

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021896.D
 Acq On : 15 Apr 2025 15:11
 Operator : SY/MD
 Sample : Q1790-03MSD
 Misc : 7.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Apr 16 03:02:44 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	7.713	168	125617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	191919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	178956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	98584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	72010	52.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.820%	
35) Dibromofluoromethane	7.634	113	67321	54.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.160%	
50) Toluene-d8	10.109	98	247087	52.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.340%	
62) 4-Bromofluorobenzene	12.408	95	88431	55.201	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.400%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	80689	61.974	ug/l	99
3) Chloromethane	2.068	50	100308	54.790	ug/l	99
4) Vinyl Chloride	2.202	62	119779	57.852	ug/l	99
5) Bromomethane	2.598	94	72458	51.311	ug/l	99
6) Chloroethane	2.732	64	73542	54.282	ug/l	98
7) Trichlorofluoromethane	3.056	101	166012	62.593	ug/l	95
8) Diethyl Ether	3.452	74	40100	55.596	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	94657	67.667	ug/l	98
10) Methyl Iodide	4.007	142	96841	63.104	ug/l	99
11) Tert butyl alcohol	4.872	59	22322	252.505	ug/l	99
12) 1,1-Dichloroethene	3.793	96	80167	60.843	ug/l	95
13) Acrolein	3.659	56	8838	54.752	ug/l	99
14) Allyl chloride	4.385	41	89540	42.622	ug/l	99
15) Acrylonitrile	5.061	53	86999	288.882	ug/l	99
16) Acetone	3.873	43	73349	263.326	ug/l	92
17) Carbon Disulfide	4.104	76	240563	55.432	ug/l	99
18) Methyl Acetate	4.385	43	54359	78.741	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	189488	57.764	ug/l	97
20) Methylene Chloride	4.616	84	94168	70.688	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	85413	58.876	ug/l	93
22) Diisopropyl ether	6.019	45	255521	57.982	ug/l	99
23) Vinyl Acetate	5.964	43	582548	225.962	ug/l	97
24) 1,1-Dichloroethane	5.915	63	157011	59.584	ug/l	100
25) 2-Butanone	6.896	43	109170	274.398	ug/l	96
26) 2,2-Dichloropropane	6.890	77	133576	56.986	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	161772	99.159	ug/l	93
28) Bromochloromethane	7.244	49	60501	54.440	ug/l	97
29) Tetrahydrofuran	7.262	42	68697	268.291	ug/l	98
30) Chloroform	7.421	83	160381	58.516	ug/l	100
31) Cyclohexane	7.701	56	145919	60.746	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	151519	61.166	ug/l	100
36) 1,1-Dichloropropene	7.835	75	118647	62.569	ug/l	98
37) Ethyl Acetate	6.982	43	49658	55.489	ug/l	99
38) Carbon Tetrachloride	7.817	117	142154	65.453	ug/l	99
39) Methylcyclohexane	9.109	83	159575	70.444	ug/l	99
40) Benzene	8.079	78	348429	61.356	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	28813	60.625	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	95605	59.718	ug/l	98
43) Isopropyl Acetate	8.195	43	97435	57.452	ug/l #	84
44) Trichloroethene	8.866	130	162112	112.040	ug/l	99
45) 1,2-Dichloropropane	9.140	63	81861	60.899	ug/l	98
46) Dibromomethane	9.231	93	47620	61.469	ug/l	99
47) Bromodichloromethane	9.426	83	122527	61.038	ug/l	98
48) Methyl methacrylate	9.219	41	46621	59.896	ug/l	100
49) 1,4-Dioxane	9.231	88	9655	1163.394	ug/l	90
51) 4-Methyl-2-Pentanone	9.999	43	262459	297.383	ug/l	99
52) Toluene	10.170	92	218888	61.779	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	106171	59.546	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	124081	58.989	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	62260	62.451	ug/l	98
56) Ethyl methacrylate	10.438	69	77724	61.056	ug/l	96
57) 1,3-Dichloropropane	10.719	76	105196	61.097	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	204684	329.602	ug/l	98
59) 2-Hexanone	10.762	43	169687	288.695	ug/l	99
60) Dibromochloromethane	10.914	129	87251	64.101	ug/l	99
61) 1,2-Dibromoethane	11.012	107	57114	61.071	ug/l	96
64) Tetrachloroethene	10.646	164	110011	67.496	ug/l	100
65) Chlorobenzene	11.438	112	234749	57.224	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	84022	57.728	ug/l	97
67) Ethyl Benzene	11.518	91	409824	58.259	ug/l	98
68) m/p-Xylenes	11.627	106	318312	118.169	ug/l	99
69) o-Xylene	11.956	106	148326	59.653	ug/l	99
70) Styrene	11.969	104	246680	59.501	ug/l	99
71) Bromoform	12.133	173	50713	61.083	ug/l	99
73) Isopropylbenzene	12.255	105	406242	55.481	ug/l	99
74) N-amyl acetate	12.072	43	84238	49.020	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	67139	51.000	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	92485	94.641	ug/l #	100
77) Bromobenzene	12.530	156	94427	53.711	ug/l	97
78) n-propylbenzene	12.597	91	490327	55.700	ug/l	99
79) 2-Chlorotoluene	12.682	91	274483	53.684	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	327480	54.722	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	20024	47.214	ug/l	96
82) 4-Chlorotoluene	12.779	91	281320	52.776	ug/l	99
83) tert-Butylbenzene	12.999	119	303077	56.860	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	331069	55.974	ug/l	99
85) sec-Butylbenzene	13.176	105	452912	58.143	ug/l	100
86) p-Isopropyltoluene	13.292	119	371295	57.671	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	186413	53.819	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	184578	53.936	ug/l	99
89) n-Butylbenzene	13.615	91	338751	56.894	ug/l	100
90) Hexachloroethane	13.883	117	78405	55.573	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	166819	55.326	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	11257	55.171	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	93351	57.091	ug/l	99
94) Hexachlorobutadiene	15.023	225	62755	61.453	ug/l	99
95) Naphthalene	15.145	128	162339	59.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	81664	58.568	ug/l	98

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QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

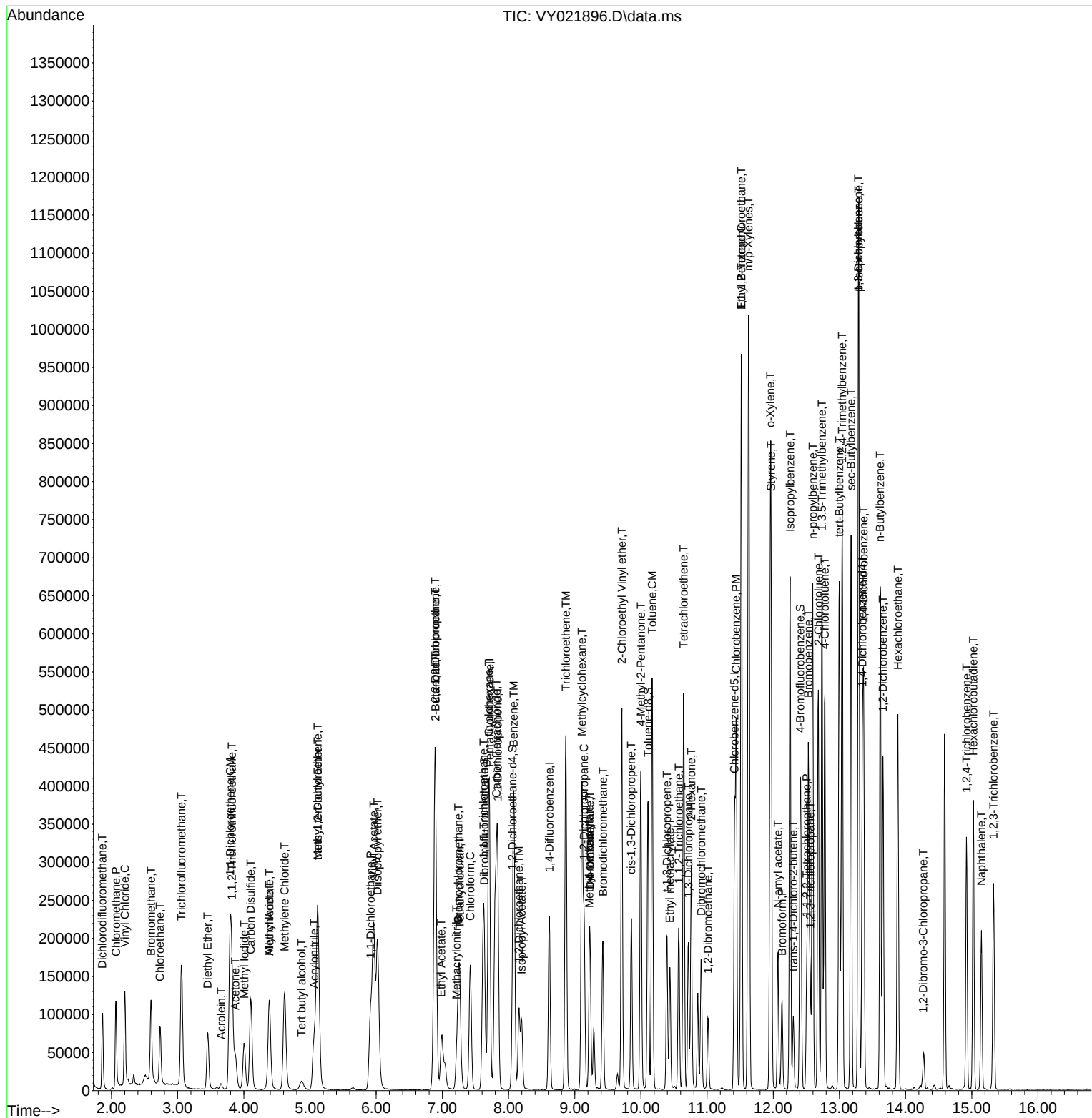
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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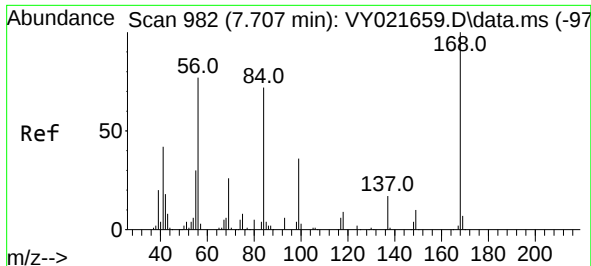
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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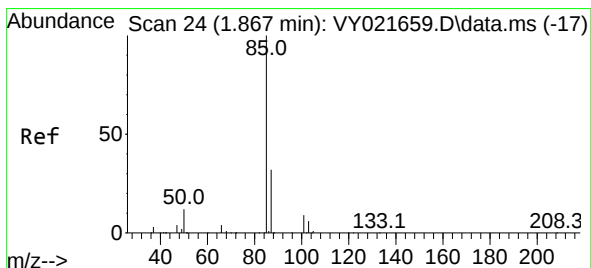
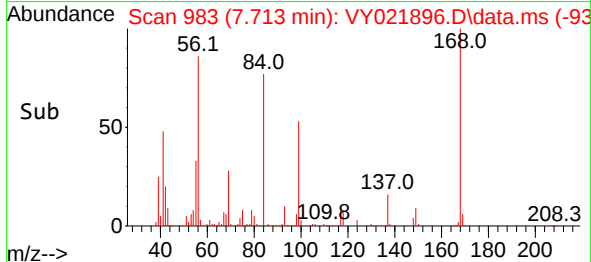
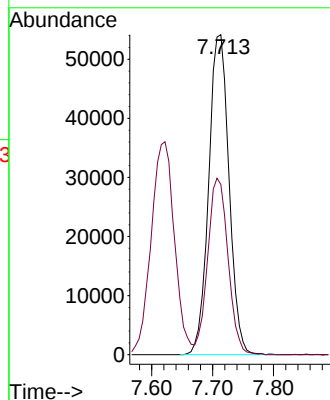
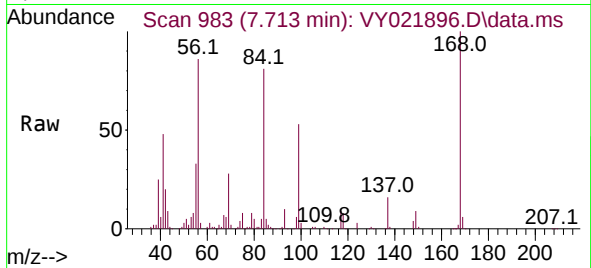




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021896.D
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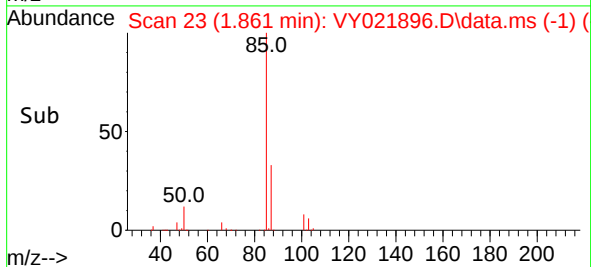
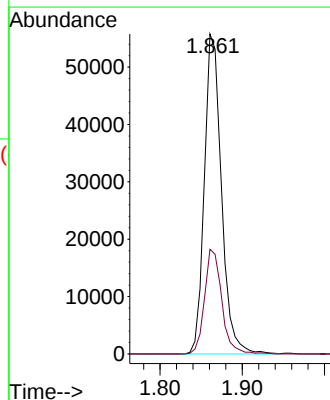
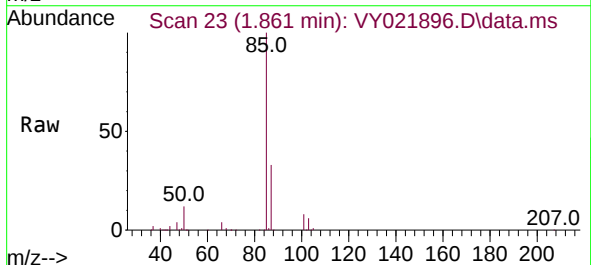
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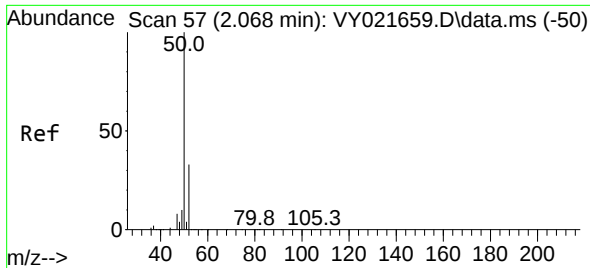
Tgt Ion:168 Resp: 125617
Ion Ratio Lower Upper
168 100
99 53.2 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 61.974 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 85 Resp: 80689
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6

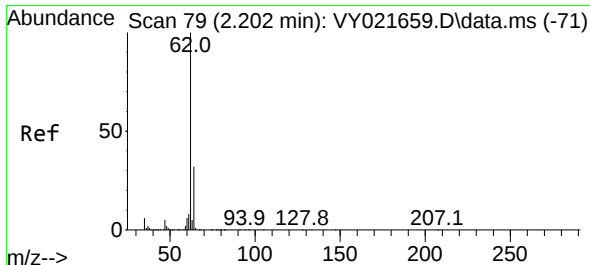
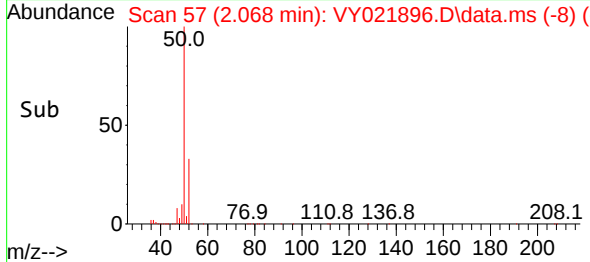
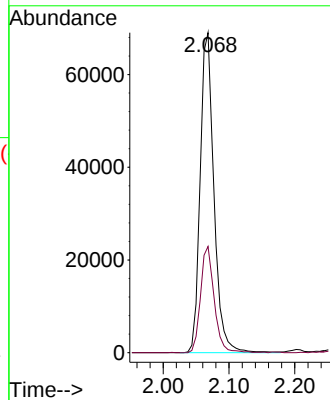
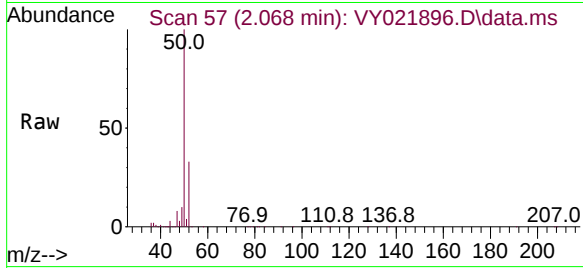




#3
Chloromethane
Concen: 54.790 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

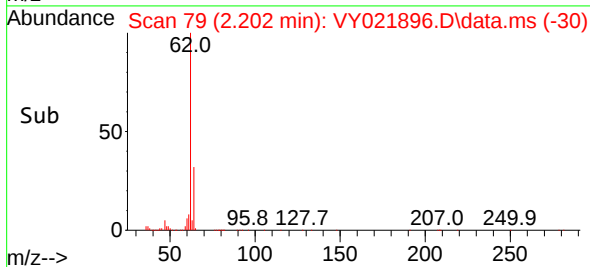
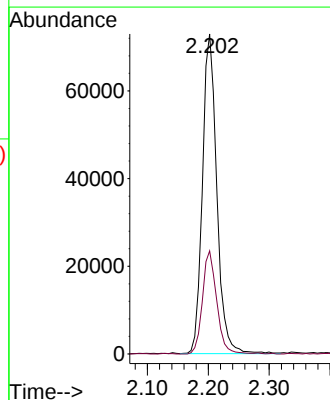
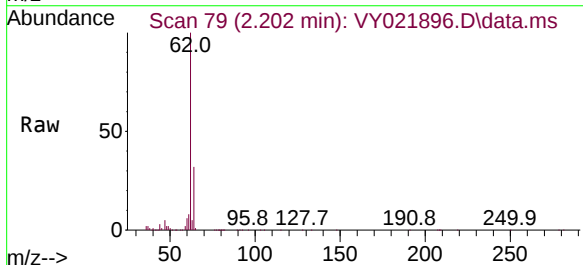
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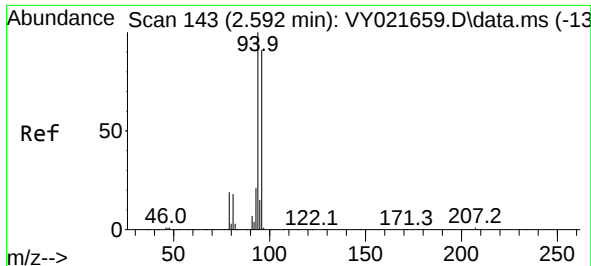
Tgt Ion: 50 Resp: 100308
Ion Ratio Lower Upper
50 100
52 33.2 26.3 39.5



#4
Vinyl Chloride
Concen: 57.852 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 62 Resp: 119779
Ion Ratio Lower Upper
62 100
64 32.2 25.5 38.3

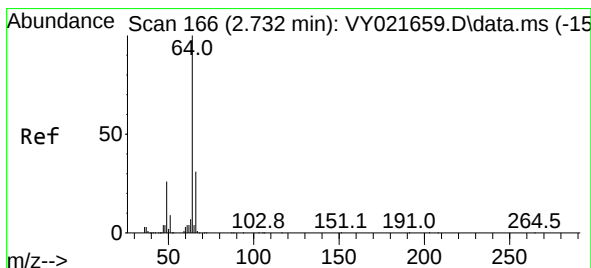
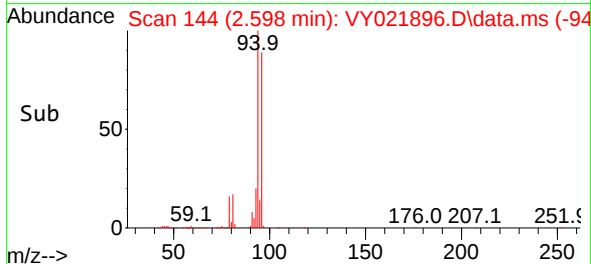
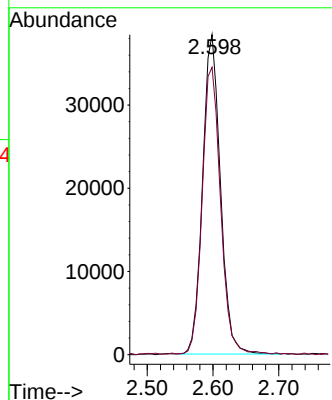
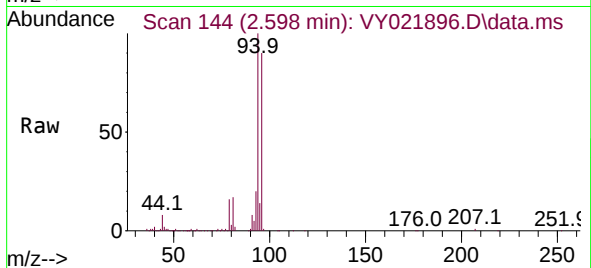




#5
Bromomethane
Concen: 51.311 ug/l
RT: 2.598 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

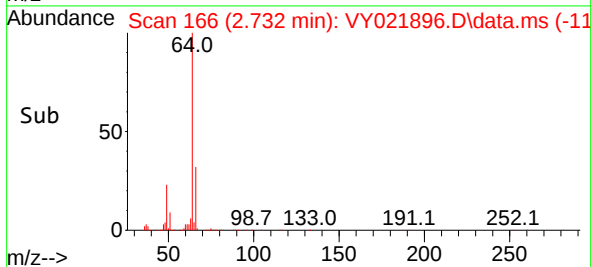
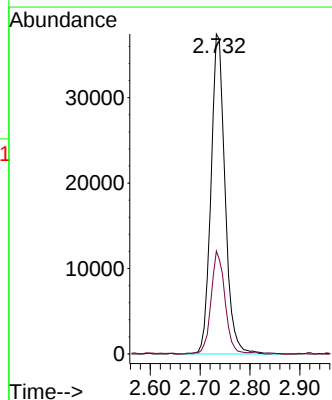
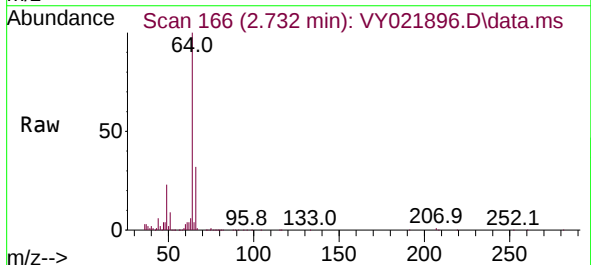
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Tgt Ion: 94 Resp: 72458
Ion Ratio Lower Upper
94 100
96 89.7 72.8 109.2



#6
Chloroethane
Concen: 54.282 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021896.D
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Tgt Ion: 64 Resp: 73542
Ion Ratio Lower Upper
64 100
66 32.1 24.9 37.3

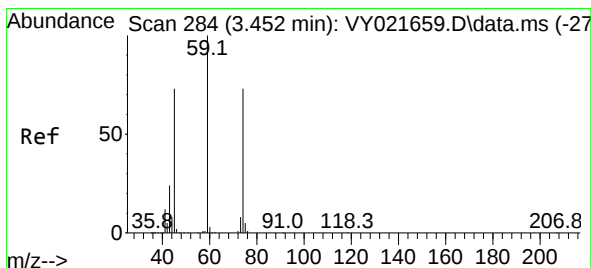
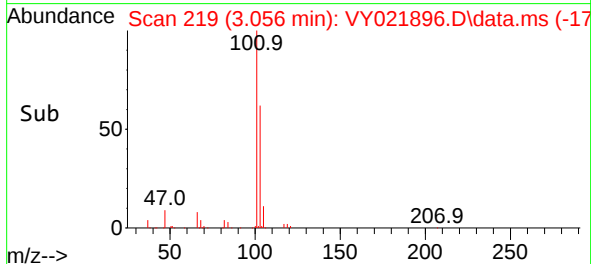
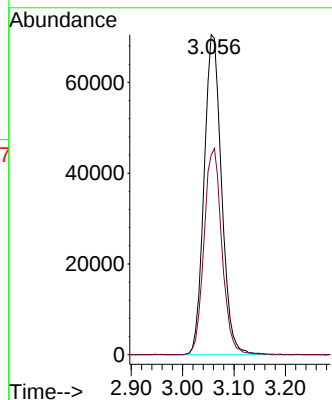
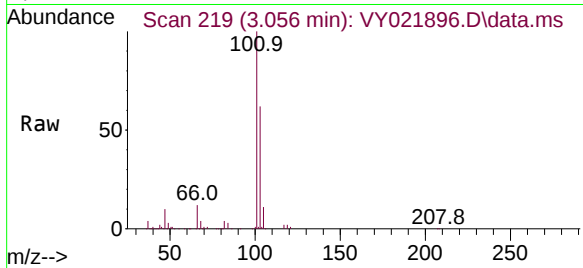




#7
 Trichlorofluoromethane
 Concen: 62.593 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021896.D
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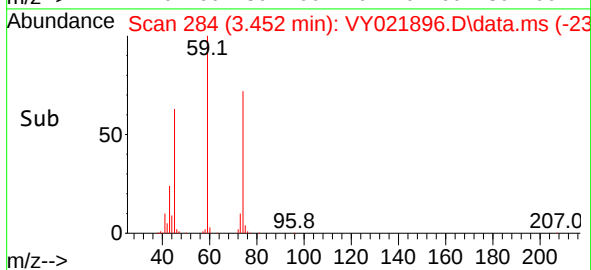
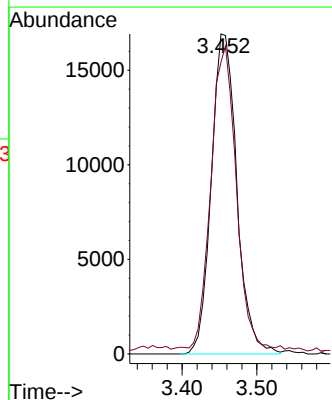
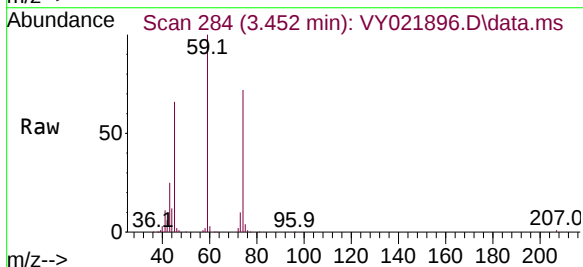
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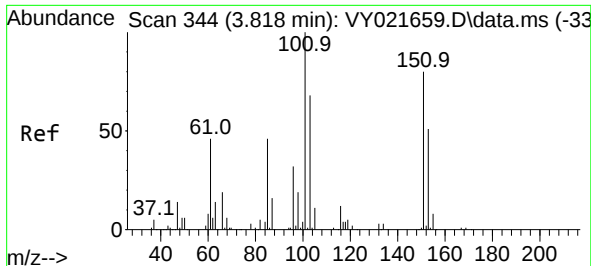
Tgt Ion:101 Resp: 166012
 Ion Ratio Lower Upper
 101 100
 103 62.5 53.1 79.7



#8
 Diethyl Ether
 Concen: 55.596 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 40100
 Ion Ratio Lower Upper
 74 100
 45 96.5 48.6 145.8

