

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021895.D
 Acq On : 15 Apr 2025 14:49
 Operator : SY/MD
 Sample : Q1790-02MS
 Misc : 7.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-872-G1-SO-20.0-20.5-041025MS

Quant Time: Apr 16 03:02:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	160960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	248136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	223338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	117205	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	80929	46.405	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.820%
35) Dibromofluoromethane	7.634	113	79187	49.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.400%
50) Toluene-d8	10.109	98	300662	49.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.200%
62) 4-Bromofluorobenzene	12.408	95	103457	49.949	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	79663	47.751	ug/l	97
3) Chloromethane	2.068	50	97861	41.716	ug/l	98
4) Vinyl Chloride	2.202	62	120311	45.349	ug/l	99
5) Bromomethane	2.598	94	75470	41.709	ug/l	98
6) Chloroethane	2.739	64	75741	43.630	ug/l	95
7) Trichlorofluoromethane	3.062	101	169663	49.923	ug/l	99
8) Diethyl Ether	3.458	74	41166	44.542	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	95852	53.476	ug/l	99
10) Methyl Iodide	4.001	142	100928	51.326	ug/l	98
11) Tert butyl alcohol	4.866	59	21242	187.527	ug/l #	84
12) 1,1-Dichloroethene	3.793	96	83728	49.593	ug/l	91
13) Acrolein	3.653	56	8597	41.565	ug/l	94
14) Allyl chloride	4.391	41	109479	40.670	ug/l	99
15) Acrylonitrile	5.061	53	84714	219.529	ug/l	99
16) Acetone	3.873	43	71054	199.076	ug/l	97
17) Carbon Disulfide	4.110	76	252120	45.339	ug/l	99
18) Methyl Acetate	4.385	43	53263	60.212	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	192454	45.786	ug/l	97
20) Methylene Chloride	4.616	84	94364	54.368	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	89380	48.082	ug/l	97
22) Diisopropyl ether	6.018	45	268487	47.546	ug/l	96
23) Vinyl Acetate	5.957	43	574416	173.885	ug/l	100
24) 1,1-Dichloroethane	5.915	63	166322	49.258	ug/l	98
25) 2-Butanone	6.896	43	103822	203.656	ug/l	98
26) 2,2-Dichloropropane	6.890	77	139644	46.493	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	162877	77.915	ug/l	94
28) Bromochloromethane	7.244	49	68238	47.920	ug/l	95
29) Tetrahydrofuran	7.262	42	68317	208.223	ug/l	100
30) Chloroform	7.421	83	171198	48.747	ug/l	98
31) Cyclohexane	7.701	56	148991	48.406	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	159419	50.224	ug/l	100
36) 1,1-Dichloropropene	7.835	75	122616	50.013	ug/l	97
37) Ethyl Acetate	6.982	43	47259	40.844	ug/l #	80
38) Carbon Tetrachloride	7.817	117	147722	52.607	ug/l	99
39) Methylcyclohexane	9.109	83	160474	54.791	ug/l	96
40) Benzene	8.079	78	368400	50.175	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	28752	46.791	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	100863	48.729	ug/l	99
43) Isopropyl Acetate	8.195	43	95761	43.672	ug/l	99
44) Trichloroethene	8.866	130	160460	85.774	ug/l	99
45) 1,2-Dichloropropane	9.140	63	86559	49.805	ug/l	99
46) Dibromomethane	9.231	93	48661	48.582	ug/l	99
47) Bromodichloromethane	9.426	83	129157	49.764	ug/l	95
48) Methyl methacrylate	9.219	41	46161	45.869	ug/l	99
49) 1,4-Dioxane	9.231	88	9496	885.001	ug/l	92
51) 4-Methyl-2-Pentanone	9.999	43	252335	221.136	ug/l	100
52) Toluene	10.170	92	233003	50.864	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	110130	47.773	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	129117	47.476	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	64135	49.757	ug/l	98
56) Ethyl methacrylate	10.438	69	75570	45.915	ug/l	100
57) 1,3-Dichloropropane	10.719	76	108969	48.950	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	210306	261.930	ug/l	99
59) 2-Hexanone	10.762	43	164590	216.582	ug/l	99
60) Dibromochloromethane	10.914	129	88941	50.539	ug/l	100
61) 1,2-Dibromoethane	11.011	107	59906	49.544	ug/l	99
64) Tetrachloroethene	10.646	164	113161	55.632	ug/l	97
65) Chlorobenzene	11.438	112	249621	48.758	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	90527	49.837	ug/l	99
67) Ethyl Benzene	11.517	91	436863	49.762	ug/l	99
68) m/p-Xylenes	11.627	106	341492	101.582	ug/l	98
69) o-Xylene	11.956	106	158008	50.918	ug/l	99
70) Styrene	11.969	104	264416	51.105	ug/l	99
71) Bromoform	12.133	173	50185	48.435	ug/l	100
73) Isopropylbenzene	12.255	105	427817	49.145	ug/l	100
74) N-amyl acetate	12.072	43	78242	38.297	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.505	83	65184	41.648	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	90751	78.112	ug/l #	100
77) Bromobenzene	12.529	156	99369	47.542	ug/l	96
78) n-propylbenzene	12.597	91	514790	49.188	ug/l	100
79) 2-Chlorotoluene	12.676	91	289487	47.623	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	347678	48.867	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	19792	39.253	ug/l	98
82) 4-Chlorotoluene	12.779	91	295023	46.553	ug/l	98
83) tert-Butylbenzene	12.999	119	320767	50.618	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	344493	48.990	ug/l	99
85) sec-Butylbenzene	13.176	105	472871	51.060	ug/l	100
86) p-Isopropyltoluene	13.292	119	391754	51.181	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	192919	46.848	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	189818	46.655	ug/l	99
89) n-Butylbenzene	13.615	91	344369	48.648	ug/l	100
90) Hexachloroethane	13.877	117	82803	49.366	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	170501	47.564	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10382	42.799	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	91478	47.057	ug/l	99
94) Hexachlorobutadiene	15.023	225	65199	53.703	ug/l	98
95) Naphthalene	15.145	128	149216	46.309	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	78906	47.599	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

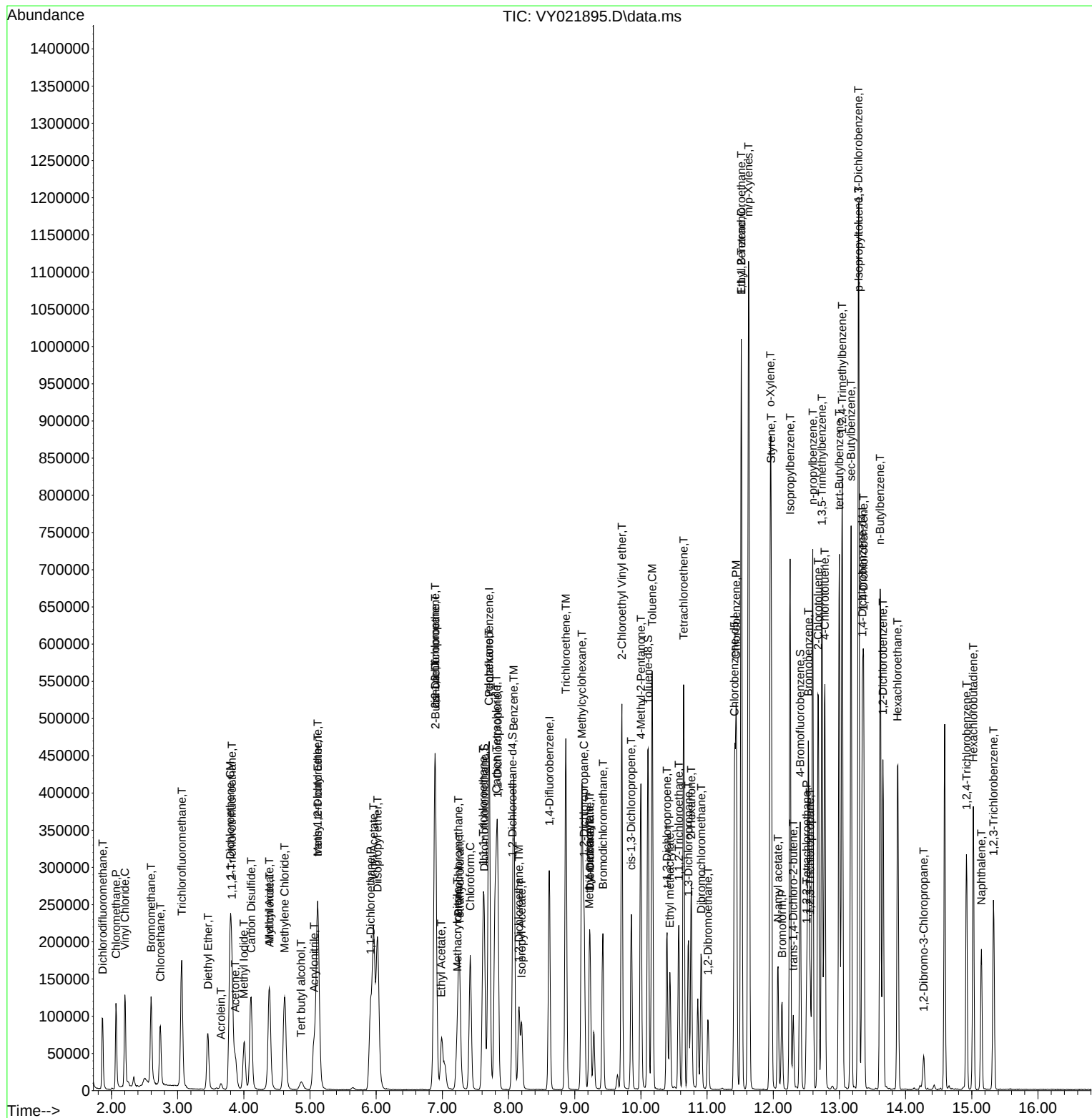
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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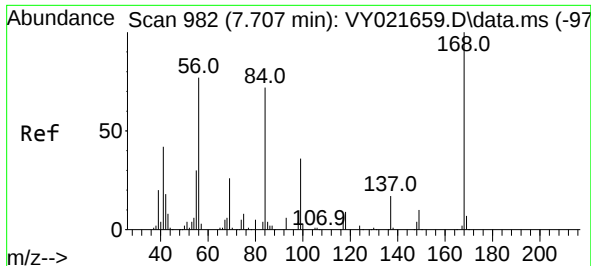
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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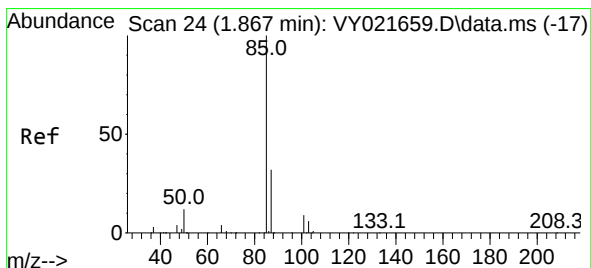
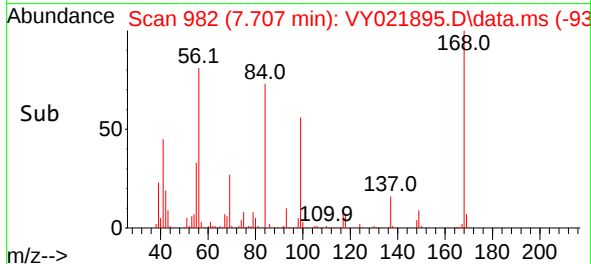
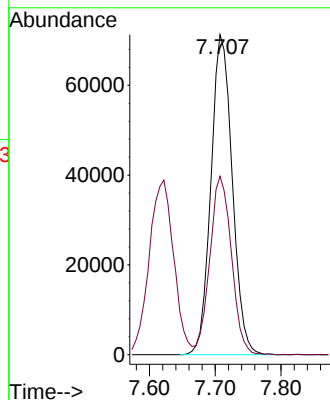
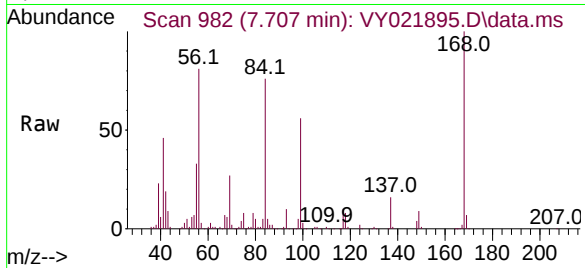




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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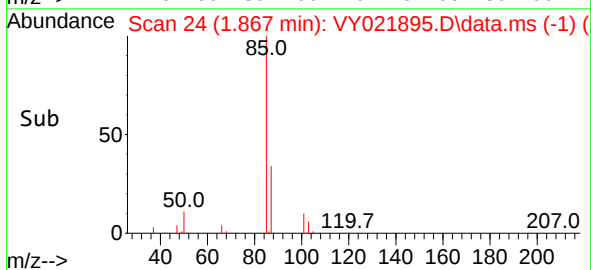
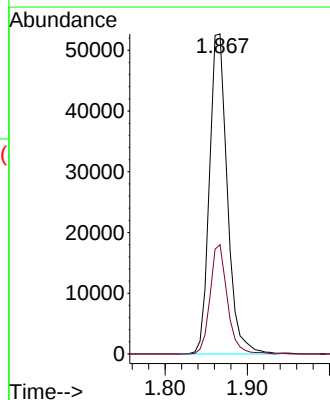
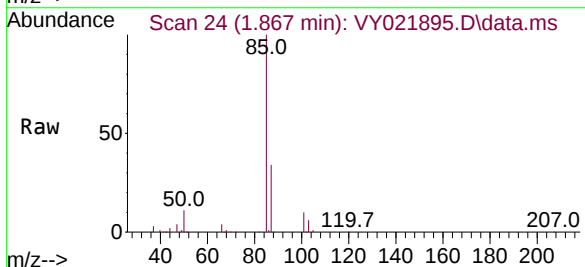
Instrument :
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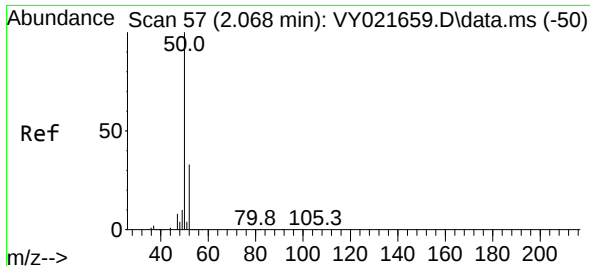
Tgt Ion:168 Resp: 160960
Ion Ratio Lower Upper
168 100
99 55.8 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 47.751 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 85 Resp: 79663
Ion Ratio Lower Upper
85 100
87 34.2 16.2 48.6

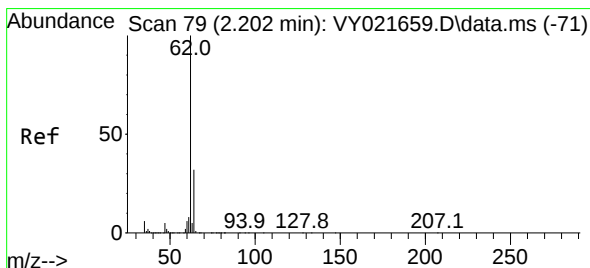
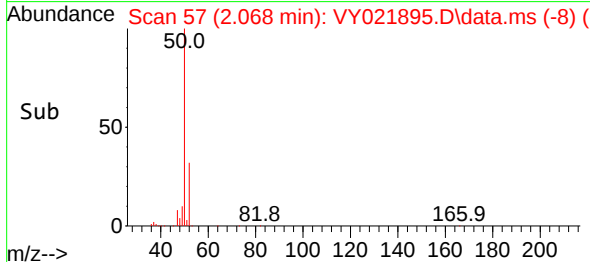
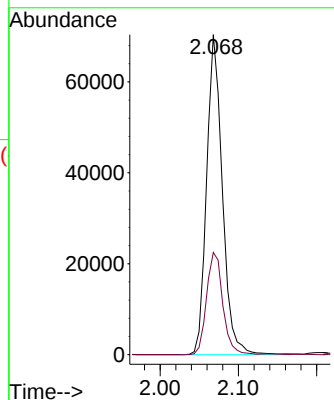
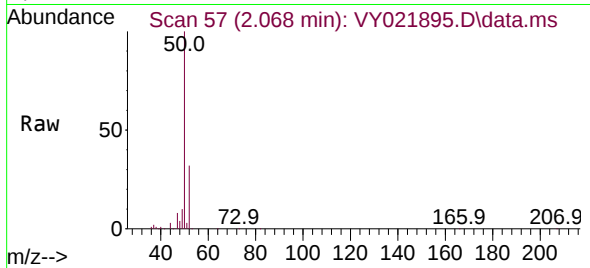




#3
Chloromethane
Concen: 41.716 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

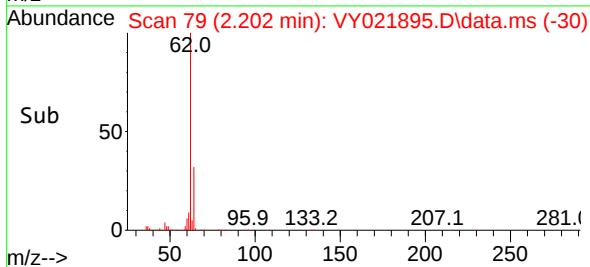
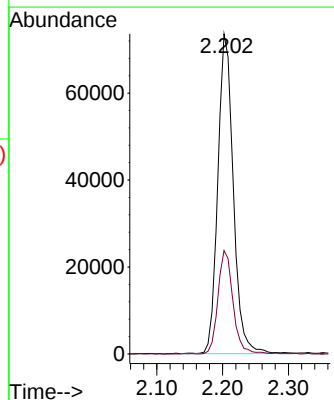
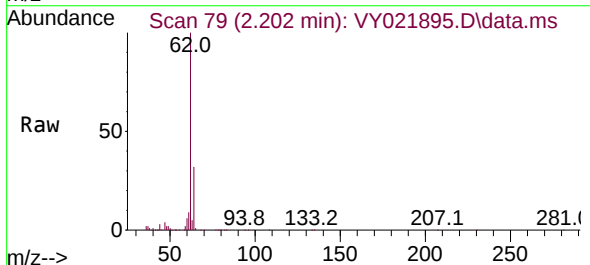
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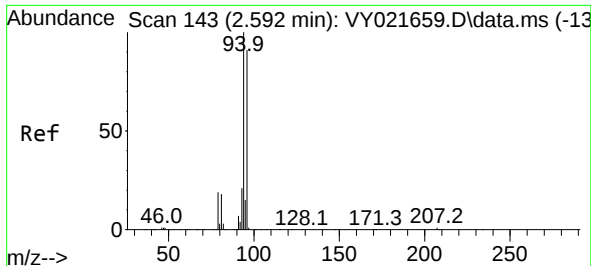
Tgt Ion: 50 Resp: 97861
Ion Ratio Lower Upper
50 100
52 32.0 26.3 39.5



#4
Vinyl Chloride
Concen: 45.349 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 62 Resp: 120311
Ion Ratio Lower Upper
62 100
64 32.3 25.5 38.3

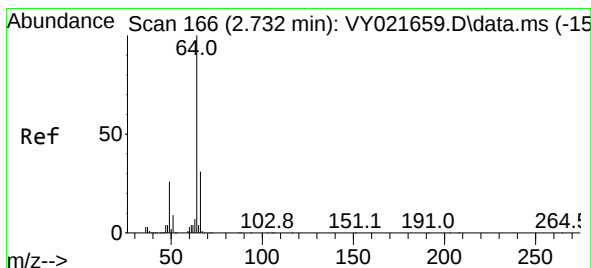
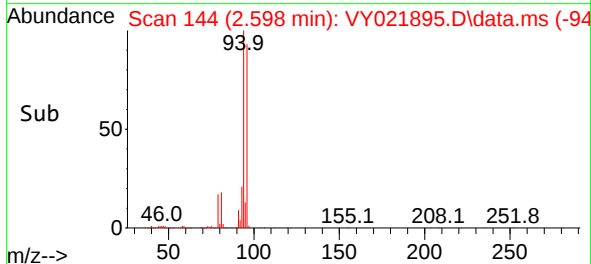
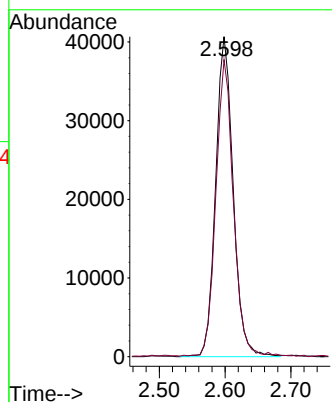
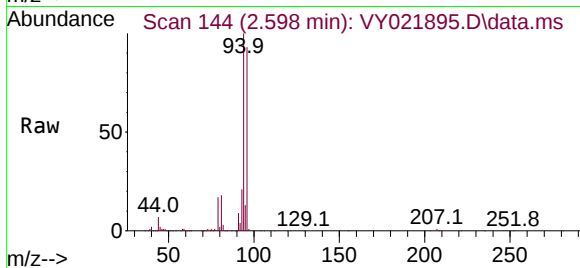




#5
Bromomethane
Concen: 41.709 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021895.D
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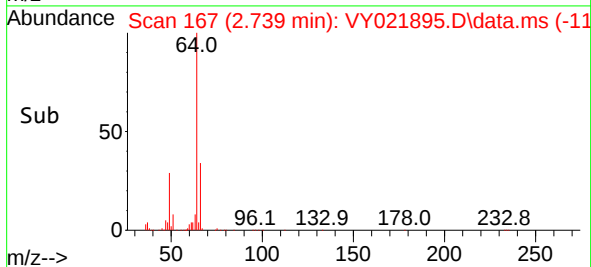
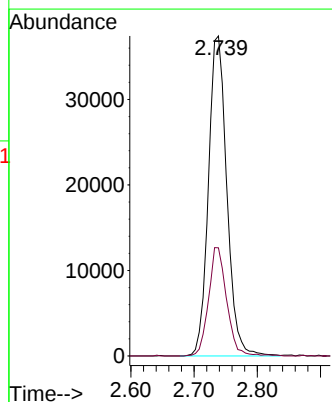
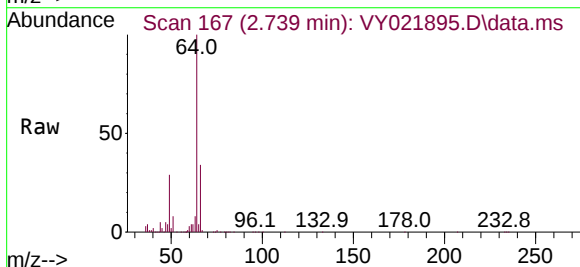
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Tgt Ion: 94 Resp: 75470
Ion Ratio Lower Upper
94 100
96 92.6 72.8 109.2



#6
Chloroethane
Concen: 43.630 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.006 min
Lab File: VY021895.D
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Tgt Ion: 64 Resp: 75741
Ion Ratio Lower Upper
64 100
66 33.8 24.9 37.3

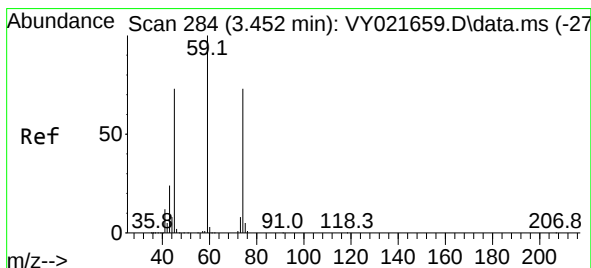
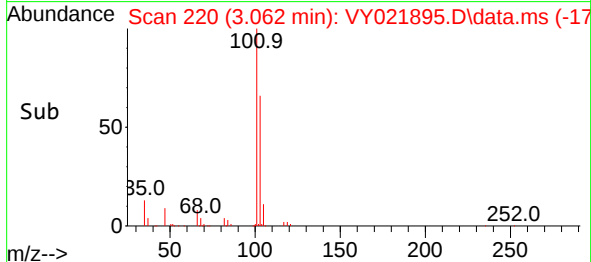
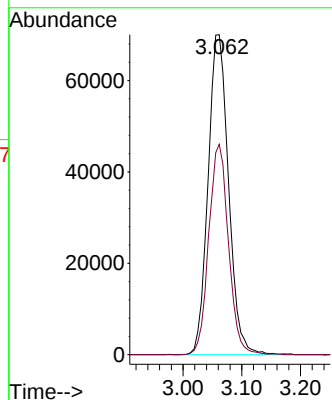
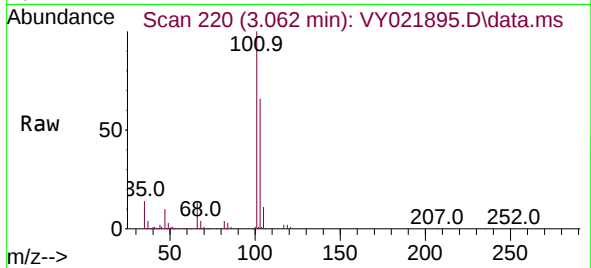




#7
 Trichlorofluoromethane
 Concen: 49.923 ug/l
 RT: 3.062 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY021895.D
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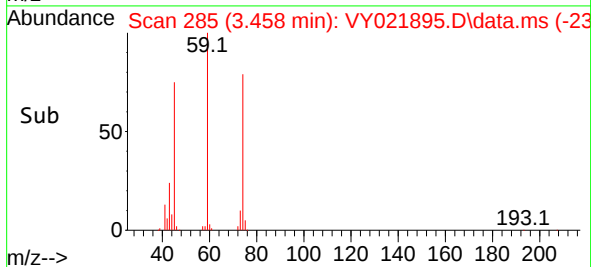
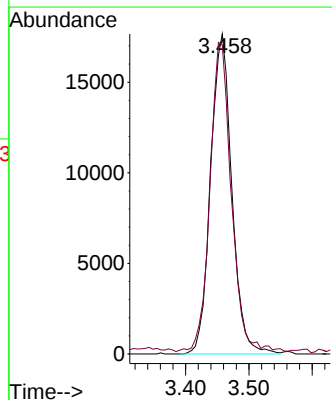
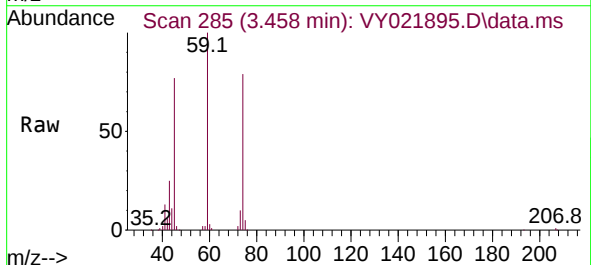
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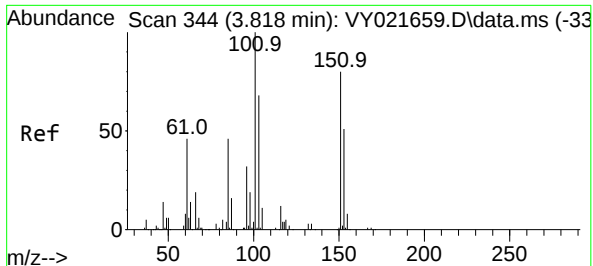
Tgt Ion:101 Resp: 169663
 Ion Ratio Lower Upper
 101 100
 103 65.7 53.1 79.7



#8
 Diethyl Ether
 Concen: 44.542 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 41166
 Ion Ratio Lower Upper
 74 100
 45 96.7 48.6 145.8

