

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
 Data File : VY021661.D
 Acq On : 27 Mar 2025 12:02
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 28 02:18:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:08:57 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	259676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	412304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	367282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	177289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	404952	143.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 287.860%#	
35) Dibromofluoromethane	7.634	113	387439	144.862	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 289.720%#	
50) Toluene-d8	10.109	98	1485725	146.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 292.040%#	
62) 4-Bromofluorobenzene	12.408	95	503406	146.271	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 292.540%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	348314	129.414	ug/l	99
3) Chloromethane	2.068	50	501654	132.551	ug/l	100
4) Vinyl Chloride	2.202	62	555909	129.884	ug/l	99
5) Bromomethane	2.580	94	394188	135.035	ug/l	99
6) Chloroethane	2.727	64	370633	132.337	ug/l	98
7) Trichlorofluoromethane	3.050	101	712314	129.919	ug/l	99
8) Diethyl Ether	3.452	74	206844	138.727	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.812	101	368788	127.532	ug/l	99
10) Methyl Iodide	4.001	142	483364	152.366	ug/l	99
11) Tert butyl alcohol	4.860	59	126577	692.642	ug/l	97
12) 1,1-Dichloroethene	3.787	96	371412	136.361	ug/l	97
13) Acrolein	3.647	56	236449	708.604	ug/l	99
14) Allyl chloride	4.379	41	623865	143.656	ug/l	100
15) Acrylonitrile	5.055	53	439757	706.375	ug/l	99
16) Acetone	3.867	43	395370	686.626	ug/l	99
17) Carbon Disulfide	4.104	76	1209296	134.797	ug/l	99
18) Methyl Acetate	4.379	43	199951	140.110	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	1006156	148.374	ug/l	98
20) Methylene Chloride	4.616	84	400434	149.840	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	417906	139.351	ug/l	98
22) Diisopropyl ether	6.019	45	1325167	145.463	ug/l	98
23) Vinyl Acetate	5.958	43	3993494	749.332	ug/l	99
24) 1,1-Dichloroethane	5.915	63	753930	138.403	ug/l	100
25) 2-Butanone	6.890	43	603028	733.215	ug/l	99
26) 2,2-Dichloropropane	6.884	77	678134	139.949	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	490349	145.395	ug/l	99
28) Bromochloromethane	7.244	49	313542	136.480	ug/l	99
29) Tetrahydrofuran	7.262	42	379413	716.799	ug/l	98
30) Chloroform	7.421	83	779319	137.548	ug/l	98
31) Cyclohexane	7.701	56	637533	128.388	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	696016	135.918	ug/l	99
36) 1,1-Dichloropropene	7.835	75	556974	136.722	ug/l	99
37) Ethyl Acetate	6.982	43	259188	134.812	ug/l	100
38) Carbon Tetrachloride	7.817	117	627331	134.452	ug/l	98
39) Methylcyclohexane	9.110	83	679694	139.666	ug/l	99
40) Benzene	8.079	78	1695962	139.014	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	143387	140.447	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	468317	136.165	ug/l	100
43) Isopropyl Acetate	8.195	43	527316	144.731	ug/l #	87
44) Trichloroethene	8.866	130	430629	138.536	ug/l	99
45) 1,2-Dichloropropane	9.140	63	401955	139.191	ug/l	99
46) Dibromomethane	9.231	93	228287	137.167	ug/l	98
47) Bromodichloromethane	9.420	83	598421	138.764	ug/l	98
48) Methyl methacrylate	9.219	41	251339	150.306	ug/l	99
49) 1,4-Dioxane	9.225	88	53338	2991.658	ug/l	94
51) 4-Methyl-2-Pentanone	10.000	43	1397678	737.160	ug/l	100
52) Toluene	10.170	92	1094229	143.758	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	570388	148.908	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	660476	146.159	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	296412	138.396	ug/l	99
56) Ethyl methacrylate	10.439	69	443517	162.176	ug/l	98
57) 1,3-Dichloropropane	10.719	76	517706	139.961	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	1061779	795.867	ug/l	100
59) 2-Hexanone	10.762	43	955051	756.341	ug/l	99
60) Dibromochloromethane	10.908	129	417230	142.682	ug/l	99
61) 1,2-Dibromoethane	11.018	107	283453	141.082	ug/l	98
64) Tetrachloroethene	10.646	164	421368	125.966	ug/l	98
65) Chlorobenzene	11.444	112	1182770	140.483	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	420924	140.910	ug/l	100
67) Ethyl Benzene	11.518	91	2131884	147.665	ug/l	100
68) m/p-Xylenes	11.627	106	1610305	291.277	ug/l	100
69) o-Xylene	11.957	106	764721	149.852	ug/l	98
70) Styrene	11.969	104	1300778	152.877	ug/l	99
71) Bromoform	12.133	173	244045	143.224	ug/l #	99
73) Isopropylbenzene	12.255	105	1969094	149.537	ug/l	99
74) N-amyl acetate	12.072	43	498903	161.437	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	335483	141.706	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	459355	261.385	ug/l #	100
77) Bromobenzene	12.530	156	461221	145.881	ug/l	99
78) n-propylbenzene	12.597	91	2344286	148.082	ug/l	100
79) 2-Chlorotoluene	12.682	91	1343328	146.095	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1607812	149.397	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	119086	156.137	ug/l	99
82) 4-Chlorotoluene	12.780	91	1386233	144.608	ug/l	100
83) tert-Butylbenzene	12.999	119	1444053	150.647	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1616812	152.003	ug/l	100
85) sec-Butylbenzene	13.176	105	2052157	146.493	ug/l	99
86) p-Isopropyltoluene	13.292	119	1769866	152.863	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	898070	144.177	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	864599	140.489	ug/l	99
89) n-Butylbenzene	13.615	91	1609064	150.273	ug/l	99
90) Hexachloroethane	13.883	117	363244	143.167	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	779021	143.668	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	54066	147.345	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	472845	160.803	ug/l	99
94) Hexachlorobutadiene	15.023	225	261678	142.491	ug/l	98
95) Naphthalene	15.145	128	859499	176.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	400315	159.646	ug/l	100

