

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013125\
 Data File : VY021001.D
 Acq On : 31 Jan 2025 10:46
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 22:21:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y013025S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 31 16:50:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	219188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	316060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	271150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	138168	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	80477	43.124	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.240%
35) Dibromofluoromethane	7.646	113	83444	43.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.840%
50) Toluene-d8	10.115	98	318309	42.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.840%
62) 4-Bromofluorobenzene	12.414	95	109143	43.858	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.720%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	34125	18.310	ug/l	98
3) Chloromethane	2.074	50	18910	15.959	ug/l	95
4) Vinyl Chloride	2.214	62	20254	16.578	ug/l	98
5) Bromomethane	2.604	94	14241	17.219	ug/l	90
6) Chloroethane	2.745	64	11383	15.950	ug/l	93
7) Trichlorofluoromethane	3.068	101	54675	18.545	ug/l	95
8) Diethyl Ether	3.464	74	16889	19.188	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	36711	18.491	ug/l	98
10) Methyl Iodide	4.019	142	37025	16.297	ug/l	100
11) Tert butyl alcohol	4.866	59	13767	100.989	ug/l	96
12) 1,1-Dichloroethene	3.799	96	34412	18.548	ug/l	95
13) Acrolein	3.665	56	17226	109.732	ug/l	99
14) Allyl chloride	4.397	41	44788	17.535	ug/l	99
15) Acrylonitrile	5.074	53	34005	93.924	ug/l	98
16) Acetone	3.873	43	24531	96.444	ug/l	90
17) Carbon Disulfide	4.116	76	100462	17.581	ug/l	100
18) Methyl Acetate	4.397	43	16671	18.731	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	82445	19.092	ug/l	99
20) Methylene Chloride	4.628	84	35040	18.678	ug/l	98
21) trans-1,2-Dichloroethene	5.122	96	36529	18.364	ug/l	96
22) Diisopropyl ether	6.031	45	94519	18.154	ug/l	99
23) Vinyl Acetate	5.976	43	264012	91.568	ug/l	95
24) 1,1-Dichloroethane	5.927	63	60197	17.922	ug/l	100
25) 2-Butanone	6.902	43	39249	90.960	ug/l	94
26) 2,2-Dichloropropane	6.896	77	59401	17.962	ug/l	98
27) cis-1,2-Dichloroethene	6.902	96	42452	18.567	ug/l	97
28) Bromochloromethane	7.256	49	23779	19.002	ug/l	96
29) Tetrahydrofuran	7.274	42	26863	92.516	ug/l	97
30) Chloroform	7.433	83	67174	18.465	ug/l	98
31) Cyclohexane	7.707	56	56695	17.269	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	66158	18.791	ug/l	99
36) 1,1-Dichloropropene	7.841	75	48543	17.908	ug/l	98
37) Ethyl Acetate	6.988	43	18466	18.273	ug/l #	96
38) Carbon Tetrachloride	7.823	117	63622	18.966	ug/l	97
39) Methylcyclohexane	9.115	83	63460	17.427	ug/l	96
40) Benzene	8.091	78	146733	18.397	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	10366	18.539	ug/l	93
42) 1,2-Dichloroethane	8.164	62	38336	18.952	ug/l	97
43) Isopropyl Acetate	8.207	43	36636	18.146	ug/l #	82
44) Trichloroethene	8.872	130	41156	18.700	ug/l	92
45) 1,2-Dichloropropane	9.146	63	31670	17.715	ug/l	97
46) Dibromomethane	9.237	93	19494	18.738	ug/l	99
47) Bromodichloromethane	9.432	83	50693	18.555	ug/l #	95
48) Methyl methacrylate	9.225	41	17074	17.763	ug/l	94
49) 1,4-Dioxane	9.237	88	4345	393.040	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	94633	91.221	ug/l	98
52) Toluene	10.176	92	95555	18.457	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	45832	18.538	ug/l	94
54) cis-1,3-Dichloropropene	9.865	75	53636	18.151	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	26604	19.229	ug/l	96
56) Ethyl methacrylate	10.444	69	33417	18.478	ug/l	97
57) 1,3-Dichloropropane	10.725	76	42761	18.235	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	73769	96.105	ug/l	96
59) 2-Hexanone	10.768	43	61899	91.796	ug/l	98
60) Dibromochloromethane	10.920	129	37317	18.917	ug/l	96
61) 1,2-Dibromoethane	11.024	107	25663	19.420	ug/l	98
64) Tetrachloroethene	10.652	164	37692	18.428	ug/l	96
65) Chlorobenzene	11.450	112	105768	18.514	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.524	131	38328	18.904	ug/l	99
67) Ethyl Benzene	11.524	91	182865	18.487	ug/l	100
68) m/p-Xylenes	11.633	106	139228	36.636	ug/l	98
69) o-Xylene	11.963	106	66070	18.702	ug/l	99
70) Styrene	11.975	104	110718	18.876	ug/l	99
71) Bromoform	12.139	173	23475	19.645	ug/l #	98
73) Isopropylbenzene	12.261	105	177342	18.275	ug/l	99
74) N-amyl acetate	12.078	43	30669	17.356	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.511	83	29207	18.646	ug/l	98
76) 1,2,3-Trichloropropane	12.566	75	37546	34.327	ug/l #	100
77) Bromobenzene	12.542	156	43158	18.759	ug/l	98
78) n-propylbenzene	12.603	91	208685	18.349	ug/l	99
79) 2-Chlorotoluene	12.688	91	119160	18.390	ug/l	97
80) 1,3,5-Trimethylbenzene	12.743	105	147429	18.544	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	9606	18.231	ug/l	94
82) 4-Chlorotoluene	12.786	91	123402	18.608	ug/l	100
83) tert-Butylbenzene	13.005	119	133190	18.064	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	146737	18.895	ug/l	99
85) sec-Butylbenzene	13.182	105	191584	18.353	ug/l	98
86) p-Isopropyltoluene	13.298	119	163287	18.613	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	84760	18.895	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	82639	18.552	ug/l	98
89) n-Butylbenzene	13.627	91	140411	17.869	ug/l	99
90) Hexachloroethane	13.889	117	32082	18.077	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	73071	18.679	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4222	17.507	ug/l	91
93) 1,2,4-Trichlorobenzene	14.931	180	41991	17.531	ug/l	99
94) Hexachlorobutadiene	15.035	225	29704	17.906	ug/l	100
95) Naphthalene	15.151	128	68864	18.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	35875	18.610	ug/l	96

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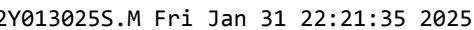
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MSVOA_Y
ClientSampleId :

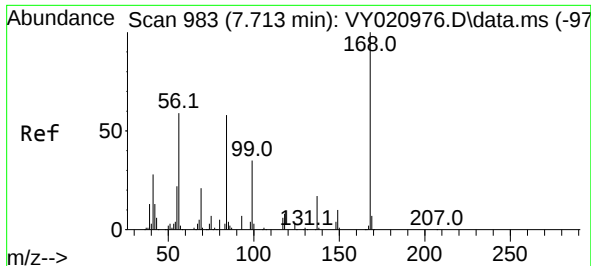
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Quant Title : SW846 8260
QLast Update : Fri Jan 31 16:50:06 2025
Response via : Initial Calibration

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

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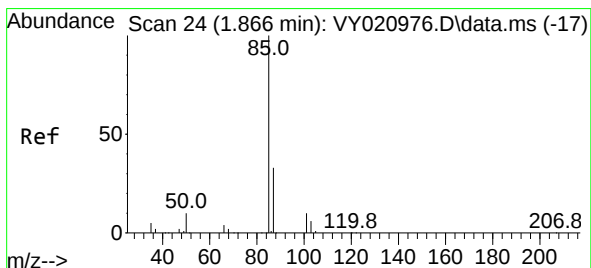
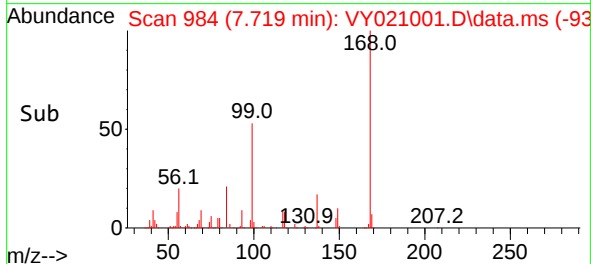
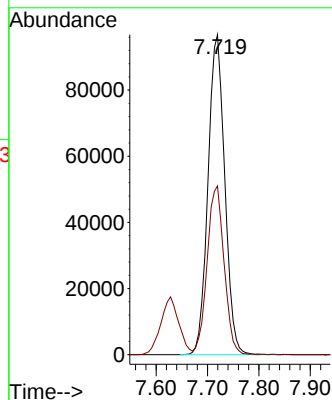
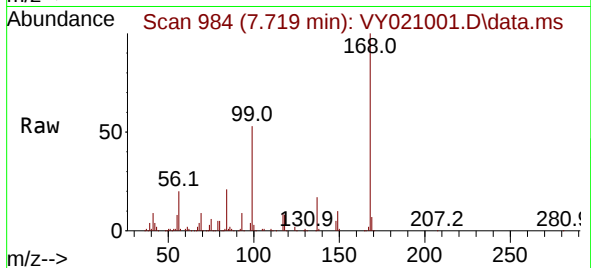




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021001.D
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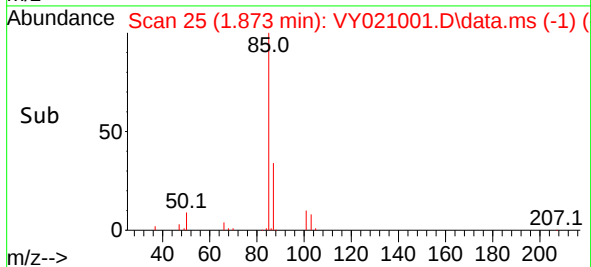
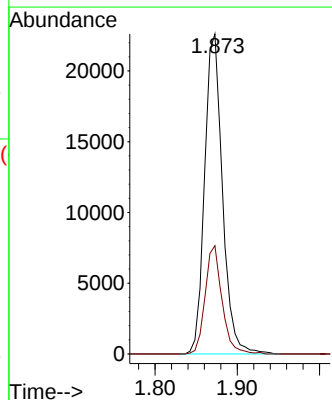
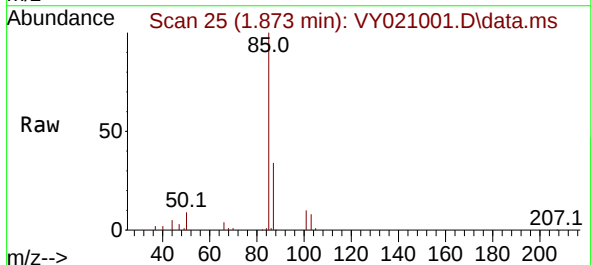
Instrument :
MSVOA_Y
ClientSampleId :

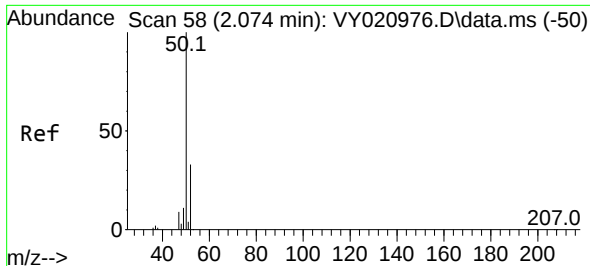
Tgt Ion:168 Resp: 219188
Ion Ratio Lower Upper
168 100
99 52.8 42.2 63.2



#2
Dichlorodifluoromethane
Concen: 18.310 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 85 Resp: 34125
Ion Ratio Lower Upper
85 100
87 33.9 16.3 48.9

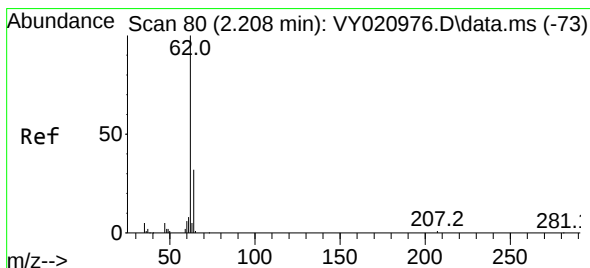
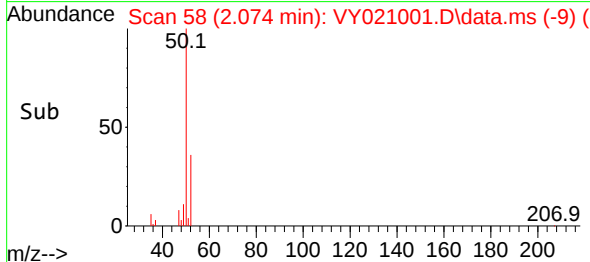
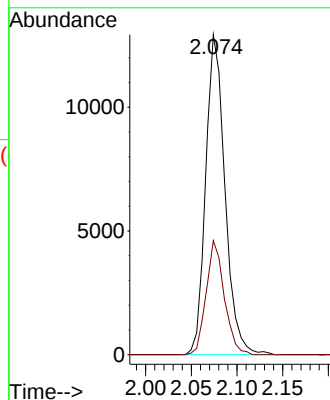
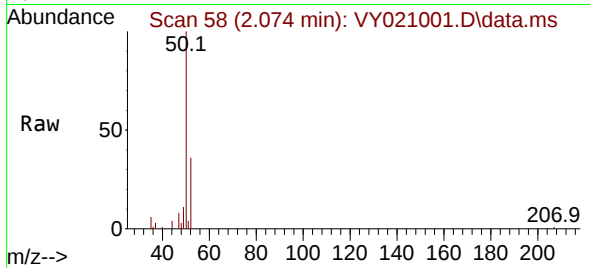




#3
Chloromethane
Concen: 15.959 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

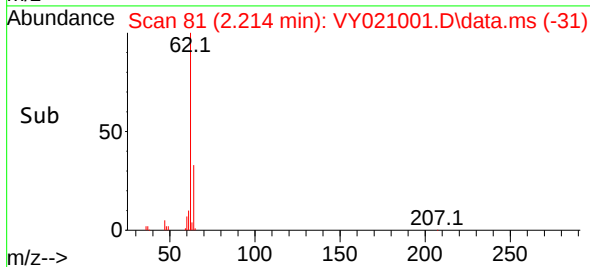
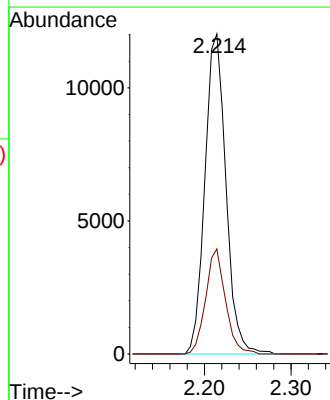
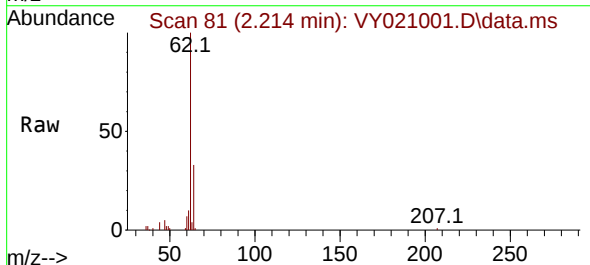
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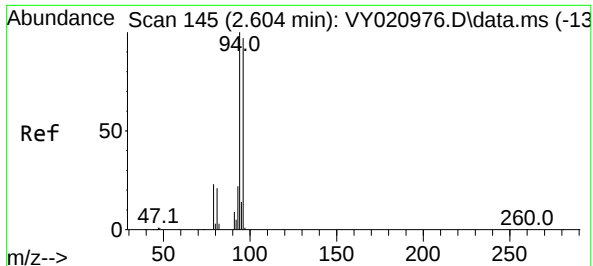
Tgt Ion: 50 Resp: 18910
Ion Ratio Lower Upper
50 100
52 35.7 26.3 39.5



#4
Vinyl Chloride
Concen: 16.578 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 62 Resp: 20254
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.2

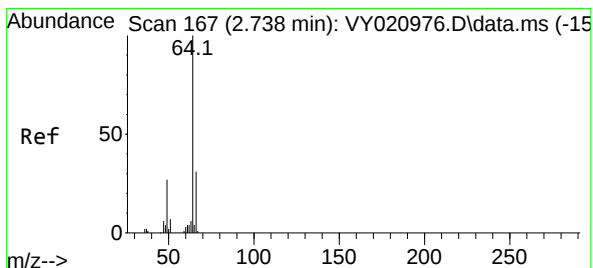
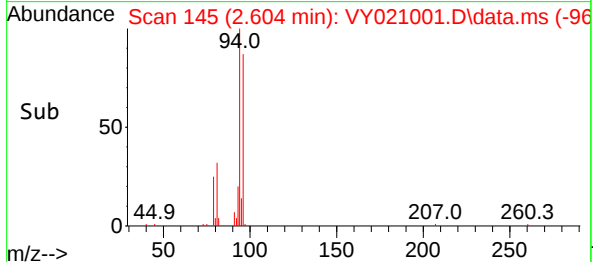
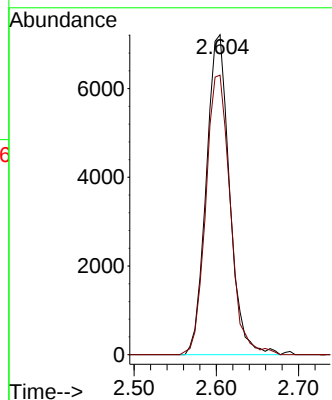
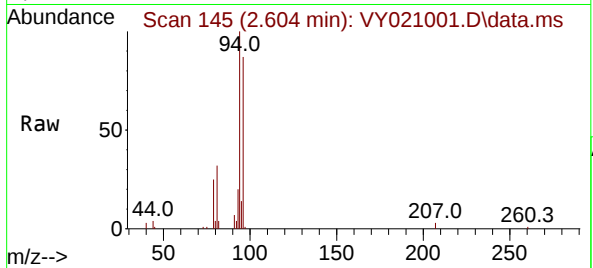




#5
Bromomethane
Concen: 17.219 ug/l
RT: 2.604 min Scan# 145
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

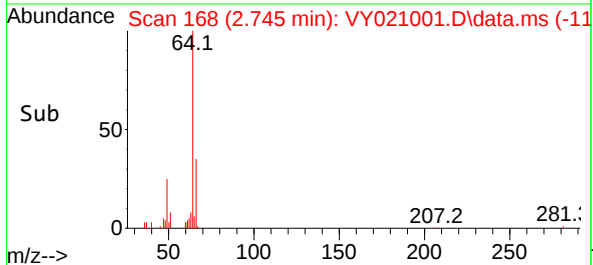
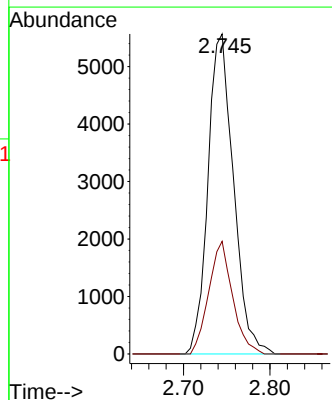
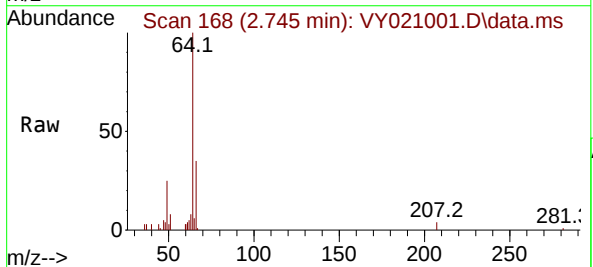
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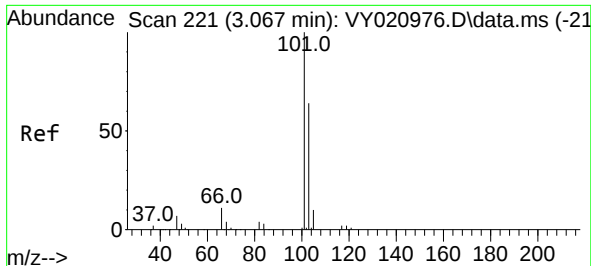
Tgt Ion: 94 Resp: 14241
Ion Ratio Lower Upper
94 100
96 87.4 77.4 116.0



#6
Chloroethane
Concen: 15.950 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 64 Resp: 11383
Ion Ratio Lower Upper
64 100
66 35.2 25.0 37.4

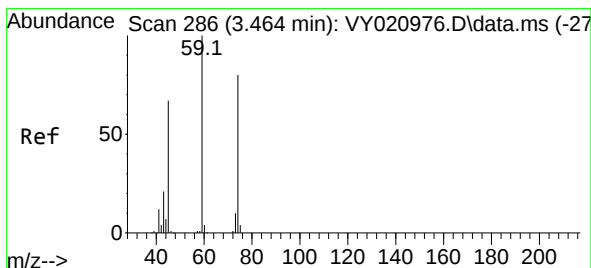
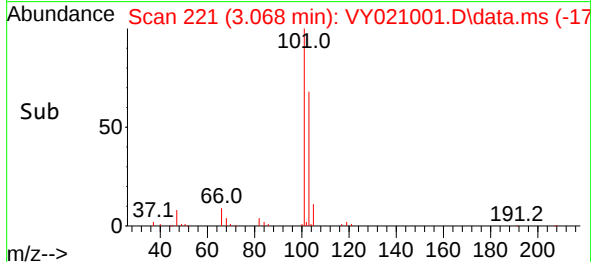
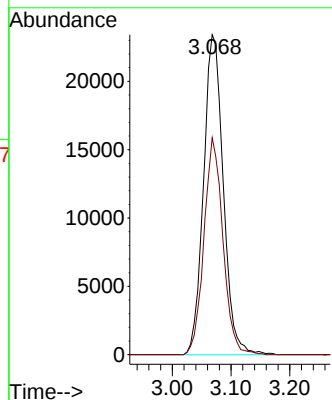
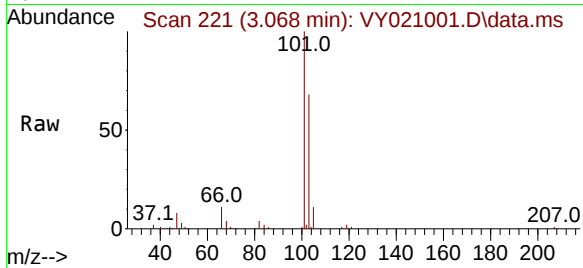




#7
 Trichlorofluoromethane
 Concen: 18.545 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY021001.D
 Acq: 31 Jan 2025 10:46

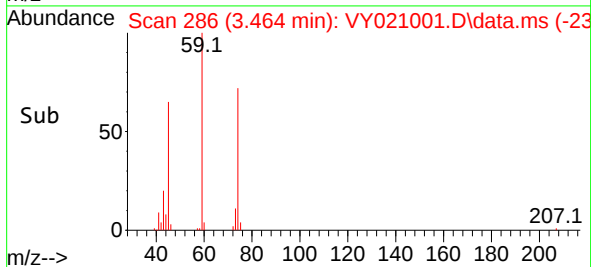
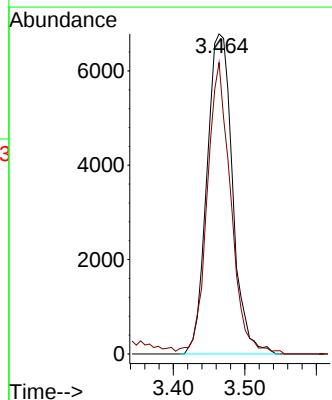
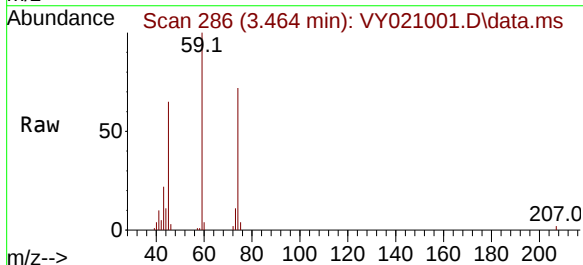
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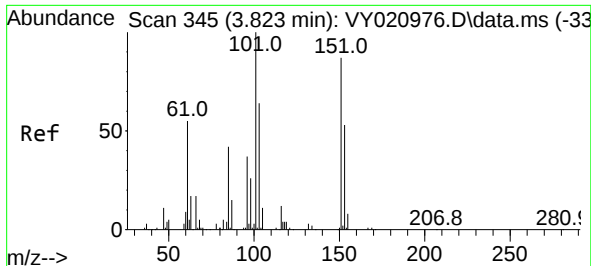
Tgt Ion:101 Resp: 54675
 Ion Ratio Lower Upper
 101 100
 103 67.8 50.9 76.3



#8
 Diethyl Ether
 Concen: 19.188 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY021001.D
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Tgt Ion: 74 Resp: 16889
 Ion Ratio Lower Upper
 74 100
 45 83.9 43.4 130.2

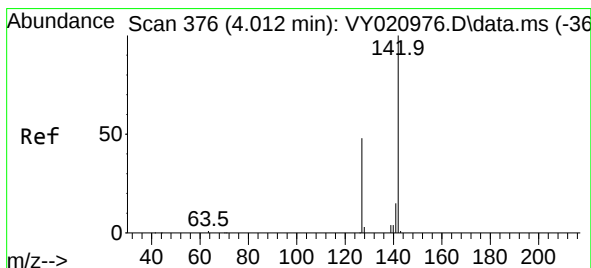
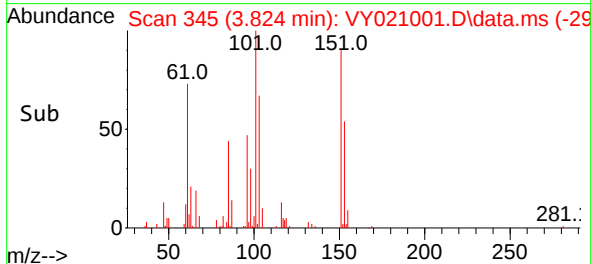
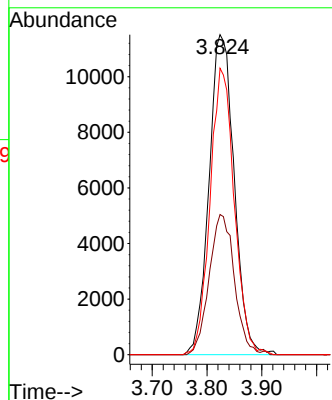
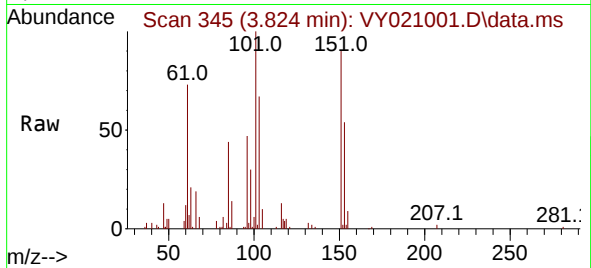




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.491 ug/l
RT: 3.824 min Scan# 345
Delta R.T. 0.000 min
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Acq: 31 Jan 2025 10:46