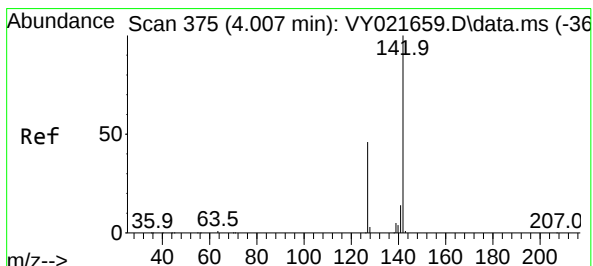
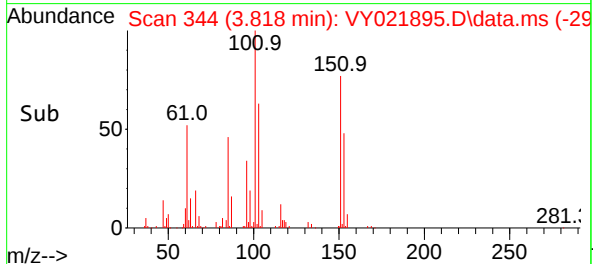
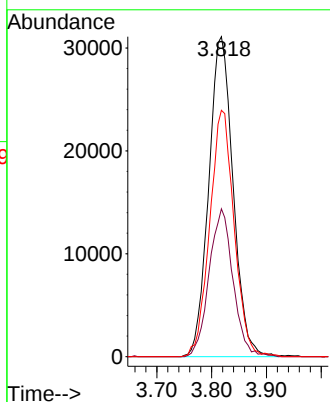
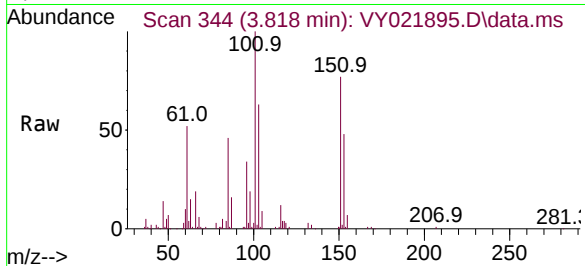




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.476 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

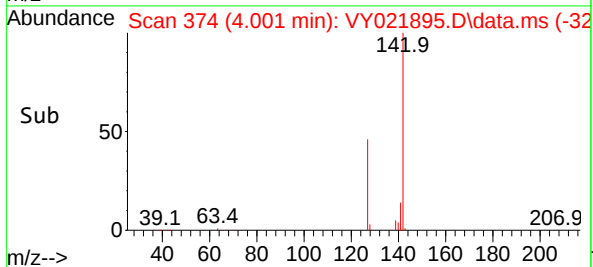
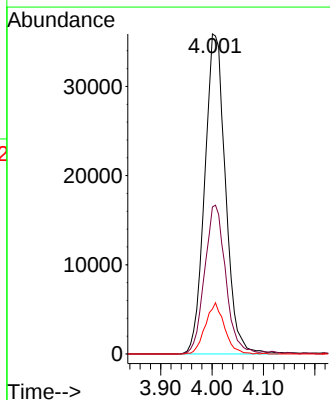
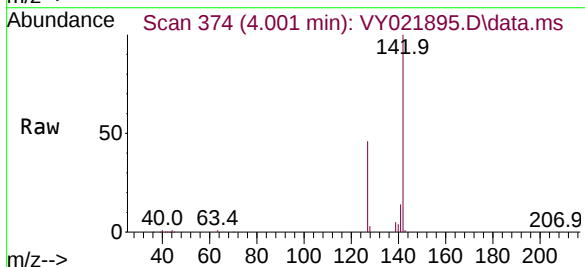
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

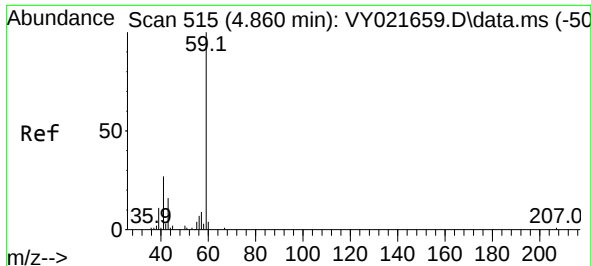
Tgt Ion:101 Resp: 95852
Ion Ratio Lower Upper
101 100
85 45.4 36.3 54.5
151 77.4 61.3 91.9



#10
Methyl Iodide
Concen: 51.326 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion:142 Resp: 100928
Ion Ratio Lower Upper
142 100
127 47.2 38.7 58.1
141 14.7 11.5 17.3

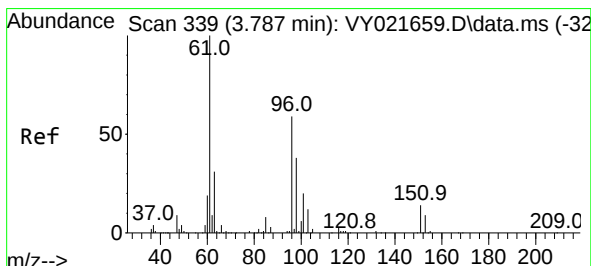
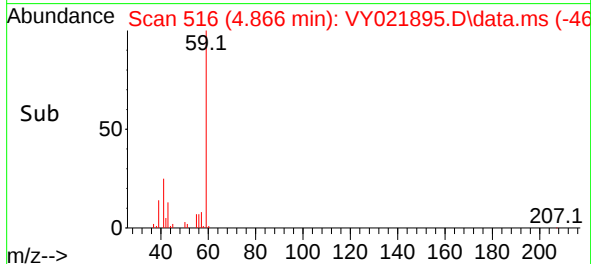
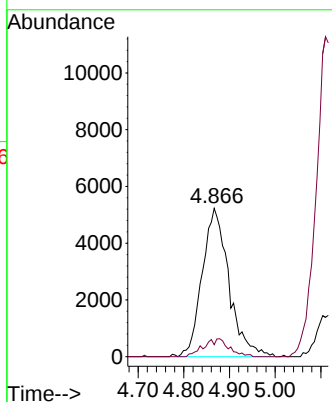
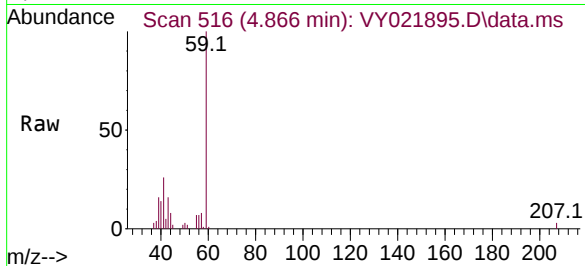




#11
Tert butyl alcohol
Concen: 187.527 ug/l
RT: 4.866 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

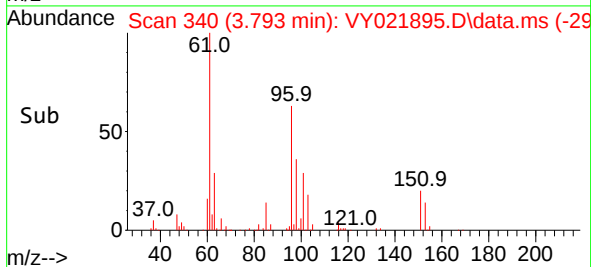
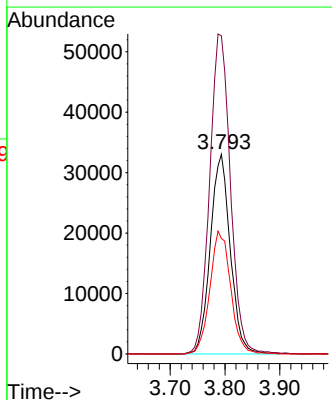
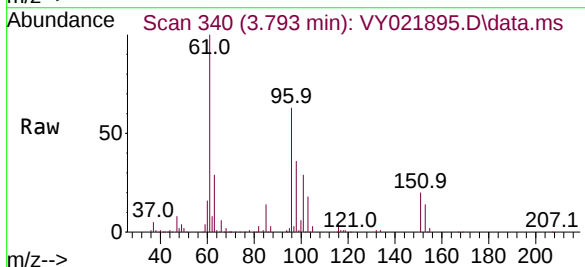
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

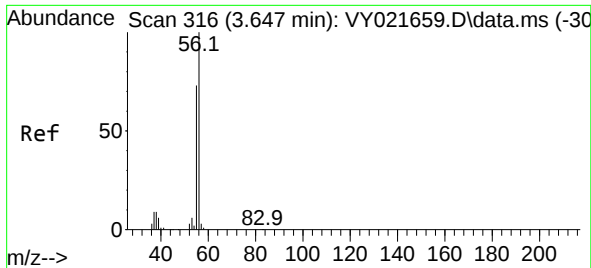
Tgt Ion: 59 Resp: 21242
Ion Ratio Lower Upper
59 100
57 5.4 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 49.593 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 96 Resp: 83728
Ion Ratio Lower Upper
96 100
61 159.3 136.6 204.8
98 57.9 52.3 78.5

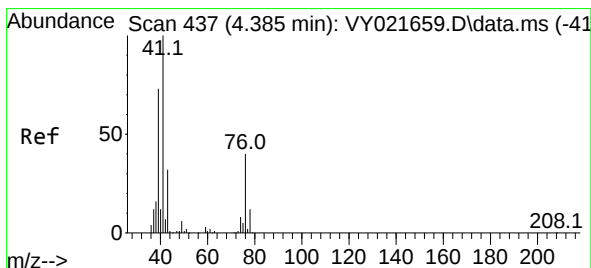
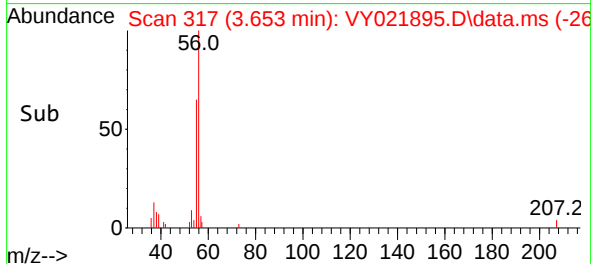
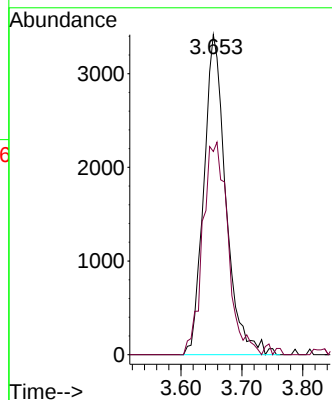
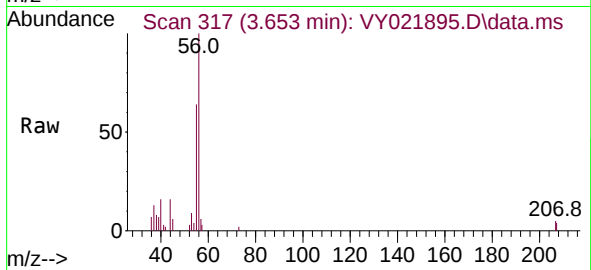




#13
Acrolein
Concen: 41.565 ug/l
RT: 3.653 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

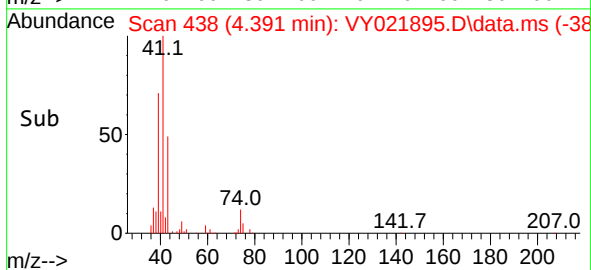
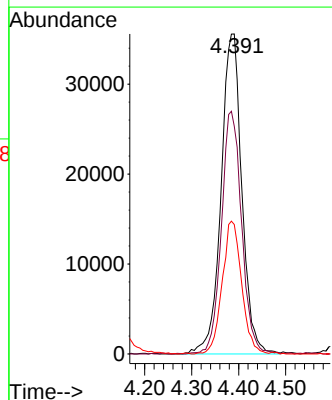
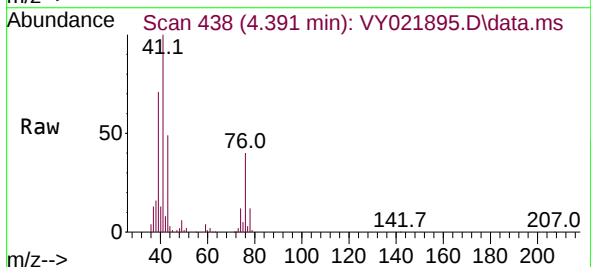
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

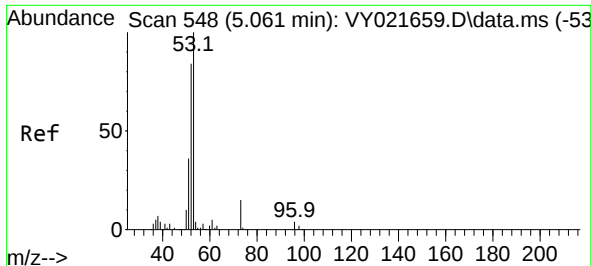
Tgt Ion: 56 Resp: 8597
Ion Ratio Lower Upper
56 100
55 75.8 56.6 85.0



#14
Allyl chloride
Concen: 40.670 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 41 Resp: 109479
Ion Ratio Lower Upper
41 100
39 73.8 58.6 88.0
76 38.9 30.3 45.5

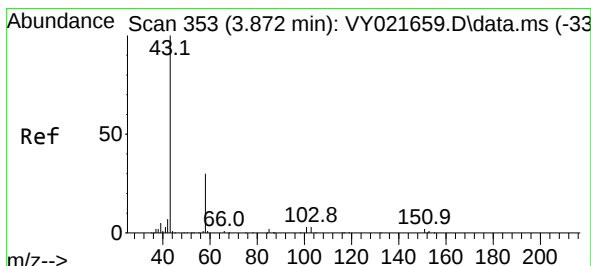
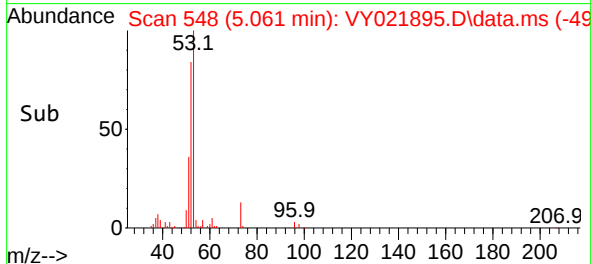
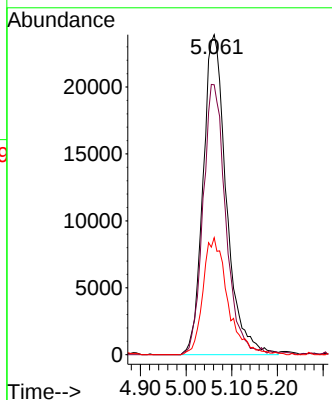
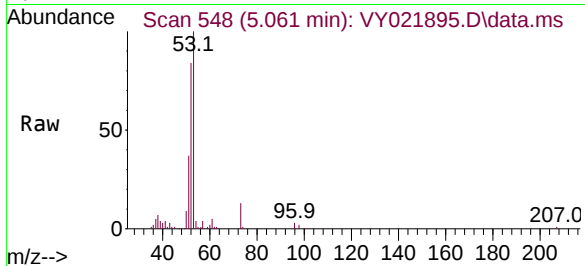




#15
Acrylonitrile
Concen: 219.529 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

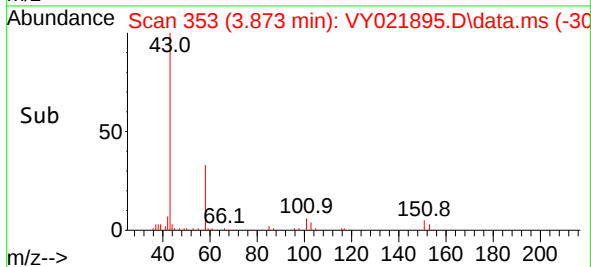
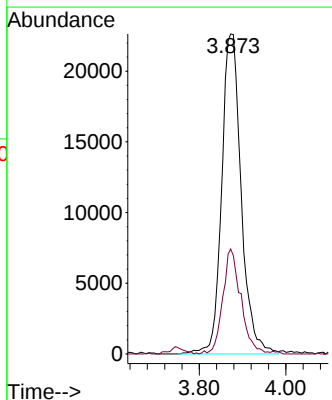
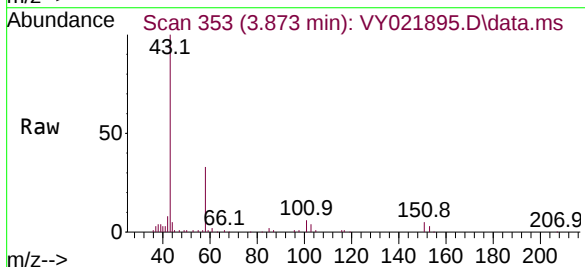
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

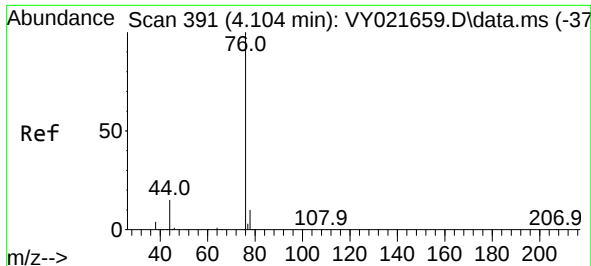
Tgt Ion:	53	Resp:	84714
Ion	Ratio	Lower	Upper
53	100		
52	82.2	64.9	97.3
51	38.7	30.2	45.2



#16
Acetone
Concen: 199.076 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion:	43	Resp:	71054
Ion	Ratio	Lower	Upper
43	100		
58	32.1	24.2	36.4

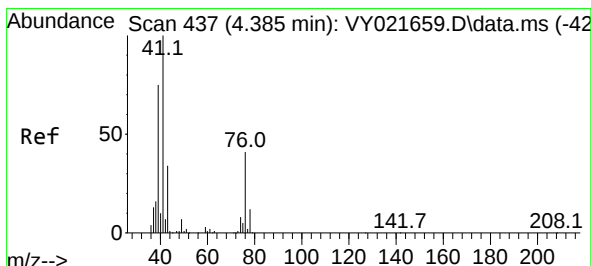
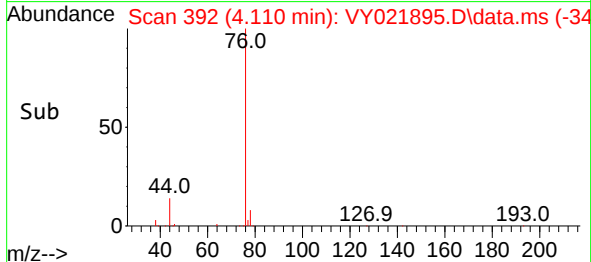
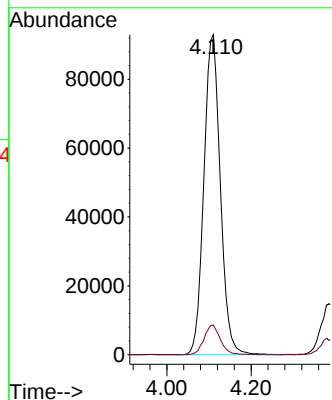
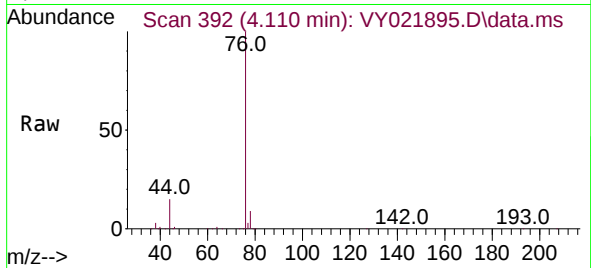




#17
Carbon Disulfide
Concen: 45.339 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

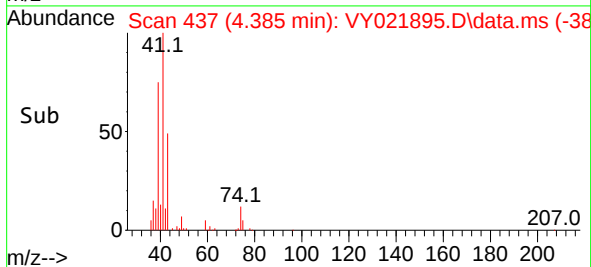
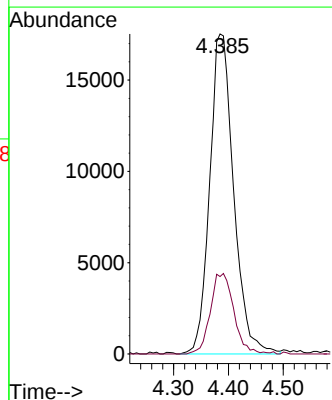
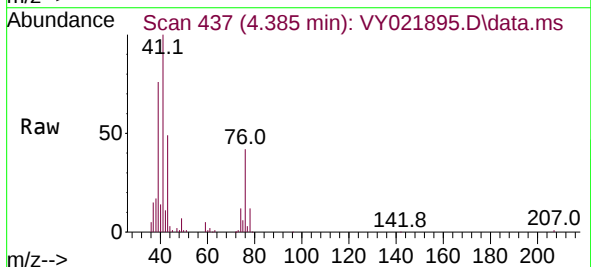
Instrument : MSVOA_Y
ClientSampleId : S-872-G1-SO-20.0-20.5-041025MS

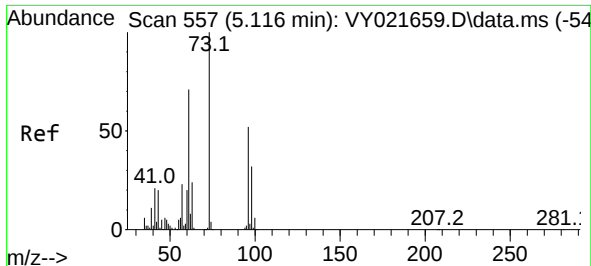
Tgt Ion: 76 Resp: 252120
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 60.212 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 43 Resp: 53263
Ion Ratio Lower Upper
43 100
74 24.7 19.1 28.7

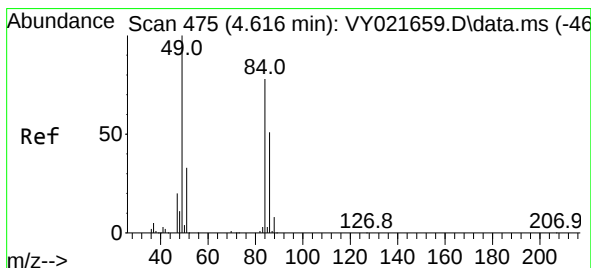
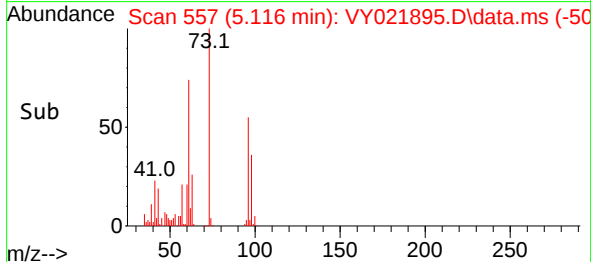
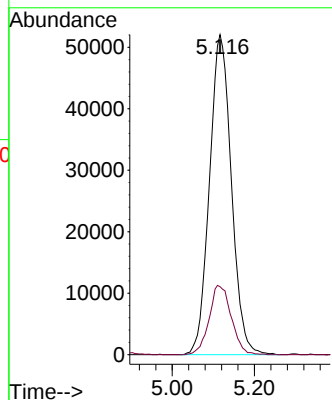
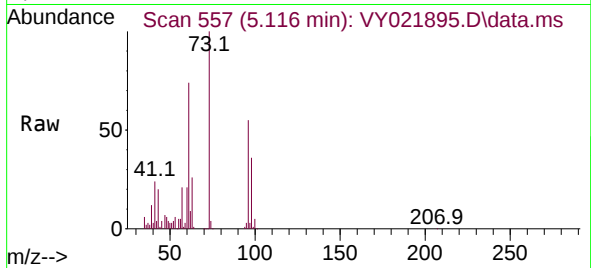




#19
Methyl tert-butyl Ether
Concen: 45.786 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

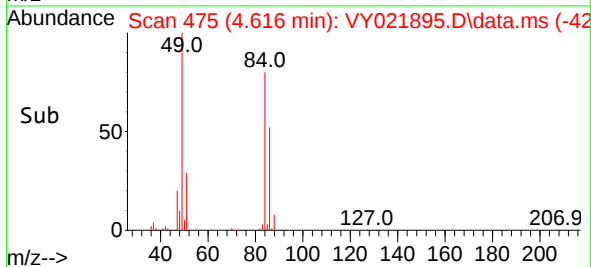
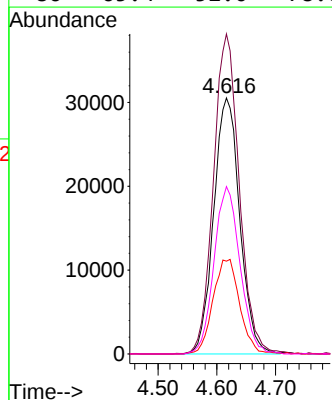
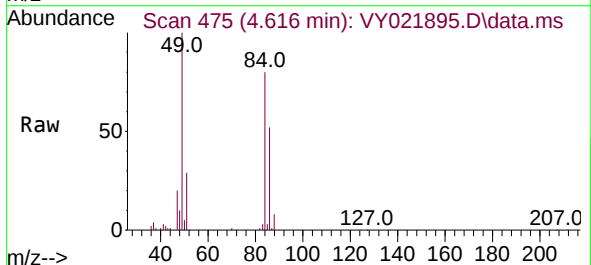
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

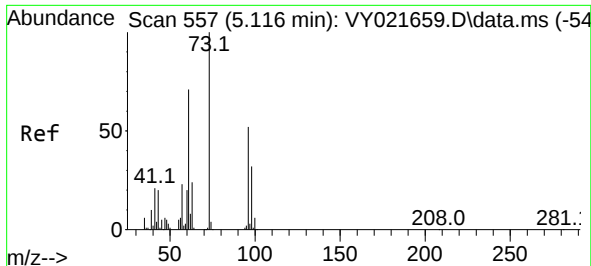
Tgt Ion: 73 Resp: 192454
Ion Ratio Lower Upper
73 100
57 21.2 18.1 27.1



#20
Methylene Chloride
Concen: 54.368 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 84 Resp: 94364
Ion Ratio Lower Upper
84 100
49 124.8 102.8 154.2
51 36.2 33.5 50.3
86 65.4 52.0 78.0

