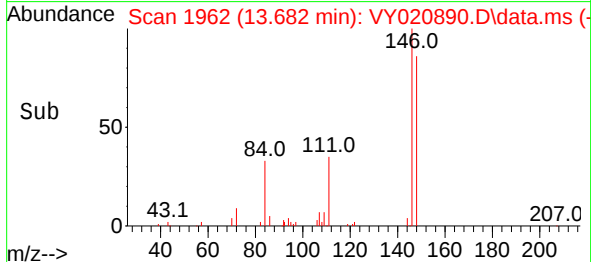
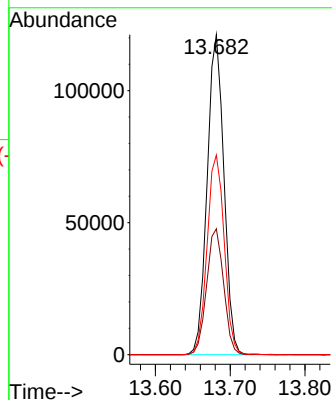
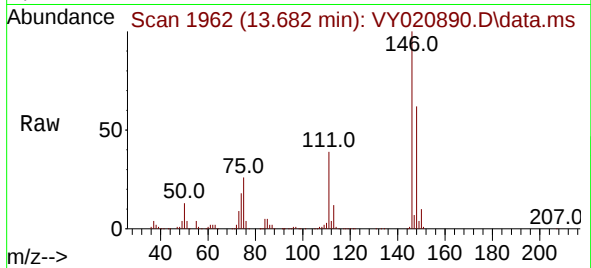




#91
1,2-Dichlorobenzene
Concen: 50.695 ug/l
RT: 13.682 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

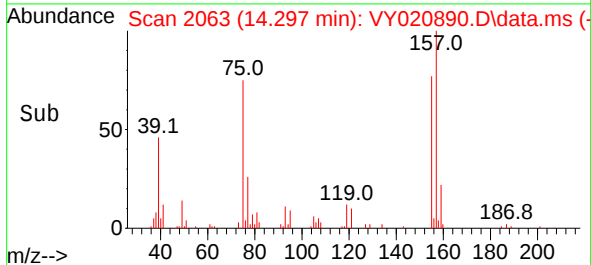
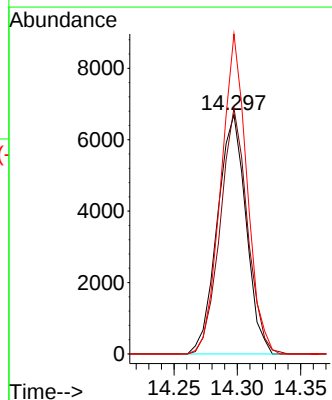
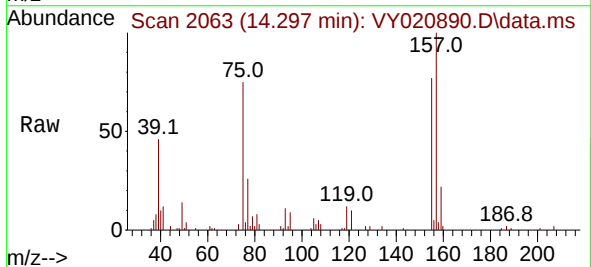
Instrument :
MSVOA_Y
ClientSampleId :

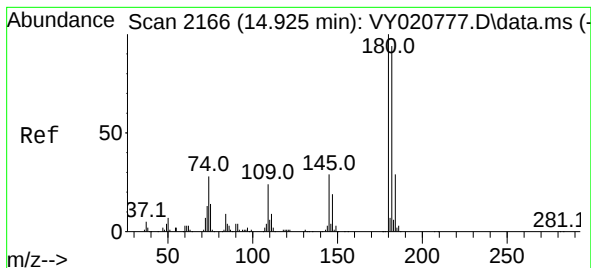
Tgt Ion:146 Resp: 188705
Ion Ratio Lower Upper
146 100
111 40.1 20.0 60.0
148 63.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.162 ug/l
RT: 14.297 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VY020890.D
Acq: 22 Jan 2025 09:02

Tgt Ion: 75 Resp: 10518
Ion Ratio Lower Upper
75 100
155 97.5 45.5 136.5
157 121.6 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 48.859 ug/l

RT: 14.943 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

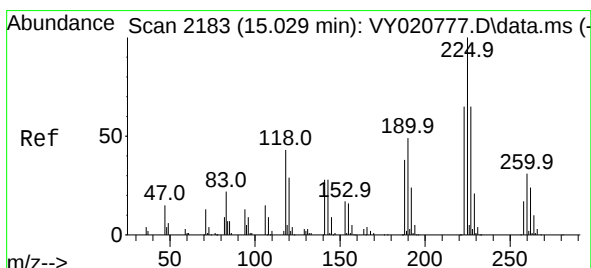
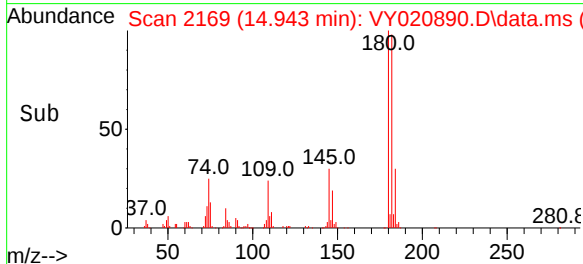
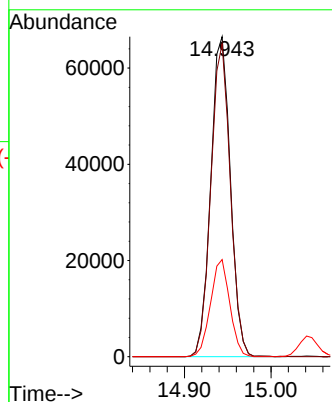
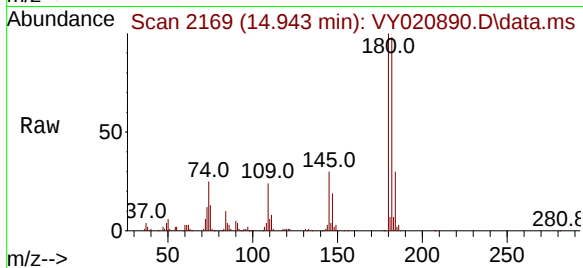
Tgt Ion:180 Resp: 104667