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QLast Update : Fri Mar 28 02:08:57 2025
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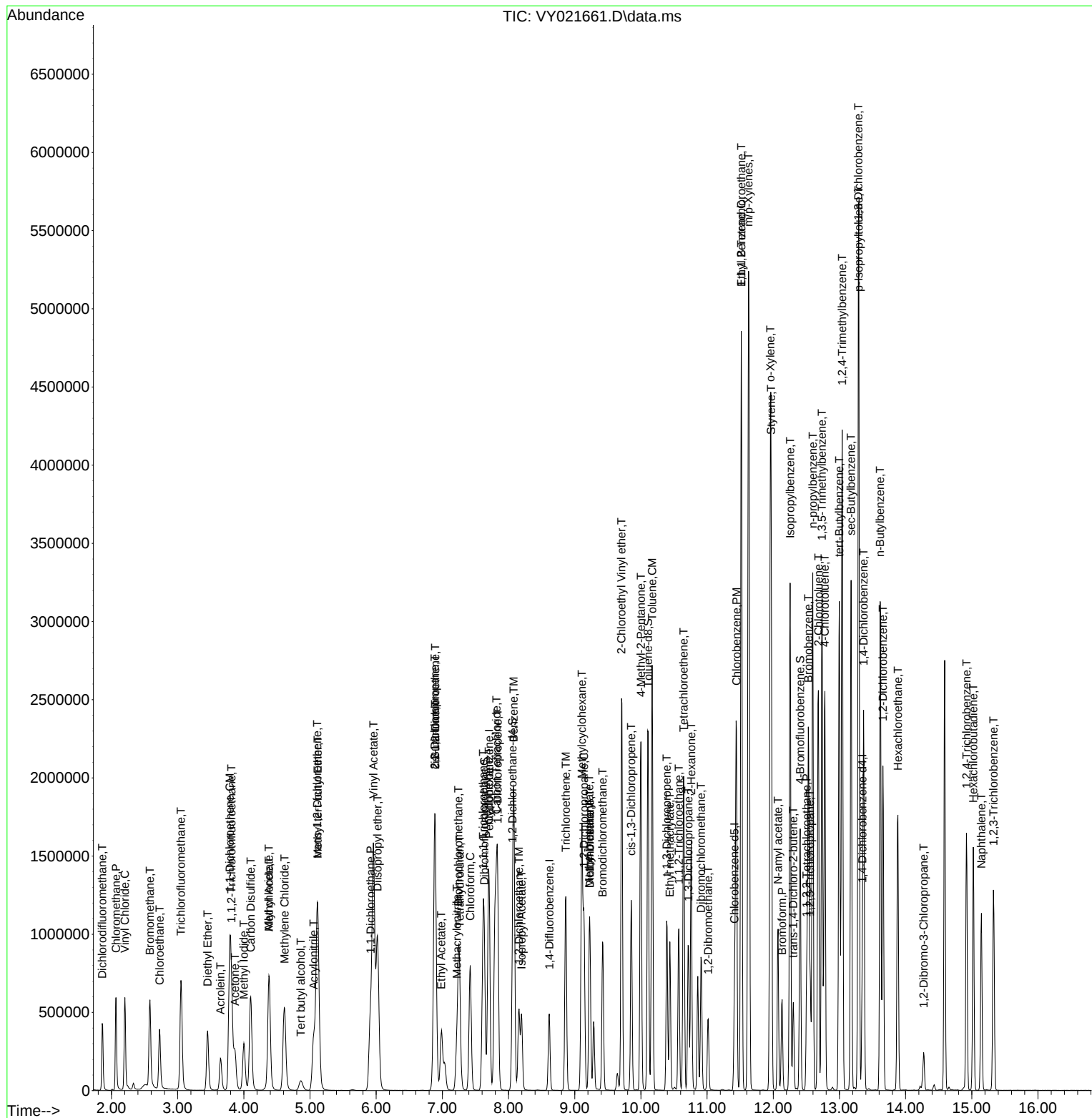
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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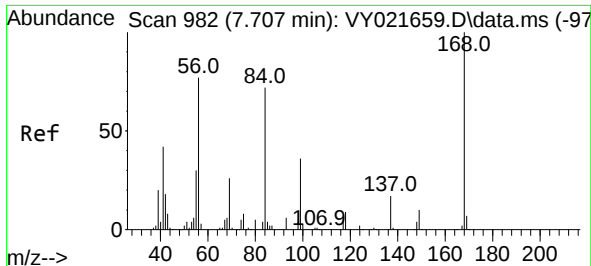
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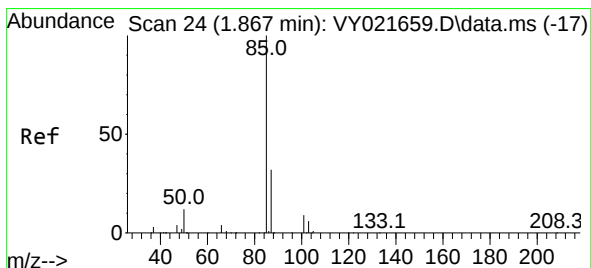
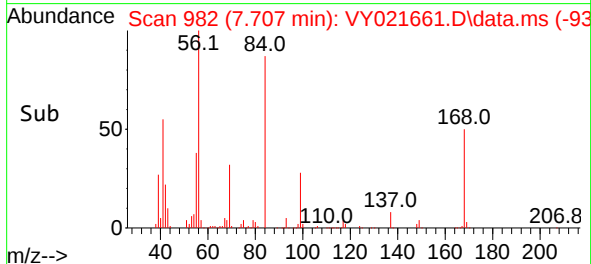
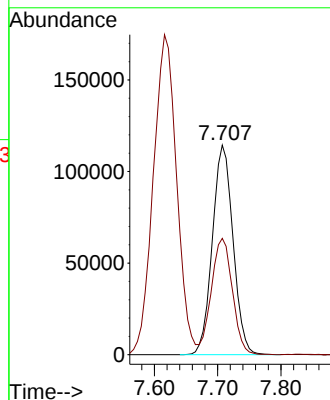
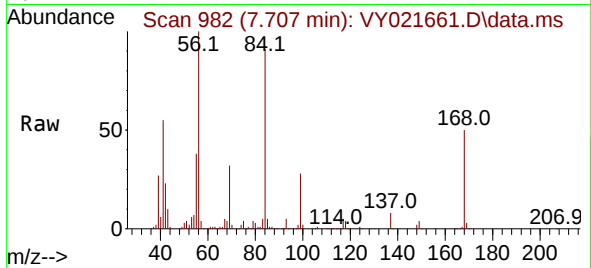