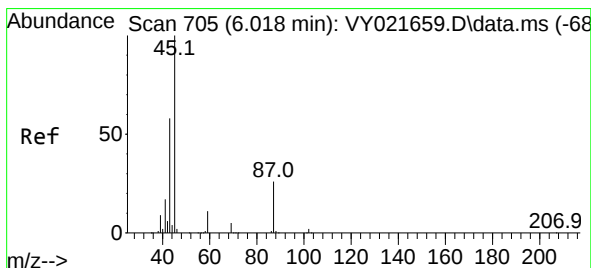
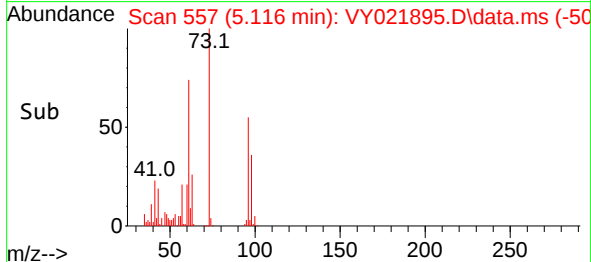
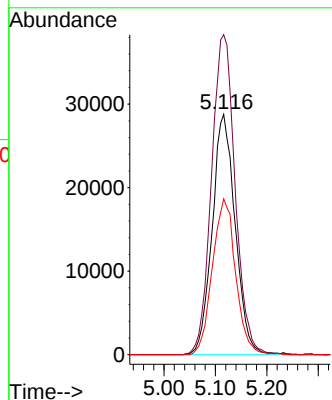
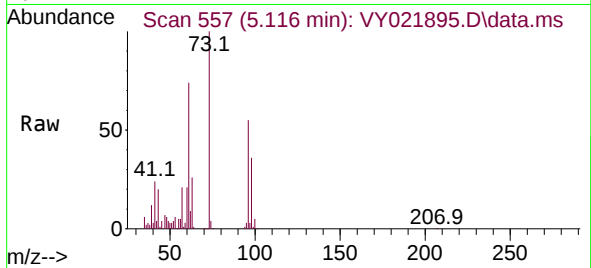




#21
trans-1,2-Dichloroethene
Concen: 48.082 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

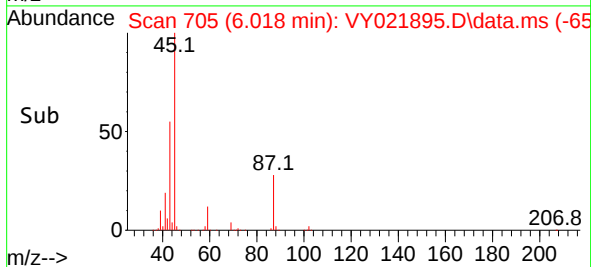
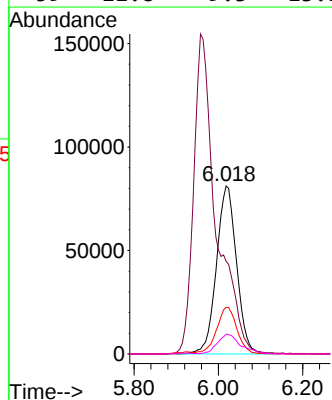
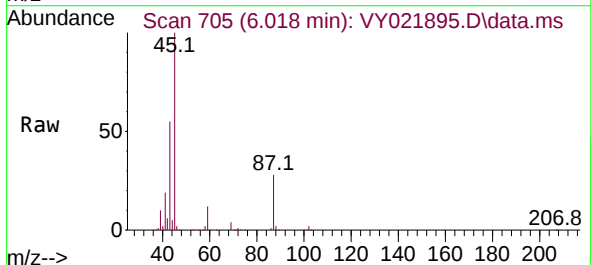
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

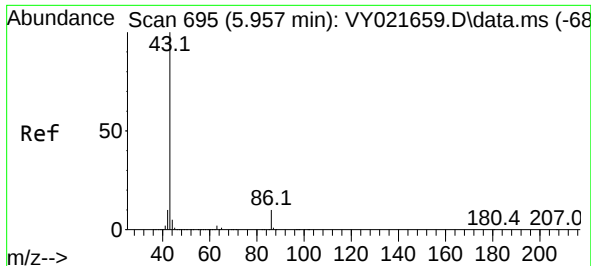
Tgt Ion: 96 Resp: 89380
Ion Ratio Lower Upper
96 100
61 133.1 109.4 164.0
98 64.8 50.2 75.2



#22
Diisopropyl ether
Concen: 47.546 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 45 Resp: 268487
Ion Ratio Lower Upper
45 100
43 54.7 46.6 69.8
87 27.8 20.7 31.1
59 11.8 9.3 13.9

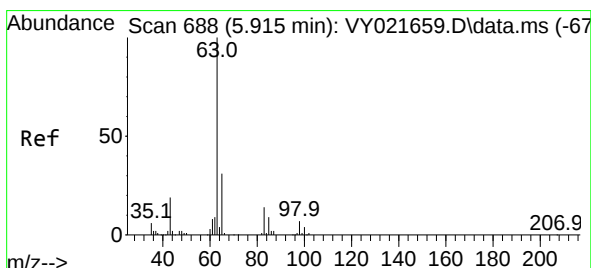
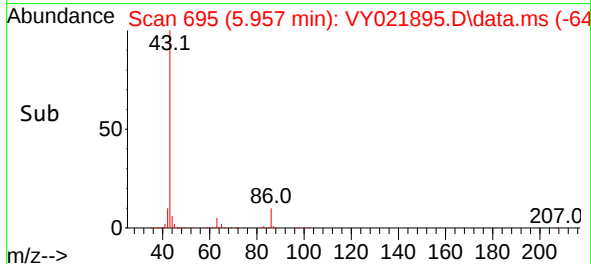
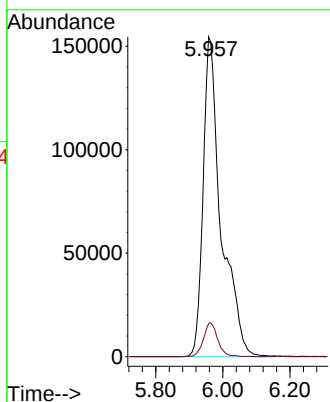
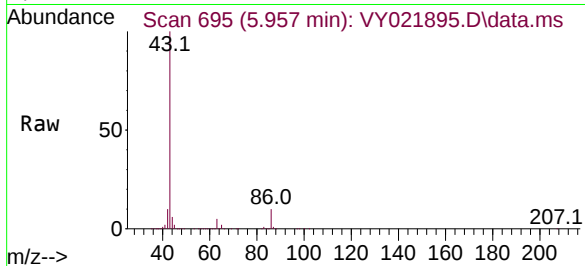




#23
 Vinyl Acetate
 Concen: 173.885 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021895.D
 Acq: 15 Apr 2025 14:49

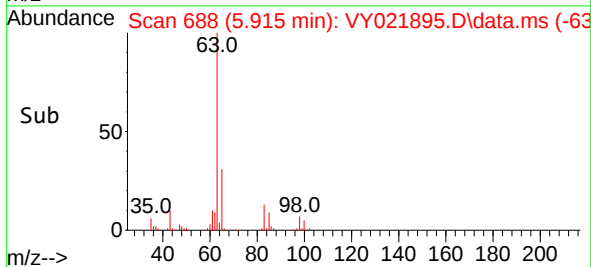
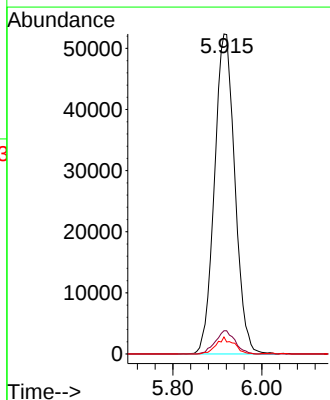
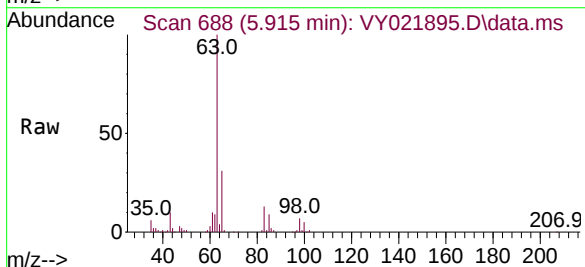
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-872-G1-SO-20.0-20.5-041025MS

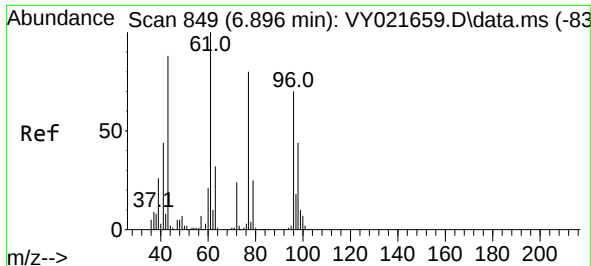
Tgt Ion: 43 Resp: 574416
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 49.258 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021895.D
 Acq: 15 Apr 2025 14:49

Tgt Ion: 63 Resp: 166322
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 5.3 2.2 6.6

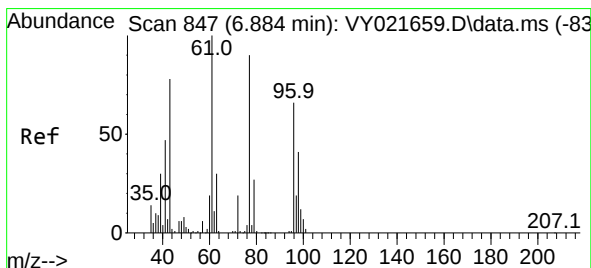
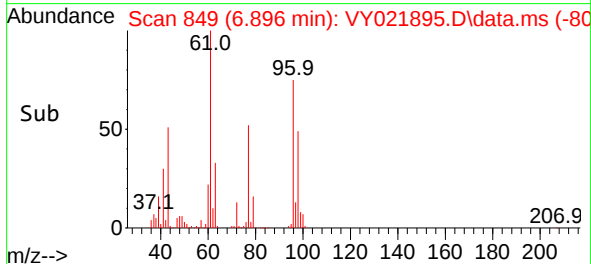
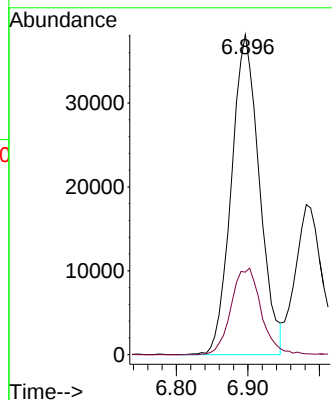
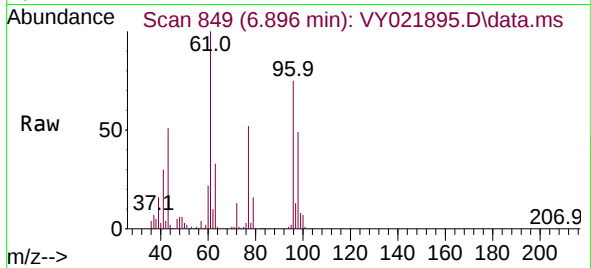




#25
2-Butanone
Concen: 203.656 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

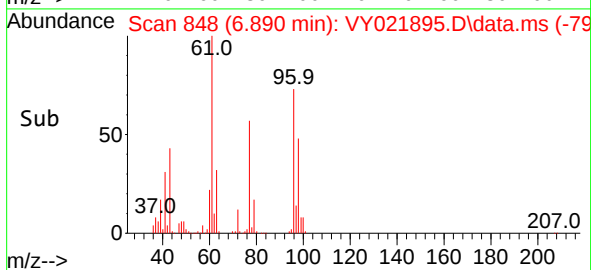
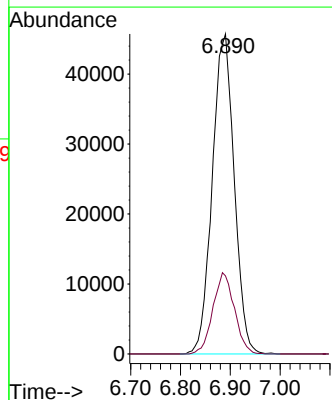
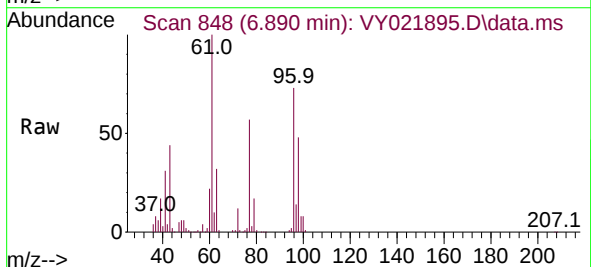
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

Tgt Ion: 43 Resp: 103822
Ion Ratio Lower Upper
43 100
72 25.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 46.493 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 77 Resp: 139644
Ion Ratio Lower Upper
77 100
97 24.9 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 77.915 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY021895.D

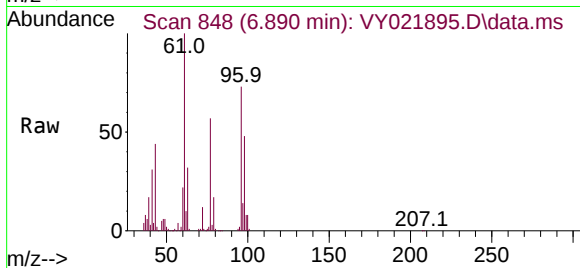
Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

S-872-G1-SO-20.0-20.5-041025MS



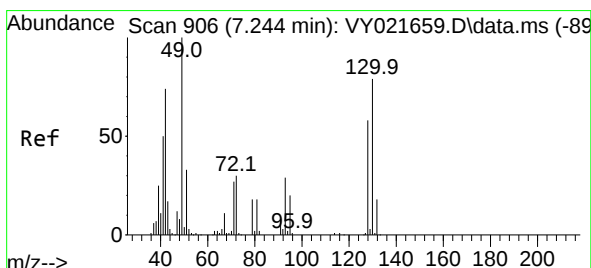
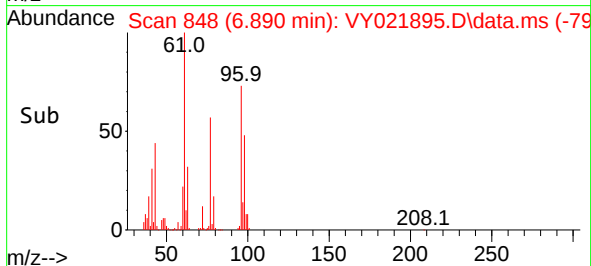
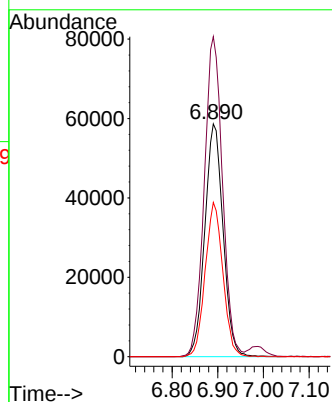
Tgt Ion: 96 Resp: 162877

Ion Ratio Lower Upper

96 100

61 137.2 0.0 296.4

98 64.2 0.0 128.0



#28

Bromochloromethane

Concen: 47.920 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

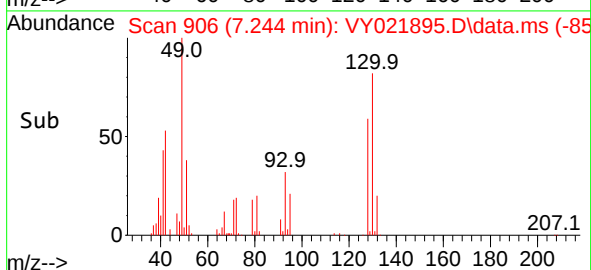
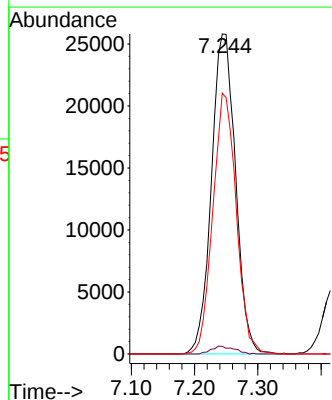
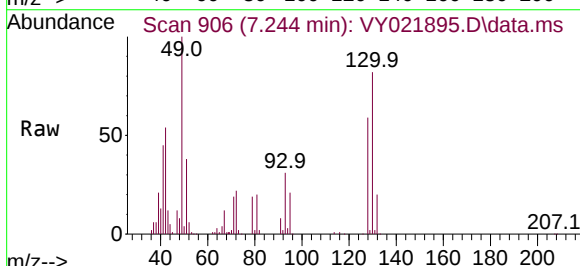
Tgt Ion: 49 Resp: 68238

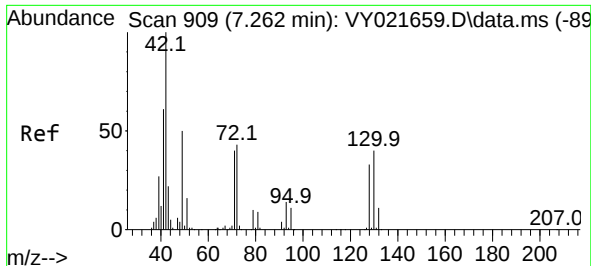
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 79.1 60.1 90.1





#29

Tetrahydrofuran

Concen: 208.223 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021895.D

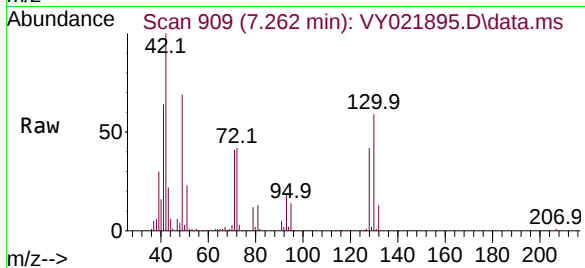
Acq: 15 Apr 2025 14:49

Instrument :

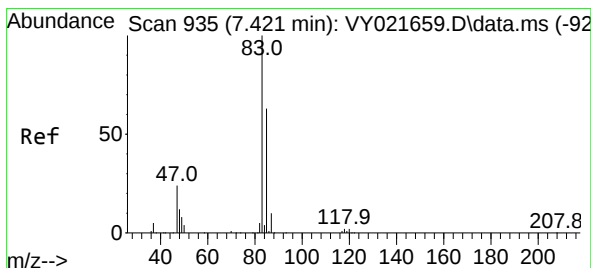
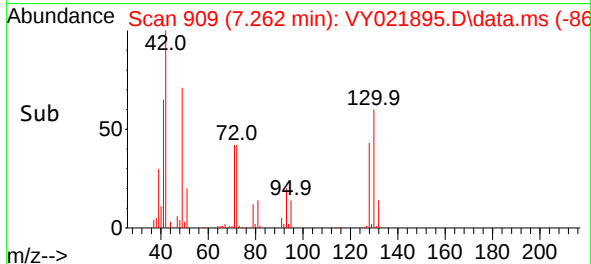
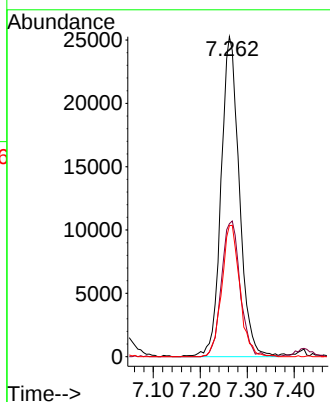
MSVOA_Y

ClientSampleId :

S-872-G1-SO-20.0-20.5-041025MS



Tgt Ion:	42	Resp:	68317
Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.6	52.0
71	40.7	32.5	48.7



#30

Chloroform

Concen: 48.747 ug/l

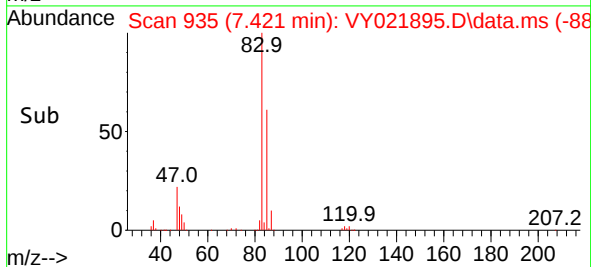
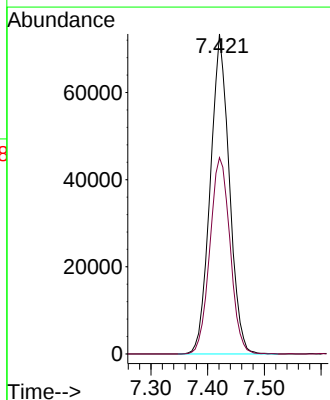
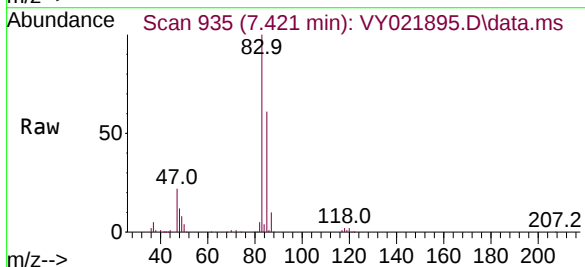
RT: 7.421 min Scan# 935

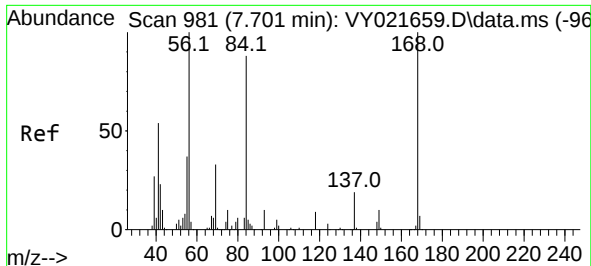
Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Tgt Ion:	83	Resp:	171198
Ion	Ratio	Lower	Upper
83	100		
85	61.4	50.6	75.8

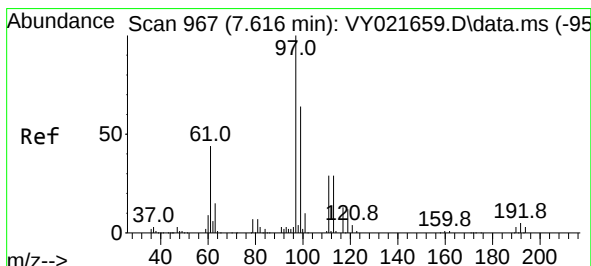
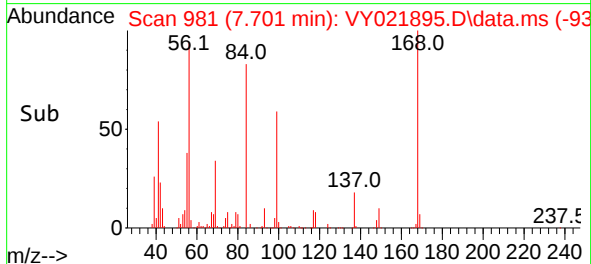
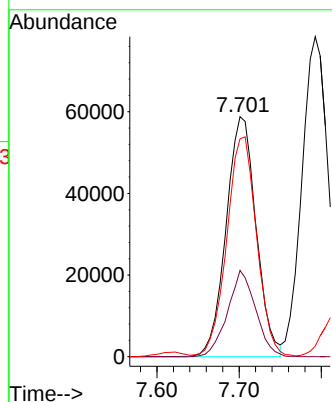
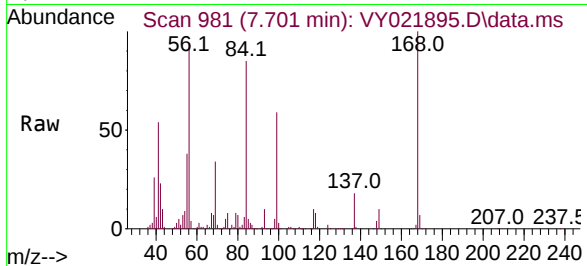




#31
Cyclohexane
Concen: 48.406 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

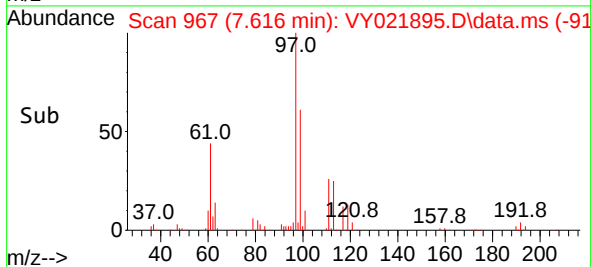
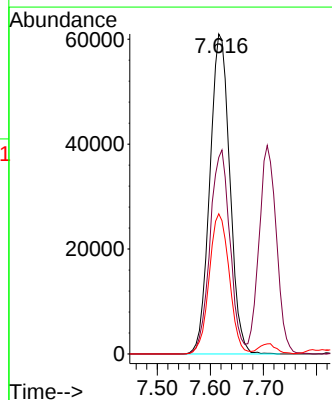
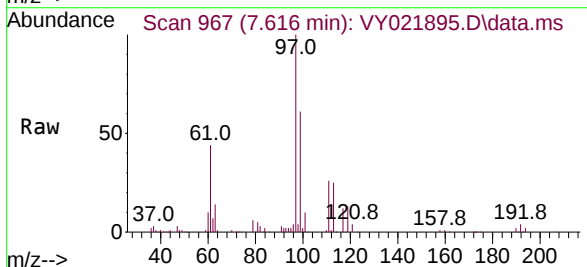
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

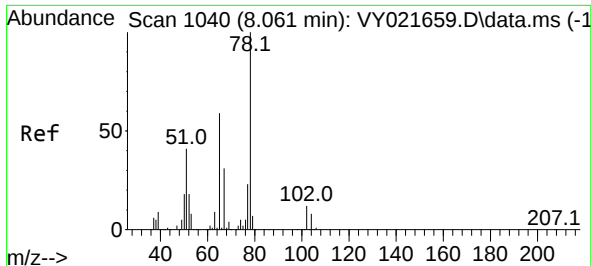
Tgt Ion:	56	Resp:	148991
Ion	Ratio	Lower	Upper
56	100		
69	36.0	26.6	40.0
84	89.3	69.0	103.4



#32
1,1,1-Trichloroethane
Concen: 50.224 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion:	97	Resp:	159419
Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.7	76.1
61	44.1	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 46.405 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

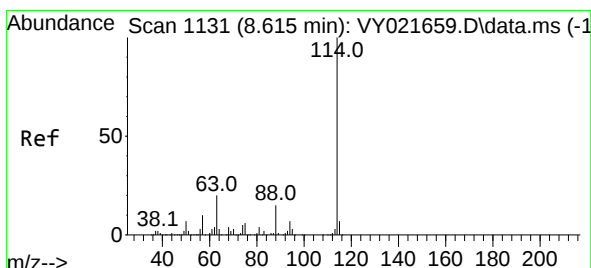
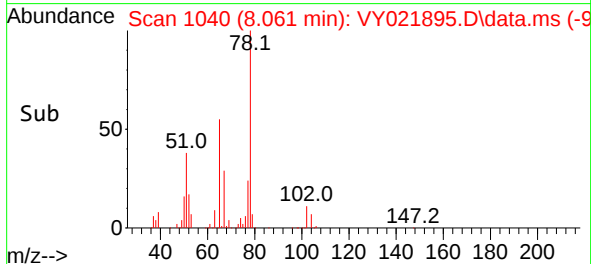
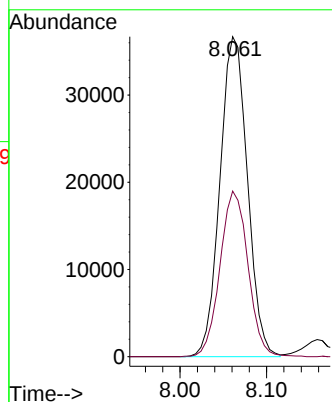
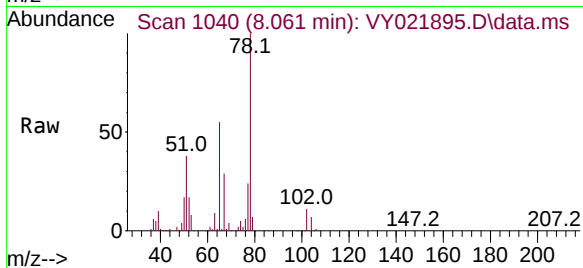
S-872-G1-SO-20.0-20.5-041025MS

