

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
 Data File : VY020921.D
 Acq On : 23 Jan 2025 19:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 24 00:21:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 00:38:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.725	168	198241	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.627	114	292276	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	248082	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.358	152	124223	50.000	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	80748	47.922	ug/l	-0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.840%
35) Dibromofluoromethane	7.652	113	87164	47.602	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.200%
50) Toluene-d8	10.121	98	339426	53.175	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.360%
62) 4-Bromofluorobenzene	12.419	95	111969	47.501	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	55200	37.941	ug/l	98
3) Chloromethane	2.074	50	36918	48.193	ug/l	99
4) Vinyl Chloride	2.214	62	45980	53.994	ug/l	95
5) Bromomethane	2.610	94	27817	45.862	ug/l	94
6) Chloroethane	2.751	64	29937	57.002	ug/l	98
7) Trichlorofluoromethane	3.074	101	120189	45.985	ug/l	95
8) Diethyl Ether	3.470	74	39693	48.564	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.836	101	83704	47.425	ug/l	100
10) Methyl Iodide	4.025	142	93336	49.346	ug/l	95
11) Tert butyl alcohol	4.903	59	28941	227.306	ug/l	98
12) 1,1-Dichloroethene	3.805	96	71321	46.134	ug/l	95
13) Acrolein	3.677	56	8287	231.767	ug/l	99
14) Allyl chloride	4.403	41	111511	49.997	ug/l	94
15) Acrylonitrile	5.085	53	91179	262.486	ug/l	99
16) Acetone	3.891	43	59526	248.431	ug/l	100
17) Carbon Disulfide	4.128	76	145739	43.456	ug/l	100
18) Methyl Acetate	4.409	43	45915	56.753	ug/l	95
19) Methyl tert-butyl Ether	5.134	73	210187	48.176	ug/l	98
20) Methylene Chloride	4.640	84	80194	48.463	ug/l	99
21) trans-1,2-Dichloroethene	5.140	96	79113	46.470	ug/l	98
22) Diisopropyl ether	6.036	45	260217	54.770	ug/l	99
23) Vinyl Acetate	5.982	43	704525	268.941	ug/l	98
24) 1,1-Dichloroethane	5.939	63	155956	49.753	ug/l	99
25) 2-Butanone	6.914	43	106374	270.261	ug/l	97
26) 2,2-Dichloropropane	6.902	77	147429	45.299	ug/l	100
27) cis-1,2-Dichloroethene	6.908	96	103109	48.003	ug/l	98
28) Bromochloromethane	7.262	49	51347	60.706	ug/l	95
29) Tetrahydrofuran	7.280	42	69151	275.031	ug/l	94
30) Chloroform	7.439	83	171835	48.070	ug/l	97
31) Cyclohexane	7.719	56	112095	45.719	ug/l	97
32) 1,1,1-Trichloroethane	7.634	97	156033	44.749	ug/l	99
36) 1,1-Dichloropropene	7.847	75	110547	47.332	ug/l	99
37) Ethyl Acetate	7.000	43	50139	53.946	ug/l	98
38) Carbon Tetrachloride	7.835	117	143154	44.033	ug/l	97
39) Methylcyclohexane	9.121	83	133626	46.625	ug/l	98
40) Benzene	8.097	78	349120	48.705	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.231	41	30616	57.519	ug/l	94
42) 1,2-Dichloroethane	8.170	62	93255	47.639	ug/l	99
43) Isopropyl Acetate	8.213	43	99296	52.526	ug/l	99
44) Trichloroethene	8.877	130	94189	47.136	ug/l	95
45) 1,2-Dichloropropane	9.152	63	85254	52.463	ug/l	100
46) Dibromomethane	9.243	93	47162	50.541	ug/l	99
47) Bromodichloromethane	9.432	83	130899	48.980	ug/l	97
48) Methyl methacrylate	9.231	41	45524	53.715	ug/l	99
49) 1,4-Dioxane	9.249	88	9607	969.665	ug/l	97
51) 4-Methyl-2-Pentanone	10.011	43	262948	278.420	ug/l	98
52) Toluene	10.182	92	228560	48.151	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	119029	50.077	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	136983	49.623	ug/l	98
55) 1,1,2-Trichloroethane	10.584	97	69395	52.054	ug/l	95
56) Ethyl methacrylate	10.450	69	89720	53.290	ug/l	97
57) 1,3-Dichloropropane	10.725	76	112613	51.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	165651	248.015	ug/l	98
59) 2-Hexanone	10.773	43	171923	283.750	ug/l	97
60) Dibromochloromethane	10.920	129	95333	49.307	ug/l	100
61) 1,2-Dibromoethane	11.023	107	61944	51.756	ug/l	99
64) Tetrachloroethene	10.658	164	82435	45.196	ug/l	97
65) Chlorobenzene	11.450	112	260493	47.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.529	131	98226	47.041	ug/l	98
67) Ethyl Benzene	11.529	91	453404	47.745	ug/l	98
68) m/p-Xylenes	11.639	106	344524	94.228	ug/l	97
69) o-Xylene	11.968	106	165701	47.798	ug/l	96
70) Styrene	11.981	104	280340	48.040	ug/l	99
71) Bromoform	12.145	173	58073	48.922	ug/l #	99
73) Isopropylbenzene	12.267	105	451408	45.806	ug/l	100
74) N-amyl acetate	12.078	43	86853	53.879	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.517	83	77355	51.789	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	97204	89.430	ug/l #	100
77) Bromobenzene	12.541	156	105046	46.233	ug/l	97
78) n-propylbenzene	12.608	91	523452	46.796	ug/l	99
79) 2-Chlorotoluene	12.688	91	298863	46.397	ug/l	100
80) 1,3,5-Trimethylbenzene	12.749	105	362840	45.432	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.316	75	24923	48.348	ug/l	99
82) 4-Chlorotoluene	12.791	91	307549	46.265	ug/l	99
83) tert-Butylbenzene	13.011	119	349205	46.749	ug/l	96
84) 1,2,4-Trimethylbenzene	13.054	105	357624	45.855	ug/l	99
85) sec-Butylbenzene	13.188	105	484618	46.447	ug/l	100
86) p-Isopropyltoluene	13.303	119	405186	45.523	ug/l	100
87) 1,3-Dichlorobenzene	13.297	146	204570	46.338	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	201035	46.260	ug/l	99
89) n-Butylbenzene	13.627	91	363606	47.089	ug/l	99
90) Hexachloroethane	13.895	117	82607	46.221	ug/l	99
91) 1,2-Dichlorobenzene	13.669	146	180992	46.888	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.285	75	11189	46.330	ug/l	99
93) 1,2,4-Trichlorobenzene	14.931	180	107024	48.177	ug/l	100
94) Hexachlorobutadiene	15.035	225	72548	46.325	ug/l	99
95) Naphthalene	15.157	128	179711	49.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	91088	48.942	ug/l	99

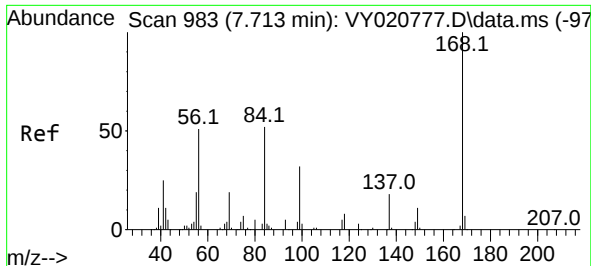
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012325\
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Quant Title : SW846 8260
QLast Update : Thu Jan 23 00:38:42 2025
Response via : Initial Calibration

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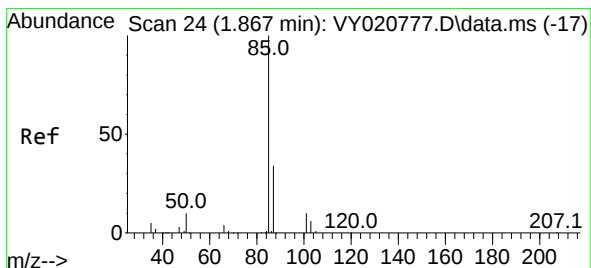
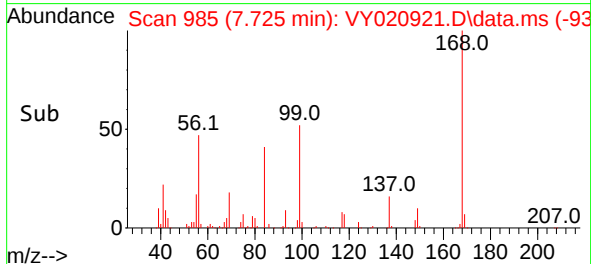
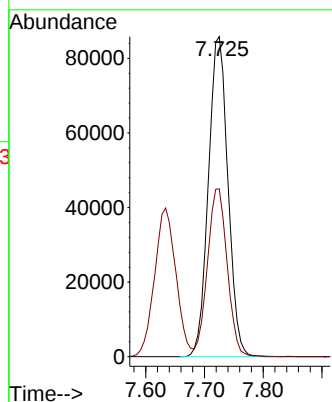
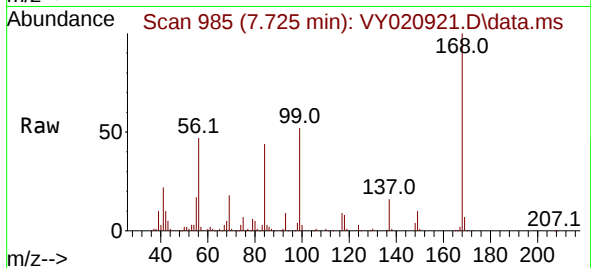
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

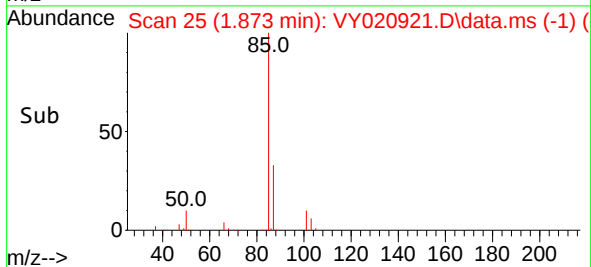
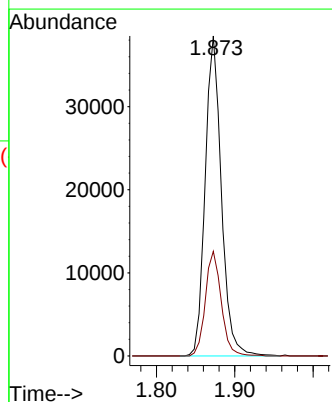
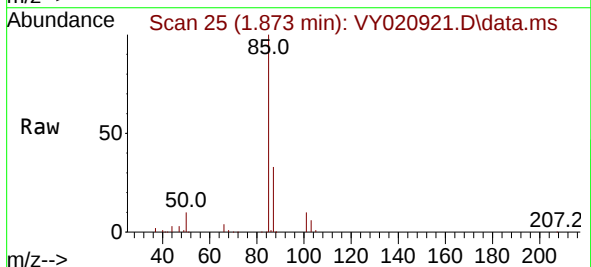
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ClientSampleId :

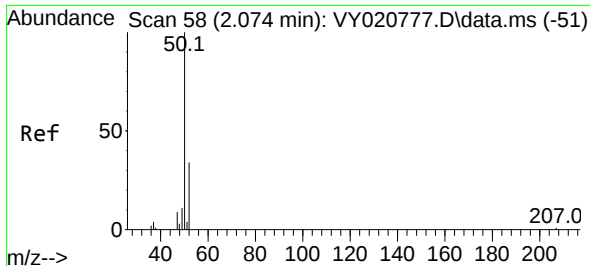
Tgt Ion:168 Resp: 198241
Ion Ratio Lower Upper
168 100
99 52.5 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 37.941 ug/l
RT: 1.873 min Scan# 25
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 85 Resp: 55200
Ion Ratio Lower Upper
85 100
87 32.7 16.9 50.6

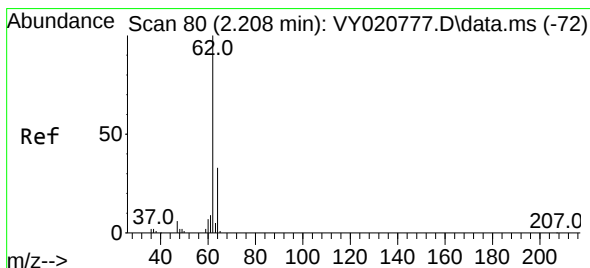
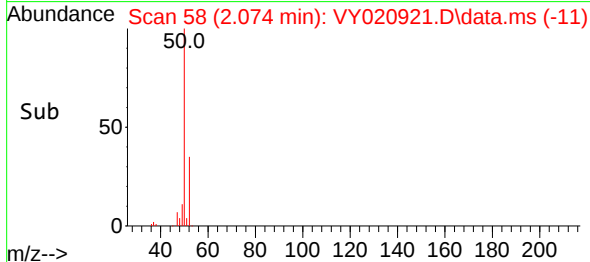
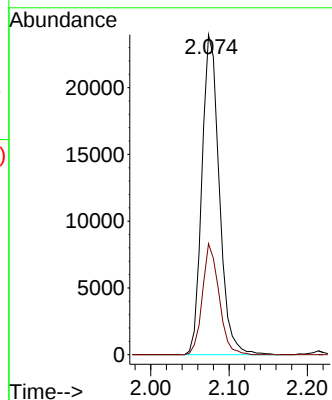
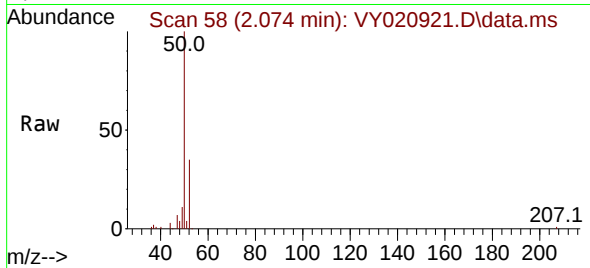




#3
Chloromethane
Concen: 48.193 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

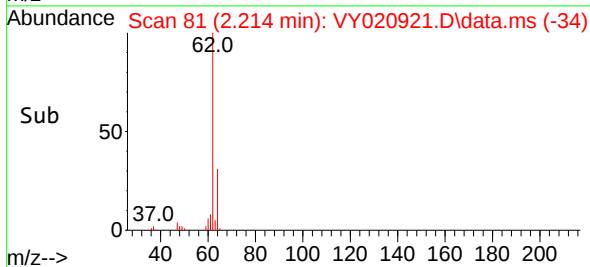
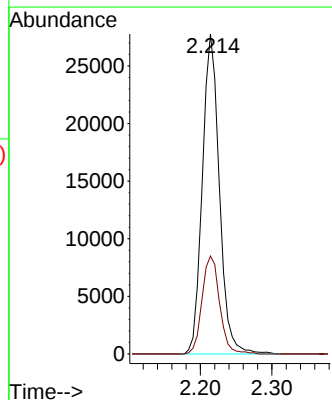
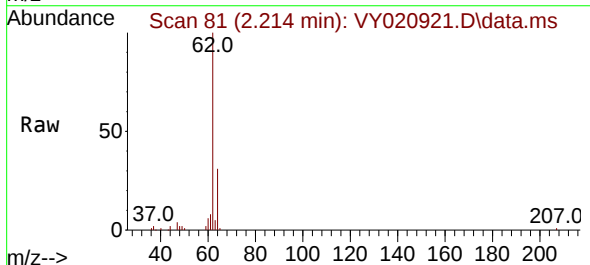
Instrument :
MSVOA_Y
ClientSampleId :

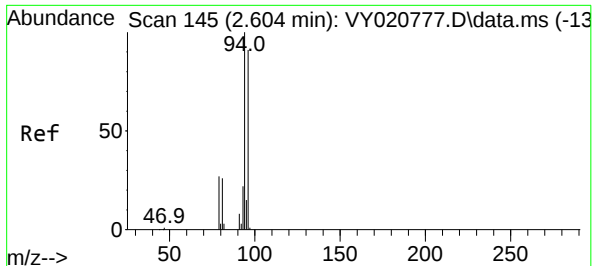
Tgt Ion: 50 Resp: 36918
Ion Ratio Lower Upper
50 100
52 34.7 27.3 40.9



#4
Vinyl Chloride
Concen: 53.994 ug/l
RT: 2.214 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 62 Resp: 45980
Ion Ratio Lower Upper
62 100
64 30.6 26.6 39.8

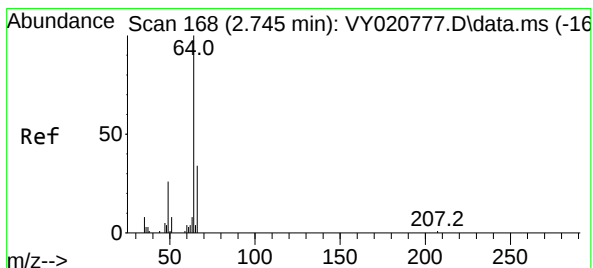
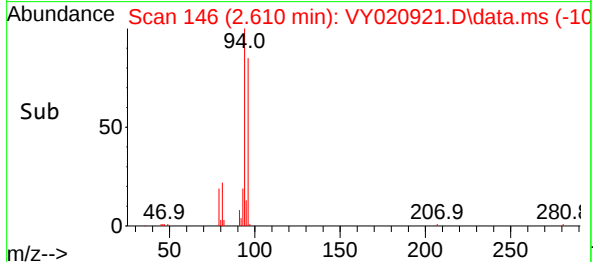
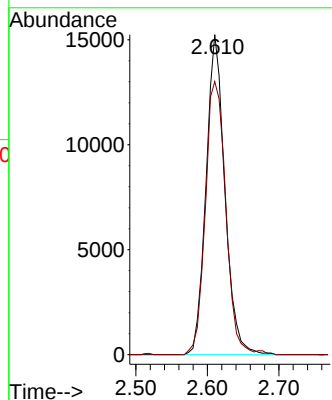
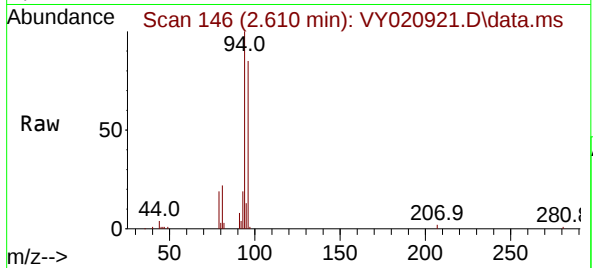




#5
Bromomethane
Concen: 45.862 ug/l
RT: 2.610 min Scan# 145
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

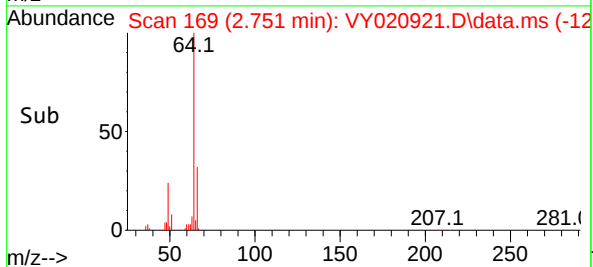
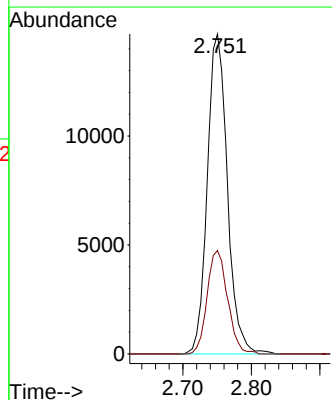
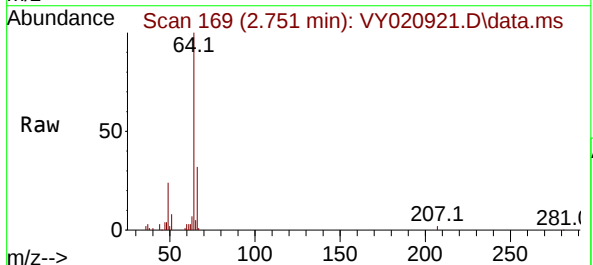
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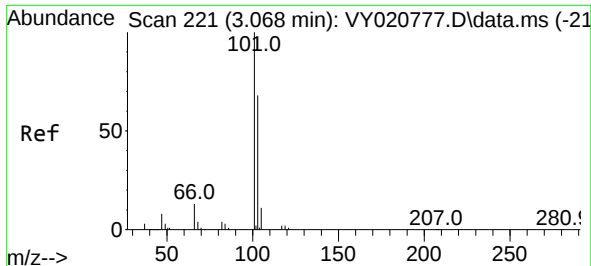
Tgt Ion: 94 Resp: 27817
Ion Ratio Lower Upper
94 100
96 85.4 72.6 109.0



#6
Chloroethane
Concen: 57.002 ug/l
RT: 2.751 min Scan# 169
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 64 Resp: 29937
Ion Ratio Lower Upper
64 100
66 32.3 26.9 40.3

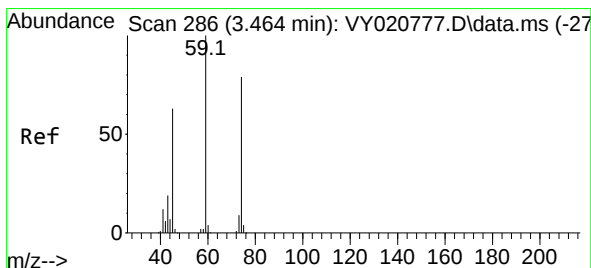
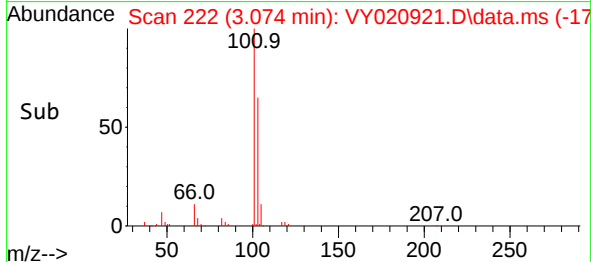
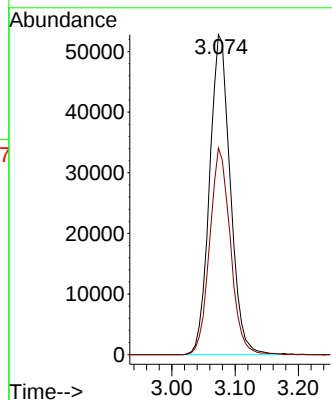
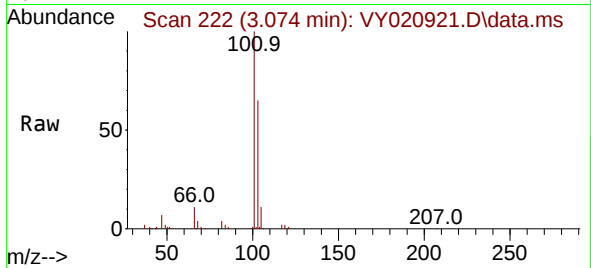




#7
Trichlorofluoromethane
Concen: 45.985 ug/l
RT: 3.074 min Scan# 21
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

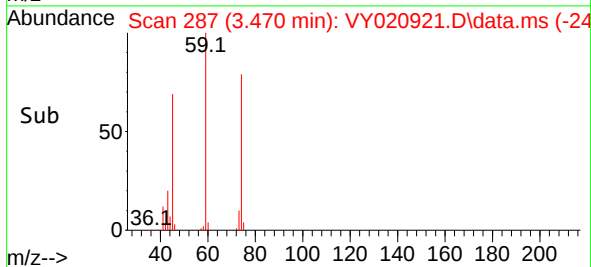
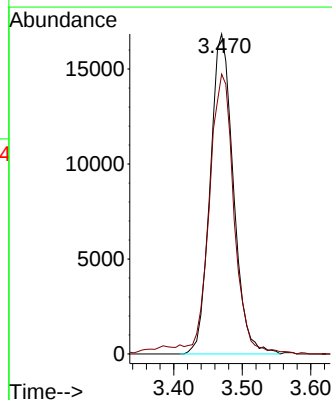
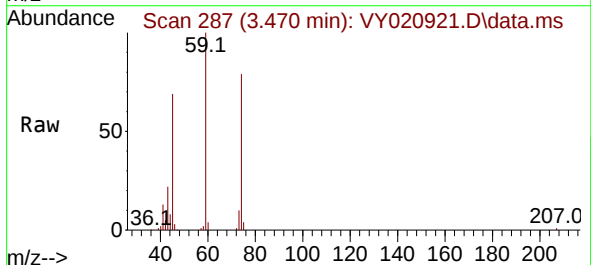
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MSVOA_Y
ClientSampleId :

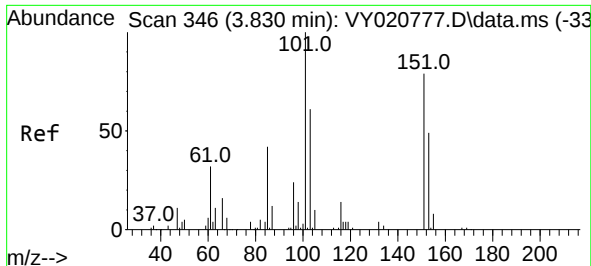
Tgt Ion:101 Resp: 120189
Ion Ratio Lower Upper
101 100
103 64.6 54.6 82.0



#8
Diethyl Ether
Concen: 48.564 ug/l
RT: 3.470 min Scan# 287
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 74 Resp: 39693
Ion Ratio Lower Upper
74 100
45 93.4 41.3 124.1

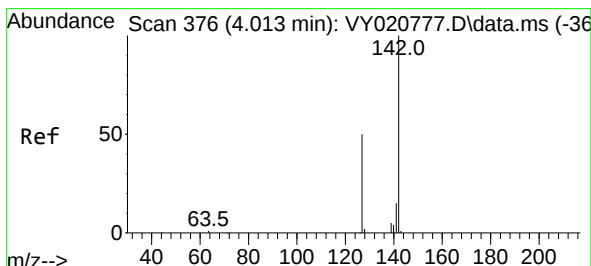
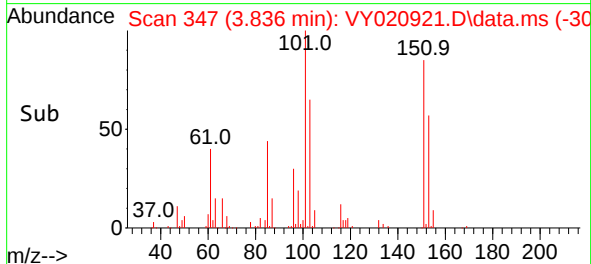
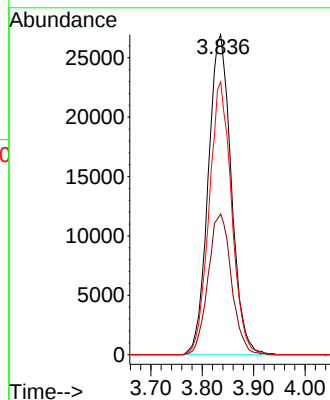
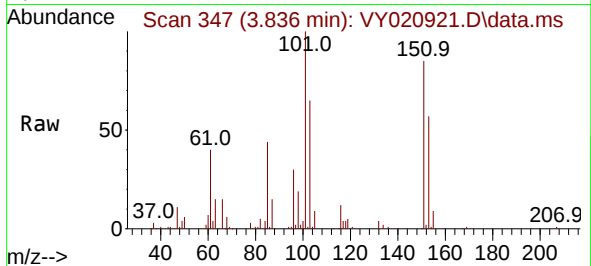




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.425 ug/l
RT: 3.836 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