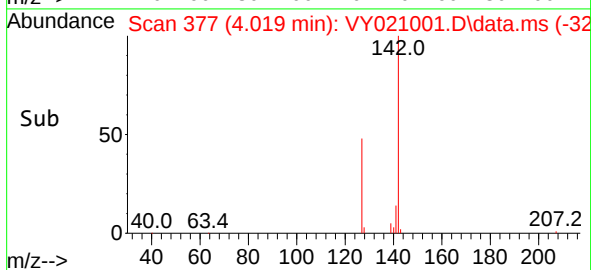
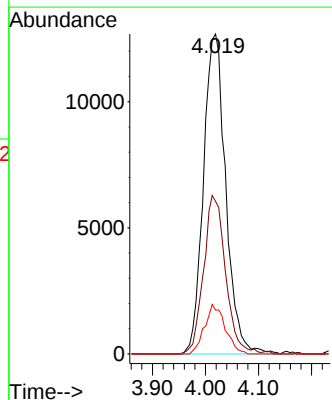
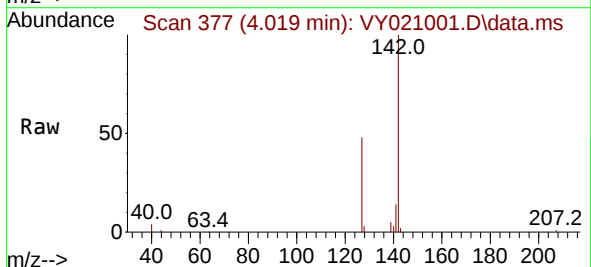
Instrument :
MSVOA_Y
ClientSampleId :

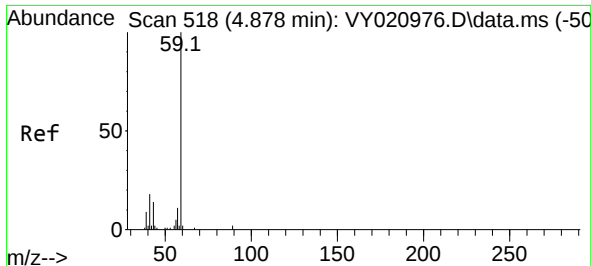
Tgt Ion:101 Resp: 36711
Ion Ratio Lower Upper
101 100
85 44.0 34.9 52.3
151 86.0 66.8 100.2



#10
Methyl Iodide
Concen: 16.297 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion:142 Resp: 37025
Ion Ratio Lower Upper
142 100
127 48.7 38.9 58.3
141 14.3 11.7 17.5

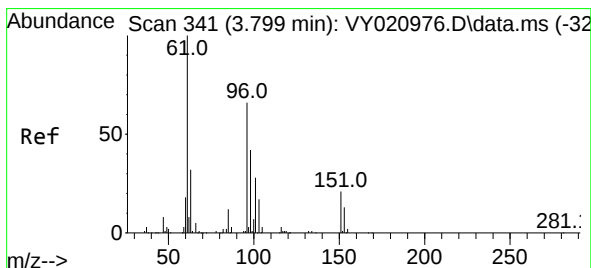
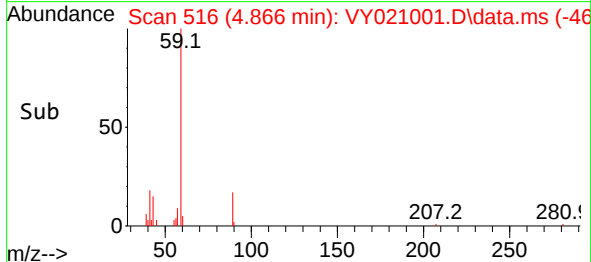
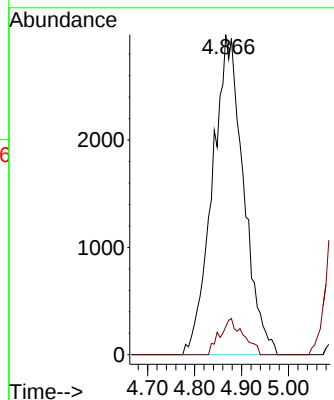
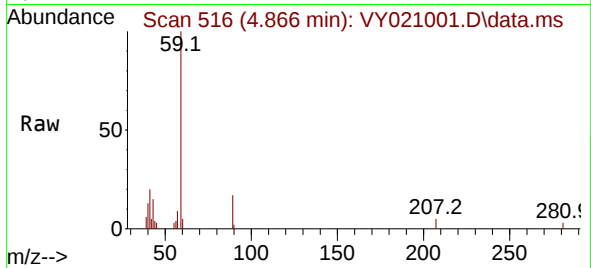




#11
Tert butyl alcohol
Concen: 100.989 ug/l
RT: 4.866 min Scan# 518
Delta R.T. -0.012 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

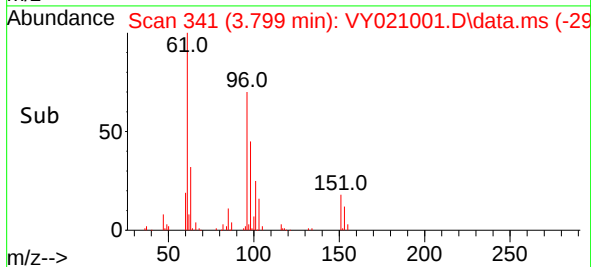
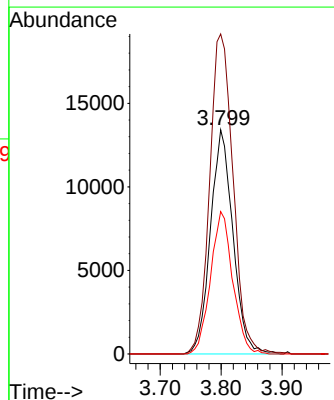
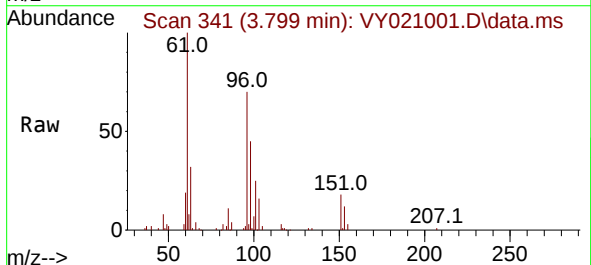
Instrument :
MSVOA_Y
ClientSampleId :

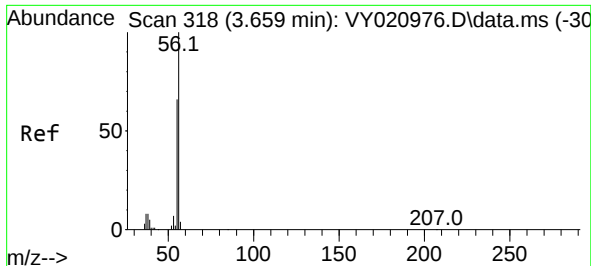
Tgt Ion: 59 Resp: 13767
Ion Ratio Lower Upper
59 100
57 8.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 18.548 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

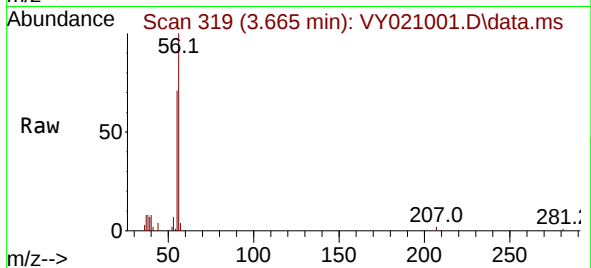
Tgt Ion: 96 Resp: 34412
Ion Ratio Lower Upper
96 100
61 142.8 120.8 181.2
98 63.5 50.6 76.0



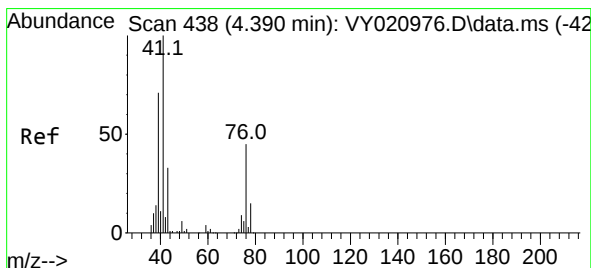
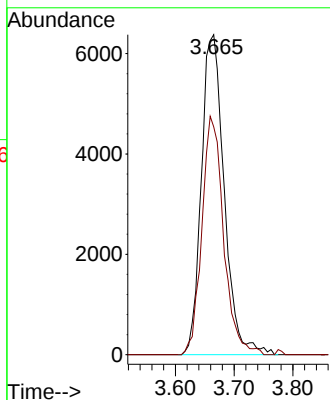
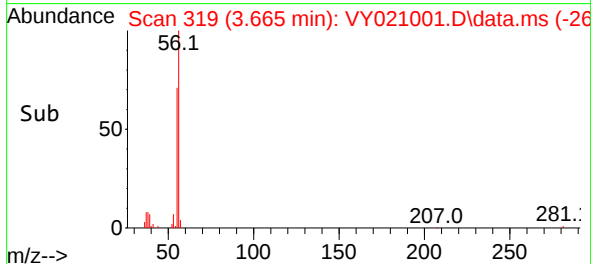


#13
Acrolein
Concen: 109.732 ug/l
RT: 3.665 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

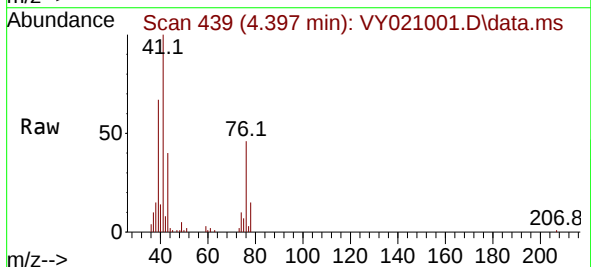
Instrument :
MSVOA_Y
ClientSampleId :



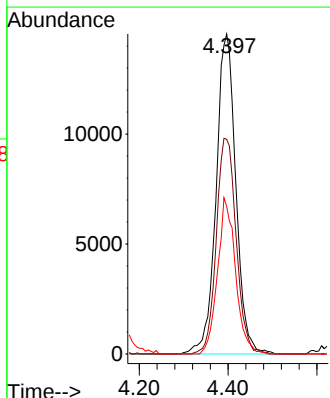
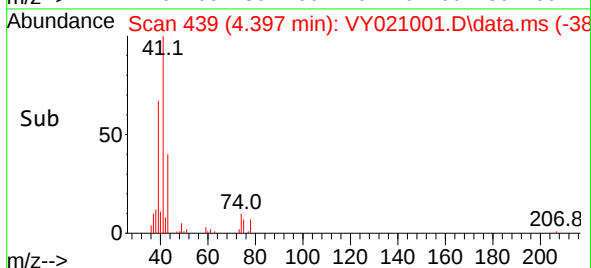
Tgt Ion: 56 Resp: 17226
Ion Ratio Lower Upper
56 100
55 70.8 56.1 84.1

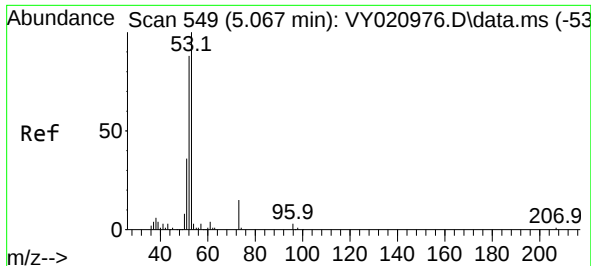


#14
Allyl chloride
Concen: 17.535 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46



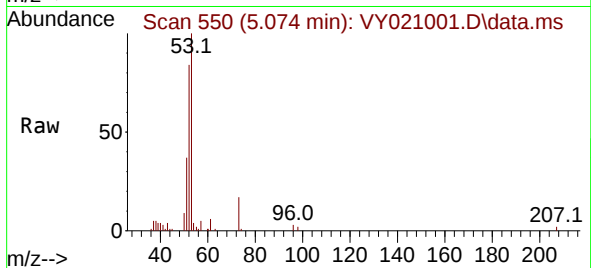
Tgt Ion: 41 Resp: 44788
Ion Ratio Lower Upper
41 100
39 67.7 53.5 80.3
76 44.4 34.6 52.0



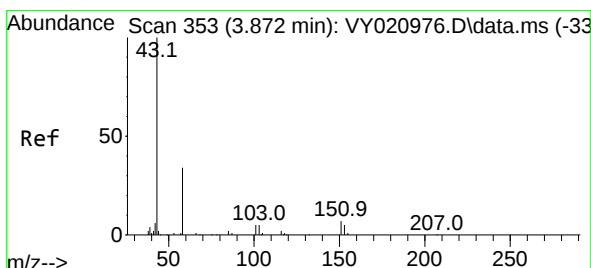
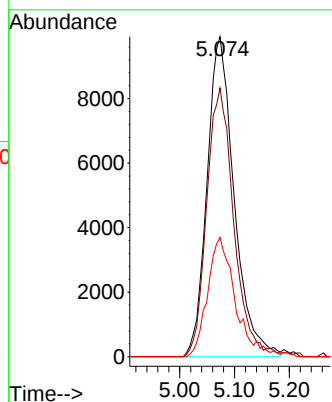
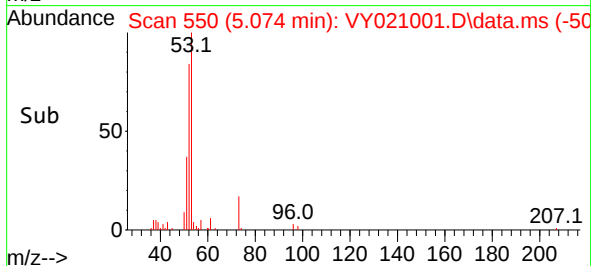


#15
Acrylonitrile
Concen: 93.924 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Instrument :
MSVOA_Y
ClientSampleId :

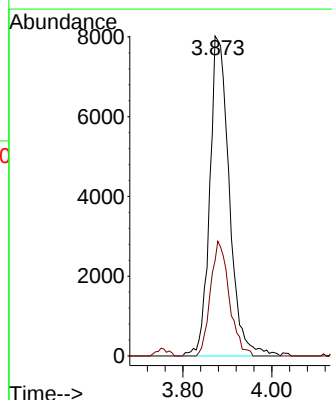
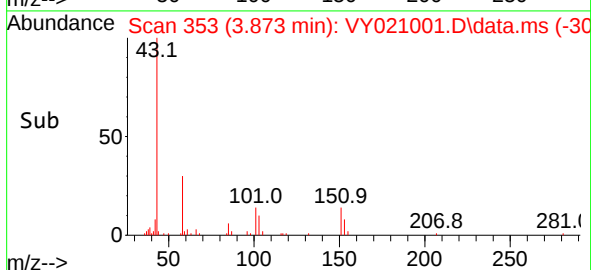
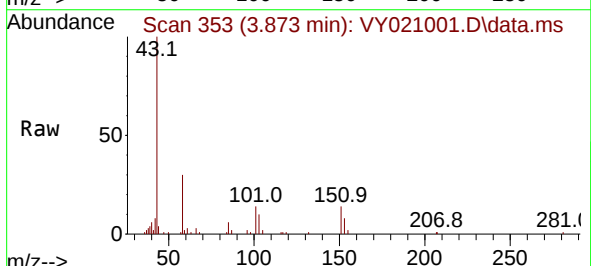


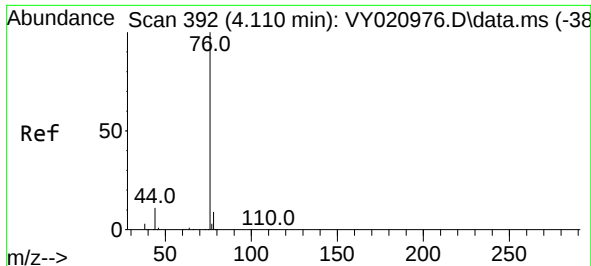
Tgt Ion: 53 Resp: 34005
Ion Ratio Lower Upper
53 100
52 84.2 66.2 99.4
51 38.0 29.4 44.0



#16
Acetone
Concen: 96.444 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 43 Resp: 24531
Ion Ratio Lower Upper
43 100
58 29.8 28.4 42.6

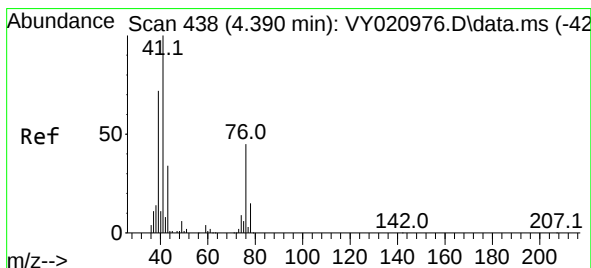
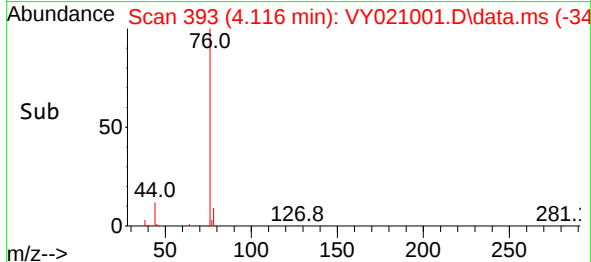
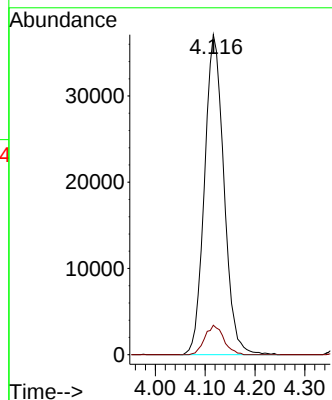
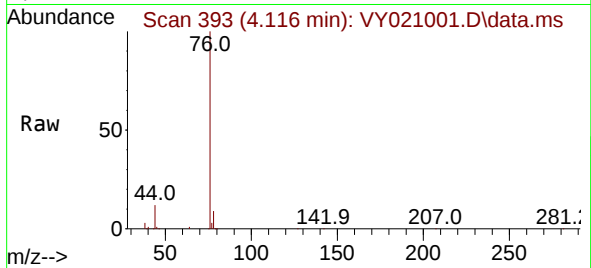




#17
Carbon Disulfide
Concen: 17.581 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

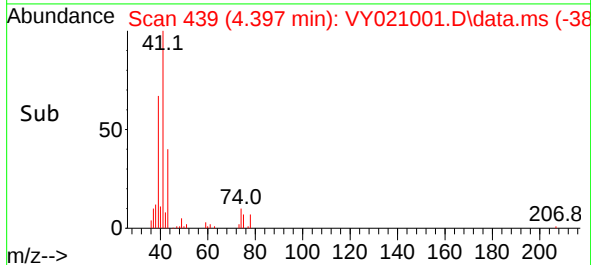
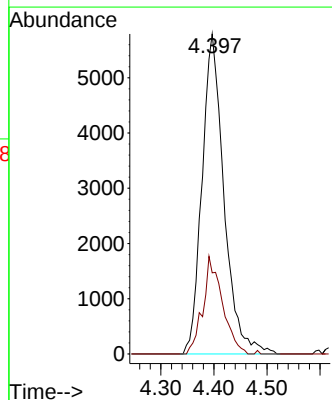
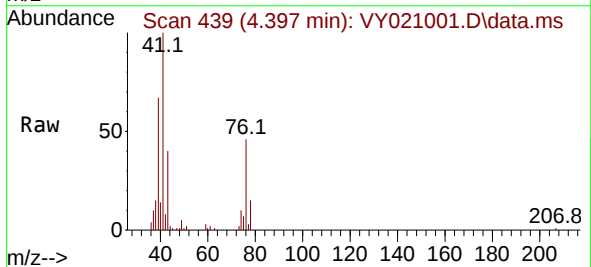
Instrument :
MSVOA_Y
ClientSampleId :

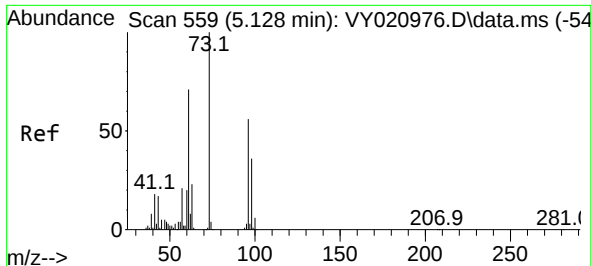
Tgt Ion: 76 Resp: 100462
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 18.731 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 43 Resp: 16671
Ion Ratio Lower Upper
43 100
74 27.0 22.2 33.4





#19

Methyl tert-butyl Ether

Concen: 19.092 ug/l

RT: 5.128 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

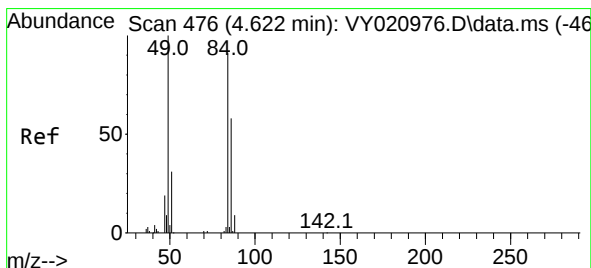
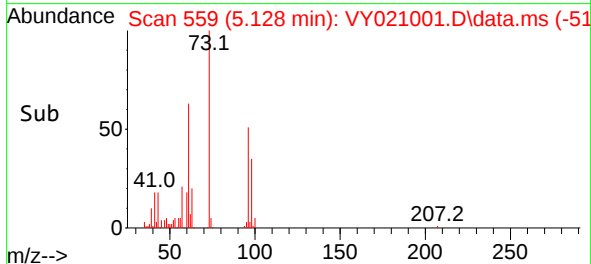
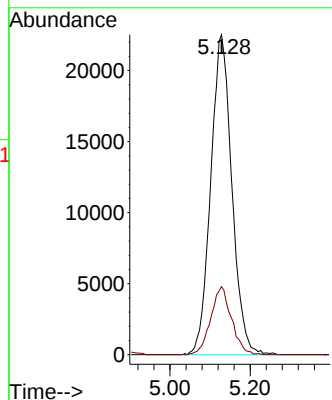
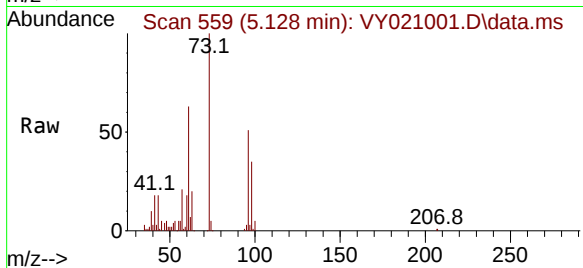
ClientSampleId :

Tgt Ion: 73 Resp: 82445

Ion Ratio Lower Upper

73 100

57 21.2 16.6 25.0



#20

Methylene Chloride

Concen: 18.678 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Tgt Ion: 84 Resp: 35040

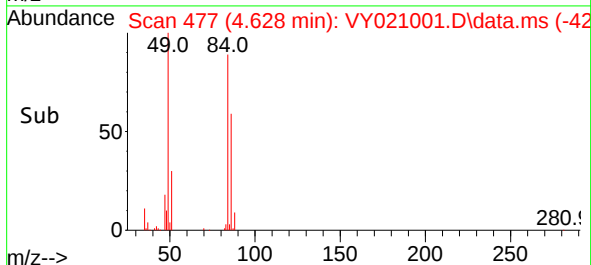
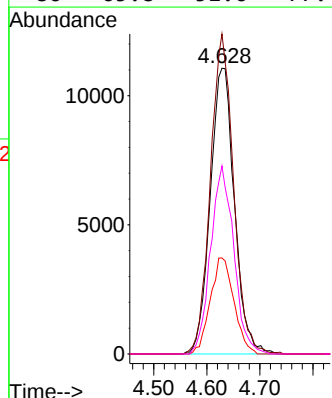
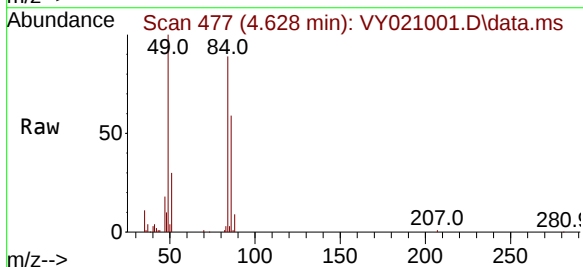
Ion Ratio Lower Upper

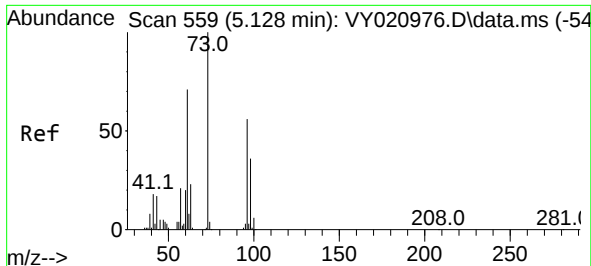
84 100

49 112.0 88.3 132.5

51 33.6 27.7 41.5

86 65.8 51.6 77.4

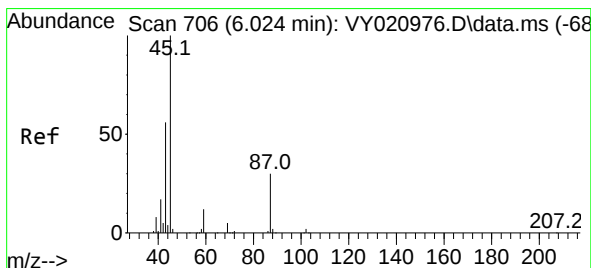
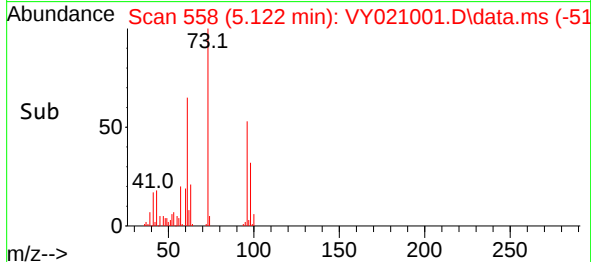
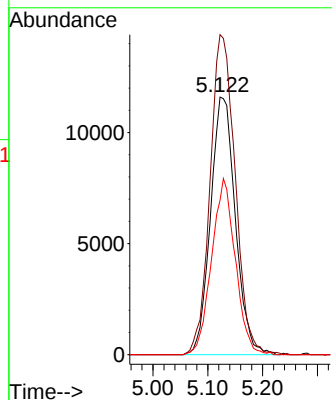
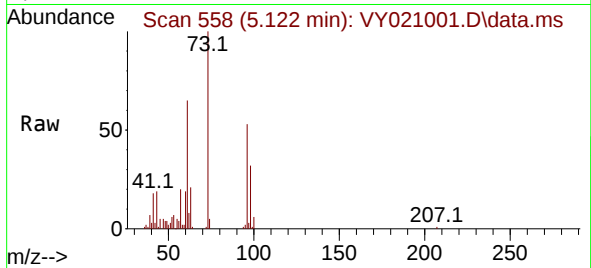




#21
trans-1,2-Dichloroethene
Concen: 18.364 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

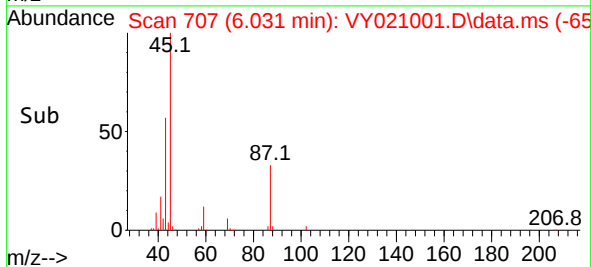
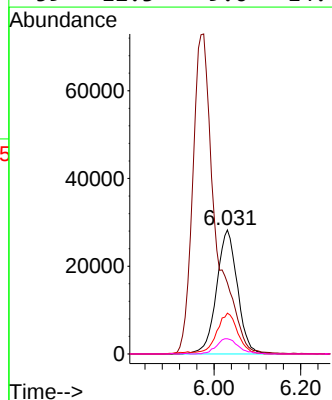
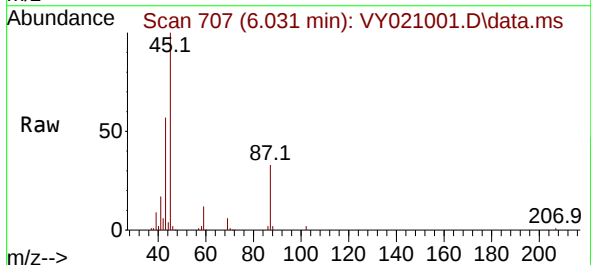
Instrument :
MSVOA_Y
ClientSampleId :