Tgt Ion: 65 Resp: 80929

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

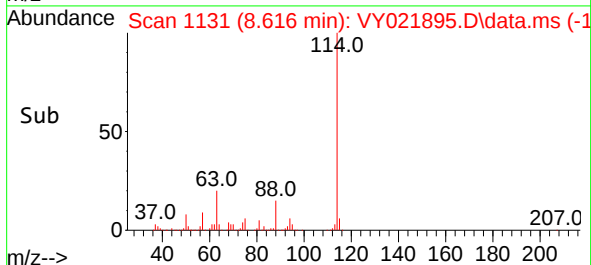
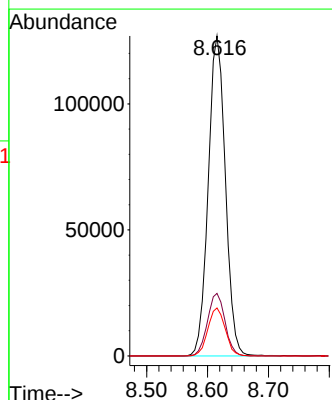
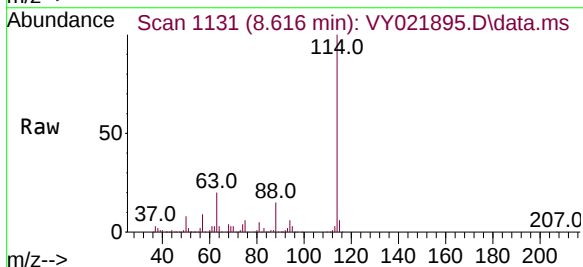
Tgt Ion: 114 Resp: 248136

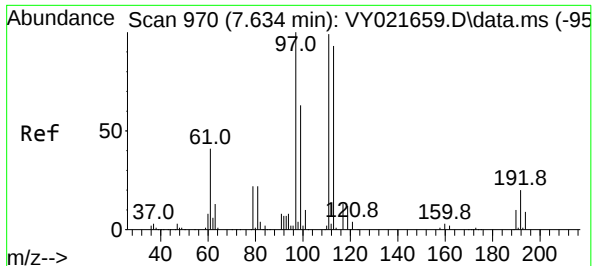
Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 15.0 0.0 29.8

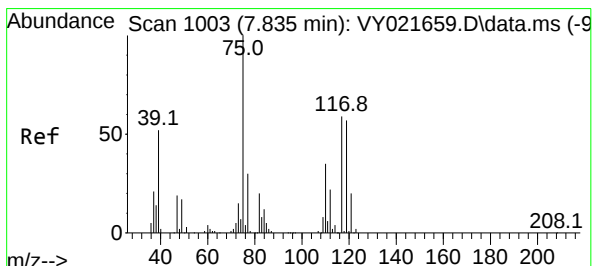
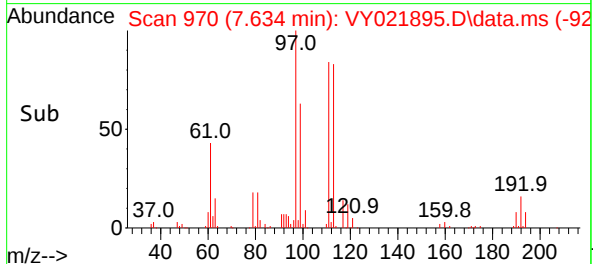
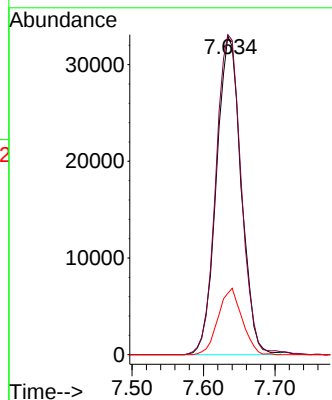
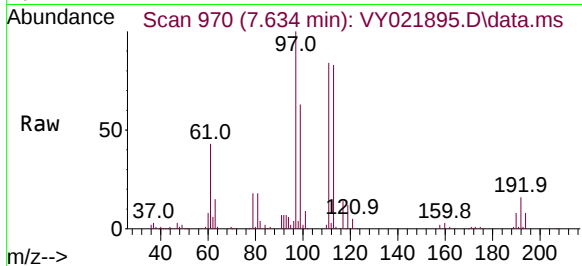




#35
Dibromofluoromethane
Concen: 49.196 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

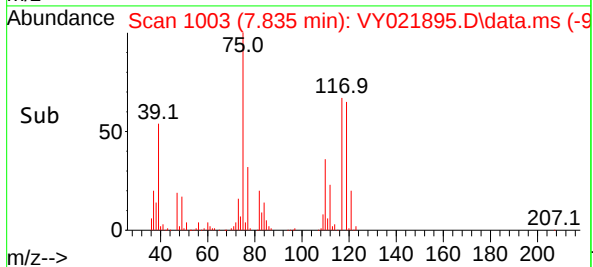
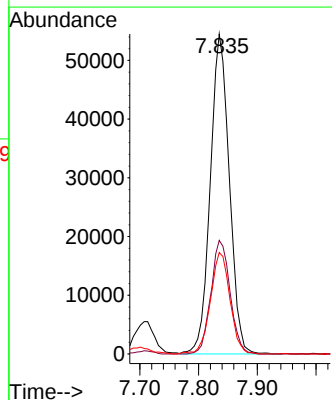
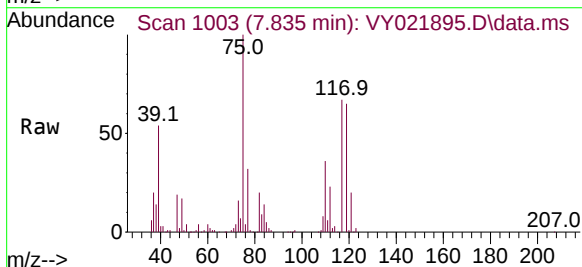
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

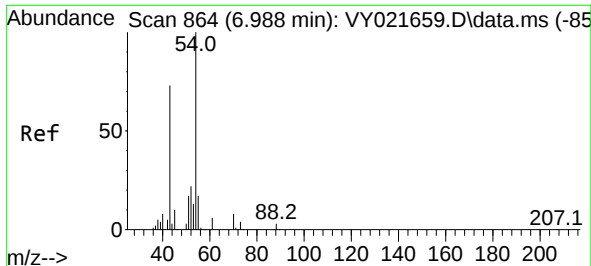
Tgt Ion:	113	Resp:	79187
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	123.8
192	20.1	16.2	24.4



#36
1,1-Dichloropropene
Concen: 50.013 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion:	75	Resp:	122616
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.0	50.9
77	32.5	24.8	37.2

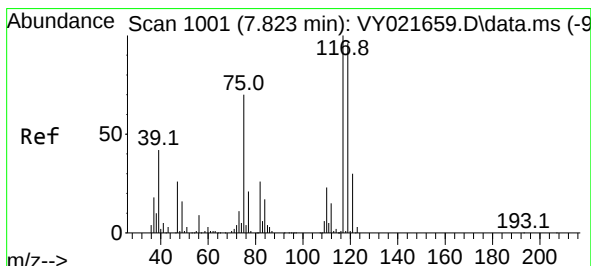
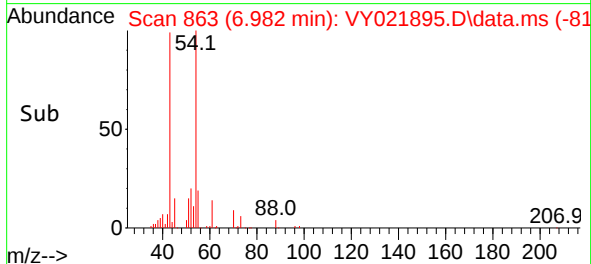
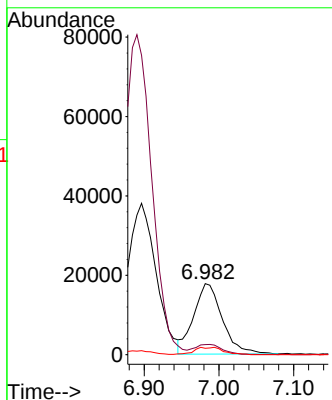
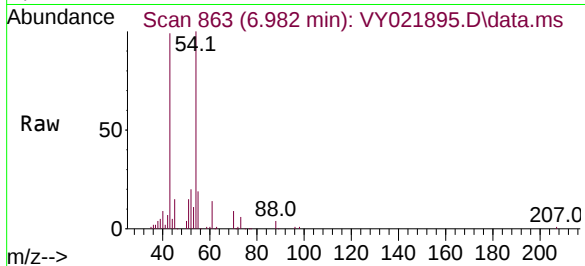




#37
Ethyl Acetate
Concen: 40.844 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

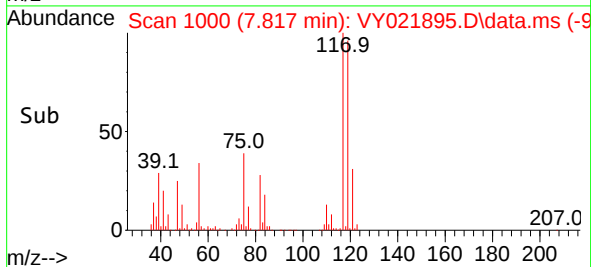
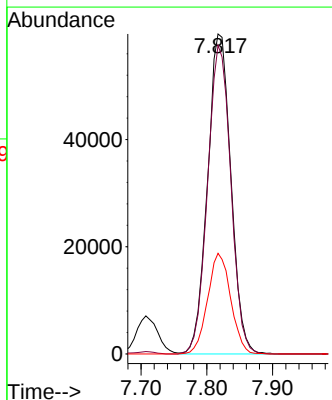
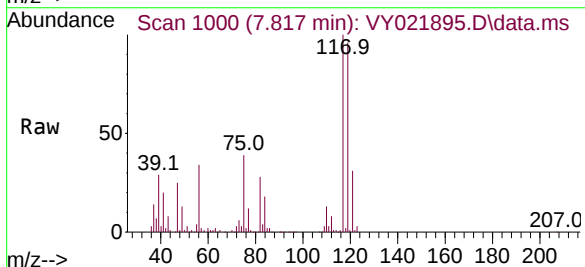
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

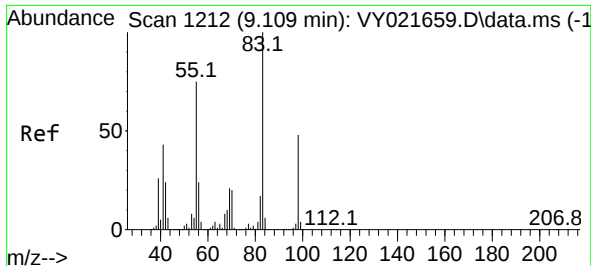
Tgt Ion: 43 Resp: 47259
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.6#
70 10.5 8.1 12.1



#38
Carbon Tetrachloride
Concen: 52.607 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 117 Resp: 147722
Ion Ratio Lower Upper
117 100
119 96.4 76.2 114.4
121 31.5 24.2 36.4





#39

Methylcyclohexane

Concen: 54.791 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

S-872-G1-SO-20.0-20.5-041025MS

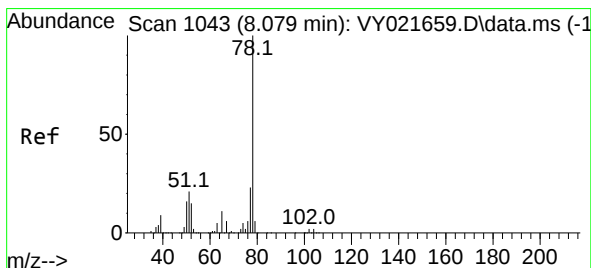
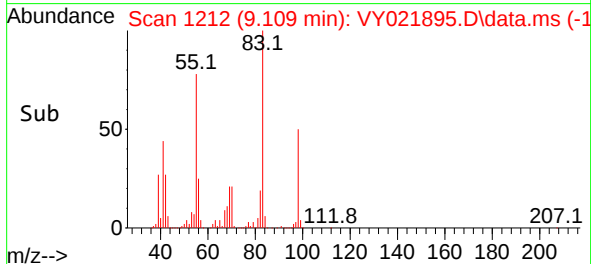
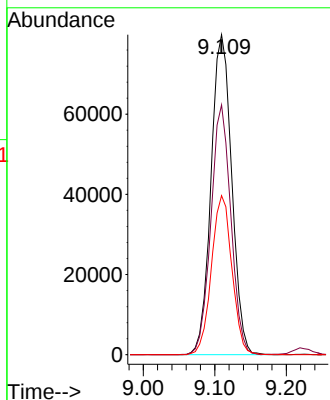
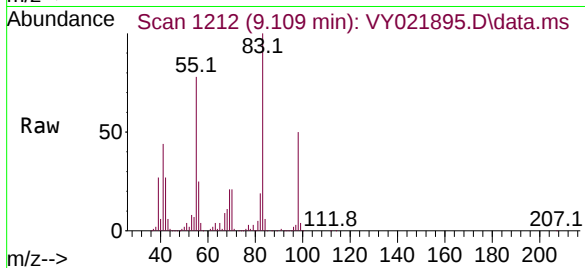
Tgt Ion: 83 Resp: 160474

Ion Ratio Lower Upper

83 100

55 78.0 59.7 89.5

98 49.7 38.3 57.5



#40

Benzene

Concen: 50.175 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021895.D

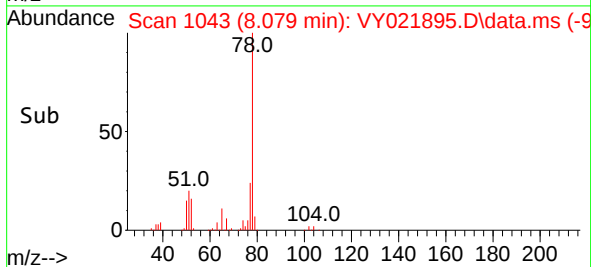
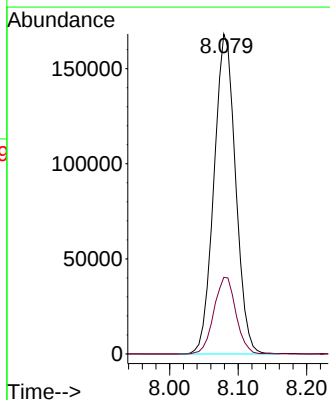
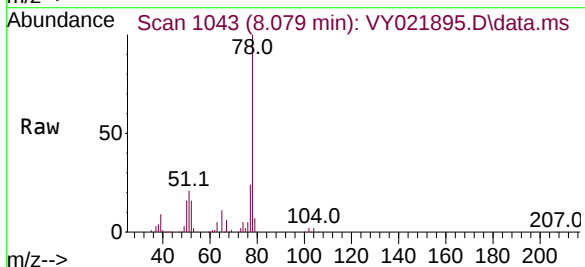
Acq: 15 Apr 2025 14:49

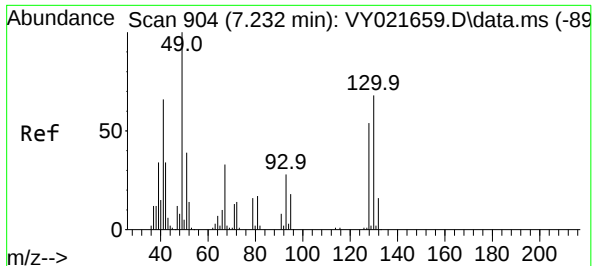
Tgt Ion: 78 Resp: 368400

Ion Ratio Lower Upper

78 100

77 23.9 18.8 28.2

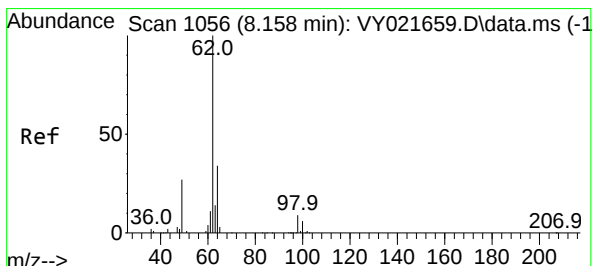
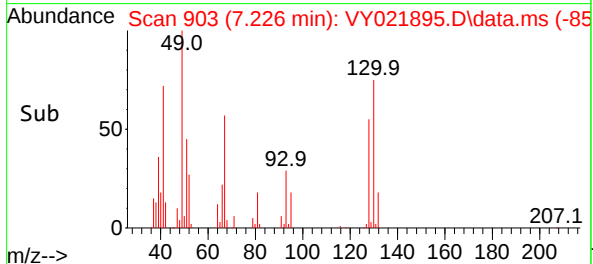
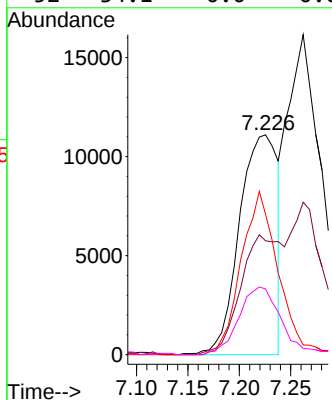
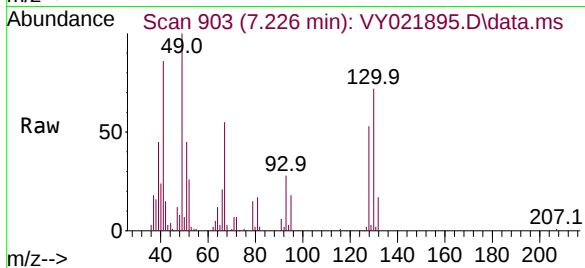




#41
Methacrylonitrile
Concen: 46.791 ug/l
RT: 7.226 min Scan# 904
Delta R.T. -0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

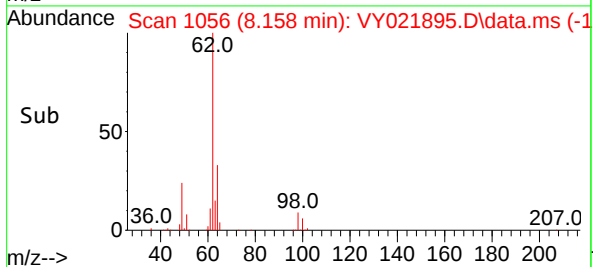
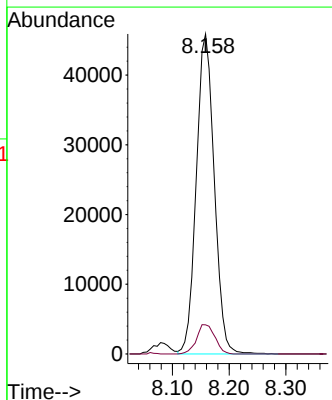
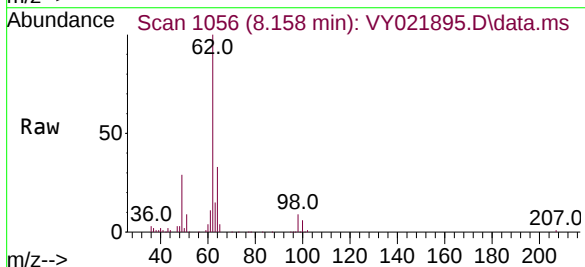
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

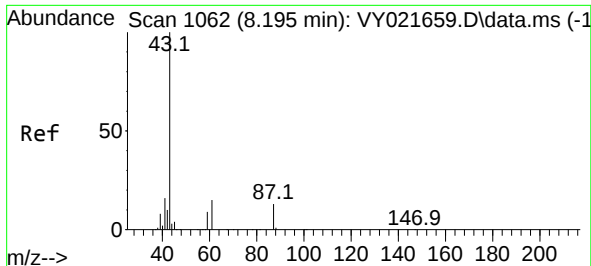
Tgt Ion:	41	Resp:	28752
Ion	Ratio	Lower	Upper
41	100		
39	59.9	0.0	0.0#
67	72.1	0.0	0.0#
52	34.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 48.729 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion:	62	Resp:	100863
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.4

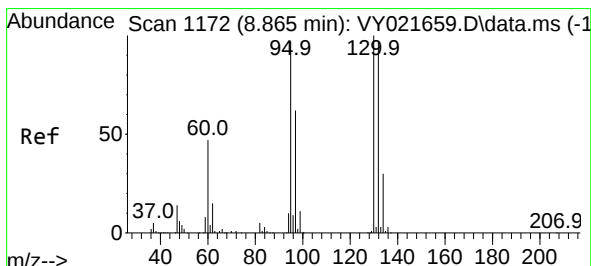
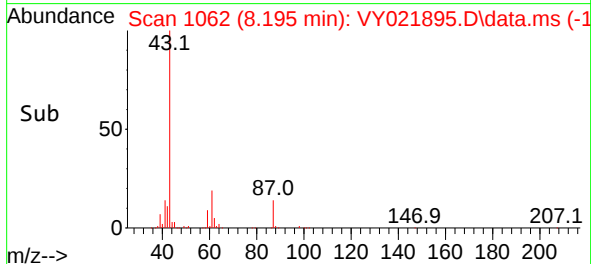
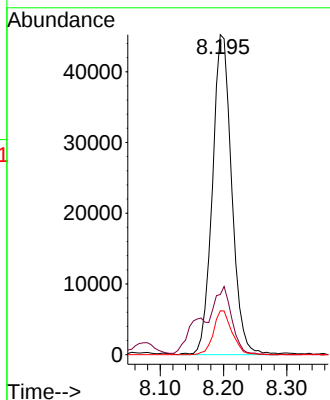
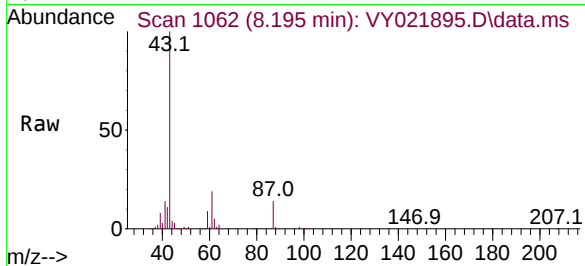




#43
Isopropyl Acetate
Concen: 43.672 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

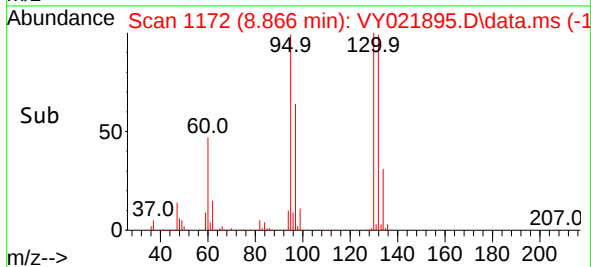
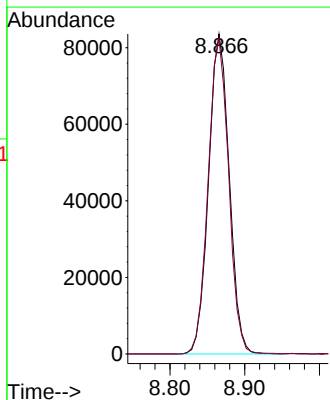
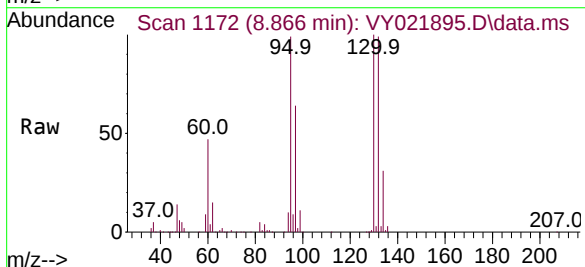
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

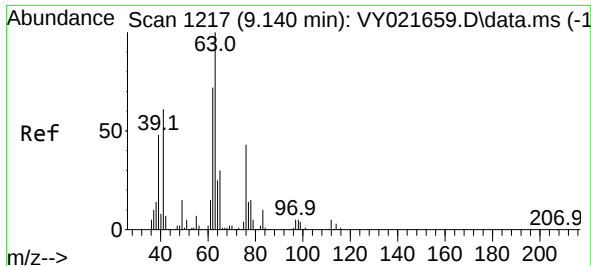
Tgt Ion:	43	Resp:	95761
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.9	23.9
87	13.2	10.4	15.6



#44
Trichloroethene
Concen: 85.774 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion:	130	Resp:	160460
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	194.8





#45

1,2-Dichloropropane

Concen: 49.805 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

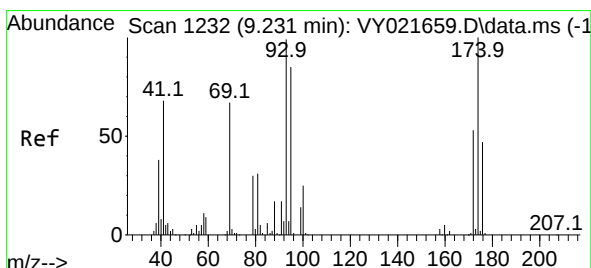
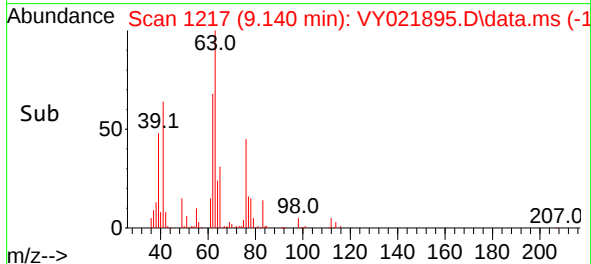
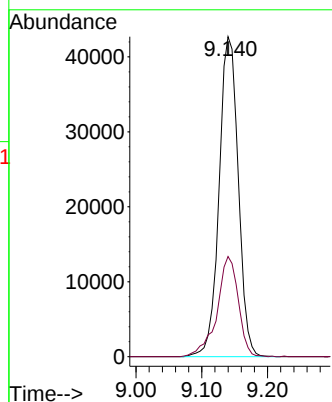
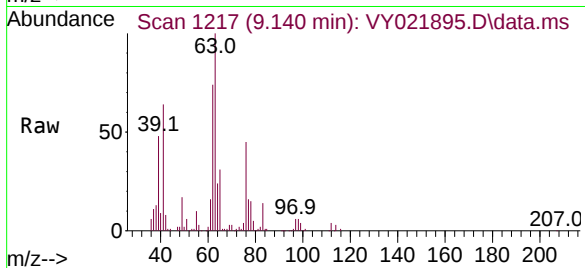
S-872-G1-SO-20.0-20.5-041025MS

Tgt Ion: 63 Resp: 86559

Ion Ratio Lower Upper

63 100

65 31.3 24.4 36.6



#46

Dibromomethane

Concen: 48.582 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

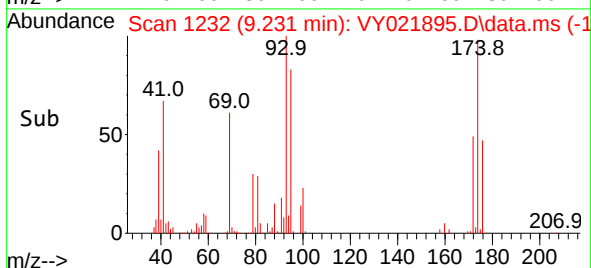
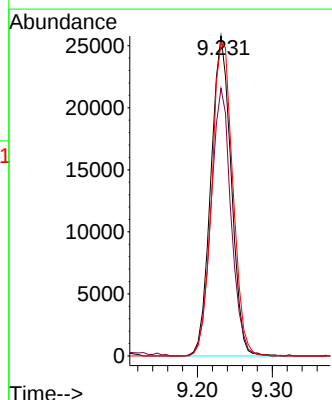
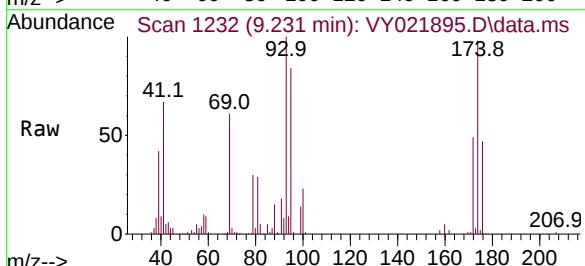
Tgt Ion: 93 Resp: 48661