Ion Ratio Lower Upper

180 100

182 96.7 47.6 142.9

145 29.8 15.0 45.1



#94

Hexachlorobutadiene

Concen: 48.650 ug/l

RT: 15.047 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

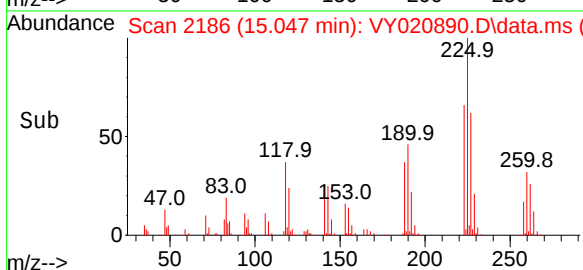
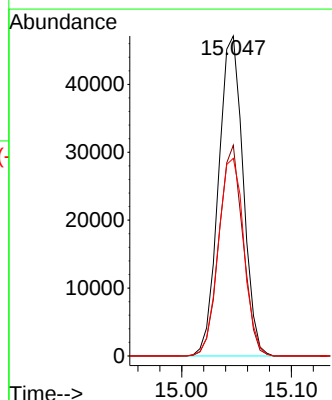
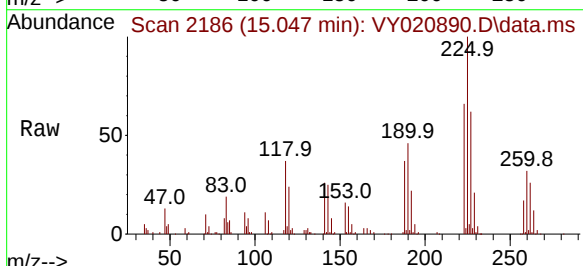
Tgt Ion:225 Resp: 73471

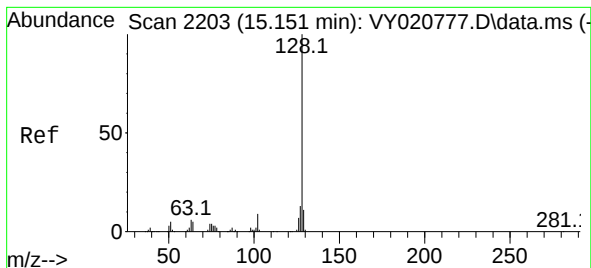
Ion Ratio Lower Upper

225 100

223 64.0 31.6 94.8

227 64.4 32.2 96.6





#95

Naphthalene

Concen: 46.993 ug/l

RT: 15.169 min Scan# 2206

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Instrument :

MSVOA_Y

ClientSampleId :

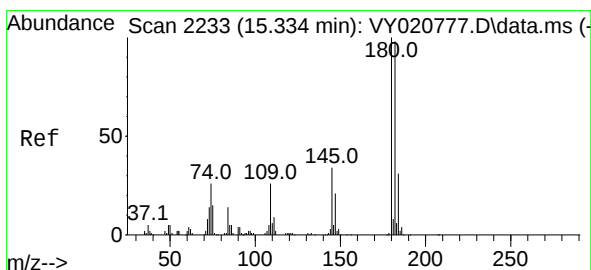
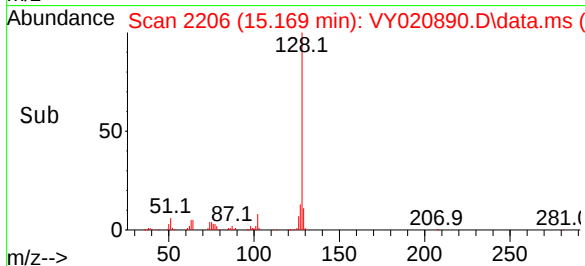
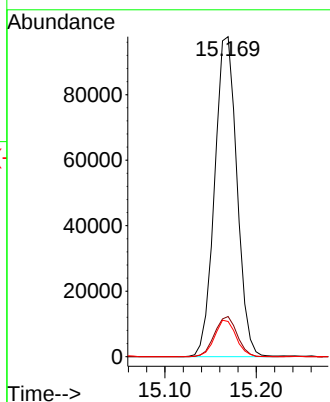
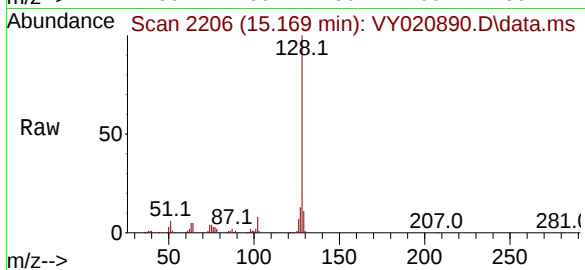
Tgt Ion:128 Resp: 165688

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.543 ug/l

RT: 15.352 min Scan# 2236

Delta R.T. 0.000 min

Lab File: VY020890.D

Acq: 22 Jan 2025 09:02

Tgt Ion:180 Resp: 85328

Ion Ratio Lower Upper

180 100

182 95.7 48.1 144.3

145 31.8 16.1 48.2