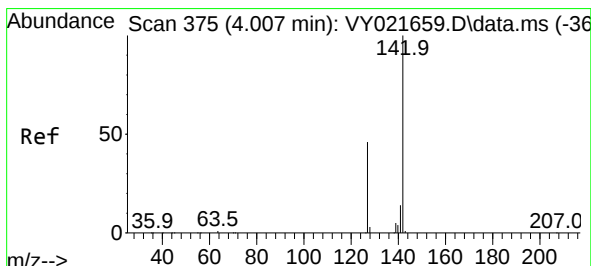
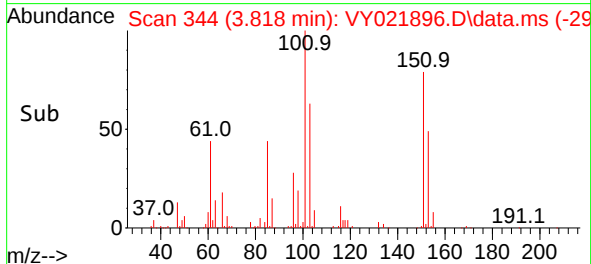
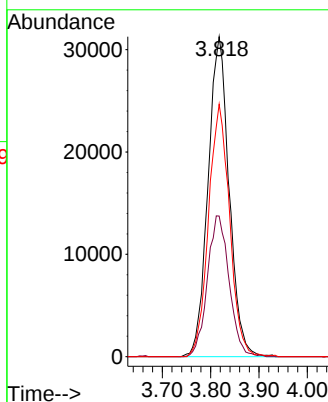
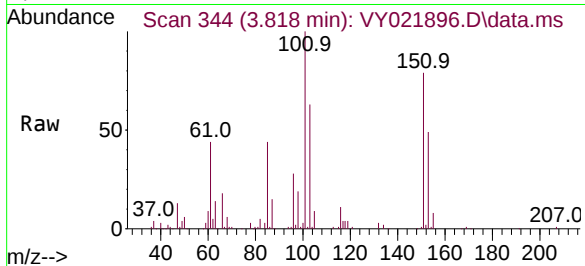




#9
1,1,2-Trichlorotrifluoroethane
Concen: 67.667 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

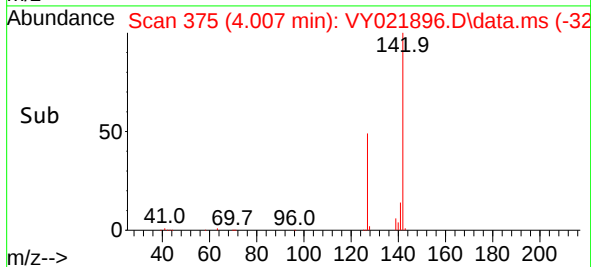
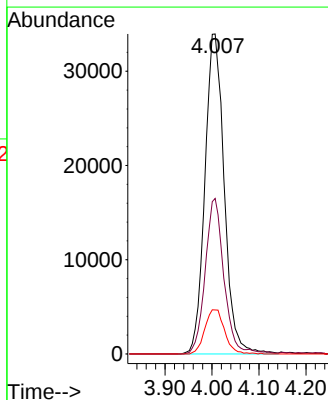
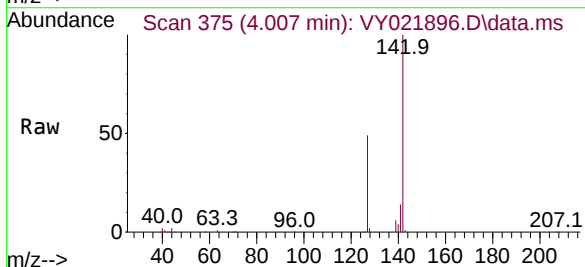
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

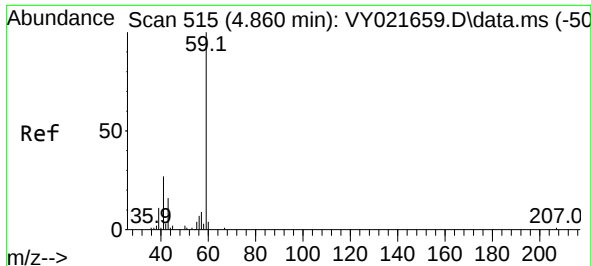
Tgt Ion:101 Resp: 94657
Ion Ratio Lower Upper
101 100
85 45.4 36.3 54.5
151 78.8 61.3 91.9



#10
Methyl Iodide
Concen: 63.104 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion:142 Resp: 96841
Ion Ratio Lower Upper
142 100
127 47.3 38.7 58.1
141 14.1 11.5 17.3

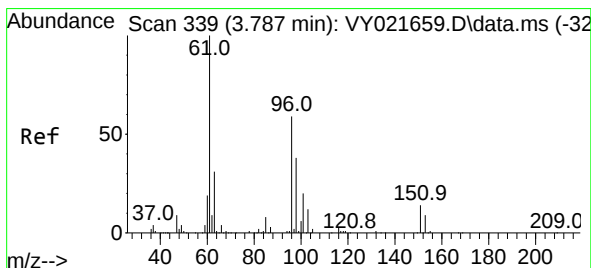
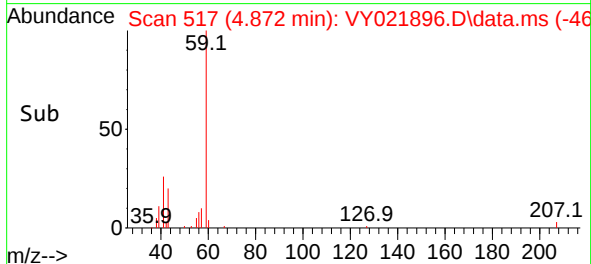
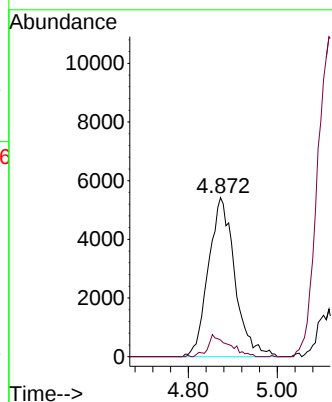
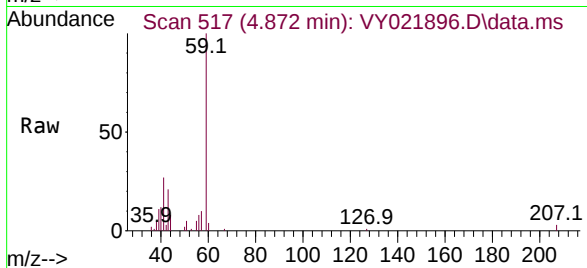




#11
Tert butyl alcohol
Concen: 252.505 ug/l
RT: 4.872 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

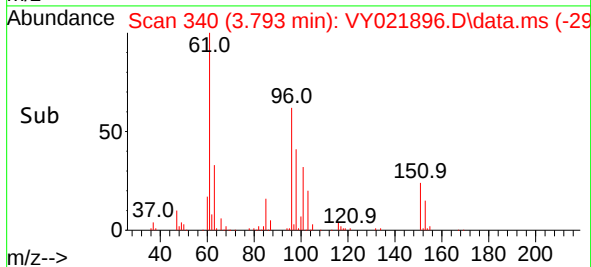
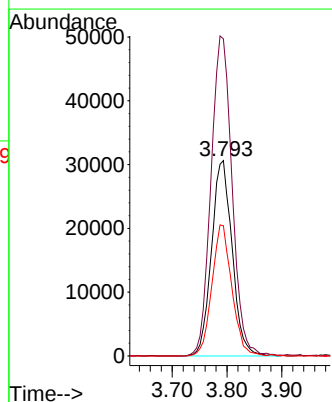
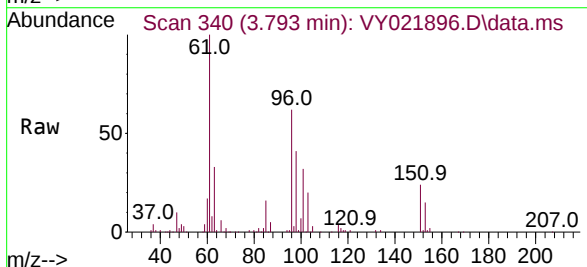
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

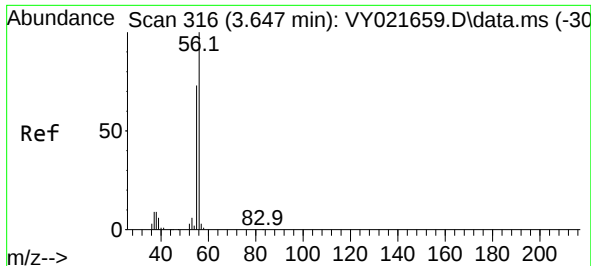
Tgt Ion: 59 Resp: 22322
Ion Ratio Lower Upper
59 100
57 11.1 9.2 13.8



#12
1,1-Dichloroethene
Concen: 60.843 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 96 Resp: 80167
Ion Ratio Lower Upper
96 100
61 162.3 136.6 204.8
98 66.6 52.3 78.5

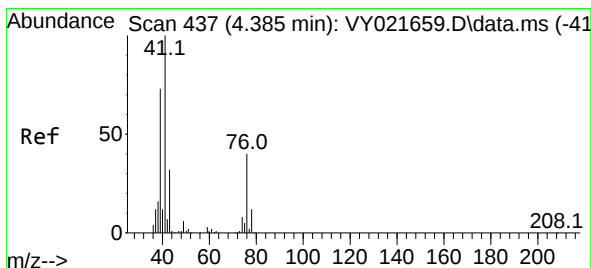
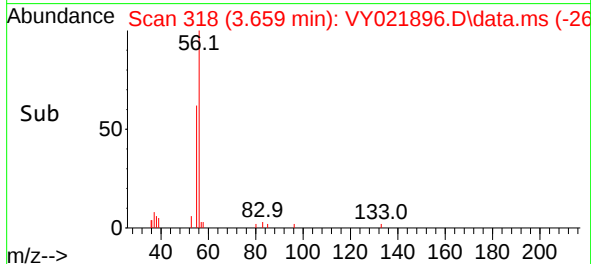
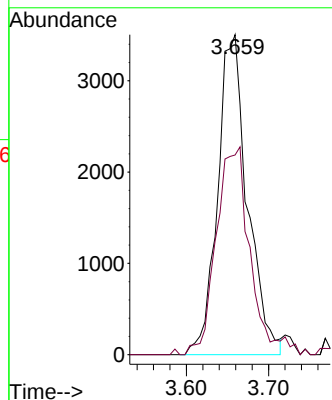
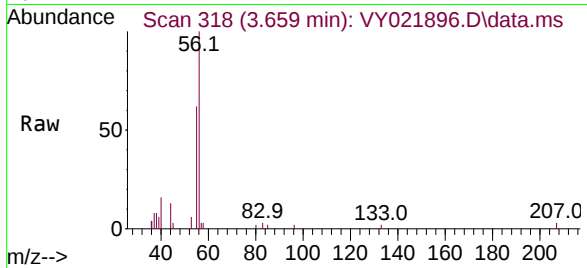




#13
Acrolein
Concen: 54.752 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

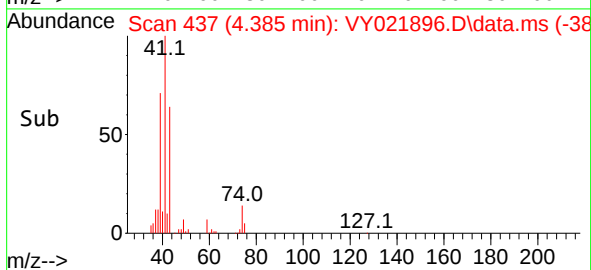
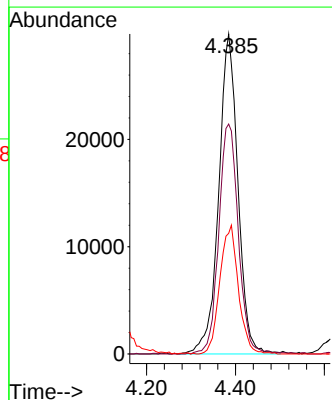
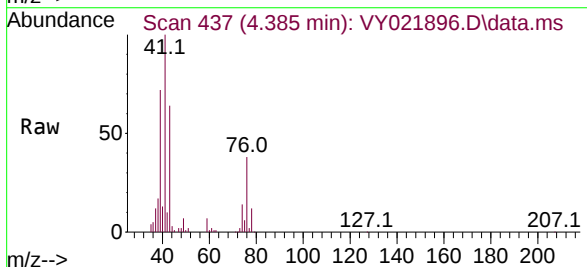
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

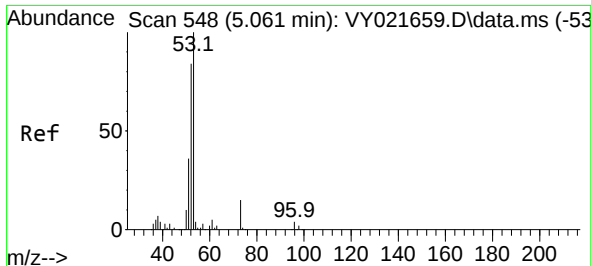
Tgt Ion: 56 Resp: 8838
Ion Ratio Lower Upper
56 100
55 71.8 56.6 85.0



#14
Allyl chloride
Concen: 42.622 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 41 Resp: 89540
Ion Ratio Lower Upper
41 100
39 73.1 58.6 88.0
76 38.8 30.3 45.5

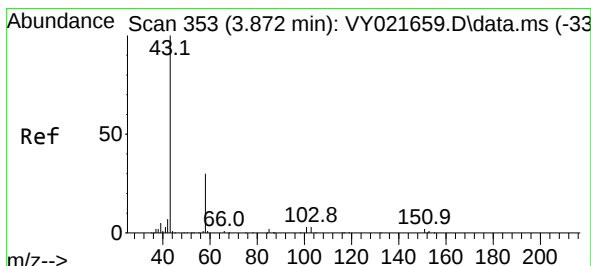
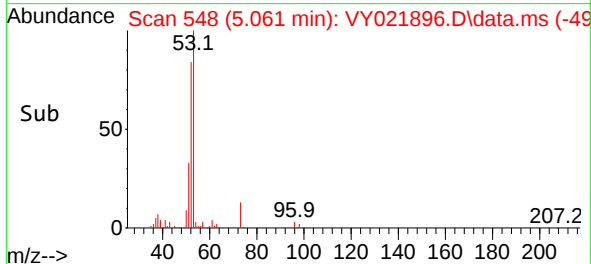
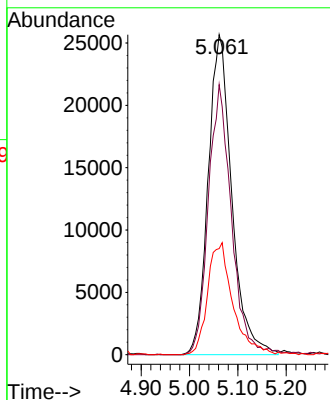
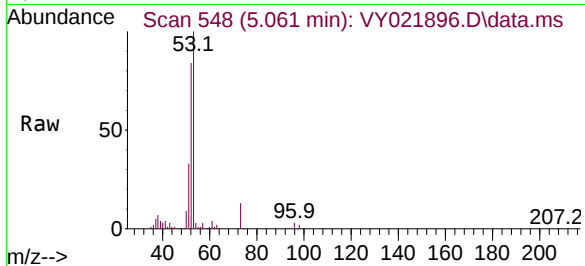




#15
Acrylonitrile
Concen: 288.882 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

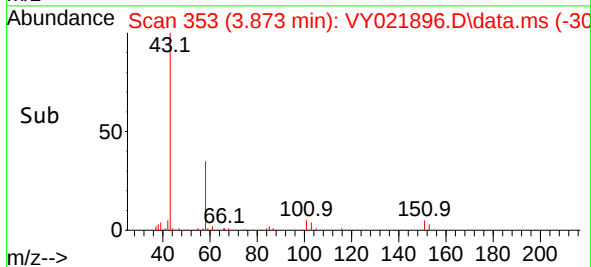
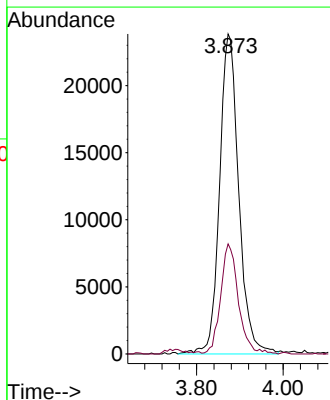
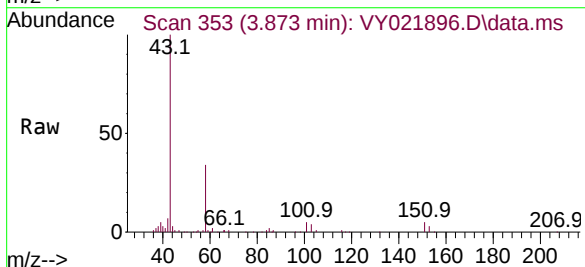
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

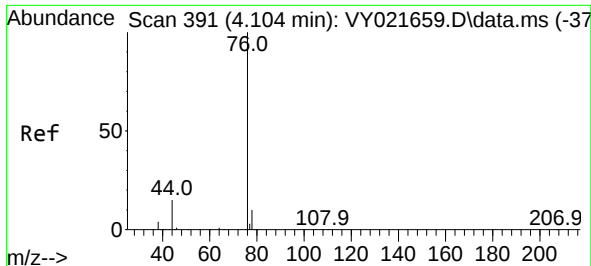
Tgt Ion: 53	Resp:	86999
Ion	Ratio	Lower Upper
53	100	
52	82.6	64.9 97.3
51	37.3	30.2 45.2



#16
Acetone
Concen: 263.326 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 43	Resp:	73349
Ion	Ratio	Lower Upper
43	100	
58	34.4	24.2 36.4

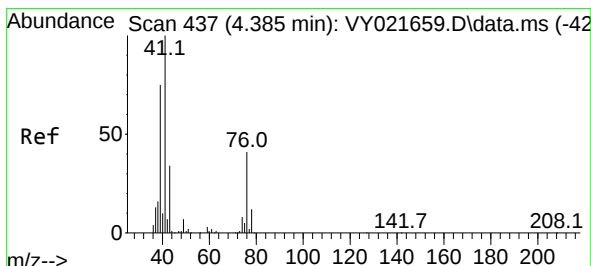
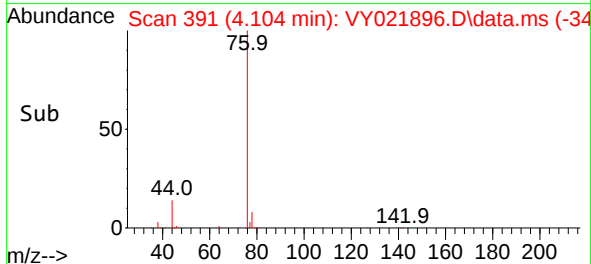
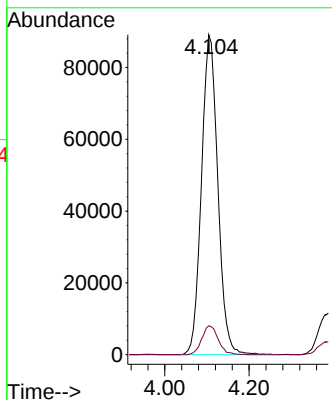
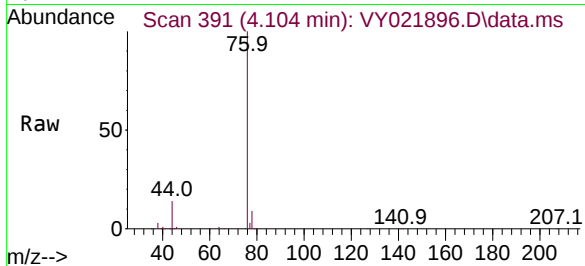




#17
Carbon Disulfide
Concen: 55.432 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

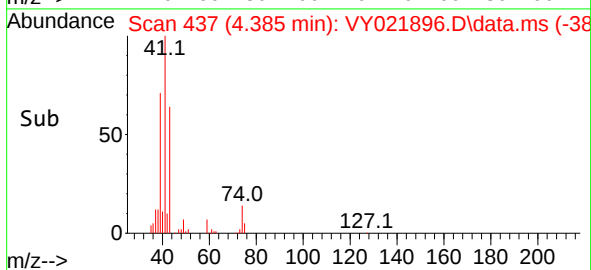
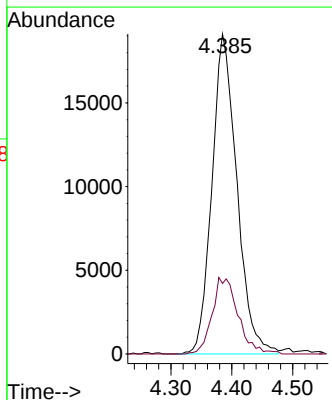
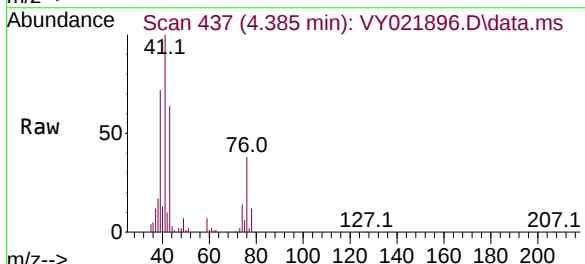
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

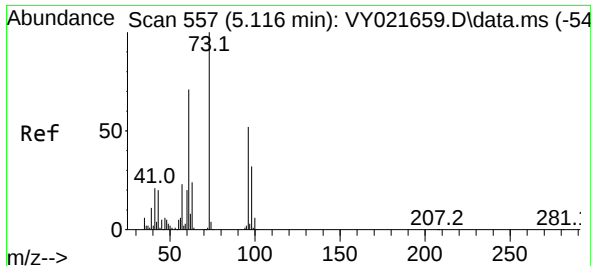
Tgt Ion: 76 Resp: 240563
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 78.741 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 43 Resp: 54359
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7





#19

Methyl tert-butyl Ether

Concen: 57.764 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

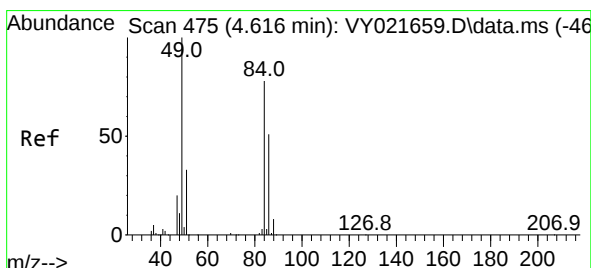
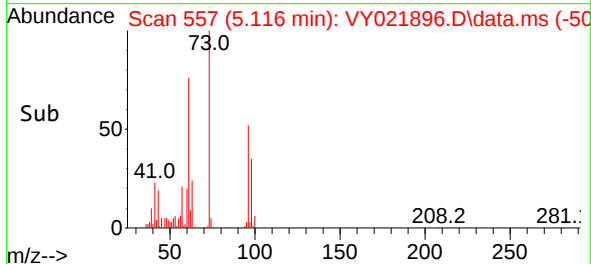
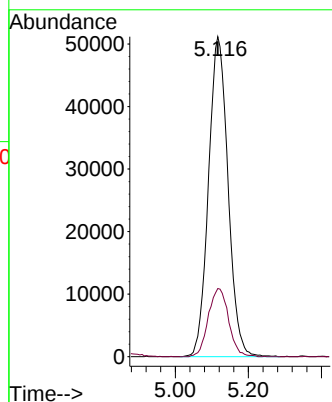
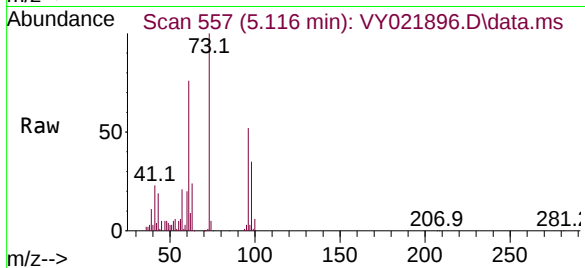
S-872-G1-SO-20.0-20.5-041025MSD

Tgt Ion: 73 Resp: 189488

Ion Ratio Lower Upper

73 100

57 21.3 18.1 27.1



#20

Methylene Chloride

Concen: 70.688 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Tgt Ion: 84 Resp: 94168

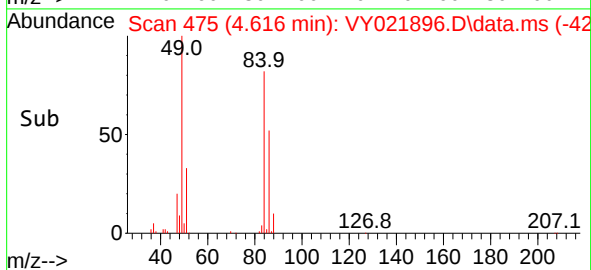
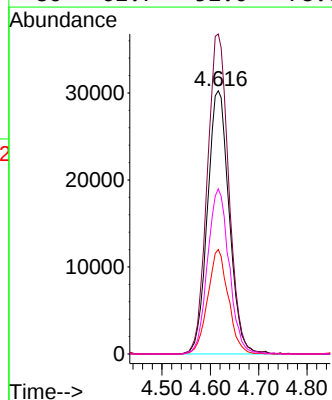
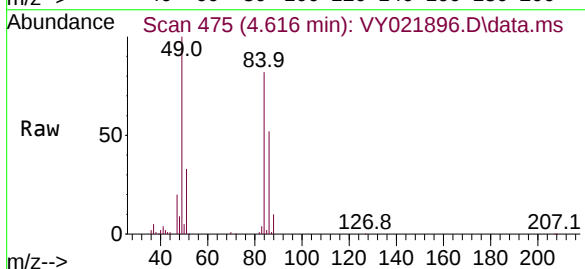
Ion Ratio Lower Upper

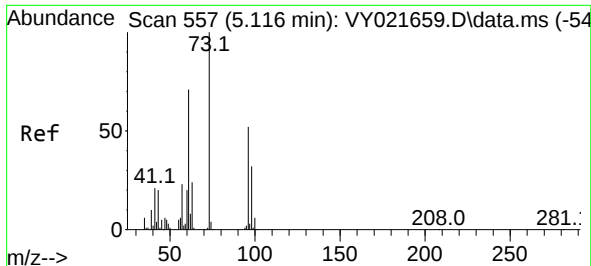
84 100

49 121.6 102.8 154.2

51 39.7 33.5 50.3

86 62.7 52.0 78.0

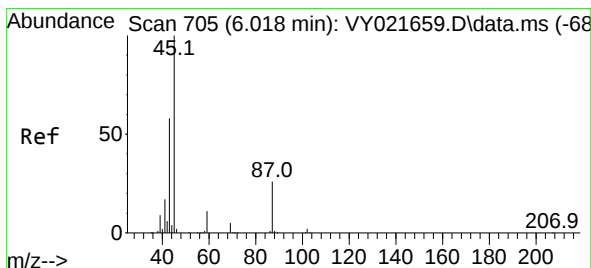
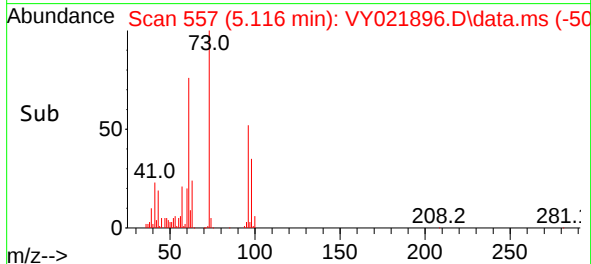
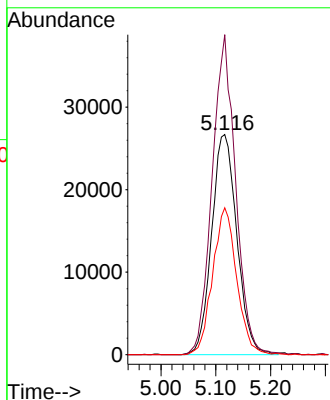
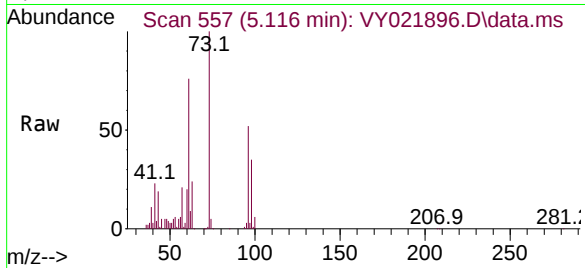