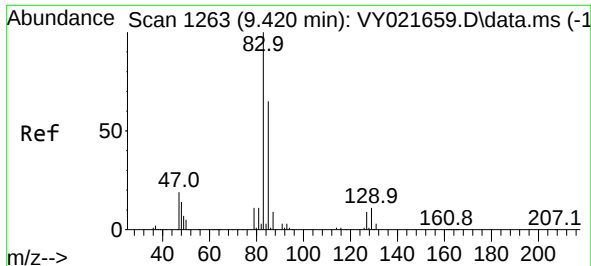
Ion Ratio Lower Upper

93 100

95 82.5 68.1 102.1

174 101.2 80.9 121.3

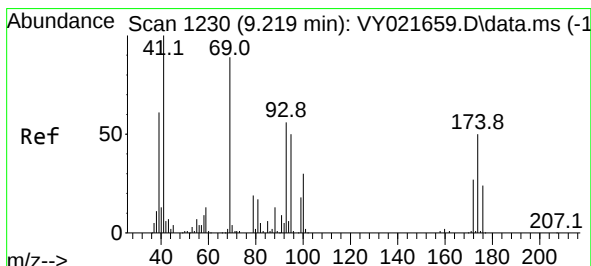
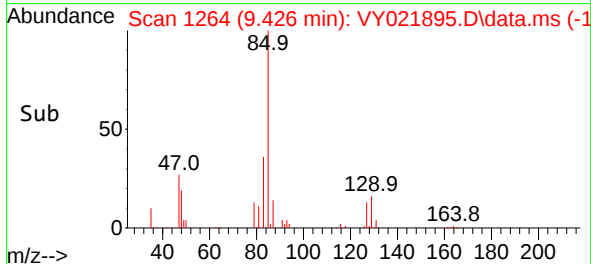
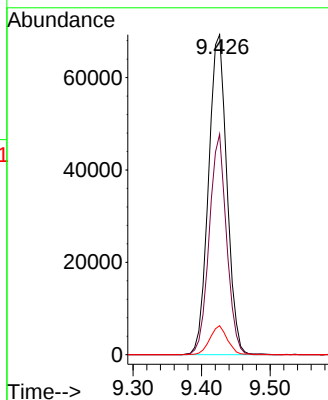
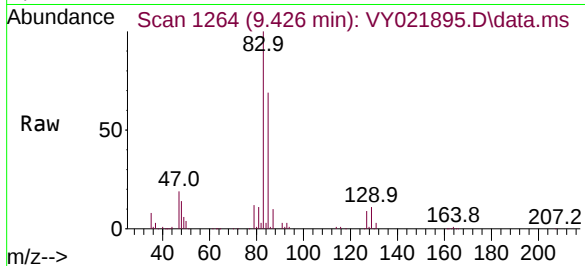




#47
Bromodichloromethane
Concen: 49.764 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

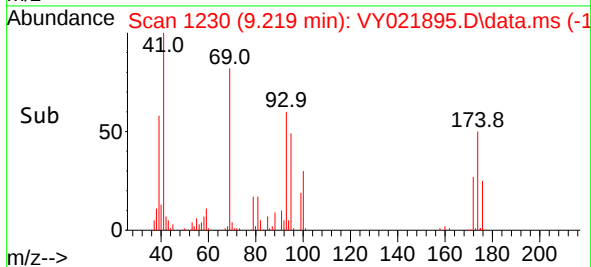
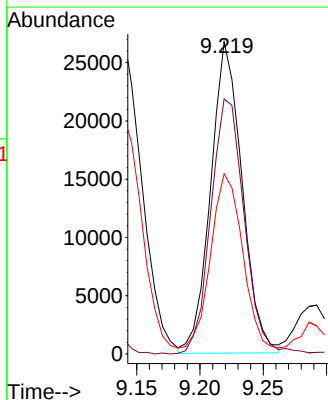
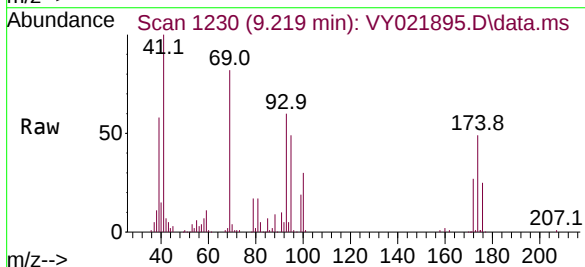
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

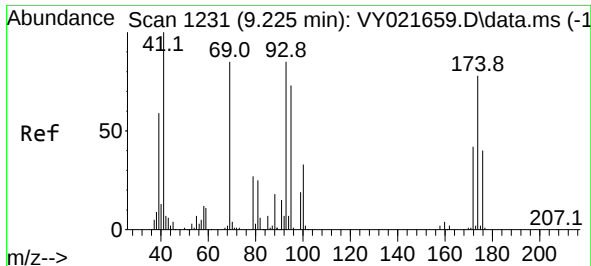
Tgt Ion: 83 Resp: 129157
Ion Ratio Lower Upper
83 100
85 68.9 51.8 77.6
127 9.0 6.8 10.2



#48
Methyl methacrylate
Concen: 45.869 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 41 Resp: 46161
Ion Ratio Lower Upper
41 100
69 87.4 69.8 104.8
39 56.9 47.2 70.8





#49

1,4-Dioxane

Concen: 885.001 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

S-872-G1-SO-20.0-20.5-041025MS

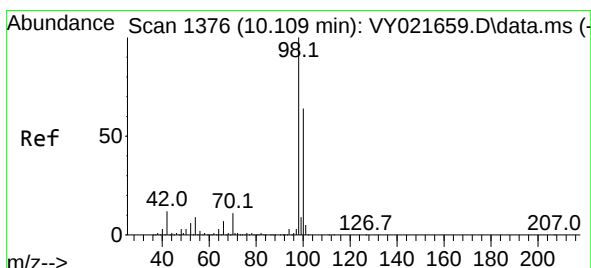
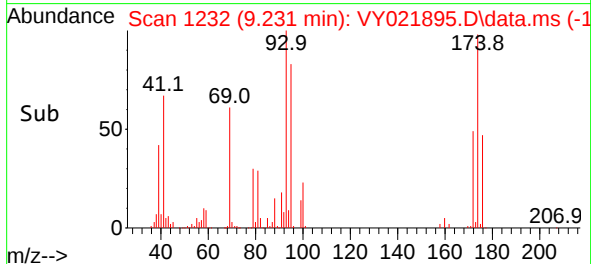
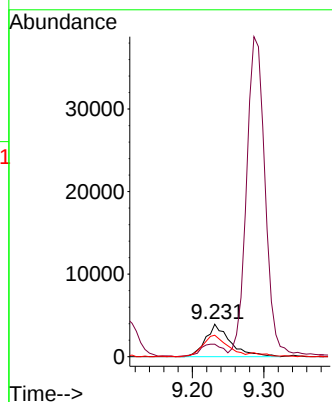
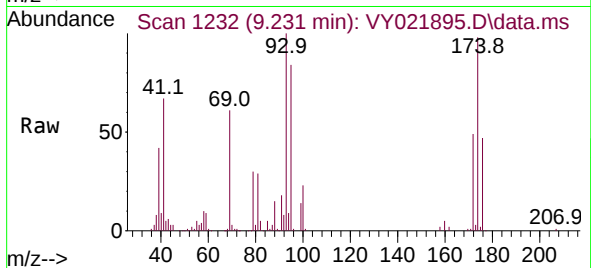
Tgt Ion: 88 Resp: 9496

Ion Ratio Lower Upper

88 100

43 35.6 28.8 43.2

58 64.9 59.4 89.2



#50

Toluene-d8

Concen: 49.100 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021895.D

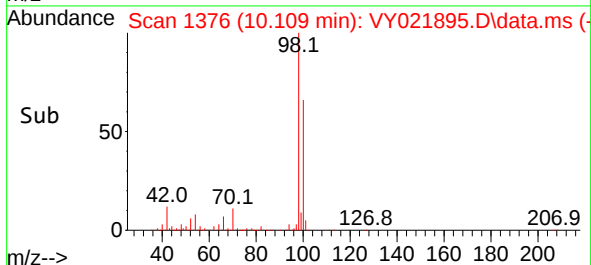
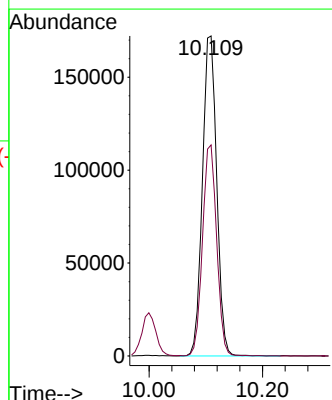
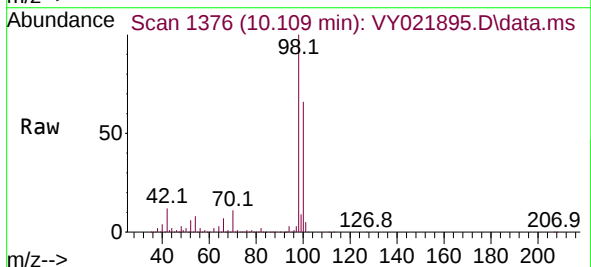
Acq: 15 Apr 2025 14:49

Tgt Ion: 98 Resp: 300662

Ion Ratio Lower Upper

98 100

100 65.3 52.1 78.1

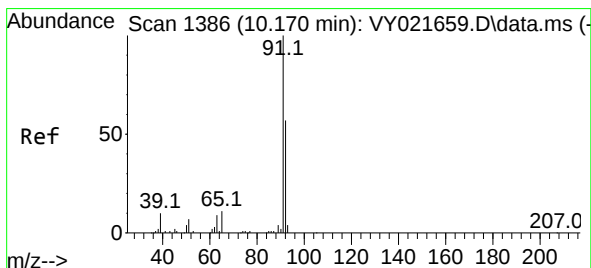
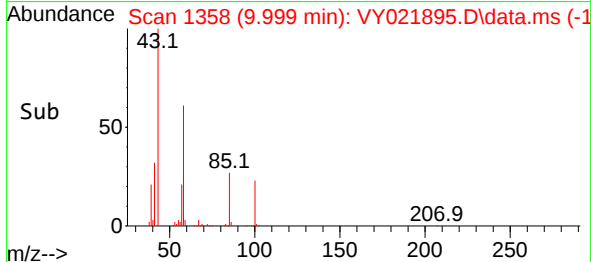
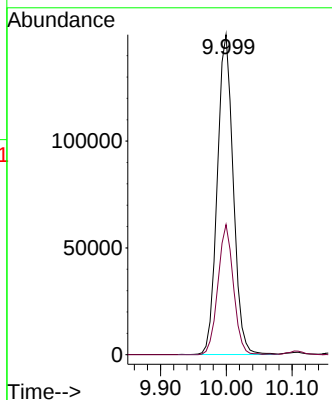
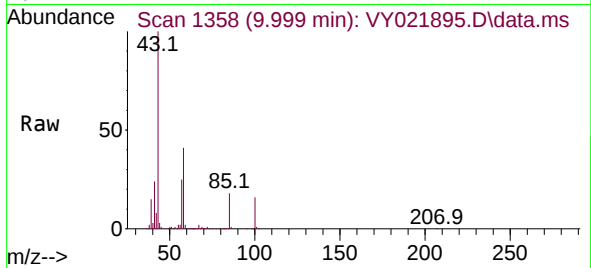




#51
4-Methyl-2-Pentanone
Concen: 221.136 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

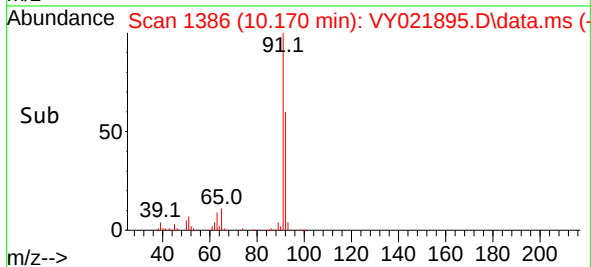
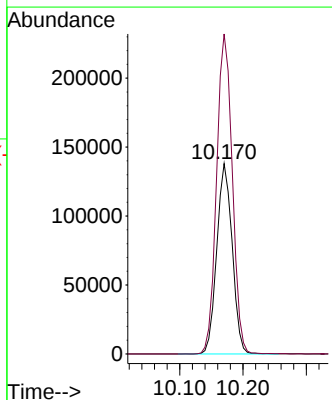
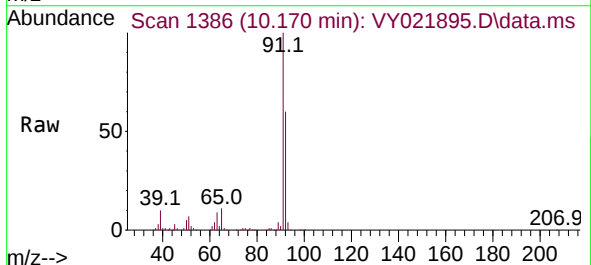
Instrument : MSVOA_Y
ClientSampleId : S-872-G1-SO-20.0-20.5-041025MS

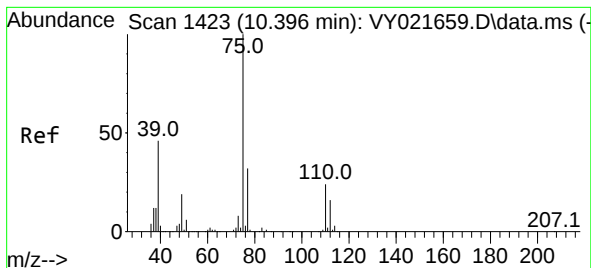
Tgt Ion: 43 Resp: 252335
Ion Ratio Lower Upper
43 100
58 39.6 31.5 47.3



#52
Toluene
Concen: 50.864 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 92 Resp: 233003
Ion Ratio Lower Upper
92 100
91 170.9 138.6 207.8

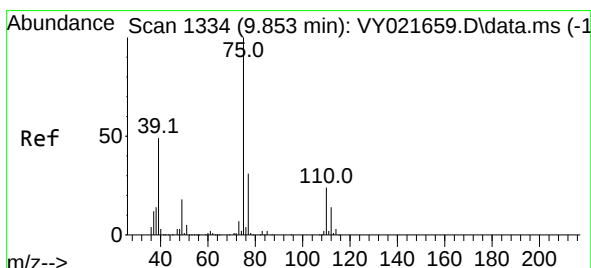
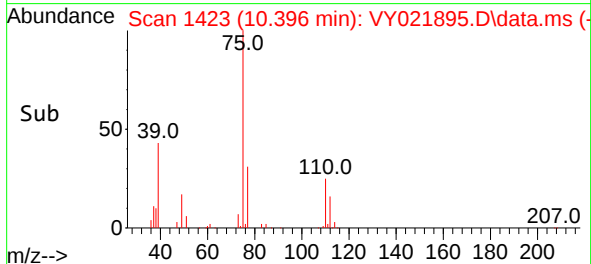
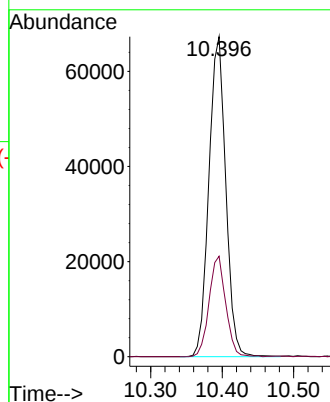
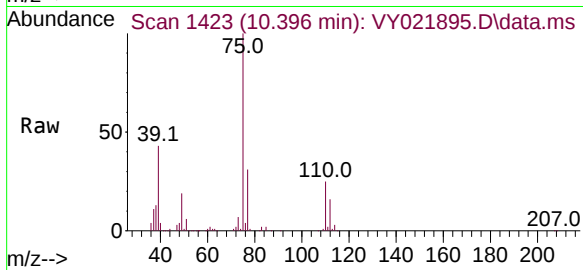




#53
t-1,3-Dichloropropene
Concen: 47.773 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

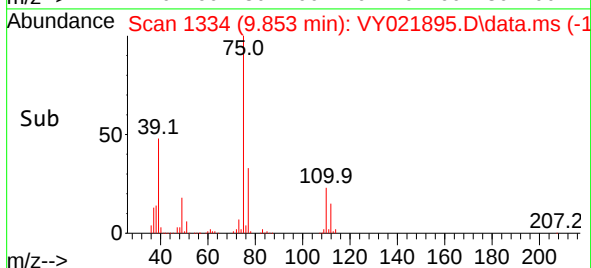
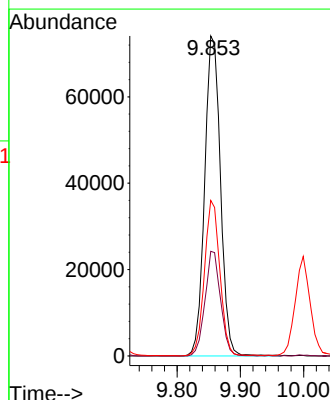
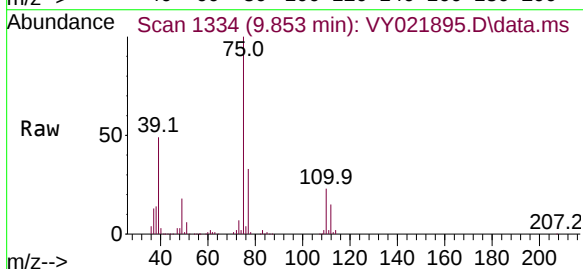
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

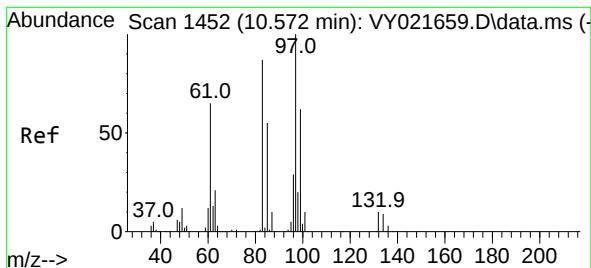
Tgt Ion: 75 Resp: 110130
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 47.476 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 75 Resp: 129117
Ion Ratio Lower Upper
75 100
77 32.7 24.9 37.3
39 48.6 39.2 58.8

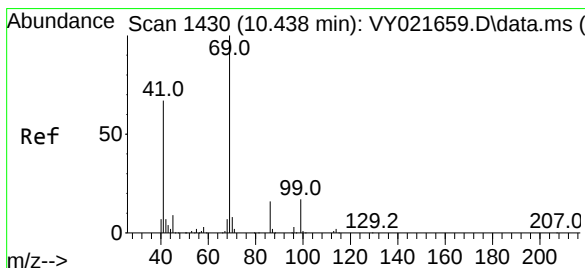
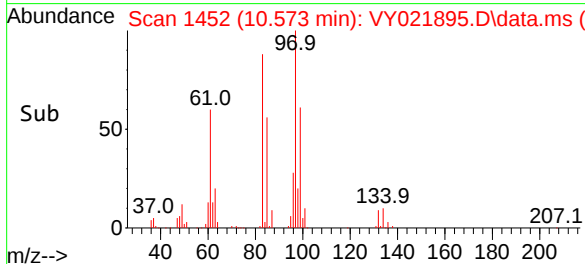
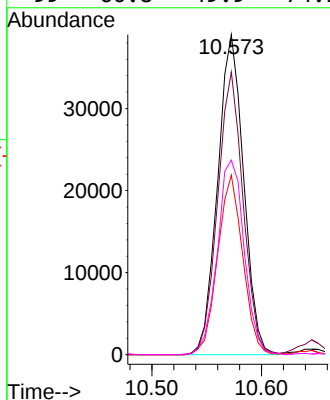
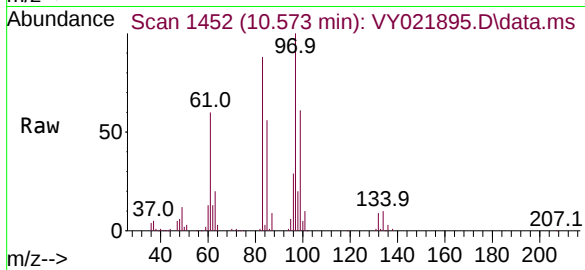




#55
1,1,2-Trichloroethane
Concen: 49.757 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

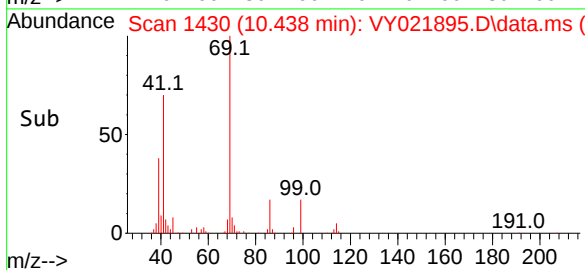
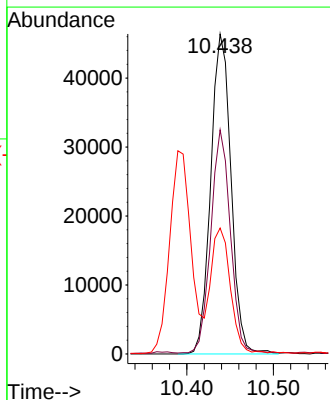
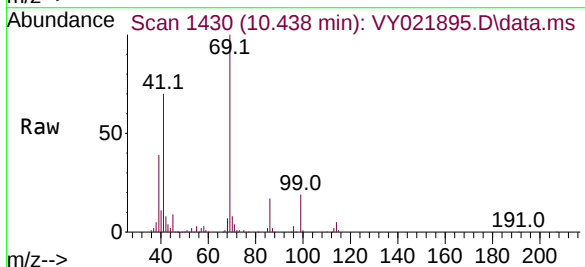
Instrument : MSVOA_Y
ClientSampleId : S-872-G1-SO-20.0-20.5-041025MS

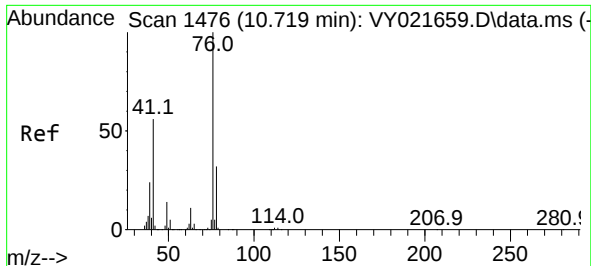
Tgt Ion:	97	Resp:	64135
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.5	104.3
85	56.1	43.9	65.9
99	60.8	49.9	74.9



#56
Ethyl methacrylate
Concen: 45.915 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion:	69	Resp:	75570
Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.8	80.6
39	36.9	29.6	44.4





#57

1,3-Dichloropropane

Concen: 48.950 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

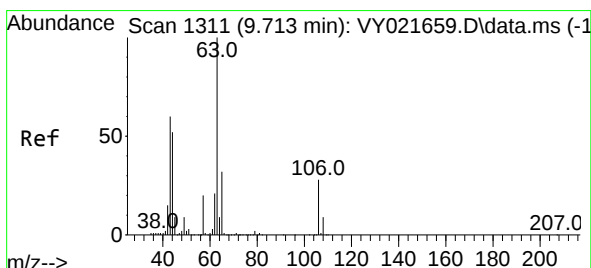
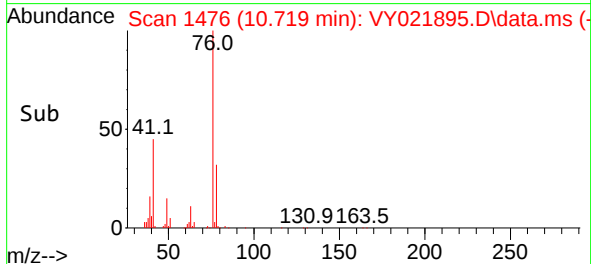
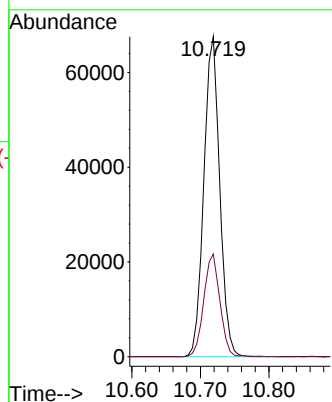
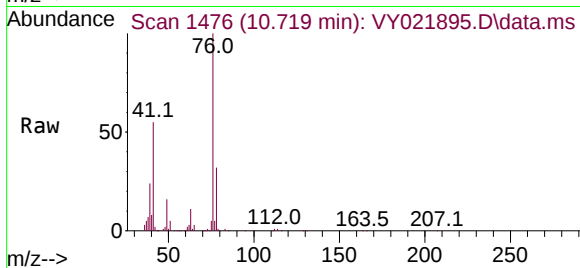
S-872-G1-SO-20.0-20.5-041025MS

Tgt Ion: 76 Resp: 108969

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 261.930 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021895.D

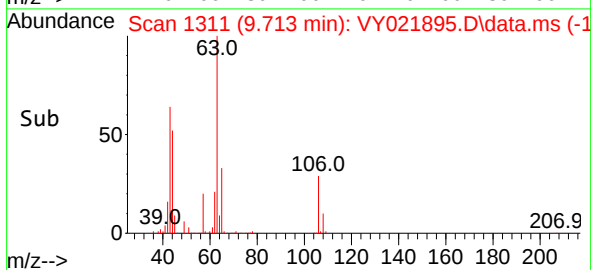
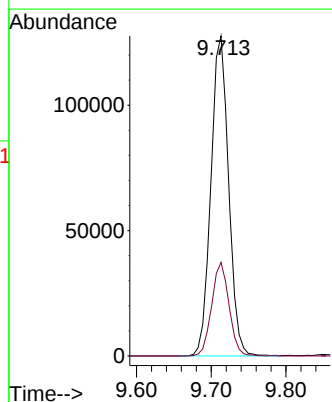
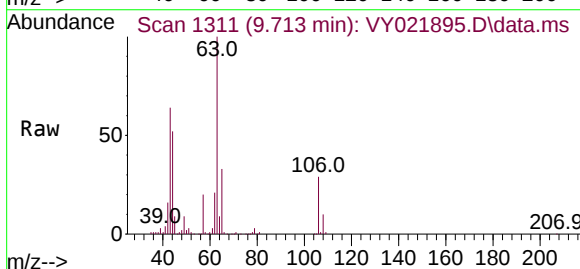
Acq: 15 Apr 2025 14:49