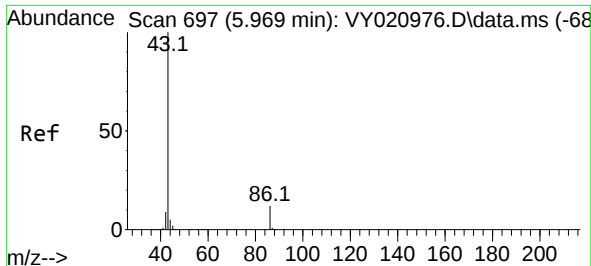
Tgt Ion: 96 Resp: 36529
Ion Ratio Lower Upper
96 100
61 124.2 101.5 152.3
98 59.9 52.0 78.0



#22
Diisopropyl ether
Concen: 18.154 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 45 Resp: 94519
Ion Ratio Lower Upper
45 100
43 56.8 45.1 67.7
87 32.9 25.0 37.4
59 12.3 9.6 14.4

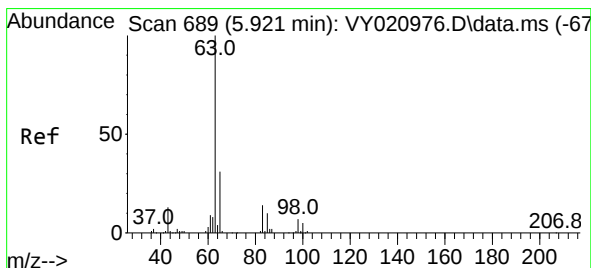
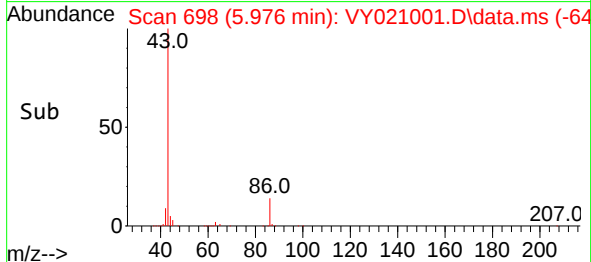
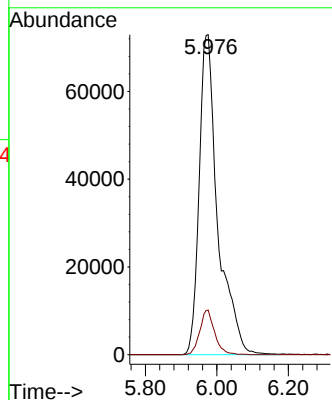
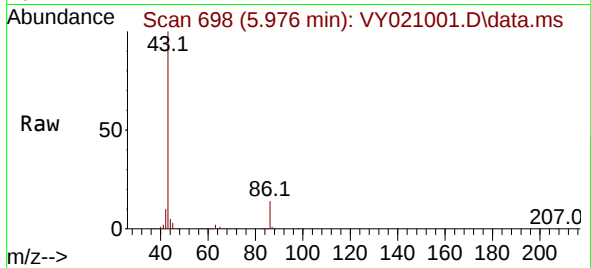




#23
 Vinyl Acetate
 Concen: 91.568 ug/l
 RT: 5.976 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY021001.D
 Acq: 31 Jan 2025 10:46

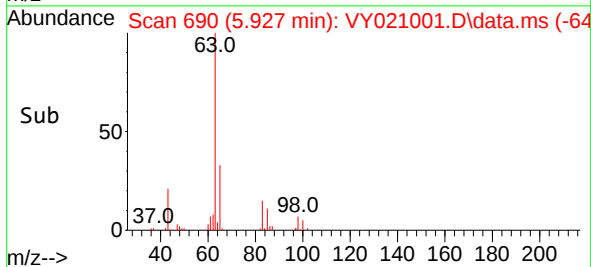
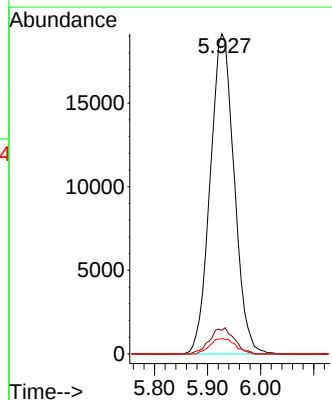
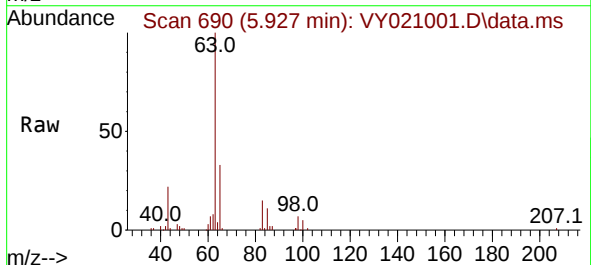
Instrument :
 MSVOA_Y
 ClientSampleId :

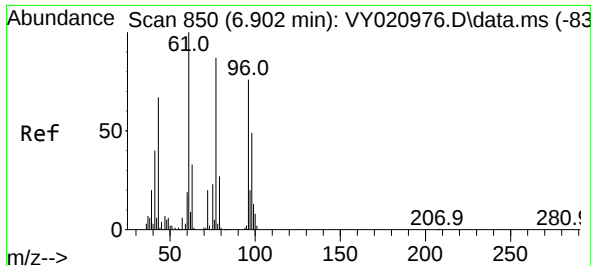
Tgt Ion: 43 Resp: 264012
 Ion Ratio Lower Upper
 43 100
 86 14.0 9.7 14.5



#24
 1,1-Dichloroethane
 Concen: 17.922 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY021001.D
 Acq: 31 Jan 2025 10:46

Tgt Ion: 63 Resp: 60197
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.7 2.4 7.2





#25

2-Butanone

Concen: 90.960 ug/l

RT: 6.902 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

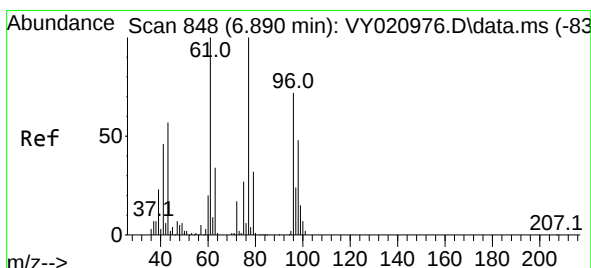
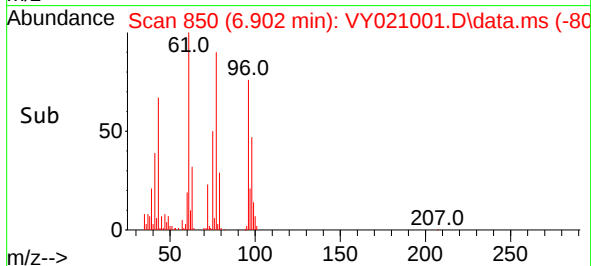
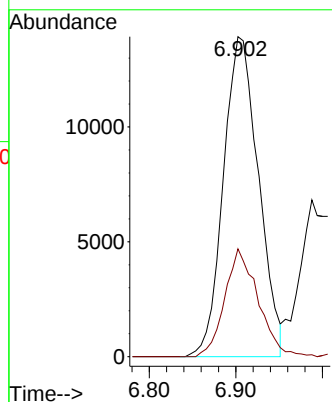
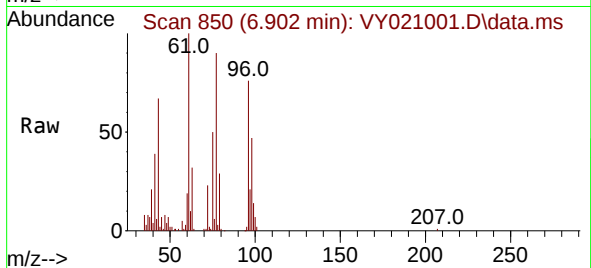
ClientSampleId :

Tgt Ion: 43 Resp: 39249

Ion Ratio Lower Upper

43 100

72 33.7 24.3 36.5



#26

2,2-Dichloropropane

Concen: 17.962 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021001.D

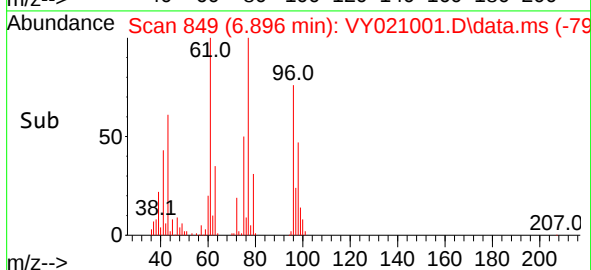
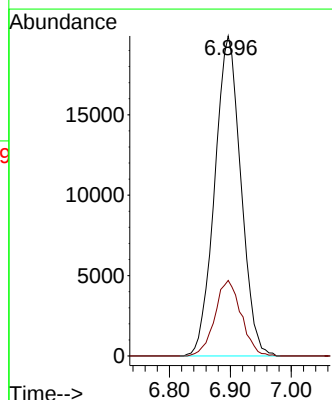
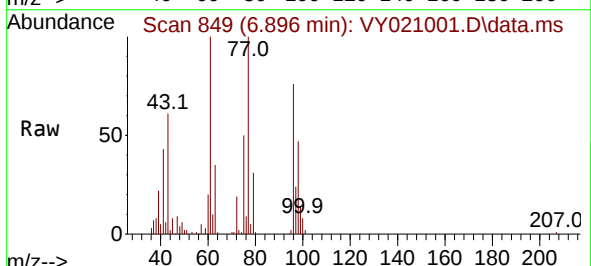
Acq: 31 Jan 2025 10:46

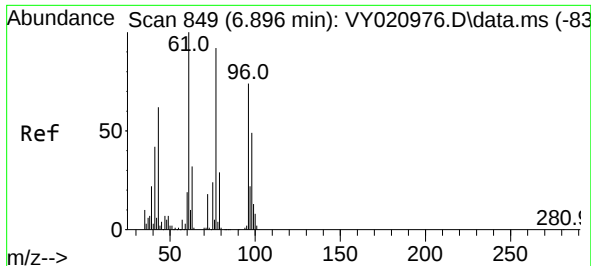
Tgt Ion: 77 Resp: 59401

Ion Ratio Lower Upper

77 100

97 23.7 11.4 34.2

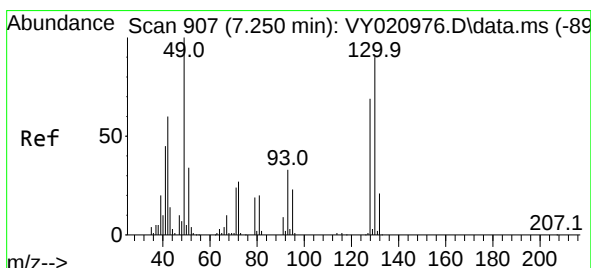
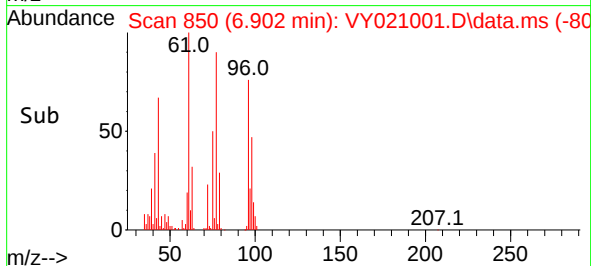
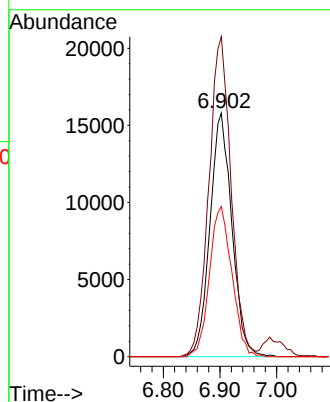
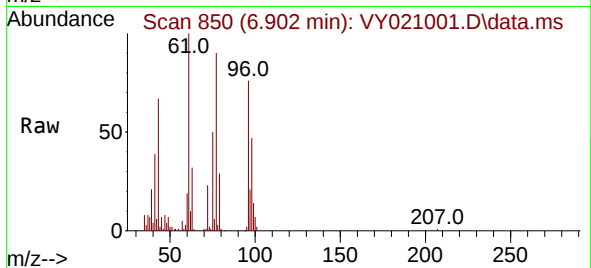




#27
 cis-1,2-Dichloroethene
 Concen: 18.567 ug/l
 RT: 6.902 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY021001.D
 Acq: 31 Jan 2025 10:46

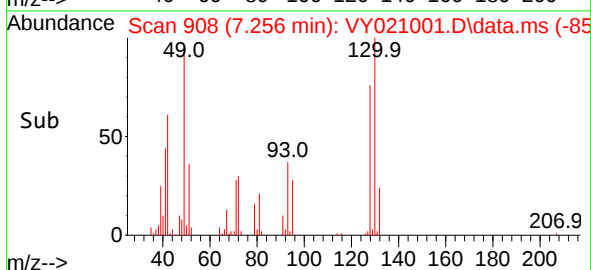
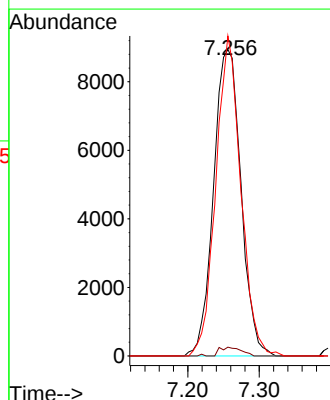
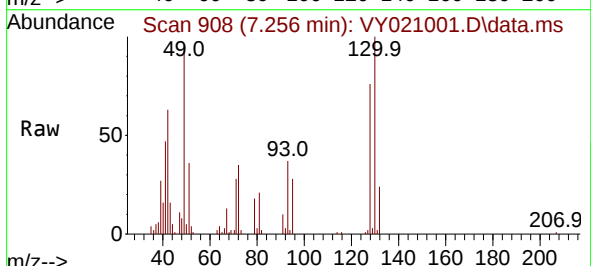
Instrument :
 MSVOA_Y
 ClientSampleId :

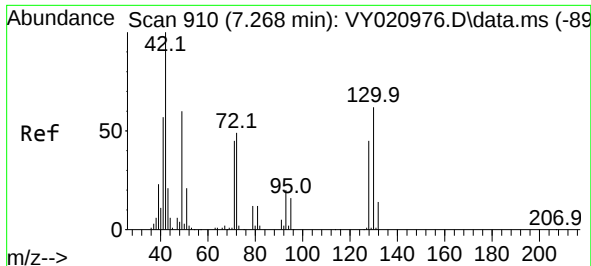
Tgt Ion: 96 Resp: 42452
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 274.0
 98 63.0 0.0 130.4



#28
 Bromochloromethane
 Concen: 19.002 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY021001.D
 Acq: 31 Jan 2025 10:46

Tgt Ion: 49 Resp: 23779
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.0
 130 95.2 73.2 109.8





#29

Tetrahydrofuran

Concen: 92.516 ug/l

RT: 7.274 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

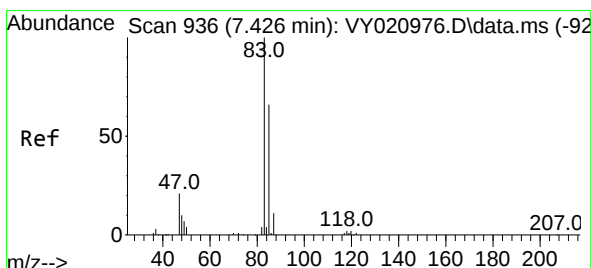
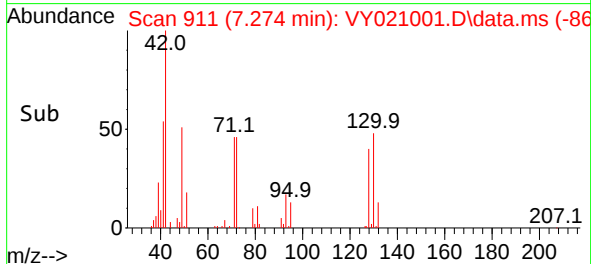
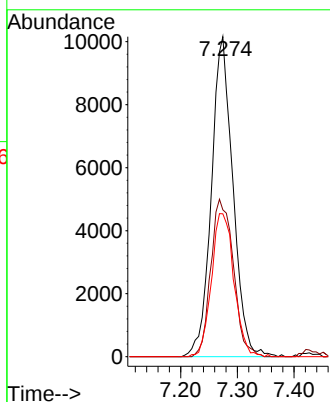
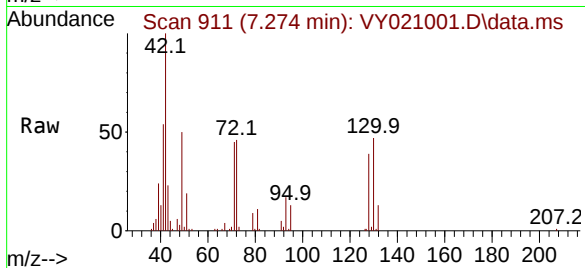
Tgt Ion: 42 Resp: 26863

Ion Ratio Lower Upper

42 100

72 51.4 39.3 58.9

71 46.7 36.1 54.1



#30

Chloroform

Concen: 18.465 ug/l

RT: 7.433 min Scan# 937

Delta R.T. 0.006 min

Lab File: VY021001.D

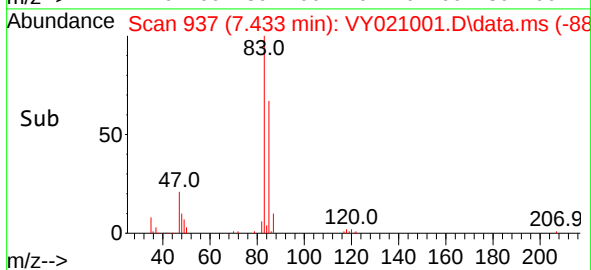
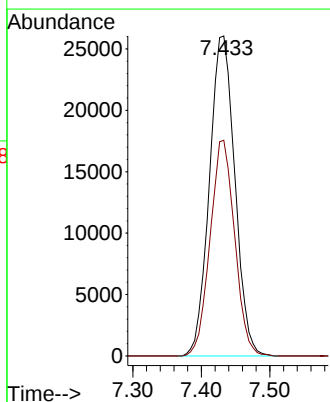
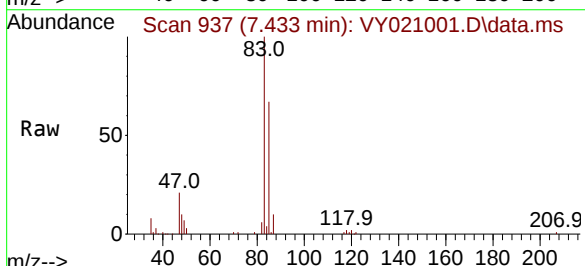
Acq: 31 Jan 2025 10:46

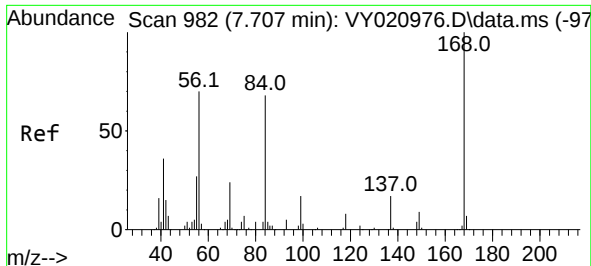
Tgt Ion: 83 Resp: 67174

Ion Ratio Lower Upper

83 100

85 67.4 52.9 79.3

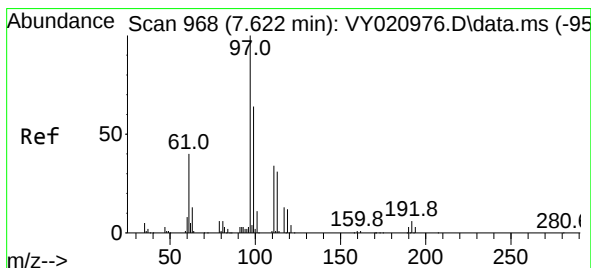
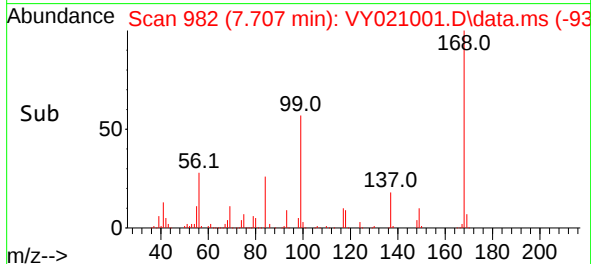
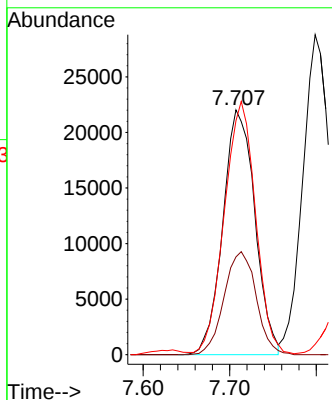
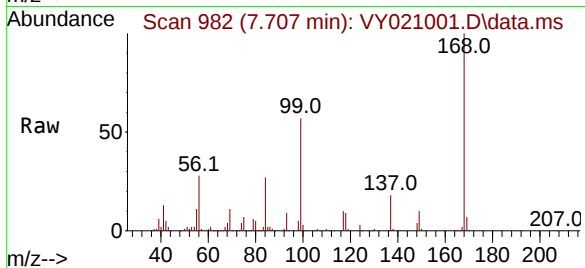




#31
Cyclohexane
Concen: 17.269 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

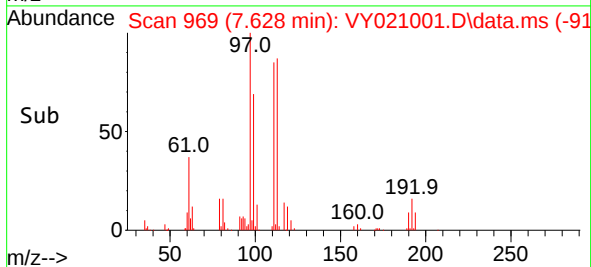
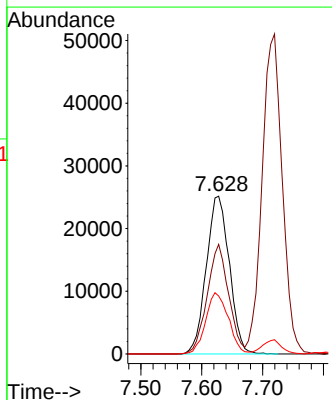
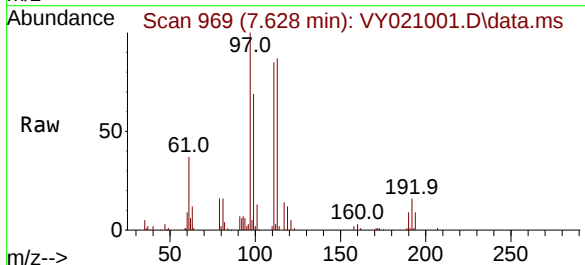
Instrument :
MSVOA_Y
ClientSampleId :

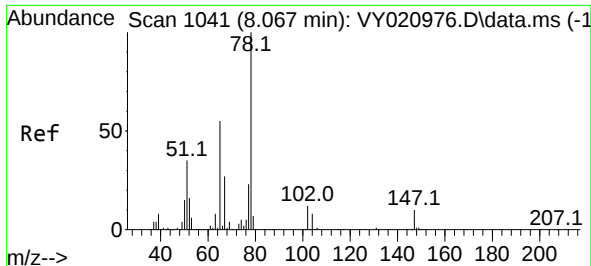
Tgt Ion: 56 Resp: 56695
Ion Ratio Lower Upper
56 100
69 40.0 27.7 41.5
84 94.0 77.5 116.3



#32
1,1,1-Trichloroethane
Concen: 18.791 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 97 Resp: 66158
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 38.3 31.4 47.0





#33

1,2-Dichloroethane-d4

Concen: 43.124 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

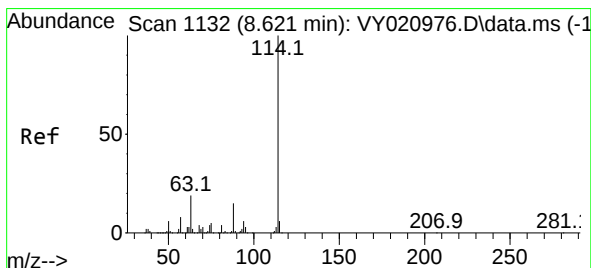
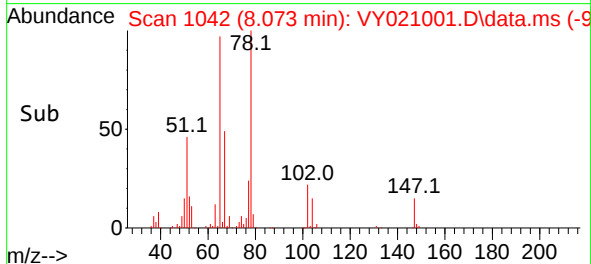
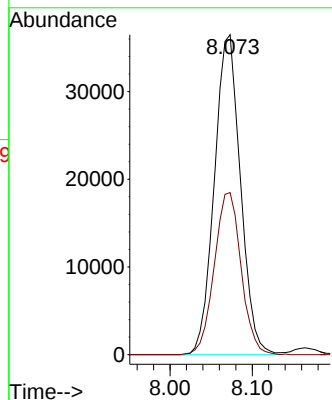
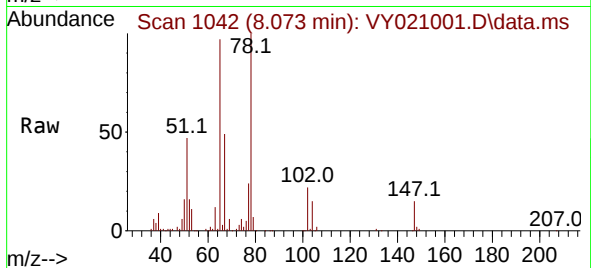
ClientSampleId :

Tgt Ion: 65 Resp: 80477

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

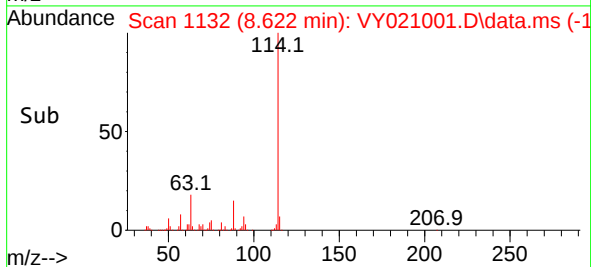
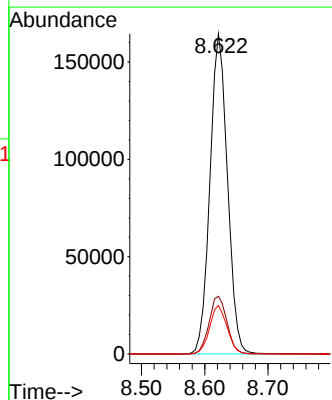
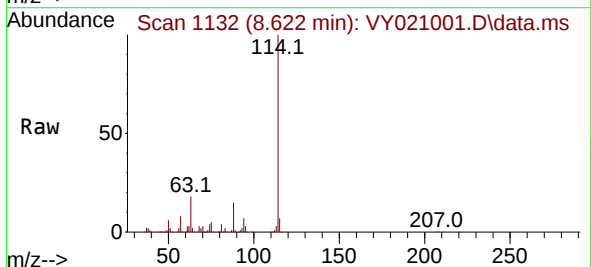
Tgt Ion:114 Resp: 316060