#21
trans-1,2-Dichloroethene
Concen: 58.876 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

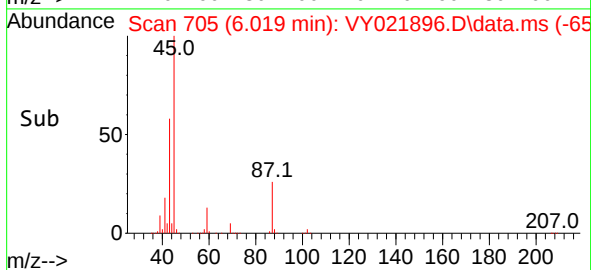
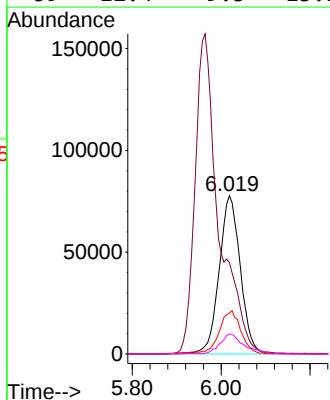
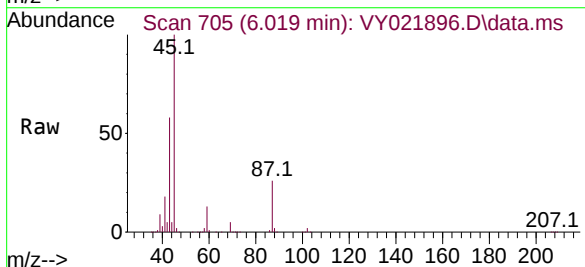
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

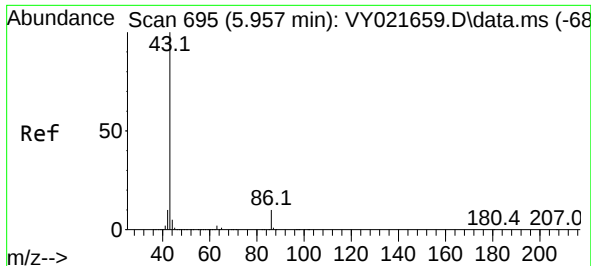
Tgt Ion: 96 Resp: 85413
Ion Ratio Lower Upper
96 100
61 145.3 109.4 164.0
98 66.7 50.2 75.2



#22
Diisopropyl ether
Concen: 57.982 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 45 Resp: 255521
Ion Ratio Lower Upper
45 100
43 57.1 46.6 69.8
87 25.8 20.7 31.1
59 12.4 9.3 13.9

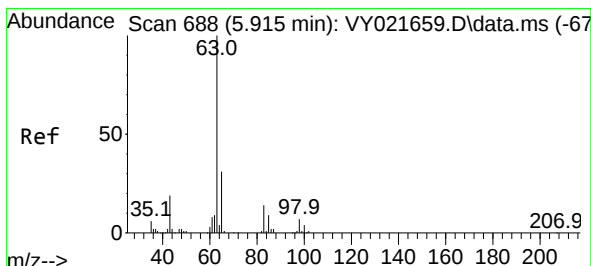
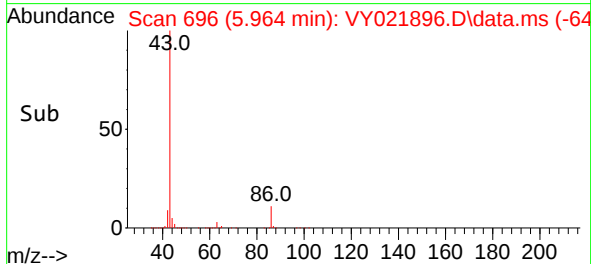
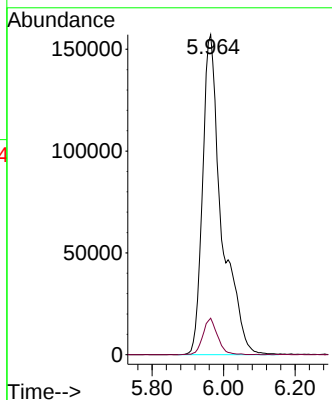
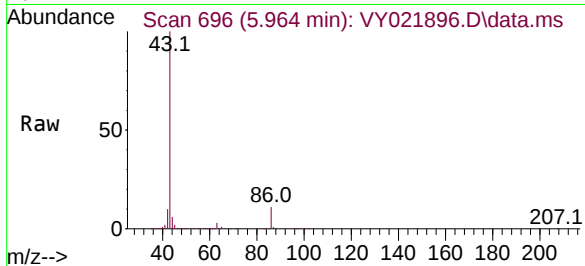




#23
 Vinyl Acetate
 Concen: 225.962 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY021896.D
 Acq: 15 Apr 2025 15:11

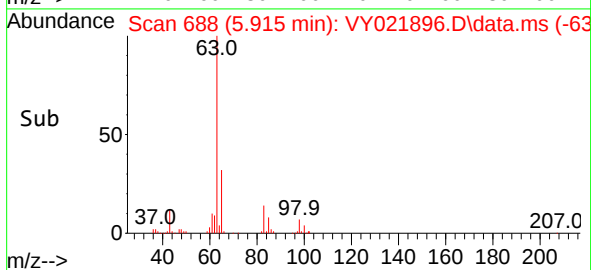
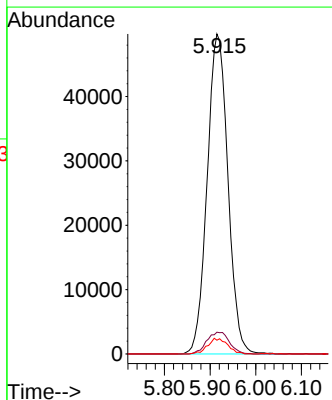
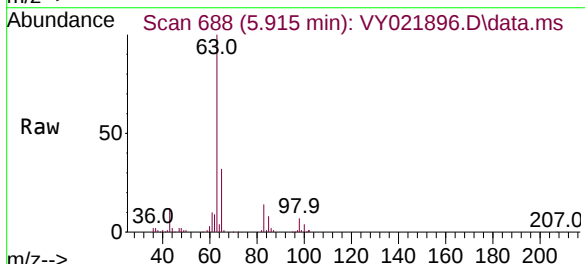
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-872-G1-SO-20.0-20.5-041025MSD

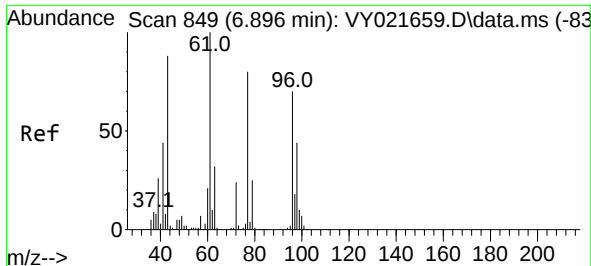
Tgt Ion: 43 Resp: 582548
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 59.584 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY021896.D
 Acq: 15 Apr 2025 15:11

Tgt Ion: 63 Resp: 157011
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.5
 100 4.3 2.2 6.6

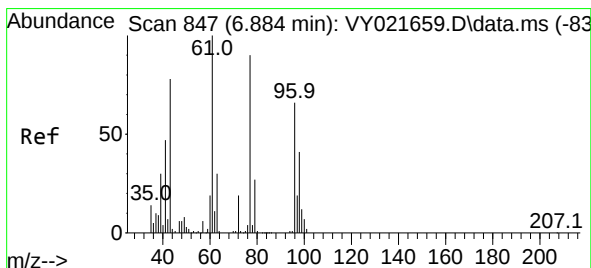
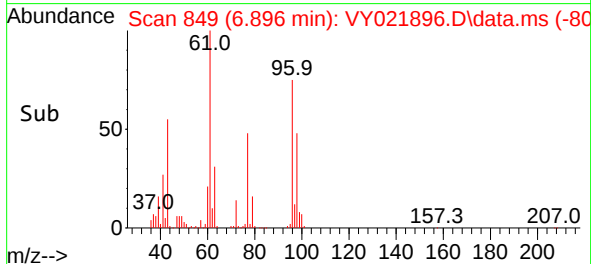
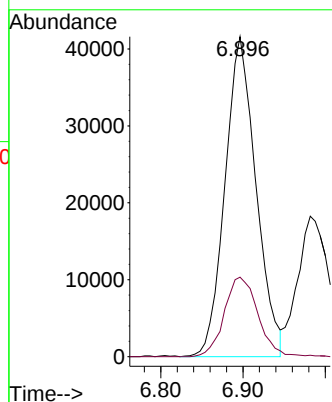
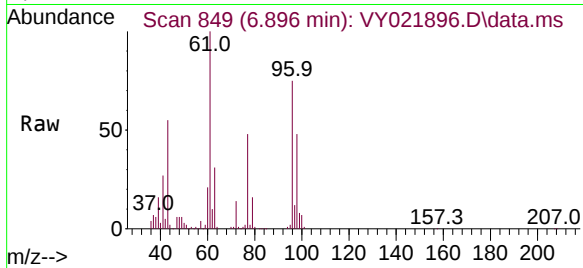




#25
2-Butanone
Concen: 274.398 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

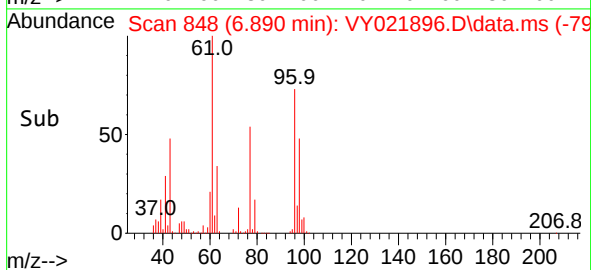
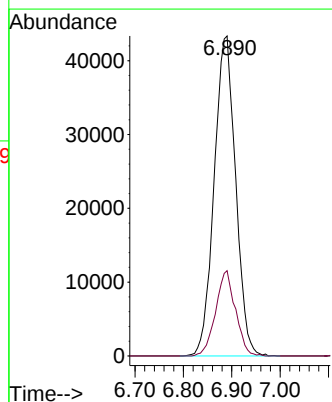
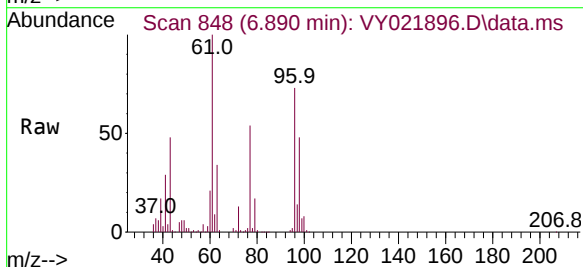
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

Tgt Ion: 43 Resp: 109170
Ion Ratio Lower Upper
43 100
72 24.9 21.4 32.2



#26
2,2-Dichloropropane
Concen: 56.986 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 77 Resp: 133576
Ion Ratio Lower Upper
77 100
97 24.7 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 99.159 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

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

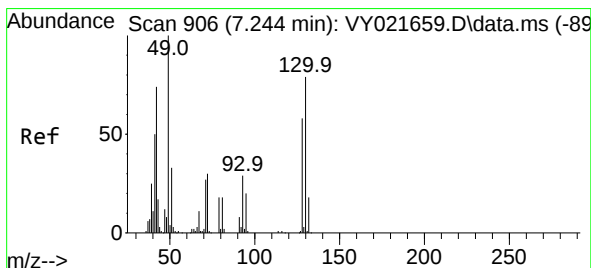
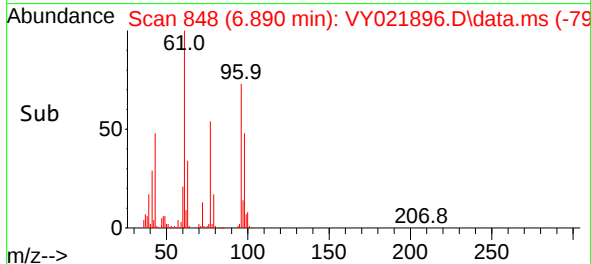
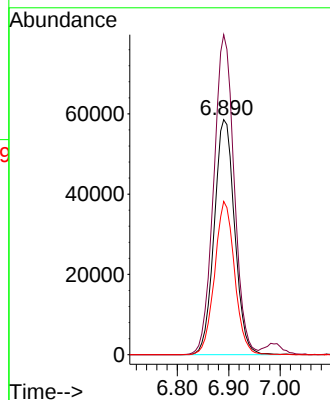
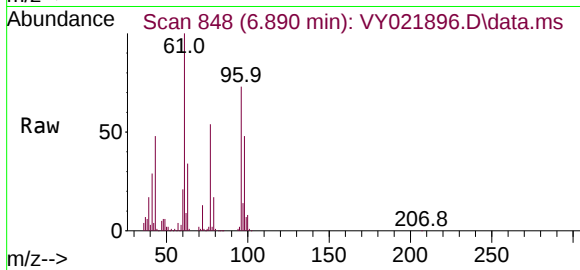
Tgt Ion: 96 Resp: 161772

Ion Ratio Lower Upper

96 100

61 136.3 0.0 296.4

98 63.8 0.0 128.0



#28

Bromochloromethane

Concen: 54.440 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

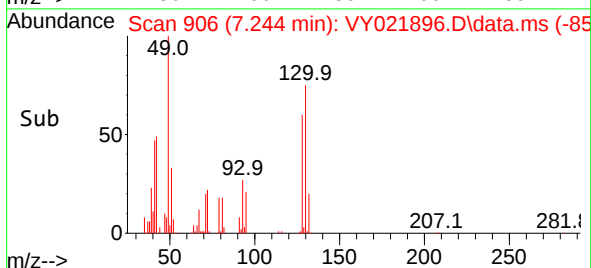
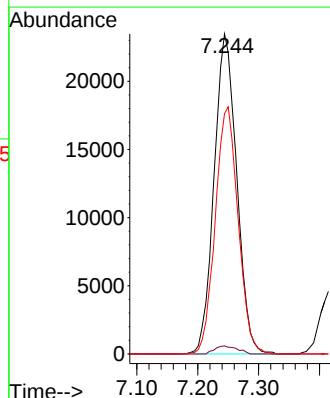
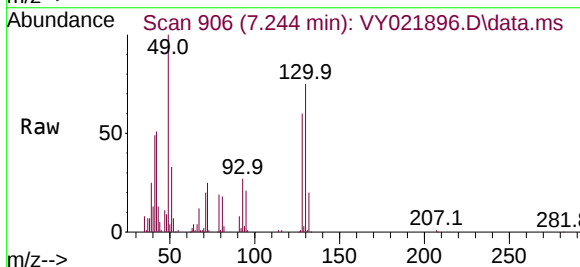
Tgt Ion: 49 Resp: 60501

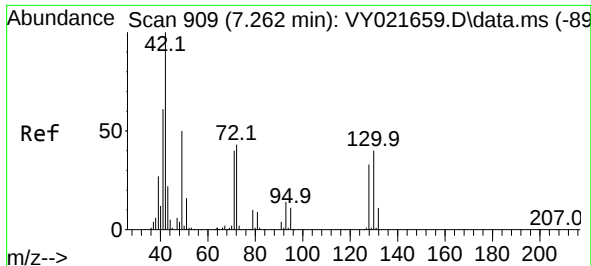
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.4

130 77.9 60.1 90.1





#29

Tetrahydrofuran

Concen: 268.291 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021896.D

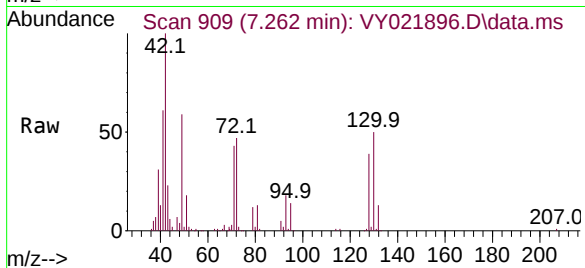
Acq: 15 Apr 2025 15:11

Instrument :

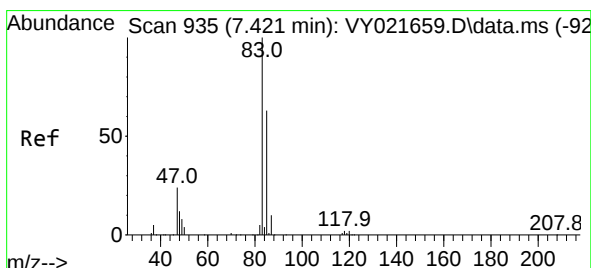
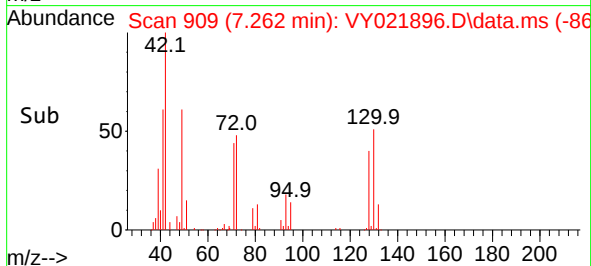
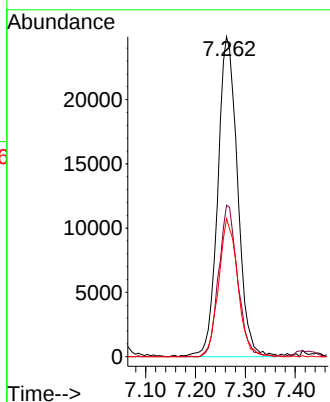
MSVOA_Y

ClientSampleId :

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



Tgt Ion:	42	Resp:	68697
Ion Ratio	Lower	Upper	
42	100		
72	45.2	34.6	52.0
71	41.8	32.5	48.7



#30

Chloroform

Concen: 58.516 ug/l

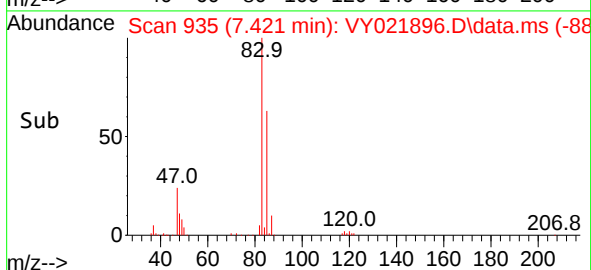
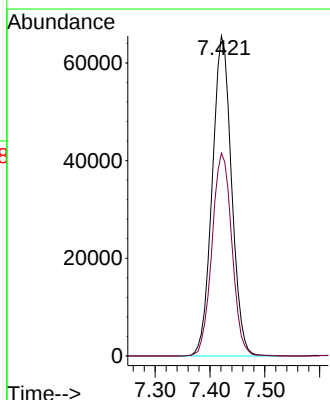
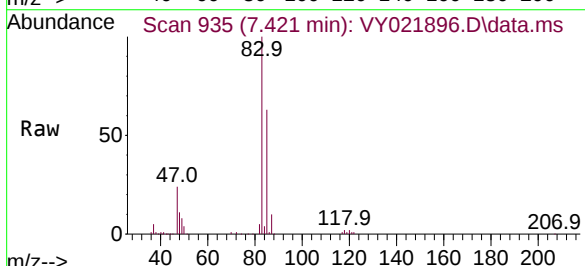
RT: 7.421 min Scan# 935

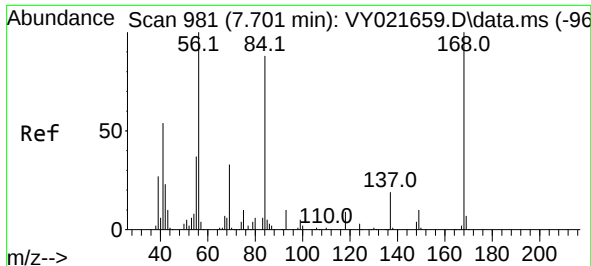
Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Tgt Ion:	83	Resp:	160381
Ion Ratio	Lower	Upper	
83	100		
85	63.4	50.6	75.8

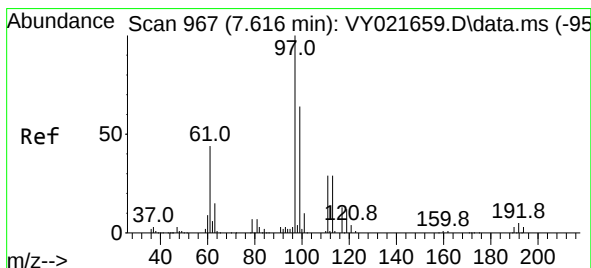
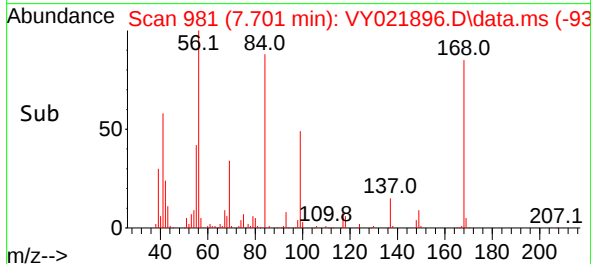
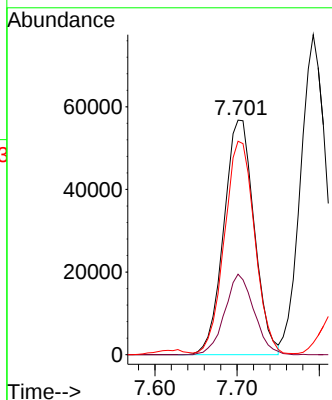
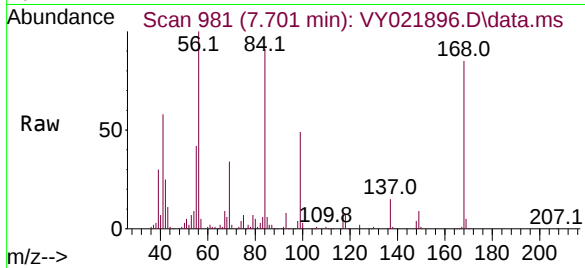




#31
Cyclohexane
Concen: 60.746 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

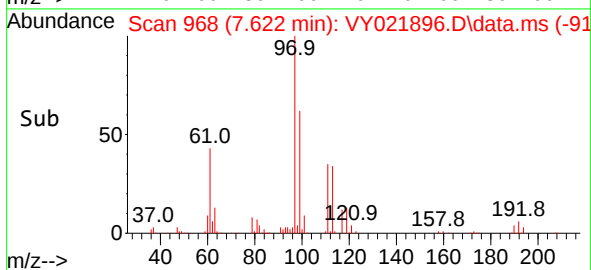
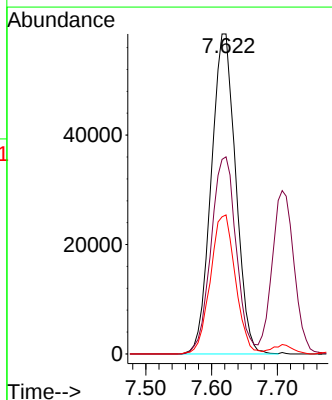
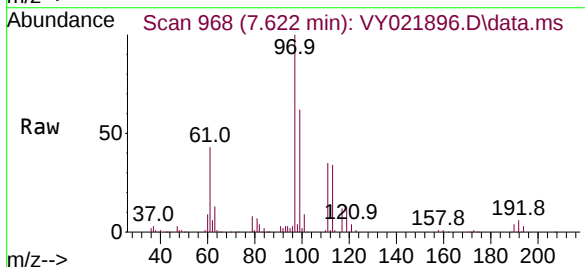
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

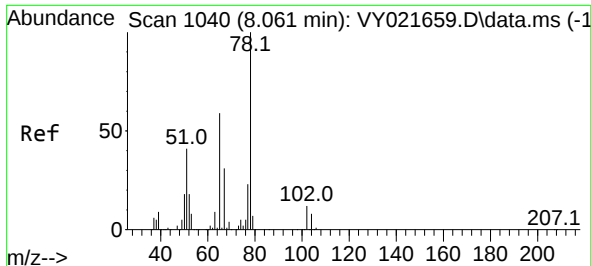
Tgt Ion: 56 Resp: 145919
Ion Ratio Lower Upper
56 100
69 34.3 26.6 40.0
84 88.8 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 61.166 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 97 Resp: 151519
Ion Ratio Lower Upper
97 100
99 63.6 50.7 76.1
61 44.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.909 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

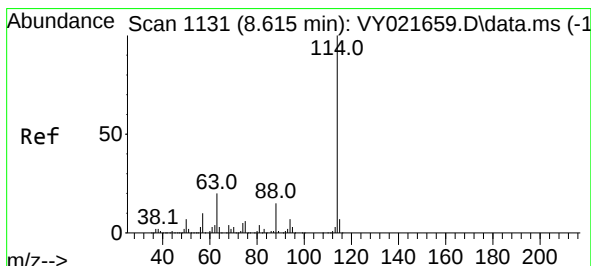
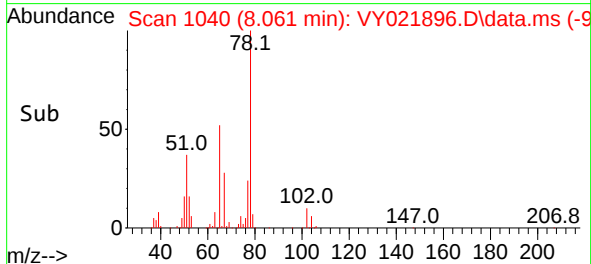
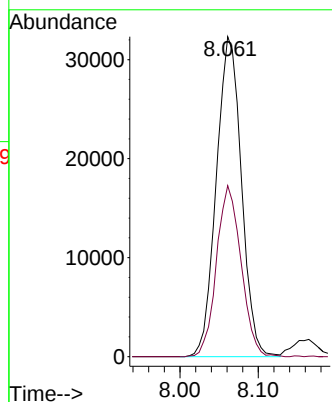
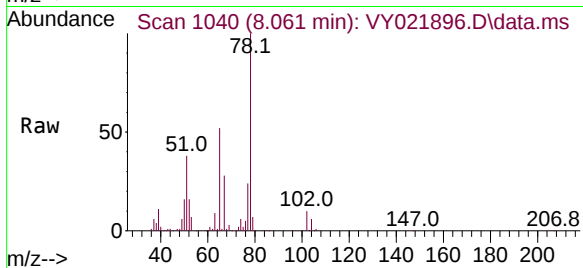
S-872-G1-SO-20.0-20.5-041025MSD