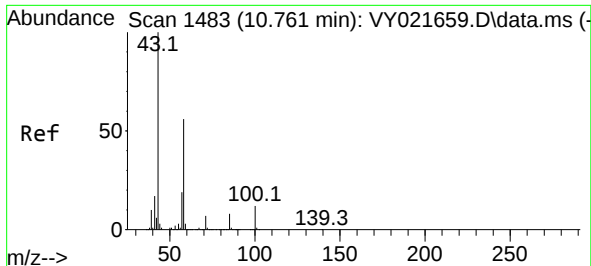
Tgt Ion: 63 Resp: 210306

Ion Ratio Lower Upper

63 100

106 28.6 22.4 33.6

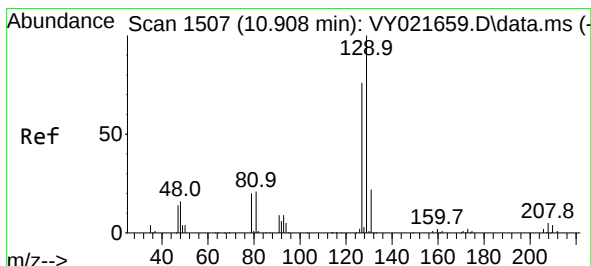
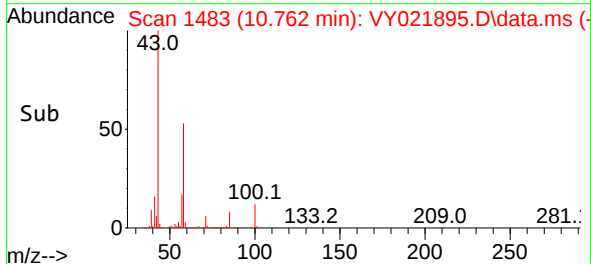
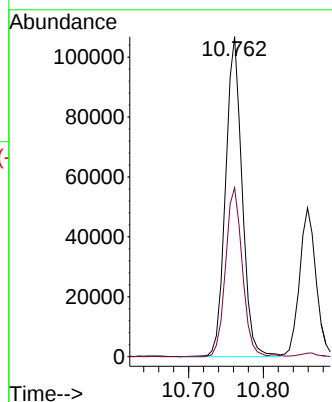
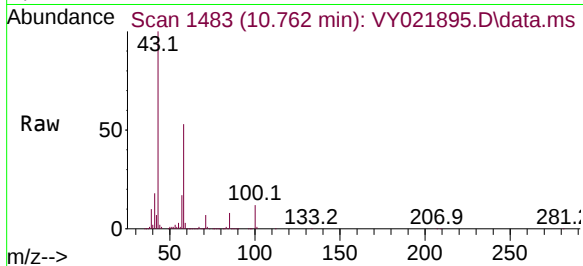




#59
2-Hexanone
Concen: 216.582 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

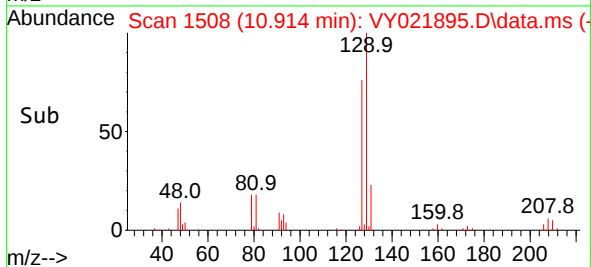
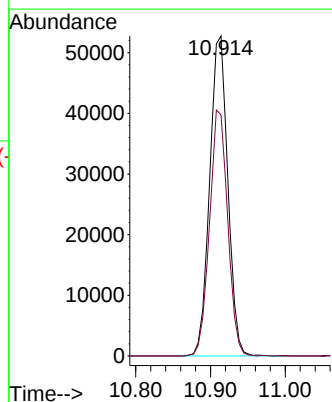
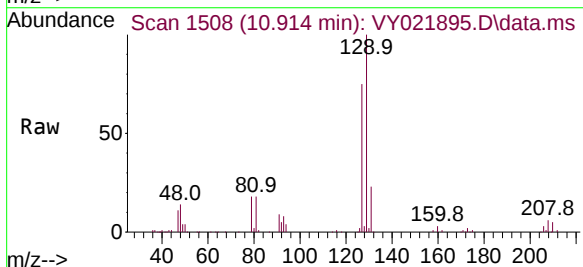
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

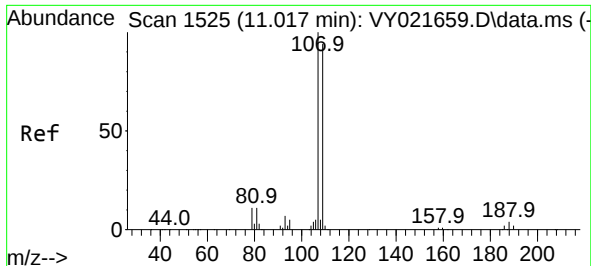
Tgt Ion: 43 Resp: 164590
Ion Ratio Lower Upper
43 100
58 53.7 27.2 81.5



#60
Dibromochloromethane
Concen: 50.539 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 129 Resp: 88941
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7

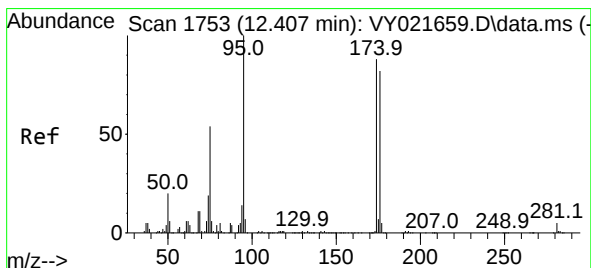
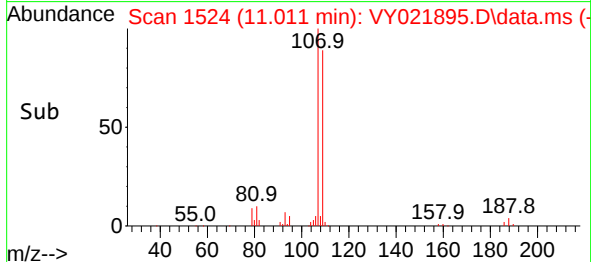
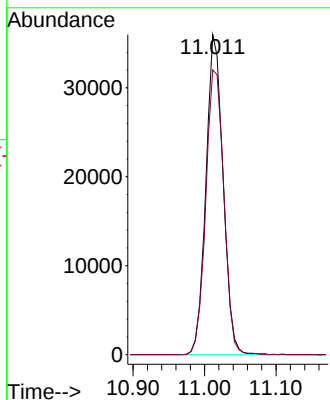
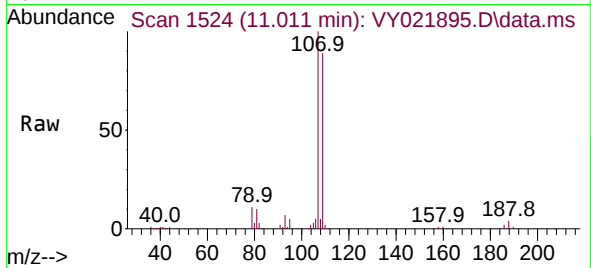




#61
1,2-Dibromoethane
Concen: 49.544 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

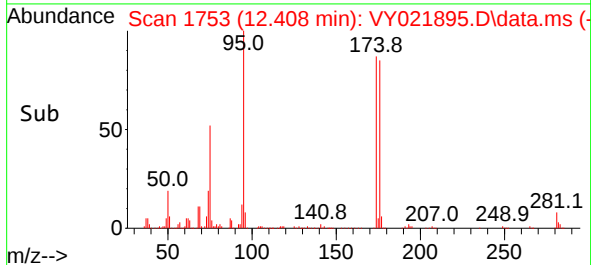
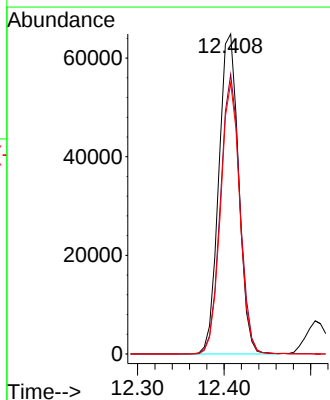
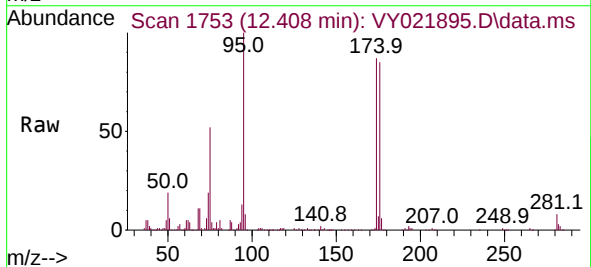
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

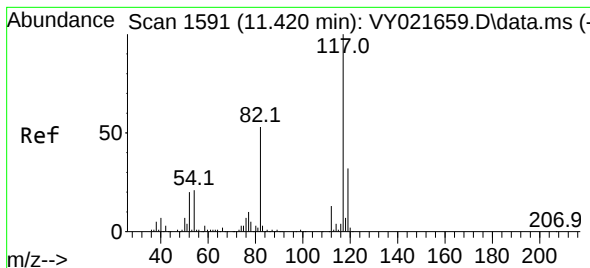
Tgt Ion:107 Resp: 59906
Ion Ratio Lower Upper
107 100
109 93.9 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 49.949 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 95 Resp: 103457
Ion Ratio Lower Upper
95 100
174 85.6 0.0 170.8
176 81.7 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021895.D

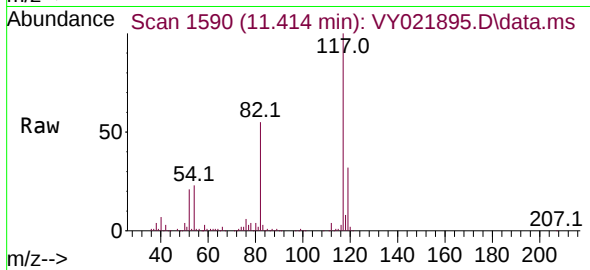
Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

S-872-G1-SO-20.0-20.5-041025MS



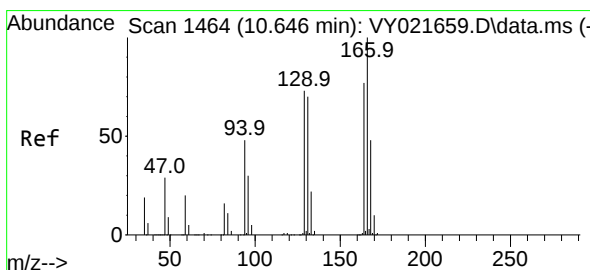
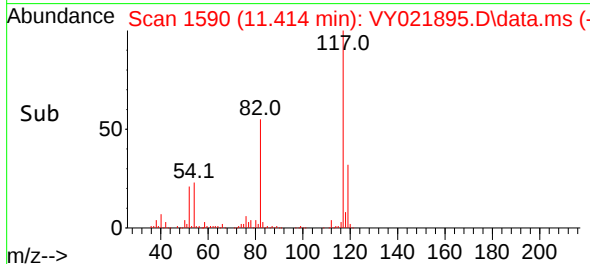
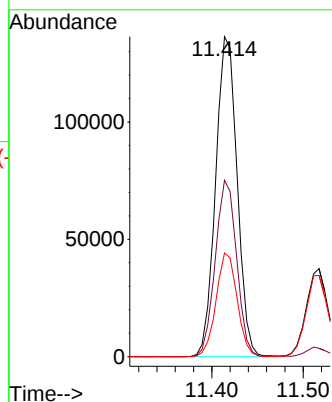
Tgt Ion:117 Resp: 223338

Ion Ratio Lower Upper

117 100

82 55.2 42.8 64.2

119 32.4 25.7 38.5



#64

Tetrachloroethene

Concen: 55.632 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Tgt Ion:164 Resp: 113161

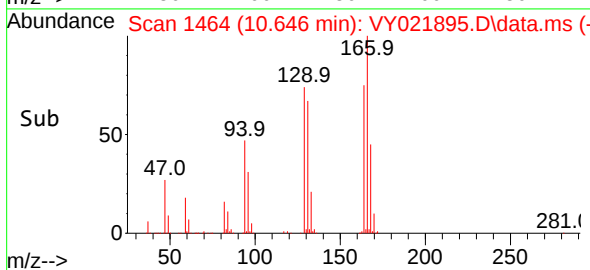
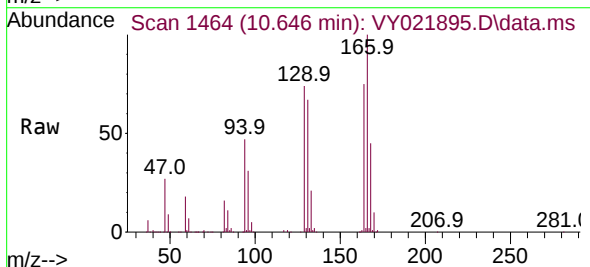
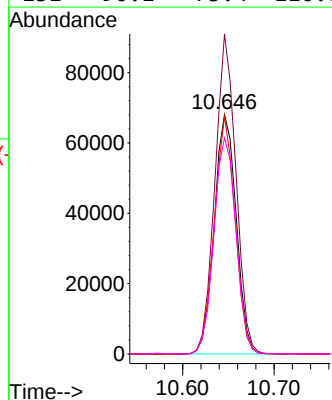
Ion Ratio Lower Upper

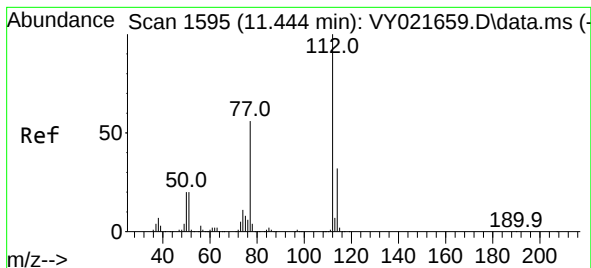
164 100

166 133.6 104.6 156.8

129 99.2 76.6 114.8

131 90.1 73.4 110.0





#65

Chlorobenzene

Concen: 48.758 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

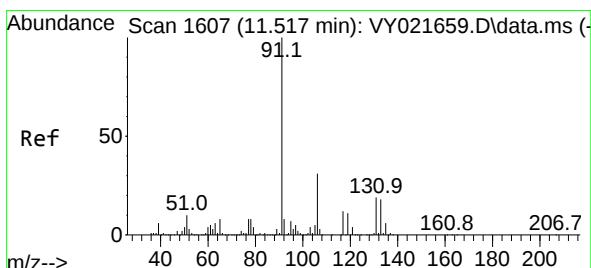
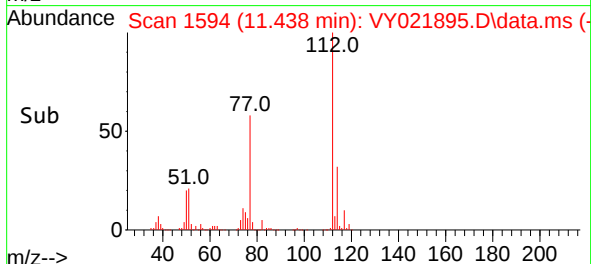
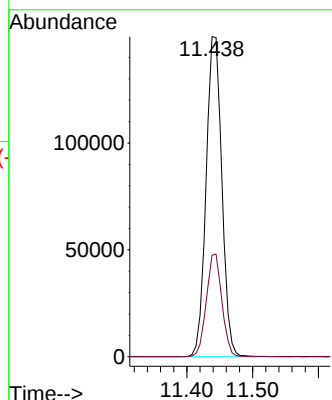
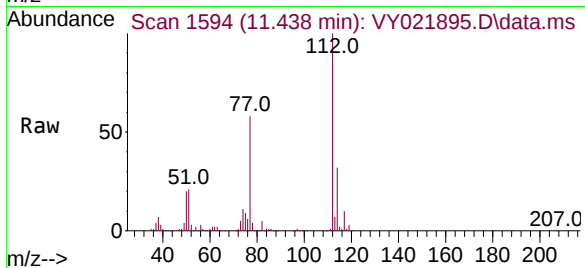
S-872-G1-SO-20.0-20.5-041025MS

Tgt Ion:112 Resp: 249621

Ion Ratio Lower Upper

112 100

114 31.7 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 49.837 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

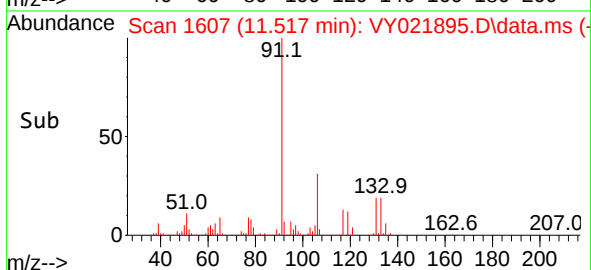
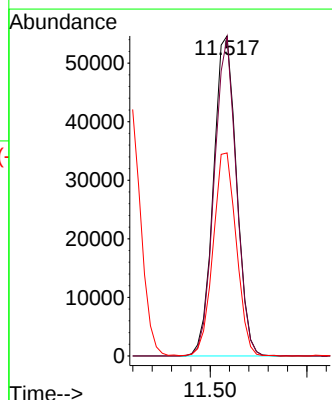
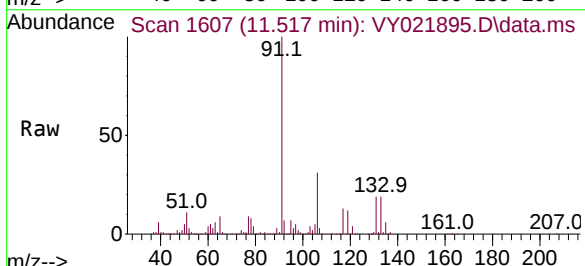
Tgt Ion:131 Resp: 90527

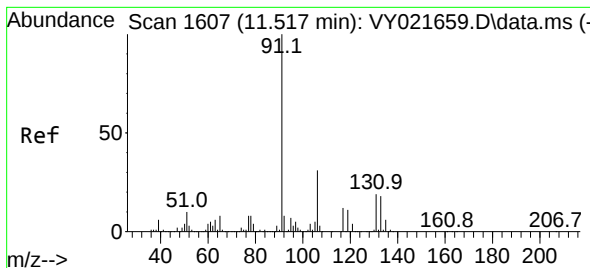
Ion Ratio Lower Upper

131 100

133 95.6 47.3 141.8

119 63.9 31.6 95.0

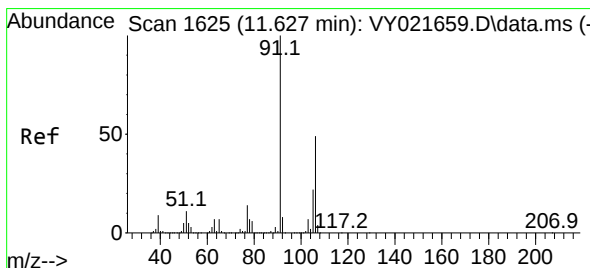
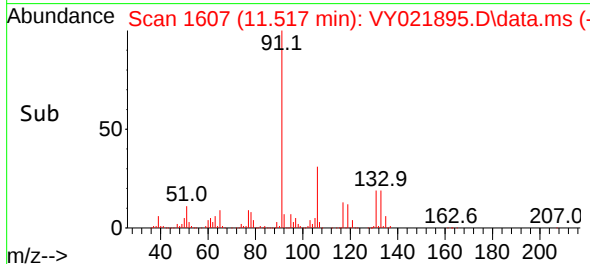
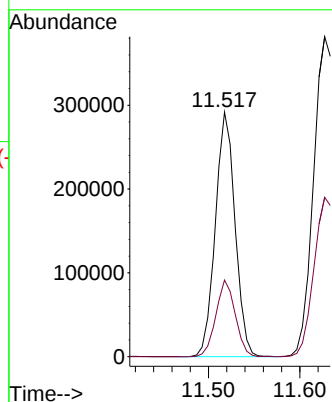
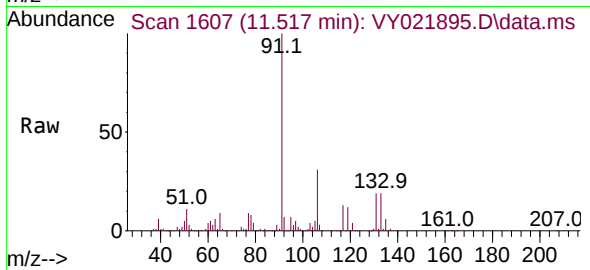




#67
Ethyl Benzene
Concen: 49.762 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

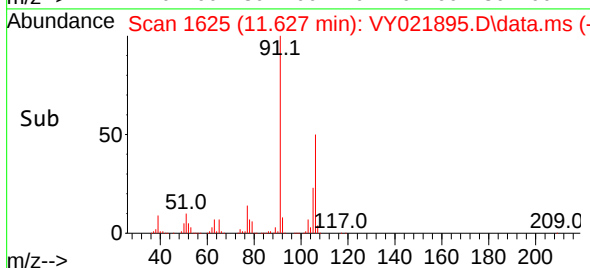
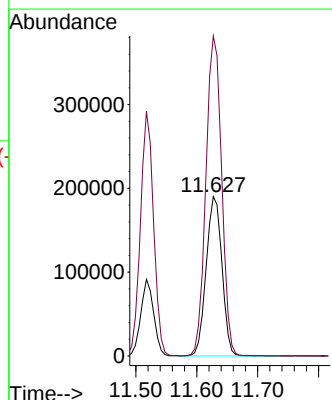
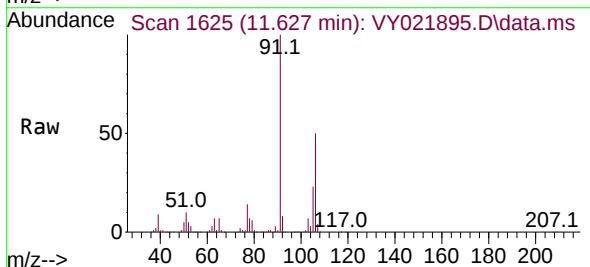
Instrument : MSVOA_Y
ClientSampleId : S-872-G1-SO-20.0-20.5-041025MS

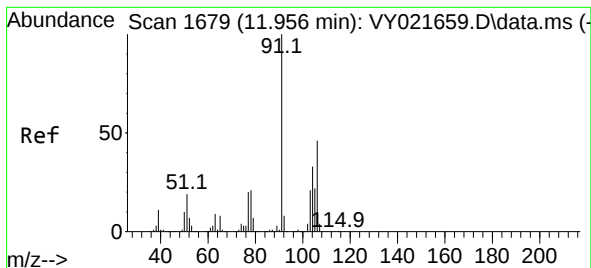
Tgt Ion: 91 Resp: 436863
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 101.582 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 106 Resp: 341492
Ion Ratio Lower Upper
106 100
91 200.6 162.4 243.6





#69

o-Xylene

Concen: 50.918 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

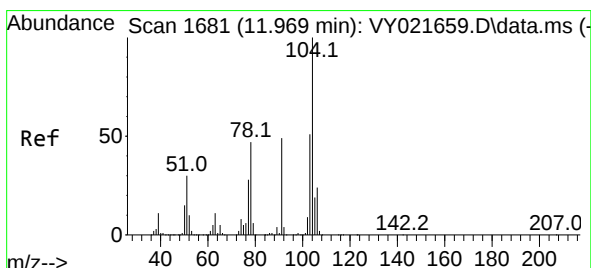
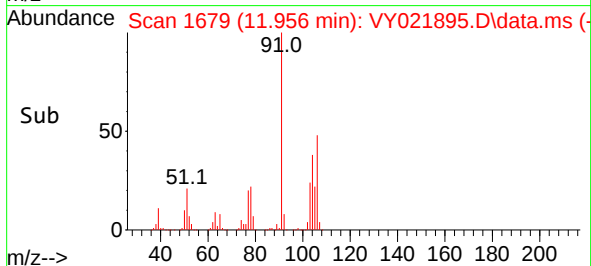
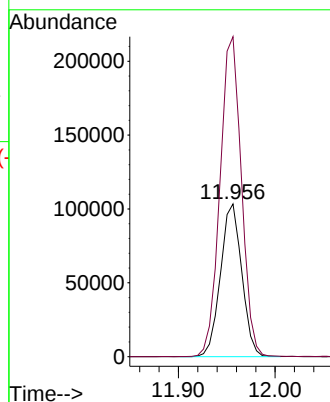
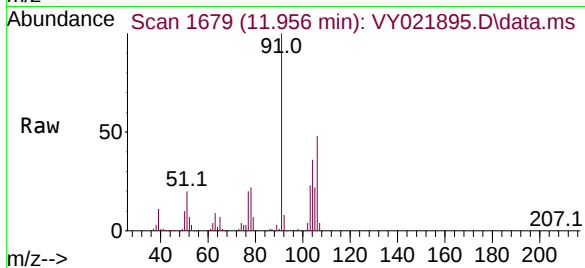
S-872-G1-SO-20.0-20.5-041025MS

Tgt Ion:106 Resp: 158008

Ion Ratio Lower Upper

106 100

91 211.1 106.7 319.9



#70

Styrene

Concen: 51.105 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

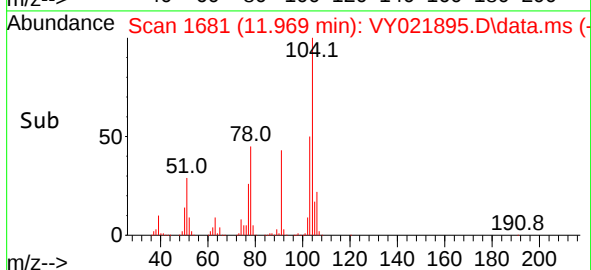
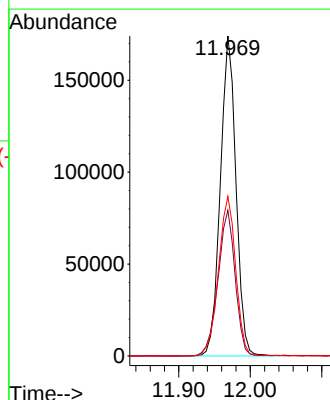
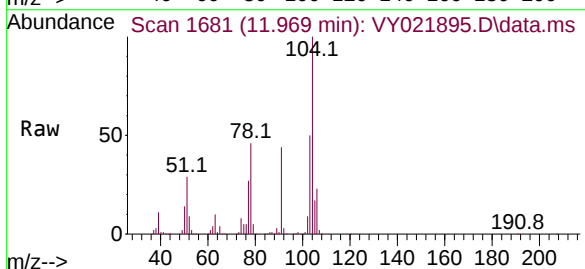
Tgt Ion:104 Resp: 264416

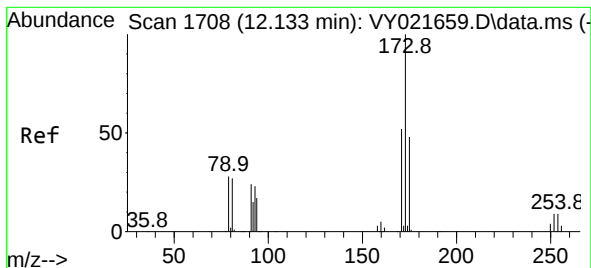
Ion Ratio Lower Upper

104 100

78 50.0 40.8 61.2

103 55.0 44.2 66.2





#71

Bromoform

Concen: 48.435 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

S-872-G1-SO-20.0-20.5-041025MS

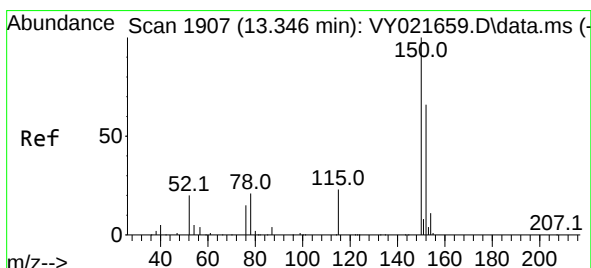
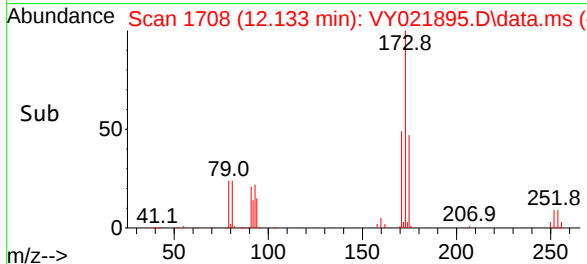
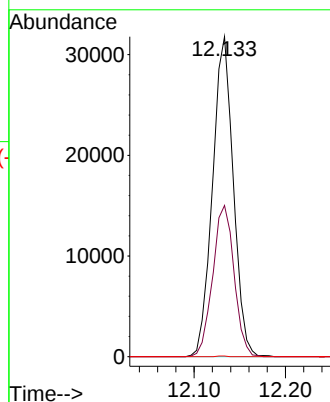
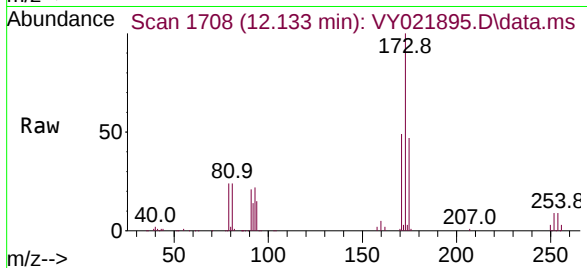
Tgt Ion:173 Resp: 50185