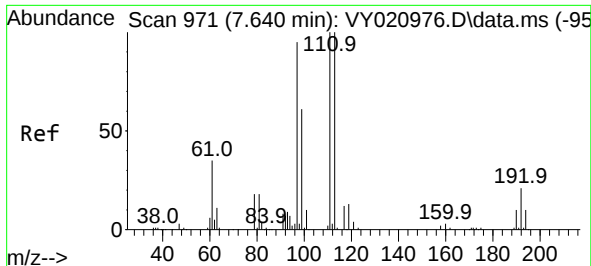
Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.2

88 15.1 0.0 29.6

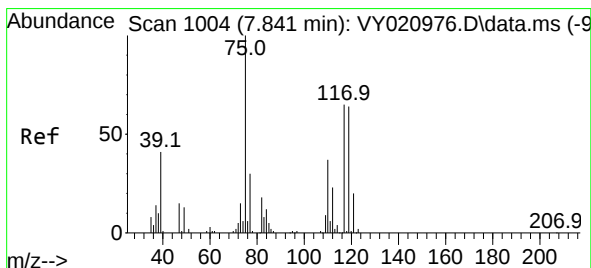
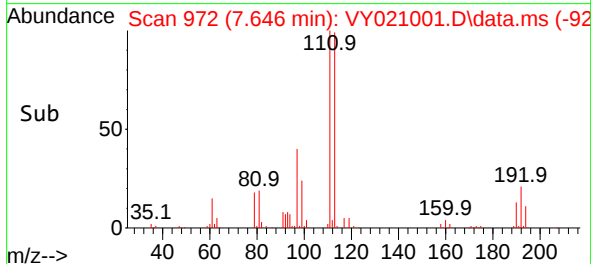
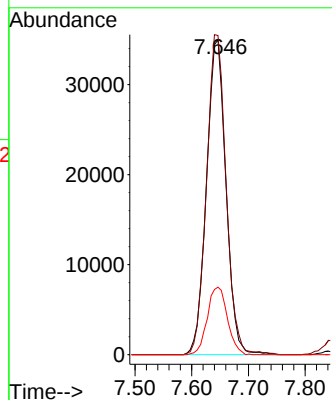
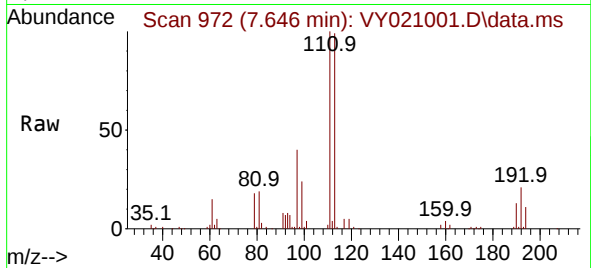




#35
Dibromofluoromethane
Concen: 43.916 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

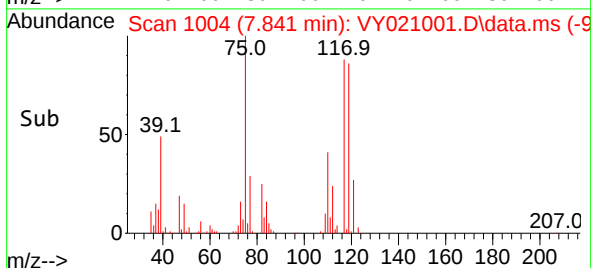
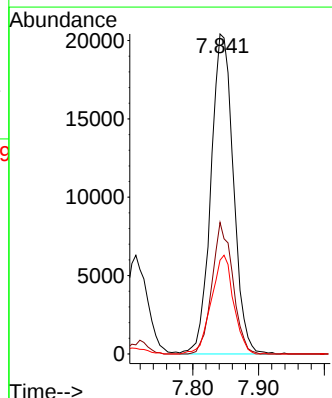
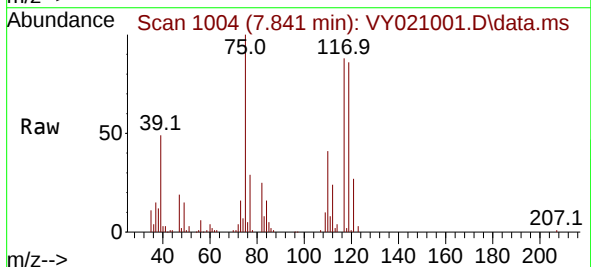
Instrument :
MSVOA_Y
ClientSampleId :

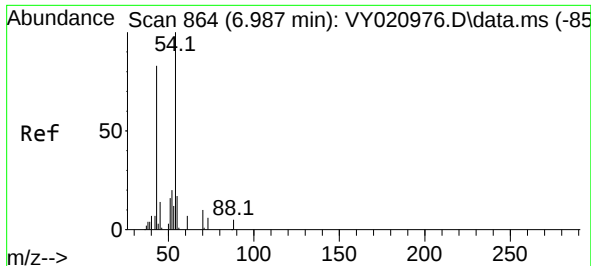
Tgt Ion:113 Resp: 83444
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 22.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 17.908 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 75 Resp: 48543
Ion Ratio Lower Upper
75 100
110 38.0 18.4 55.2
77 30.5 24.9 37.3





#37

Ethyl Acetate

Concen: 18.273 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

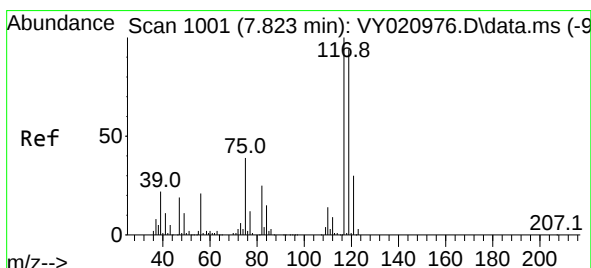
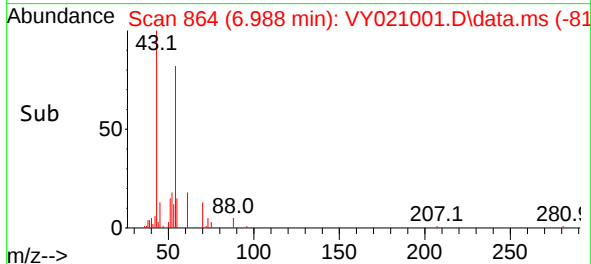
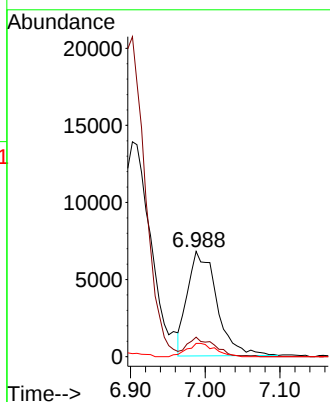
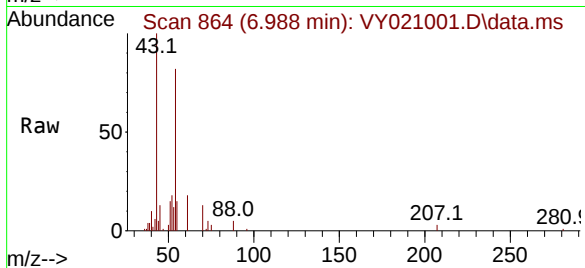
Tgt Ion: 43 Resp: 18466

Ion Ratio Lower Upper

43 100

61 17.3 11.4 17.0#

70 12.2 9.6 14.4



#38

Carbon Tetrachloride

Concen: 18.966 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

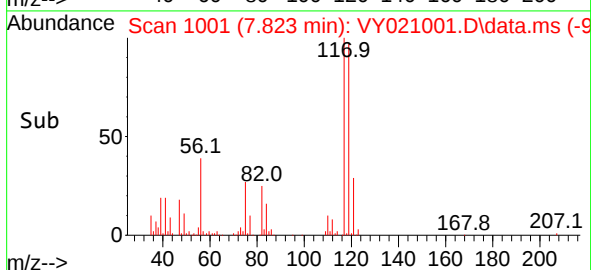
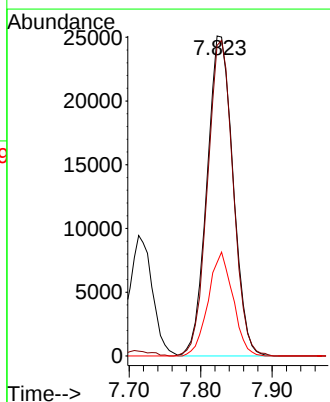
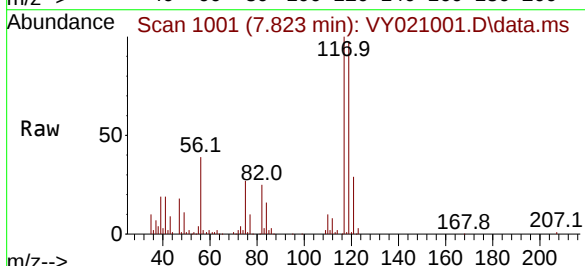
Tgt Ion: 117 Resp: 63622

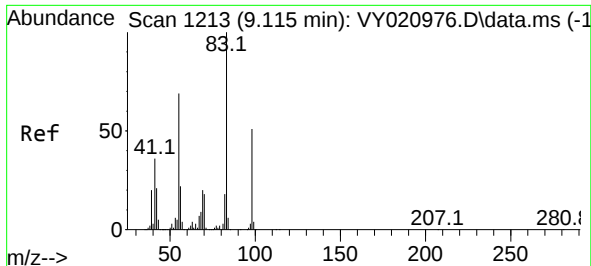
Ion Ratio Lower Upper

117 100

119 97.1 75.0 112.6

121 29.2 24.2 36.2





#39

Methylcyclohexane

Concen: 17.427 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

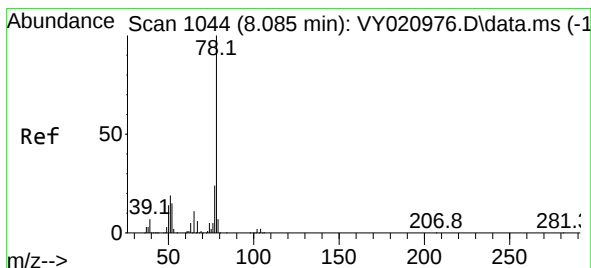
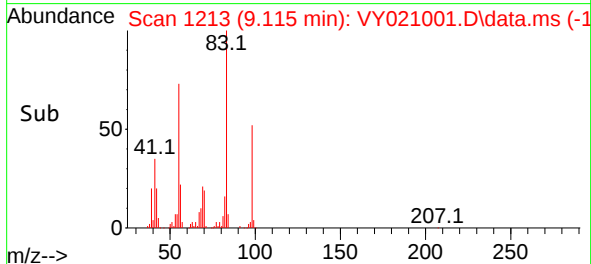
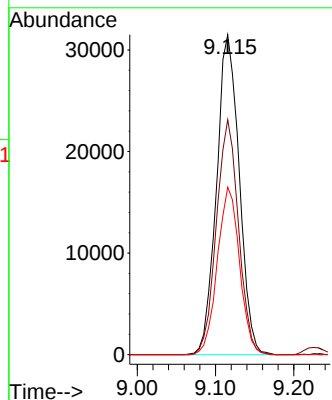
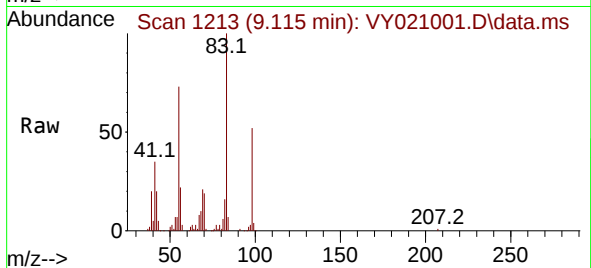
Tgt Ion: 83 Resp: 63460

Ion Ratio Lower Upper

83 100

55 73.4 54.9 82.3

98 52.4 40.5 60.7



#40

Benzene

Concen: 18.397 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.006 min

Lab File: VY021001.D

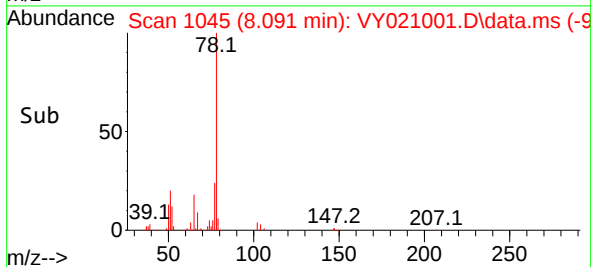
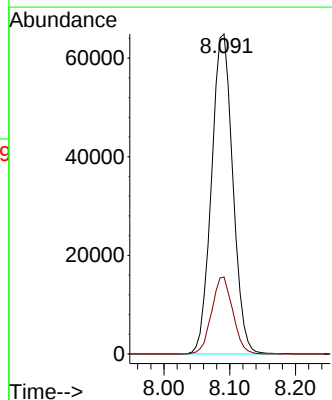
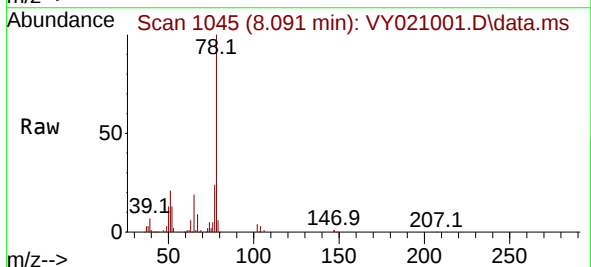
Acq: 31 Jan 2025 10:46

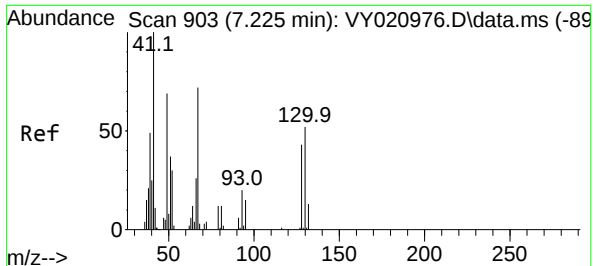
Tgt Ion: 78 Resp: 146733

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.2

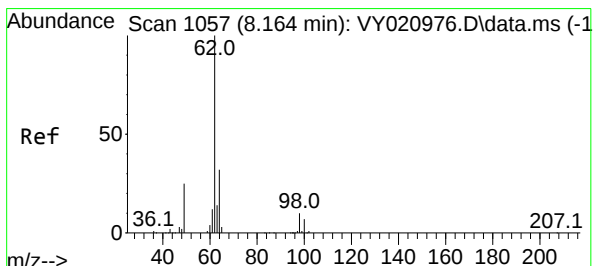
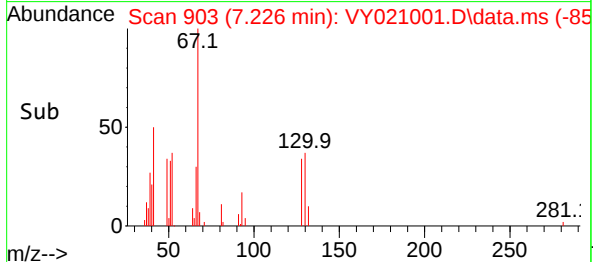
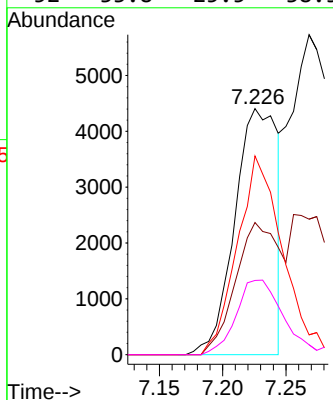
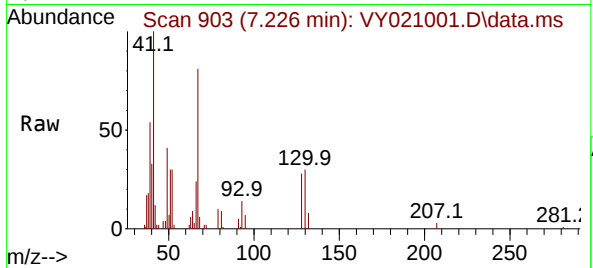




#41
Methacrylonitrile
Concen: 18.539 ug/l
RT: 7.226 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

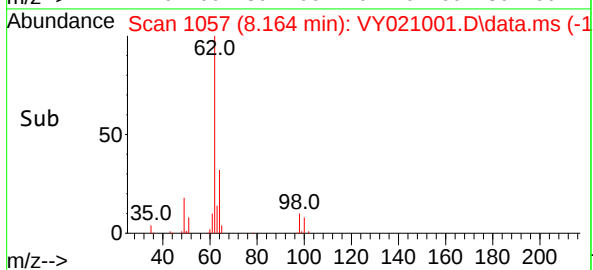
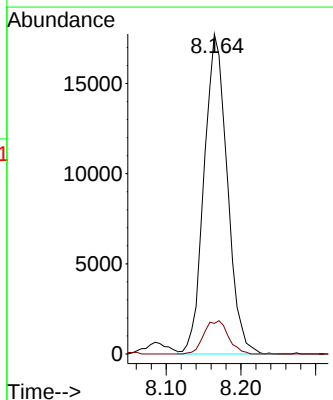
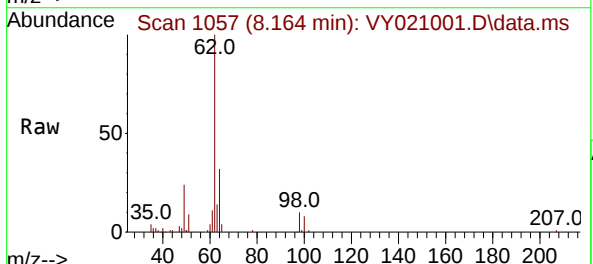
Instrument :
MSVOA_Y
ClientSampleId :

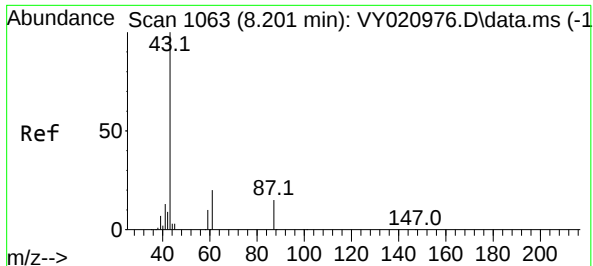
Tgt Ion:	41	Resp:	10366
Ion	Ratio	Lower	Upper
41	100		
39	57.1	41.6	62.4
67	86.3	63.8	95.6
52	33.8	25.5	38.3



#42
1,2-Dichloroethane
Concen: 18.952 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion:	62	Resp:	38336
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	19.4

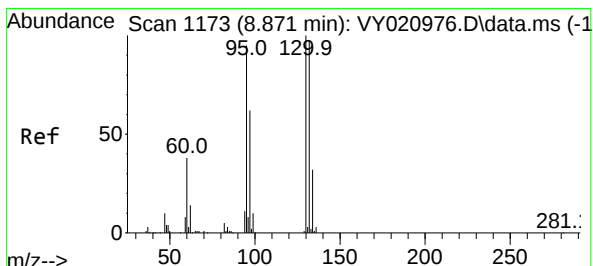
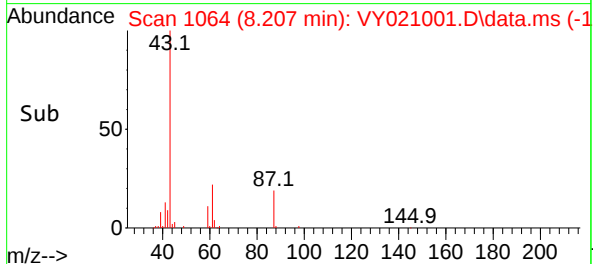
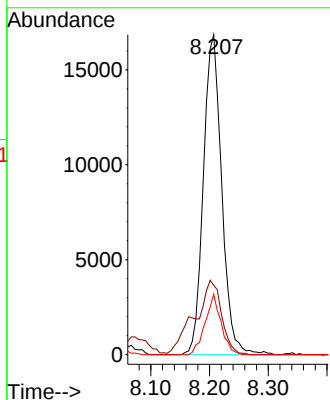
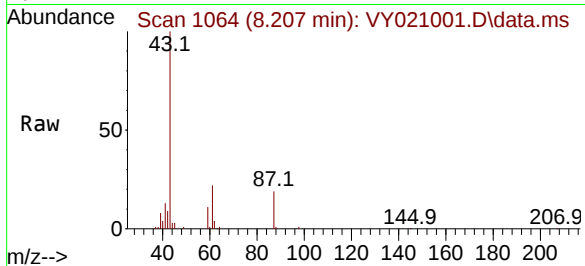




#43
Isopropyl Acetate
Concen: 18.146 ug/l
RT: 8.207 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

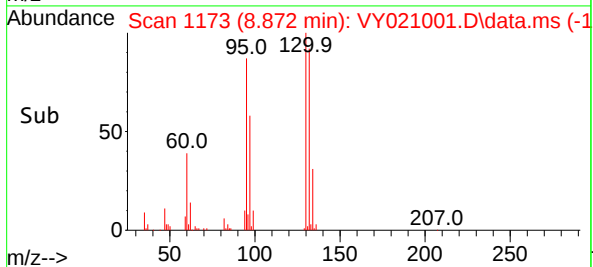
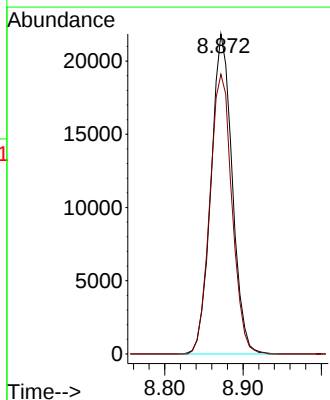
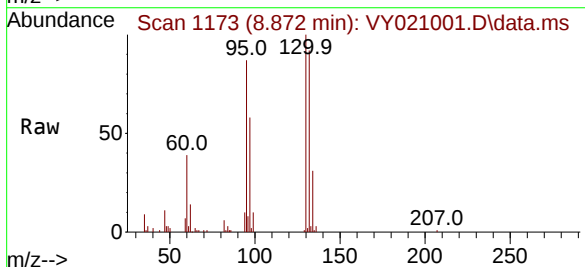
Instrument :
MSVOA_Y
ClientSampleId :

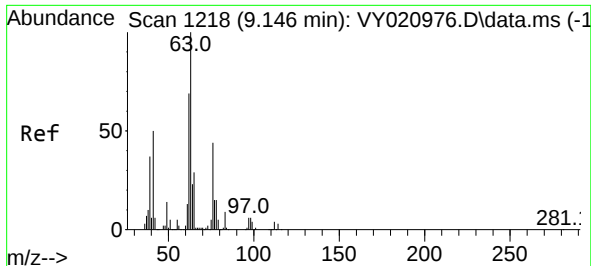
Tgt Ion: 43 Resp: 36636
Ion Ratio Lower Upper
43 100
61 34.1 15.8 23.6#
87 16.4 12.5 18.7



#44
Trichloroethene
Concen: 18.700 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion:130 Resp: 41156
Ion Ratio Lower Upper
130 100
95 87.4 0.0 189.6





#45

1,2-Dichloropropane

Concen: 17.715 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

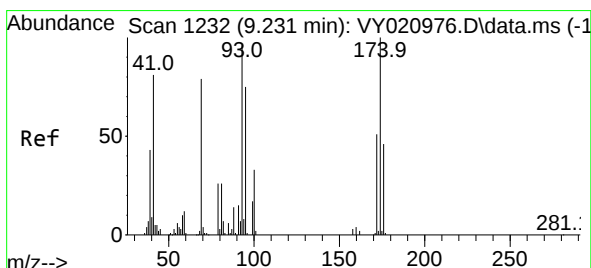
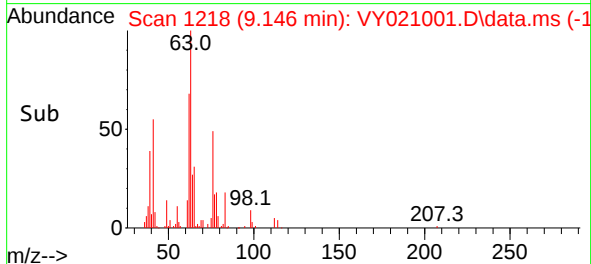
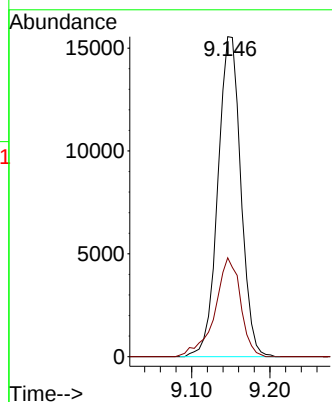
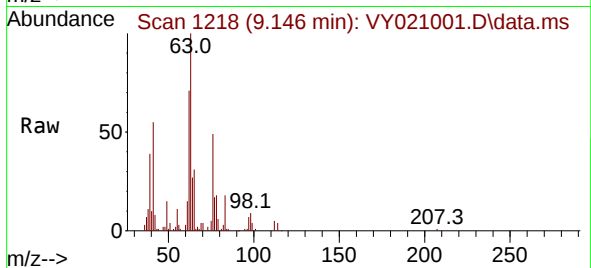
ClientSampleId :

Tgt Ion: 63 Resp: 31670

Ion Ratio Lower Upper

63 100

65 30.9 23.6 35.4



#46

Dibromomethane

Concen: 18.738 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

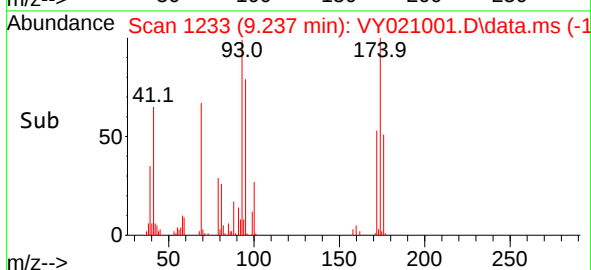
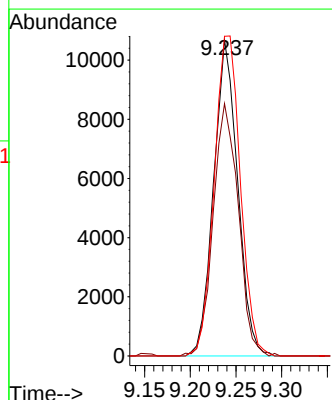
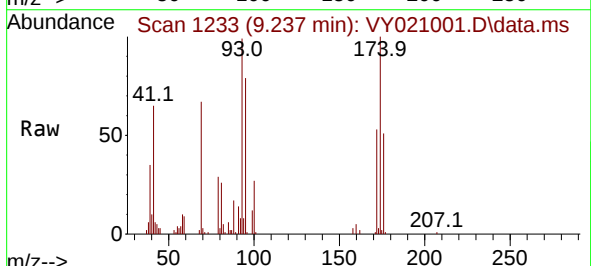
Tgt Ion: 93 Resp: 19494