Tgt Ion: 65 Resp: 72010

Ion Ratio Lower Upper

65 100

67 52.3 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: VY021896.D

Acq: 15 Apr 2025 15:11

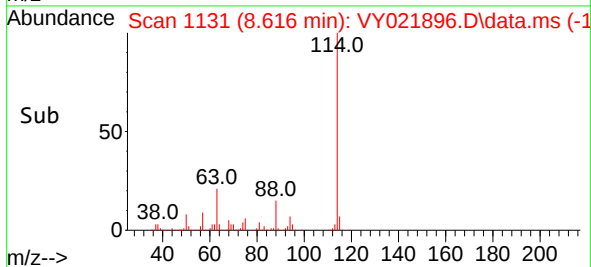
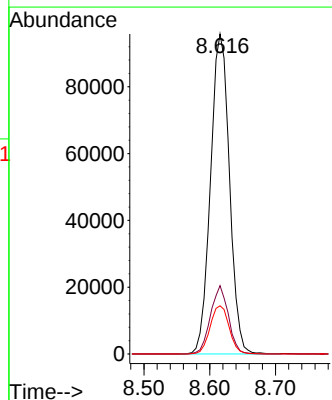
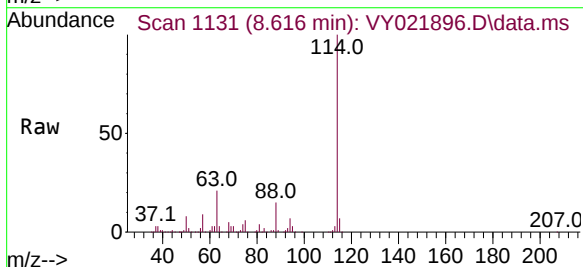
Tgt Ion: 114 Resp: 191919

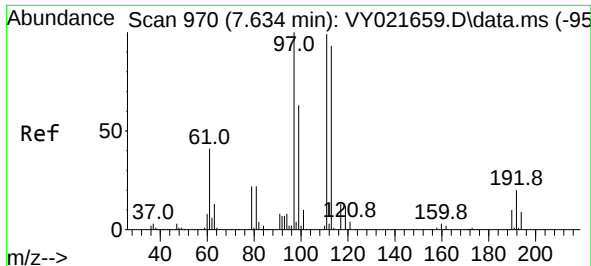
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.2

88 15.0 0.0 29.8

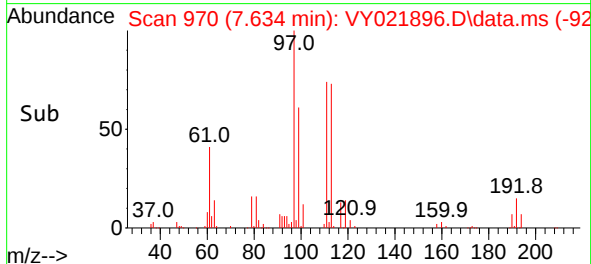
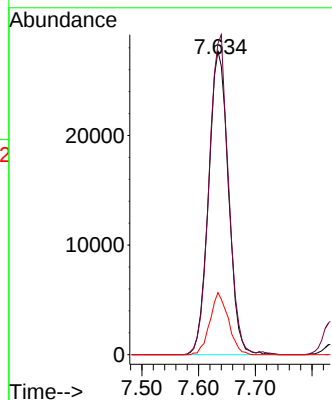
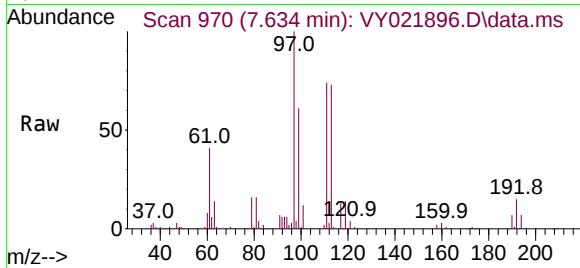




#35
Dibromofluoromethane
Concen: 54.075 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

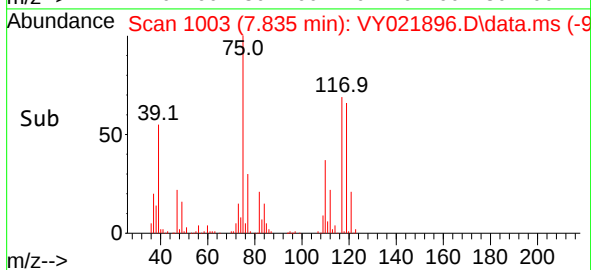
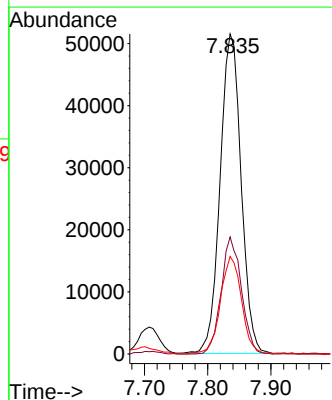
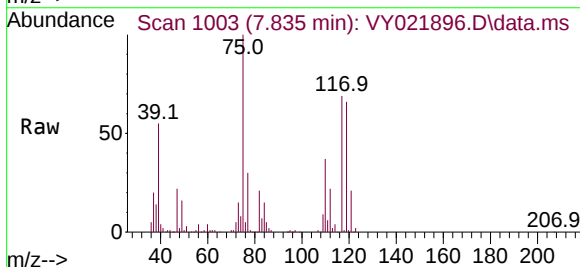
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

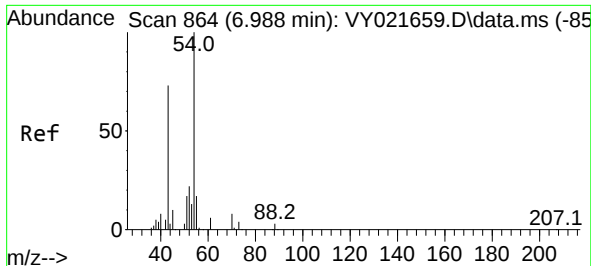
Tgt Ion:113 Resp: 67321
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 19.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 62.569 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 75 Resp: 118647
Ion Ratio Lower Upper
75 100
110 35.2 17.0 50.9
77 30.6 24.8 37.2





#37

Ethyl Acetate

Concen: 55.489 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021896.D

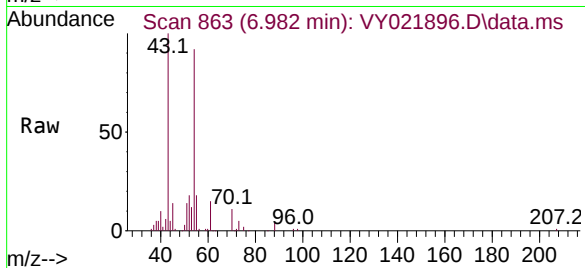
Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

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



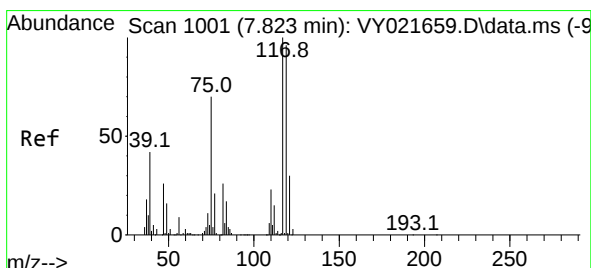
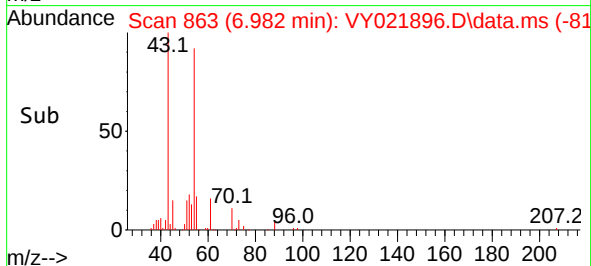
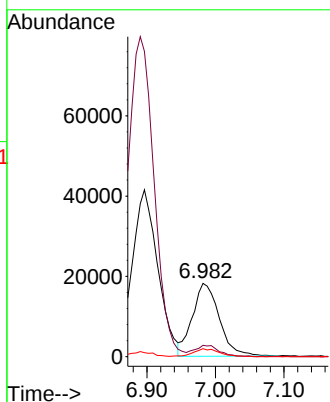
Tgt Ion: 43 Resp: 49658

Ion Ratio Lower Upper

43 100

61 14.3 11.0 16.6

70 10.6 8.1 12.1



#38

Carbon Tetrachloride

Concen: 65.453 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

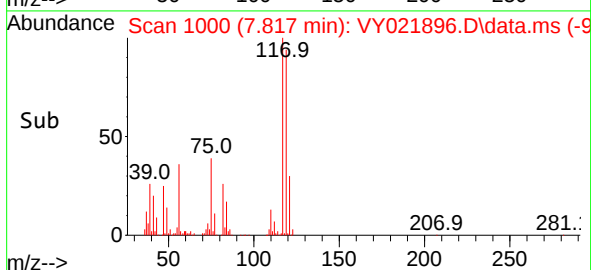
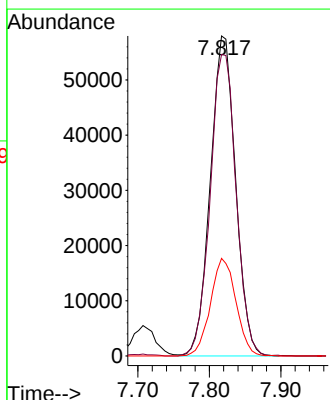
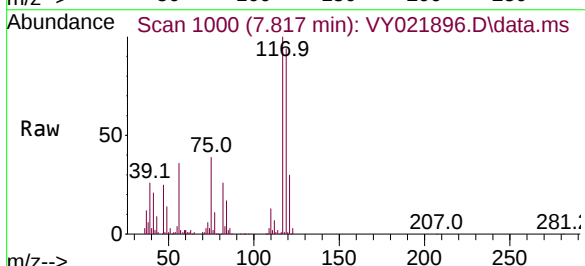
Tgt Ion: 117 Resp: 142154

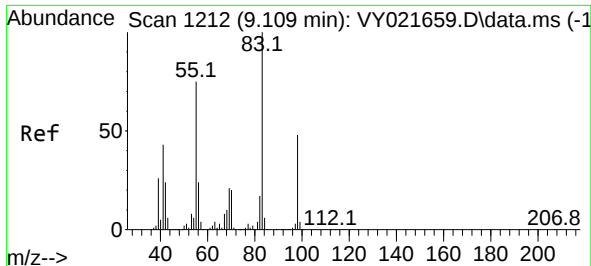
Ion Ratio Lower Upper

117 100

119 94.2 76.2 114.4

121 30.5 24.2 36.4





#39

Methylcyclohexane

Concen: 70.444 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

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

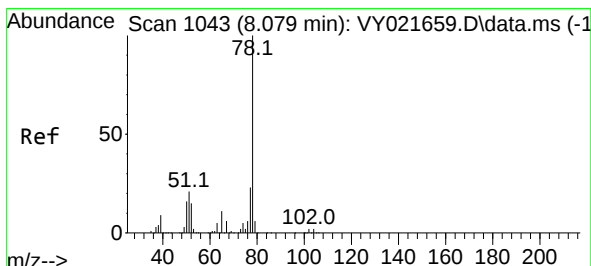
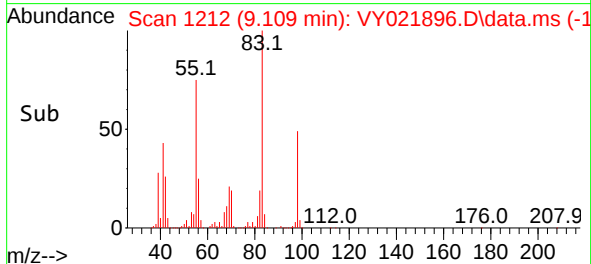
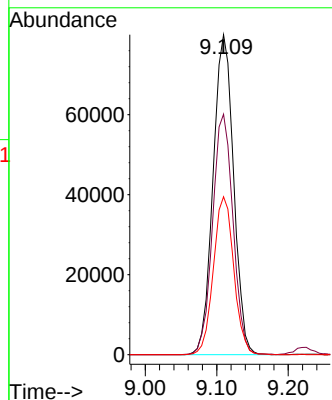
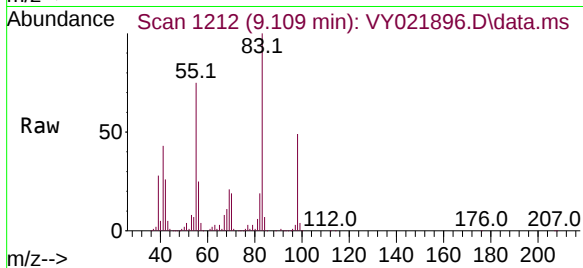
Tgt Ion: 83 Resp: 159575

Ion Ratio Lower Upper

83 100

55 75.2 59.7 89.5

98 49.4 38.3 57.5



#40

Benzene

Concen: 61.356 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021896.D

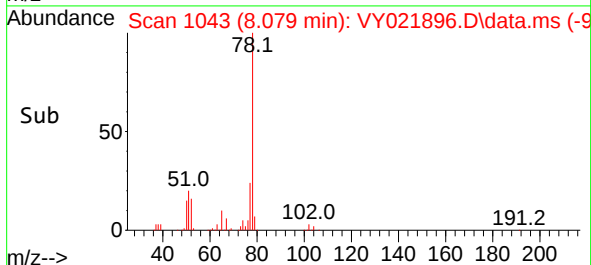
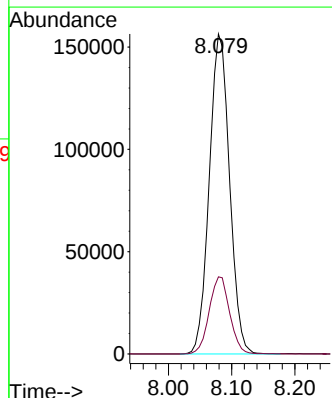
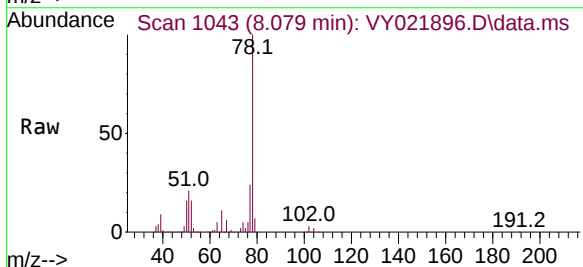
Acq: 15 Apr 2025 15:11

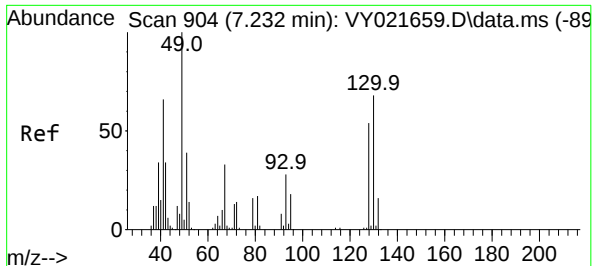
Tgt Ion: 78 Resp: 348429

Ion Ratio Lower Upper

78 100

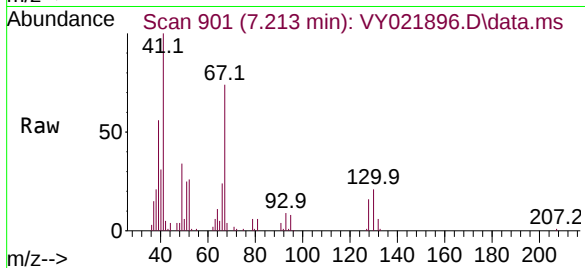
77 24.1 18.8 28.2



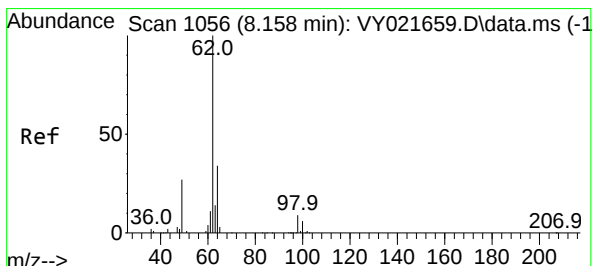
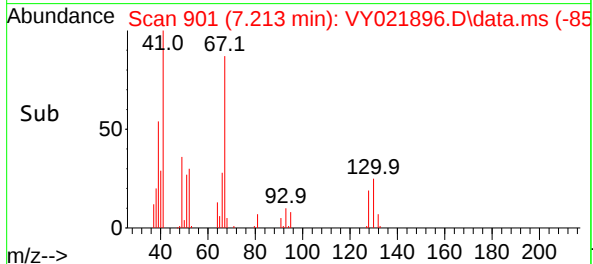
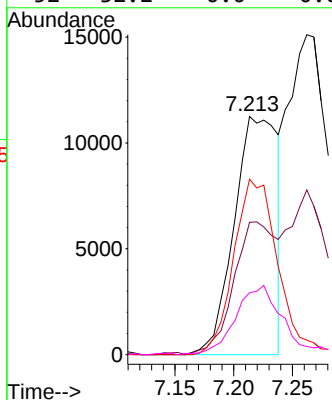


#41
Methacrylonitrile
Concen: 60.625 ug/l
RT: 7.213 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

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

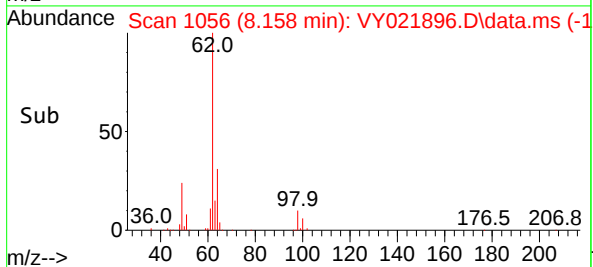
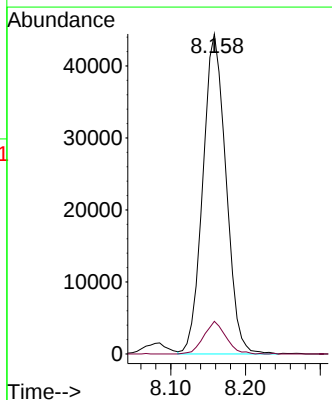
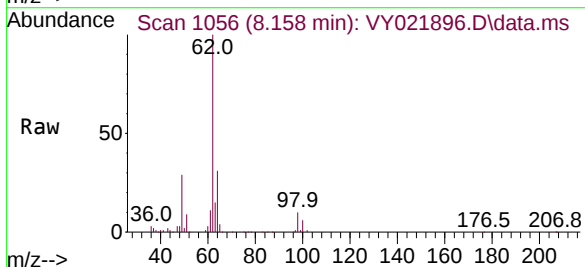


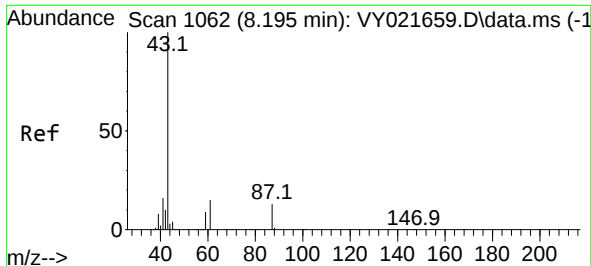
Tgt Ion: 41 Resp: 28813
Ion Ratio Lower Upper
41 100
39 54.9 0.0 0.0#
67 74.9 0.0 0.0#
52 32.2 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 59.718 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 62 Resp: 95605
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.4

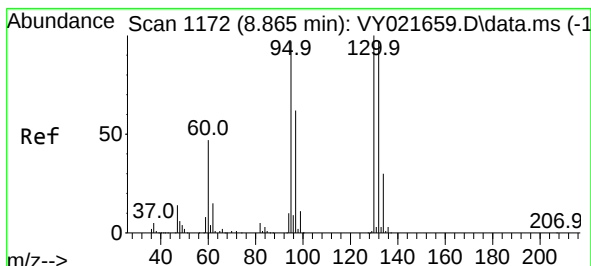
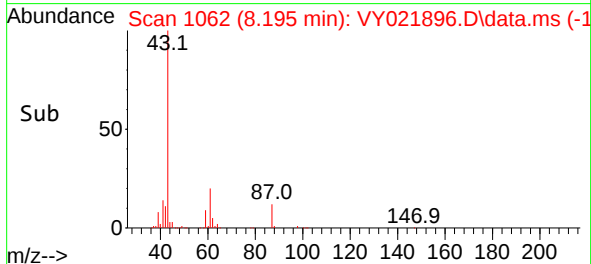
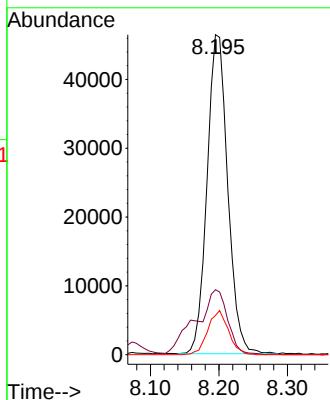
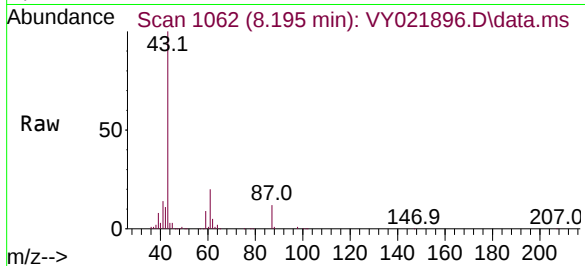




#43
Isopropyl Acetate
Concen: 57.452 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

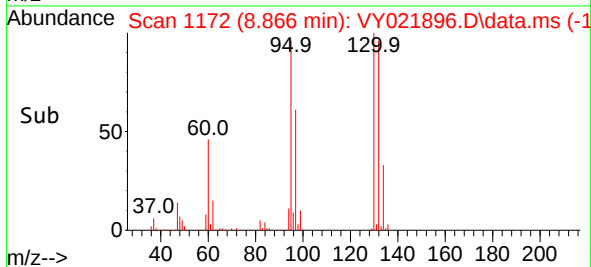
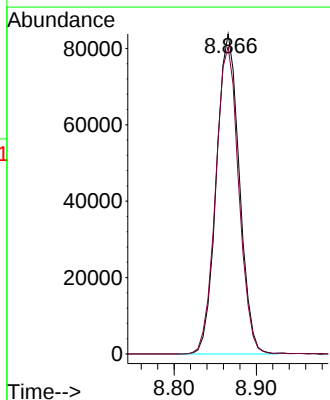
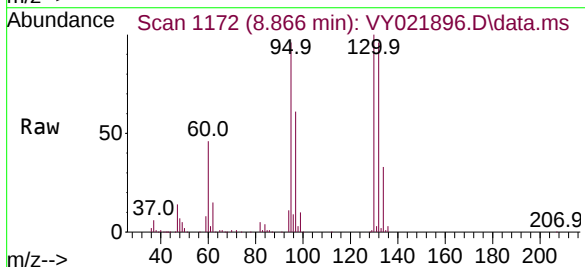
Instrument : MSVOA_Y
ClientSampleId : S-872-G1-SO-20.0-20.5-041025MSD

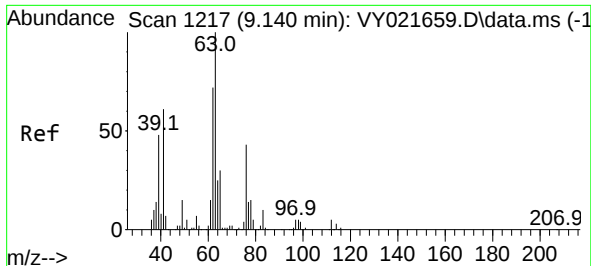
Tgt Ion: 43 Resp: 97435
Ion Ratio Lower Upper
43 100
61 31.4 15.9 23.9#
87 13.8 10.4 15.6



#44
Trichloroethene
Concen: 112.040 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion:130 Resp: 162112
Ion Ratio Lower Upper
130 100
95 96.0 0.0 194.8

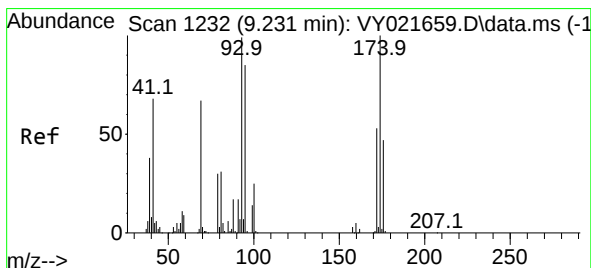
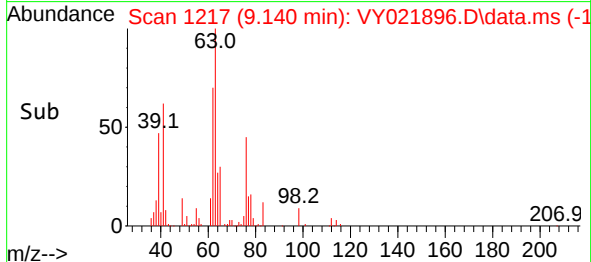
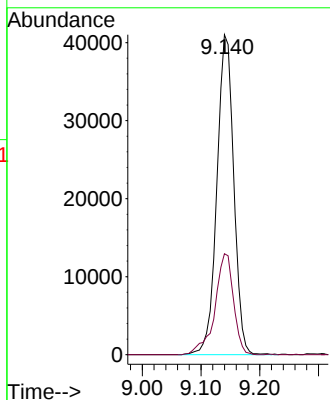
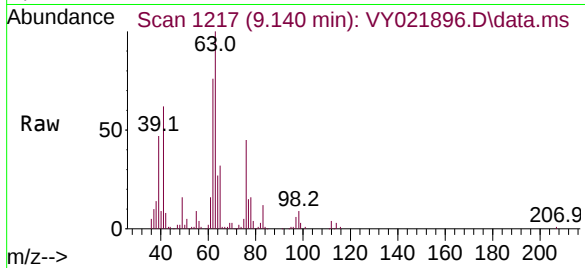




#45
1,2-Dichloropropane
Concen: 60.899 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

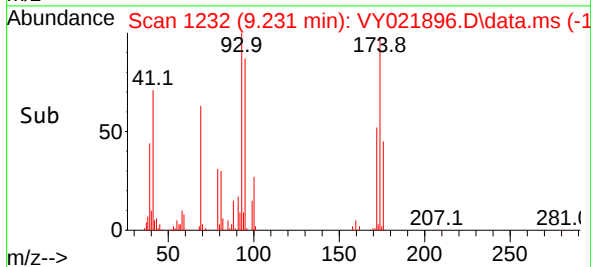
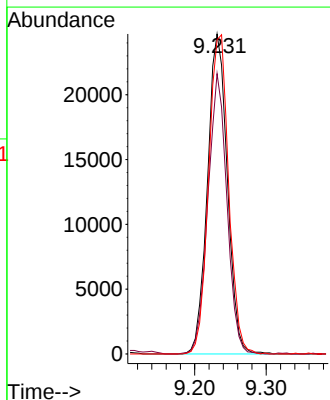
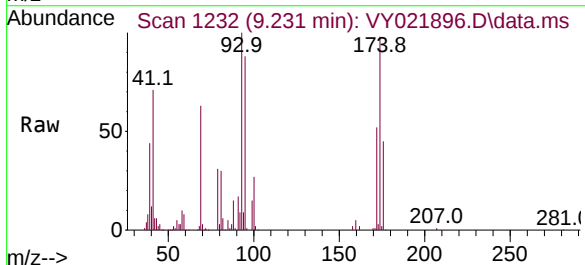
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