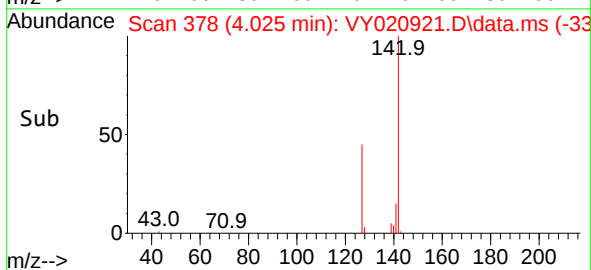
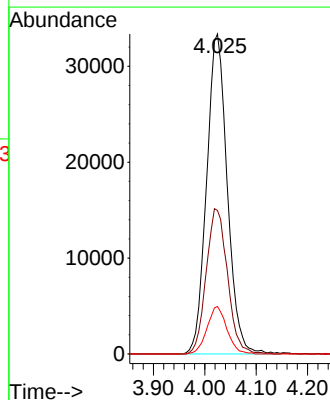
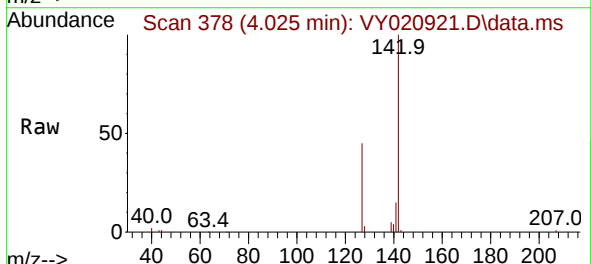
Instrument :
MSVOA_Y
ClientSampleId :

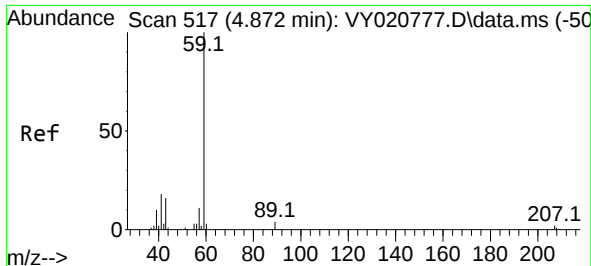
Tgt Ion:101 Resp: 83704
Ion Ratio Lower Upper
101 100
85 44.6 35.9 53.9
151 83.3 66.9 100.3



#10
Methyl Iodide
Concen: 49.346 ug/l
RT: 4.025 min Scan# 378
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion:142 Resp: 93336
Ion Ratio Lower Upper
142 100
127 46.8 41.0 61.6
141 14.3 11.6 17.4

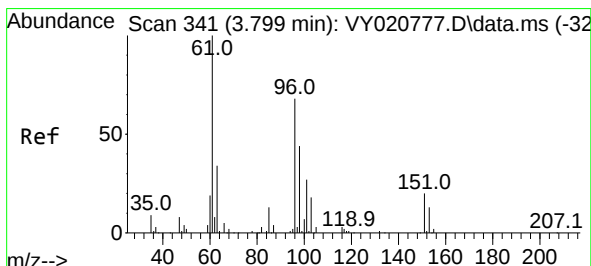
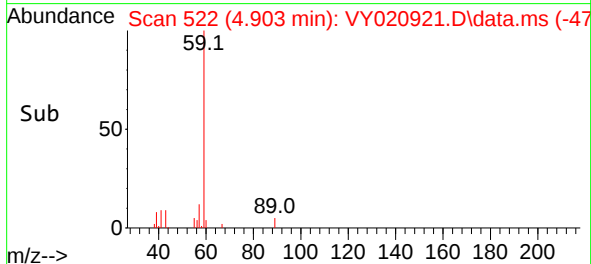
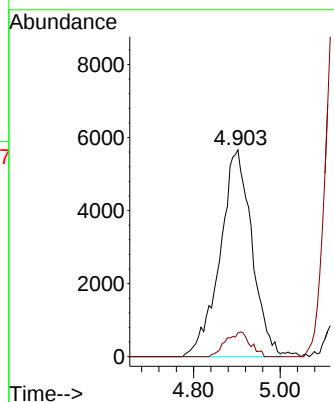
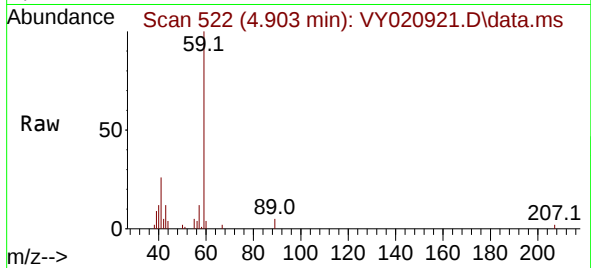




#11
Tert butyl alcohol
Concen: 227.306 ug/l
RT: 4.903 min Scan# 517
Delta R.T. -0.024 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

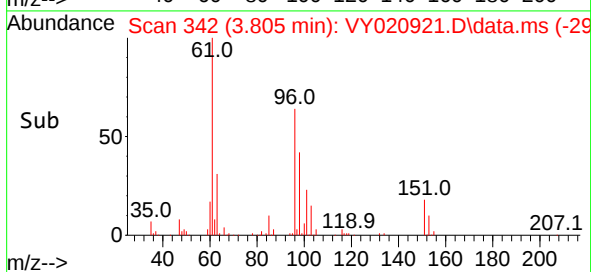
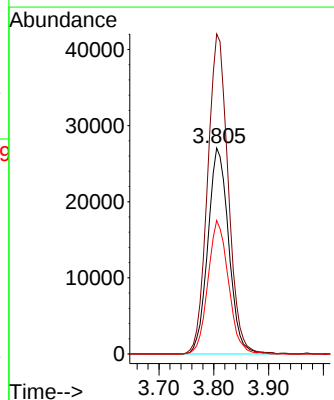
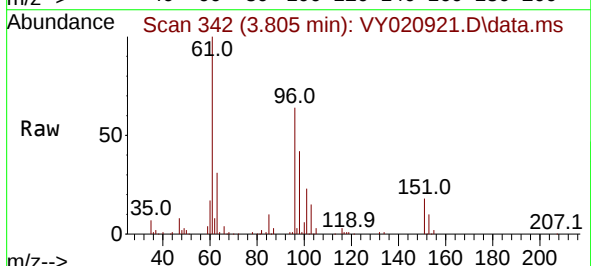
Instrument :
MSVOA_Y
ClientSampleId :

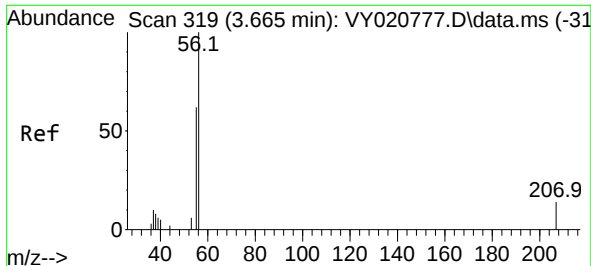
Tgt Ion: 59 Resp: 28941
Ion Ratio Lower Upper
59 100
57 9.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 46.134 ug/l
RT: 3.805 min Scan# 342
Delta R.T. -0.024 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

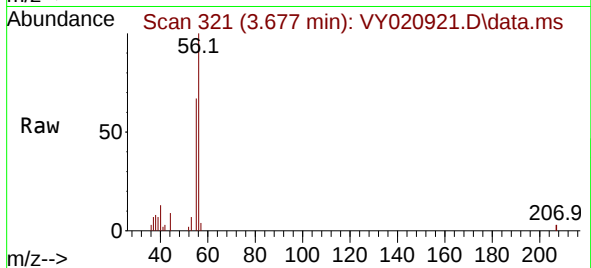
Tgt Ion: 96 Resp: 71321
Ion Ratio Lower Upper
96 100
61 155.4 117.8 176.8
98 64.8 51.9 77.9



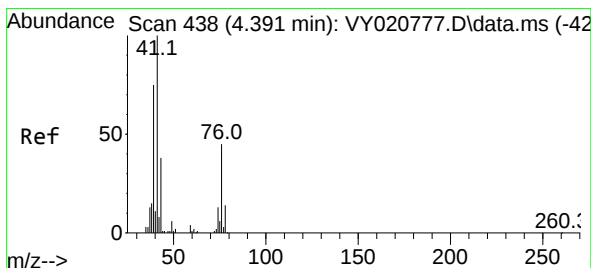
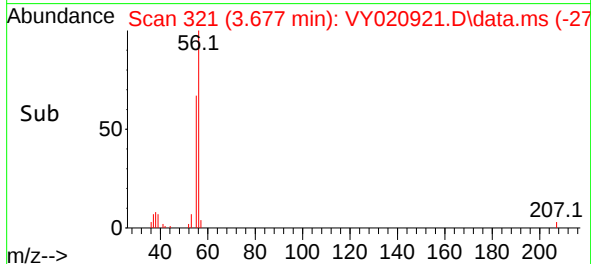
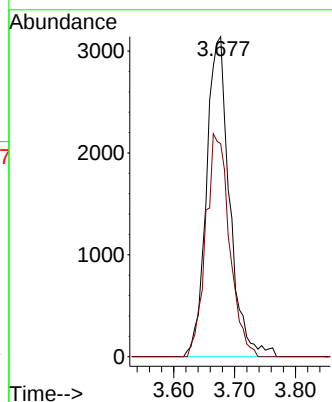


#13
Acrolein
Concen: 231.767 ug/l
RT: 3.677 min Scan# 319
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Instrument :
MSVOA_Y
ClientSampleId :

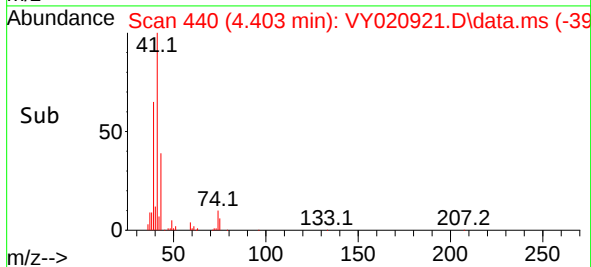
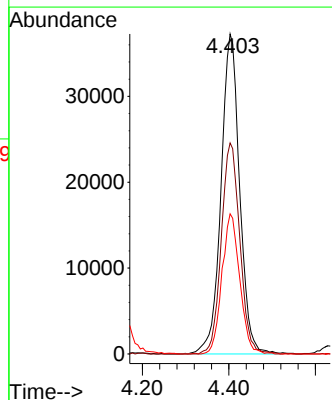
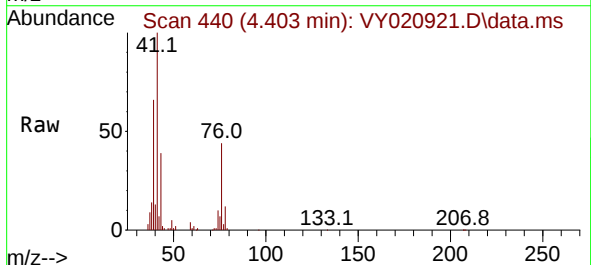


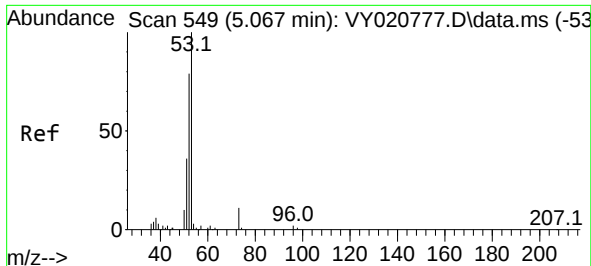
Tgt Ion: 56 Resp: 8287
Ion Ratio Lower Upper
56 100
55 71.5 58.1 87.1



#14
Allyl chloride
Concen: 49.997 ug/l
RT: 4.403 min Scan# 440
Delta R.T. -0.024 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

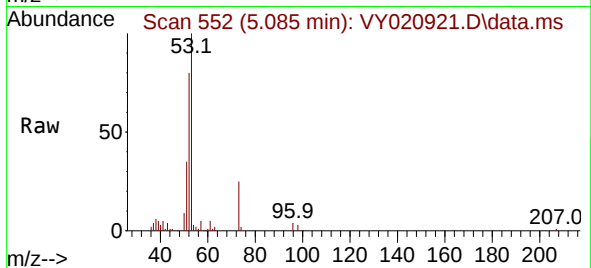
Tgt Ion: 41 Resp: 111511
Ion Ratio Lower Upper
41 100
39 65.7 57.5 86.3
76 41.8 35.6 53.4



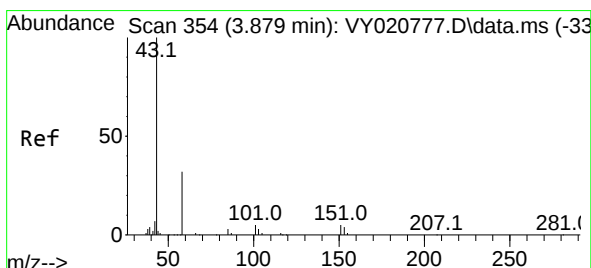
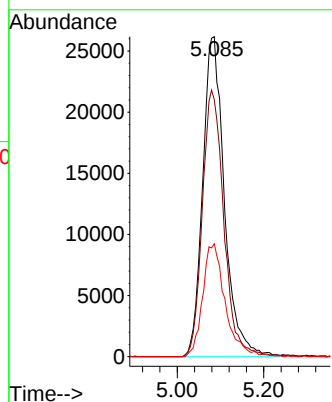
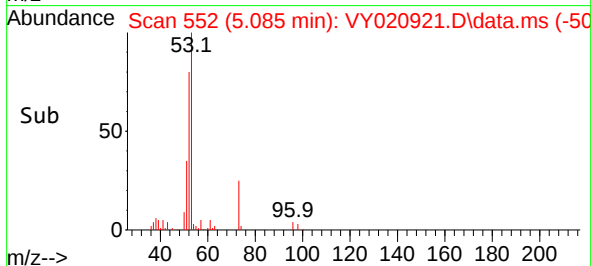


#15
Acrylonitrile
Concen: 262.486 ug/l
RT: 5.085 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

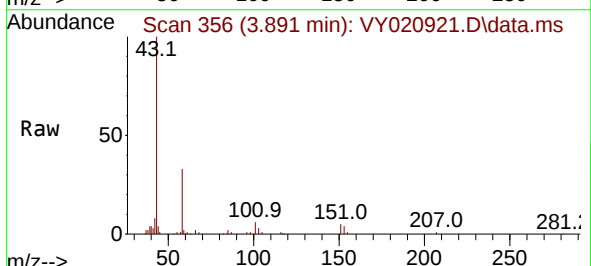
Instrument :
MSVOA_Y
ClientSampleId :



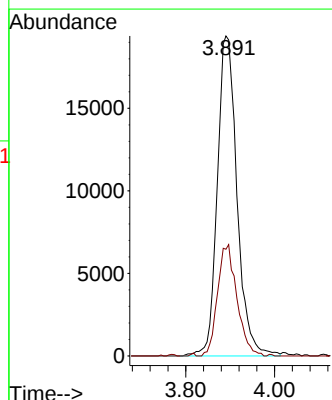
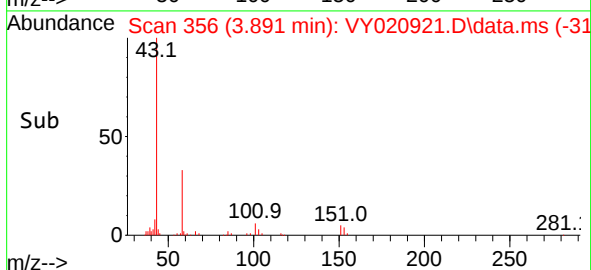
Tgt Ion: 53 Resp: 91179
Ion Ratio Lower Upper
53 100
52 82.3 64.3 96.5
51 36.6 29.3 43.9

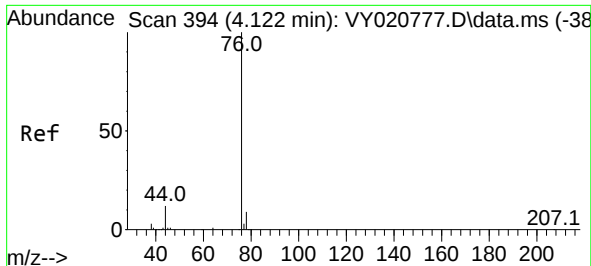


#16
Acetone
Concen: 248.431 ug/l
RT: 3.891 min Scan# 356
Delta R.T. -0.024 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20



Tgt Ion: 43 Resp: 59526
Ion Ratio Lower Upper
43 100
58 33.3 26.7 40.1

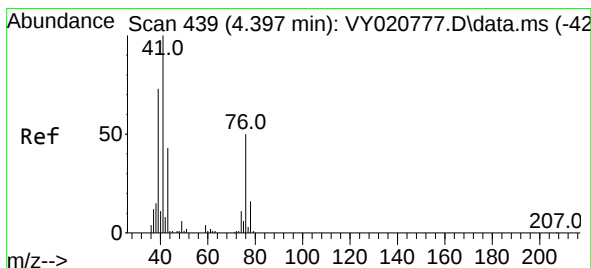
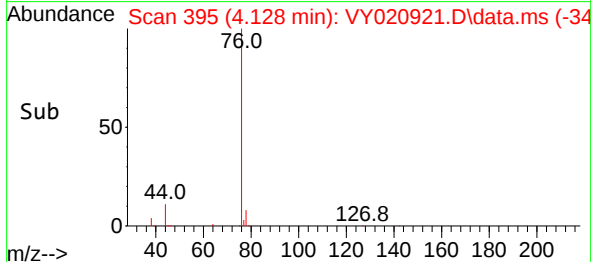
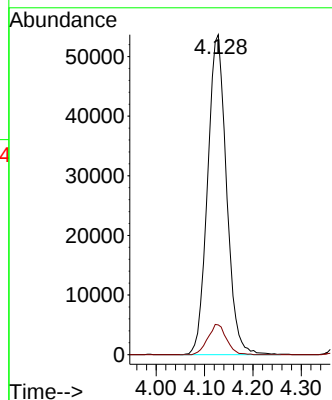
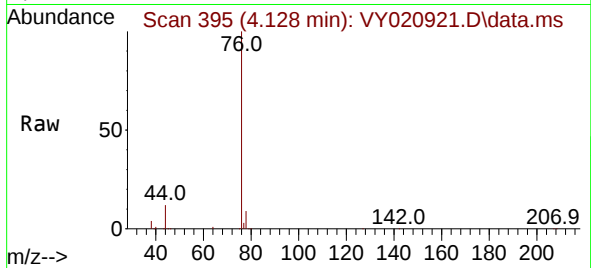




#17
Carbon Disulfide
Concen: 43.456 ug/l
RT: 4.128 min Scan# 394
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

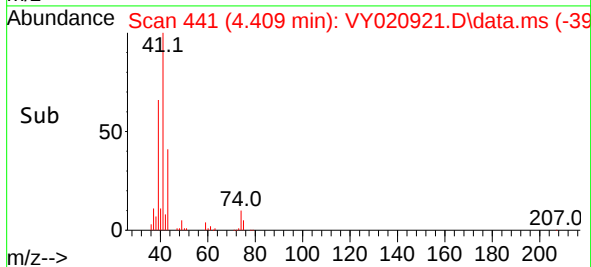
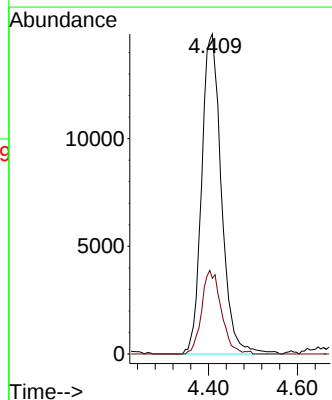
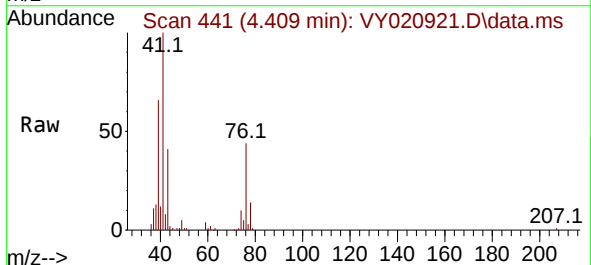
Instrument :
MSVOA_Y
ClientSampleId :

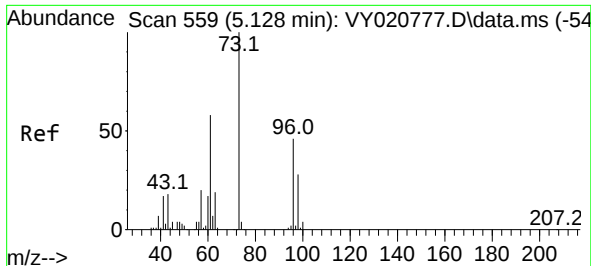
Tgt Ion: 76 Resp: 145739
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 56.753 ug/l
RT: 4.409 min Scan# 441
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

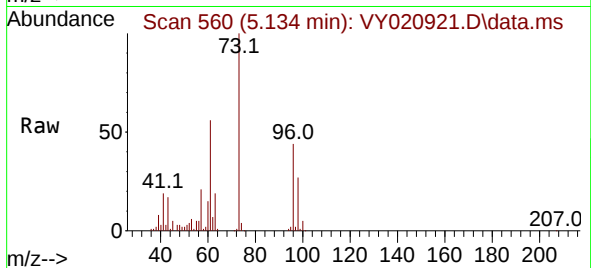
Tgt Ion: 43 Resp: 45915
Ion Ratio Lower Upper
43 100
74 26.0 23.0 34.6



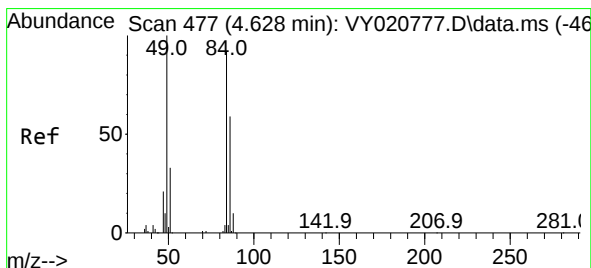
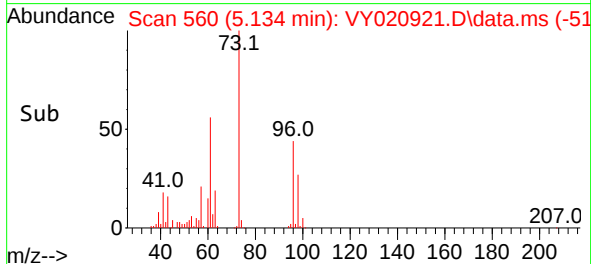
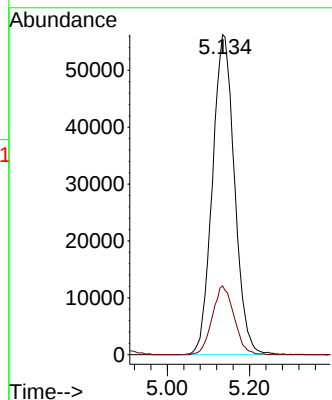


#19
Methyl tert-butyl Ether
Concen: 48.176 ug/l
RT: 5.134 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Instrument :
MSVOA_Y
ClientSampleId :

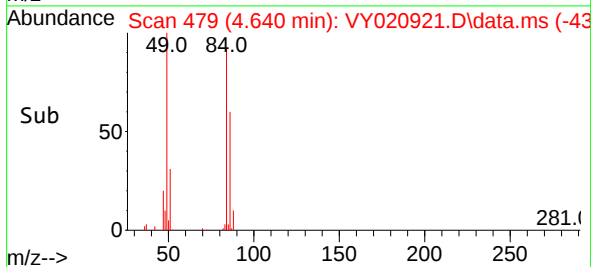
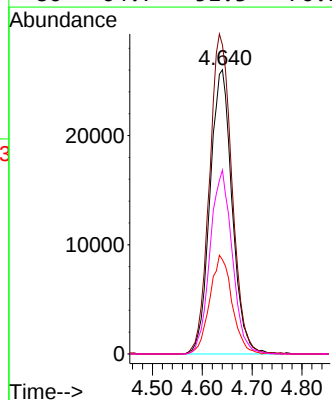
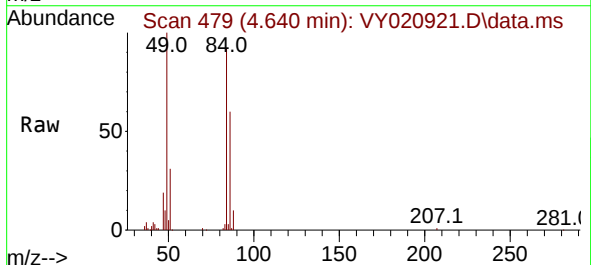


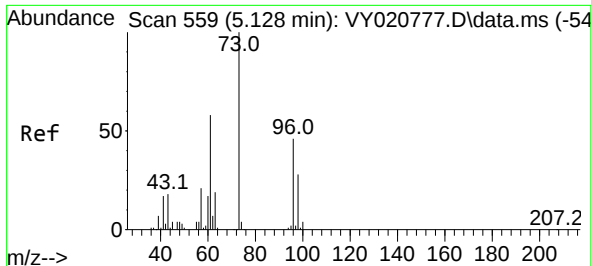
Tgt Ion: 73 Resp: 210187
Ion Ratio Lower Upper
73 100
57 21.5 16.4 24.6



#20
Methylene Chloride
Concen: 48.463 ug/l
RT: 4.640 min Scan# 479
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 84 Resp: 80194
Ion Ratio Lower Upper
84 100
49 108.7 86.7 130.1
51 33.2 28.4 42.6
86 64.7 51.3 76.9

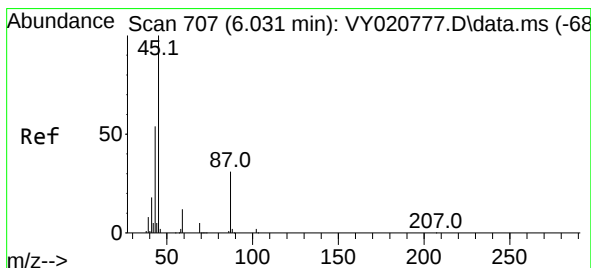
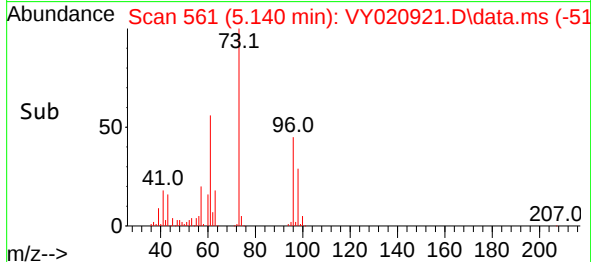
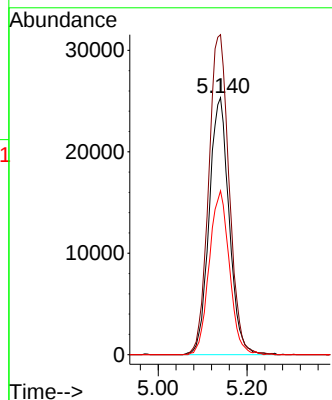
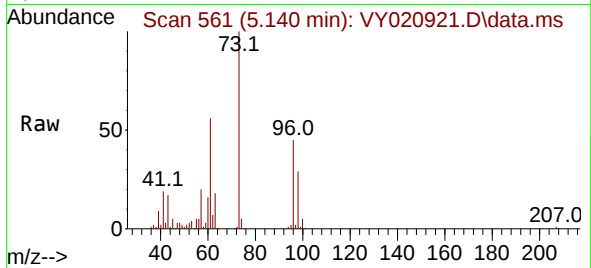




#21
trans-1,2-Dichloroethene
Concen: 46.470 ug/l
RT: 5.140 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