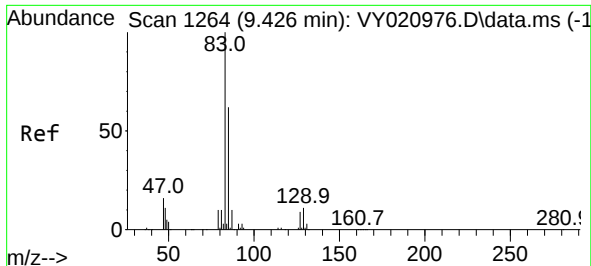
Ion Ratio Lower Upper

93 100

95 83.8 65.8 98.8

174 110.4 88.1 132.1





#47

Bromodichloromethane

Concen: 18.555 ug/l

RT: 9.432 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

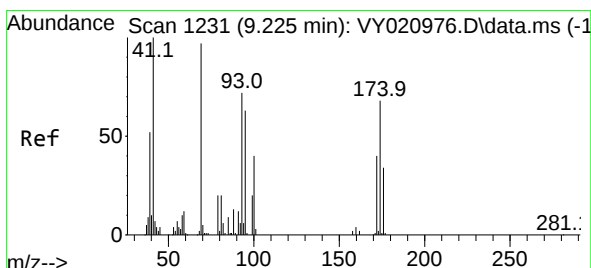
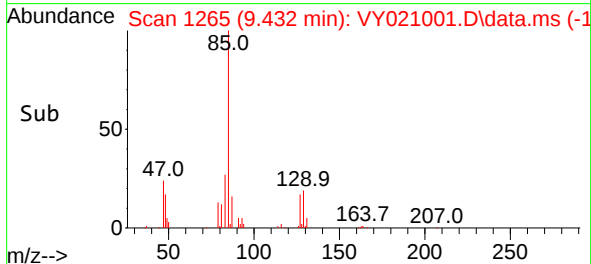
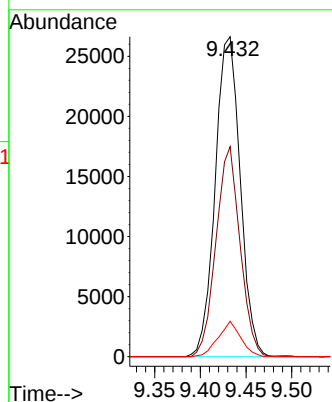
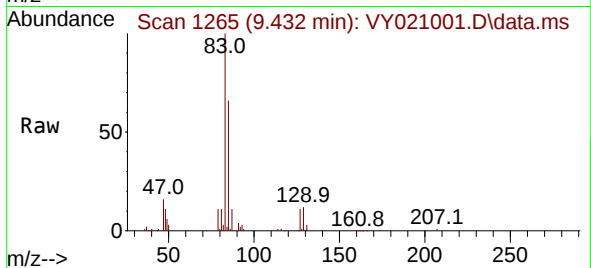
Tgt Ion: 83 Resp: 50693

Ion Ratio Lower Upper

83 100

85 65.7 49.6 74.4

127 11.1 7.1 10.7#



#48

Methyl methacrylate

Concen: 17.763 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

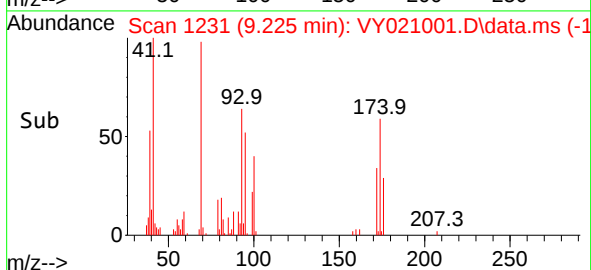
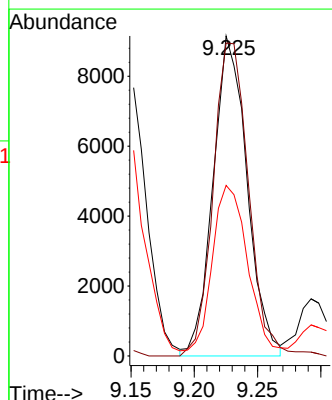
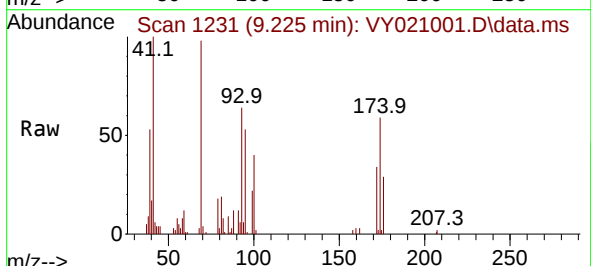
Tgt Ion: 41 Resp: 17074

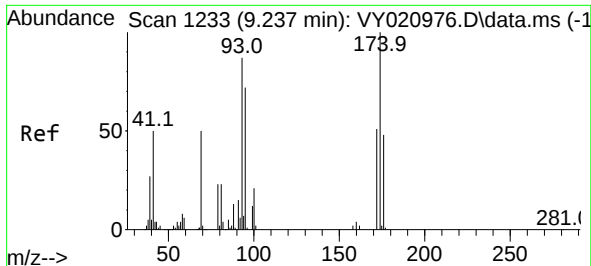
Ion Ratio Lower Upper

41 100

69 101.9 75.6 113.4

39 53.6 41.3 61.9





#49

1,4-Dioxane

Concen: 393.040 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.000 min

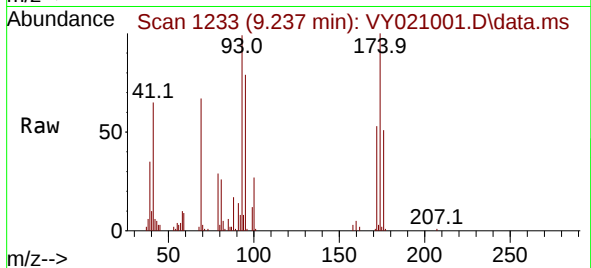
Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :



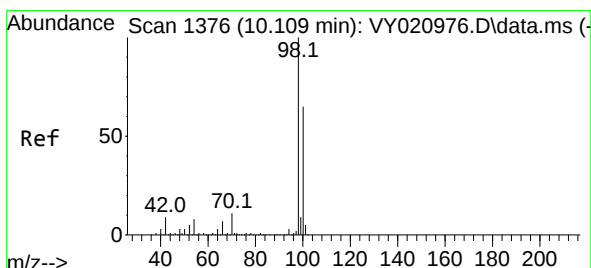
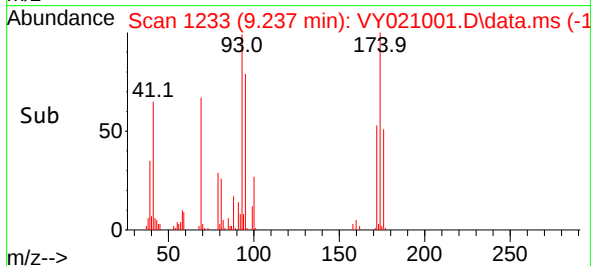
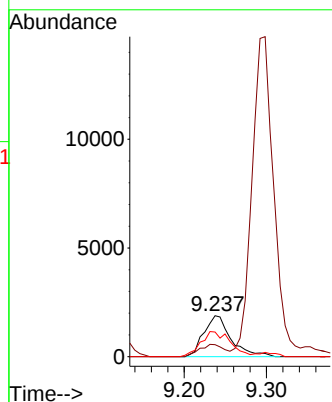
Tgt Ion: 88 Resp: 4345

Ion Ratio Lower Upper

88 100

43 27.3 24.2 36.4

58 66.2 57.3 85.9



#50

Toluene-d8

Concen: 42.921 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.006 min

Lab File: VY021001.D

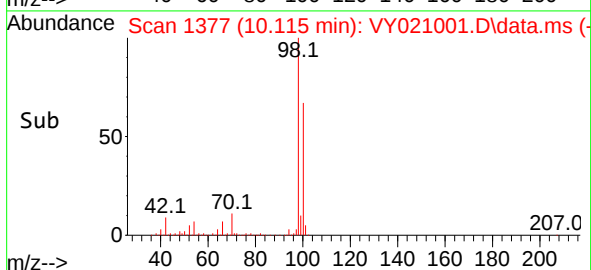
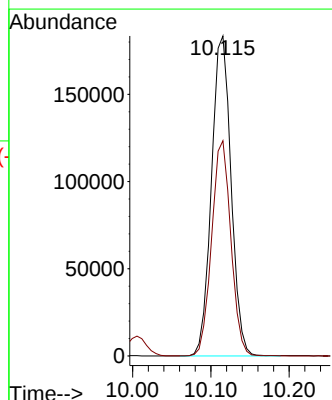
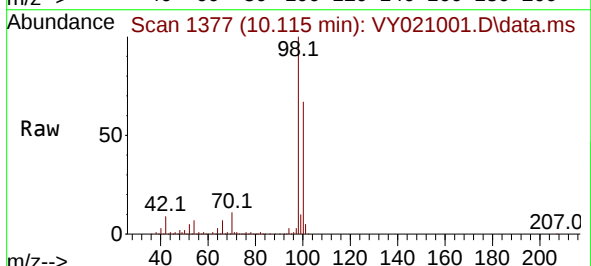
Acq: 31 Jan 2025 10:46

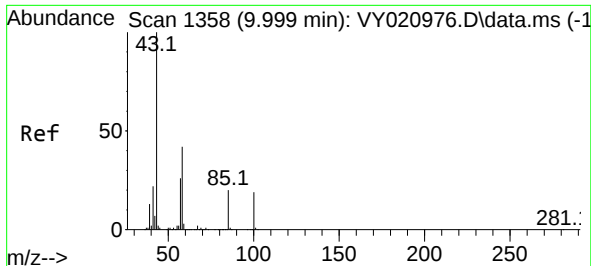
Tgt Ion: 98 Resp: 318309

Ion Ratio Lower Upper

98 100

100 65.9 52.6 79.0





#51

4-Methyl-2-Pentanone

Concen: 91.221 ug/l

RT: 10.006 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

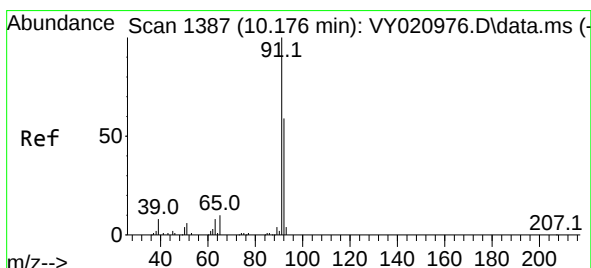
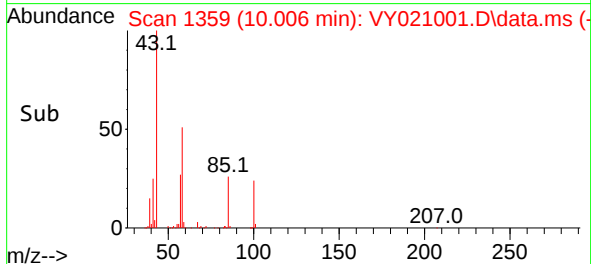
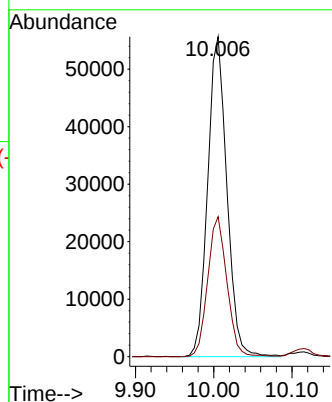
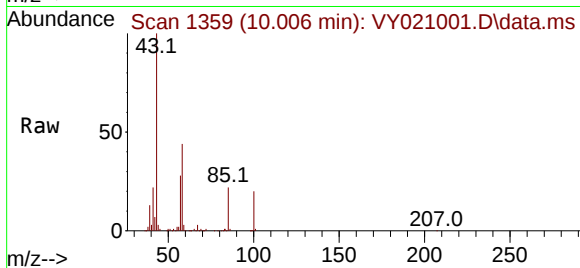
ClientSampleId :

Tgt Ion: 43 Resp: 94633

Ion Ratio Lower Upper

43 100

58 43.8 33.8 50.8



#52

Toluene

Concen: 18.457 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY021001.D

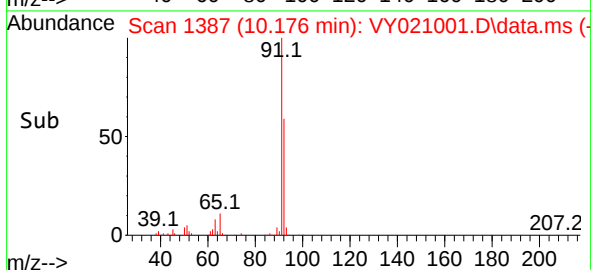
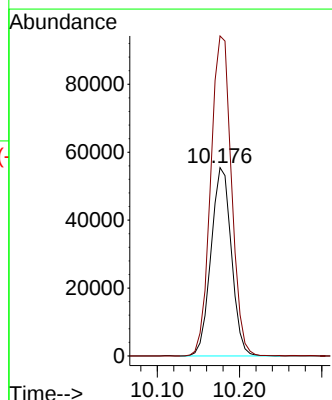
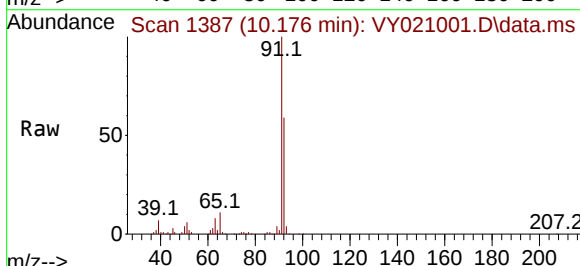
Acq: 31 Jan 2025 10:46

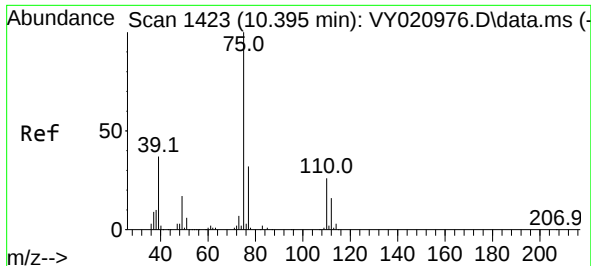
Tgt Ion: 92 Resp: 95555

Ion Ratio Lower Upper

92 100

91 173.1 135.8 203.8

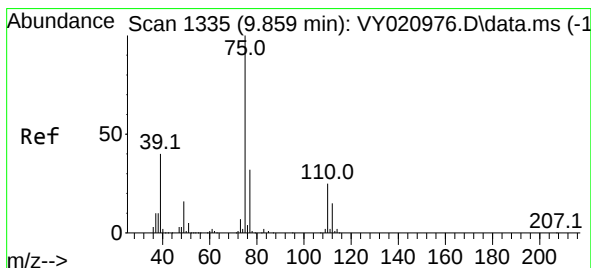
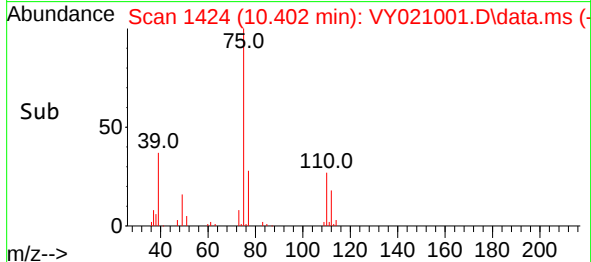
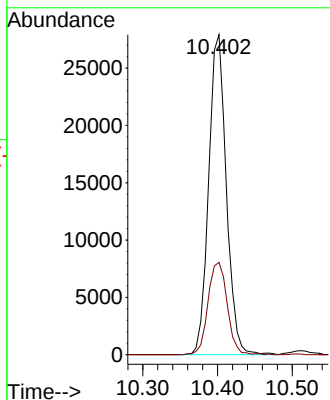
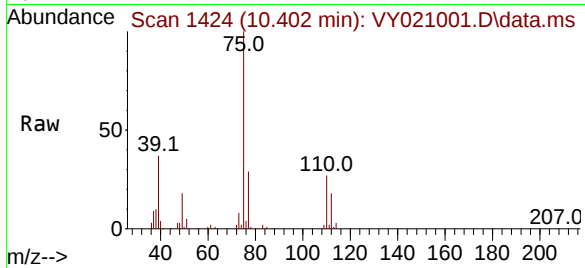




#53
 t-1,3-Dichloropropene
 Concen: 18.538 ug/l
 RT: 10.402 min Scan# 1424
 Delta R.T. 0.006 min
 Lab File: VY021001.D
 Acq: 31 Jan 2025 10:46

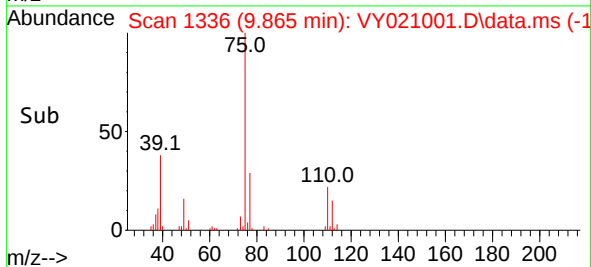
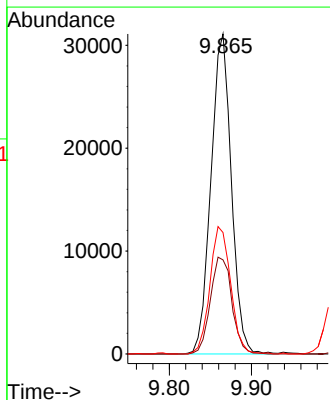
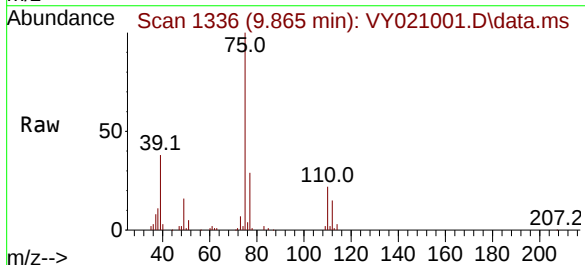
Instrument :
 MSVOA_Y
 ClientSampleId :

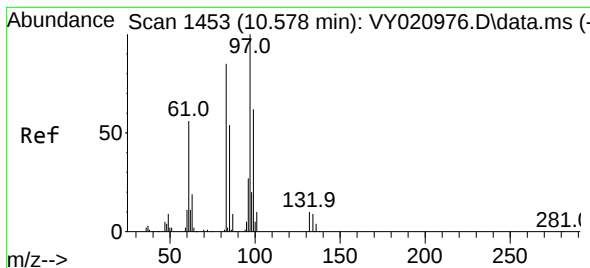
Tgt Ion: 75 Resp: 45832
 Ion Ratio Lower Upper
 75 100
 77 28.9 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 18.151 ug/l
 RT: 9.865 min Scan# 1336
 Delta R.T. 0.006 min
 Lab File: VY021001.D
 Acq: 31 Jan 2025 10:46

Tgt Ion: 75 Resp: 53636
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.4 38.0
 39 38.0 32.2 48.2

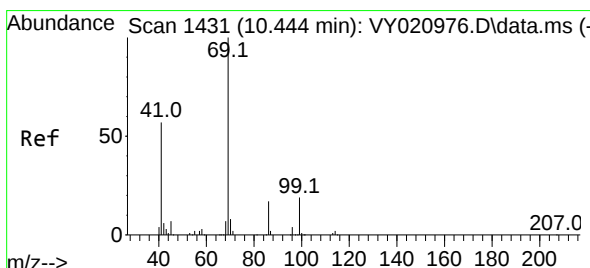
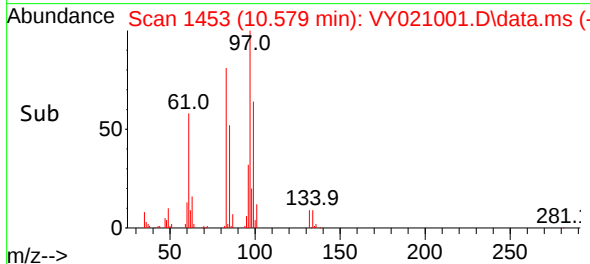
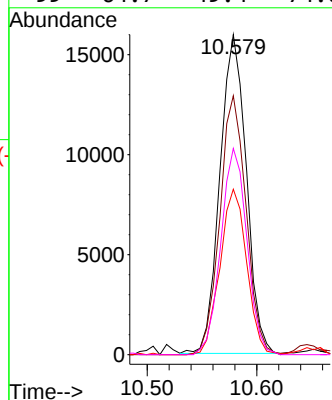
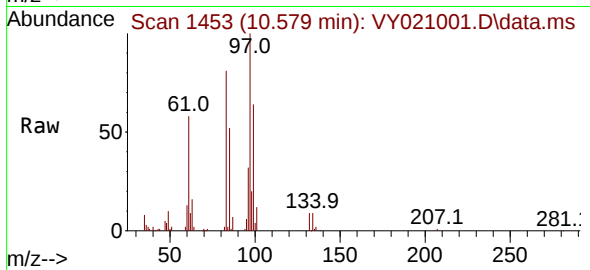




#55
1,1,2-Trichloroethane
Concen: 19.229 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

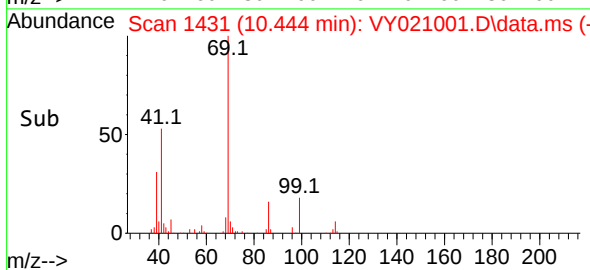
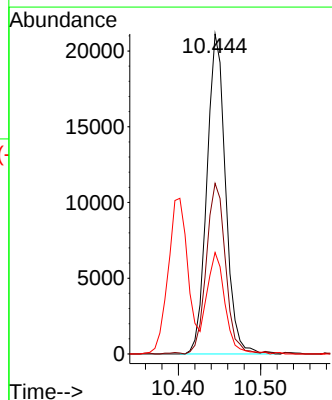
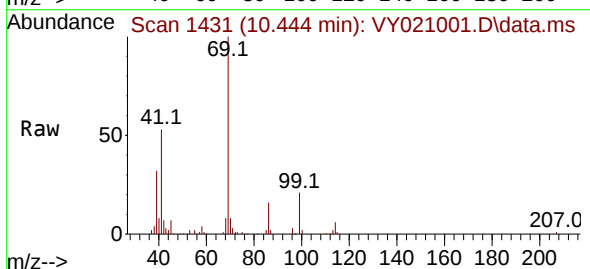
Instrument :
MSVOA_Y
ClientSampleId :

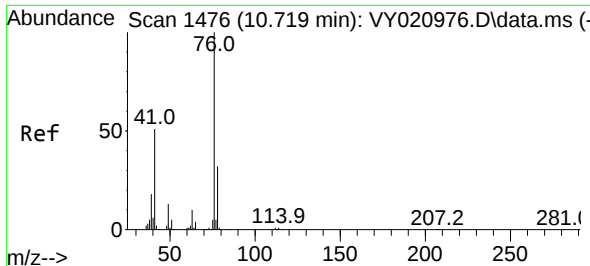
Tgt Ion: 97	Resp: 26604
Ion Ratio	Lower Upper
97 100	
83 81.2	67.7 101.5
85 51.9	43.4 65.2
99 64.7	49.4 74.0



#56
Ethyl methacrylate
Concen: 18.478 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 69	Resp: 33417
Ion Ratio	Lower Upper
69 100	
41 54.6	46.3 69.5
39 30.1	24.5 36.7





#57

1,3-Dichloropropane

Concen: 18.235 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

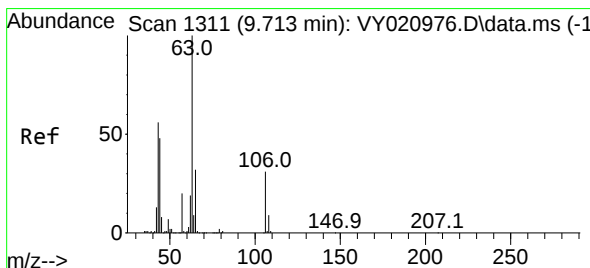
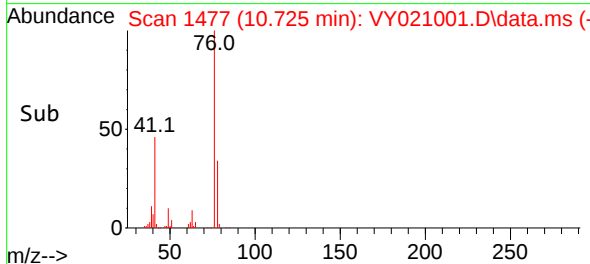
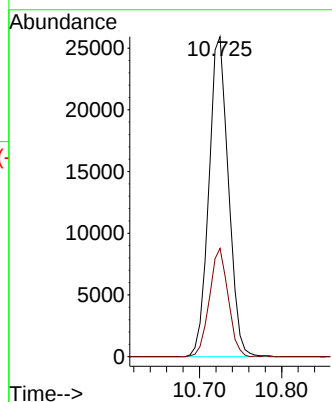
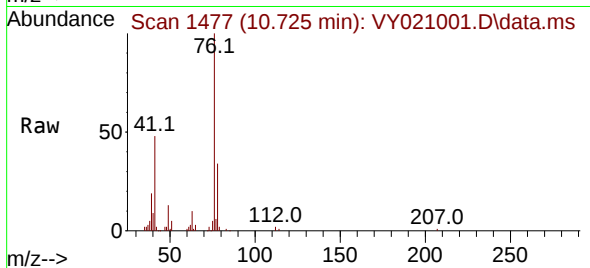
ClientSampleId :

Tgt Ion: 76 Resp: 42761

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.105 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VY021001.D

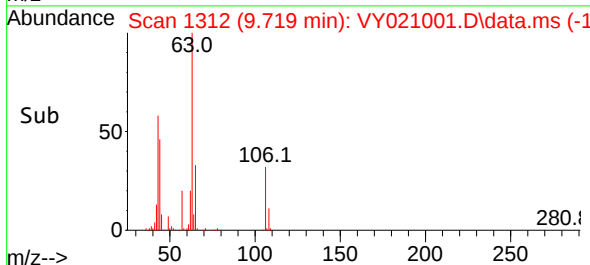
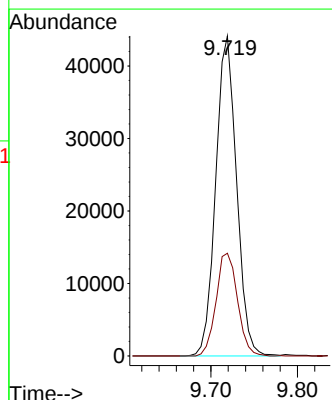
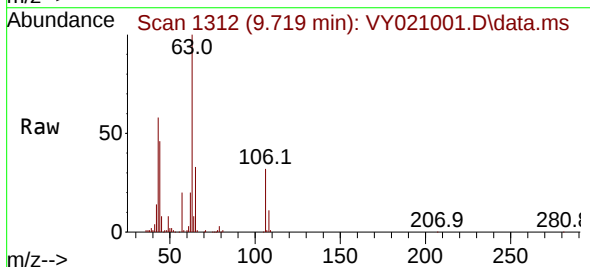
Acq: 31 Jan 2025 10:46