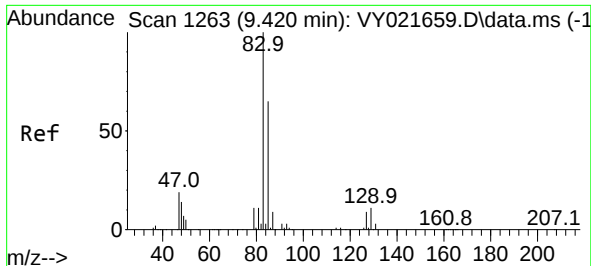
Tgt Ion: 63 Resp: 81861
Ion Ratio Lower Upper
63 100
65 31.5 24.4 36.6



#46
Dibromomethane
Concen: 61.469 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 93 Resp: 47620
Ion Ratio Lower Upper
93 100
95 83.7 68.1 102.1
174 100.6 80.9 121.3

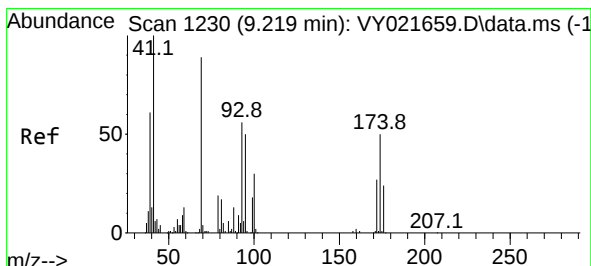
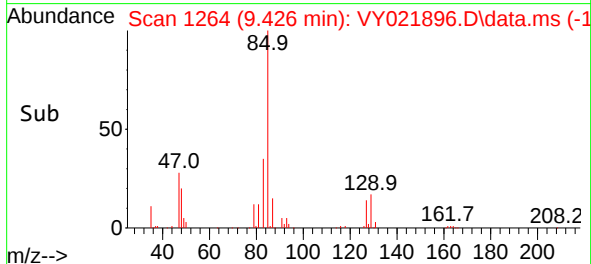
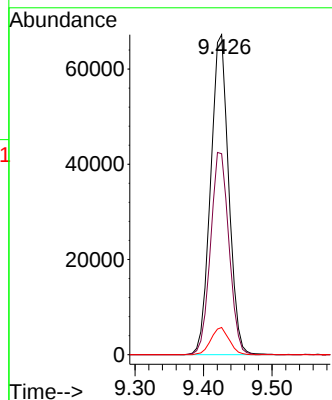
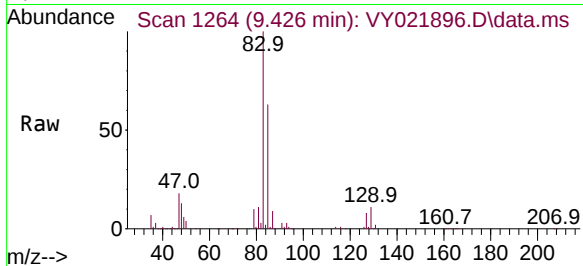




#47
Bromodichloromethane
Concen: 61.038 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

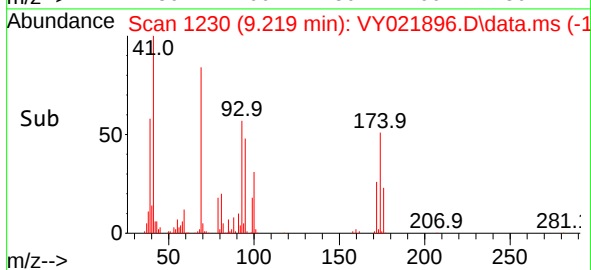
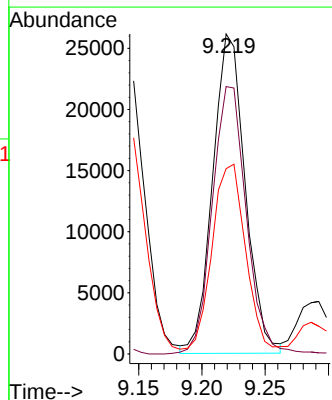
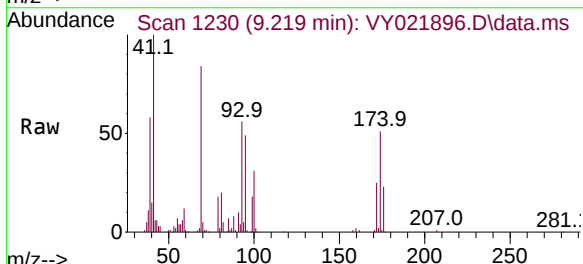
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

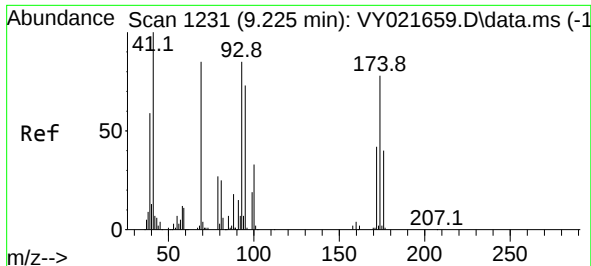
Tgt Ion: 83 Resp: 122527
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.6
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 59.896 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 41 Resp: 46621
Ion Ratio Lower Upper
41 100
69 88.0 69.8 104.8
39 58.9 47.2 70.8





#49

1,4-Dioxane

Concen: 1163.394 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

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

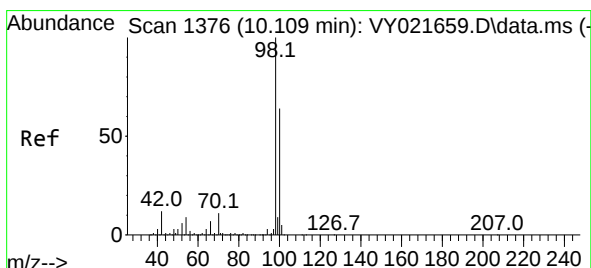
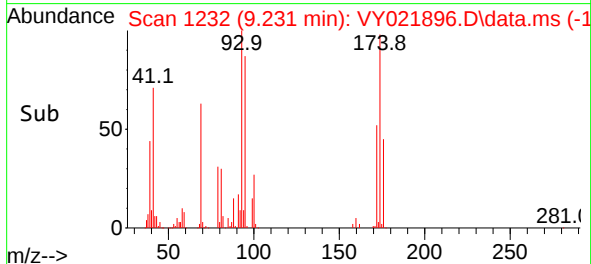
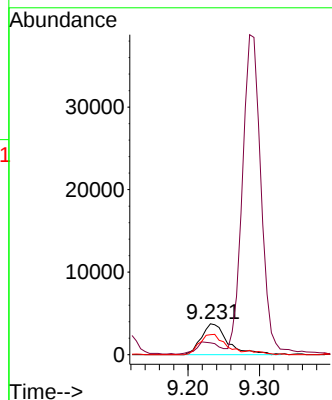
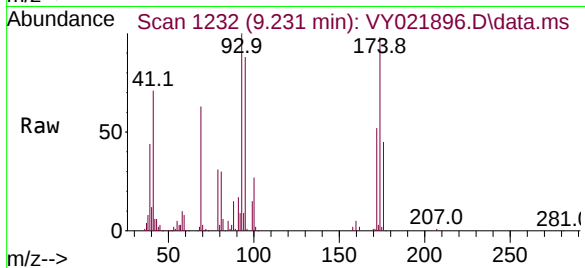
Tgt Ion: 88 Resp: 9655

Ion Ratio Lower Upper

88 100

43 32.9 28.8 43.2

58 64.5 59.4 89.2



#50

Toluene-d8

Concen: 52.170 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021896.D

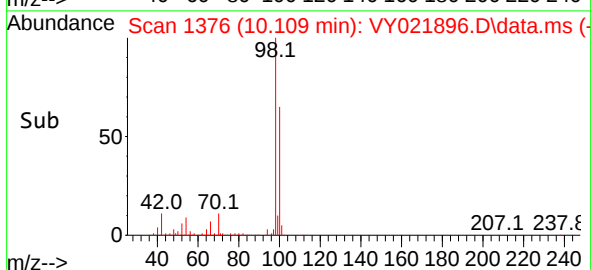
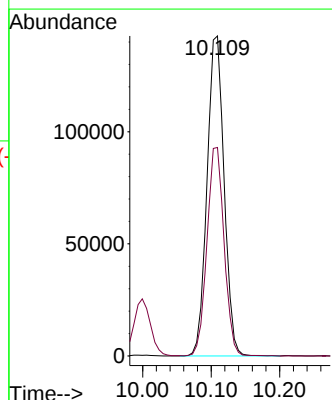
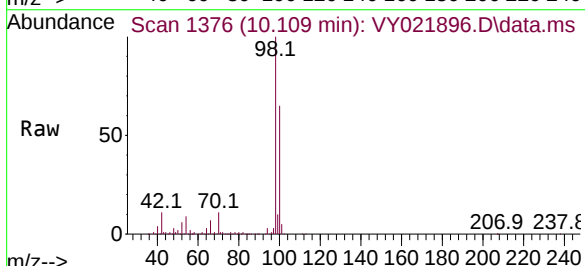
Acq: 15 Apr 2025 15:11

Tgt Ion: 98 Resp: 247087

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 297.383 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

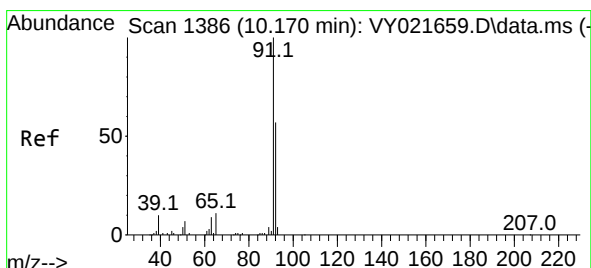
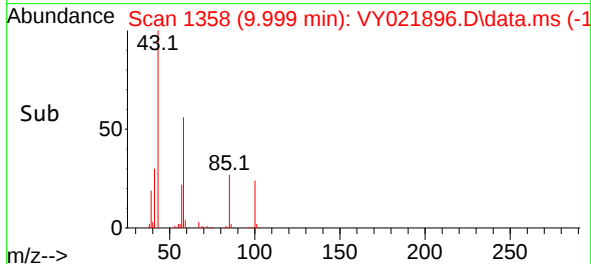
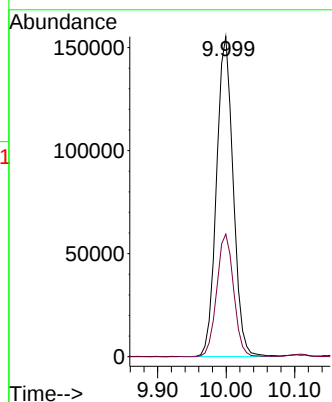
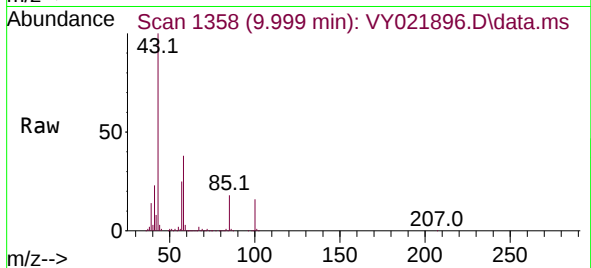
S-872-G1-SO-20.0-20.5-041025MSD

Tgt Ion: 43 Resp: 262459

Ion Ratio Lower Upper

43 100

58 38.8 31.5 47.3



#52

Toluene

Concen: 61.779 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021896.D

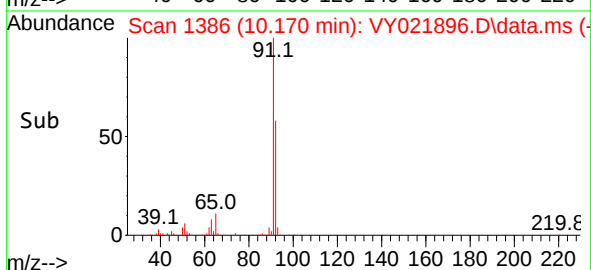
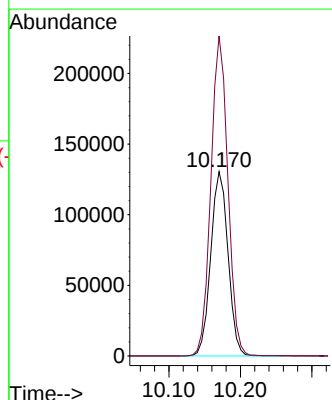
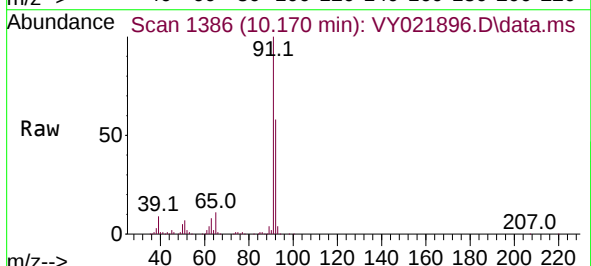
Acq: 15 Apr 2025 15:11

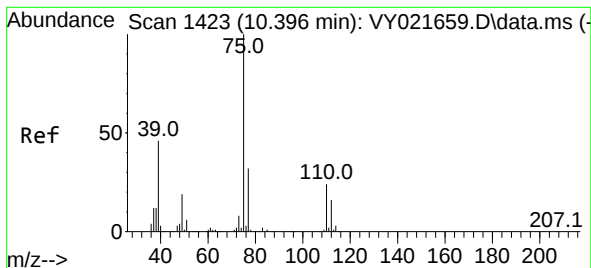
Tgt Ion: 92 Resp: 218888

Ion Ratio Lower Upper

92 100

91 170.8 138.6 207.8

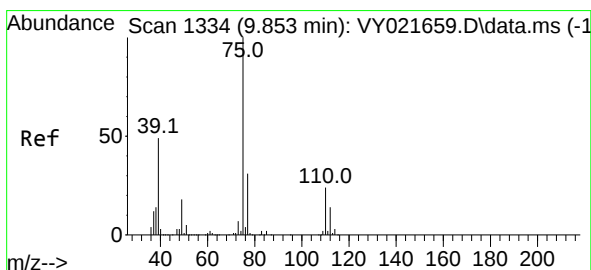
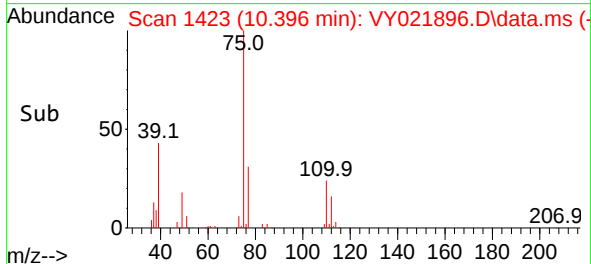
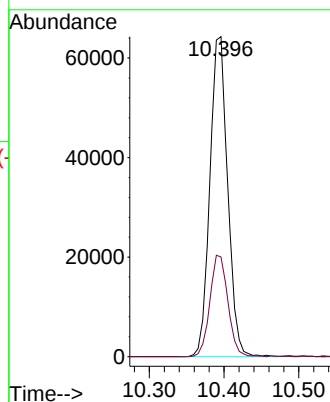
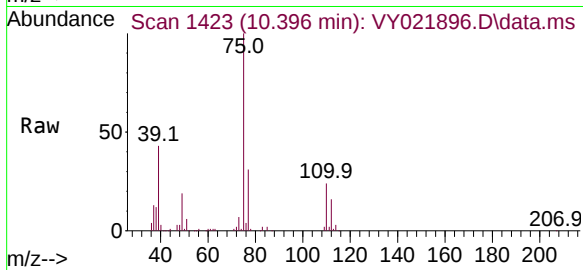




#53
 t-1,3-Dichloropropene
 Concen: 59.546 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY021896.D
 Acq: 15 Apr 2025 15:11

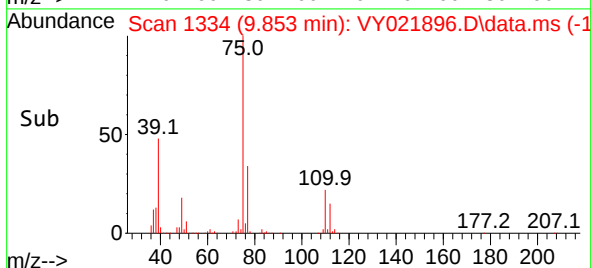
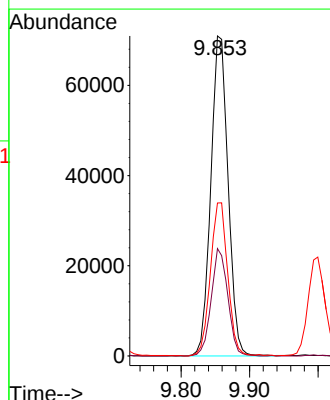
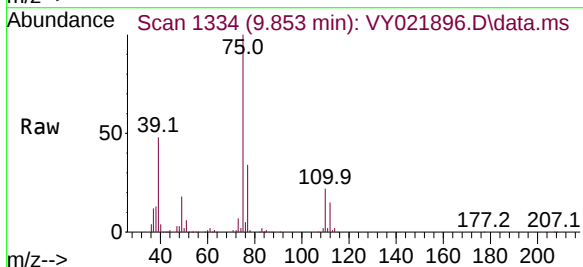
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-872-G1-SO-20.0-20.5-041025MSD

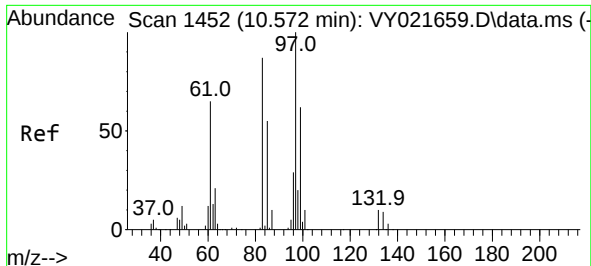
Tgt Ion: 75 Resp: 106171
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 58.989 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021896.D
 Acq: 15 Apr 2025 15:11

Tgt Ion: 75 Resp: 124081
 Ion Ratio Lower Upper
 75 100
 77 33.6 24.9 37.3
 39 47.7 39.2 58.8

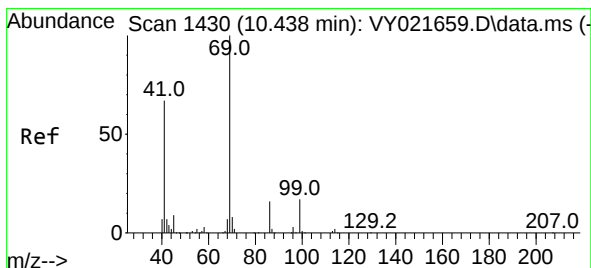
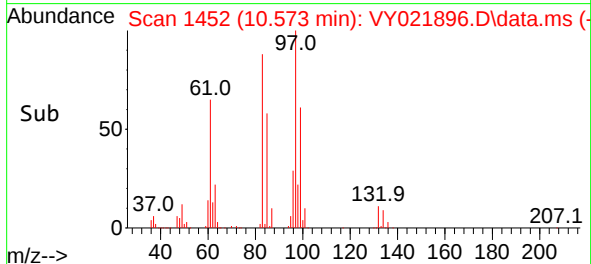
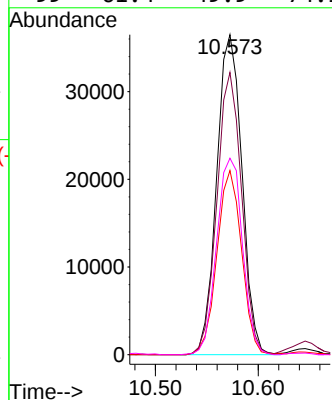
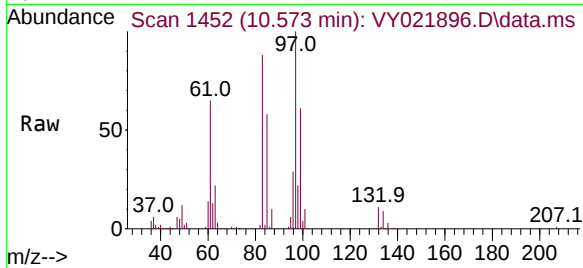




#55
1,1,2-Trichloroethane
Concen: 62.451 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

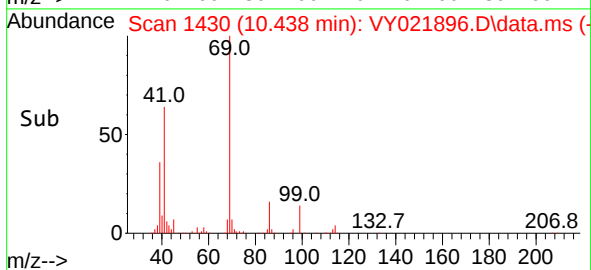
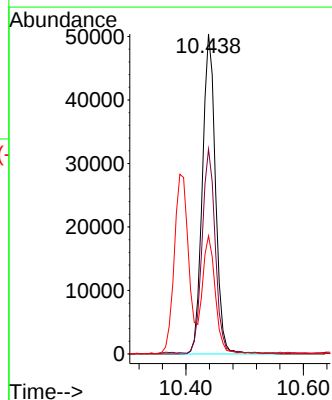
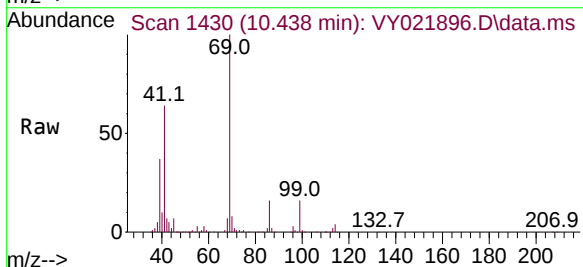
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

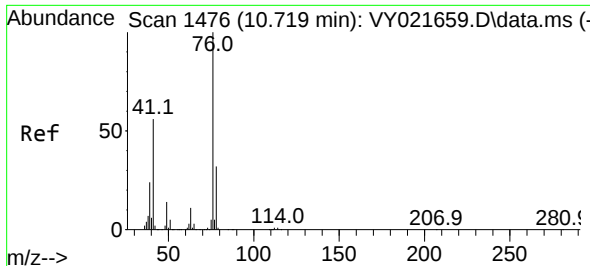
Tgt Ion:	97	Resp:	62260
Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.5	104.3
85	57.5	43.9	65.9
99	61.4	49.9	74.9



#56
Ethyl methacrylate
Concen: 61.056 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion:	69	Resp:	77724
Ion	Ratio	Lower	Upper
69	100		
41	63.9	53.8	80.6
39	34.5	29.6	44.4





#57

1,3-Dichloropropane

Concen: 61.097 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021896.D

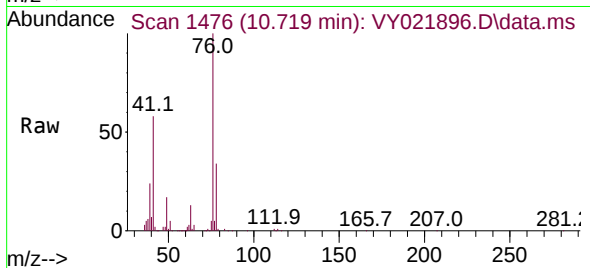
Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

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

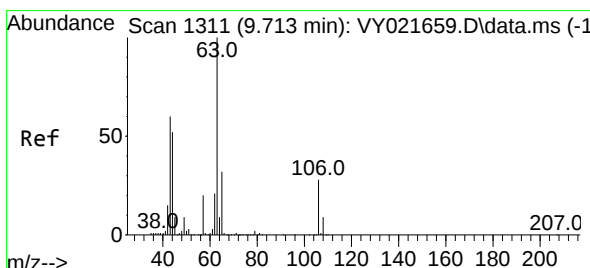
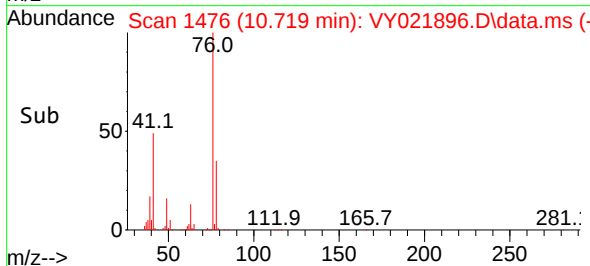
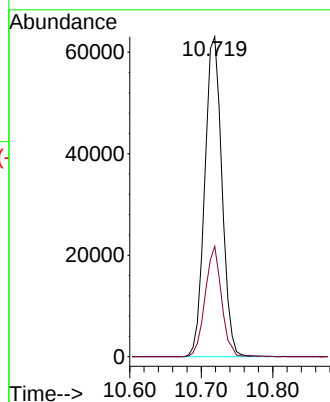


Tgt Ion: 76 Resp: 105196

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 329.602 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021896.D

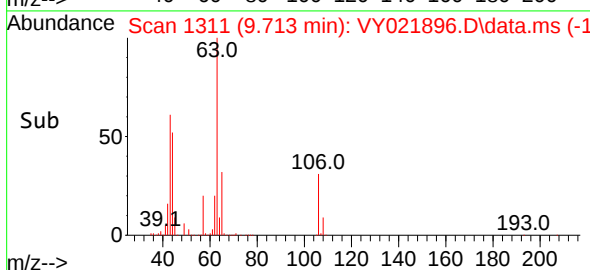
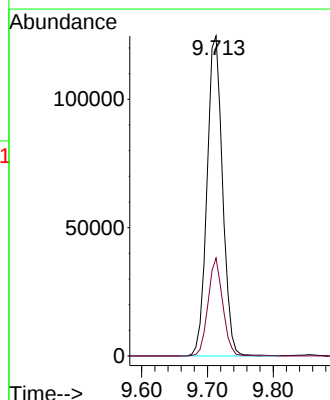
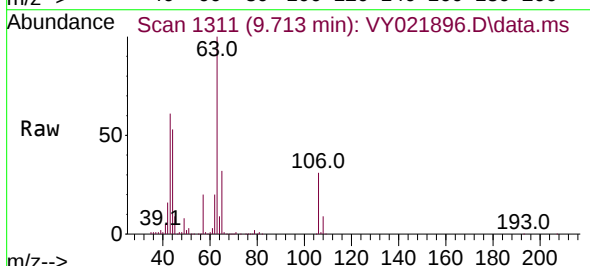
Acq: 15 Apr 2025 15:11