Ion Ratio Lower Upper

173 100

175 48.5 24.3 73.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

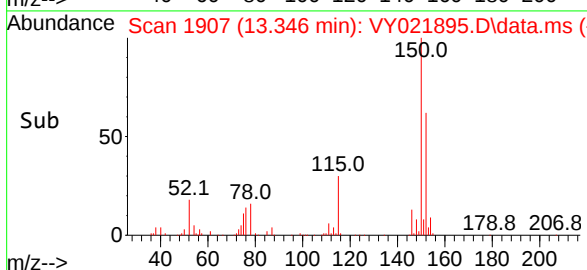
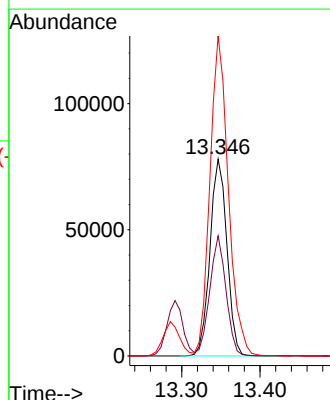
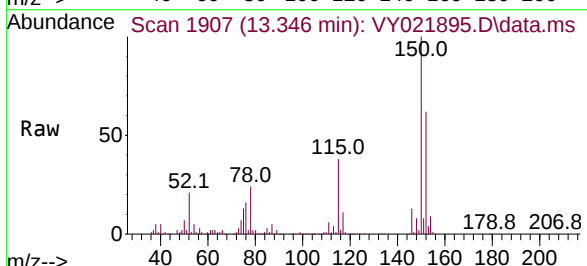
Tgt Ion:152 Resp: 117205

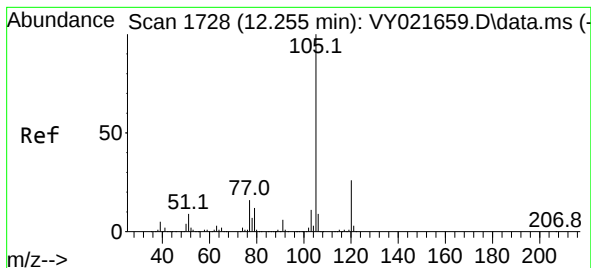
Ion Ratio Lower Upper

152 100

115 58.5 28.8 86.5

150 176.1 0.0 348.4





#73

Isopropylbenzene

Concen: 49.145 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

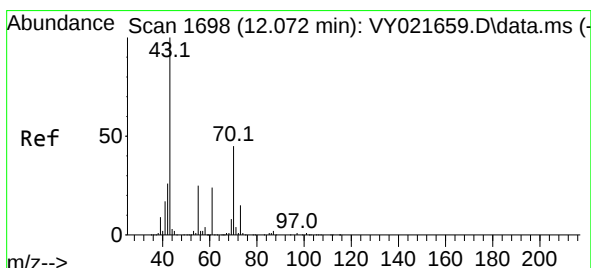
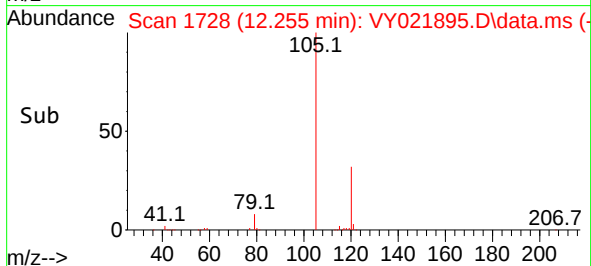
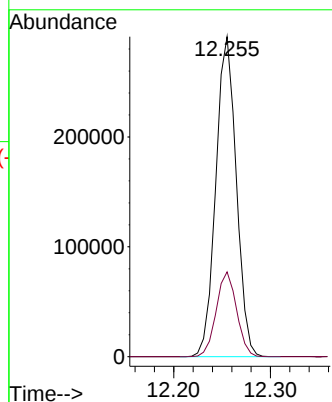
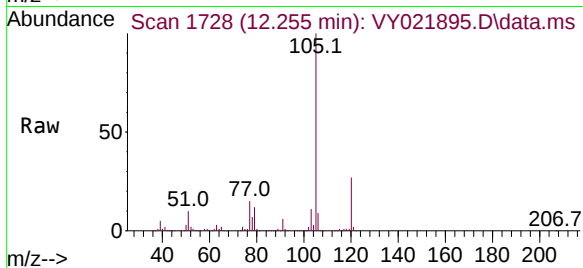
S-872-G1-SO-20.0-20.5-041025MS

Tgt Ion:105 Resp: 427817

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 38.297 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Tgt Ion: 43 Resp: 78242

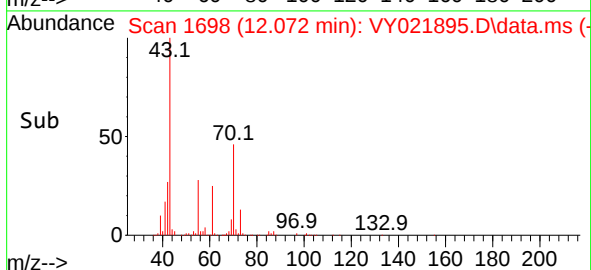
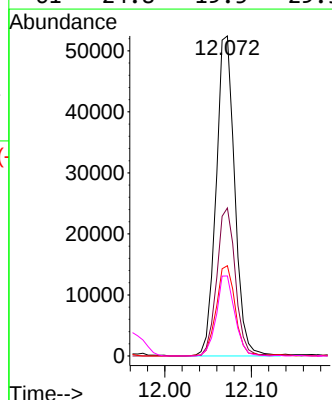
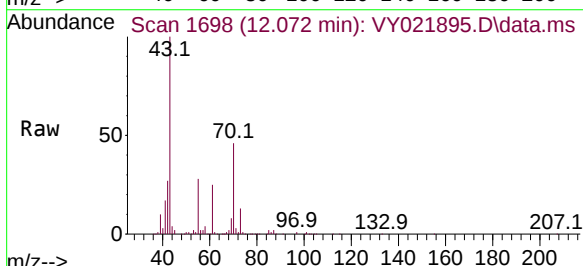
Ion Ratio Lower Upper

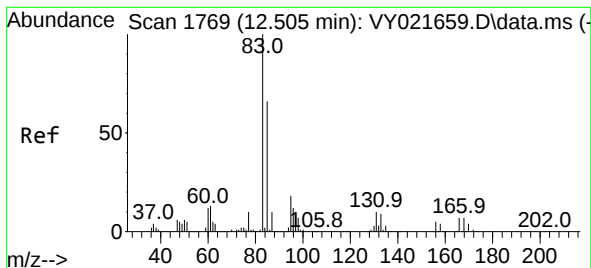
43 100

70 46.5 34.7 52.1

55 28.7 21.2 31.8

61 24.8 19.5 29.3

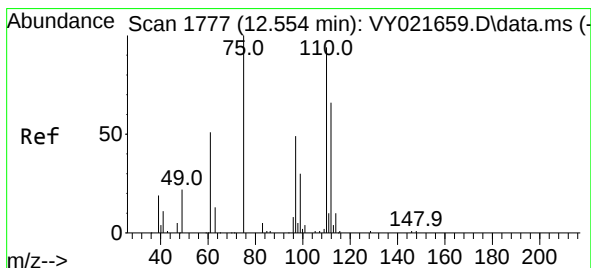
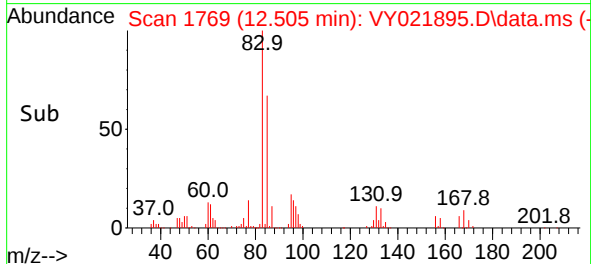
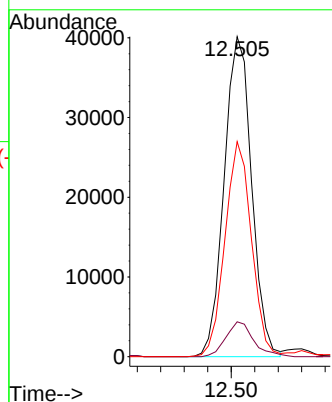
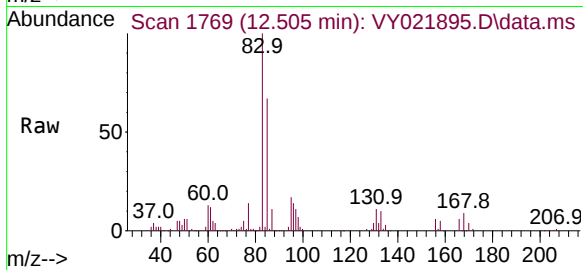




#75
 1,1,2,2-Tetrachloroethane
 Concen: 41.648 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY021895.D
 Acq: 15 Apr 2025 14:49

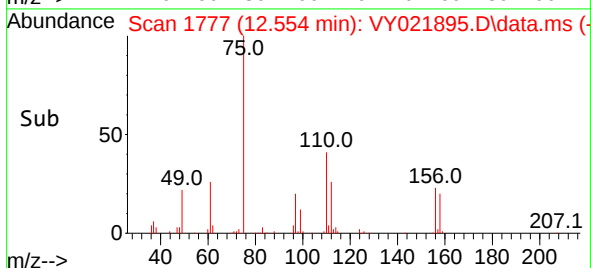
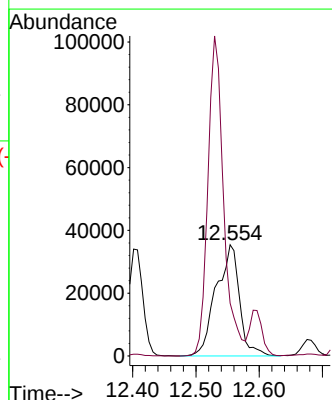
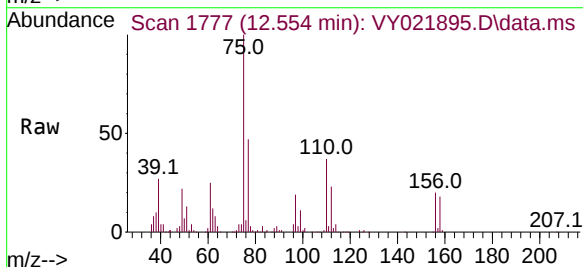
Instrument : MSVOA_Y
 ClientSampleId : S-872-G1-SO-20.0-20.5-041025MS

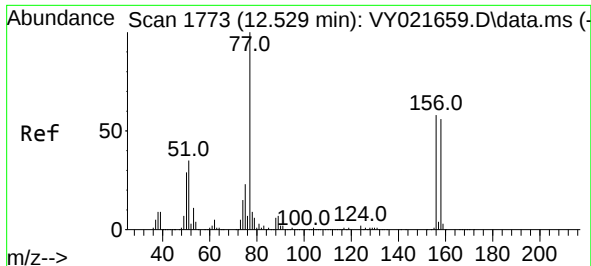
Tgt Ion: 83 Resp: 65184
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.1 15.3
 85 64.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 78.112 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY021895.D
 Acq: 15 Apr 2025 14:49

Tgt Ion: 75 Resp: 90751
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

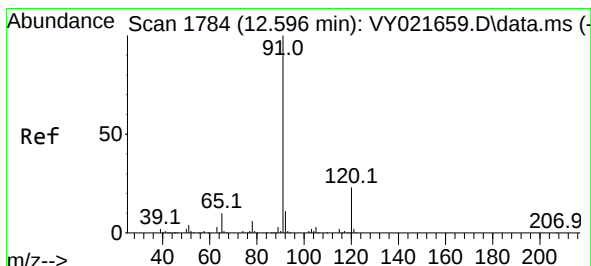
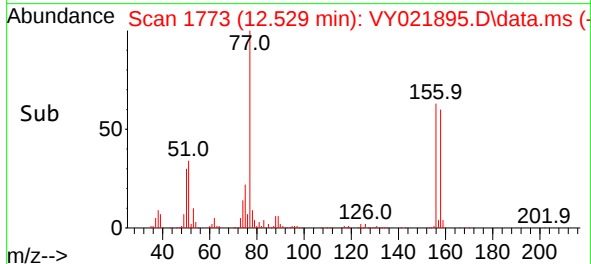
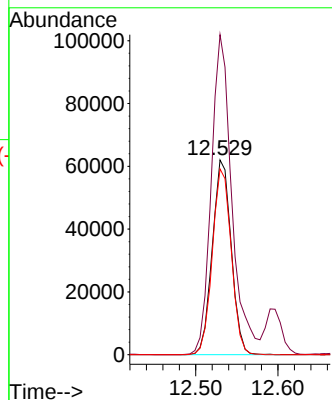
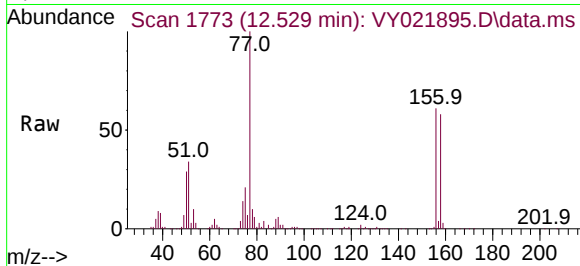




#77
Bromobenzene
Concen: 47.542 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

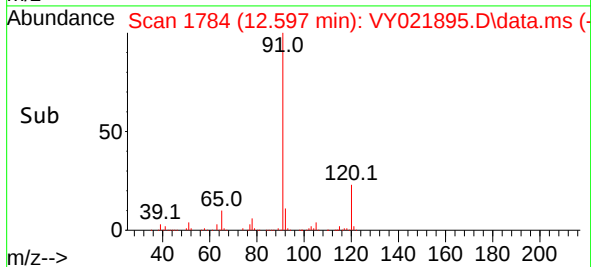
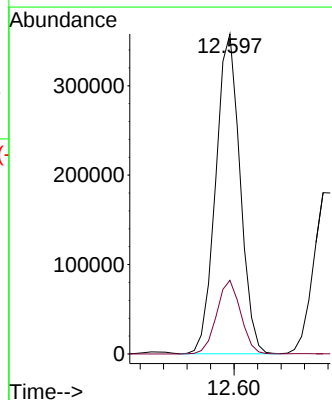
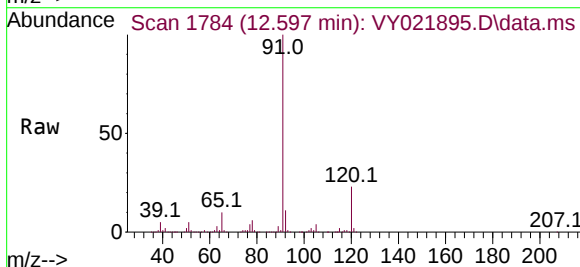
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

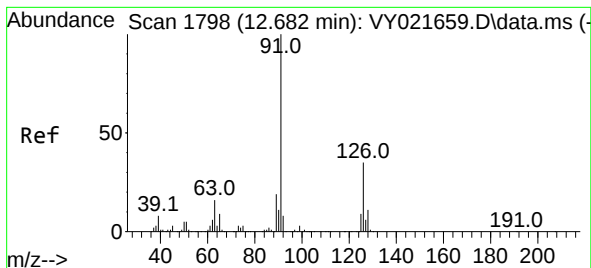
Tgt Ion:156 Resp: 99369
Ion Ratio Lower Upper
156 100
77 179.0 92.8 278.3
158 95.1 48.5 145.6



#78
n-propylbenzene
Concen: 49.188 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 91 Resp: 514790
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9





#79

2-Chlorotoluene

Concen: 47.623 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. -0.006 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

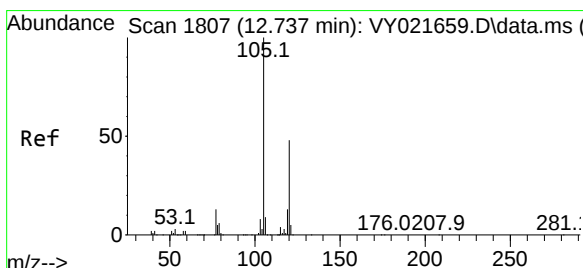
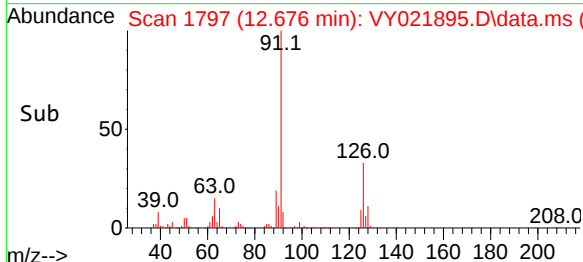
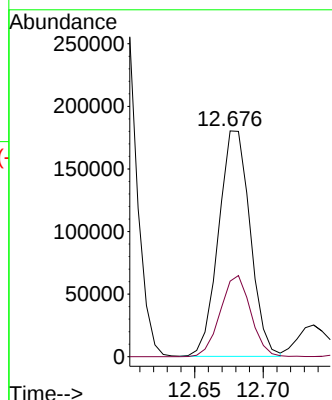
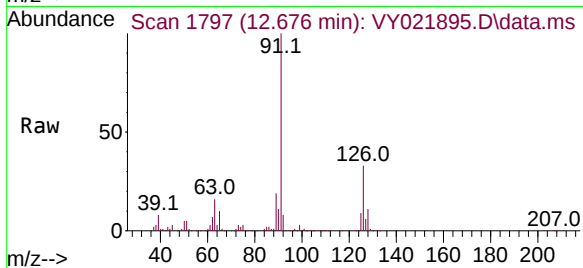
S-872-G1-SO-20.0-20.5-041025MS

Tgt Ion: 91 Resp: 289487

Ion Ratio Lower Upper

91 100

126 34.6 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 48.867 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021895.D

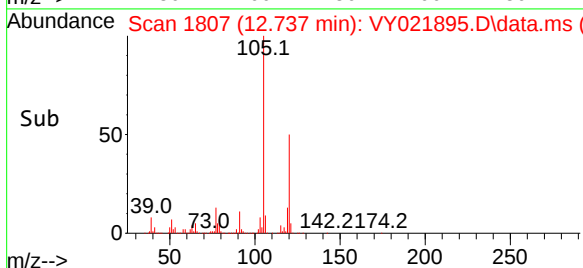
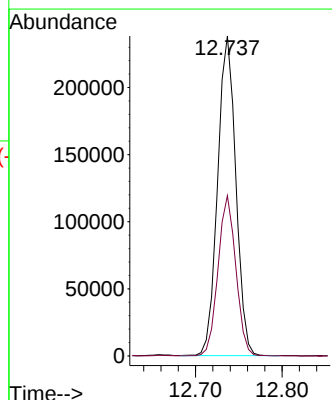
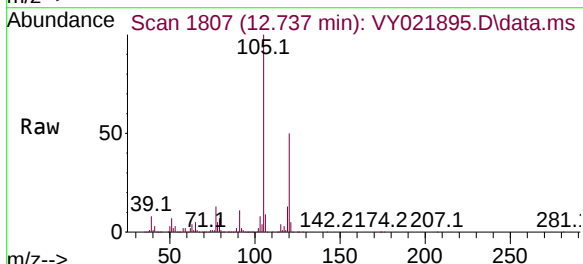
Acq: 15 Apr 2025 14:49

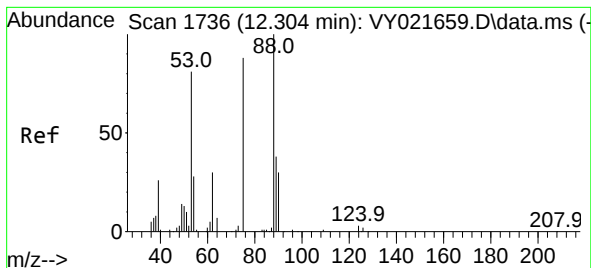
Tgt Ion: 105 Resp: 347678

Ion Ratio Lower Upper

105 100

120 48.9 24.5 73.5

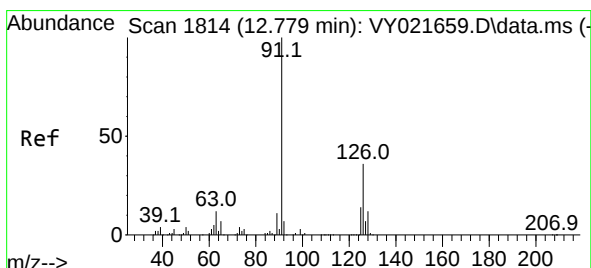
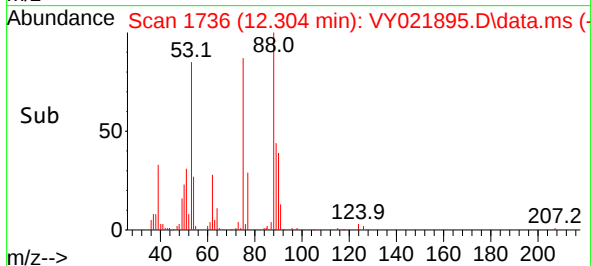
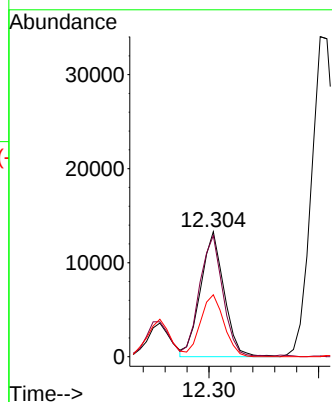
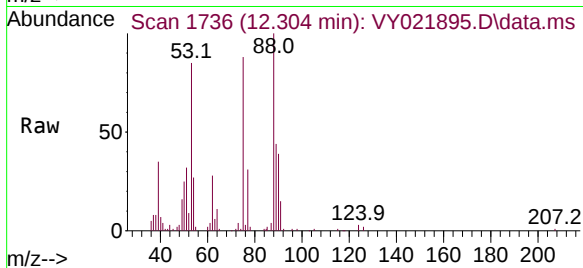




#81
trans-1,4-Dichloro-2-butene
Concen: 39.253 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

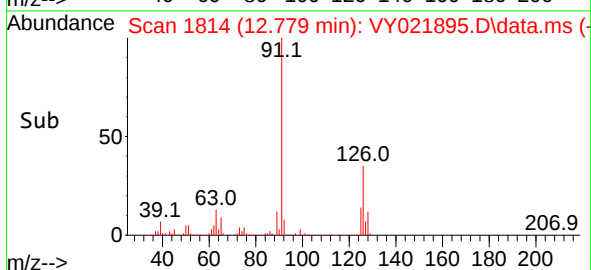
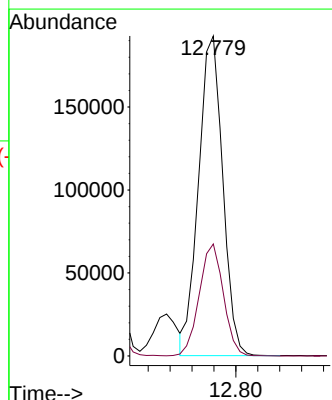
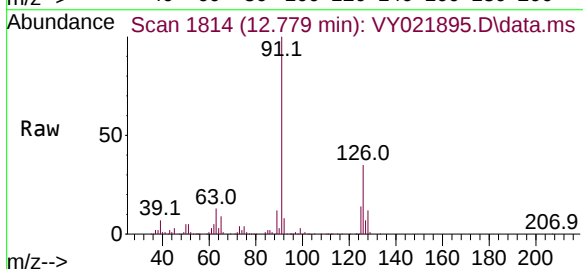
Instrument : MSVOA_Y
ClientSampleId : S-872-G1-SO-20.0-20.5-041025MS

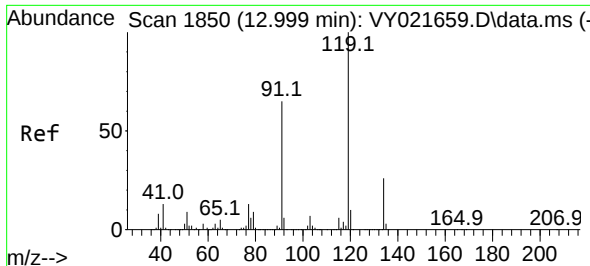
Tgt Ion: 75 Resp: 19792
Ion Ratio Lower Upper
75 100
53 95.3 76.1 114.1
89 49.1 36.2 54.4



#82
4-Chlorotoluene
Concen: 46.553 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 91 Resp: 295023
Ion Ratio Lower Upper
91 100
126 35.0 17.0 50.9

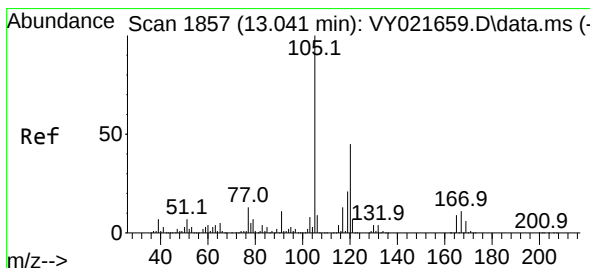
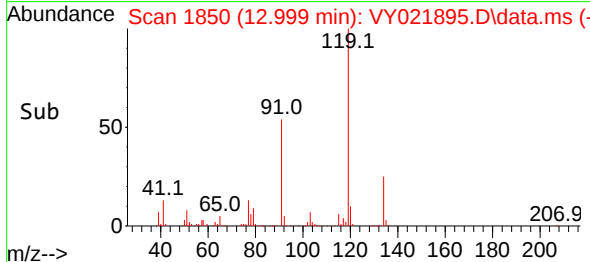
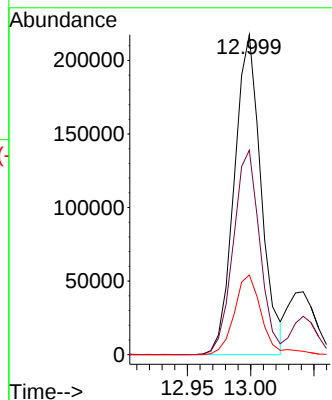
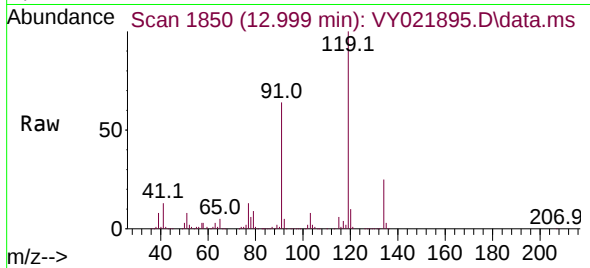