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021661.D
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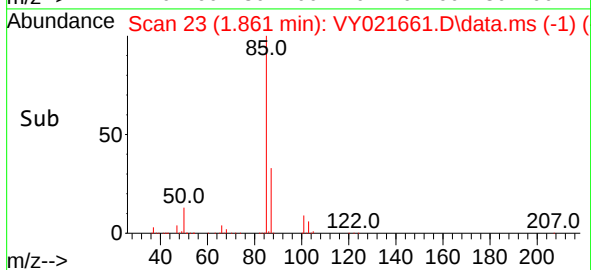
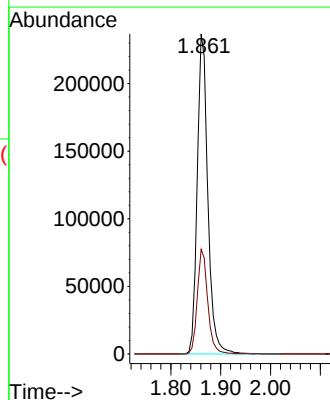
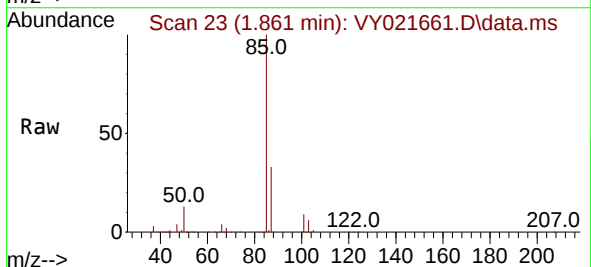
Instrument :
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ClientSampleId :
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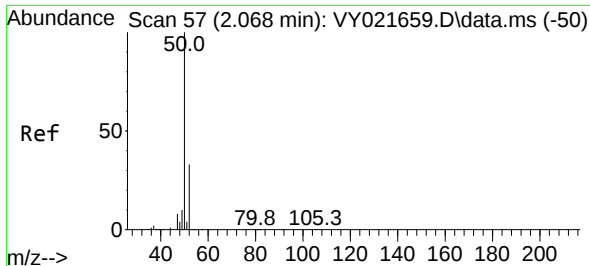
Tgt Ion:168 Resp: 259676
Ion Ratio Lower Upper
168 100
99 55.5 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 129.414 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 85 Resp: 348314
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.6