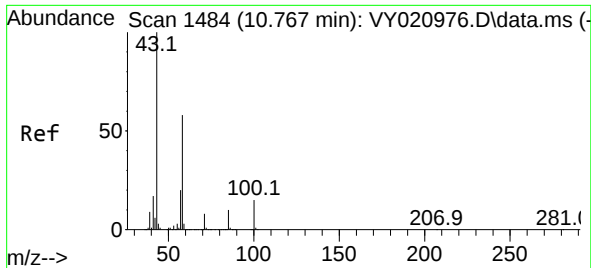
Tgt Ion: 63 Resp: 73769

Ion Ratio Lower Upper

63 100

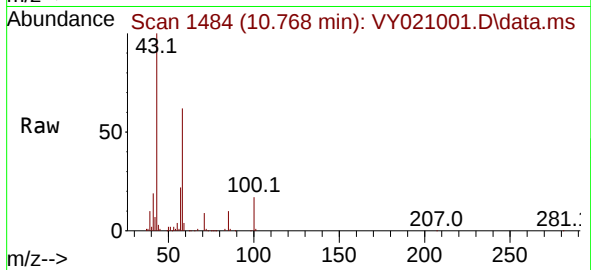
106 33.0 24.7 37.1



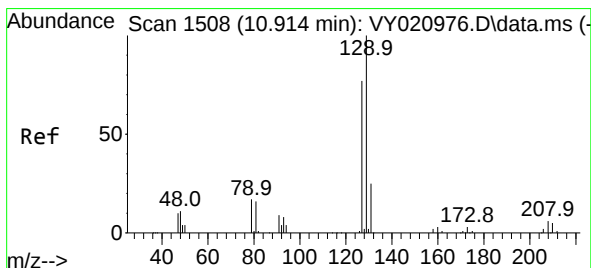
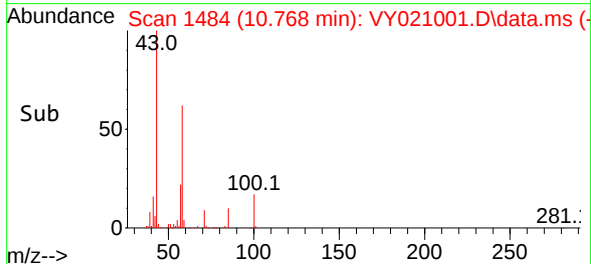
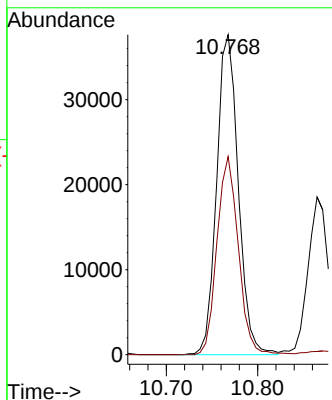


#59
2-Hexanone
Concen: 91.796 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Instrument :
MSVOA_Y
ClientSampleId :

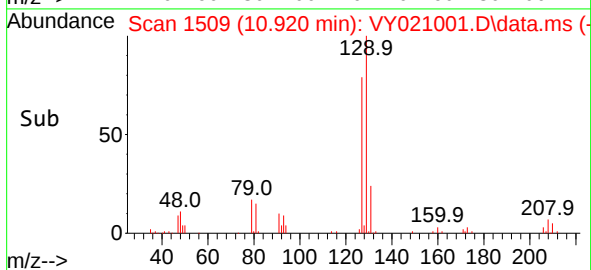
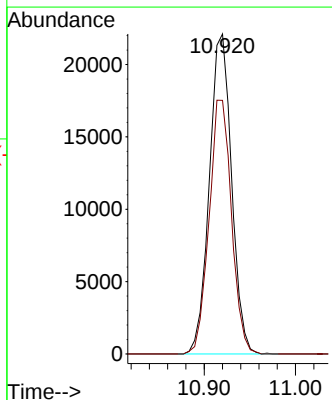
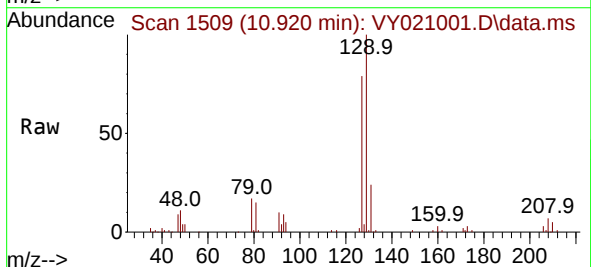


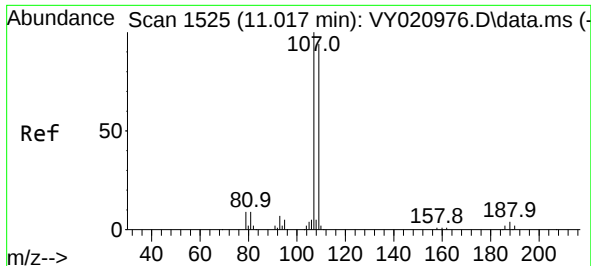
Tgt Ion: 43 Resp: 61899
Ion Ratio Lower Upper
43 100
58 61.3 29.8 89.3



#60
Dibromochloromethane
Concen: 18.917 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 129 Resp: 37317
Ion Ratio Lower Upper
129 100
127 79.9 38.5 115.3

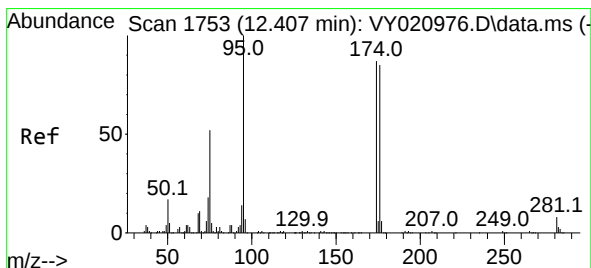
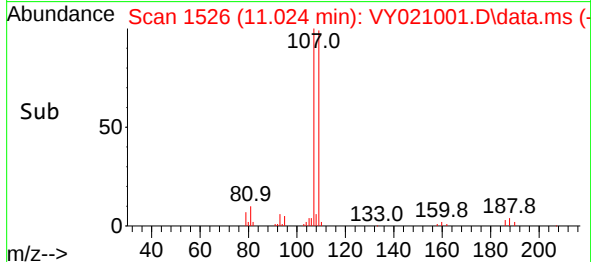
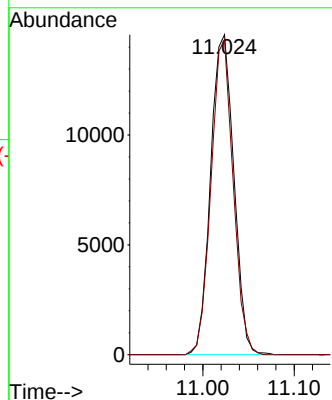
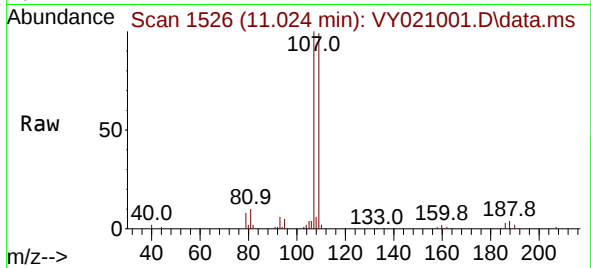




#61
1,2-Dibromoethane
Concen: 19.420 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

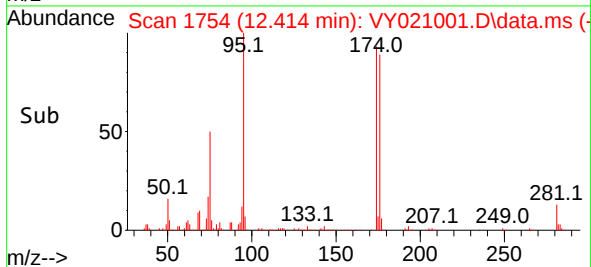
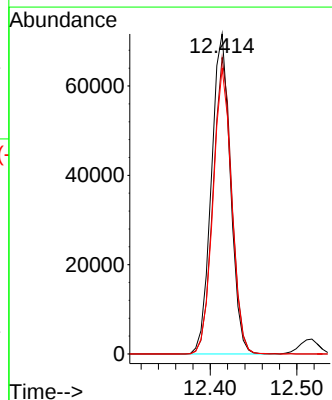
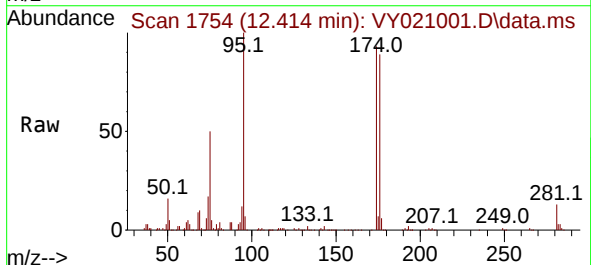
Instrument :
MSVOA_Y
ClientSampleId :

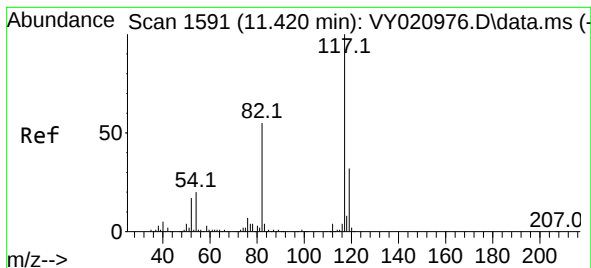
Tgt Ion:107 Resp: 25663
Ion Ratio Lower Upper
107 100
109 93.5 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 43.858 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 95 Resp: 109143
Ion Ratio Lower Upper
95 100
174 91.2 0.0 181.2
176 87.7 0.0 175.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

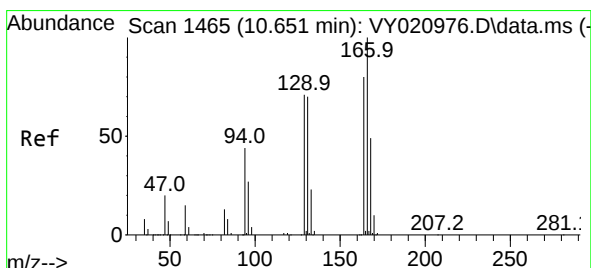
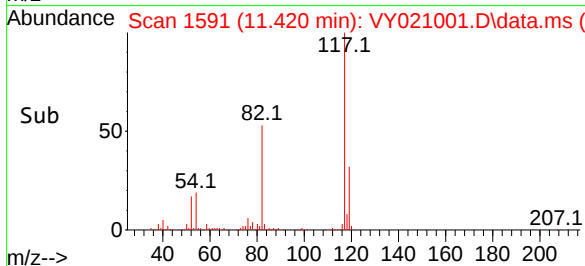
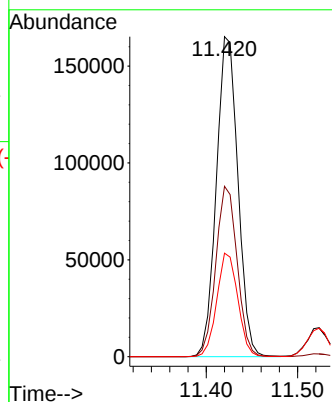
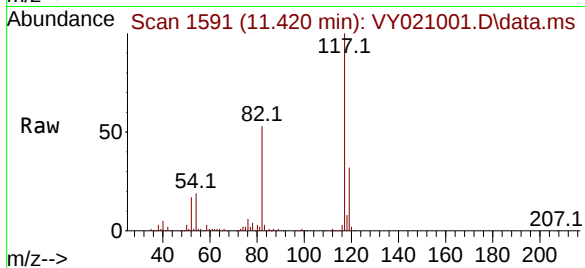
Tgt Ion:117 Resp: 271150

Ion Ratio Lower Upper

117 100

82 53.2 44.2 66.2

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 18.428 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Tgt Ion:164 Resp: 37692

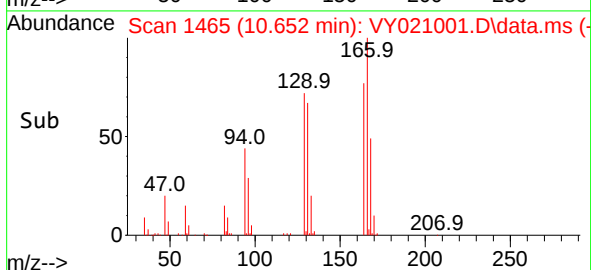
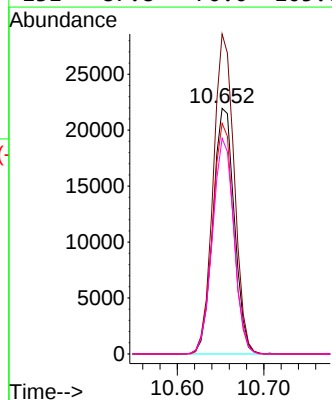
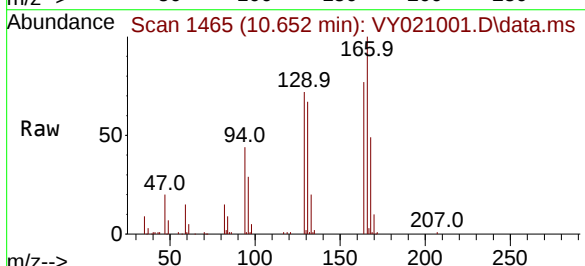
Ion Ratio Lower Upper

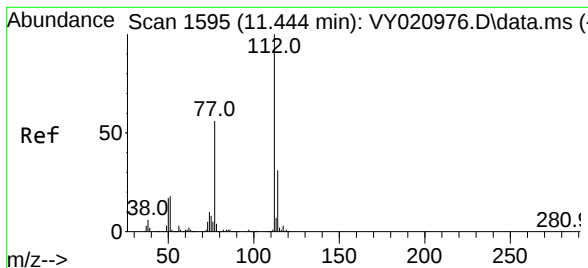
164 100

166 130.3 100.4 150.6

129 93.8 70.8 106.2

131 87.8 70.0 105.0





#65

Chlorobenzene

Concen: 18.514 ug/l

RT: 11.450 min Scan# 1596

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

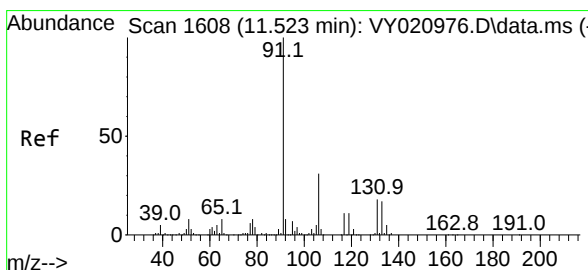
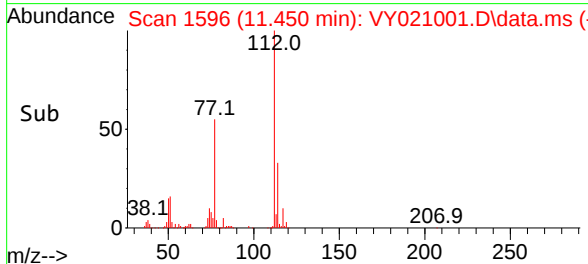
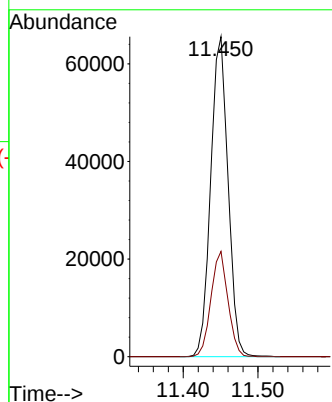
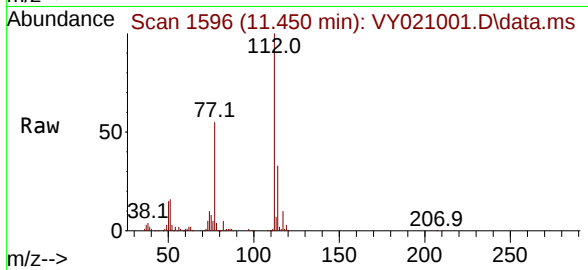
ClientSampleId :

Tgt Ion:112 Resp: 105768

Ion Ratio Lower Upper

112 100

114 32.9 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 18.904 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

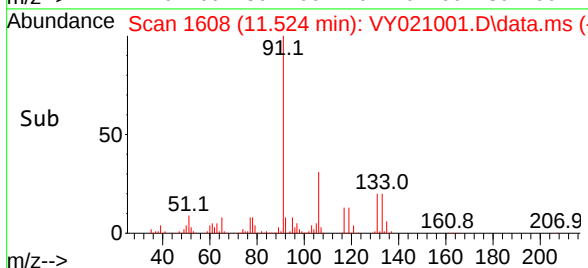
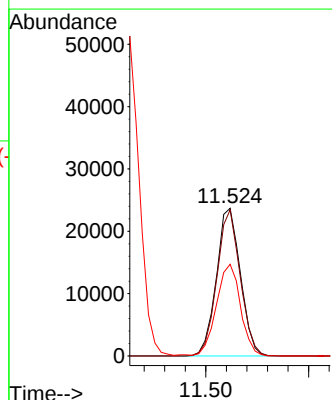
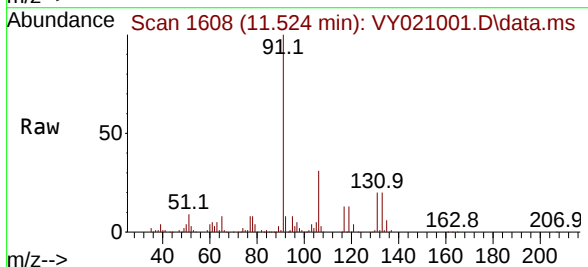
Tgt Ion:131 Resp: 38328

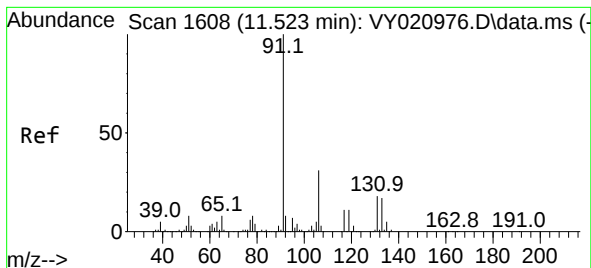
Ion Ratio Lower Upper

131 100

133 96.0 48.7 146.1

119 62.5 31.4 94.3





#67

Ethyl Benzene

Concen: 18.487 ug/l

RT: 11.524 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

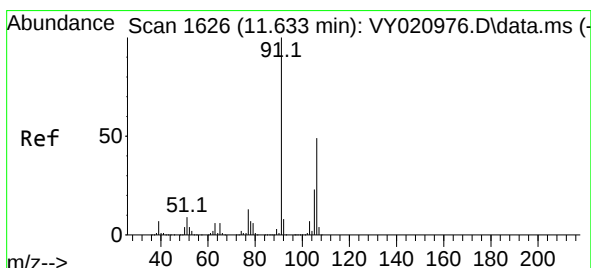
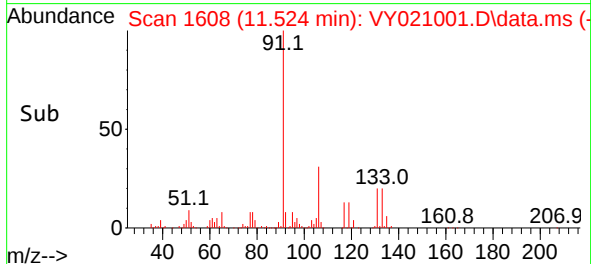
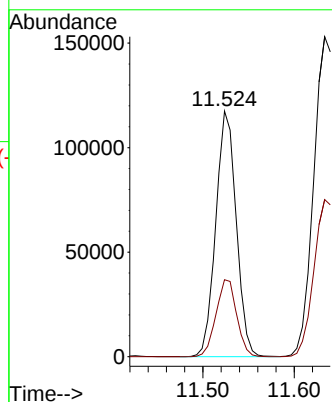
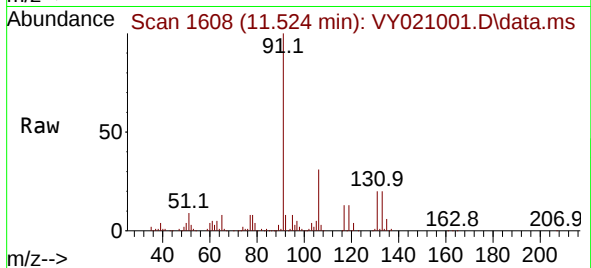
ClientSampleId :

Tgt Ion: 91 Resp: 182865

Ion Ratio Lower Upper

91 100

106 31.3 24.9 37.3



#68

m/p-Xylenes

Concen: 36.636 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY021001.D

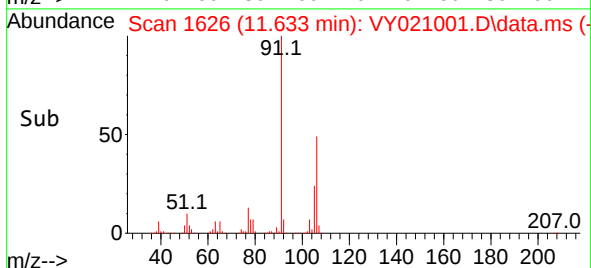
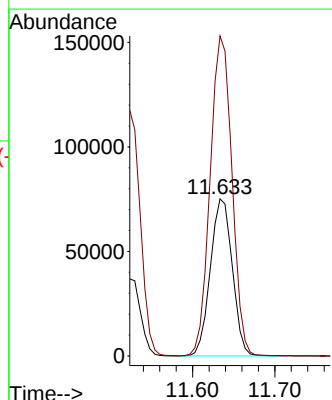
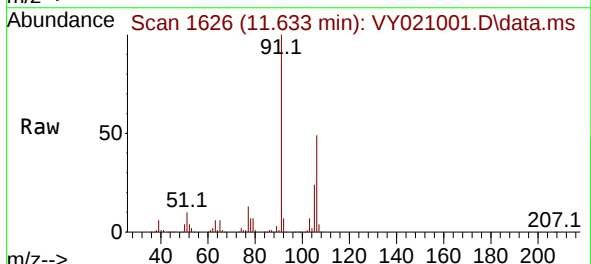
Acq: 31 Jan 2025 10:46

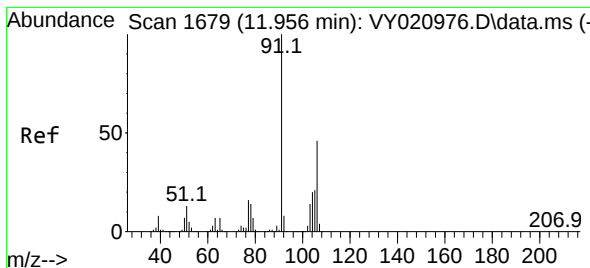
Tgt Ion:106 Resp: 139228

Ion Ratio Lower Upper

106 100

91 203.2 160.0 240.0





#69

o-Xylene

Concen: 18.702 ug/l

RT: 11.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

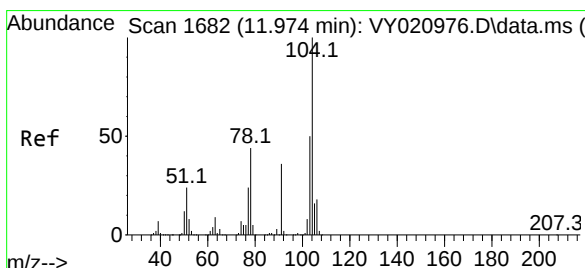
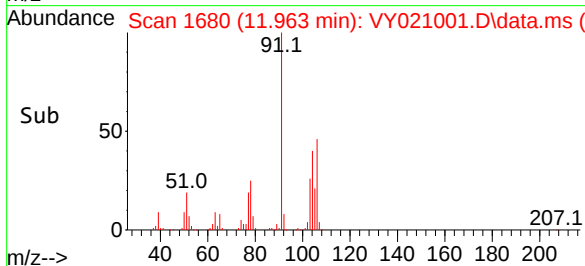
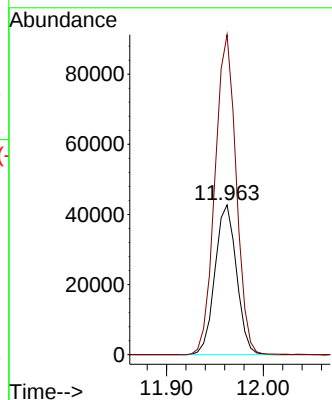
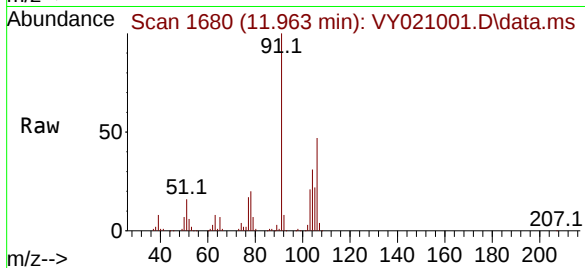
ClientSampleId :

Tgt Ion:106 Resp: 66070

Ion Ratio Lower Upper

106 100

91 210.6 105.8 317.6



#70

Styrene

Concen: 18.876 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

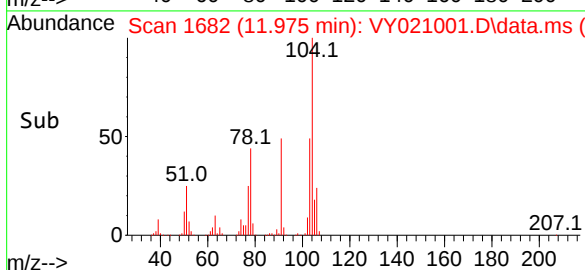
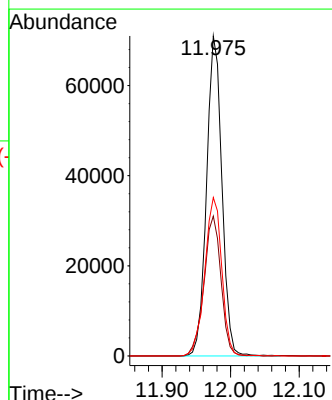
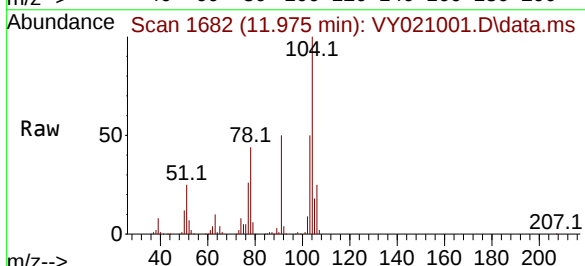
Tgt Ion:104 Resp: 110718