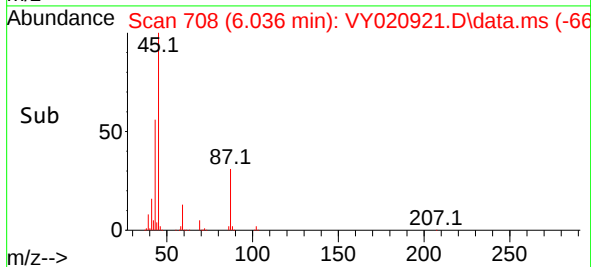
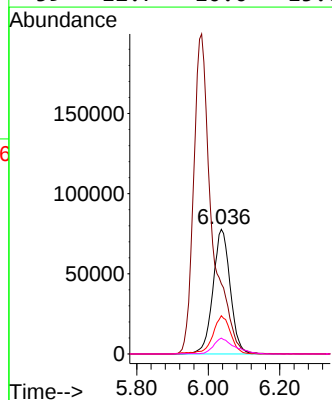
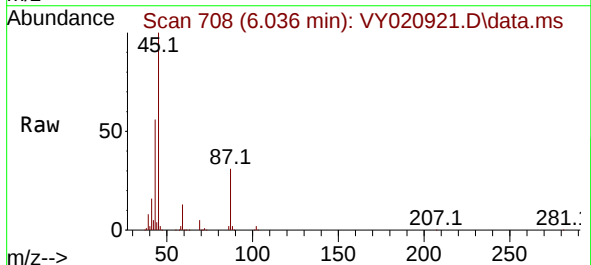
Instrument :
MSVOA_Y
ClientSampleId :

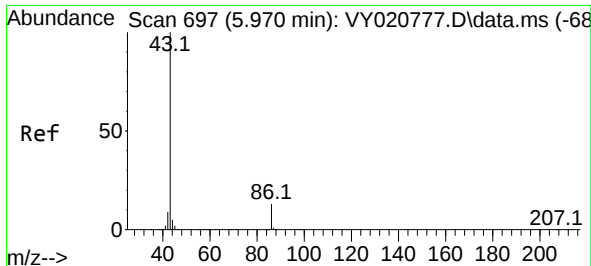
Tgt Ion: 96 Resp: 79113
Ion Ratio Lower Upper
96 100
61 124.5 101.6 152.4
98 63.8 49.4 74.2



#22
Diisopropyl ether
Concen: 54.770 ug/l
RT: 6.036 min Scan# 708
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

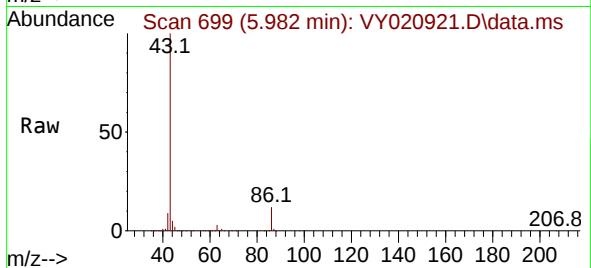
Tgt Ion: 45 Resp: 260217
Ion Ratio Lower Upper
45 100
43 56.0 43.9 65.9
87 30.7 25.3 37.9
59 12.7 10.0 15.0



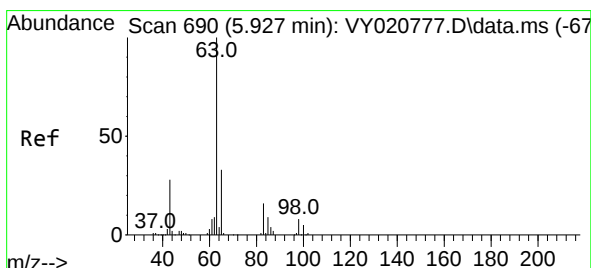
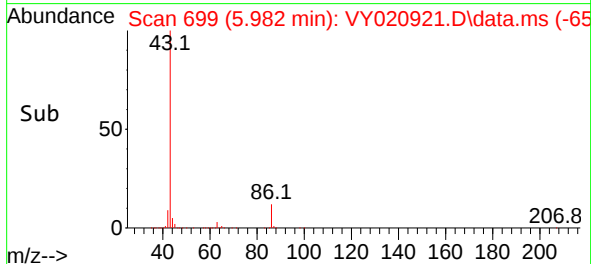
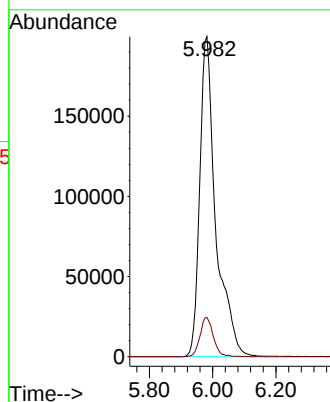


#23
 Vinyl Acetate
 Concen: 268.941 ug/l
 RT: 5.982 min Scan# 699
 Delta R.T. -0.018 min
 Lab File: VY020921.D
 Acq: 23 Jan 2025 19:20

Instrument :
 MSVOA_Y
 ClientSampleId :

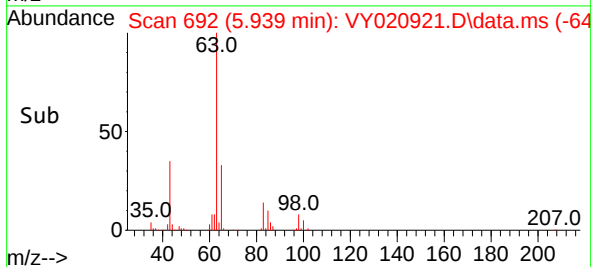
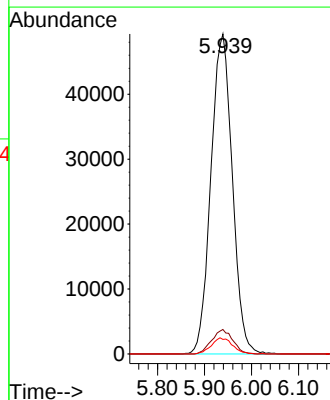
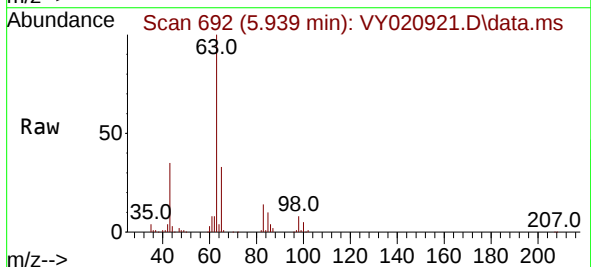


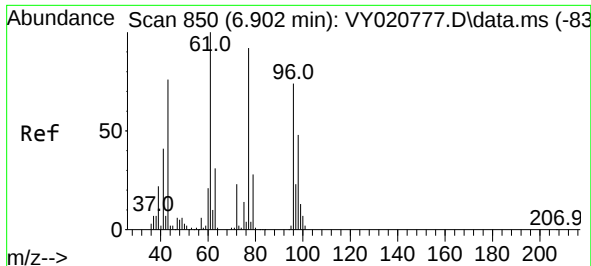
Tgt Ion: 43 Resp: 704525
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.5 15.7



#24
 1,1-Dichloroethane
 Concen: 49.753 ug/l
 RT: 5.939 min Scan# 692
 Delta R.T. -0.018 min
 Lab File: VY020921.D
 Acq: 23 Jan 2025 19:20

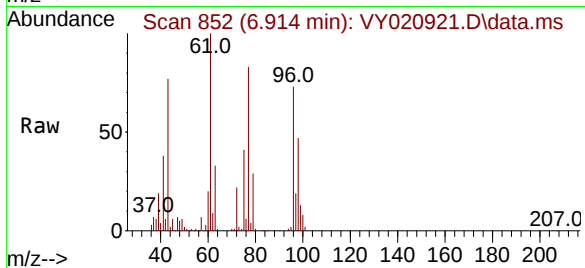
Tgt Ion: 63 Resp: 155956
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 4.5 2.4 7.2



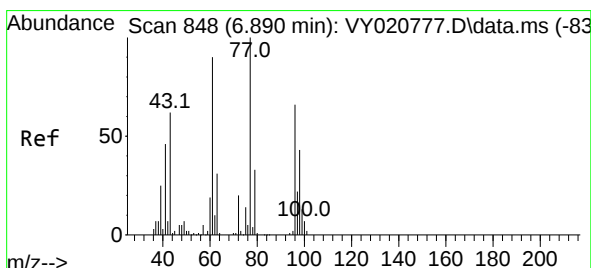
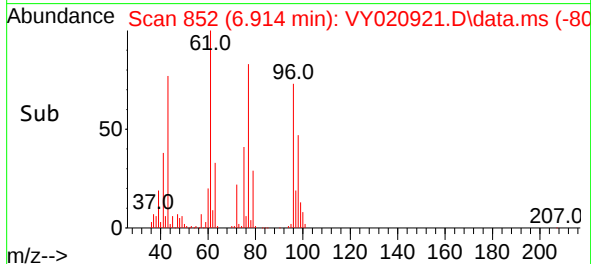
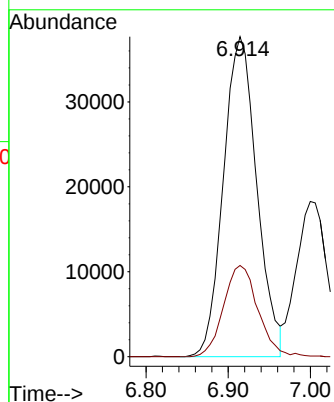


#25
2-Butanone
Concen: 270.261 ug/l
RT: 6.914 min Scan# 81
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Instrument :
MSVOA_Y
ClientSampleId :

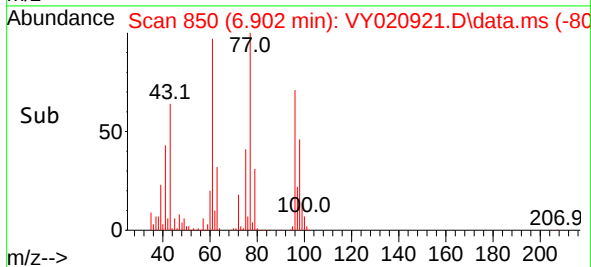
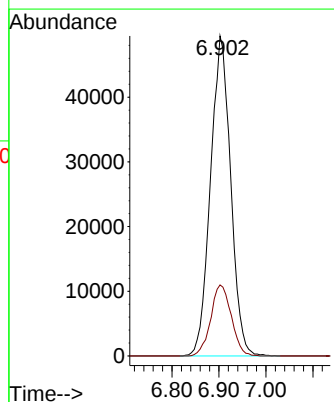
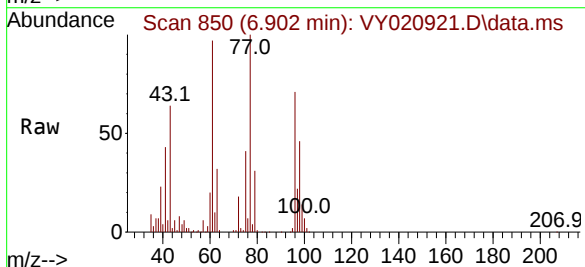


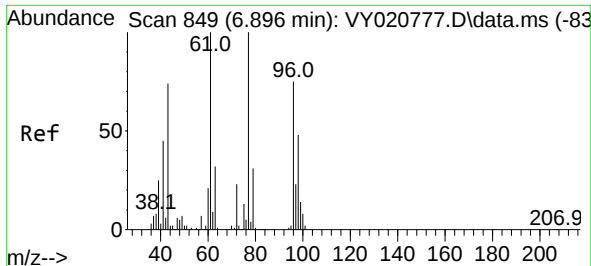
Tgt Ion: 43 Resp: 106374
Ion Ratio Lower Upper
43 100
72 28.5 24.0 36.0



#26
2,2-Dichloropropane
Concen: 45.299 ug/l
RT: 6.902 min Scan# 850
Delta R.T. -0.024 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

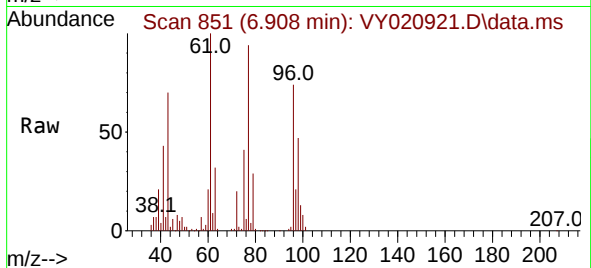
Tgt Ion: 77 Resp: 147429
Ion Ratio Lower Upper
77 100
97 22.6 11.3 33.8



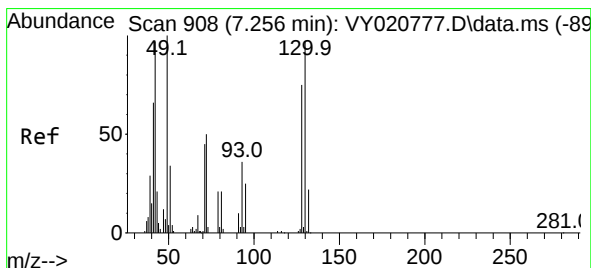
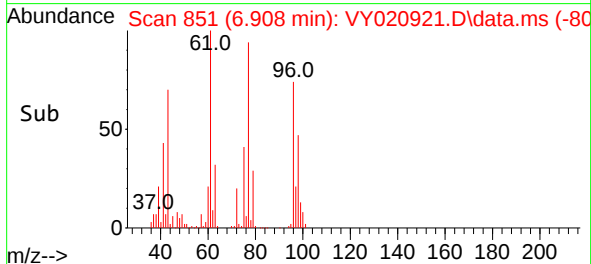
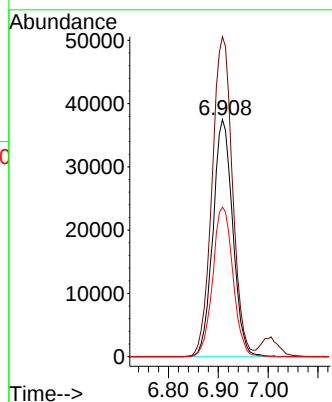


#27
cis-1,2-Dichloroethene
Concen: 48.003 ug/l
RT: 6.908 min Scan# 81
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Instrument :
MSVOA_Y
ClientSampleId :

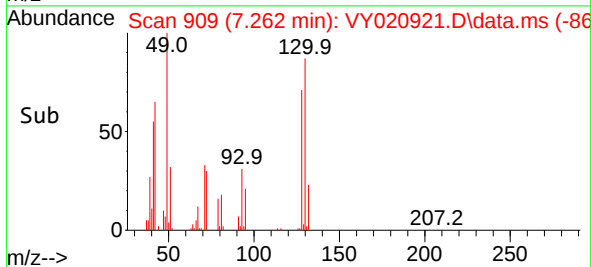
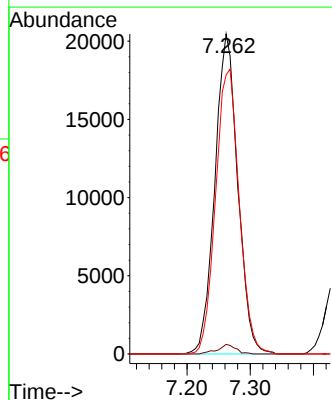
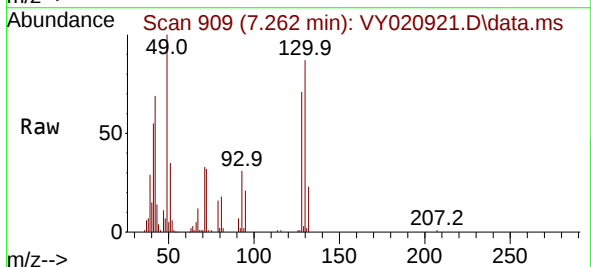


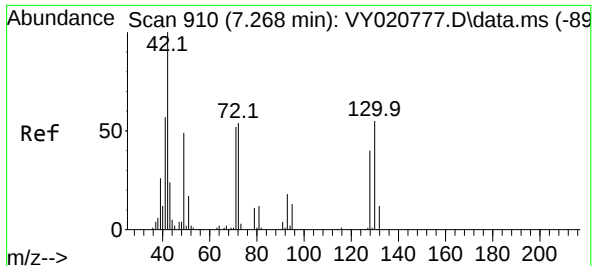
Tgt Ion: 96 Resp: 103109
Ion Ratio Lower Upper
96 100
61 139.4 0.0 271.4
98 64.5 0.0 129.0



#28
Bromochloromethane
Concen: 60.706 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 49 Resp: 51347
Ion Ratio Lower Upper
49 100
129 2.4 0.0 5.2
130 91.8 77.8 116.6





#29

Tetrahydrofuran

Concen: 275.031 ug/l

RT: 7.280 min Scan# 910

Delta R.T. -0.018 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

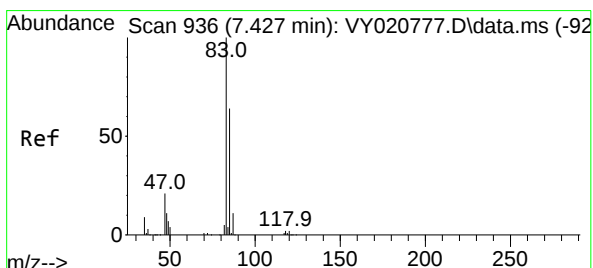
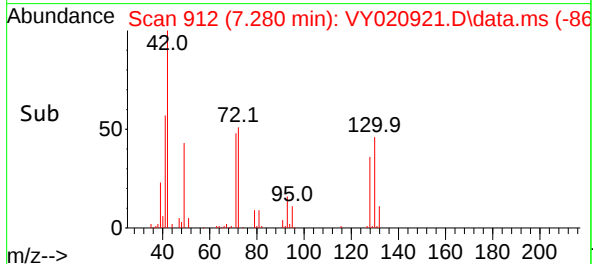
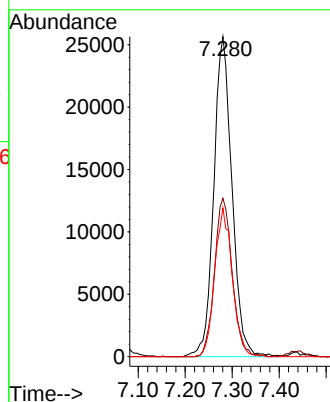
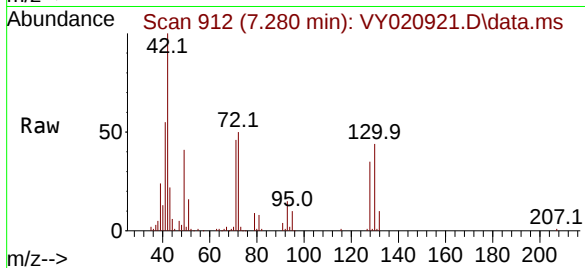
Tgt Ion: 42 Resp: 69151

Ion Ratio Lower Upper

42 100

72 48.1 41.8 62.6

71 45.0 39.8 59.8



#30

Chloroform

Concen: 48.070 ug/l

RT: 7.439 min Scan# 938

Delta R.T. -0.018 min

Lab File: VY020921.D

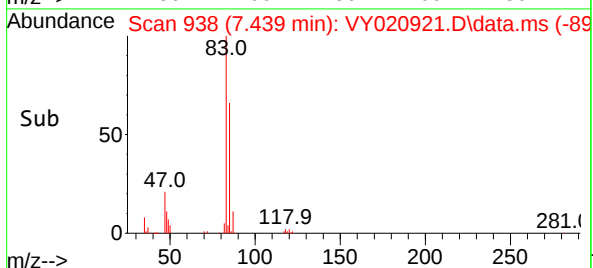
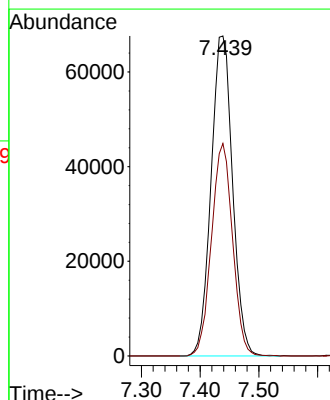
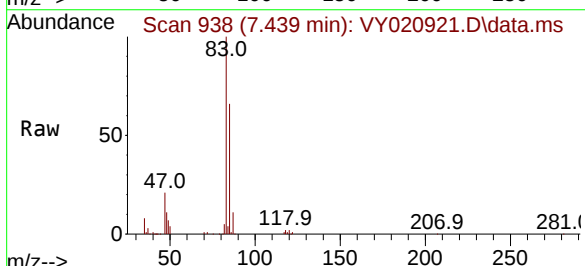
Acq: 23 Jan 2025 19:20

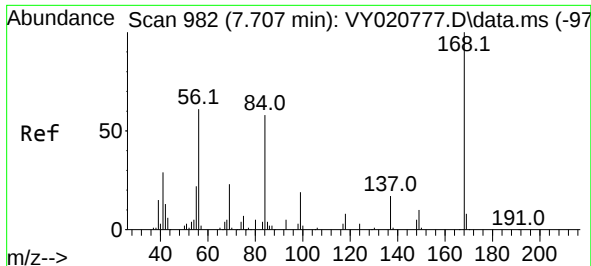
Tgt Ion: 83 Resp: 171835

Ion Ratio Lower Upper

83 100

85 66.4 51.1 76.7

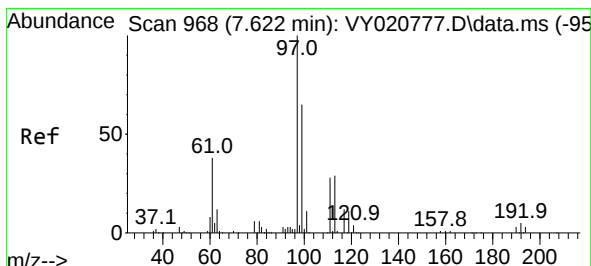
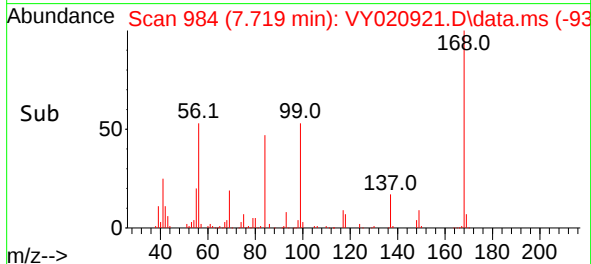
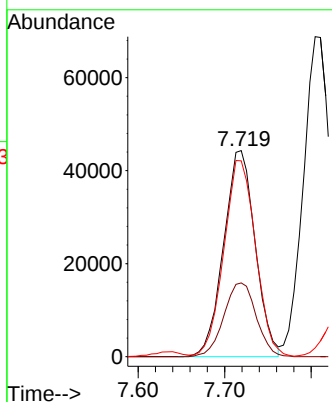
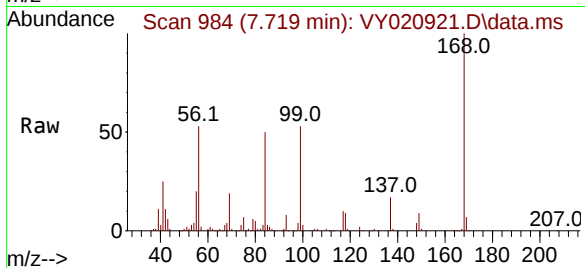




#31
Cyclohexane
Concen: 45.719 ug/l
RT: 7.719 min Scan# 911
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

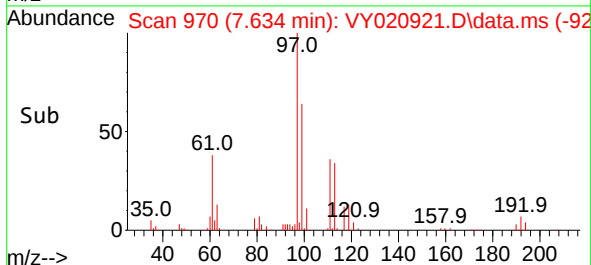
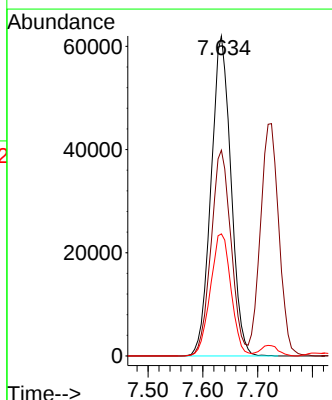
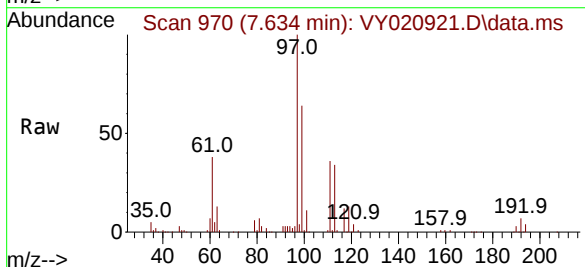
Instrument :
MSVOA_Y
ClientSampleId :

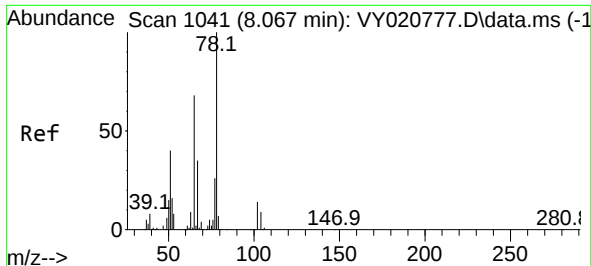
Tgt Ion: 56 Resp: 112095
Ion Ratio Lower Upper
56 100
69 35.8 30.5 45.7
84 93.3 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 44.749 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 97 Resp: 156033
Ion Ratio Lower Upper
97 100
99 64.9 51.4 77.2
61 39.7 30.5 45.7





#33

1,2-Dichloroethane-d4

Concen: 47.922 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. -0.018 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

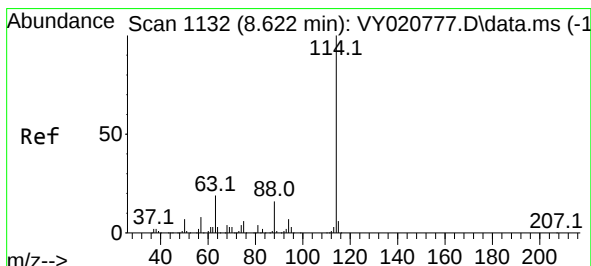
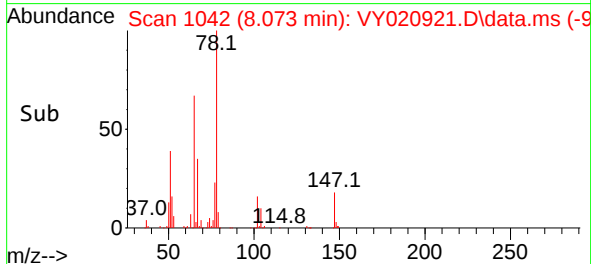
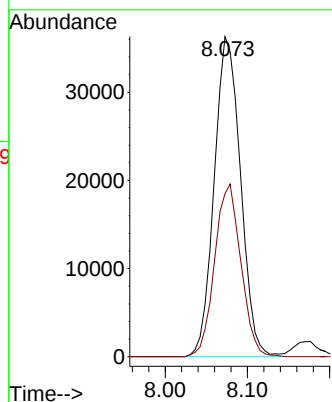
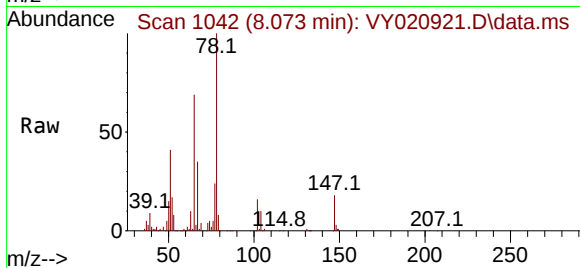
ClientSampleId :