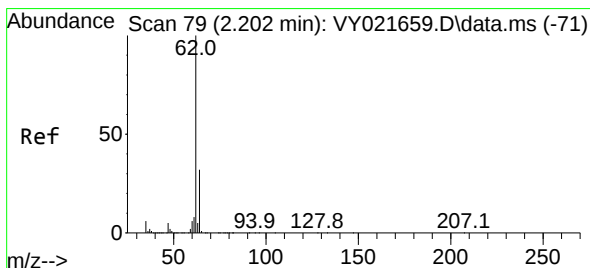
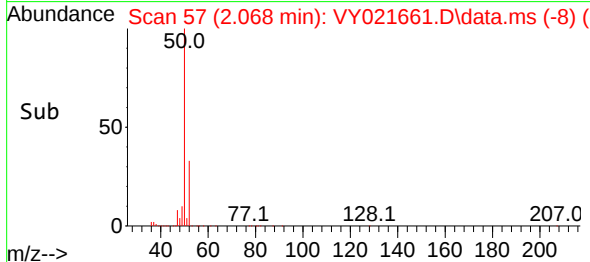
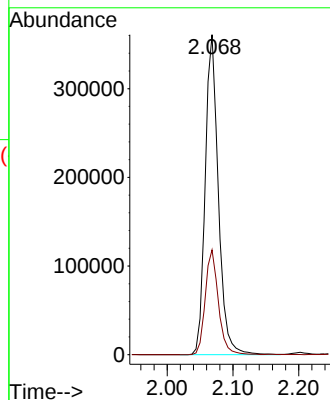
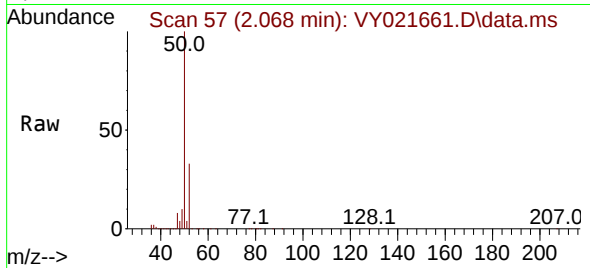