#83
tert-Butylbenzene
Concen: 50.618 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

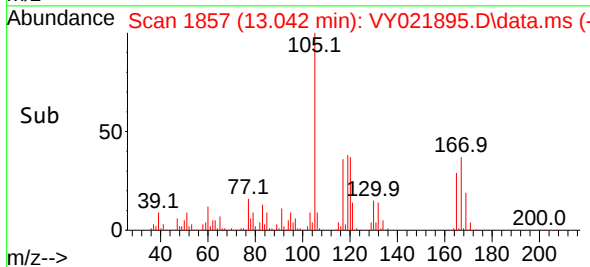
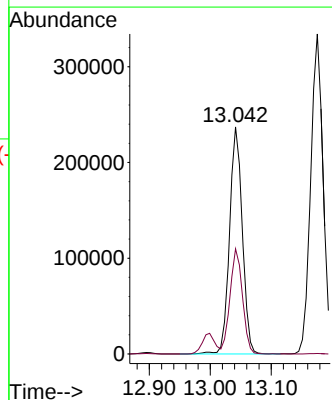
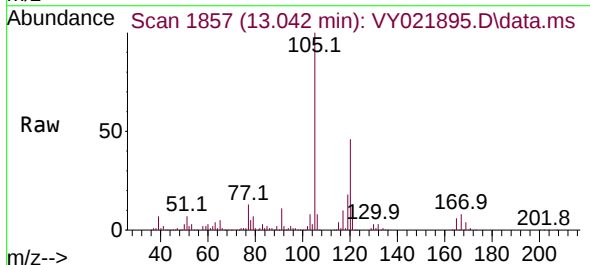
Instrument : MSVOA_Y
ClientSampleId : S-872-G1-SO-20.0-20.5-041025MS

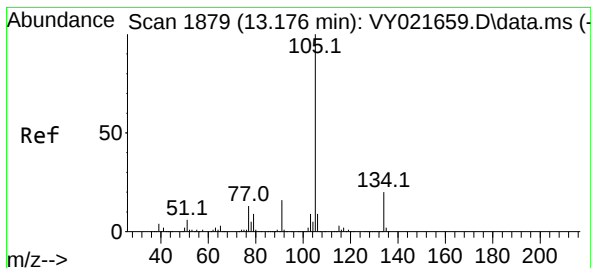
Tgt Ion:119 Resp: 320767
Ion Ratio Lower Upper
119 100
91 63.5 32.6 97.7
134 25.6 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 48.990 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion:105 Resp: 344493
Ion Ratio Lower Upper
105 100
120 44.9 22.7 68.1





#85

sec-Butylbenzene

Concen: 51.060 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

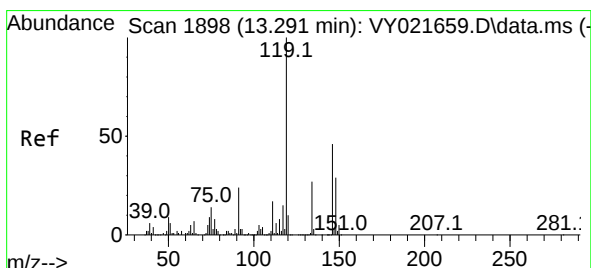
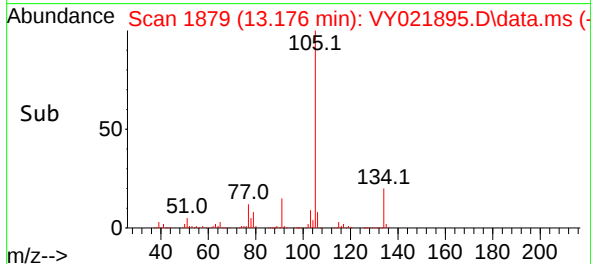
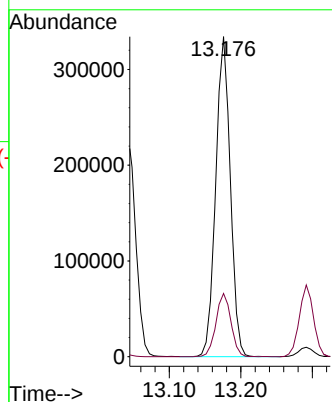
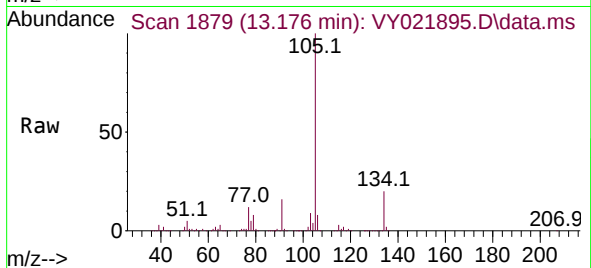
S-872-G1-SO-20.0-20.5-041025MS

Tgt Ion:105 Resp: 472871

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.181 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

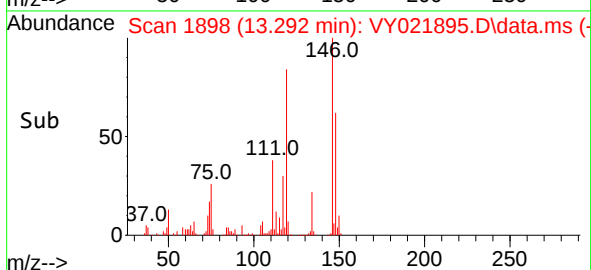
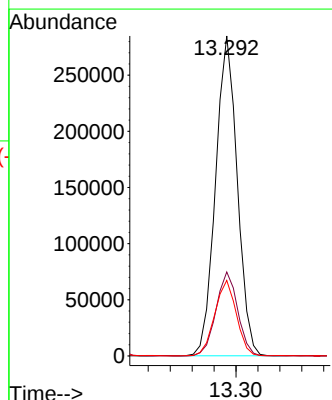
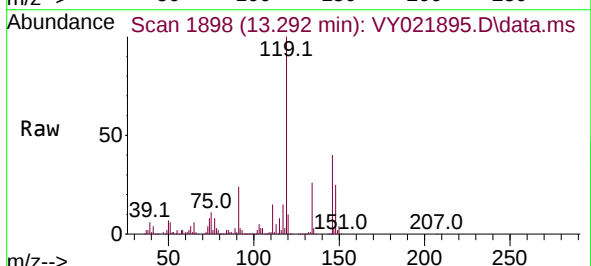
Tgt Ion:119 Resp: 391754

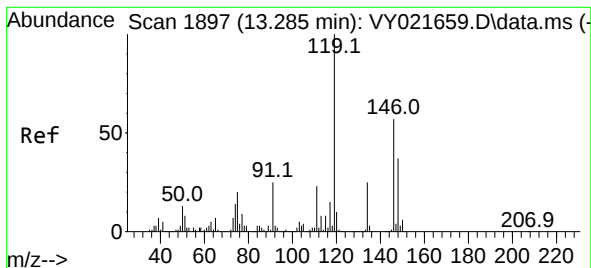
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.5 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 46.848 ug/l

RT: 13.285 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

S-872-G1-SO-20.0-20.5-041025MS

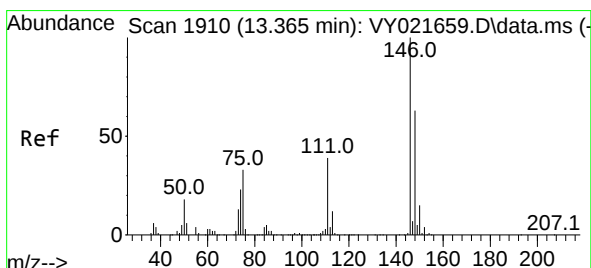
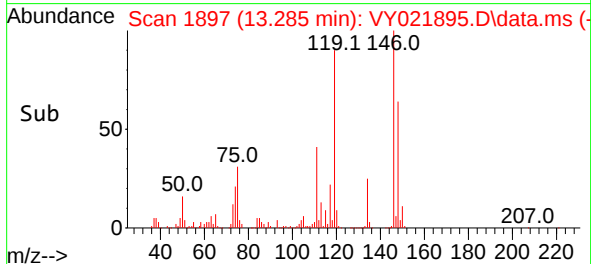
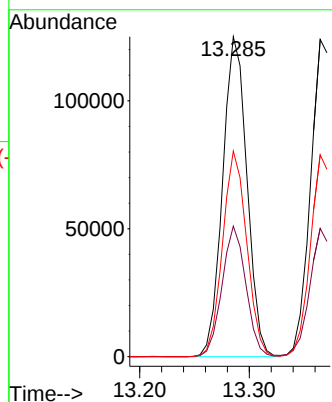
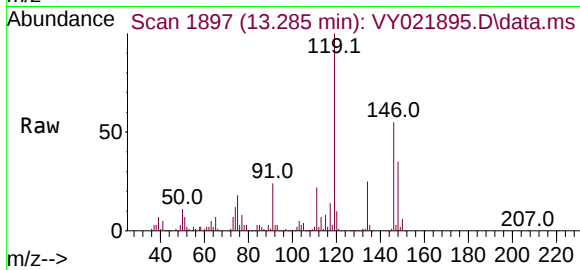
Tgt Ion:146 Resp: 192919

Ion Ratio Lower Upper

146 100

111 39.9 20.0 60.0

148 63.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 46.655 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

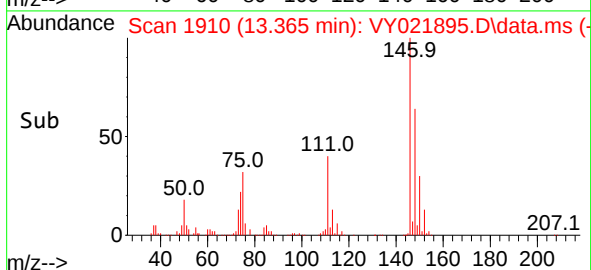
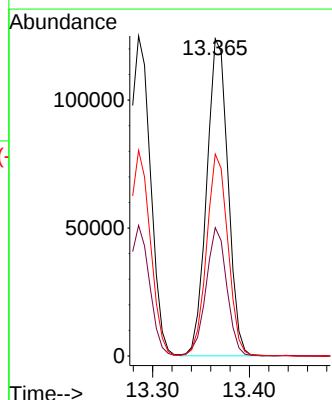
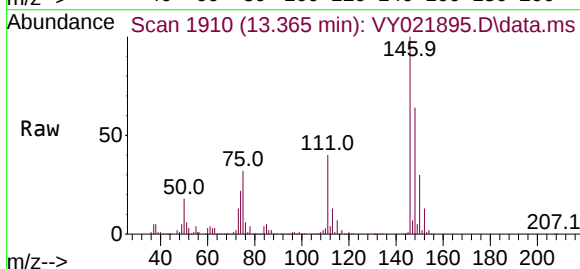
Tgt Ion:146 Resp: 189818

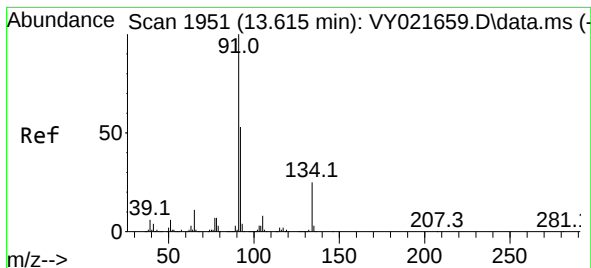
Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.1

148 63.7 31.5 94.5





#89

n-Butylbenzene

Concen: 48.648 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

S-872-G1-SO-20.0-20.5-041025MS

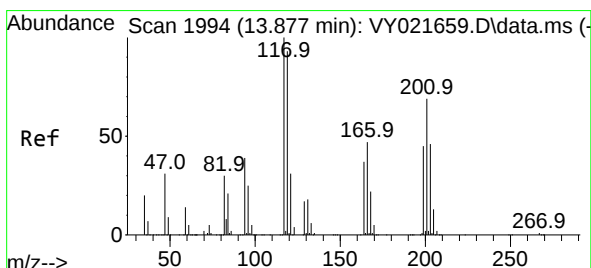
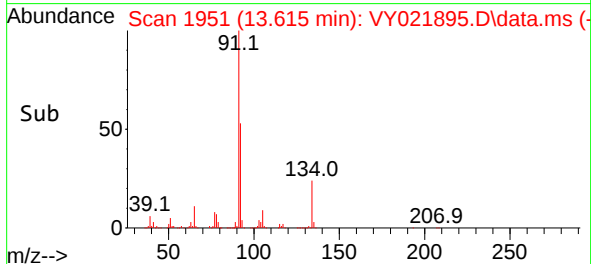
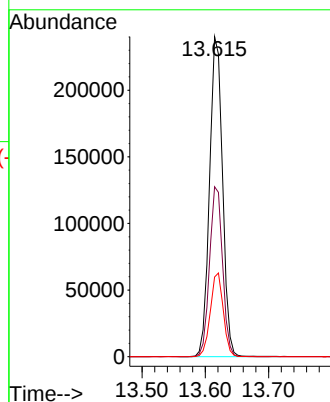
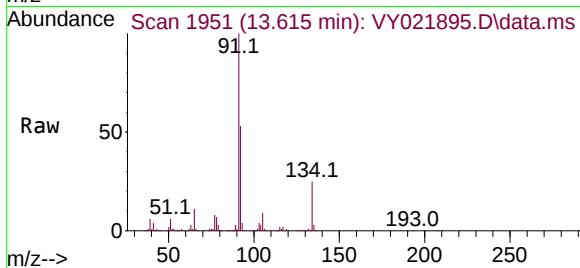
Tgt Ion: 91 Resp: 344369

Ion Ratio Lower Upper

91 100

92 53.1 26.4 79.2

134 26.0 12.8 38.4



#90

Hexachloroethane

Concen: 49.366 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY021895.D

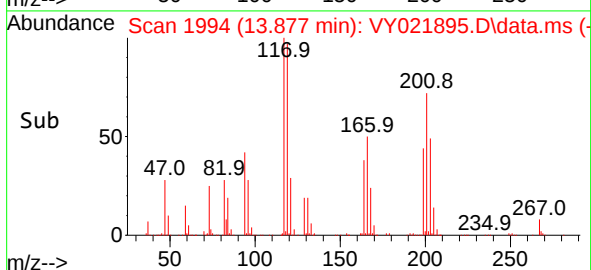
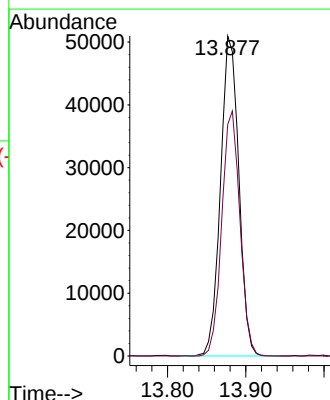
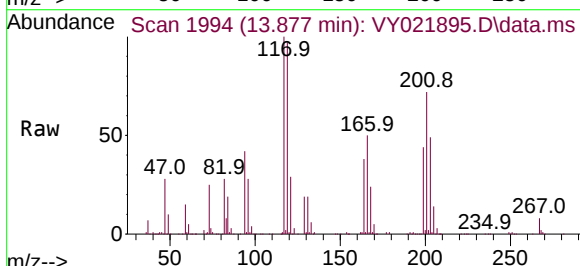
Acq: 15 Apr 2025 14:49

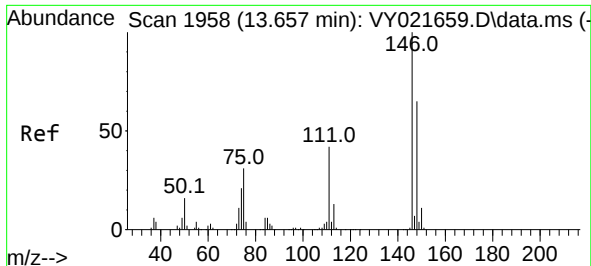
Tgt Ion: 117 Resp: 82803

Ion Ratio Lower Upper

117 100

201 76.0 37.4 112.1

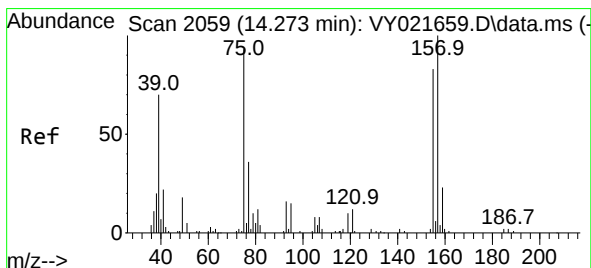
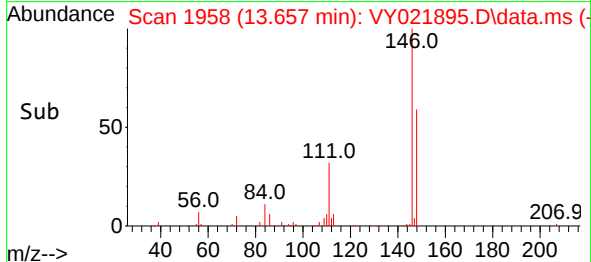
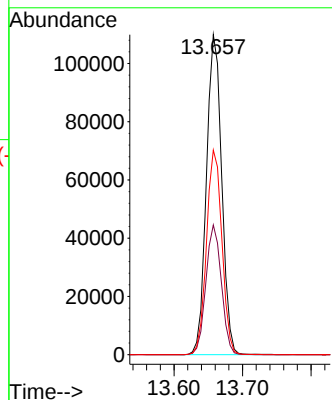
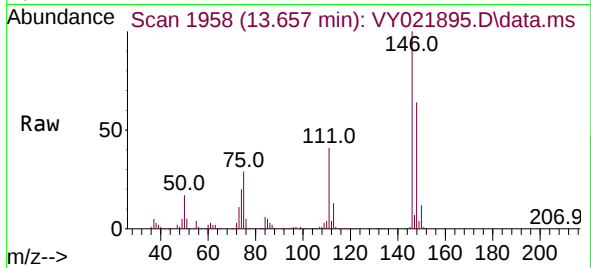




#91
1,2-Dichlorobenzene
Concen: 47.564 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

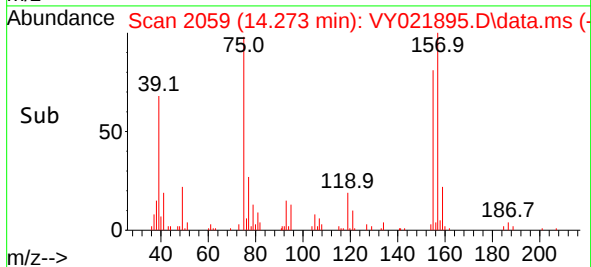
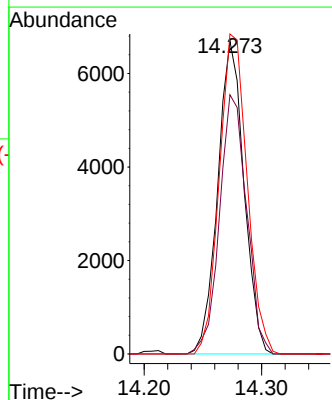
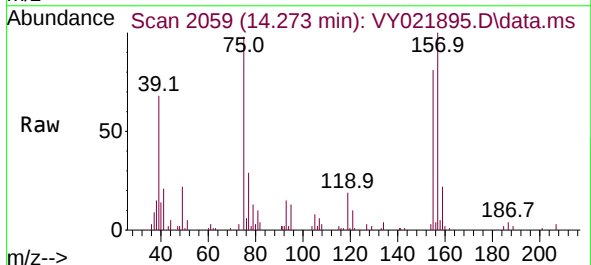
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MS

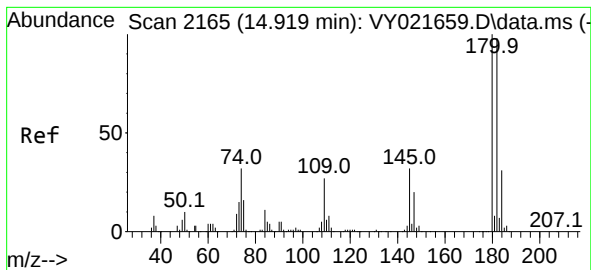
Tgt Ion:146 Resp: 170501
Ion Ratio Lower Upper
146 100
111 41.1 20.7 62.1
148 64.5 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.799 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021895.D
Acq: 15 Apr 2025 14:49

Tgt Ion: 75 Resp: 10382
Ion Ratio Lower Upper
75 100
155 85.4 43.0 128.8
157 108.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 47.057 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021895.D

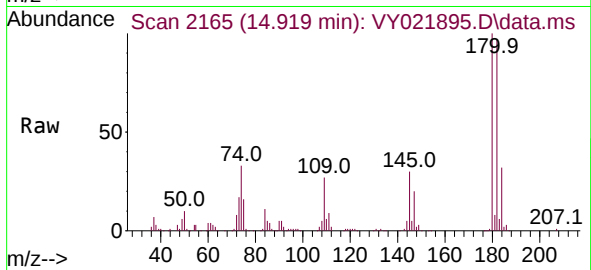
Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

S-872-G1-SO-20.0-20.5-041025MS



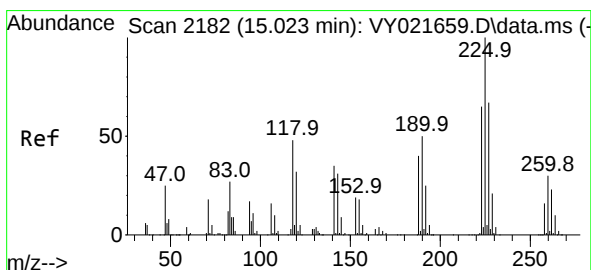
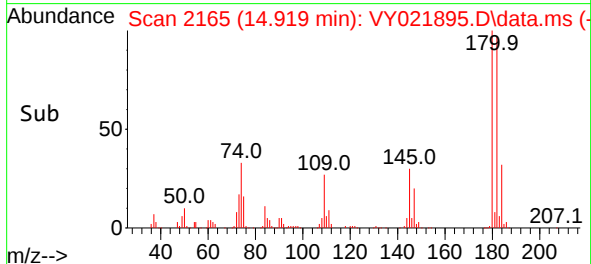
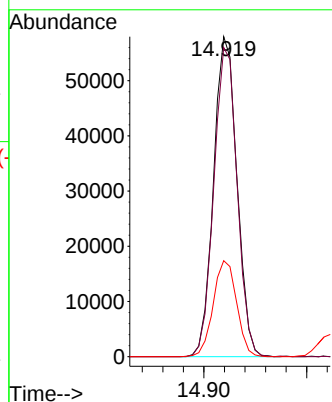
Tgt Ion:180 Resp: 91478

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.6

145 30.0 14.9 44.9



#94

Hexachlorobutadiene

Concen: 53.703 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

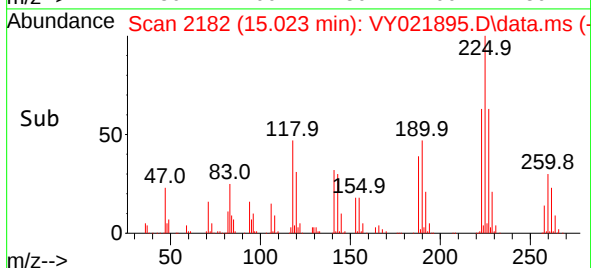
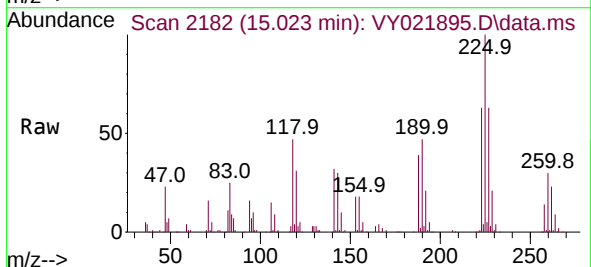
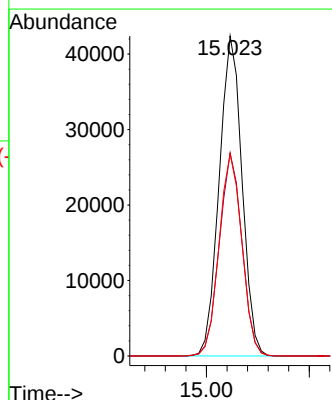
Tgt Ion:225 Resp: 65199

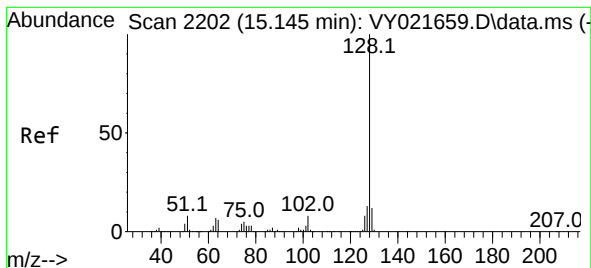
Ion Ratio Lower Upper

225 100

223 62.8 31.9 95.7

227 63.1 32.4 97.0





#95

Naphthalene

Concen: 46.309 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Instrument :

MSVOA_Y

ClientSampleId :

S-872-G1-SO-20.0-20.5-041025MS

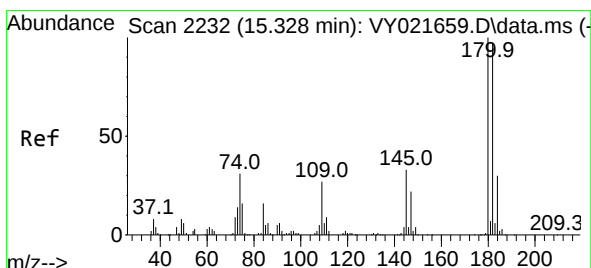
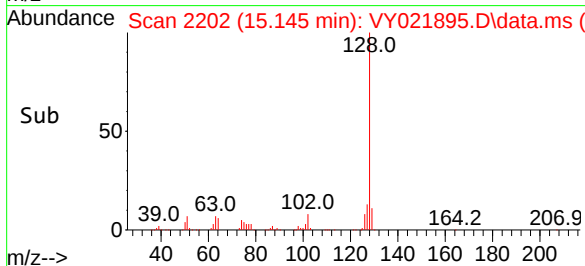
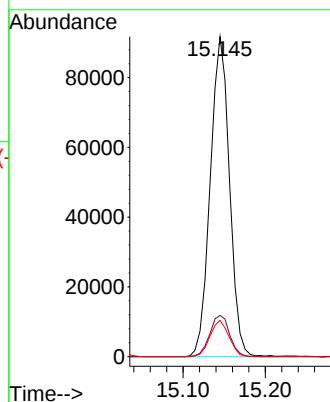
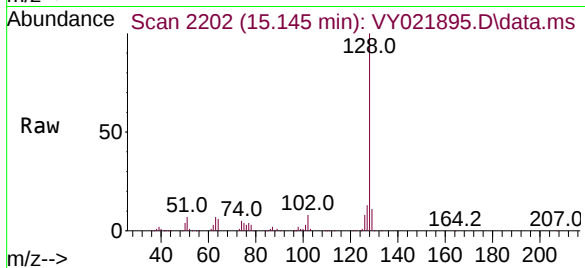
Tgt Ion:128 Resp: 149216

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 47.599 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021895.D

Acq: 15 Apr 2025 14:49

Tgt Ion:180 Resp: 78906

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

145 32.6 15.9 47.7