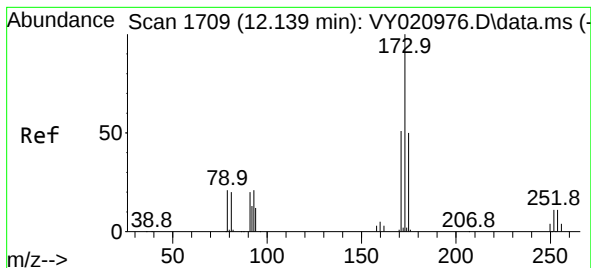
Ion Ratio Lower Upper

104 100

78 48.2 39.0 58.4

103 54.9 43.7 65.5





#71

Bromoform

Concen: 19.645 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021001.D

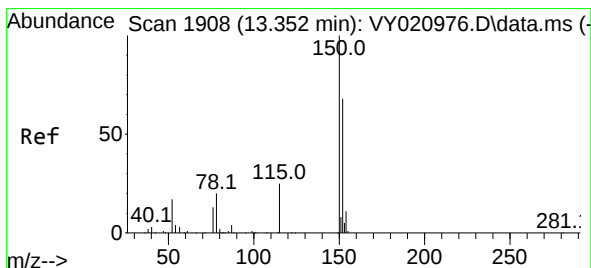
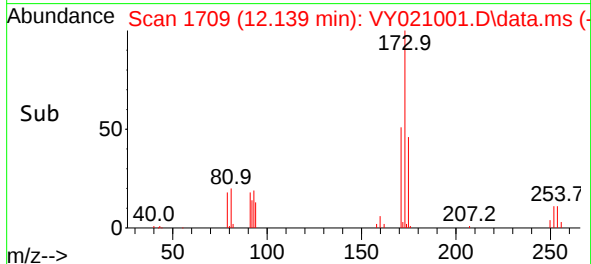
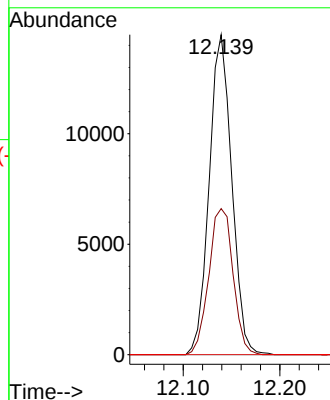
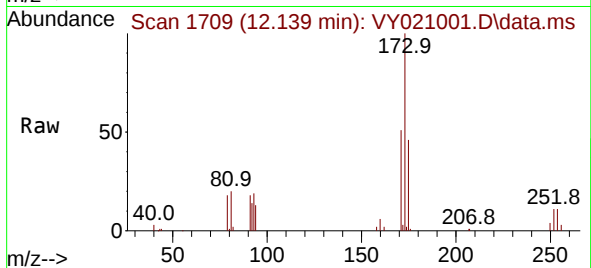
Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	23475
Ion Ratio	Lower	Upper
173	100	
175	49.1	24.1 72.2
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

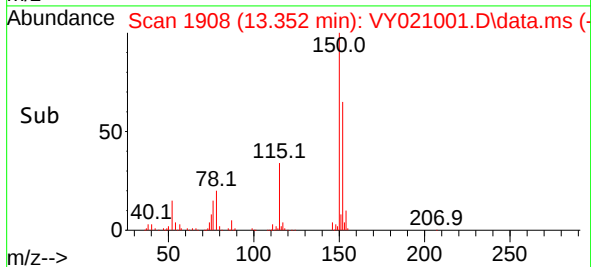
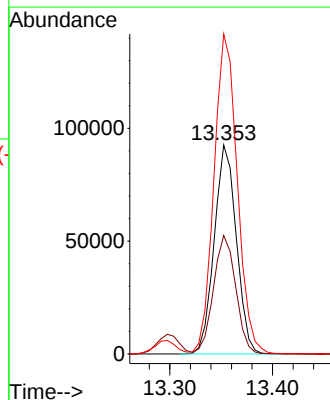
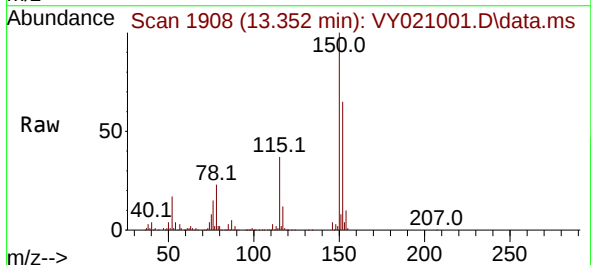
RT: 13.352 min Scan# 1908

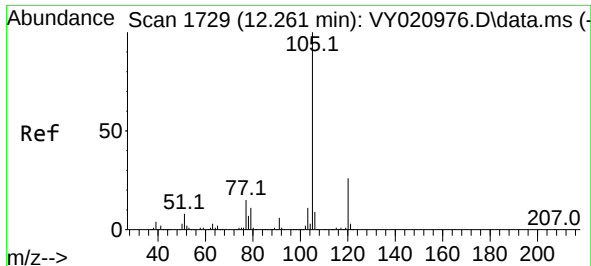
Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Tgt Ion:152	Resp:	138168
Ion Ratio	Lower	Upper
152	100	
115	57.1	28.4 85.2
150	161.6	0.0 342.8

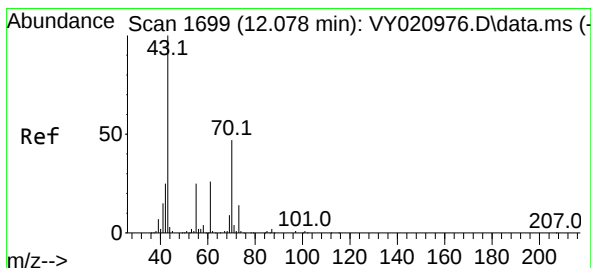
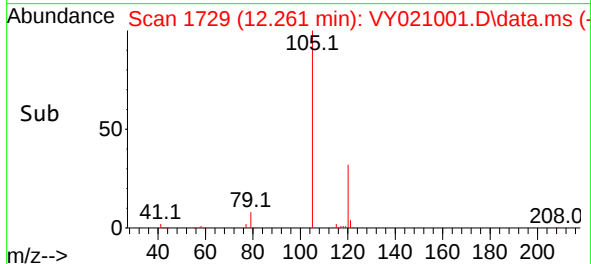
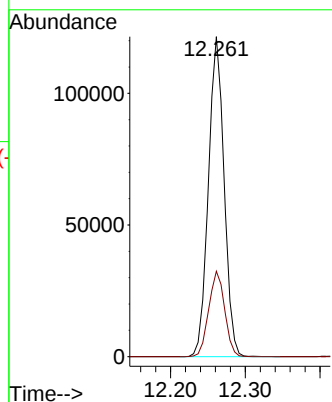
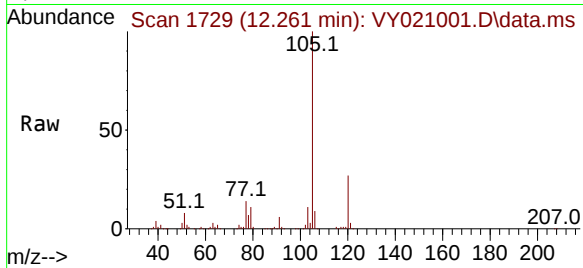




#73
Isopropylbenzene
Concen: 18.275 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

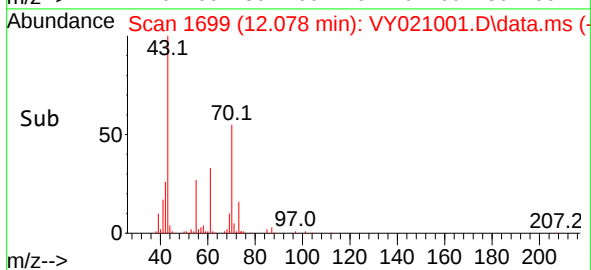
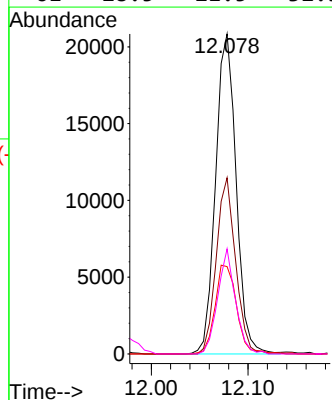
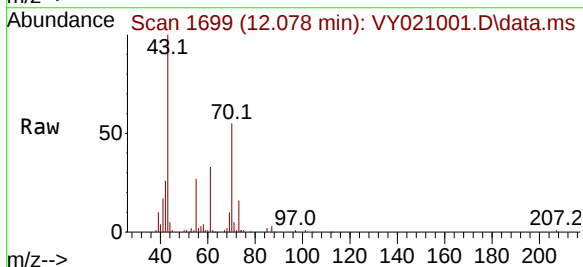
Instrument :
MSVOA_Y
ClientSampleId :

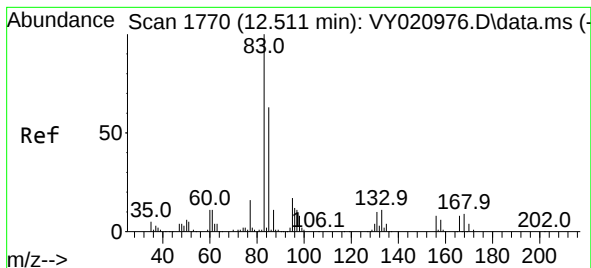
Tgt Ion:105 Resp: 177342
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 17.356 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 43 Resp: 30669
Ion Ratio Lower Upper
43 100
70 52.0 39.3 58.9
55 29.4 22.3 33.5
61 28.5 21.5 32.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.646 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

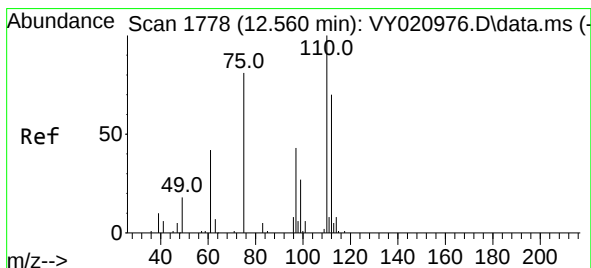
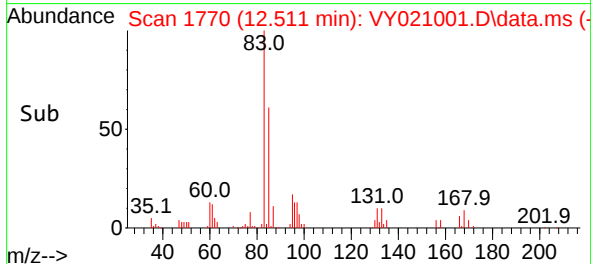
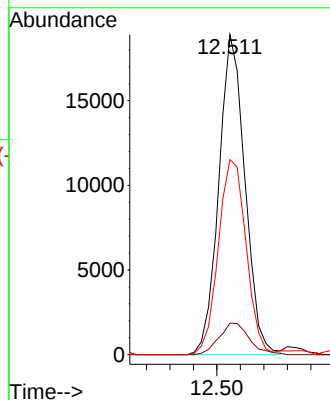
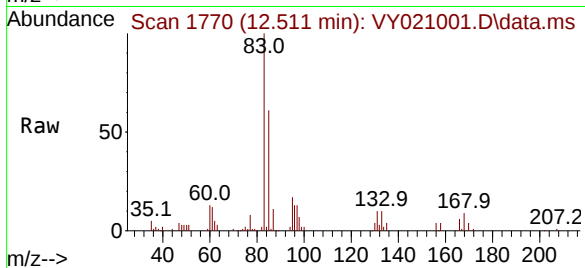
Tgt Ion: 83 Resp: 29207

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.1

85 65.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 34.327 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY021001.D

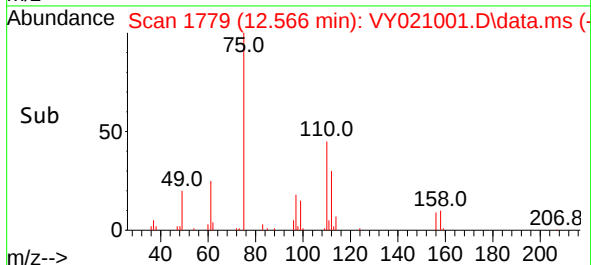
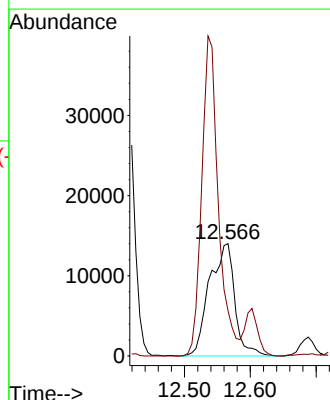
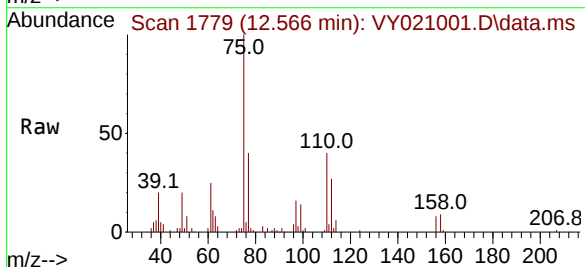
Acq: 31 Jan 2025 10:46

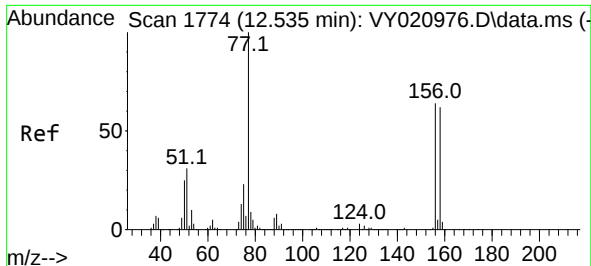
Tgt Ion: 75 Resp: 37546

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

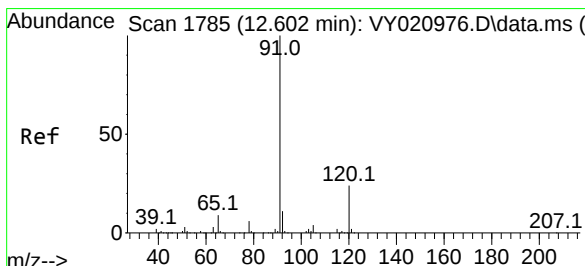
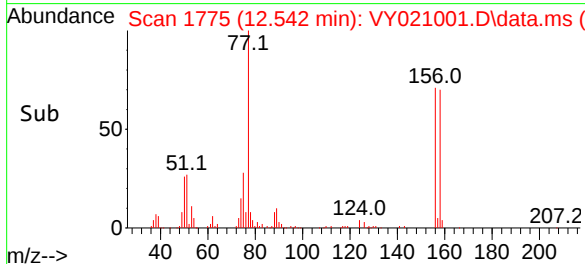
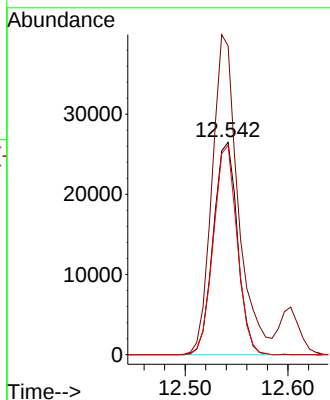
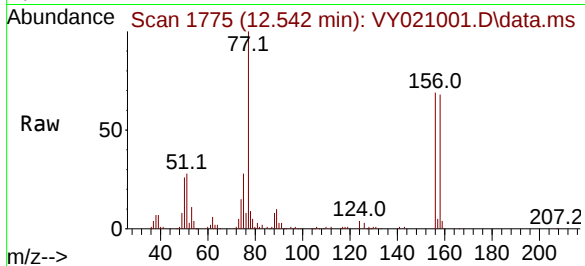




#77
Bromobenzene
Concen: 18.759 ug/l
RT: 12.542 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

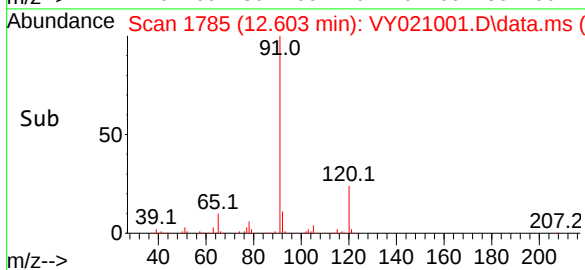
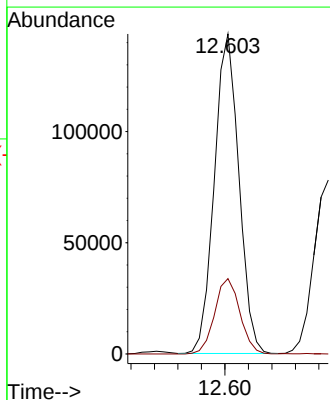
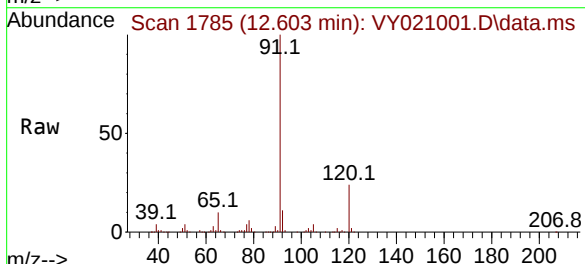
Instrument :
MSVOA_Y
ClientSampleId :

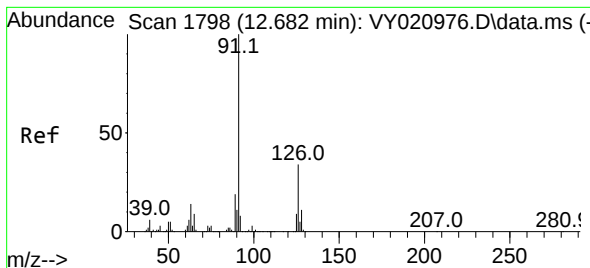
Tgt Ion:156 Resp: 43158
Ion Ratio Lower Upper
156 100
77 163.2 83.3 249.9
158 97.0 48.3 144.9



#78
n-propylbenzene
Concen: 18.349 ug/l
RT: 12.603 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 91 Resp: 208685
Ion Ratio Lower Upper
91 100
120 24.2 11.8 35.4

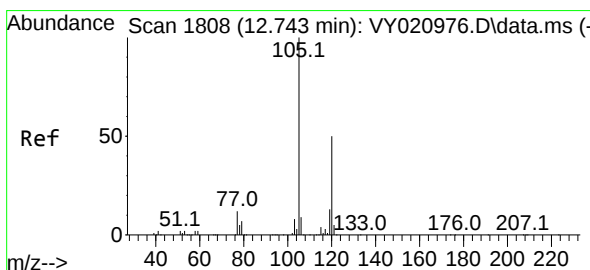
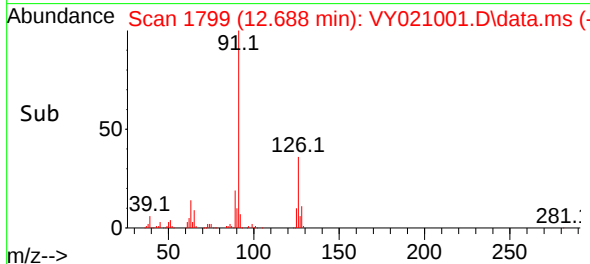
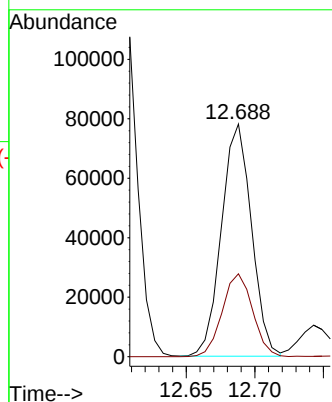
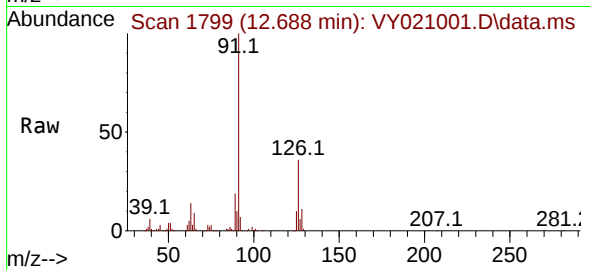




#79
2-Chlorotoluene
Concen: 18.390 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

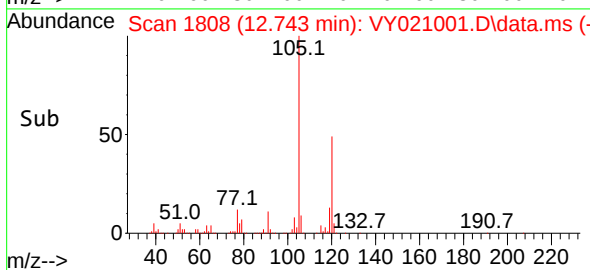
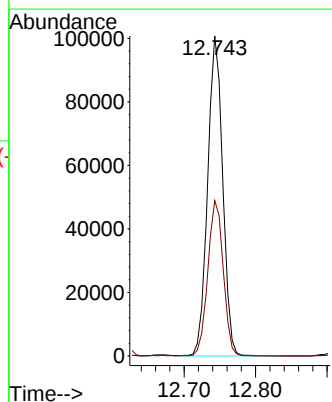
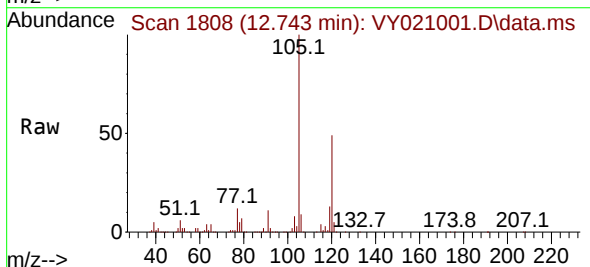
Instrument :
MSVOA_Y
ClientSampleId :

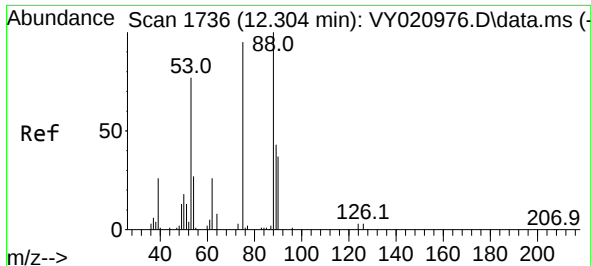
Tgt Ion: 91 Resp: 119160
Ion Ratio Lower Upper
91 100
126 36.1 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 18.544 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 105 Resp: 147429
Ion Ratio Lower Upper
105 100
120 49.7 24.3 72.9

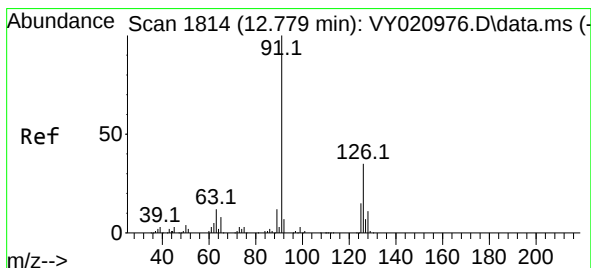
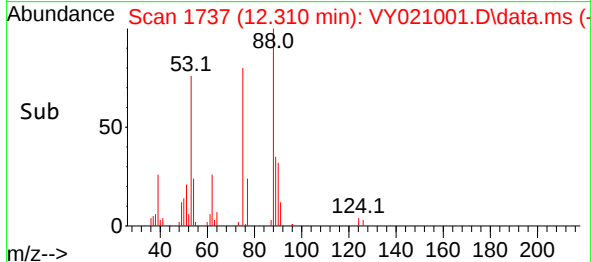
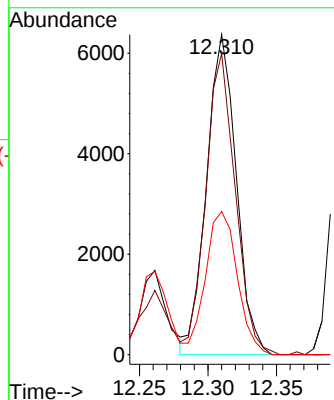
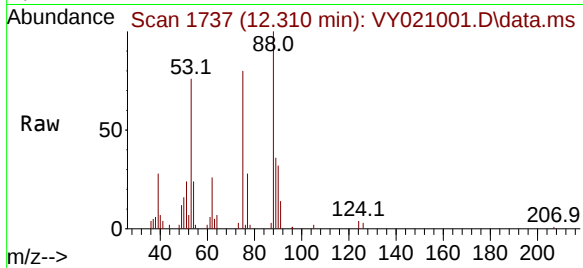




#81
trans-1,4-Dichloro-2-butene
Concen: 18.231 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

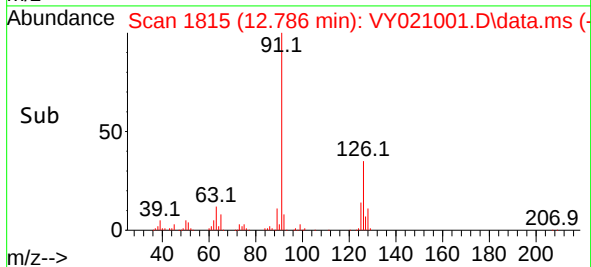
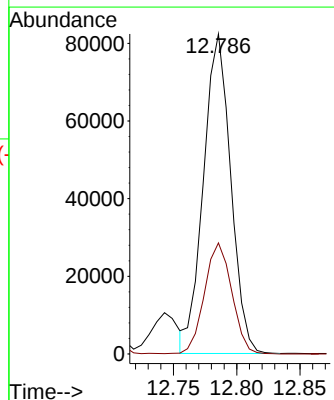
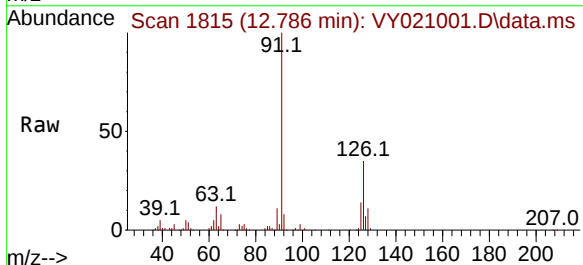
Instrument :
MSVOA_Y
ClientSampleId :

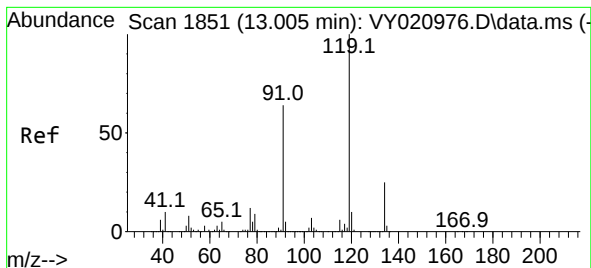
Tgt Ion: 75 Resp: 9606
Ion Ratio Lower Upper
75 100
53 93.6 68.6 103.0
89 47.5 38.1 57.1



#82
4-Chlorotoluene
Concen: 18.608 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion: 91 Resp: 123402
Ion Ratio Lower Upper
91 100
126 34.8 17.3 52.0

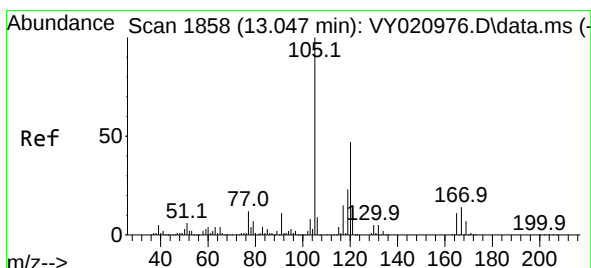
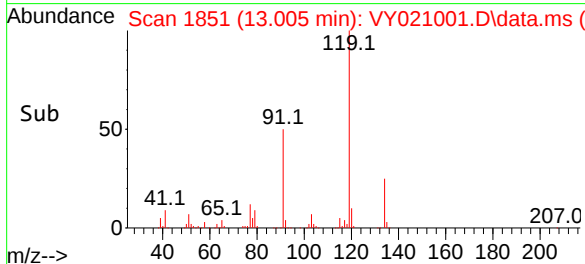
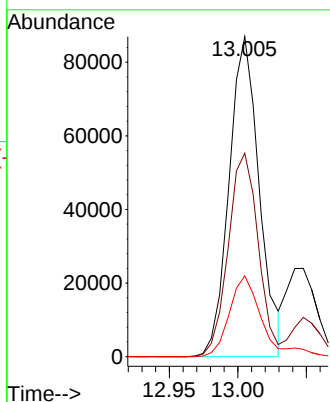
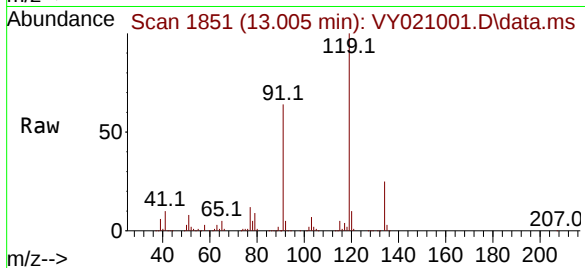