#3
Chloromethane
Concen: 132.551 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

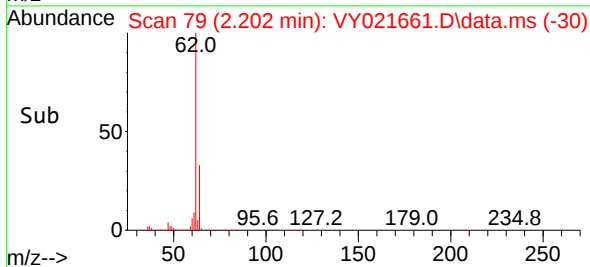
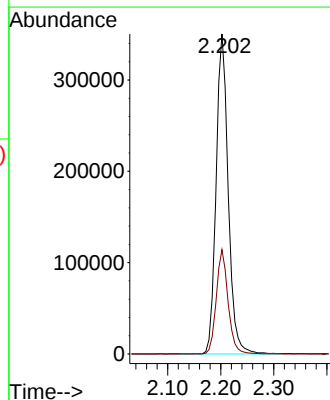
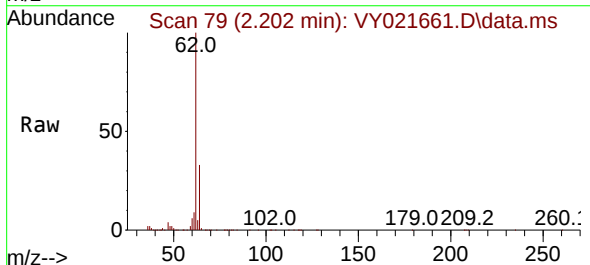
Instrument :
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ClientSampleId :
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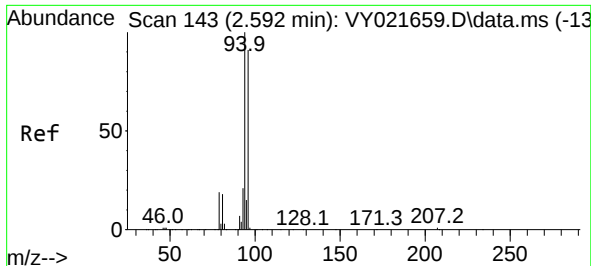
Tgt Ion: 50 Resp: 501654
Ion Ratio Lower Upper
50 100
52 32.7 26.3 39.5



#4
Vinyl Chloride
Concen: 129.884 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 62 Resp: 555909
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3

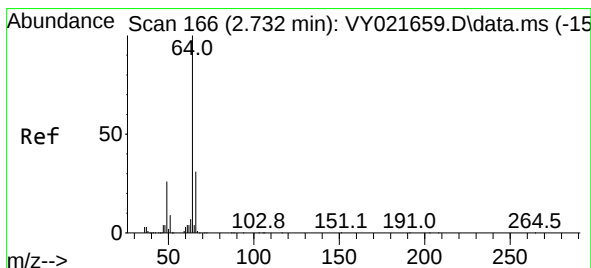
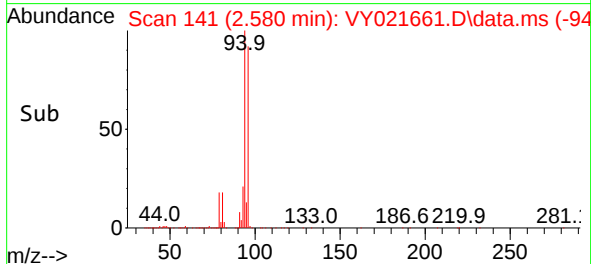
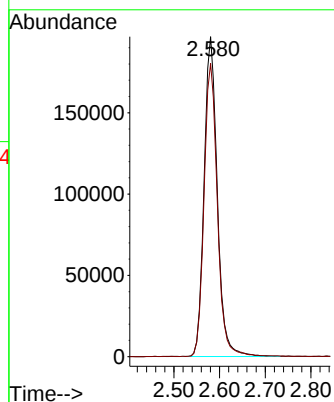
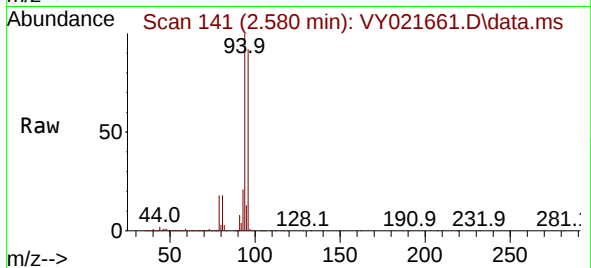