Tgt Ion: 65 Resp: 80748

Ion Ratio Lower Upper

65 100

67 53.7 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.627 min Scan# 1133

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

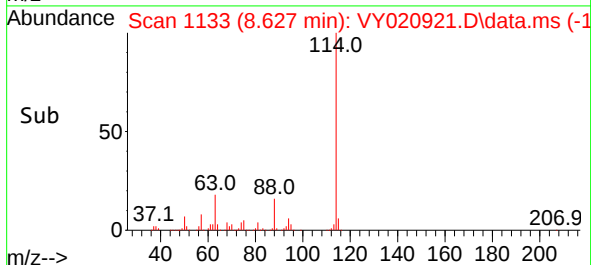
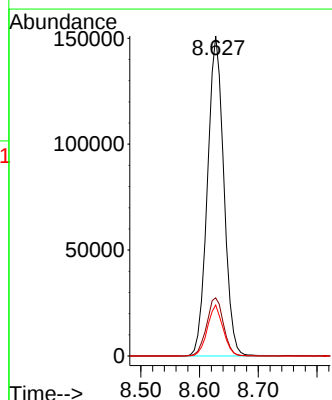
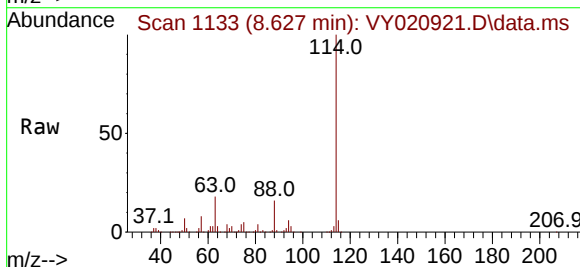
Tgt Ion: 114 Resp: 292276

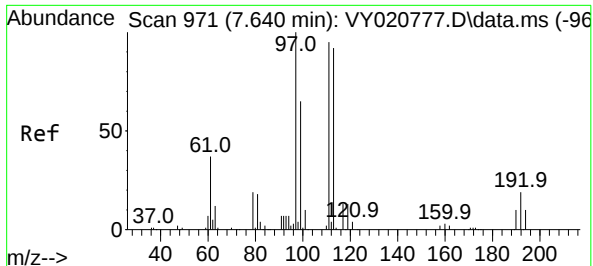
Ion Ratio Lower Upper

114 100

63 18.2 0.0 38.4

88 15.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 47.602 ug/l

RT: 7.652 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

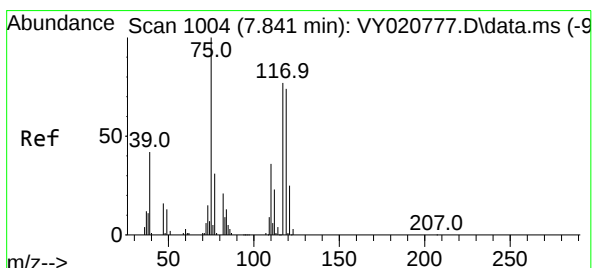
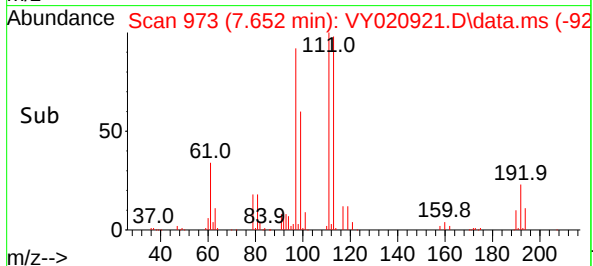
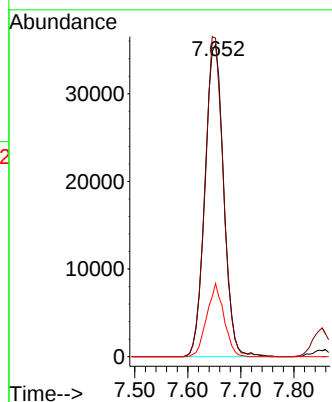
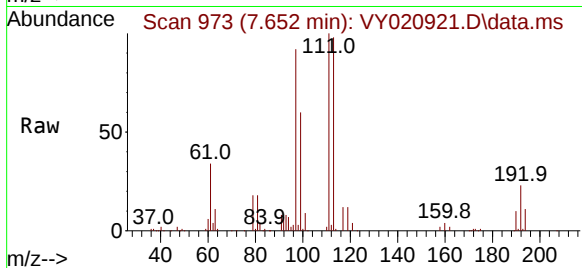
Tgt Ion:113 Resp: 87164

Ion Ratio Lower Upper

113 100

111 100.8 81.7 122.5

192 21.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 47.332 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. -0.018 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

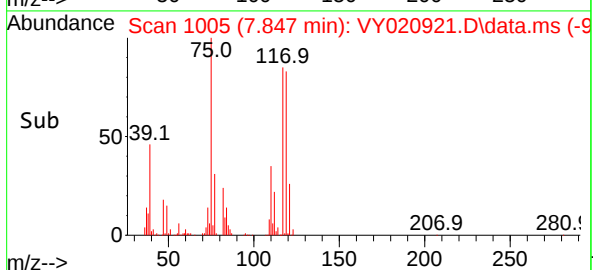
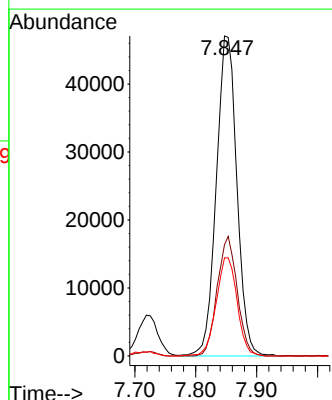
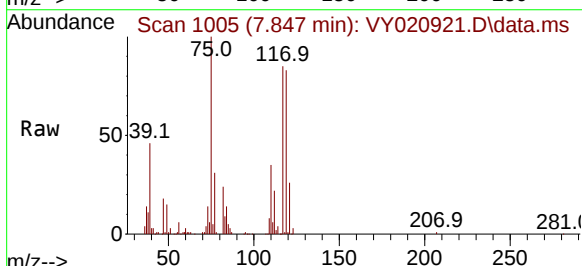
Tgt Ion: 75 Resp: 110547

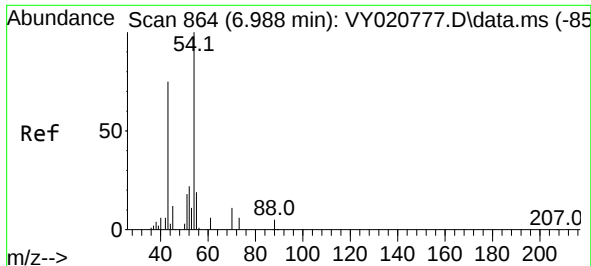
Ion Ratio Lower Upper

75 100

110 36.3 18.5 55.5

77 31.3 25.0 37.4





#37

Ethyl Acetate

Concen: 53.946 ug/l

RT: 7.000 min Scan# 80

Delta R.T. -0.018 min

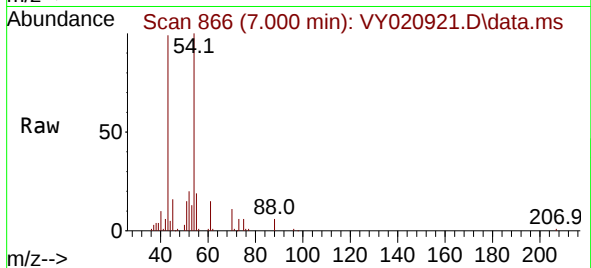
Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :



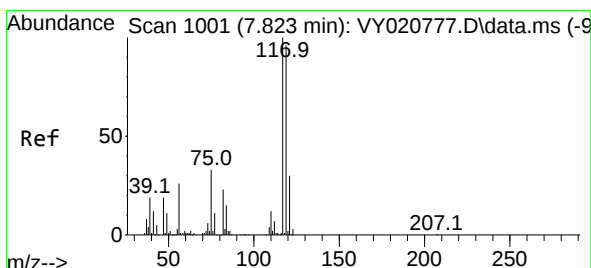
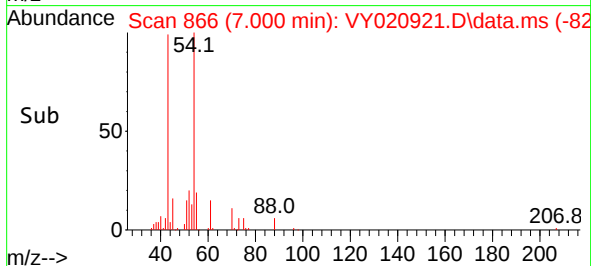
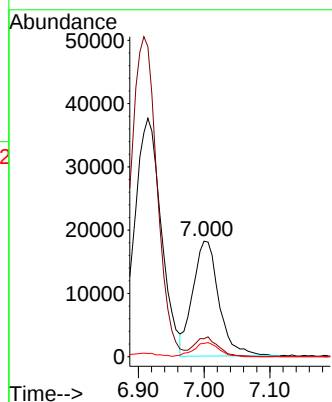
Tgt Ion: 43 Resp: 50139

Ion Ratio Lower Upper

43 100

61 15.9 11.8 17.6

70 11.8 9.8 14.8



#38

Carbon Tetrachloride

Concen: 44.033 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

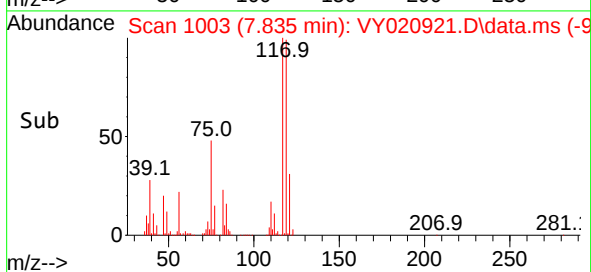
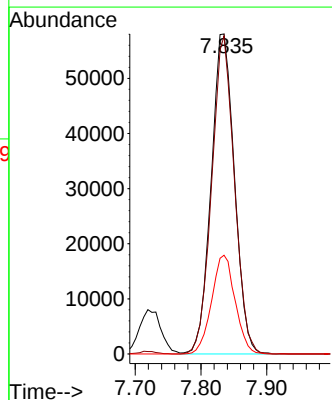
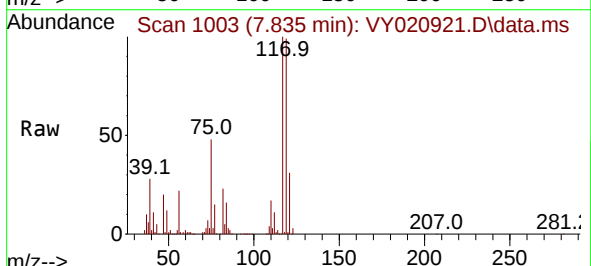
Tgt Ion: 117 Resp: 143154

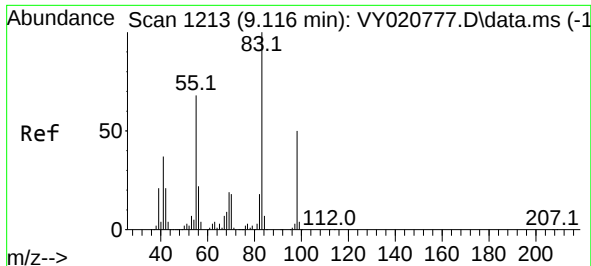
Ion Ratio Lower Upper

117 100

119 99.4 76.5 114.7

121 30.9 24.3 36.5

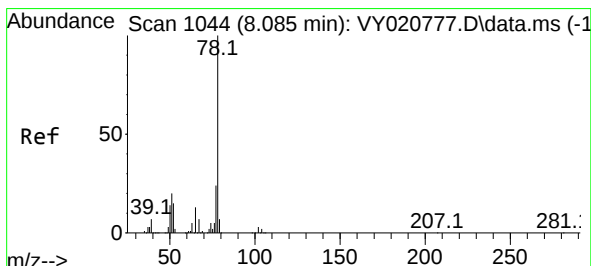
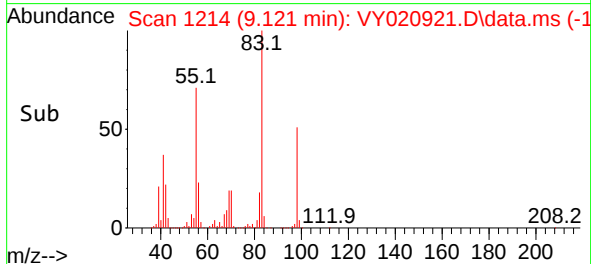
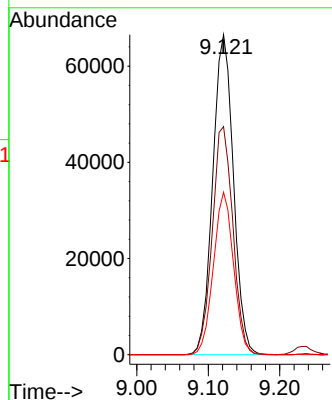
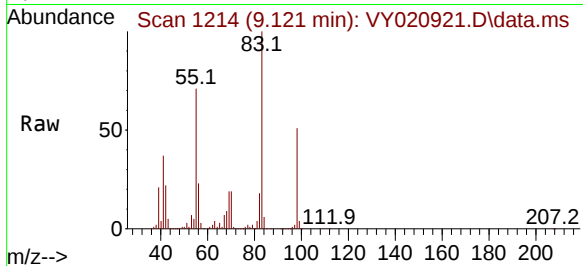




#39
Methylcyclohexane
Concen: 46.625 ug/l
RT: 9.121 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

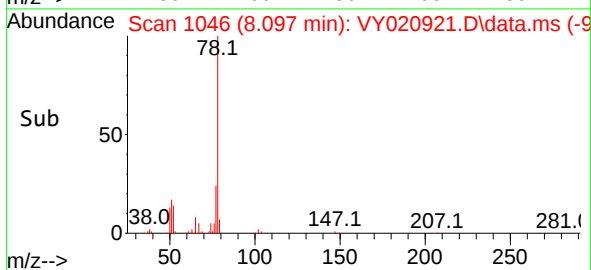
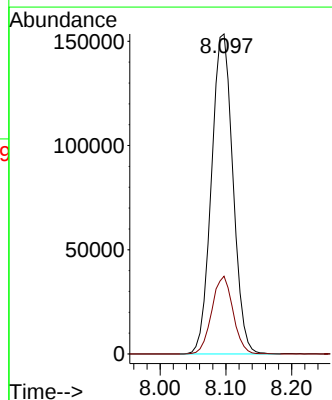
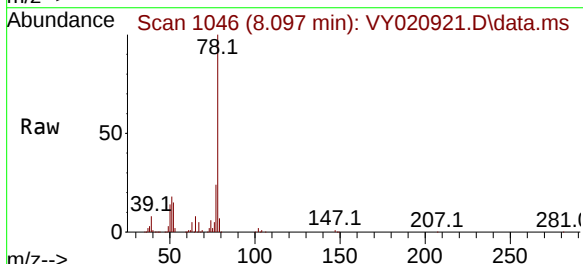
Instrument :
MSVOA_Y
ClientSampleId :

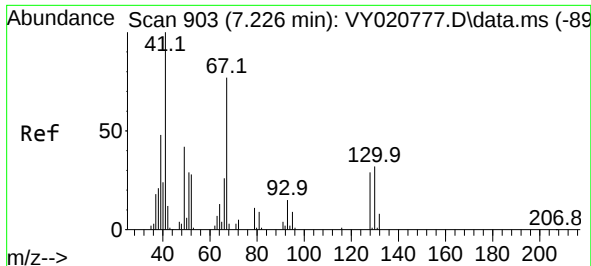
Tgt Ion: 83 Resp: 133626
Ion Ratio Lower Upper
83 100
55 71.3 54.8 82.2
98 50.8 40.0 60.0



#40
Benzene
Concen: 48.705 ug/l
RT: 8.097 min Scan# 1046
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

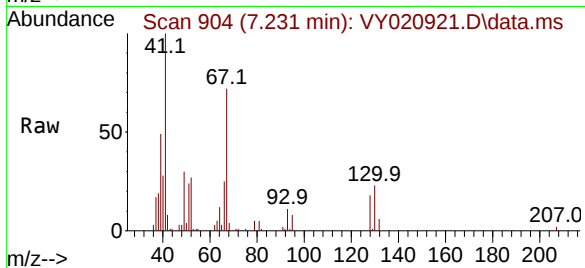
Tgt Ion: 78 Resp: 349120
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.2





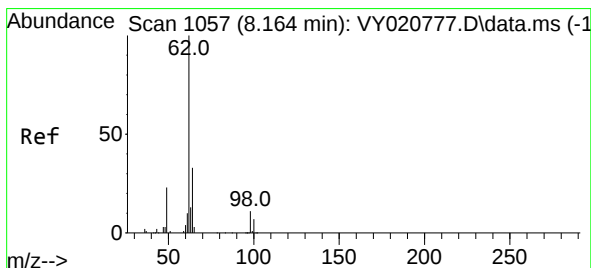
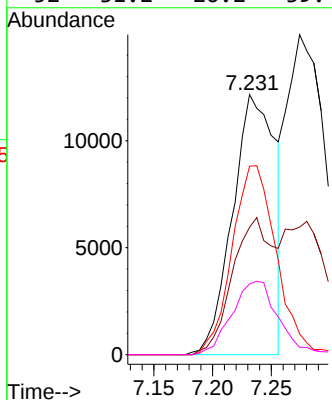
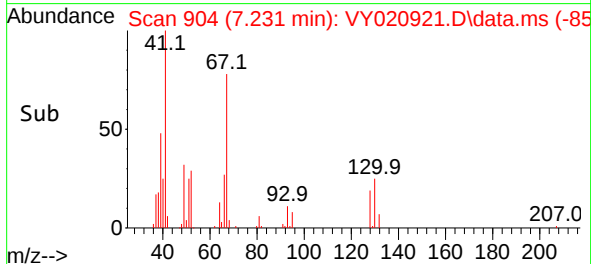
#41
Methacrylonitrile
Concen: 57.519 ug/l
RT: 7.231 min Scan# 903
Delta R.T. -0.024 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 30616

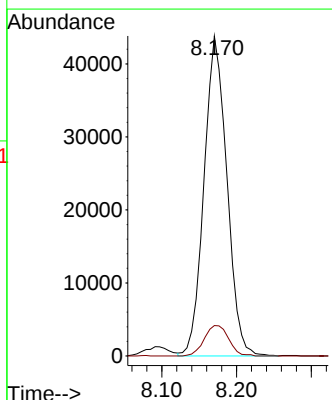
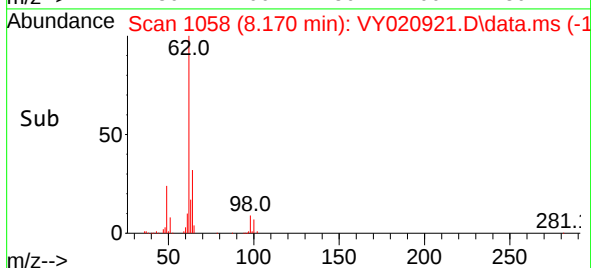
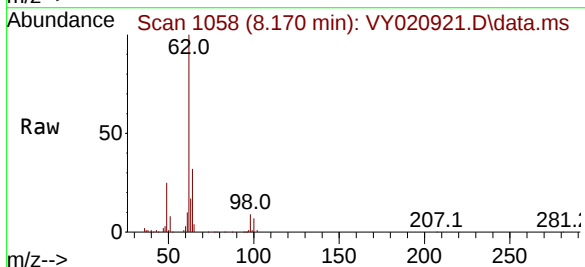
Ion	Ratio	Lower	Upper
41	100		
39	51.8	42.4	63.6
67	75.9	67.8	101.8
52	31.2	26.2	39.4

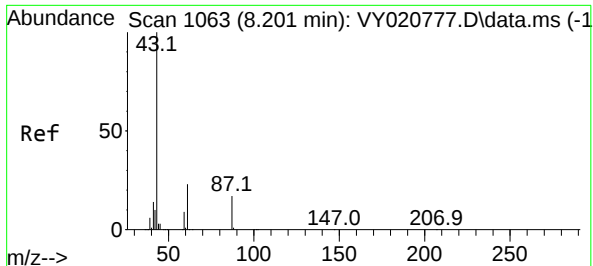


#42
1,2-Dichloroethane
Concen: 47.639 ug/l
RT: 8.170 min Scan# 1058
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 62 Resp: 93255

Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.6





#43

Isopropyl Acetate

Concen: 52.526 ug/l

RT: 8.213 min Scan# 1065

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

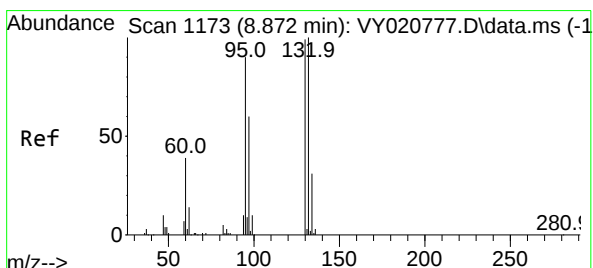
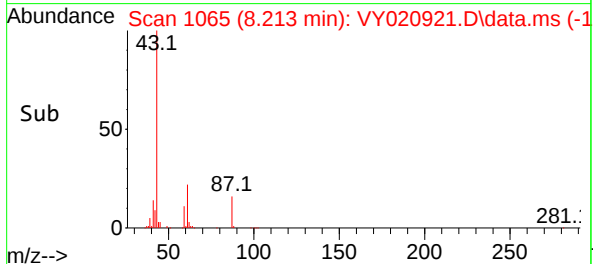
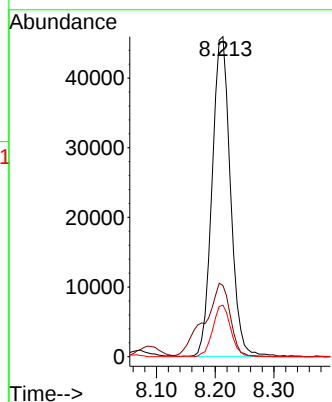
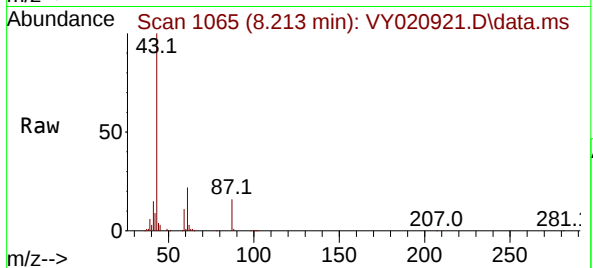
Tgt Ion: 43 Resp: 99296

Ion Ratio Lower Upper

43 100

61 32.5 26.5 39.7

87 15.8 13.4 20.0



#44

Trichloroethene

Concen: 47.136 ug/l

RT: 8.877 min Scan# 1174

Delta R.T. -0.012 min

Lab File: VY020921.D

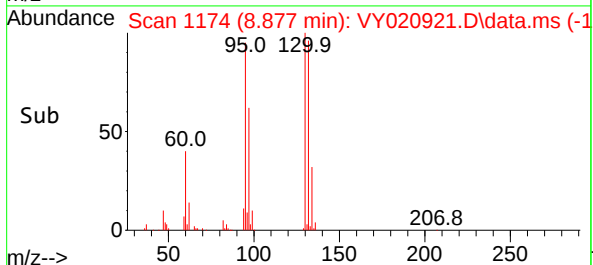
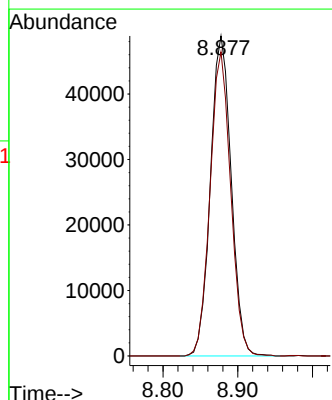
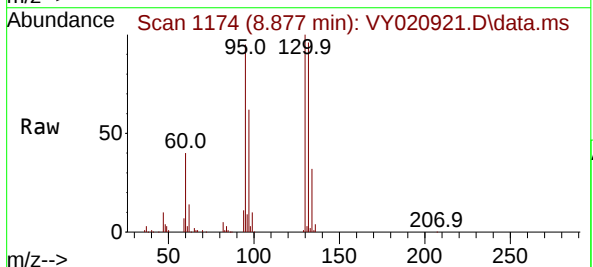
Acq: 23 Jan 2025 19:20

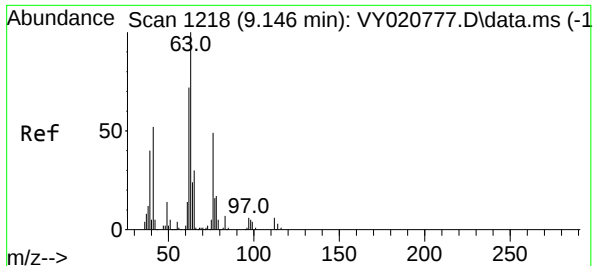
Tgt Ion:130 Resp: 94189

Ion Ratio Lower Upper

130 100

95 95.0 0.0 181.0





#45

1,2-Dichloropropane

Concen: 52.463 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

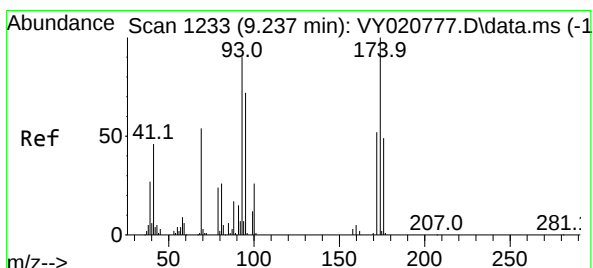
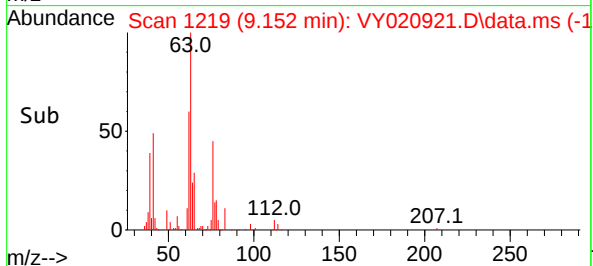
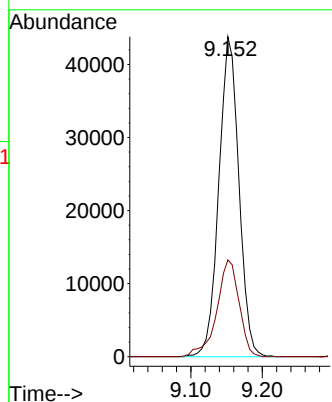
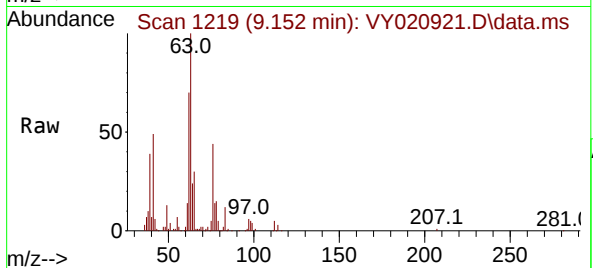
ClientSampleId :

Tgt Ion: 63 Resp: 85254

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.4



#46

Dibromomethane

Concen: 50.541 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

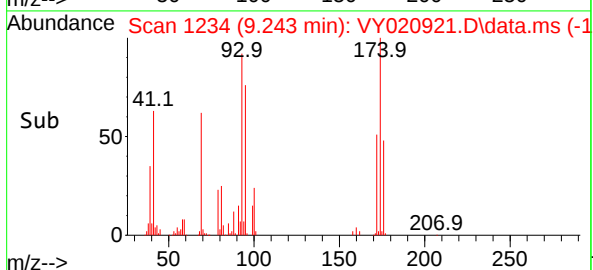
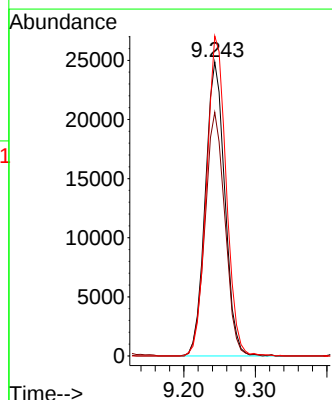
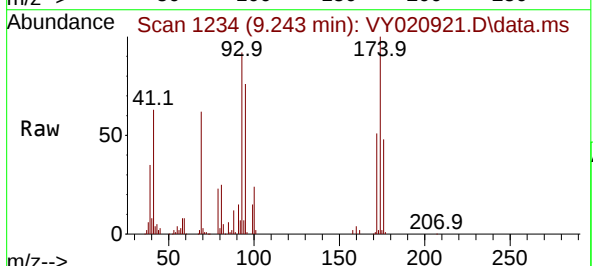
Tgt Ion: 93 Resp: 47162