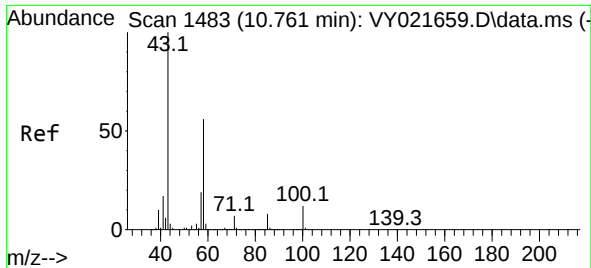
Tgt Ion: 63 Resp: 204684

Ion Ratio Lower Upper

63 100

106 28.9 22.4 33.6

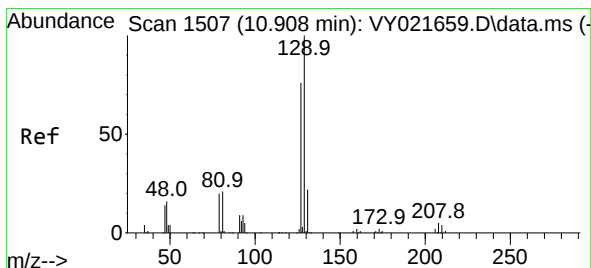
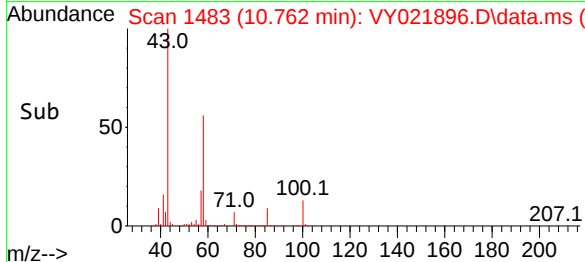
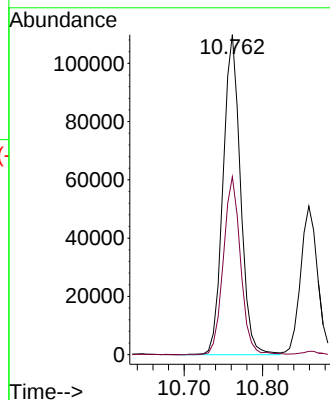
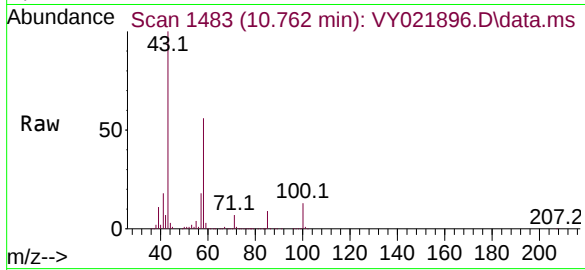




#59
2-Hexanone
Concen: 288.695 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

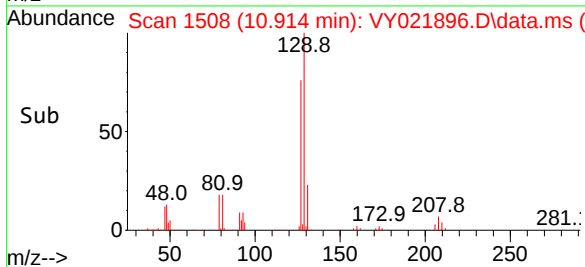
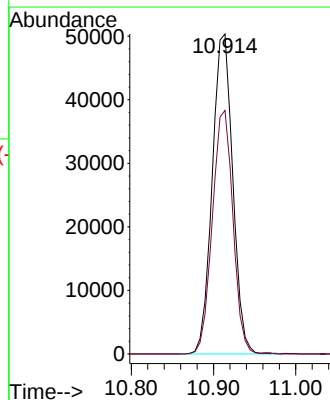
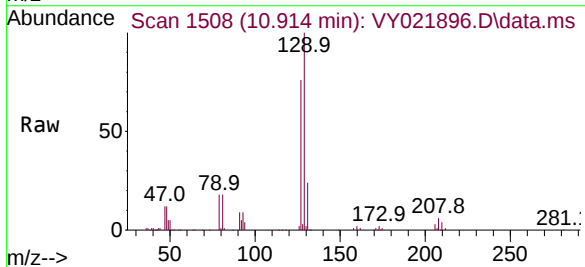
Instrument : MSVOA_Y
ClientSampleId : S-872-G1-SO-20.0-20.5-041025MSD

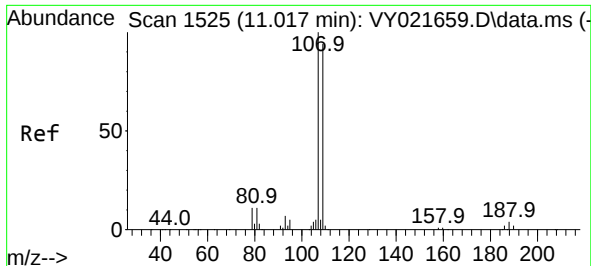
Tgt Ion: 43 Resp: 169687
Ion Ratio Lower Upper
43 100
58 55.0 27.2 81.5



#60
Dibromochloromethane
Concen: 64.101 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 129 Resp: 87251
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7

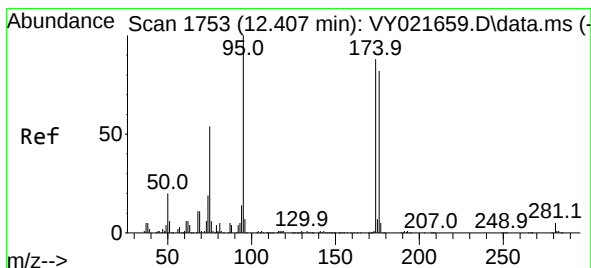
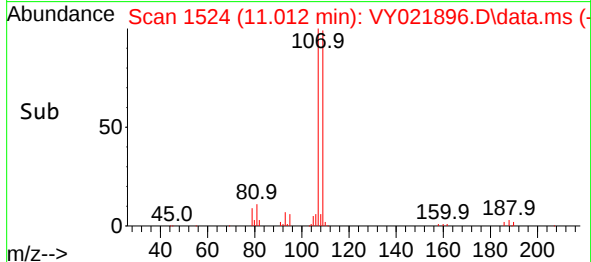
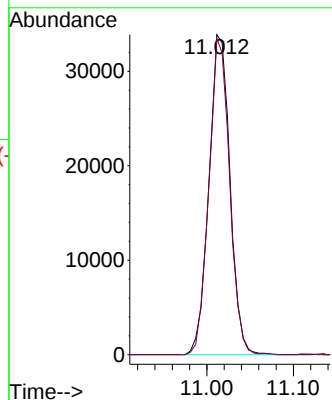
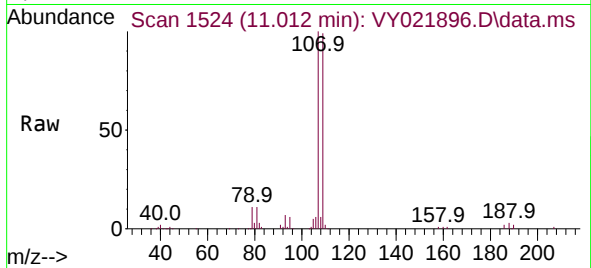




#61
1,2-Dibromoethane
Concen: 61.071 ug/l
RT: 11.012 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

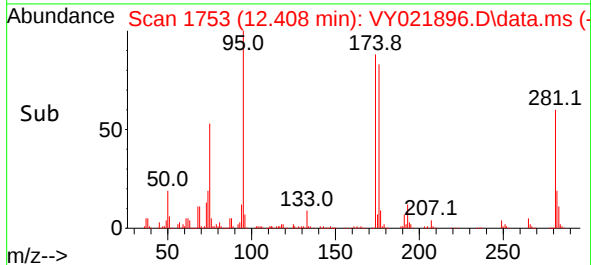
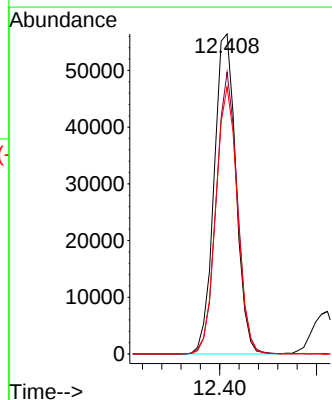
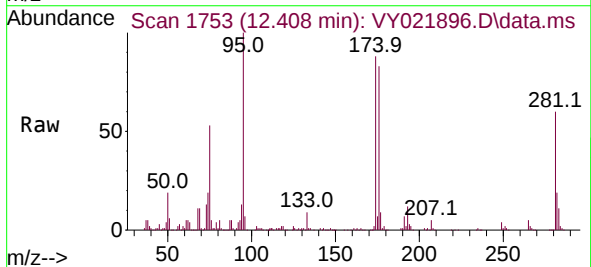
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

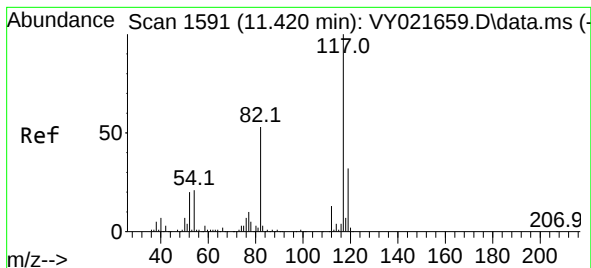
Tgt Ion:107 Resp: 57114
Ion Ratio Lower Upper
107 100
109 97.2 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 55.201 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 95 Resp: 88431
Ion Ratio Lower Upper
95 100
174 84.8 0.0 170.8
176 82.8 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: VY021896.D

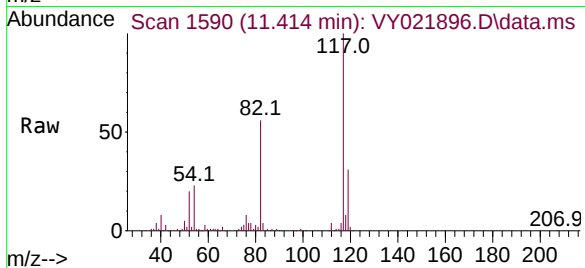
Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

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



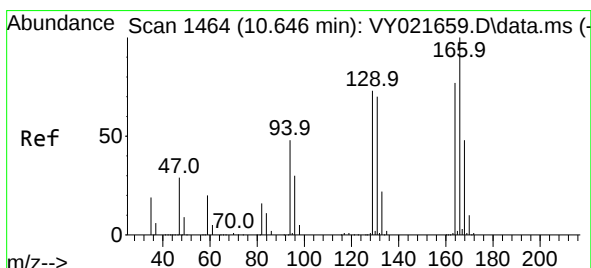
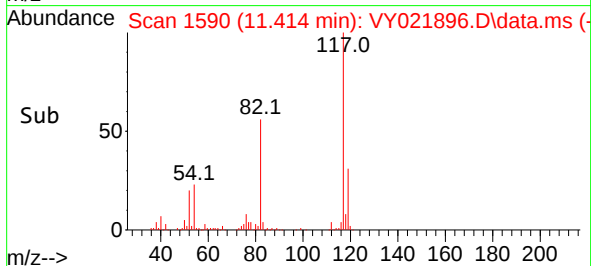
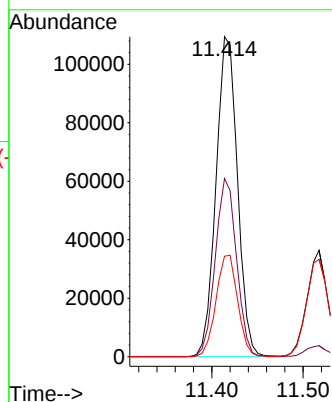
Tgt Ion:117 Resp: 178956

Ion Ratio Lower Upper

117 100

82 55.7 42.8 64.2

119 31.4 25.7 38.5



#64

Tetrachloroethene

Concen: 67.496 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Tgt Ion:164 Resp: 110011

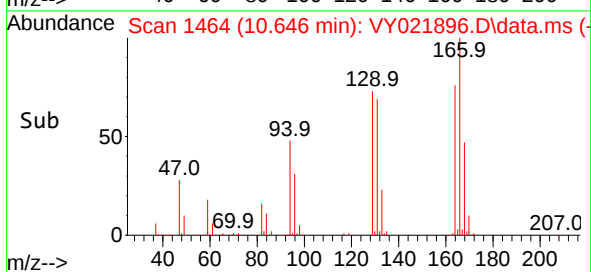
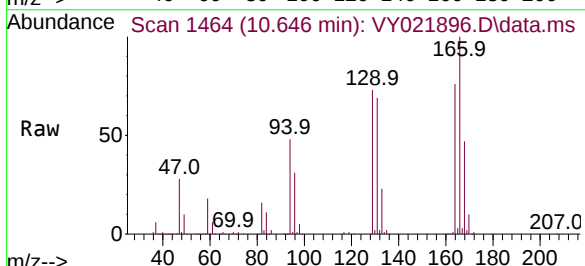
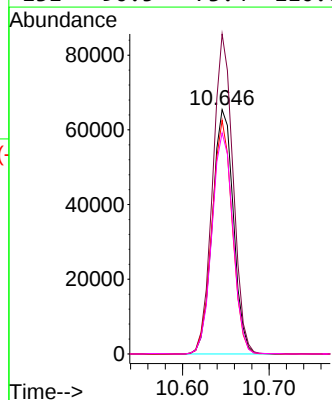
Ion Ratio Lower Upper

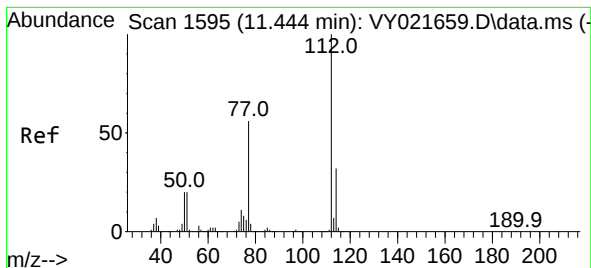
164 100

166 131.0 104.6 156.8

129 95.6 76.6 114.8

131 90.5 73.4 110.0





#65

Chlorobenzene

Concen: 57.224 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

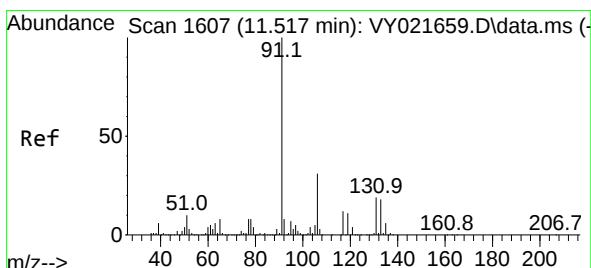
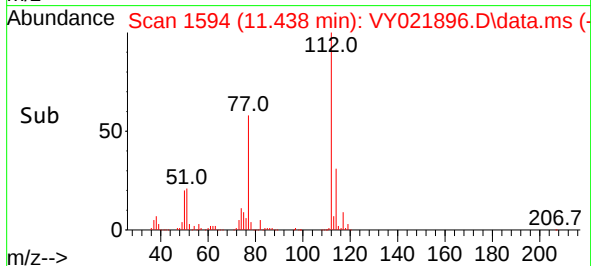
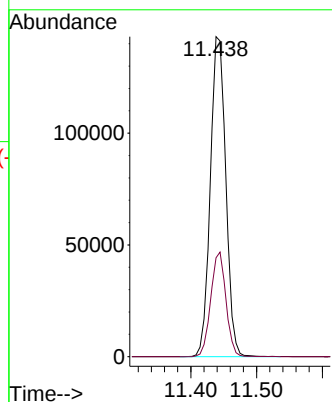
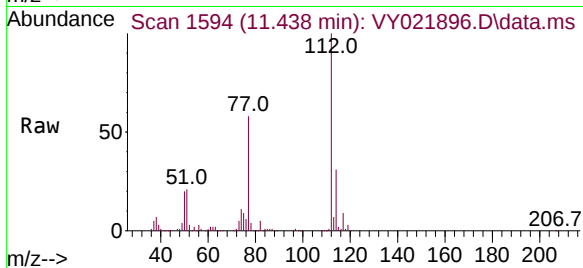
S-872-G1-SO-20.0-20.5-041025MSD

Tgt Ion:112 Resp: 234749

Ion Ratio Lower Upper

112 100

114 30.9 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 57.728 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

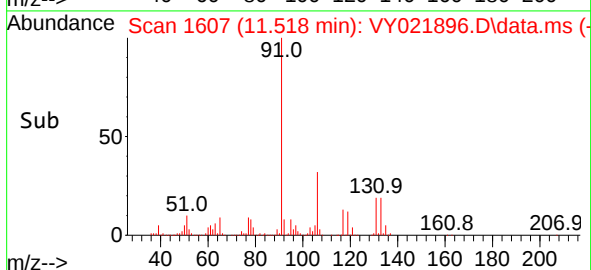
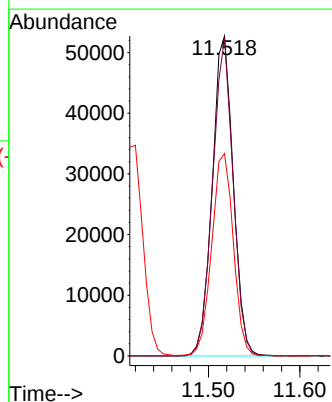
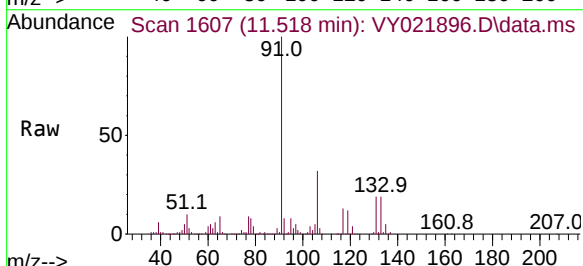
Tgt Ion:131 Resp: 84022

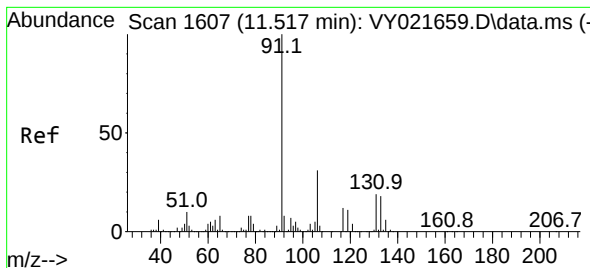
Ion Ratio Lower Upper

131 100

133 97.0 47.3 141.8

119 65.3 31.6 95.0





#67

Ethyl Benzene

Concen: 58.259 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

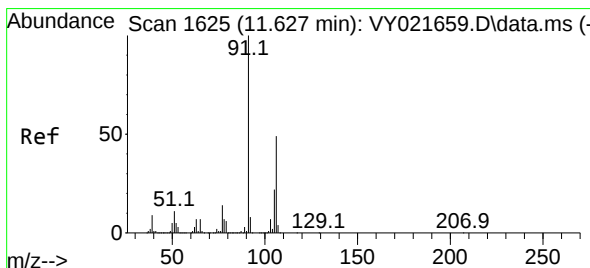
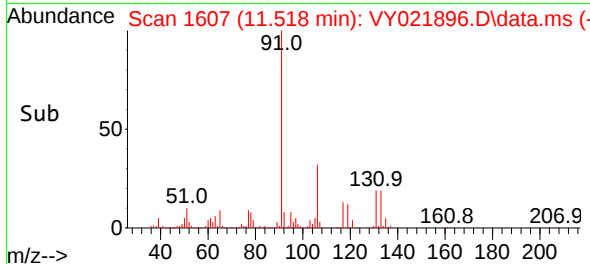
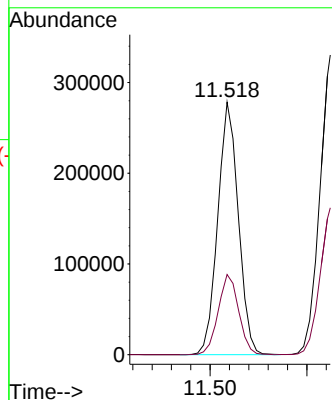
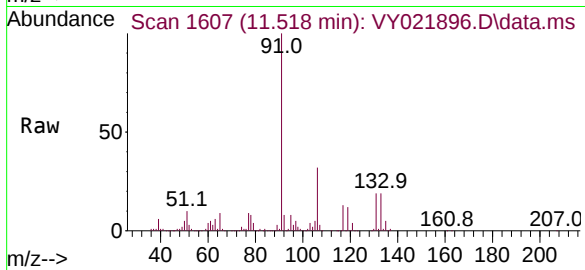
S-872-G1-SO-20.0-20.5-041025MSD

Tgt Ion: 91 Resp: 409824

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 118.169 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021896.D

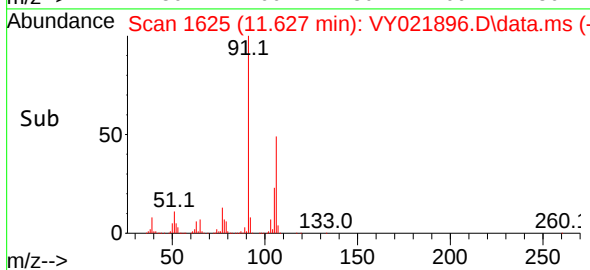
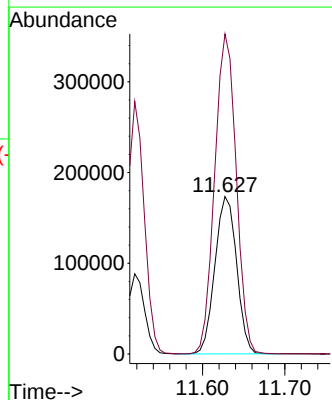
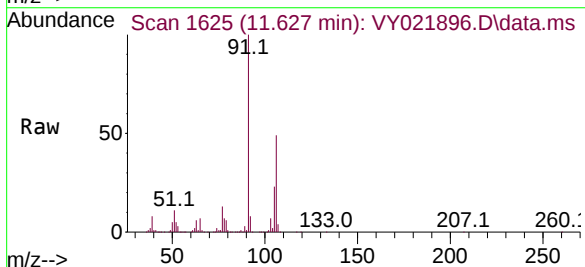
Acq: 15 Apr 2025 15:11

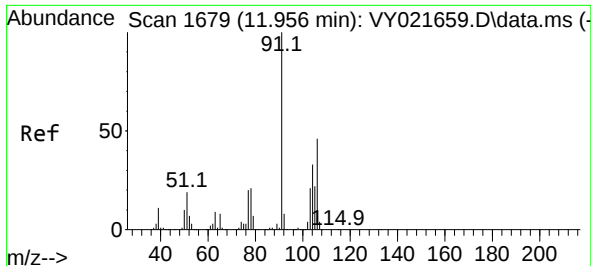
Tgt Ion:106 Resp: 318312

Ion Ratio Lower Upper

106 100

91 201.8 162.4 243.6

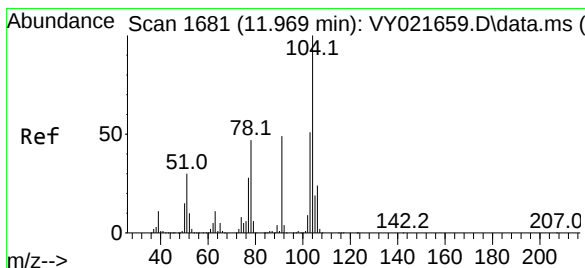
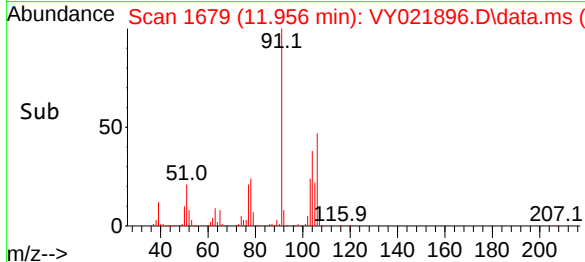
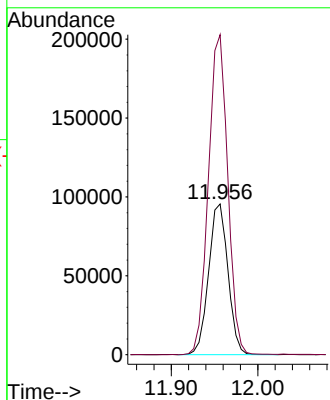
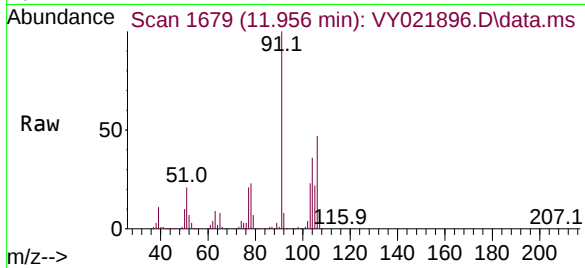




#69
o-Xylene
Concen: 59.653 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

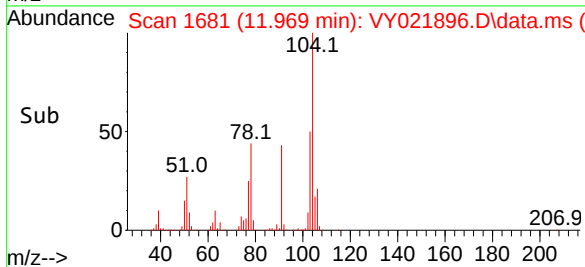
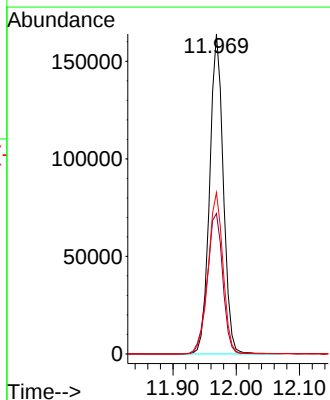
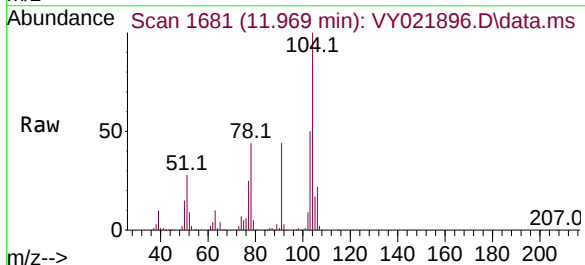
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

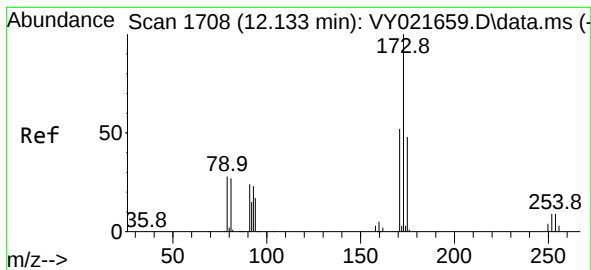
Tgt Ion:106 Resp: 148326
Ion Ratio Lower Upper
106 100
91 212.1 106.7 319.9



#70
Styrene
Concen: 59.501 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion:104 Resp: 246680
Ion Ratio Lower Upper
104 100
78 50.1 40.8 61.2
103 54.9 44.2 66.2