#5
Bromomethane
Concen: 135.035 ug/l
RT: 2.580 min Scan# 143
Delta R.T. -0.012 min
Lab File: VY021661.D
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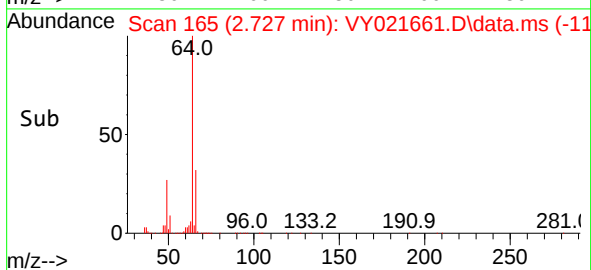
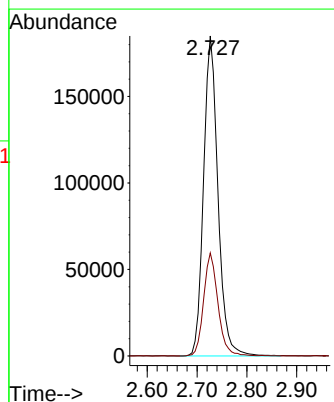
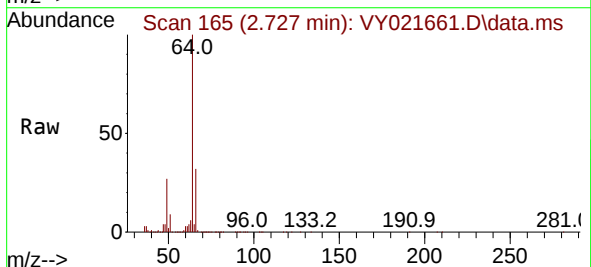
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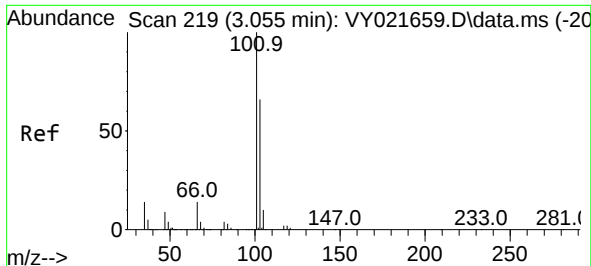
Tgt Ion: 94 Resp: 394188
Ion Ratio Lower Upper
94 100
96 91.6 72.8 109.2



#6
Chloroethane
Concen: 132.337 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 64 Resp: 370633
Ion Ratio Lower Upper
64 100
66 32.2 24.9 37.3