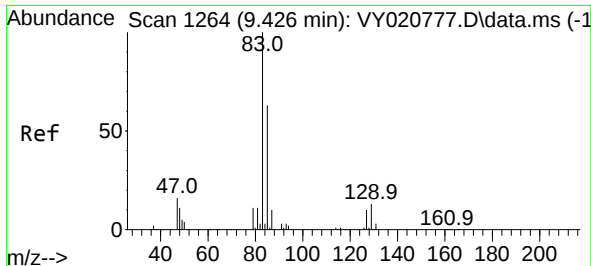
Ion Ratio Lower Upper

93 100

95 84.5 68.2 102.4

174 109.5 89.0 133.6

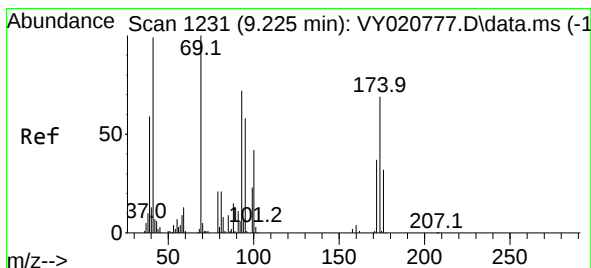
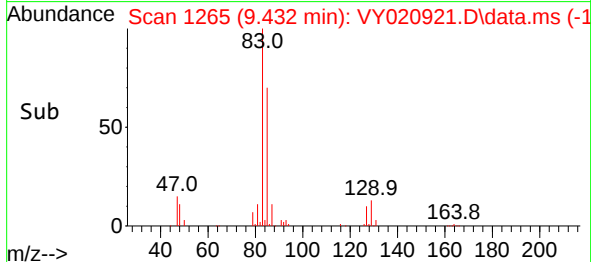
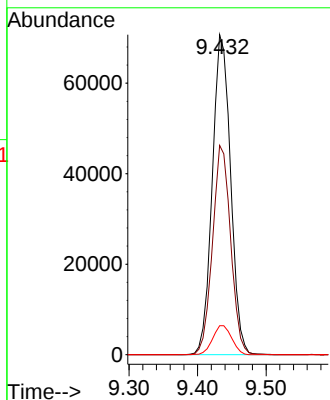
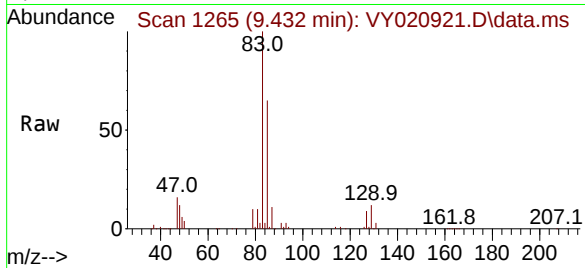




#47
Bromodichloromethane
Concen: 48.980 ug/l
RT: 9.432 min Scan# 1265
Delta R.T. -0.018 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

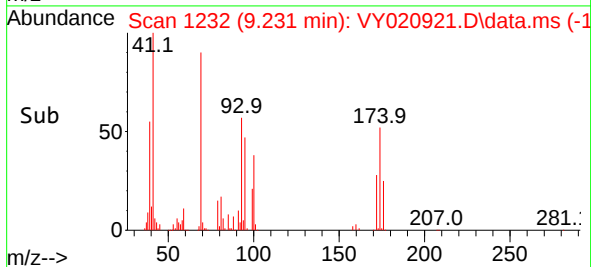
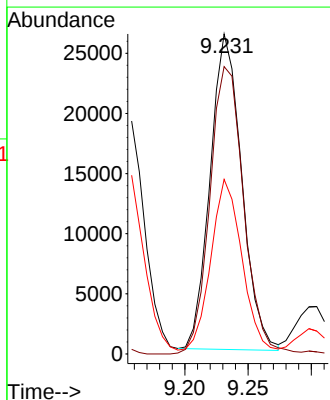
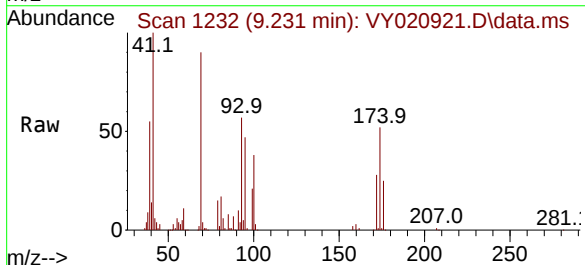
Instrument :
MSVOA_Y
ClientSampleId :

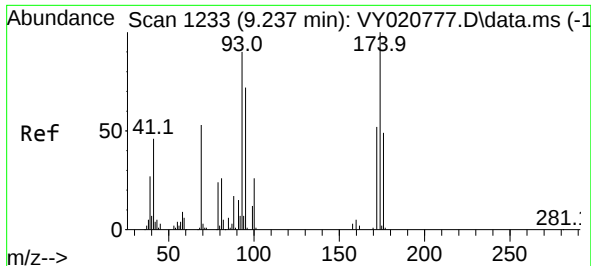
Tgt Ion: 83 Resp: 130899
Ion Ratio Lower Upper
83 100
85 65.4 50.7 76.1
127 9.1 7.9 11.9



#48
Methyl methacrylate
Concen: 53.715 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 41 Resp: 45524
Ion Ratio Lower Upper
41 100
69 97.5 78.9 118.3
39 55.7 44.6 67.0





#49

1,4-Dioxane

Concen: 969.665 ug/l

RT: 9.249 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

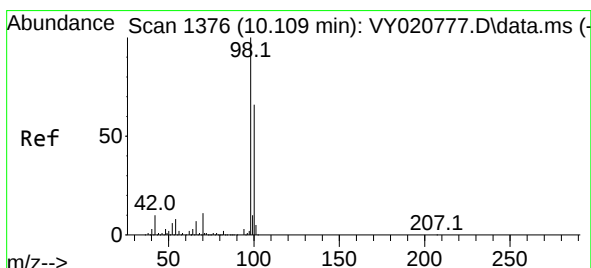
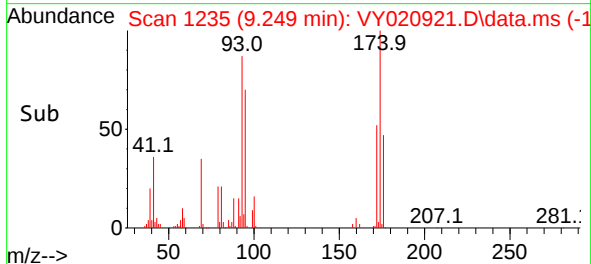
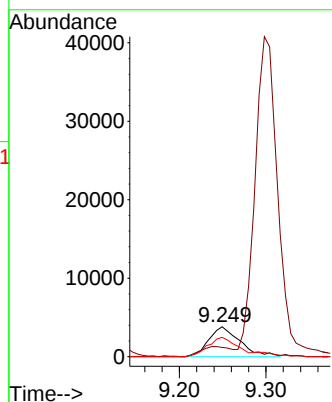
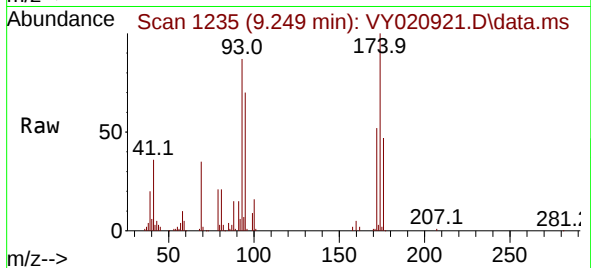
Tgt Ion: 88 Resp: 9607

Ion Ratio Lower Upper

88 100

43 31.7 24.4 36.6

58 60.7 51.0 76.6



#50

Toluene-d8

Concen: 53.175 ug/l

RT: 10.121 min Scan# 1378

Delta R.T. -0.012 min

Lab File: VY020921.D

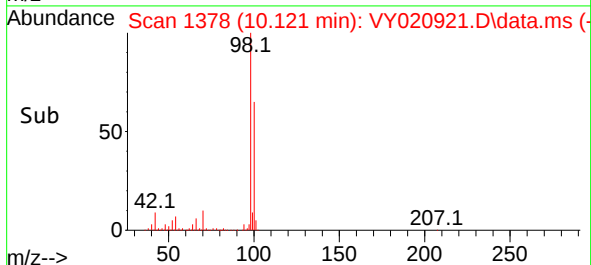
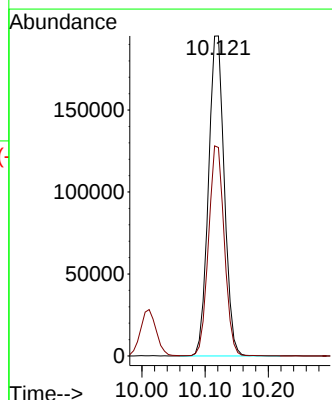
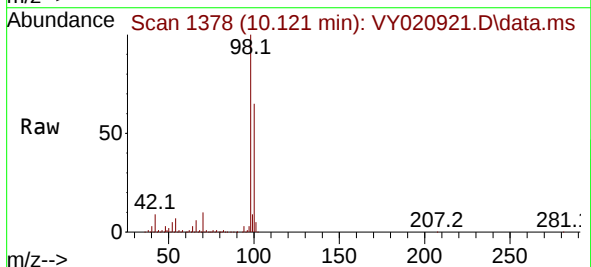
Acq: 23 Jan 2025 19:20

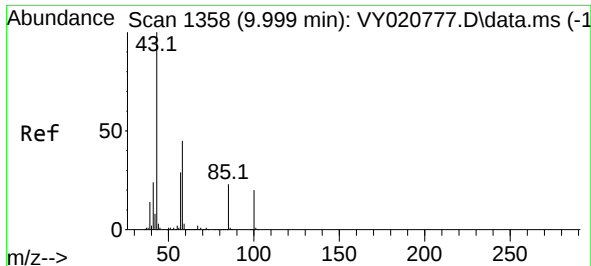
Tgt Ion: 98 Resp: 339426

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 278.420 ug/l

RT: 10.011 min Scan# 1360

Delta R.T. -0.006 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

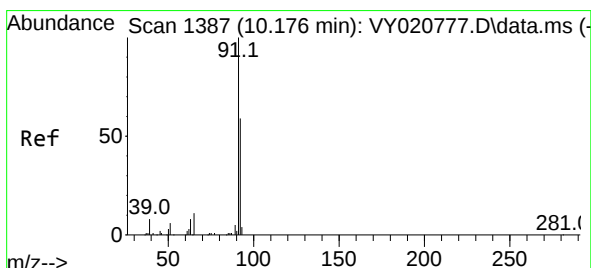
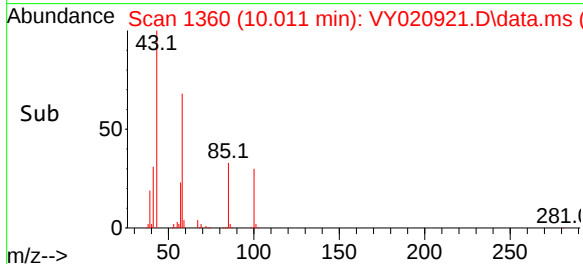
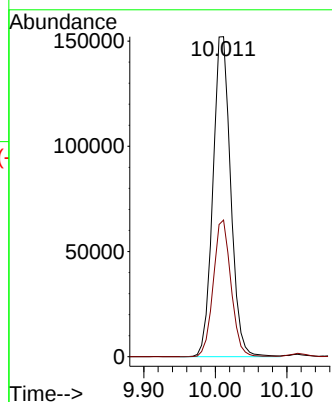
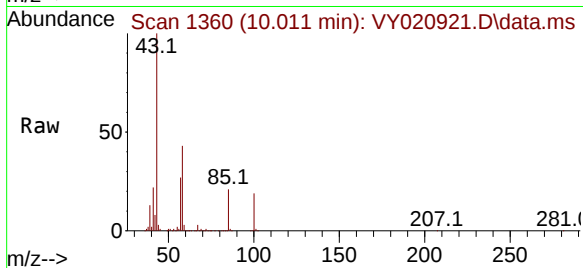
ClientSampleId :

Tgt Ion: 43 Resp: 262948

Ion Ratio Lower Upper

43 100

58 42.5 34.8 52.2



#52

Toluene

Concen: 48.151 ug/l

RT: 10.182 min Scan# 1388

Delta R.T. -0.012 min

Lab File: VY020921.D

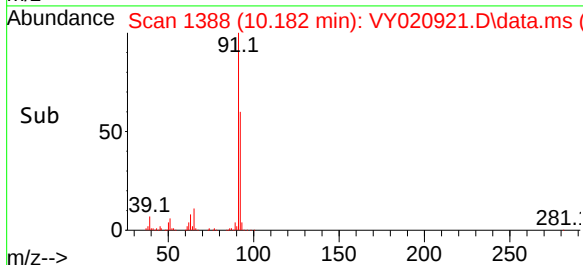
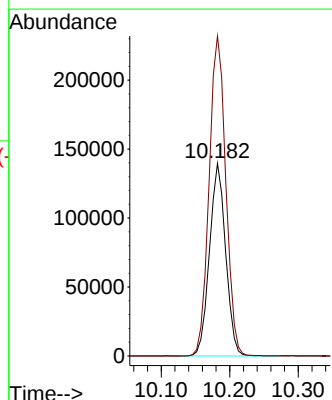
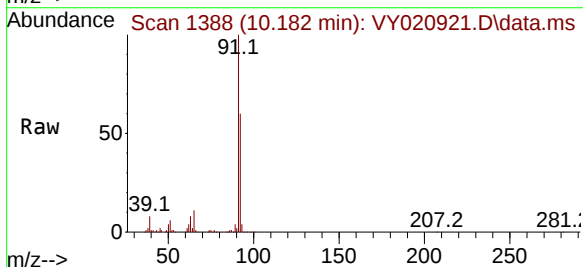
Acq: 23 Jan 2025 19:20

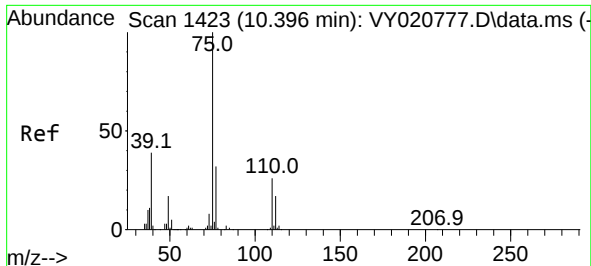
Tgt Ion: 92 Resp: 228560

Ion Ratio Lower Upper

92 100

91 171.7 136.6 204.8

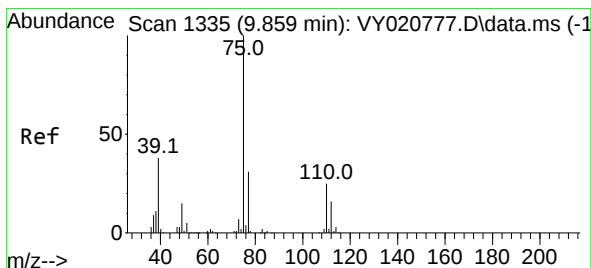
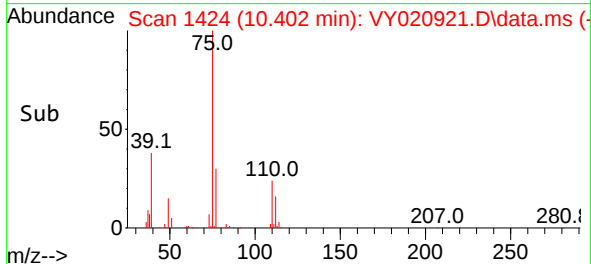
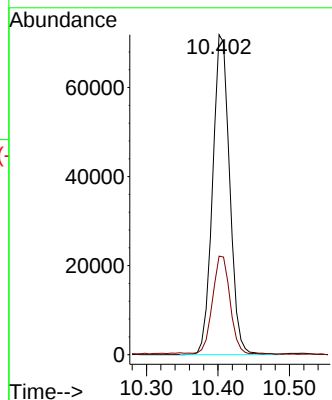
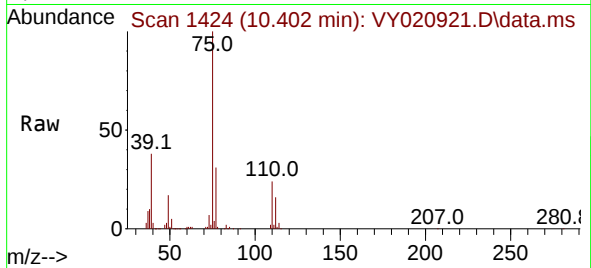




#53
t-1,3-Dichloropropene
Concen: 50.077 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

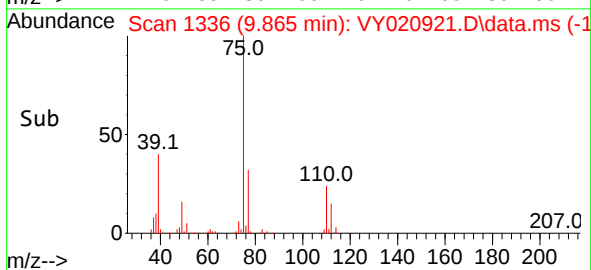
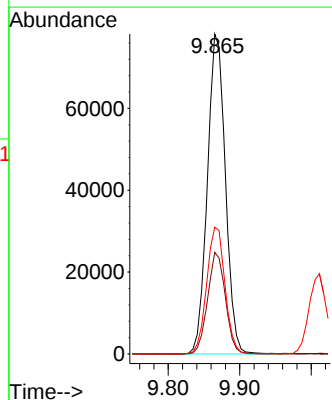
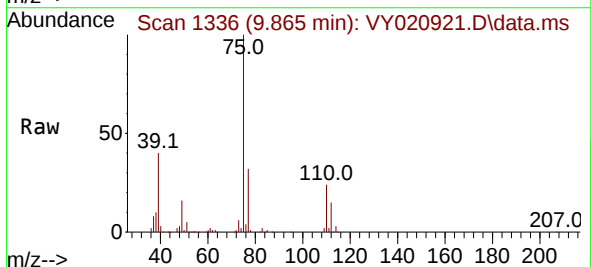
Instrument :
MSVOA_Y
ClientSampleId :

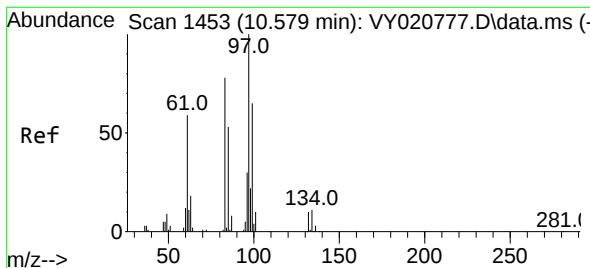
Tgt Ion: 75 Resp: 119029
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 49.623 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 75 Resp: 136983
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7
39 39.6 30.7 46.1





#55

1,1,2-Trichloroethane

Concen: 52.054 ug/l

RT: 10.584 min Scan# 1454

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 69395

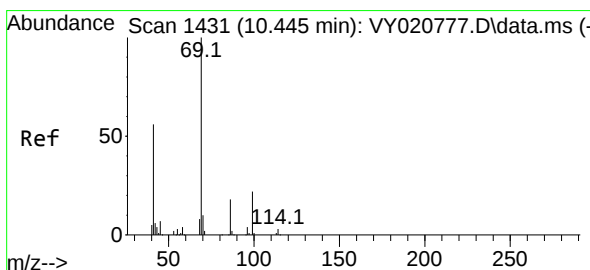
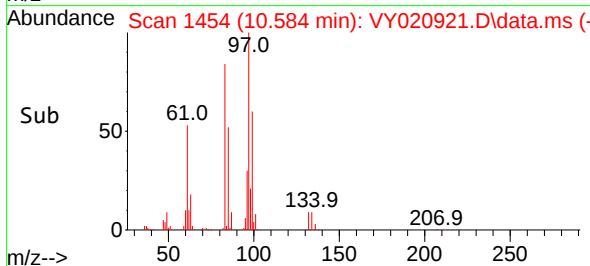
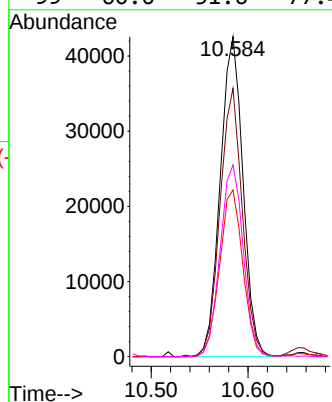
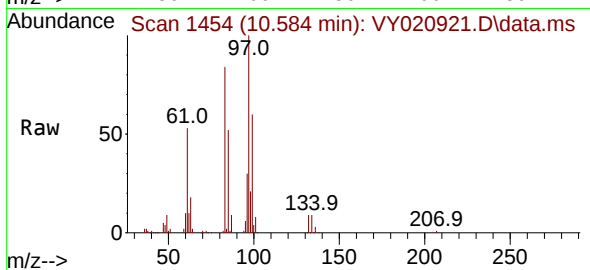
Ion Ratio Lower Upper

97 100

83 83.8 62.8 94.2

85 52.1 42.4 63.6

99 60.0 51.6 77.4



#56

Ethyl methacrylate

Concen: 53.290 ug/l

RT: 10.450 min Scan# 1432

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

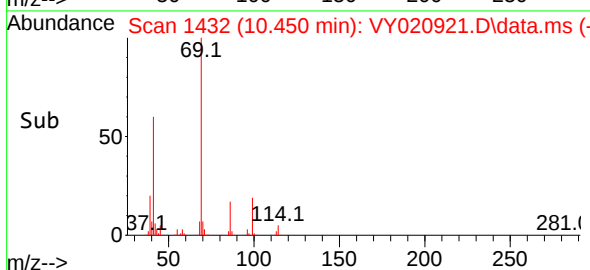
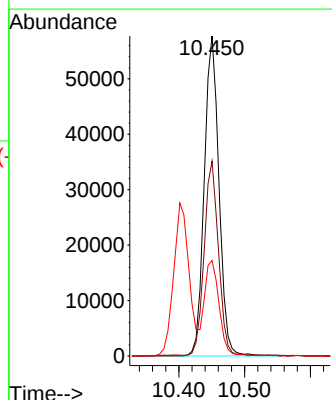
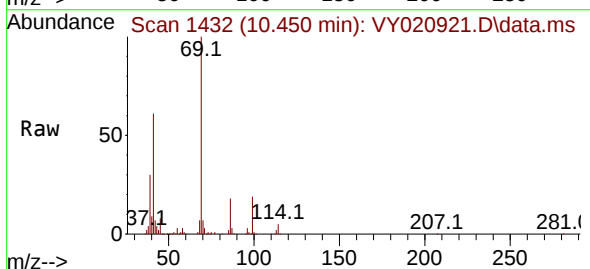
Tgt Ion: 69 Resp: 89720

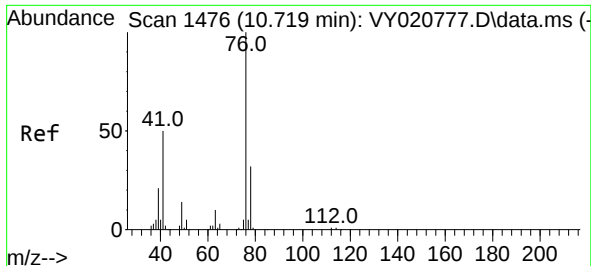
Ion Ratio Lower Upper

69 100

41 58.8 46.6 69.8

39 28.6 25.7 38.5





#57

1,3-Dichloropropane

Concen: 51.823 ug/l

RT: 10.725 min Scan# 1476

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

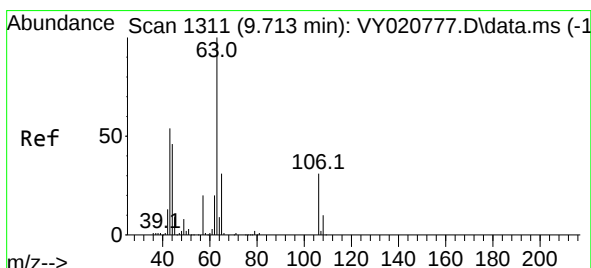
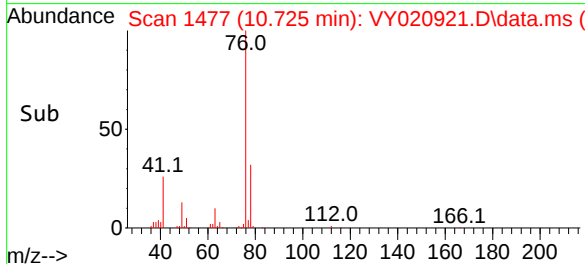
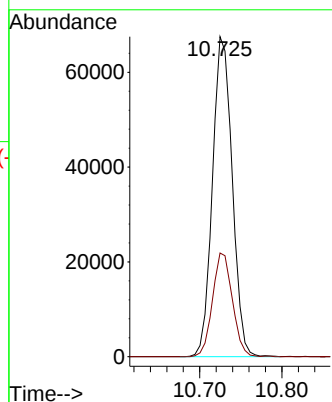
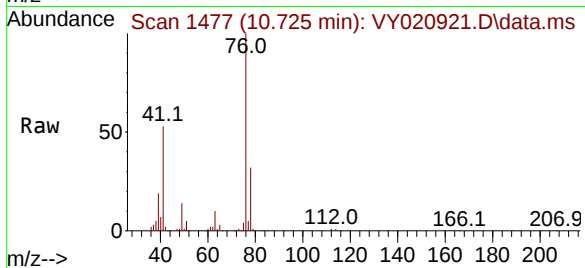
ClientSampleId :

Tgt Ion: 76 Resp: 112613

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 248.015 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. -0.012 min

Lab File: VY020921.D

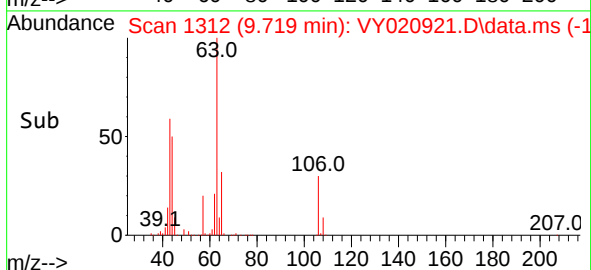
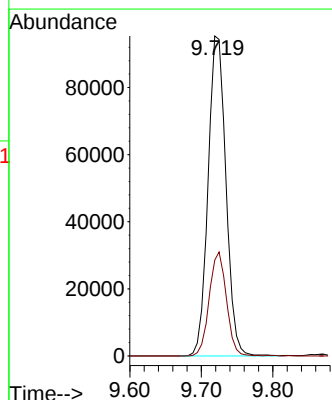
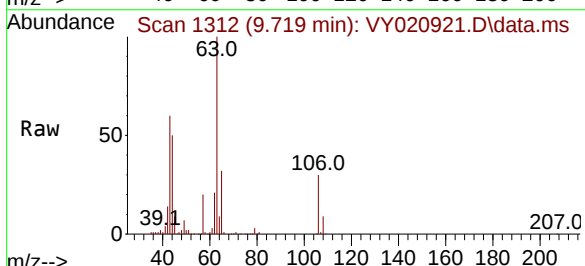
Acq: 23 Jan 2025 19:20