#71

Bromoform

Concen: 61.083 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

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

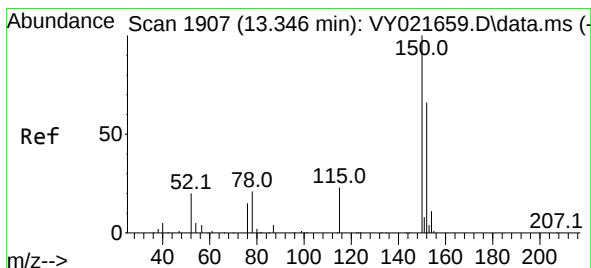
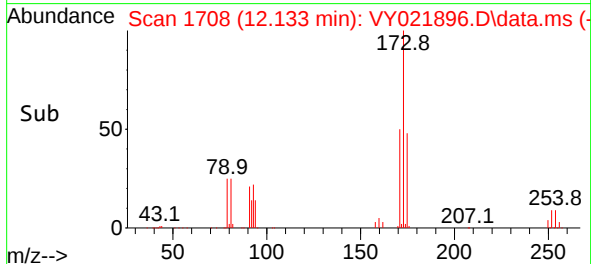
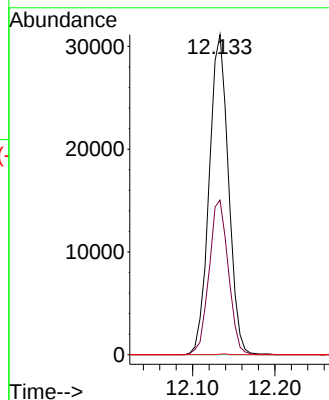
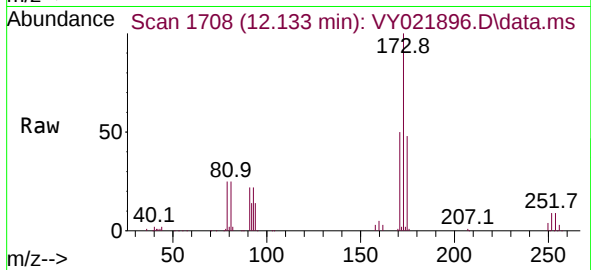
Tgt Ion:173 Resp: 50713

Ion Ratio Lower Upper

173 100

175 48.2 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: VY021896.D

Acq: 15 Apr 2025 15:11

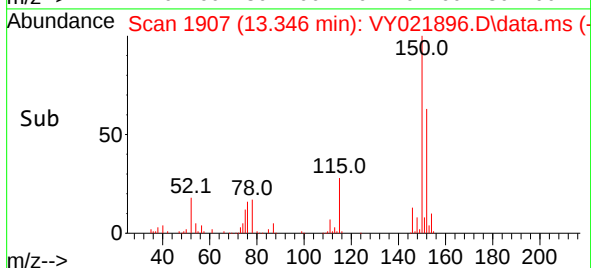
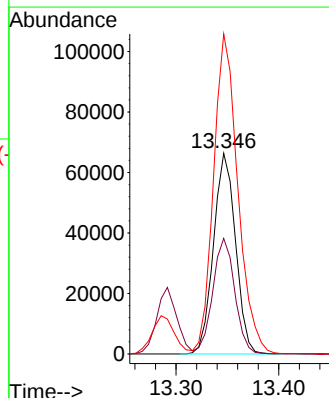
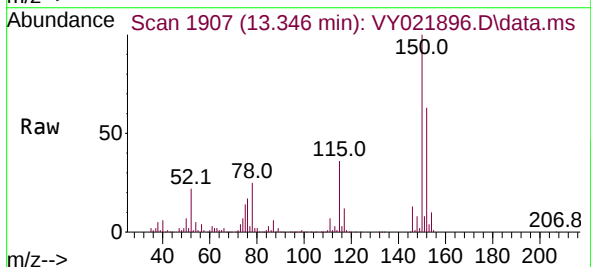
Tgt Ion:152 Resp: 98584

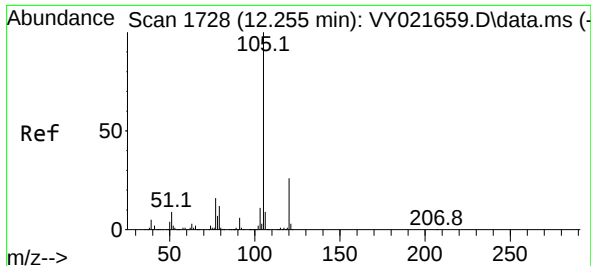
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 176.0 0.0 348.4

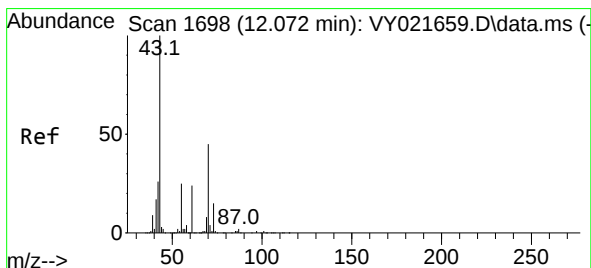
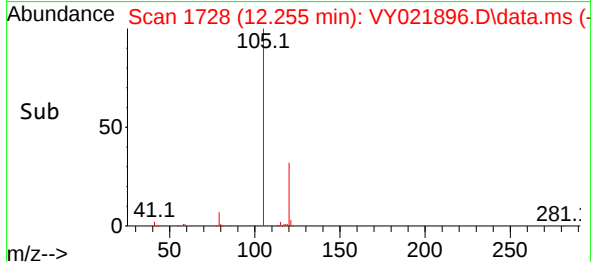
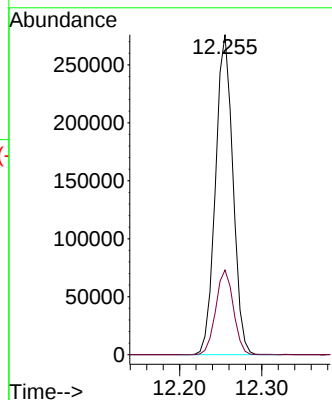
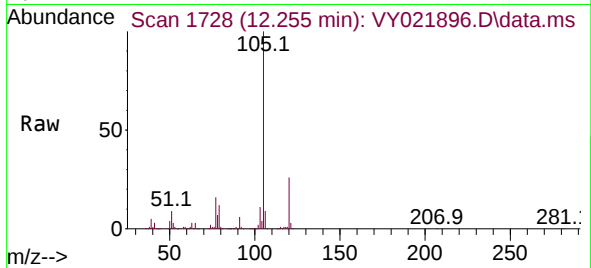




#73
Isopropylbenzene
Concen: 55.481 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

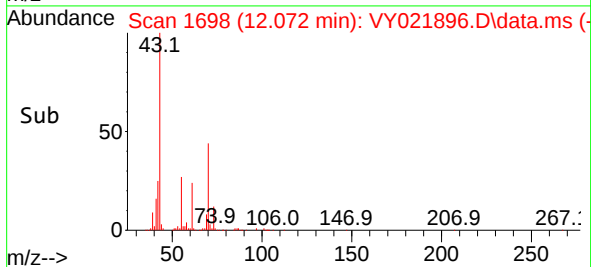
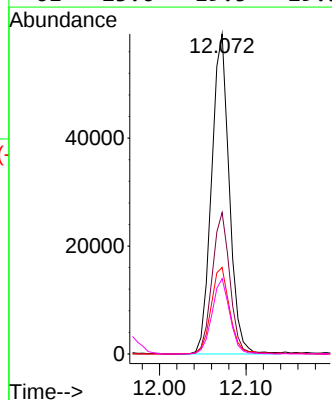
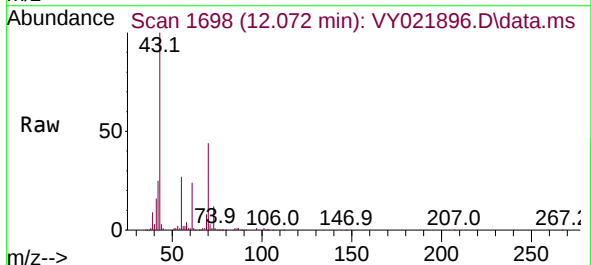
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

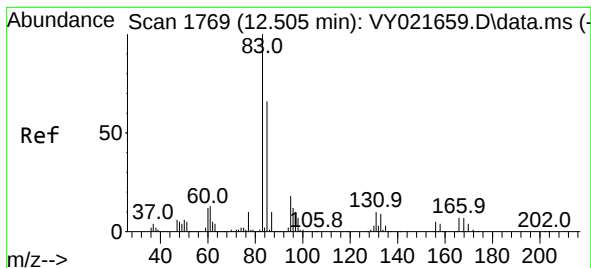
Tgt Ion:105 Resp: 406242
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.5



#74
N-ethyl acetate
Concen: 49.020 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 43 Resp: 84238
Ion Ratio Lower Upper
43 100
70 44.6 34.7 52.1
55 28.7 21.2 31.8
61 23.6 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.000 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

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

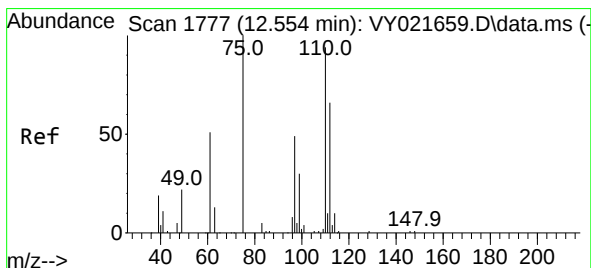
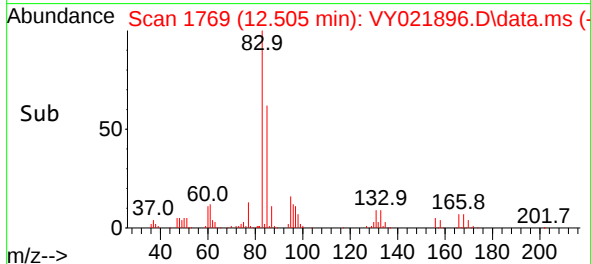
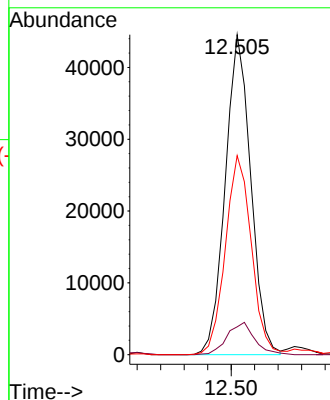
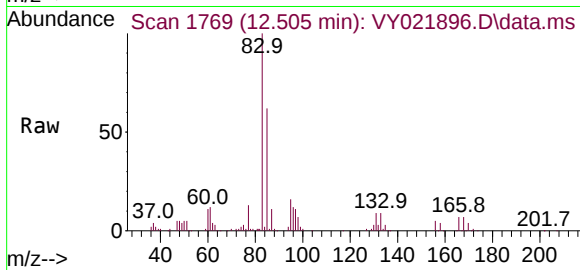
Tgt Ion: 83 Resp: 67139

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

85 63.6 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 94.641 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY021896.D

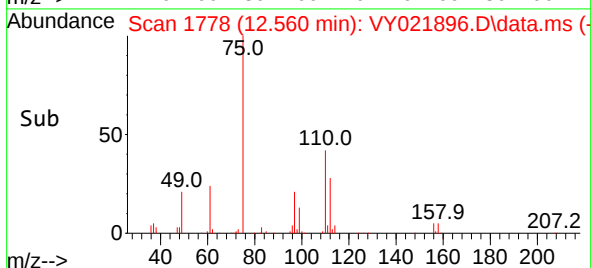
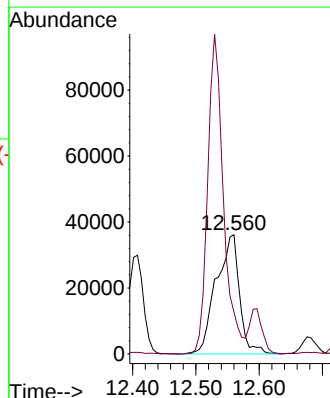
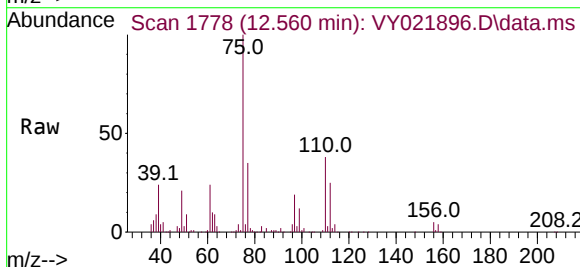
Acq: 15 Apr 2025 15:11

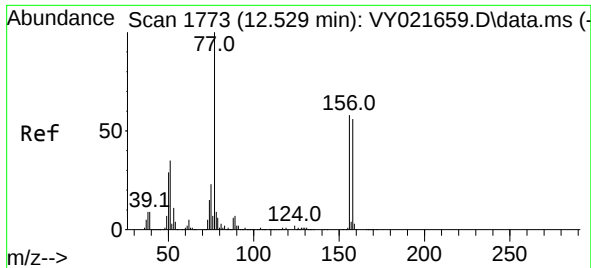
Tgt Ion: 75 Resp: 92485

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

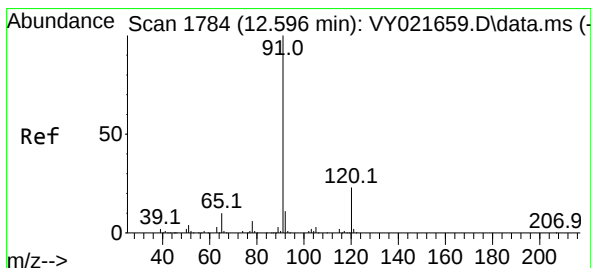
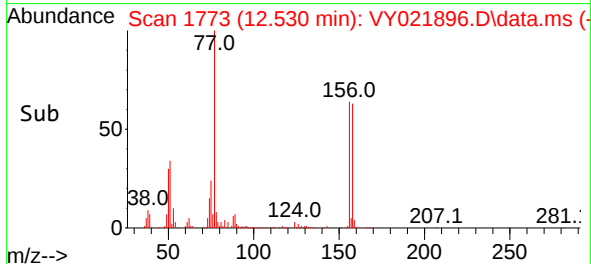
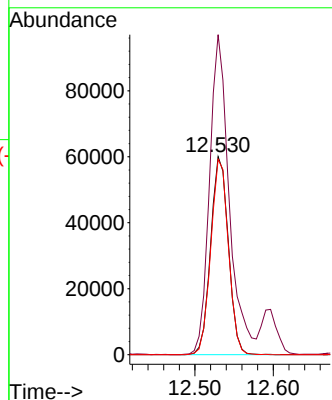
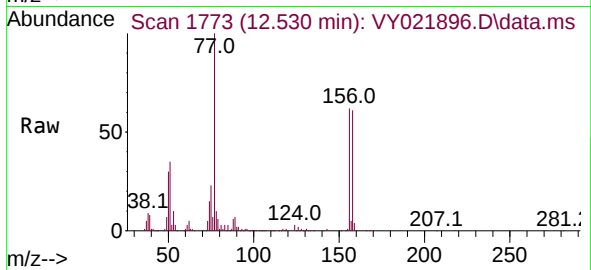




#77
Bromobenzene
Concen: 53.711 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

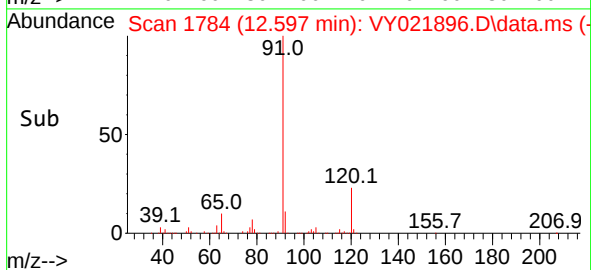
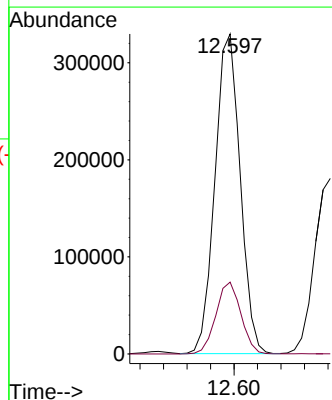
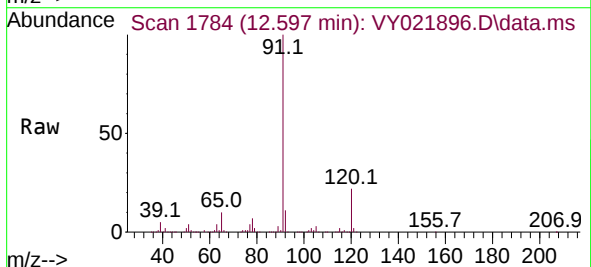
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

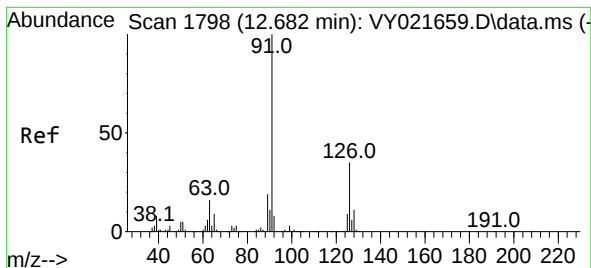
Tgt Ion:156 Resp: 94427
Ion Ratio Lower Upper
156 100
77 179.6 92.8 278.3
158 98.1 48.5 145.6



#78
n-propylbenzene
Concen: 55.700 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 91 Resp: 490327
Ion Ratio Lower Upper
91 100
120 22.3 11.3 33.9





#79

2-Chlorotoluene

Concen: 53.684 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

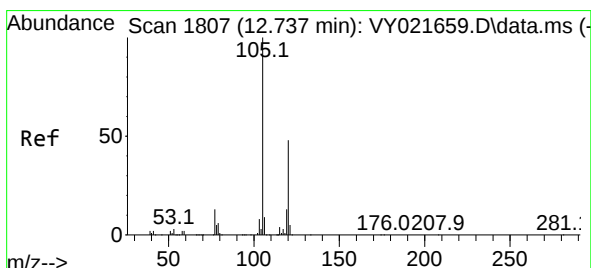
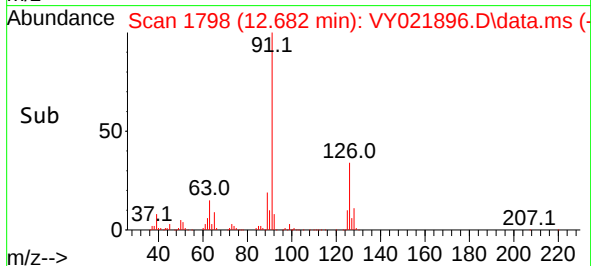
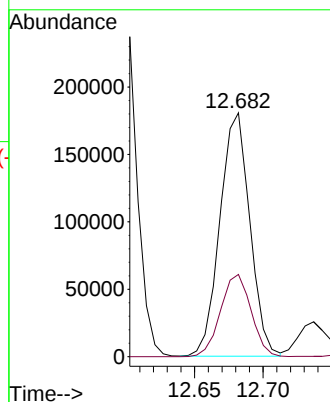
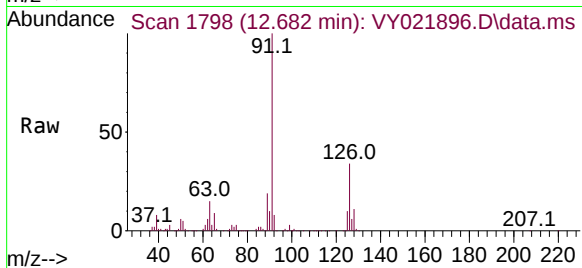
S-872-G1-SO-20.0-20.5-041025MSD

Tgt Ion: 91 Resp: 274483

Ion Ratio Lower Upper

91 100

126 34.5 17.3 52.0



#80

1,3,5-Trimethylbenzene

Concen: 54.722 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY021896.D

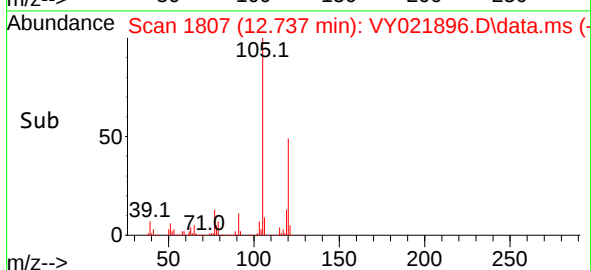
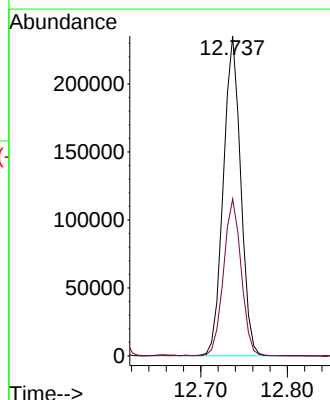
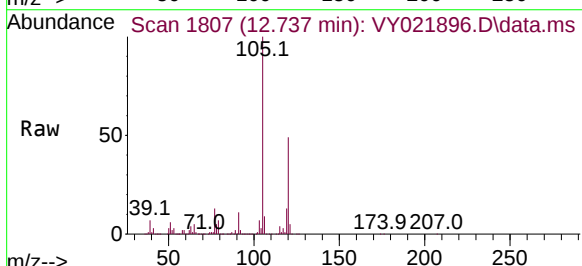
Acq: 15 Apr 2025 15:11

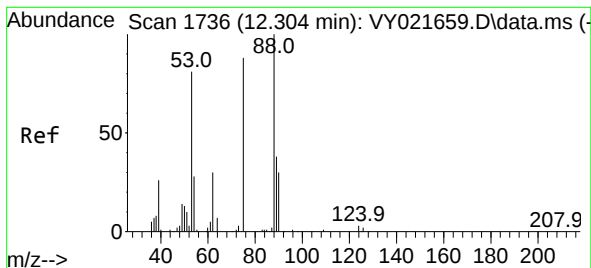
Tgt Ion: 105 Resp: 327480

Ion Ratio Lower Upper

105 100

120 50.0 24.5 73.5

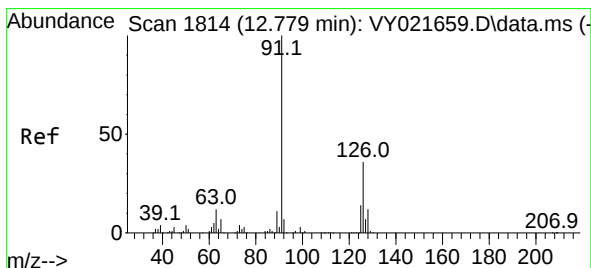
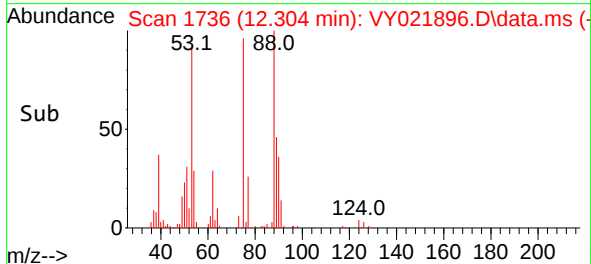
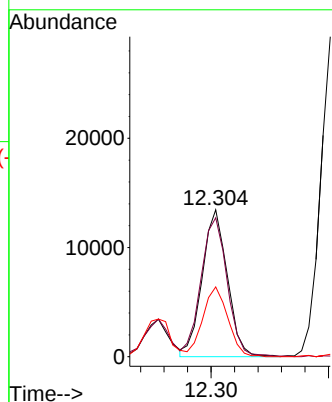
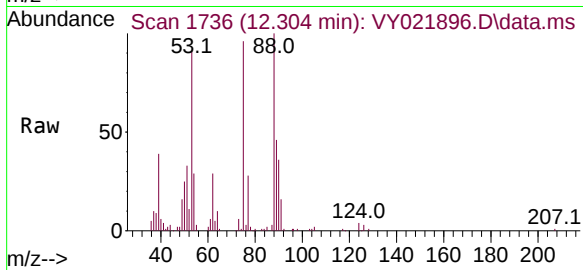




#81
trans-1,4-Dichloro-2-butene
Concen: 47.214 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

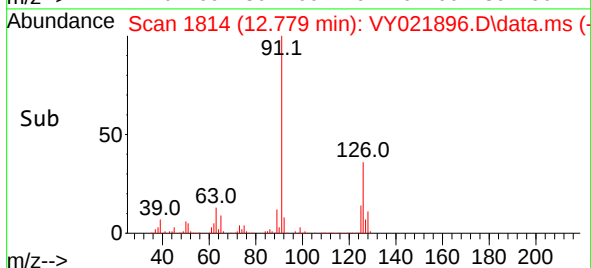
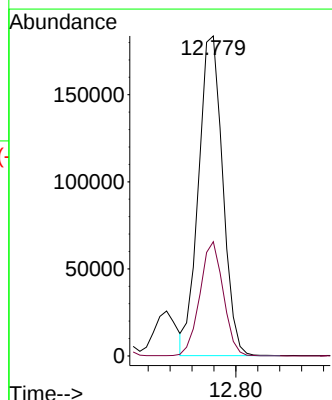
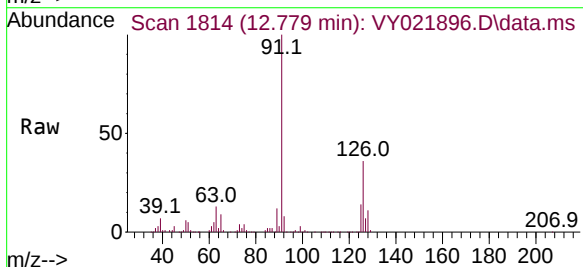
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

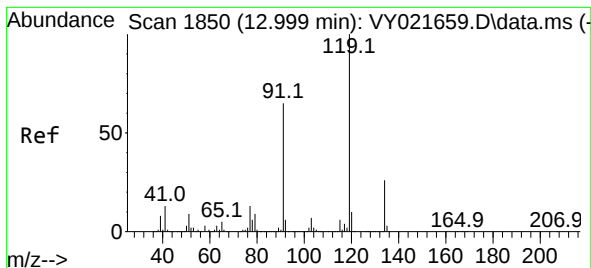
Tgt Ion:	75	Resp:	20024
Ion	Ratio	Lower	Upper
75	100		
53	99.2	76.1	114.1
89	46.9	36.2	54.4



#82
4-Chlorotoluene
Concen: 52.776 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion:	91	Resp:	281320
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.0	50.9





#83

tert-Butylbenzene

Concen: 56.860 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

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

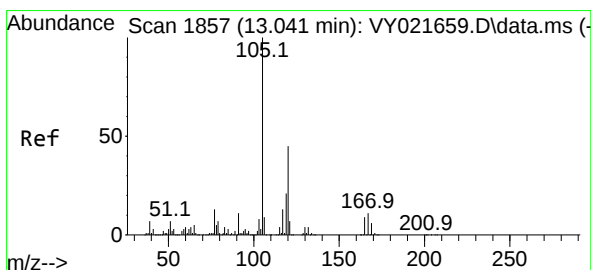
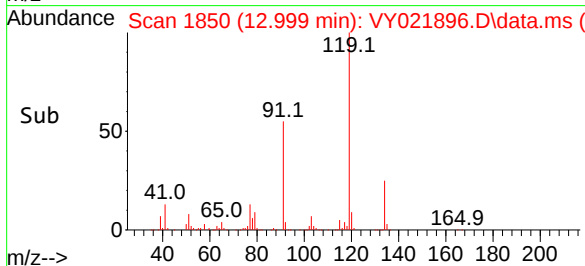
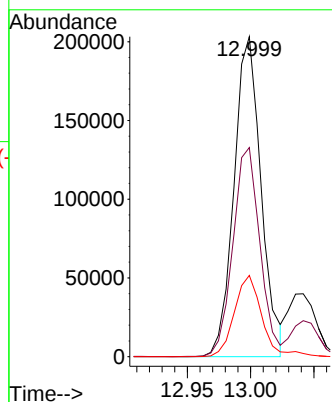
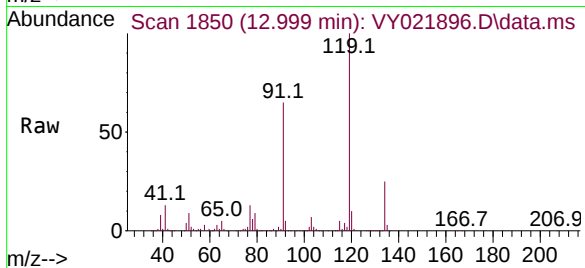
Tgt Ion:119 Resp: 303077