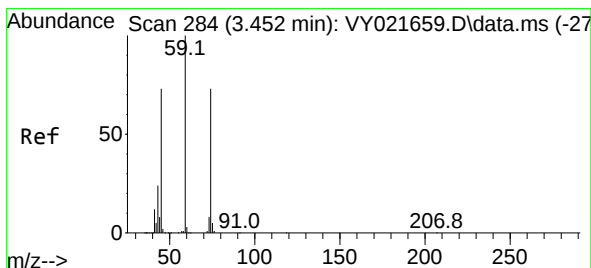
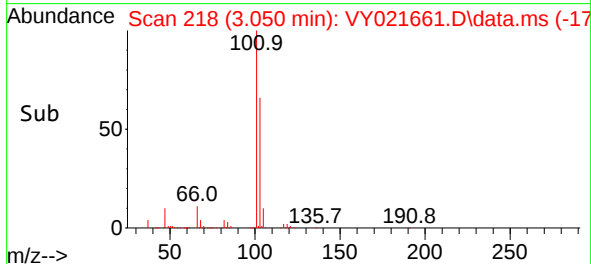
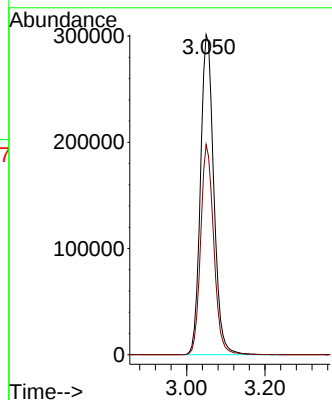
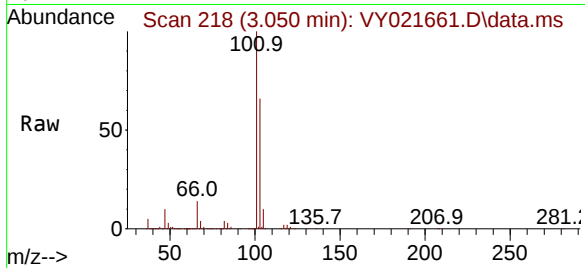




#7
 Trichlorofluoromethane
 Concen: 129.919 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY021661.D
 Acq: 27 Mar 2025 12:02

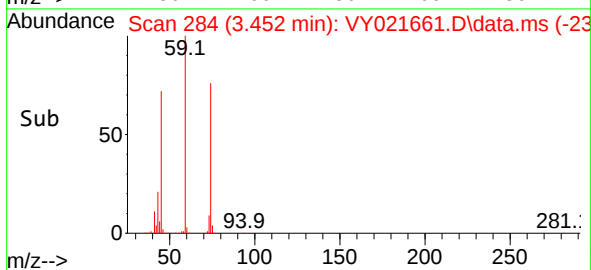
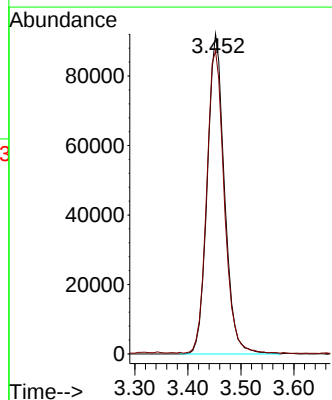
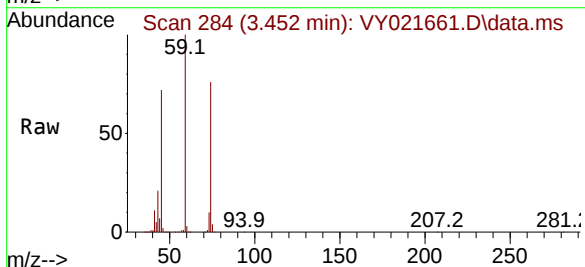
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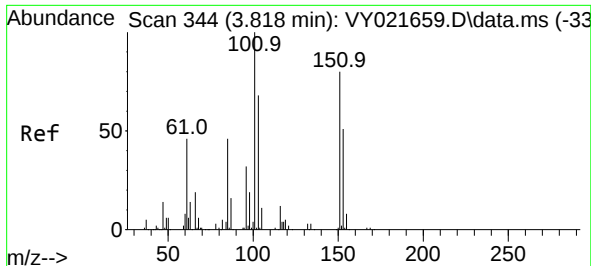
Tgt Ion:101 Resp: 712314
 Ion Ratio Lower Upper
 101 100
 103 65.6 53.1 79.7



#8
 Diethyl Ether
 Concen: 138.727 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021661.D
 Acq: 27 Mar 2025 12:02