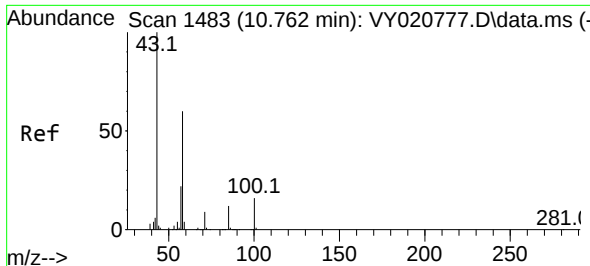
Tgt Ion: 63 Resp: 165651

Ion Ratio Lower Upper

63 100

106 31.2 25.9 38.9

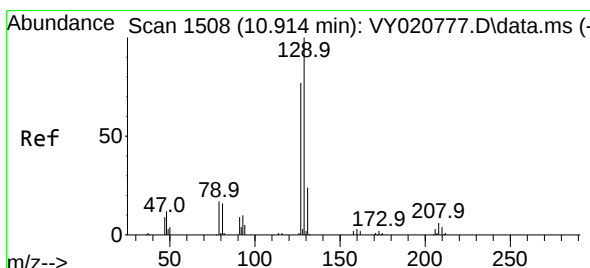
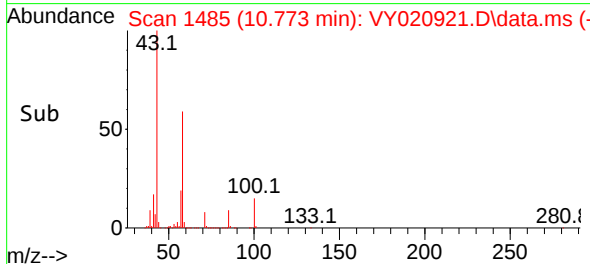
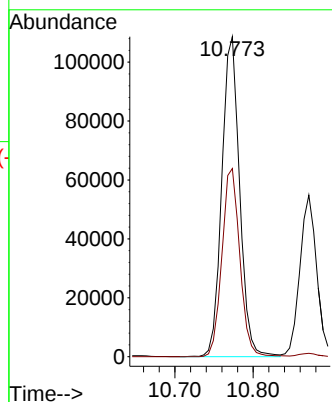
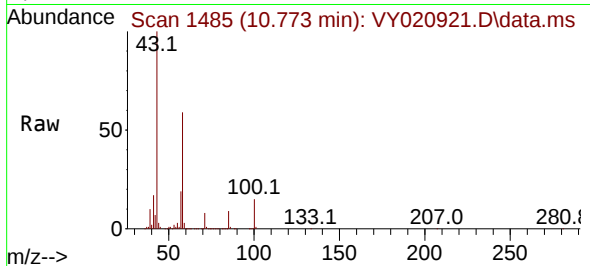




#59
2-Hexanone
Concen: 283.750 ug/l
RT: 10.773 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

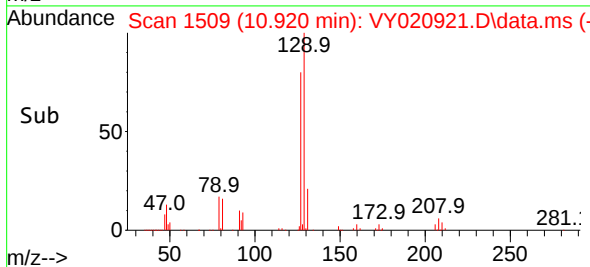
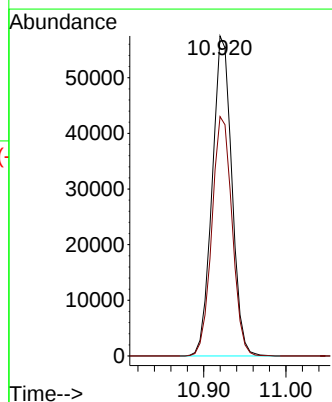
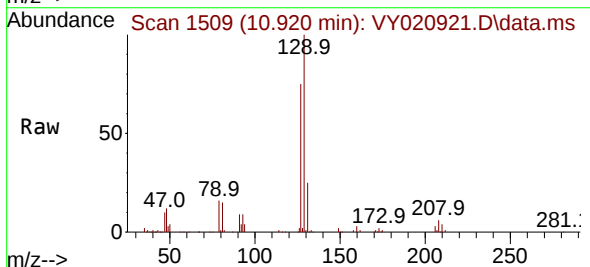
Instrument :
MSVOA_Y
ClientSampleId :

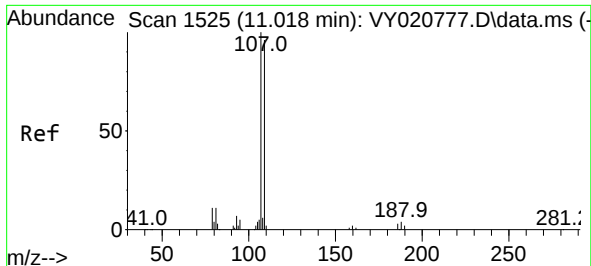
Tgt Ion: 43 Resp: 171923
Ion Ratio Lower Upper
43 100
58 59.1 30.6 92.0



#60
Dibromochloromethane
Concen: 49.307 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 129 Resp: 95333
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.9

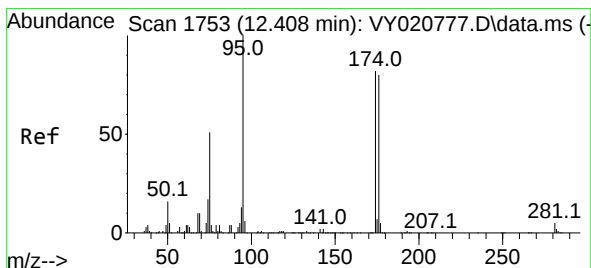
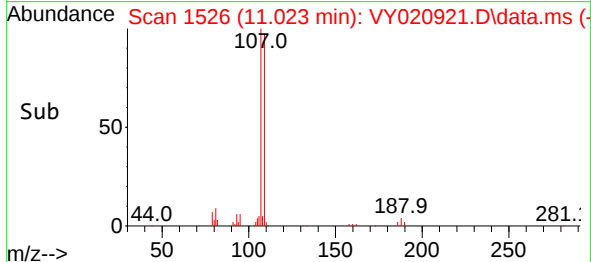
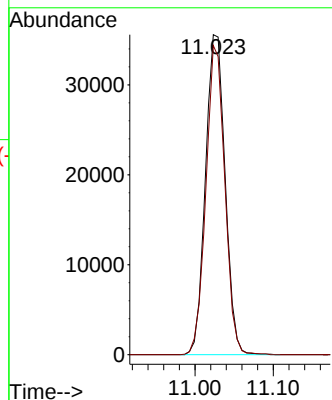
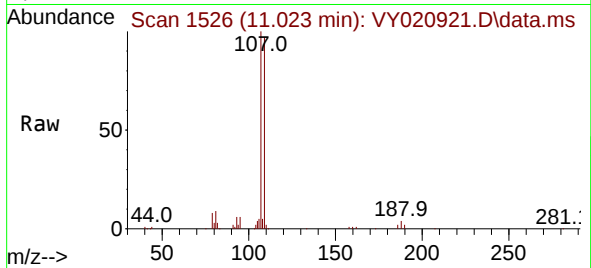




#61
1,2-Dibromoethane
Concen: 51.756 ug/l
RT: 11.023 min Scan# 1526
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

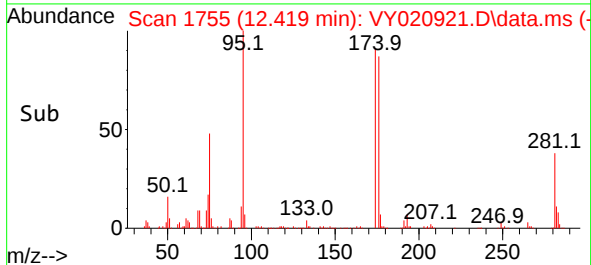
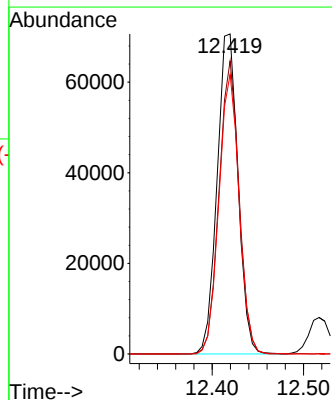
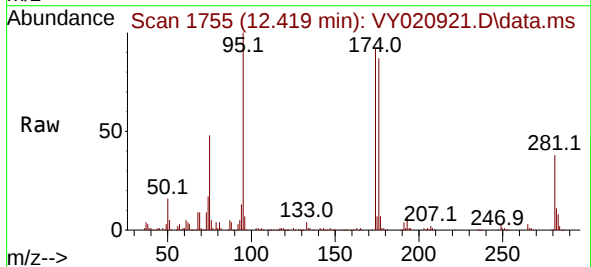
Instrument :
MSVOA_Y
ClientSampleId :

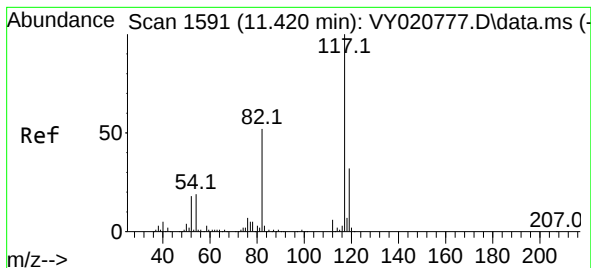
Tgt Ion:107 Resp: 61944
Ion Ratio Lower Upper
107 100
109 93.1 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 47.501 ug/l
RT: 12.419 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 95 Resp: 111969
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.0
176 84.6 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. -0.012 min

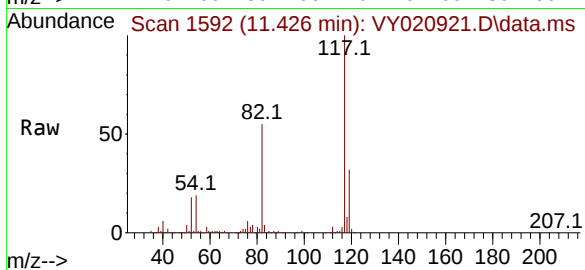
Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :



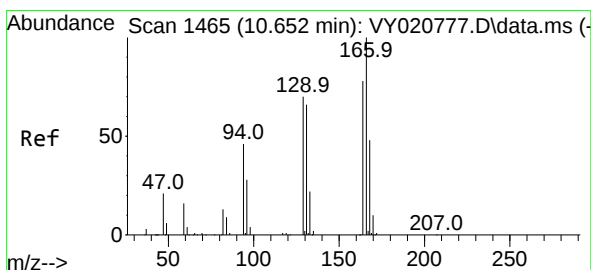
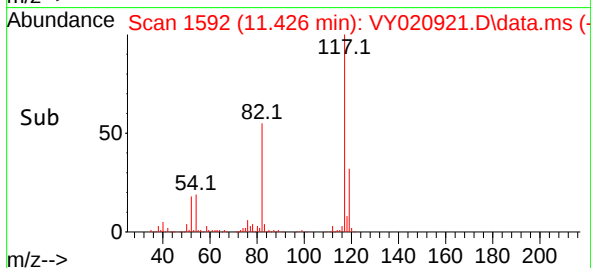
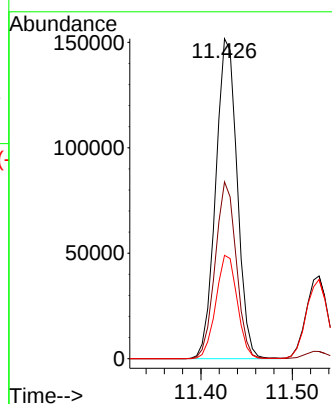
Tgt Ion:117 Resp: 248082

Ion Ratio Lower Upper

117 100

82 55.2 41.8 62.6

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 45.196 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Tgt Ion:164 Resp: 82435

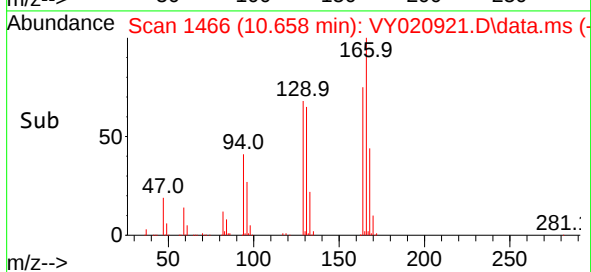
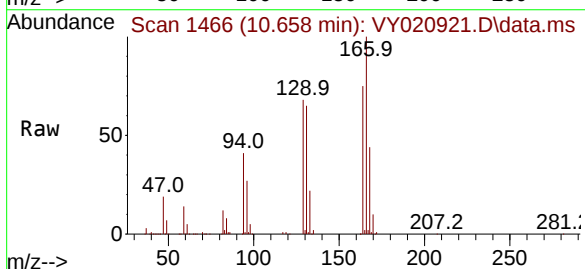
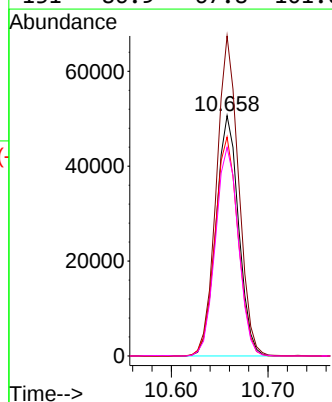
Ion Ratio Lower Upper

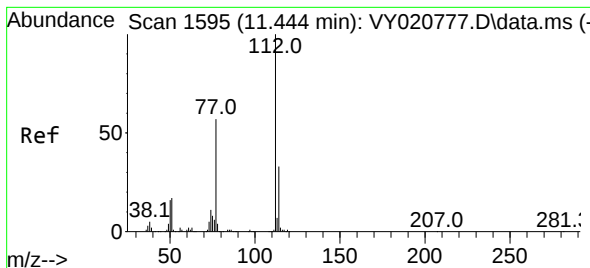
164 100

166 133.2 102.0 153.0

129 91.1 71.4 107.2

131 86.9 67.8 101.6





#65

Chlorobenzene

Concen: 47.491 ug/l

RT: 11.450 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

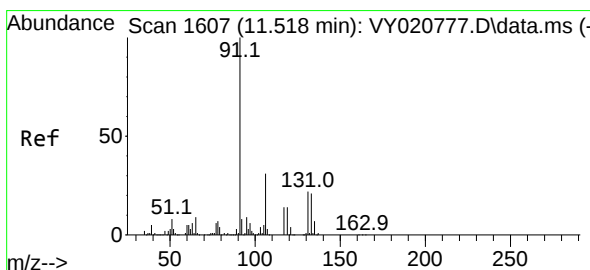
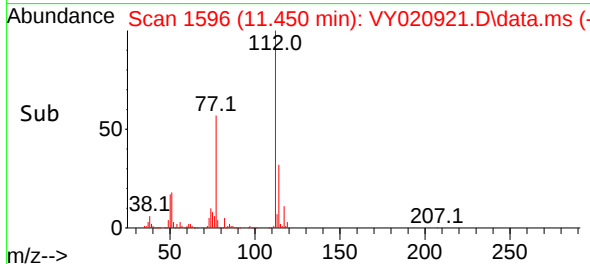
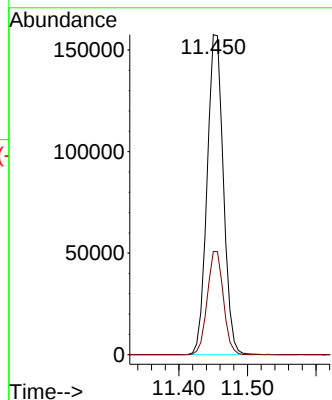
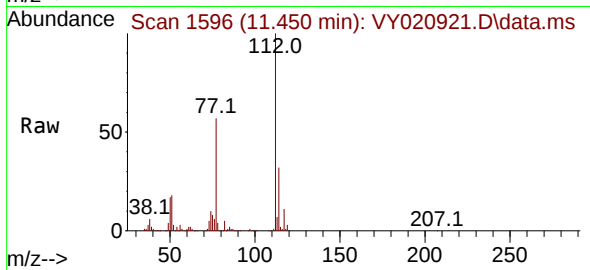
ClientSampleId :

Tgt Ion:112 Resp: 260493

Ion Ratio Lower Upper

112 100

114 32.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 47.041 ug/l

RT: 11.529 min Scan# 1609

Delta R.T. -0.006 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

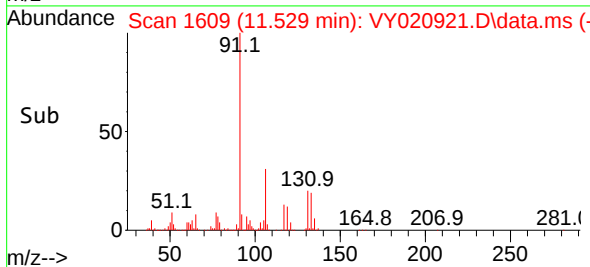
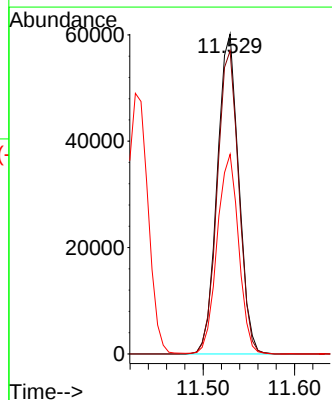
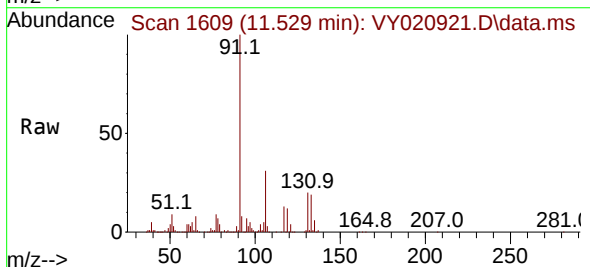
Tgt Ion:131 Resp: 98226

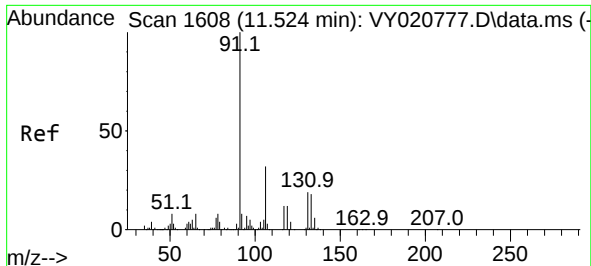
Ion Ratio Lower Upper

131 100

133 95.2 46.9 140.8

119 62.5 30.2 90.6





#67

Ethyl Benzene

Concen: 47.745 ug/l

RT: 11.529 min Scan# 1609

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

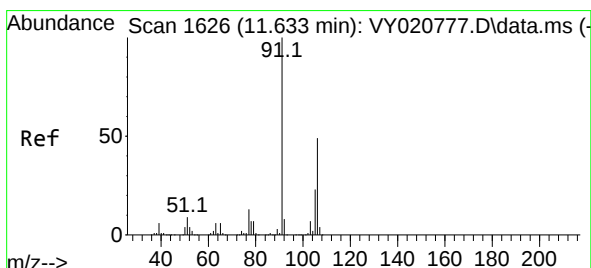
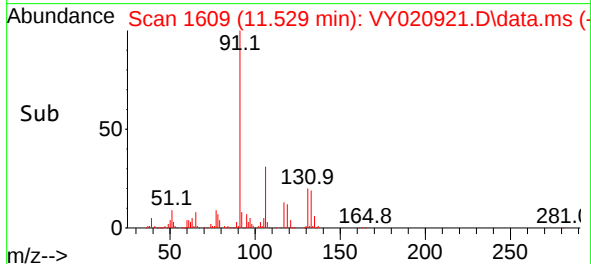
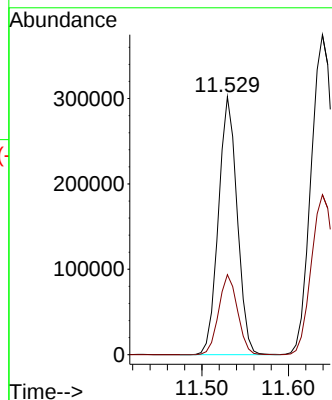
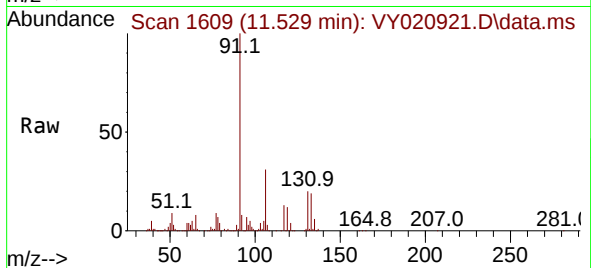
ClientSampleId :

Tgt Ion: 91 Resp: 453404

Ion Ratio Lower Upper

91 100

106 31.0 25.5 38.3



#68

m/p-Xylenes

Concen: 94.228 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. -0.012 min

Lab File: VY020921.D

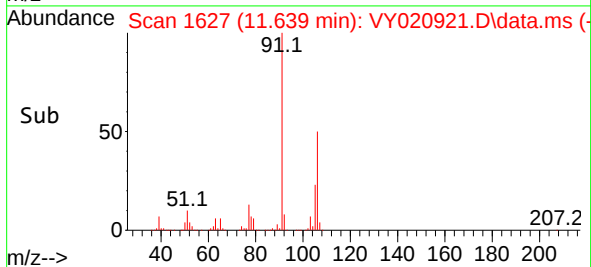
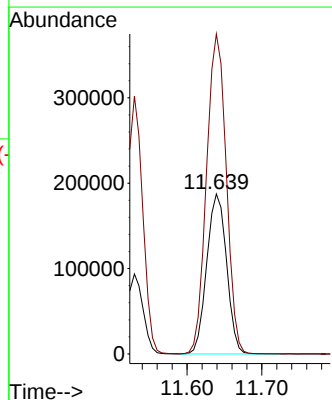
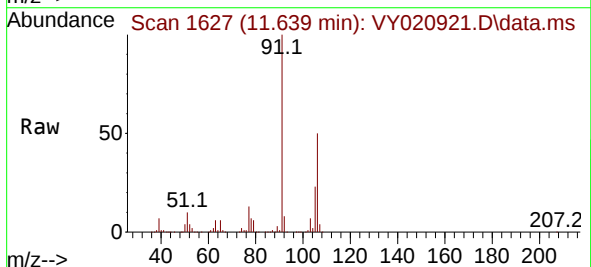
Acq: 23 Jan 2025 19:20

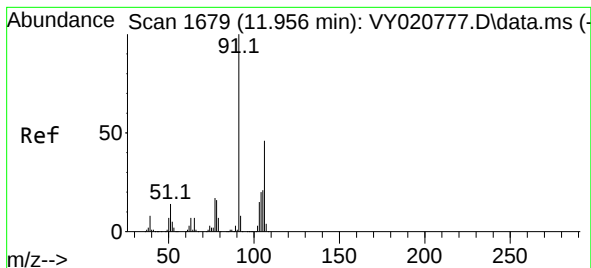
Tgt Ion:106 Resp: 344524

Ion Ratio Lower Upper

106 100

91 199.4 162.6 243.8





#69

o-Xylene

Concen: 47.798 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

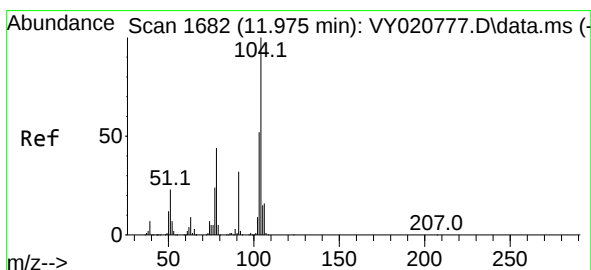
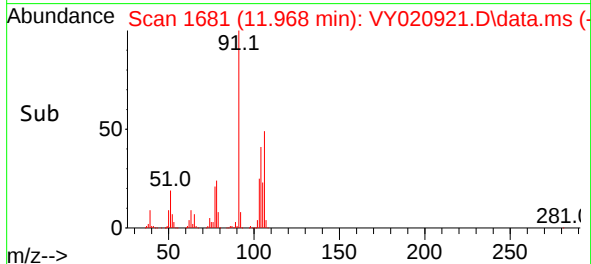
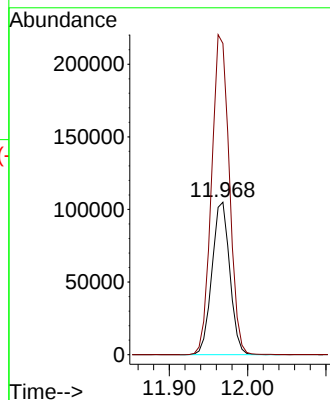
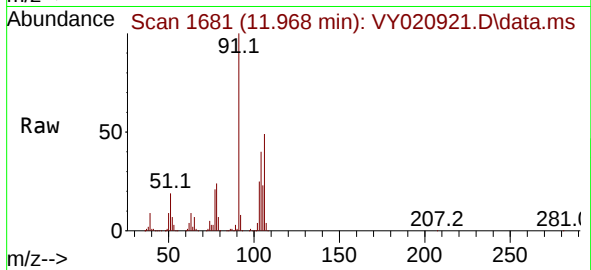
ClientSampleId :

Tgt Ion:106 Resp: 165701

Ion Ratio Lower Upper

106 100

91 209.5 108.2 324.6



#70

Styrene

Concen: 48.040 ug/l

RT: 11.981 min Scan# 1683

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

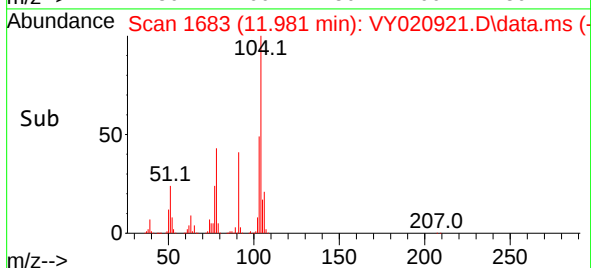
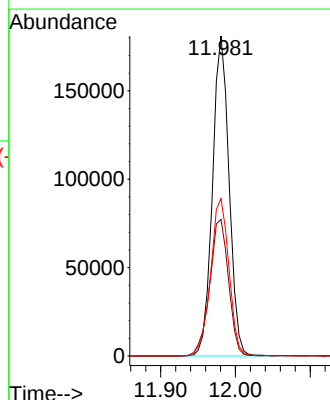
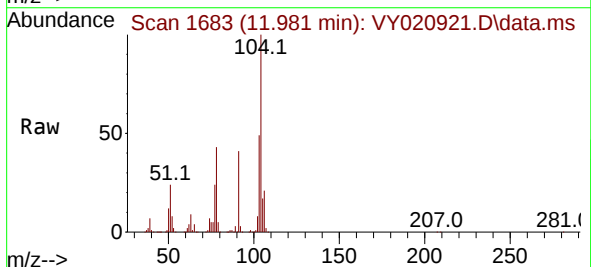
Tgt Ion:104 Resp: 280340