#83
tert-Butylbenzene
Concen: 18.064 ug/l
RT: 13.005 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

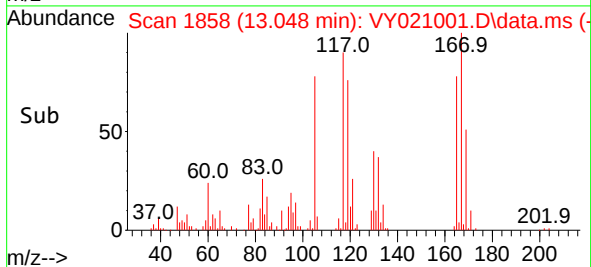
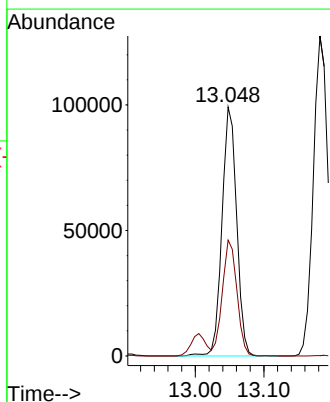
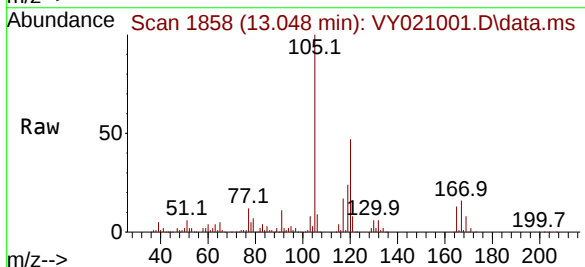
Instrument :
MSVOA_Y
ClientSampleId :

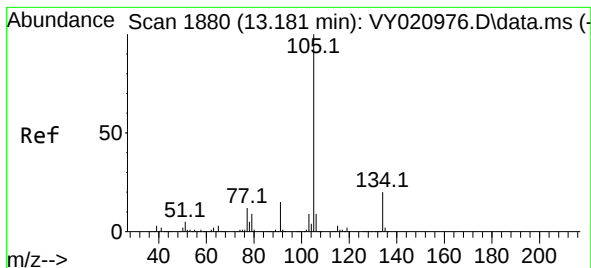
Tgt Ion:119 Resp: 133190
Ion Ratio Lower Upper
119 100
91 63.1 31.4 94.0
134 27.2 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 18.895 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY021001.D
Acq: 31 Jan 2025 10:46

Tgt Ion:105 Resp: 146737
Ion Ratio Lower Upper
105 100
120 46.2 22.7 68.0





#85

sec-Butylbenzene

Concen: 18.353 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

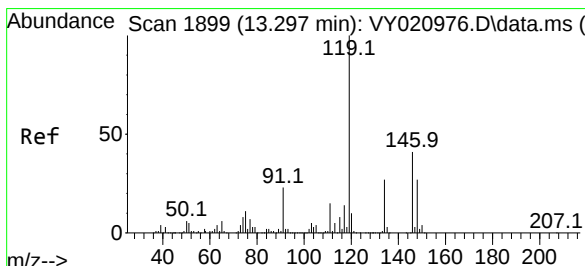
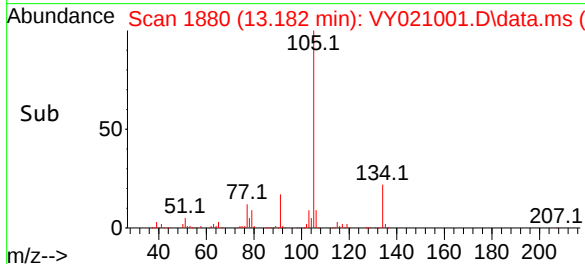
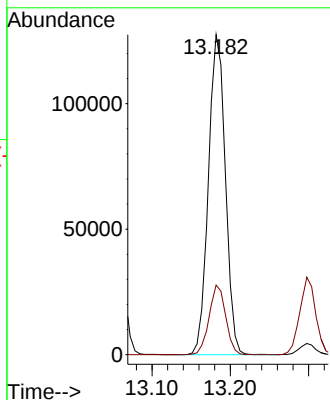
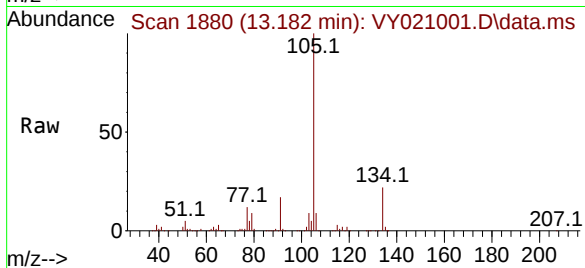
ClientSampleId :

Tgt Ion:105 Resp: 191584

Ion Ratio Lower Upper

105 100

134 21.2 10.3 30.8



#86

p-Isopropyltoluene

Concen: 18.613 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

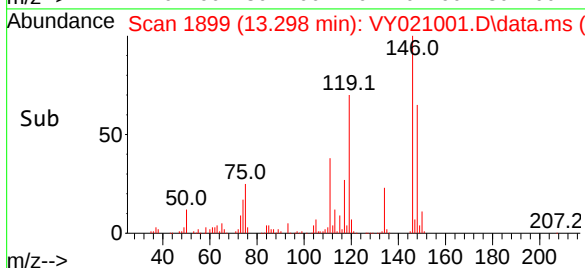
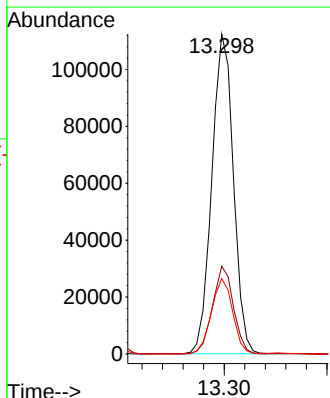
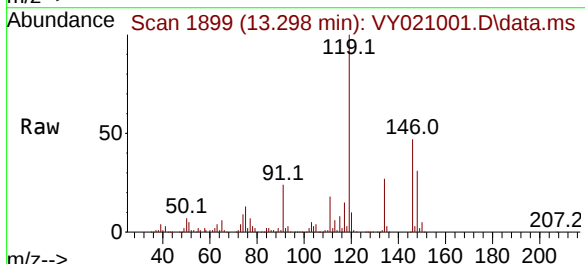
Tgt Ion:119 Resp: 163287

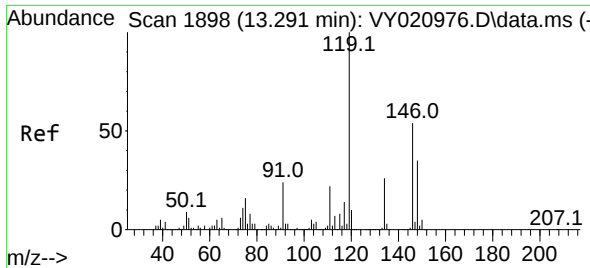
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 23.3 11.5 34.5

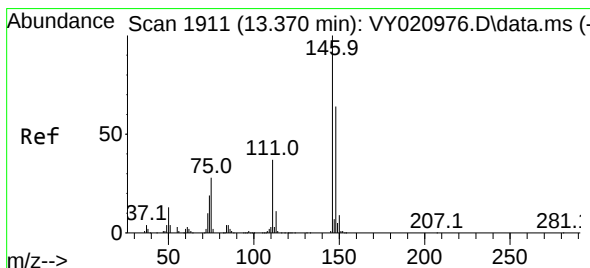
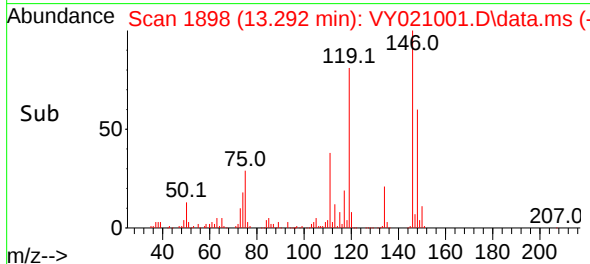
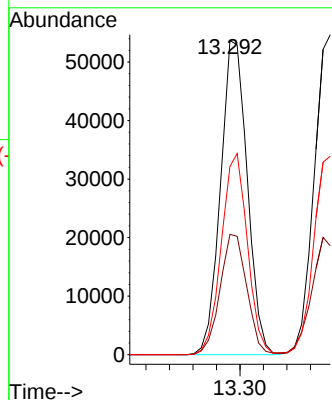
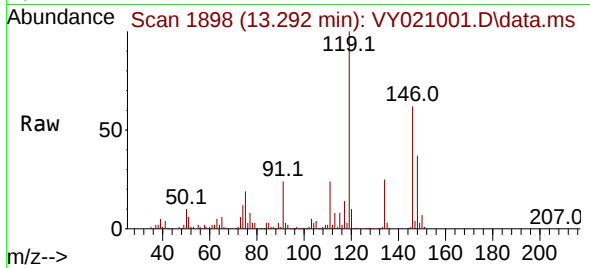




#87
 1,3-Dichlorobenzene
 Concen: 18.895 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY021001.D
 Acq: 31 Jan 2025 10:46

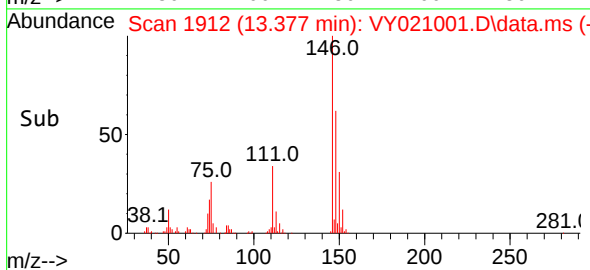
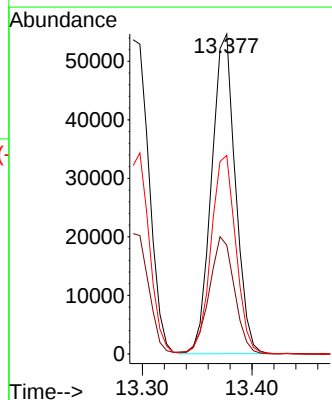
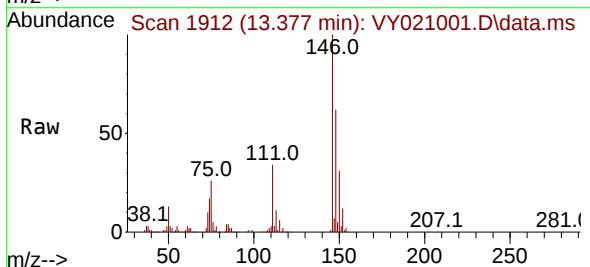
Instrument :
 MSVOA_Y
 ClientSampleId :

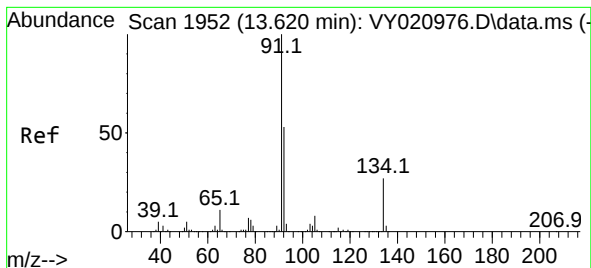
Tgt Ion:146 Resp: 84760
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.7 59.1
 148 62.5 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.552 ug/l
 RT: 13.377 min Scan# 1912
 Delta R.T. 0.006 min
 Lab File: VY021001.D
 Acq: 31 Jan 2025 10:46

Tgt Ion:146 Resp: 82639
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.0 57.0
 148 64.6 31.6 95.0





#89

n-Butylbenzene

Concen: 17.869 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

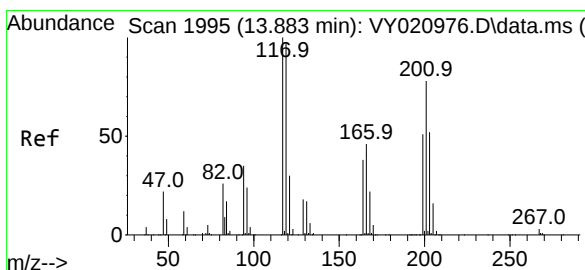
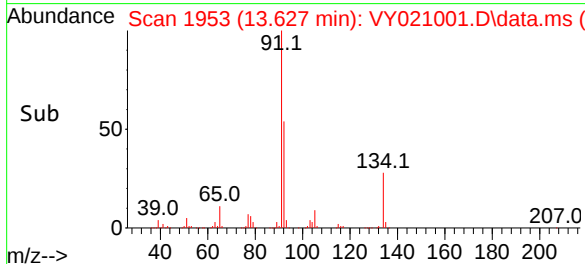
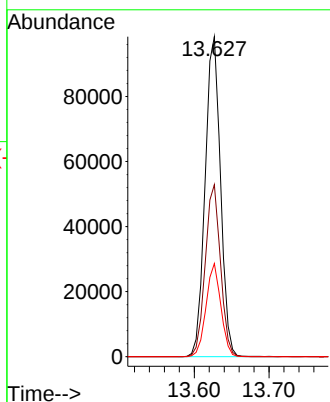
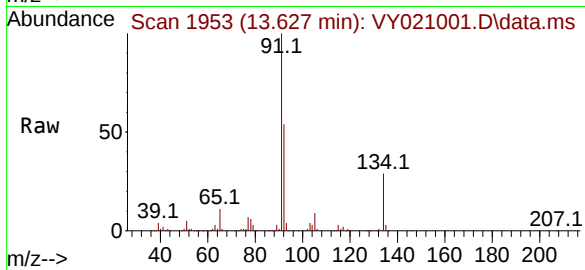
Tgt Ion: 91 Resp: 140411

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.1

134 28.0 13.7 41.1



#90

Hexachloroethane

Concen: 18.077 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY021001.D

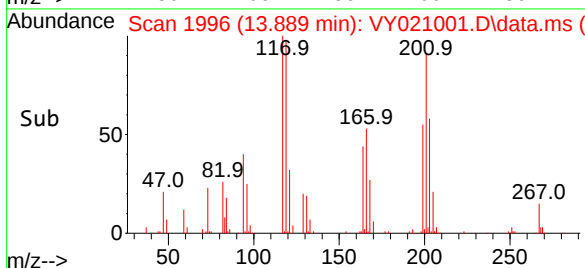
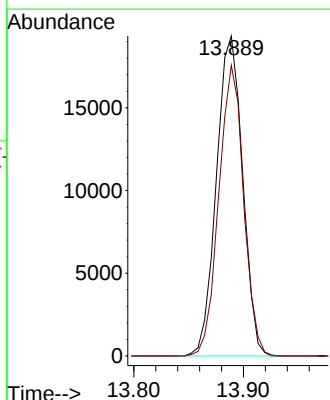
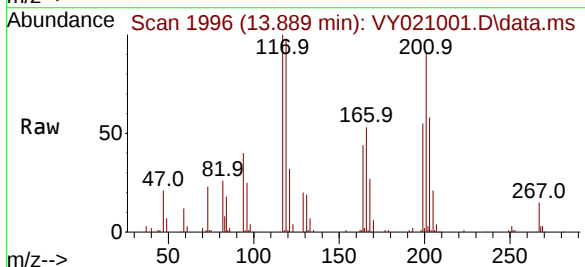
Acq: 31 Jan 2025 10:46

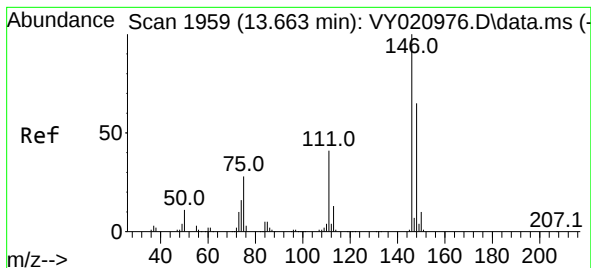
Tgt Ion: 117 Resp: 32082

Ion Ratio Lower Upper

117 100

201 86.0 42.5 127.5





#91

1,2-Dichlorobenzene

Concen: 18.679 ug/l

RT: 13.670 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

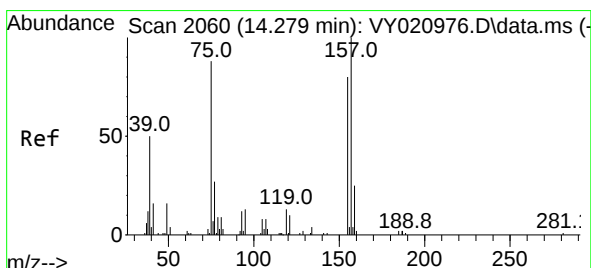
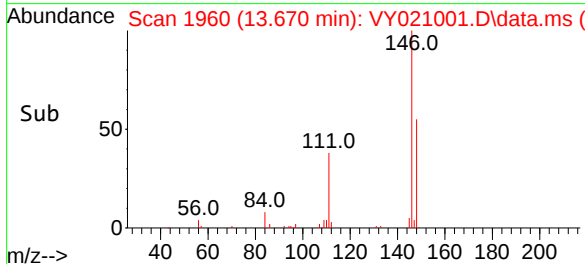
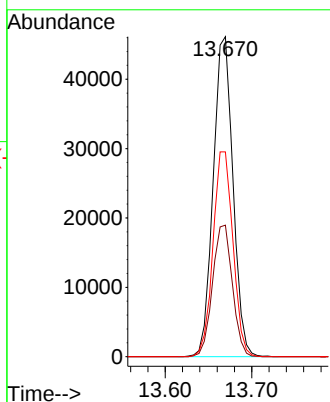
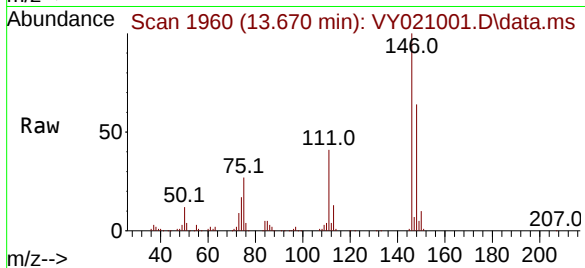
Tgt Ion:146 Resp: 73071

Ion Ratio Lower Upper

146 100

111 41.3 20.3 60.8

148 64.7 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.507 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.000 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

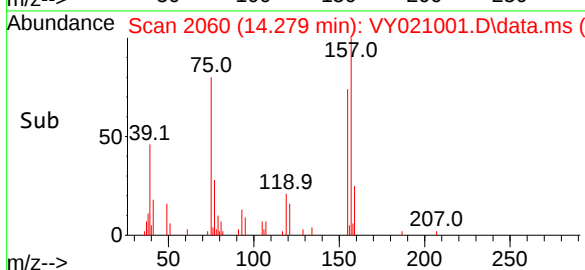
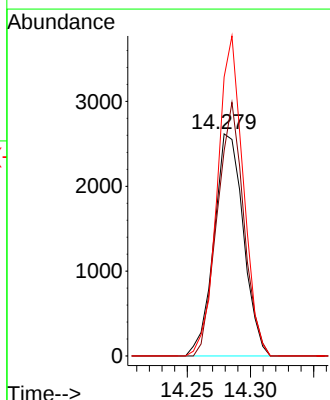
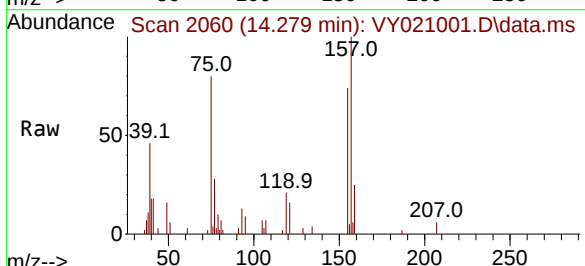
Tgt Ion: 75 Resp: 4222

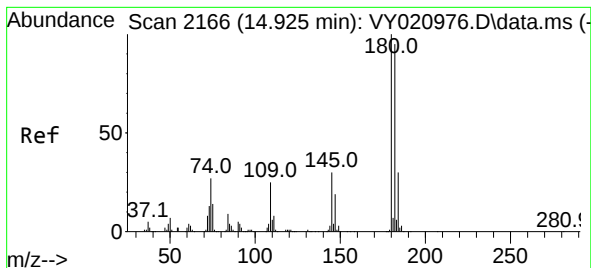
Ion Ratio Lower Upper

75 100

155 102.7 45.9 137.6

157 126.2 59.3 177.9





#93

1,2,4-Trichlorobenzene

Concen: 17.531 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

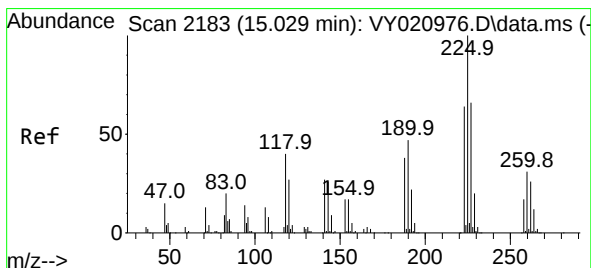
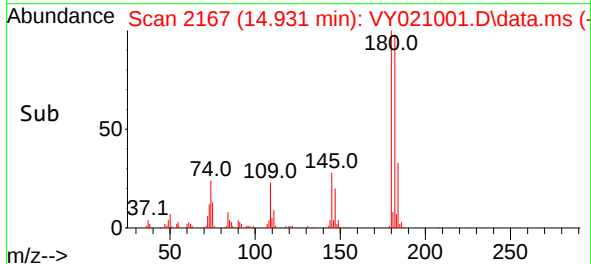
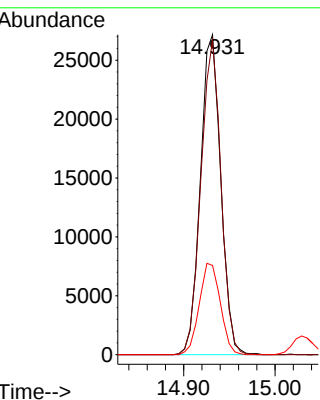
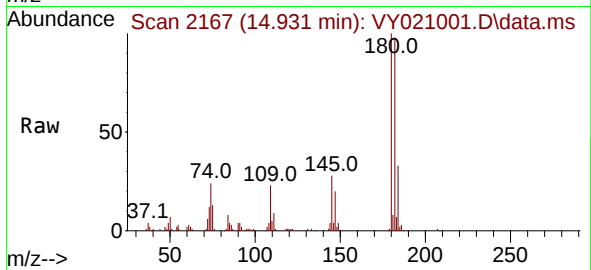
Tgt Ion:180 Resp: 41991

Ion Ratio Lower Upper

180 100

182 97.0 48.3 144.8

145 29.5 15.3 45.8



#94

Hexachlorobutadiene

Concen: 17.906 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

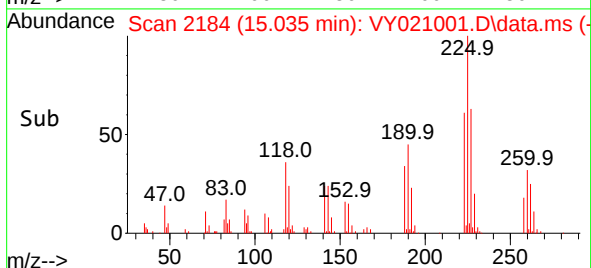
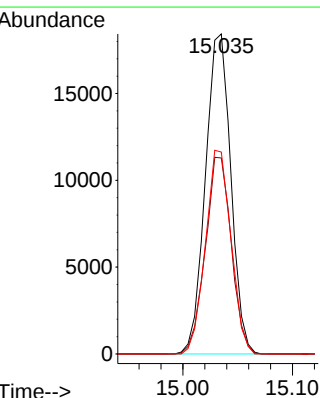
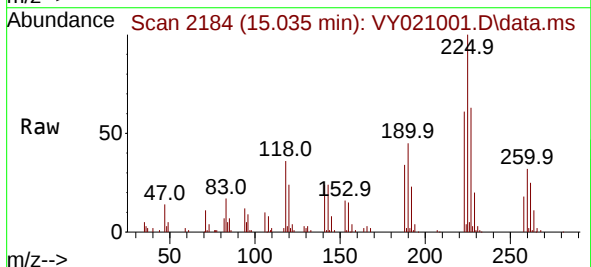
Tgt Ion:225 Resp: 29704

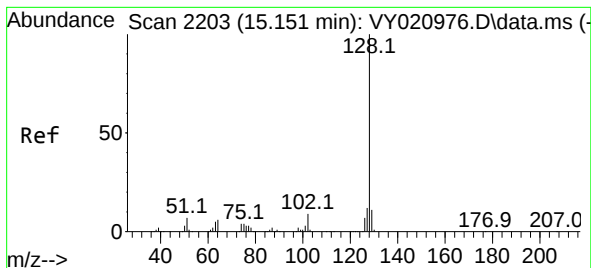
Ion Ratio Lower Upper

225 100

223 62.8 31.4 94.2

227 63.9 31.8 95.3





#95

Naphthalene

Concen: 18.980 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. -0.000 min

Lab File: VY021001.D

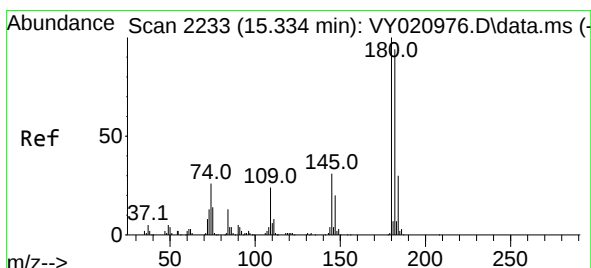
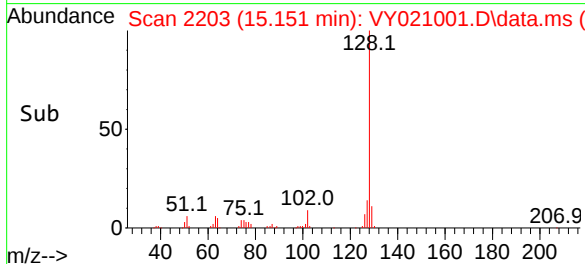
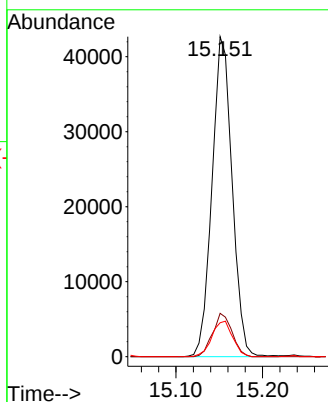
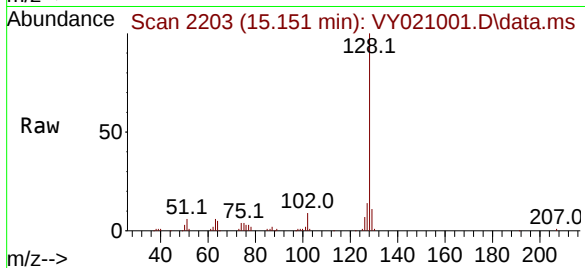
Acq: 31 Jan 2025 10:46

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 68864
Ion Ratio	Lower Upper
128	100
127	13.1 10.2 15.4
129	11.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.610 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY021001.D

Acq: 31 Jan 2025 10:46

Tgt Ion:180	Resp: 35875
Ion Ratio	Lower Upper
180	100
182	99.9 47.7 143.1
145	32.2 15.6 46.7