Ion Ratio Lower Upper

119 100

91 65.2 32.6 97.7

134 25.9 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 55.974 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021896.D

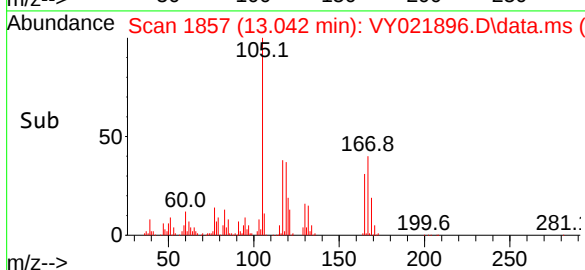
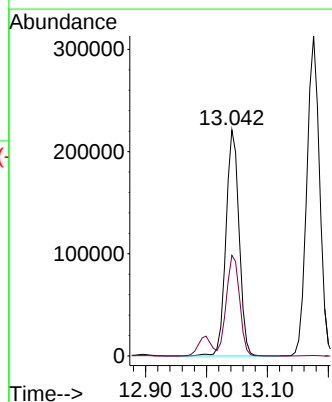
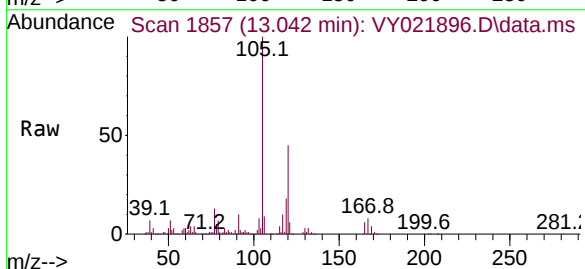
Acq: 15 Apr 2025 15:11

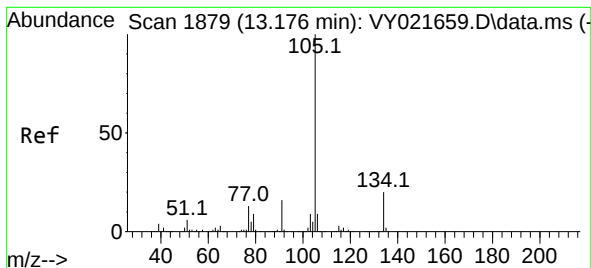
Tgt Ion:105 Resp: 331069

Ion Ratio Lower Upper

105 100

120 44.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 58.143 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

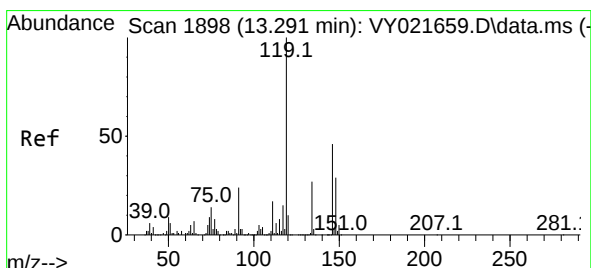
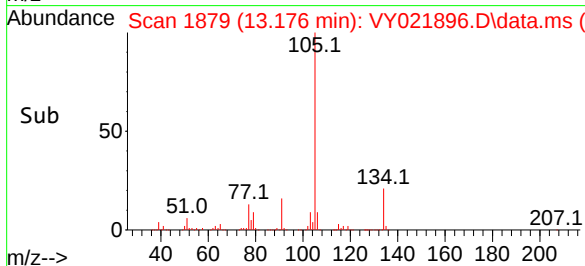
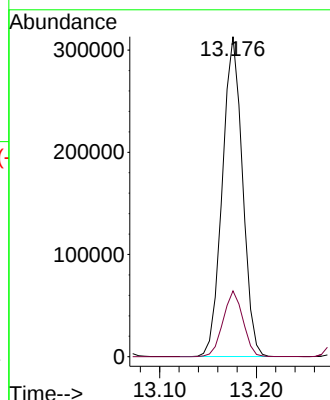
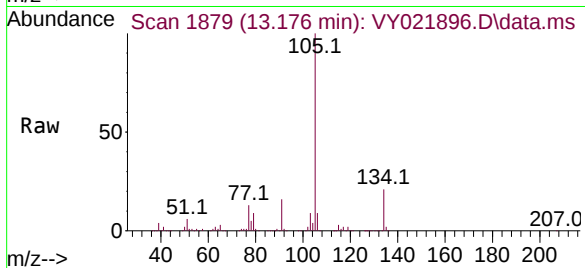
S-872-G1-SO-20.0-20.5-041025MSD

Tgt Ion:105 Resp: 452912

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 57.671 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

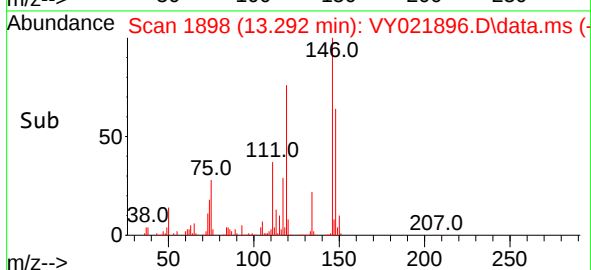
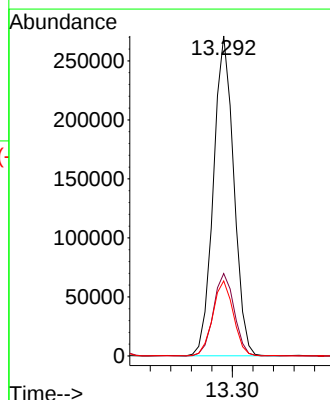
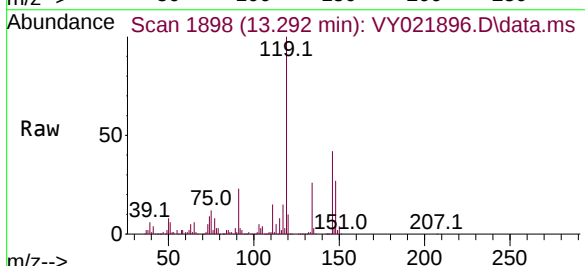
Tgt Ion:119 Resp: 371295

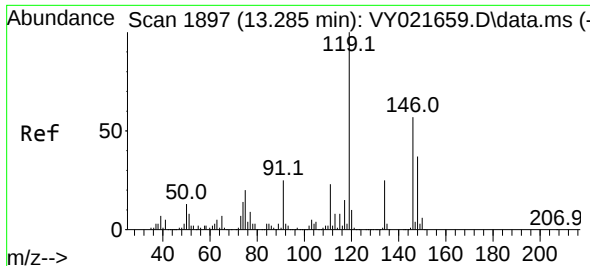
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 23.7 12.0 36.0

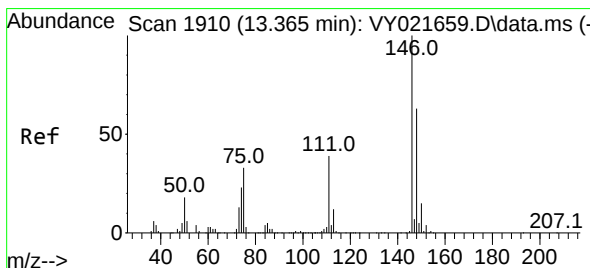
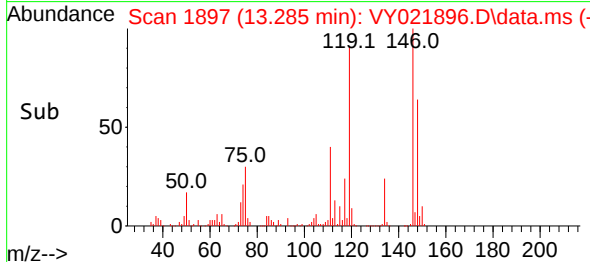
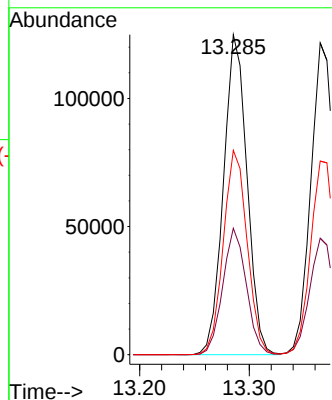
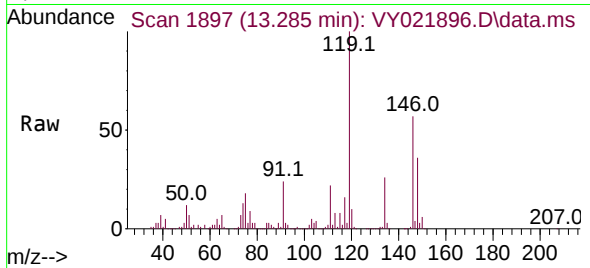




#87
 1,3-Dichlorobenzene
 Concen: 53.819 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY021896.D
 Acq: 15 Apr 2025 15:11

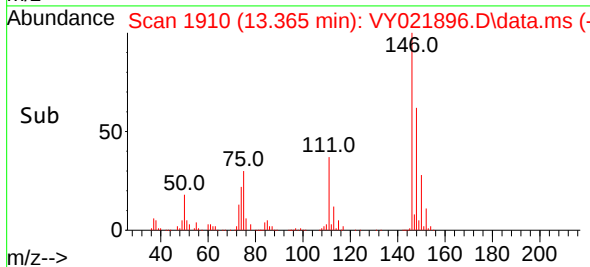
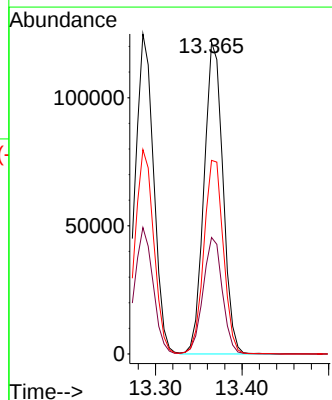
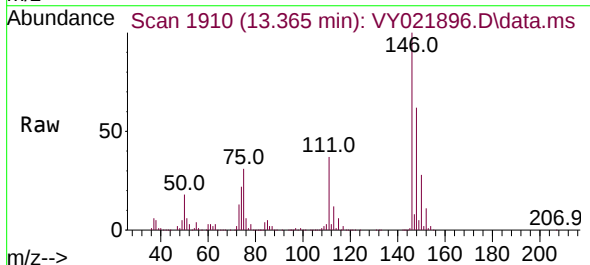
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-872-G1-SO-20.0-20.5-041025MSD

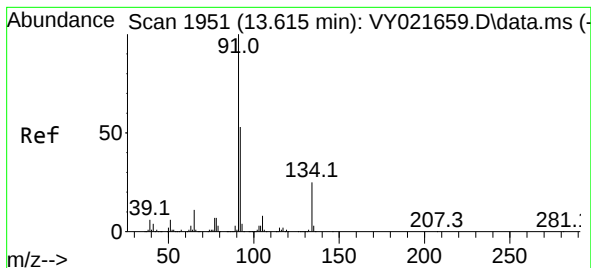
Tgt Ion:146 Resp: 186413
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 60.0
 148 64.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 53.936 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021896.D
 Acq: 15 Apr 2025 15:11

Tgt Ion:146 Resp: 184578
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.1
 148 64.0 31.5 94.5

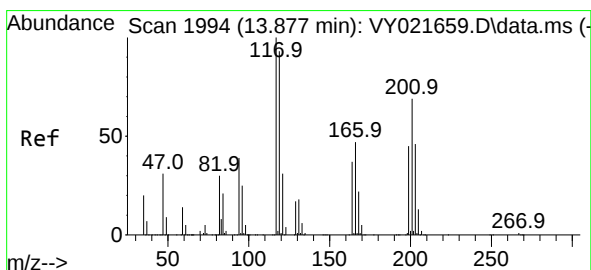
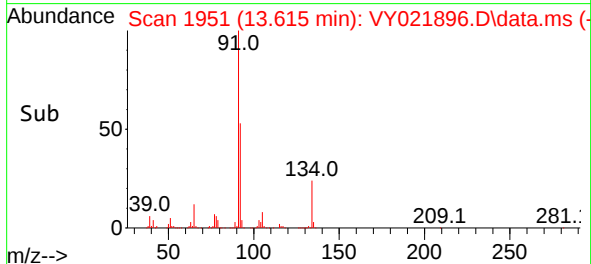
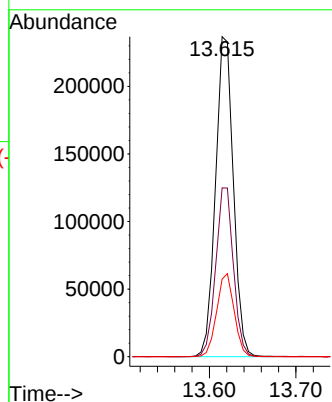
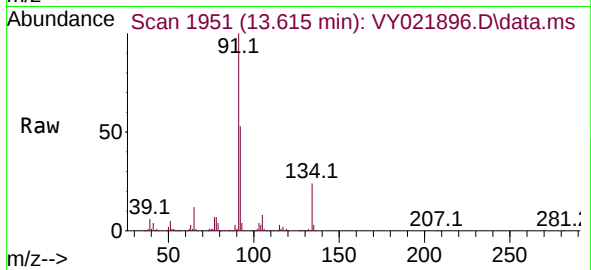




#89
n-Butylbenzene
Concen: 56.894 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

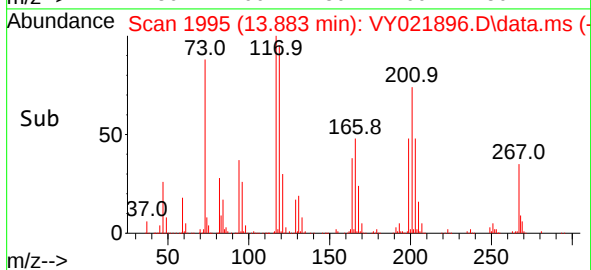
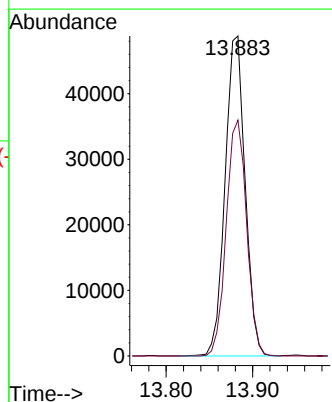
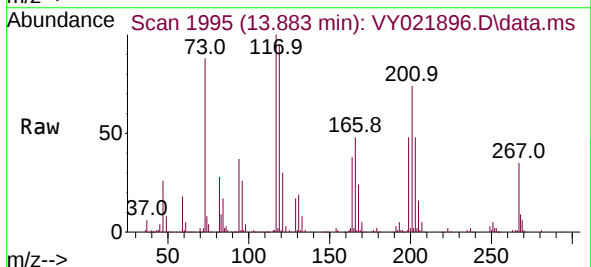
Instrument :
MSVOA_Y
ClientSampleId :
S-872-G1-SO-20.0-20.5-041025MSD

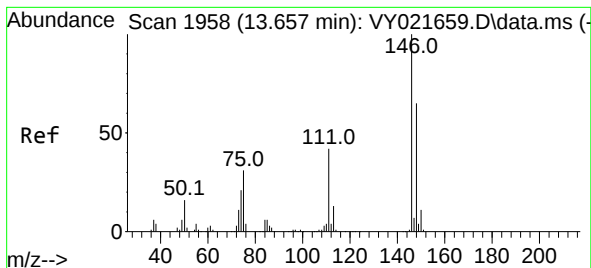
Tgt Ion: 91 Resp: 338751
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 25.4 12.8 38.4



#90
Hexachloroethane
Concen: 55.573 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.006 min
Lab File: VY021896.D
Acq: 15 Apr 2025 15:11

Tgt Ion: 117 Resp: 78405
Ion Ratio Lower Upper
117 100
201 75.0 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 55.326 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

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

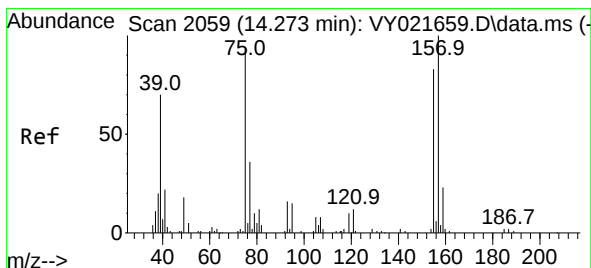
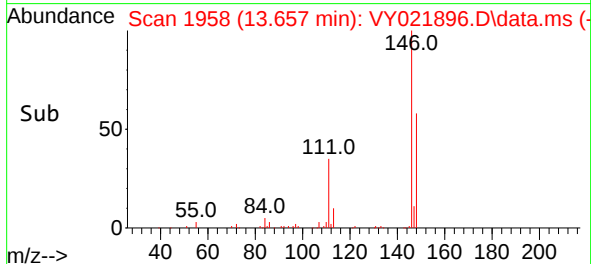
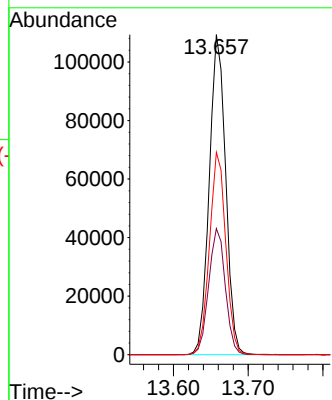
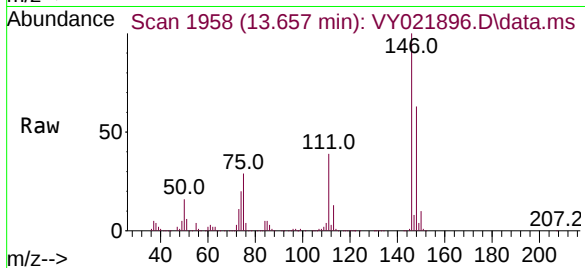
Tgt Ion:146 Resp: 166819

Ion Ratio Lower Upper

146 100

111 39.9 20.7 62.1

148 63.0 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.171 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

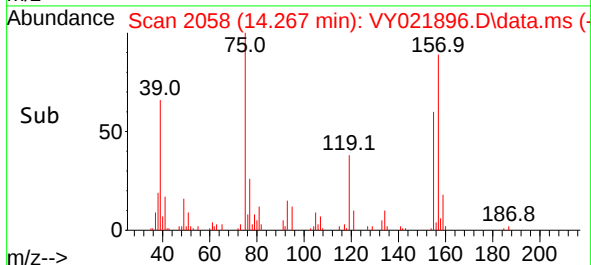
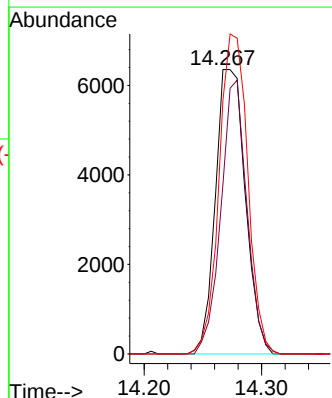
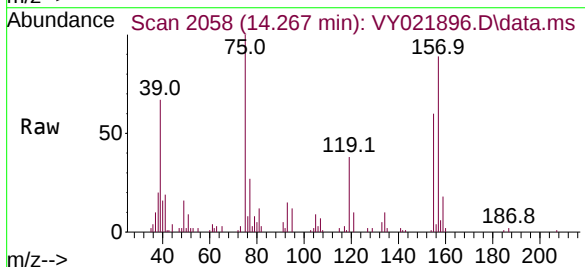
Tgt Ion: 75 Resp: 11257

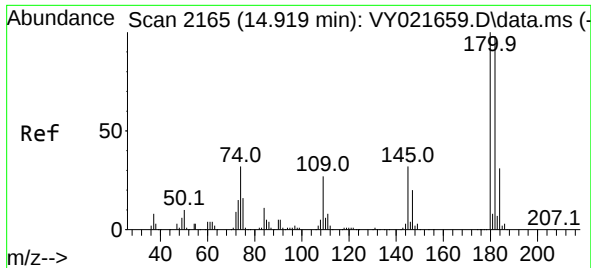
Ion Ratio Lower Upper

75 100

155 83.5 43.0 128.8

157 107.4 54.0 162.0

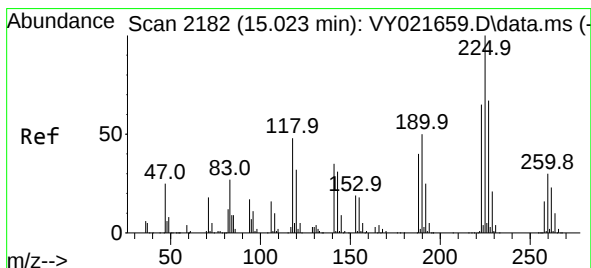
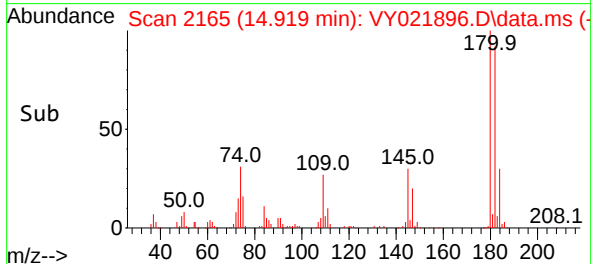
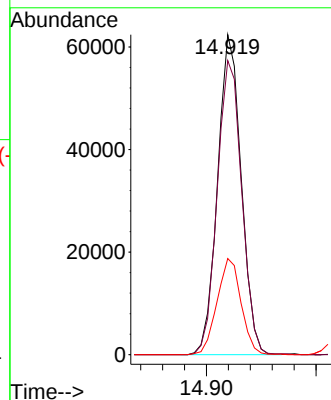
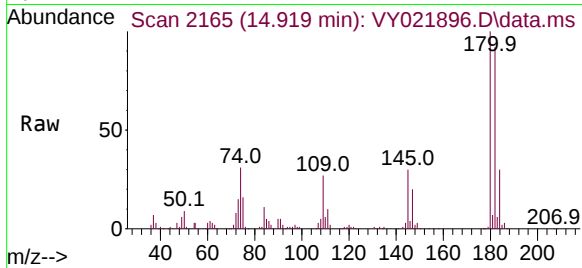




#93
 1,2,4-Trichlorobenzene
 Concen: 57.091 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY021896.D
 Acq: 15 Apr 2025 15:11

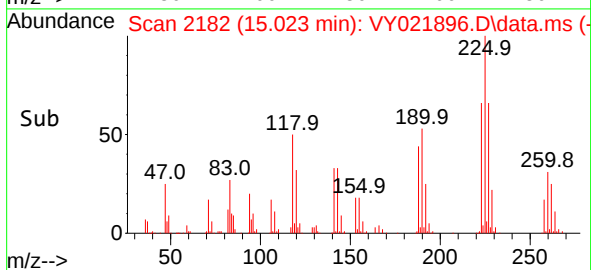
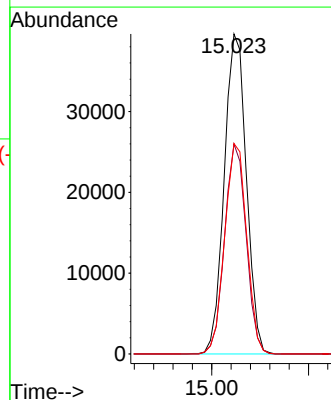
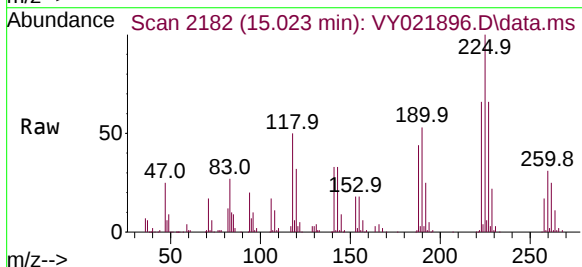
Instrument :
 MSVOA_Y
 ClientSampleId :
 S-872-G1-SO-20.0-20.5-041025MSD

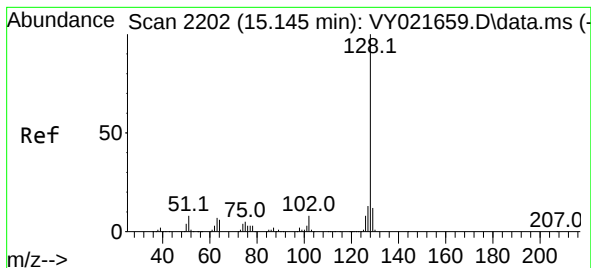
Tgt Ion:	180	Resp:	93351
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.5	142.6
145	30.6	14.9	44.9



#94
 Hexachlorobutadiene
 Concen: 61.453 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY021896.D
 Acq: 15 Apr 2025 15:11

Tgt Ion:	225	Resp:	62755
Ion Ratio	Lower	Upper	
225	100		
223	63.7	31.9	95.7
227	65.4	32.4	97.0





#95

Naphthalene

Concen: 59.898 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Instrument :

MSVOA_Y

ClientSampleId :

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

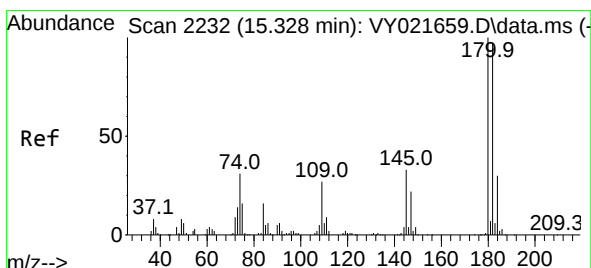
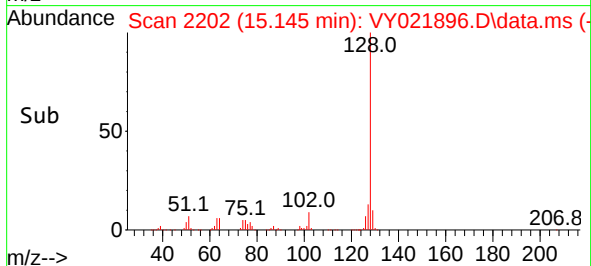
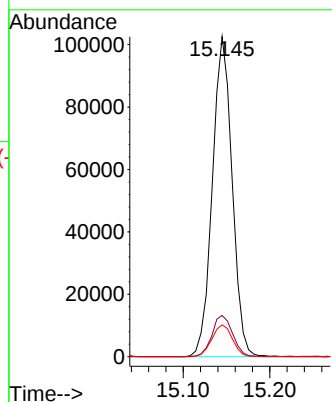
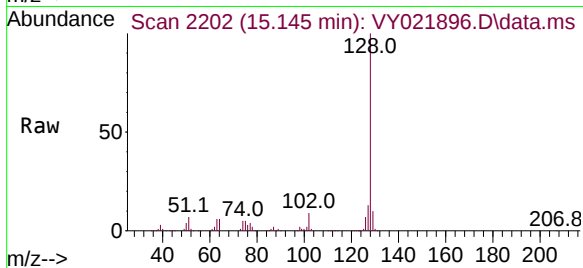
Tgt Ion:128 Resp: 162339

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 10.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 58.568 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021896.D

Acq: 15 Apr 2025 15:11

Tgt Ion:180 Resp: 81664

Ion Ratio Lower Upper

180 100

182 97.1 47.5 142.5

145 32.2 15.9 47.7