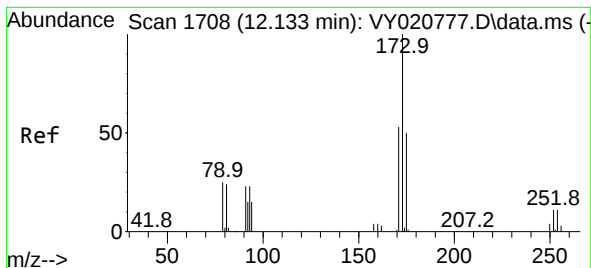
Ion Ratio Lower Upper

104 100

78 48.2 39.4 59.2

103 54.3 44.0 66.0





#71

Bromoform

Concen: 48.922 ug/l

RT: 12.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

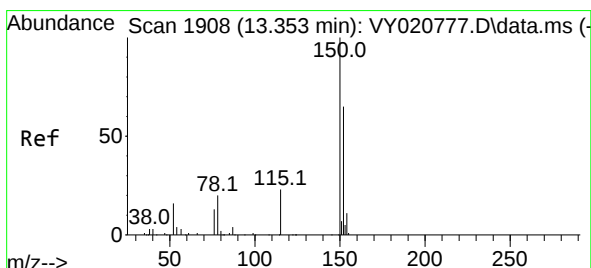
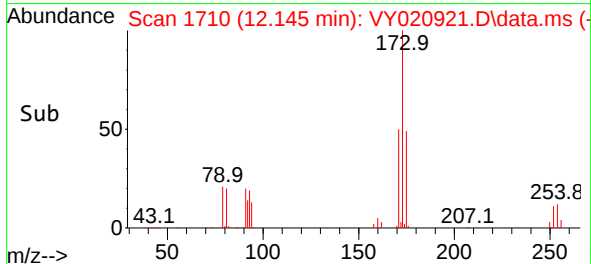
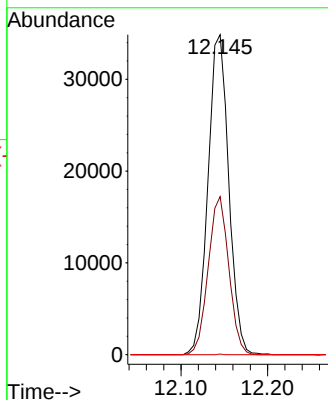
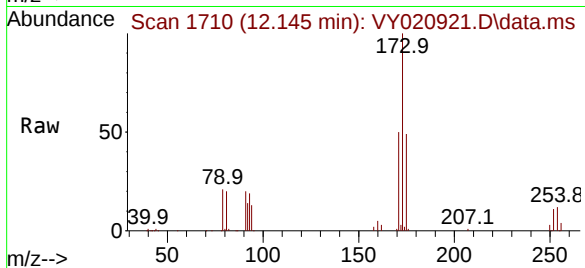
Tgt Ion:173 Resp: 58073

Ion Ratio Lower Upper

173 100

175 49.0 24.2 72.6

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.358 min Scan# 1909

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

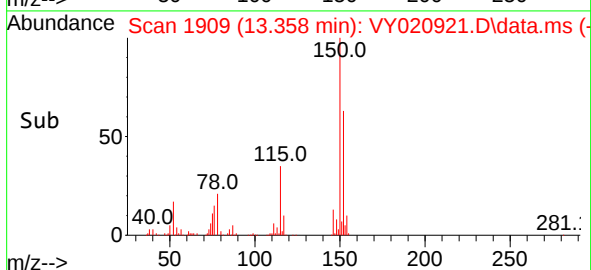
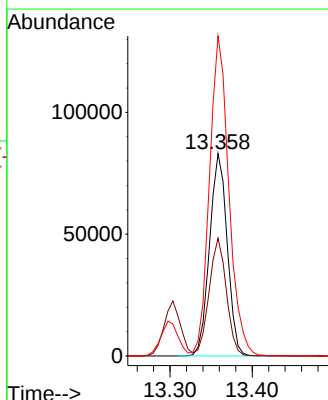
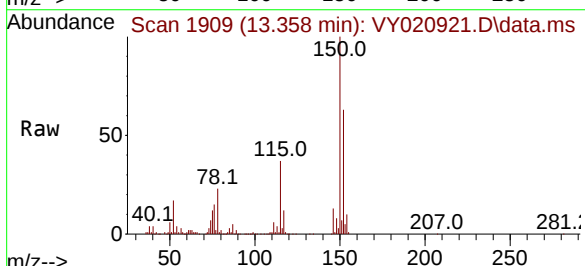
Tgt Ion:152 Resp: 124223

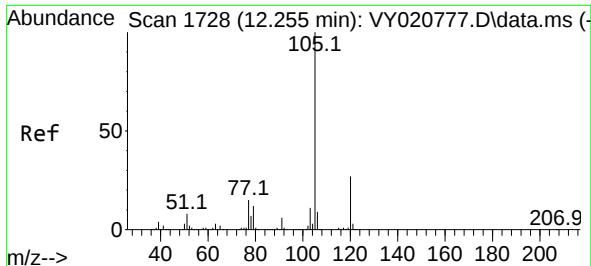
Ion Ratio Lower Upper

152 100

115 56.9 29.0 87.0

150 173.5 0.0 347.4

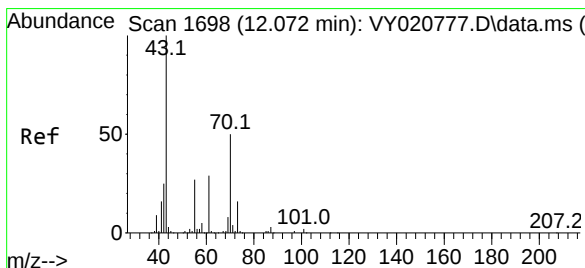
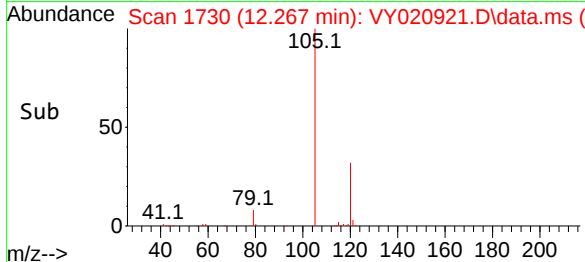
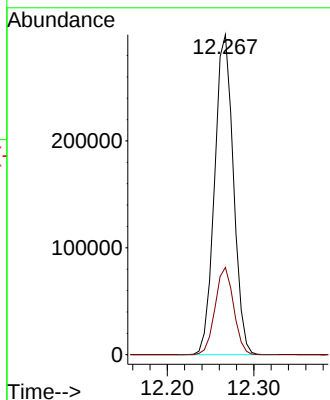
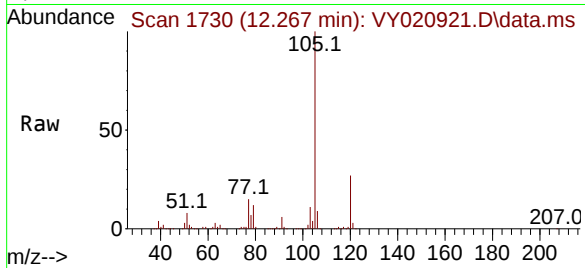




#73
Isopropylbenzene
Concen: 45.806 ug/l
RT: 12.267 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

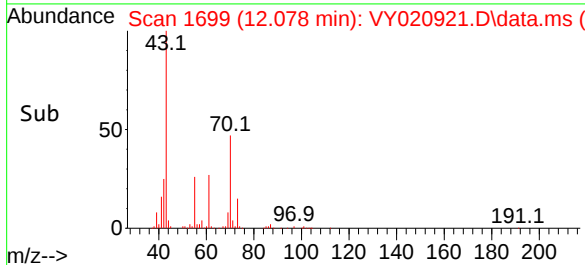
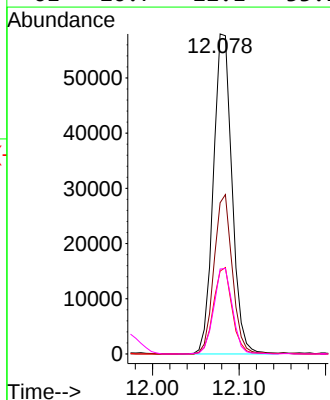
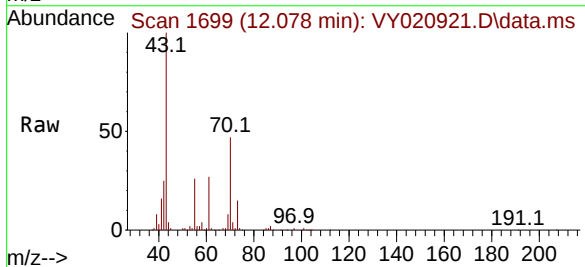
Instrument :
MSVOA_Y
ClientSampleId :

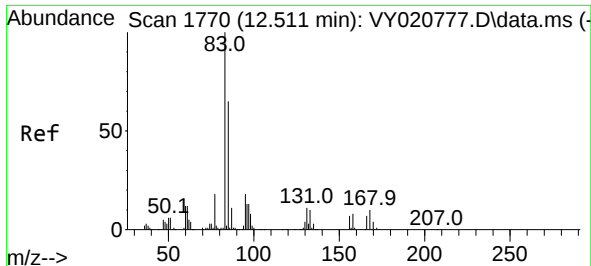
Tgt Ion:105 Resp: 451408
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-ethyl acetate
Concen: 53.879 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 43 Resp: 86853
Ion Ratio Lower Upper
43 100
70 48.9 40.2 60.4
55 27.0 21.2 31.8
61 26.7 22.1 33.1

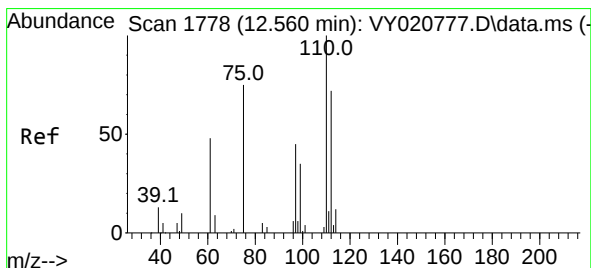
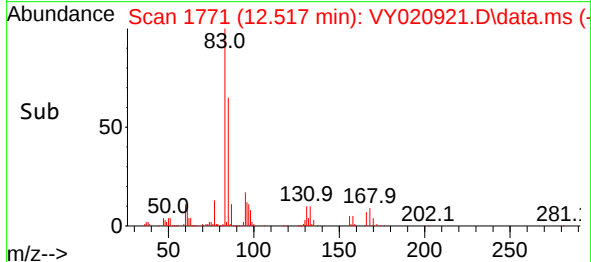
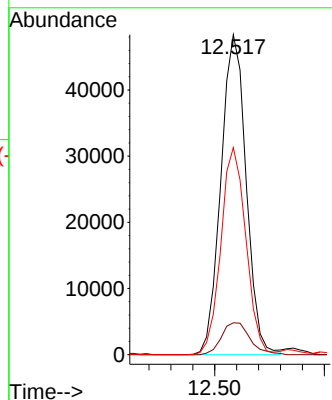
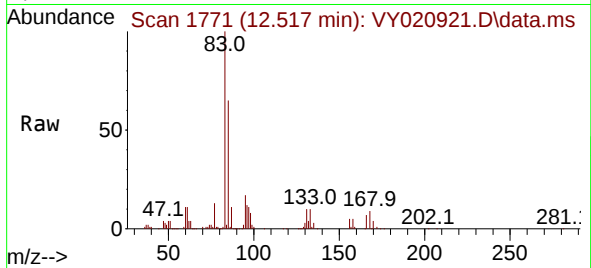




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.789 ug/l
 RT: 12.517 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: VY020921.D
 Acq: 23 Jan 2025 19:20

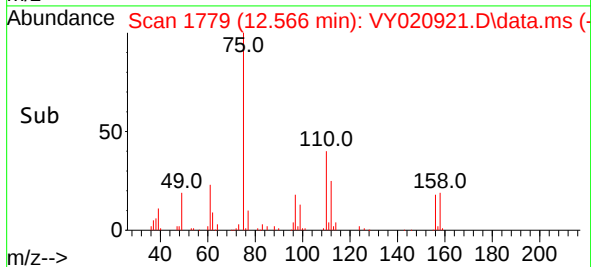
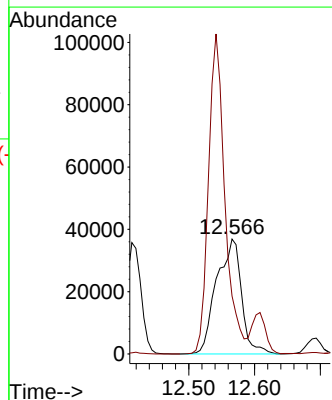
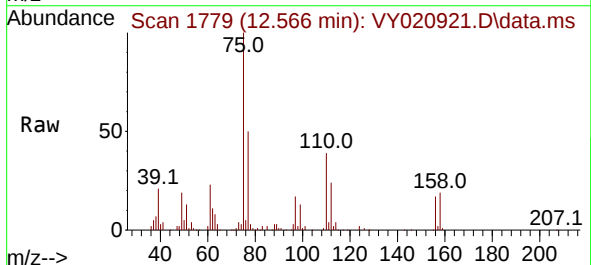
Instrument :
 MSVOA_Y
 ClientSampleId :

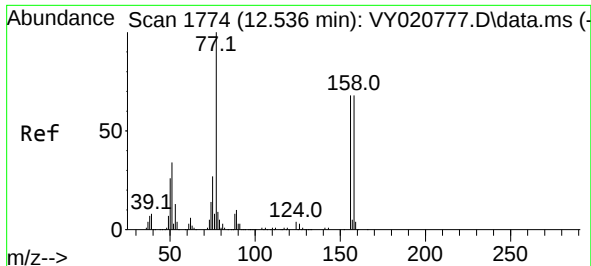
Tgt Ion: 83 Resp: 77355
 Ion Ratio Lower Upper
 83 100
 131 11.2 6.0 18.0
 85 64.0 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 89.430 ug/l
 RT: 12.566 min Scan# 1779
 Delta R.T. -0.012 min
 Lab File: VY020921.D
 Acq: 23 Jan 2025 19:20

Tgt Ion: 75 Resp: 97204
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

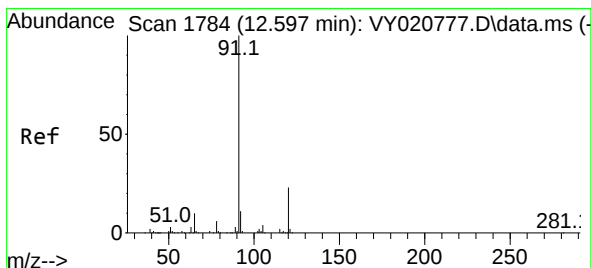
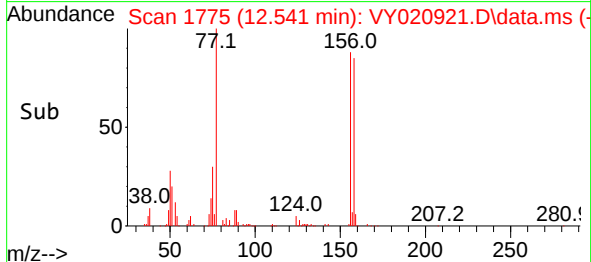
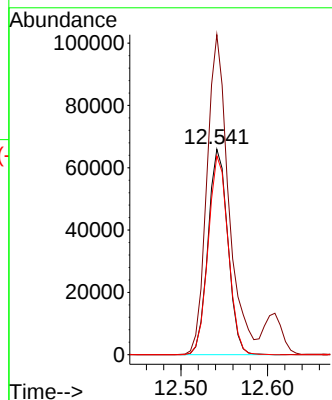
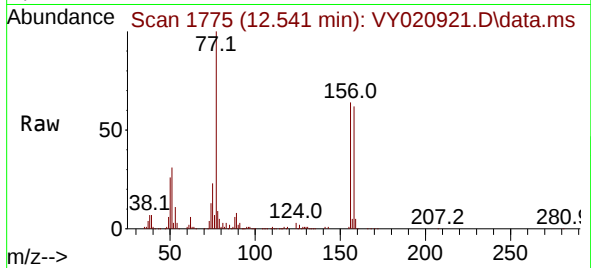




#77
Bromobenzene
Concen: 46.233 ug/l
RT: 12.541 min Scan# 1775
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

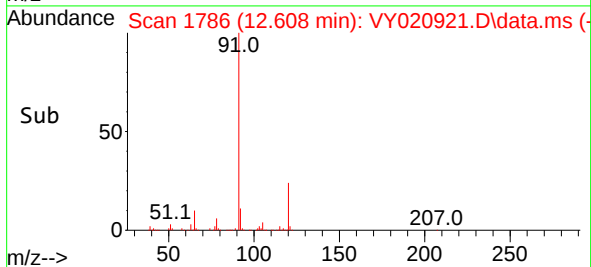
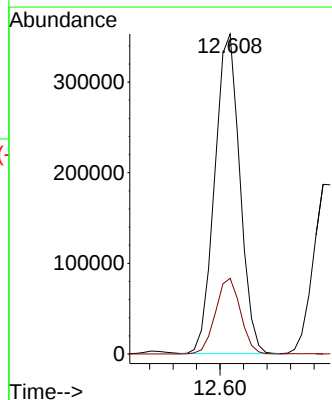
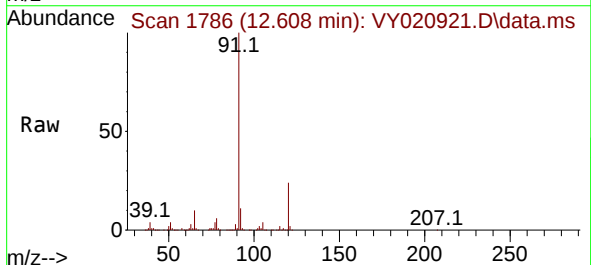
Instrument :
MSVOA_Y
ClientSampleId :

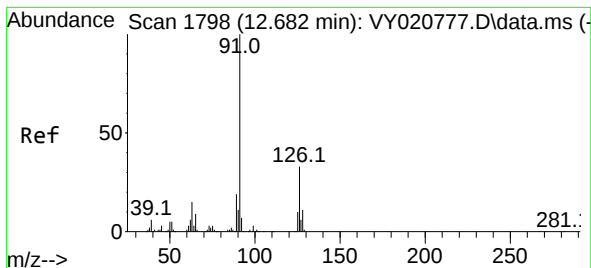
Tgt Ion:156 Resp: 105046
Ion Ratio Lower Upper
156 100
77 169.9 82.3 247.0
158 97.6 48.0 144.0



#78
n-propylbenzene
Concen: 46.796 ug/l
RT: 12.608 min Scan# 1786
Delta R.T. -0.006 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 91 Resp: 523452
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.1

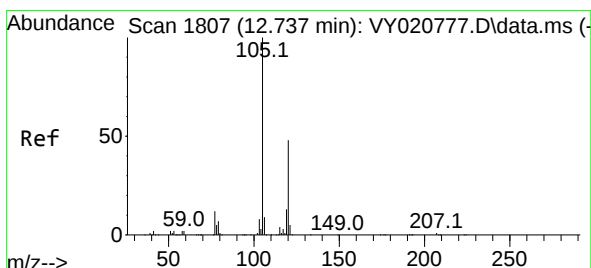
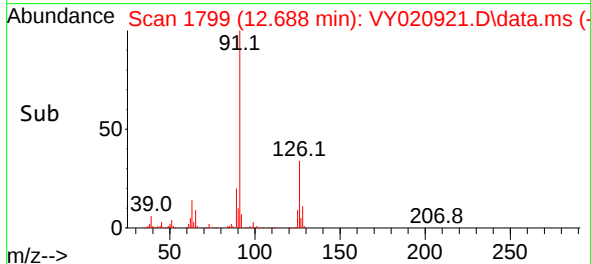
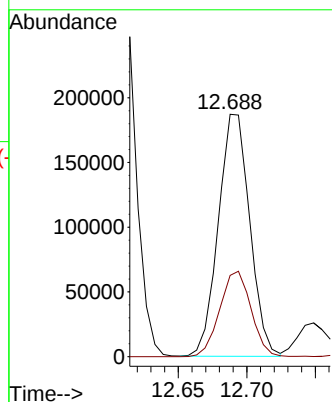
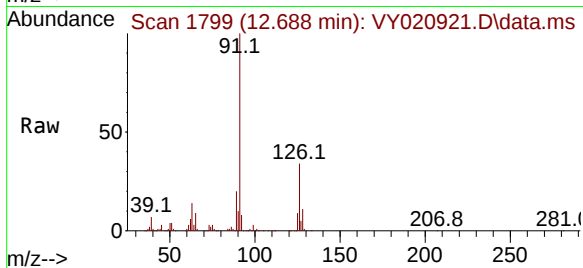




#79
2-Chlorotoluene
Concen: 46.397 ug/l
RT: 12.688 min Scan# 1798
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

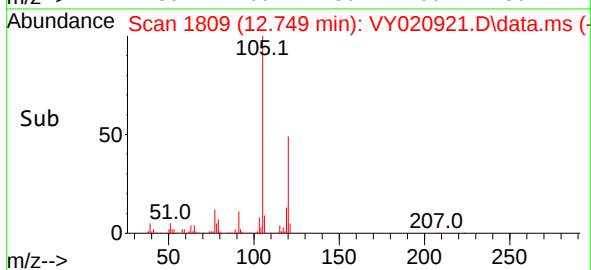
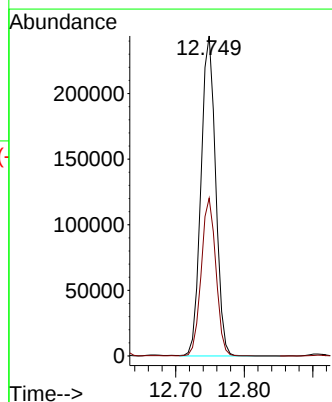
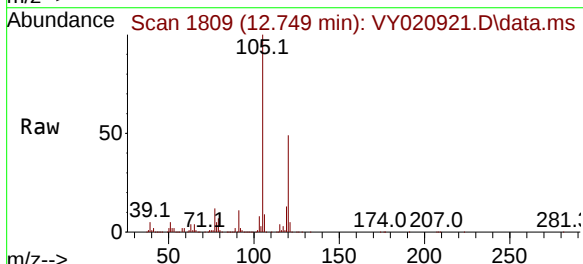
Instrument :
MSVOA_Y
ClientSampleId :

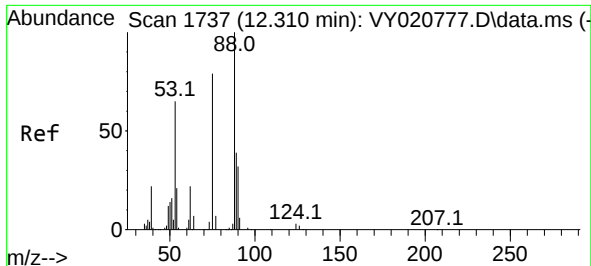
Tgt Ion: 91 Resp: 298863
Ion Ratio Lower Upper
91 100
126 35.1 17.5 52.6



#80
1,3,5-Trimethylbenzene
Concen: 45.432 ug/l
RT: 12.749 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 105 Resp: 362840
Ion Ratio Lower Upper
105 100
120 49.3 24.5 73.5

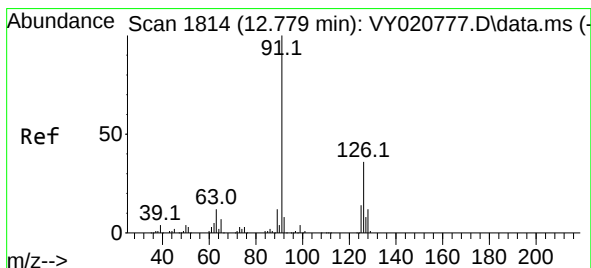
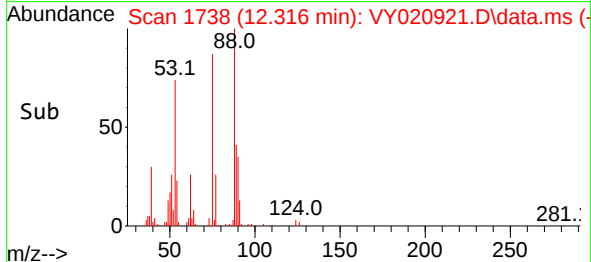
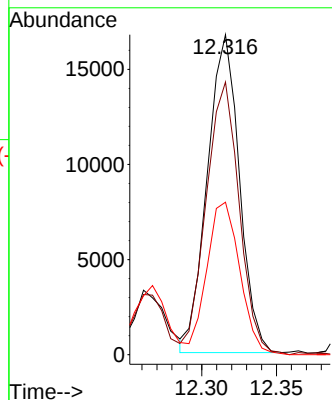
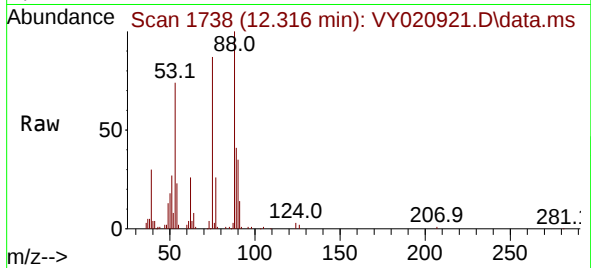




#81
trans-1,4-Dichloro-2-butene
Concen: 48.348 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

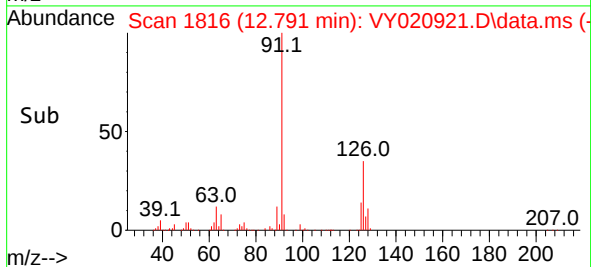
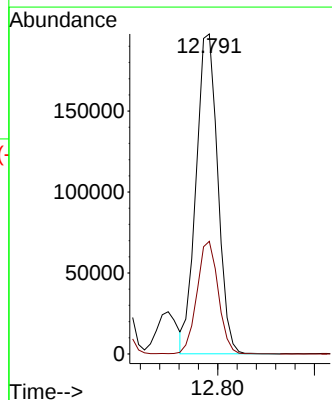
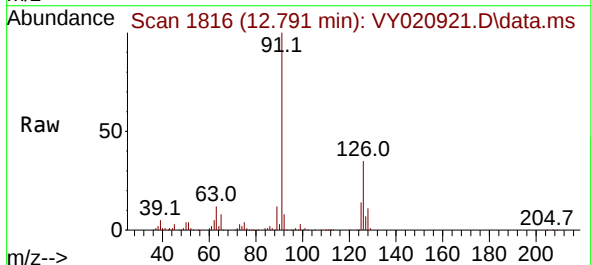
Instrument :
MSVOA_Y
ClientSampleId :

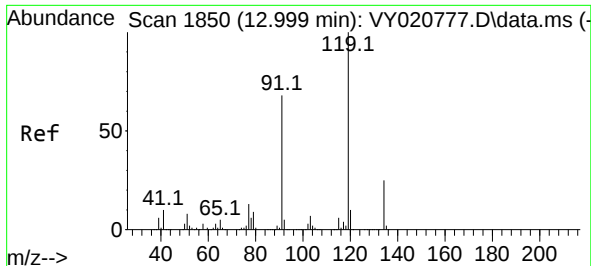
Tgt Ion: 75 Resp: 24923
Ion Ratio Lower Upper
75 100
53 88.5 69.4 104.0
89 49.1 39.6 59.4



#82
4-Chlorotoluene
Concen: 46.265 ug/l
RT: 12.791 min Scan# 1816
Delta R.T. -0.006 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 91 Resp: 307549
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7

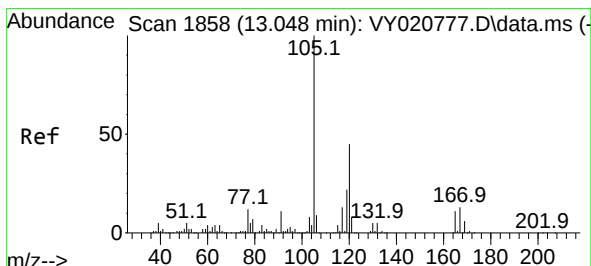
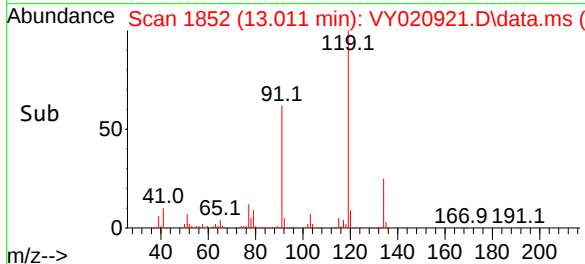
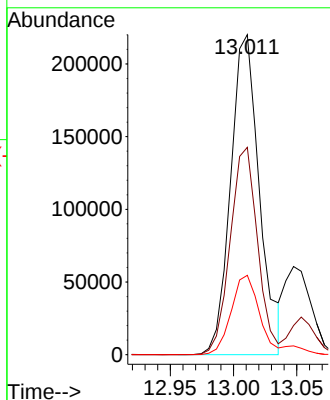
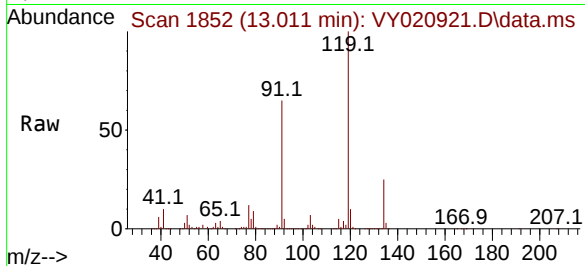




#83
tert-Butylbenzene
Concen: 46.749 ug/l
RT: 13.011 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

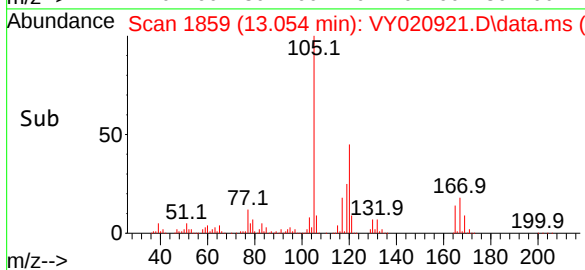
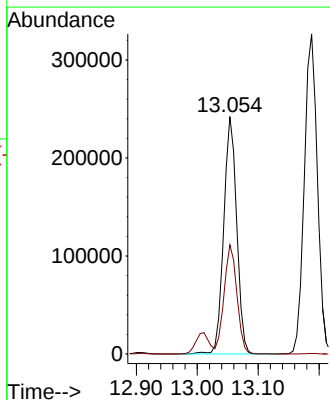
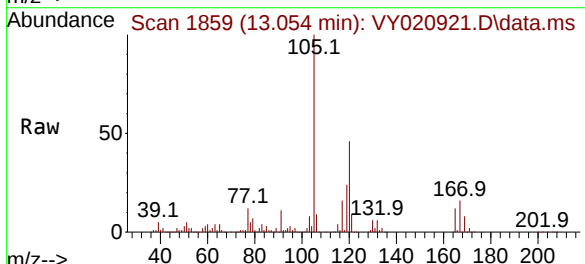
Instrument :
MSVOA_Y
ClientSampleId :

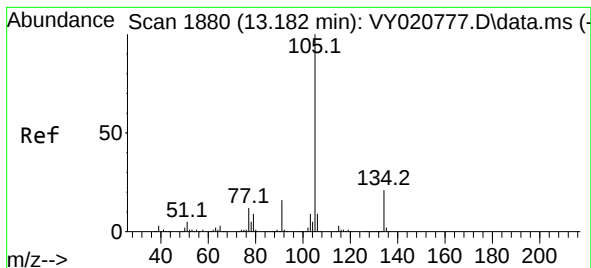
Tgt Ion:119 Resp: 349205
Ion Ratio Lower Upper
119 100
91 61.9 33.0 98.9
134 26.2 13.7 41.1



#84
1,2,4-Trimethylbenzene
Concen: 45.855 ug/l
RT: 13.054 min Scan# 1859
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion:105 Resp: 357624
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.2





#85

sec-Butylbenzene

Concen: 46.447 ug/l

RT: 13.188 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

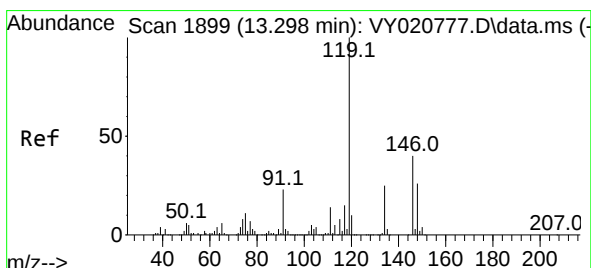
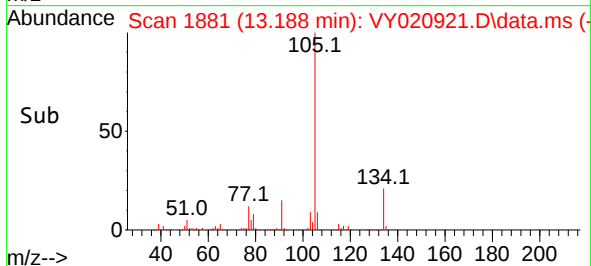
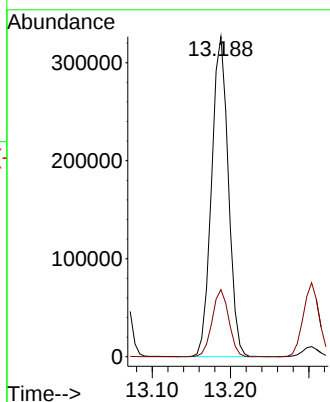
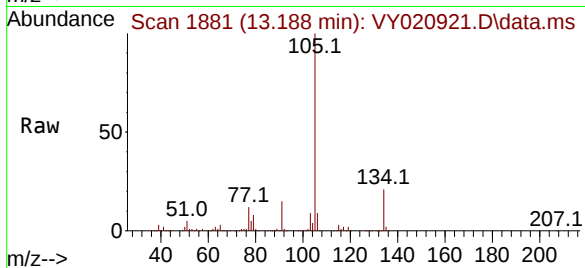
ClientSampleId :

Tgt Ion:105 Resp: 484618

Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.5



#86

p-Isopropyltoluene

Concen: 45.523 ug/l

RT: 13.303 min Scan# 1900

Delta R.T. -0.006 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

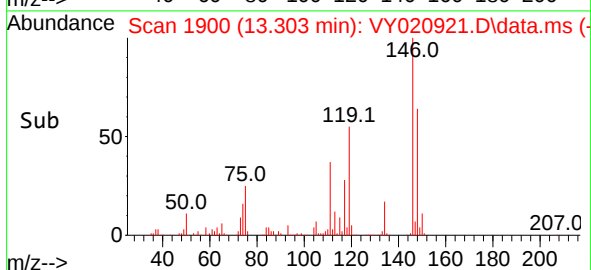
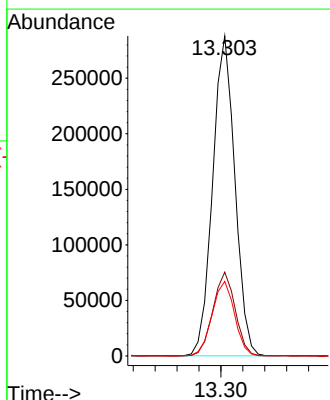
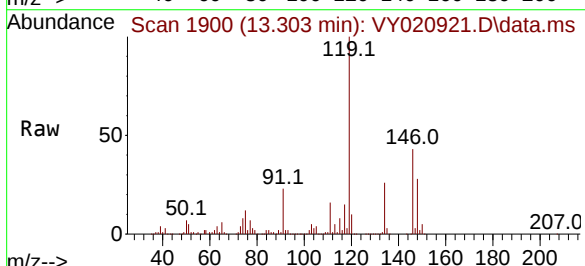
Tgt Ion:119 Resp: 405186

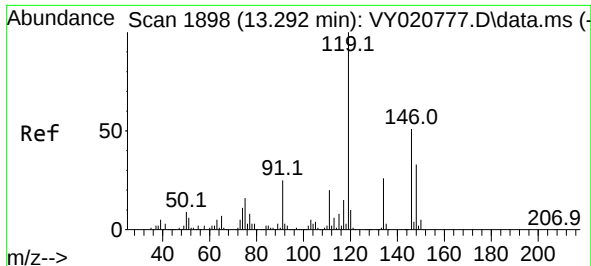
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 23.5 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 46.338 ug/l

RT: 13.297 min Scan# 1898

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

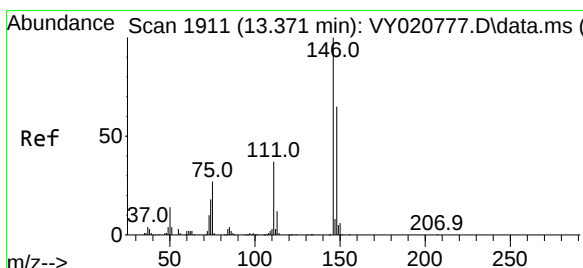
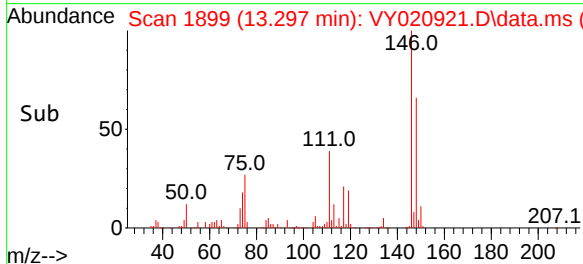
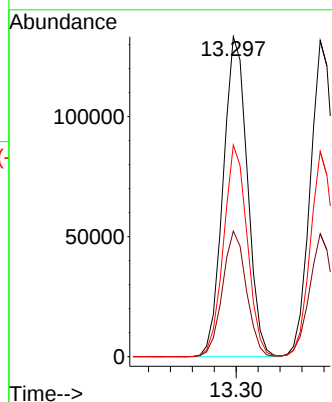
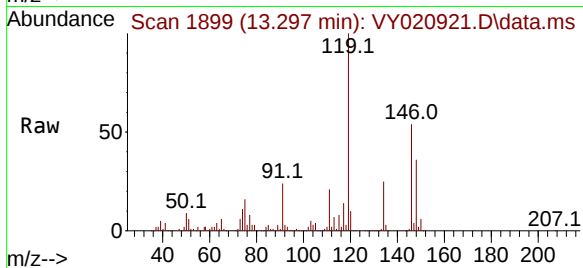
Tgt Ion:146 Resp: 204570

Ion Ratio Lower Upper

146 100

111 38.6 19.5 58.5

148 64.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 46.260 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

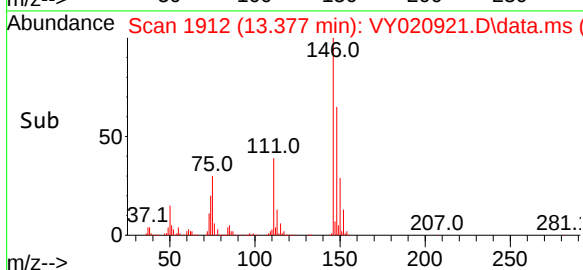
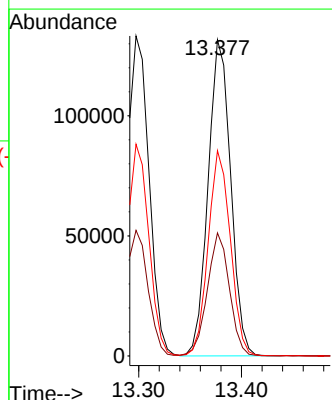
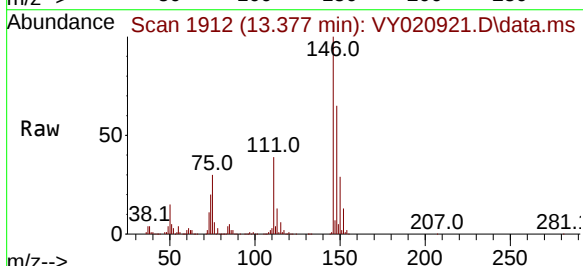
Tgt Ion:146 Resp: 201035

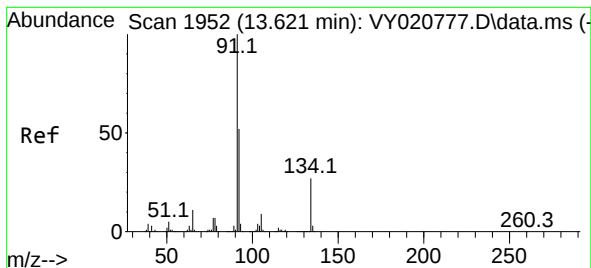
Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.3

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 47.089 ug/l

RT: 13.627 min Scan# 1952

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

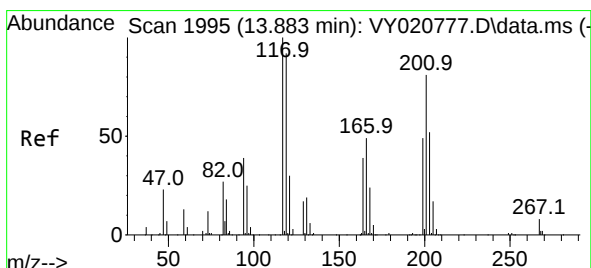
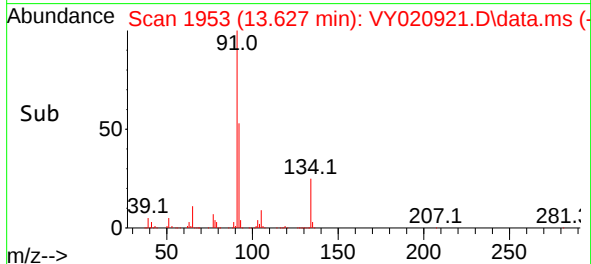
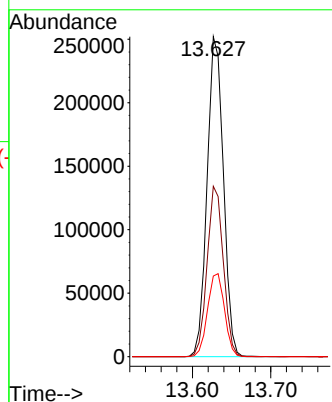
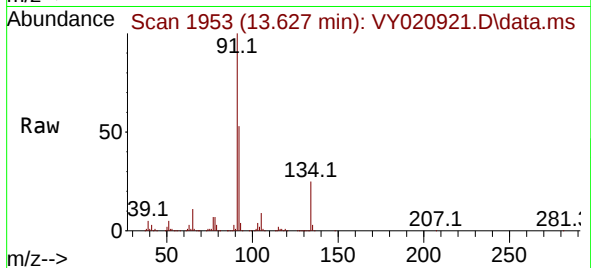
Tgt Ion: 91 Resp: 363606

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.4

134 27.0 13.8 41.4



#90

Hexachloroethane

Concen: 46.221 ug/l

RT: 13.895 min Scan# 1997

Delta R.T. -0.006 min

Lab File: VY020921.D

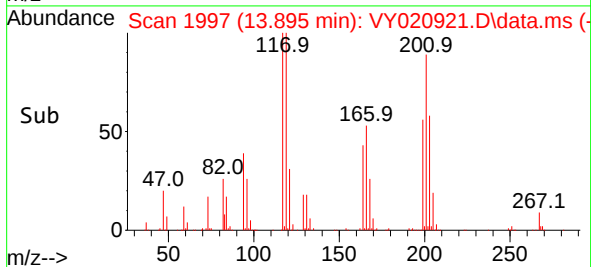
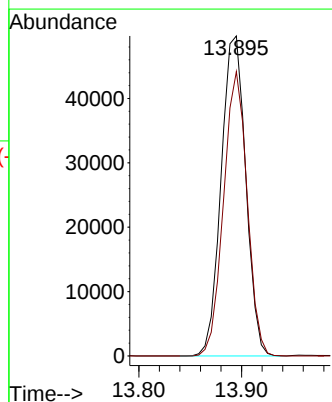
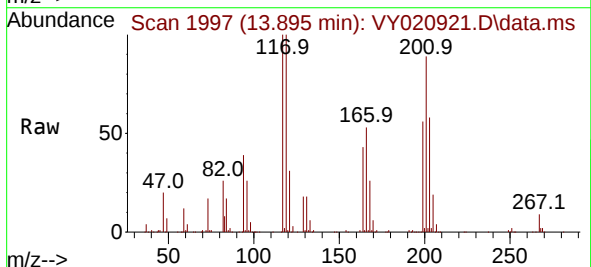
Acq: 23 Jan 2025 19:20

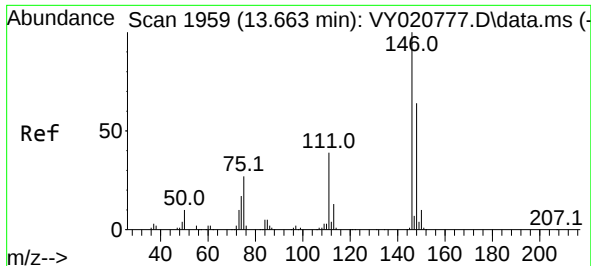
Tgt Ion: 117 Resp: 82607

Ion Ratio Lower Upper

117 100

201 85.1 42.9 128.7

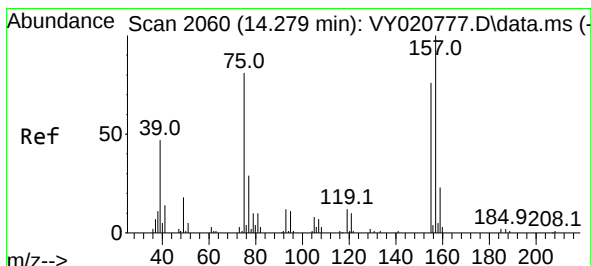
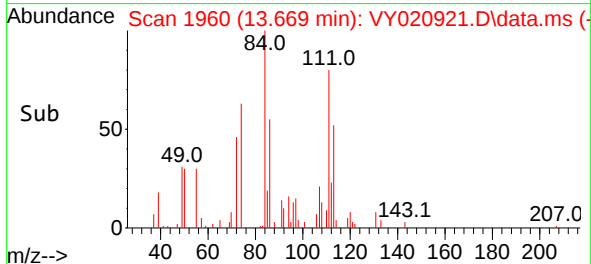
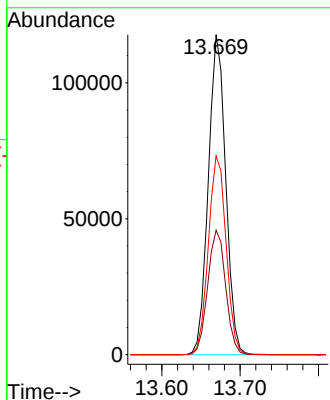
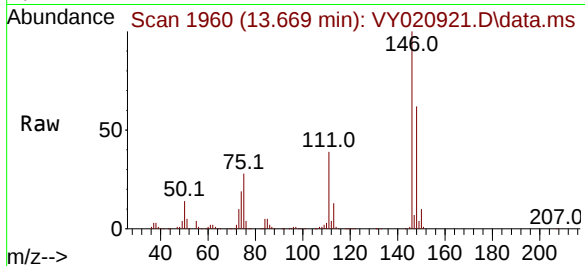




#91
1,2-Dichlorobenzene
Concen: 46.888 ug/l
RT: 13.669 min Scan# 1959
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

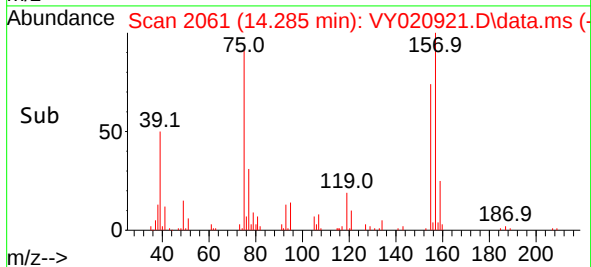
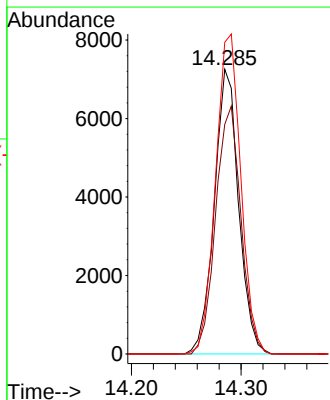
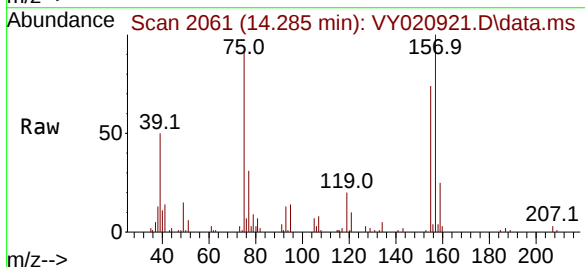
Instrument :
MSVOA_Y
ClientSampleId :

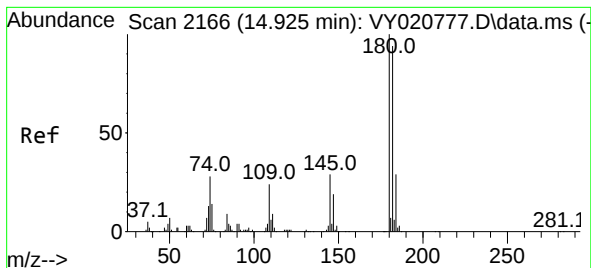
Tgt Ion:146 Resp: 180992
Ion Ratio Lower Upper
146 100
111 40.2 20.0 60.0
148 63.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.330 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. -0.012 min
Lab File: VY020921.D
Acq: 23 Jan 2025 19:20

Tgt Ion: 75 Resp: 11189
Ion Ratio Lower Upper
75 100
155 90.5 45.5 136.5
157 116.8 59.7 179.0





#93

1,2,4-Trichlorobenzene

Concen: 48.177 ug/l

RT: 14.931 min Scan# 2167

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

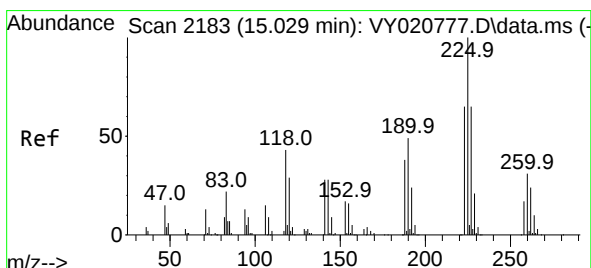
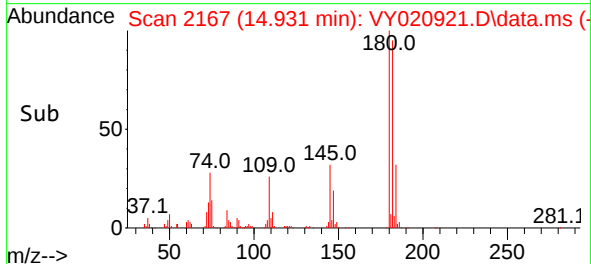
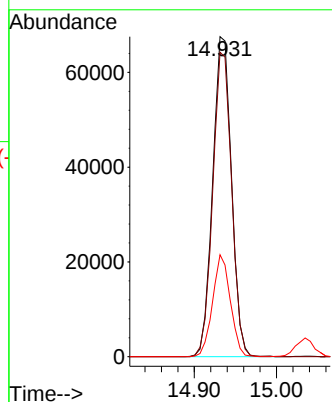
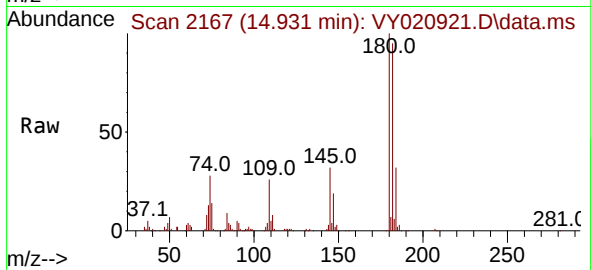
Tgt Ion:180 Resp: 107024

Ion Ratio Lower Upper

180 100

182 95.5 47.6 142.9

145 30.2 15.0 45.1



#94

Hexachlorobutadiene

Concen: 46.325 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

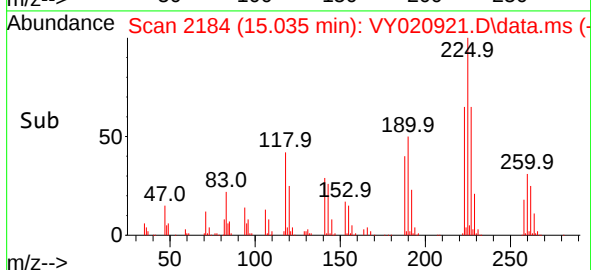
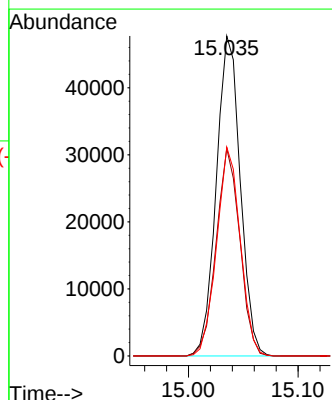
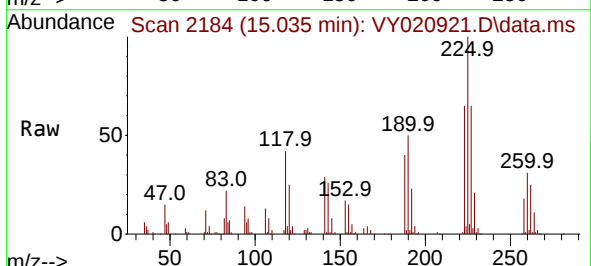
Tgt Ion:225 Resp: 72548

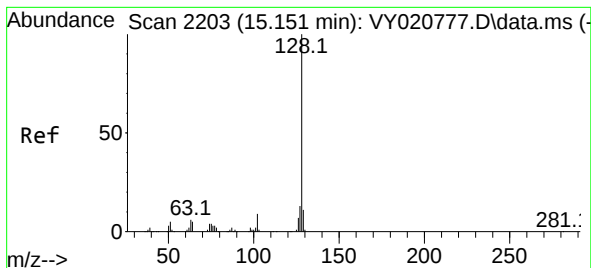
Ion Ratio Lower Upper

225 100

223 64.0 31.6 94.8

227 64.3 32.2 96.6





#95

Naphthalene

Concen: 49.153 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Instrument :

MSVOA_Y

ClientSampleId :

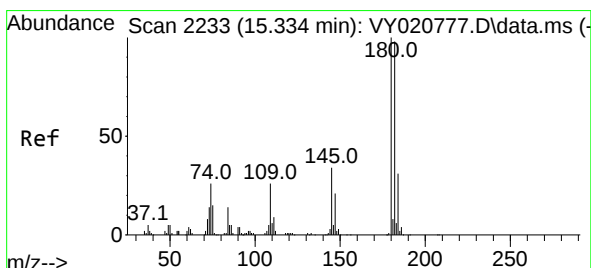
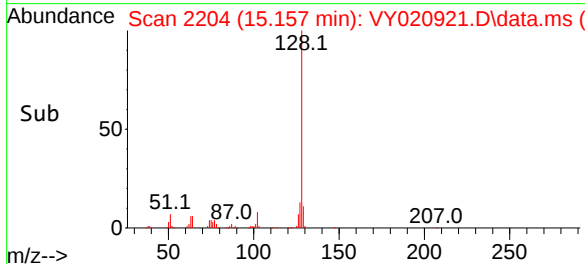
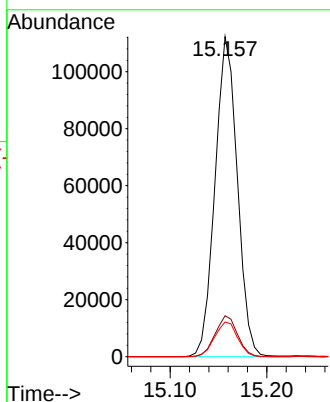
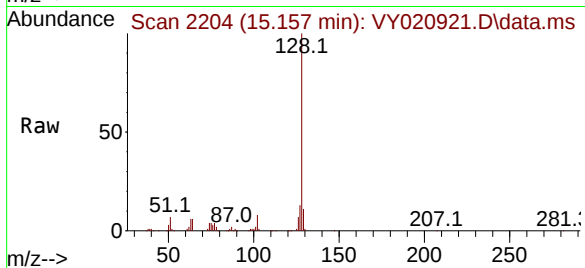
Tgt Ion:128 Resp: 179711

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.942 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. -0.012 min

Lab File: VY020921.D

Acq: 23 Jan 2025 19:20

Tgt Ion:180 Resp: 91088

Ion Ratio Lower Upper

180 100

182 94.9 48.1 144.3

145 31.5 16.1 48.2