Tgt Ion: 74 Resp: 206844
 Ion Ratio Lower Upper
 74 100
 45 96.9 48.6 145.8

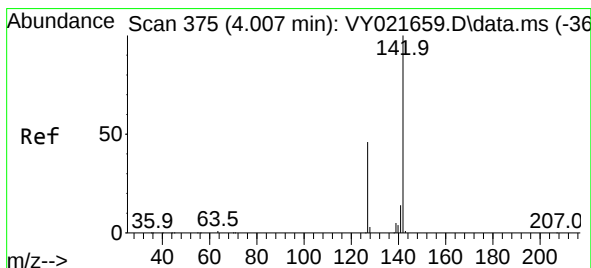
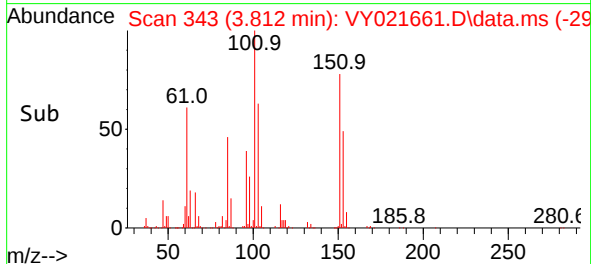
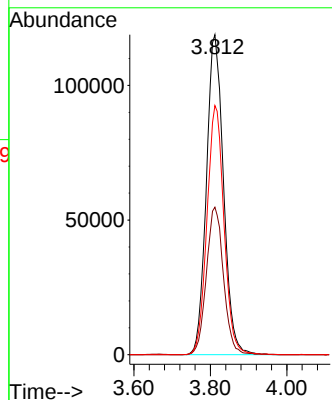
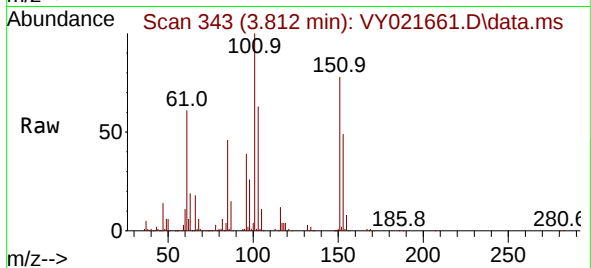




#9
1,1,2-Trichlorotrifluoroethane
Concen: 127.532 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

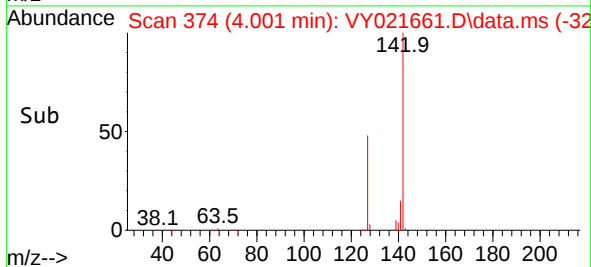
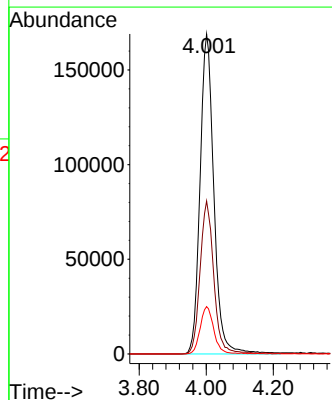
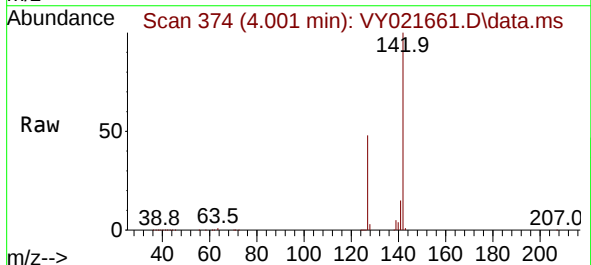
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 368788
Ion Ratio Lower Upper
101 100
85 46.2 36.3 54.5
151 77.5 61.3 91.9



#10
Methyl Iodide
Concen: 152.366 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion:142 Resp: 483364
Ion Ratio Lower Upper
142 100
127 47.4 38.7 58.1
141 14.5 11.5 17.3

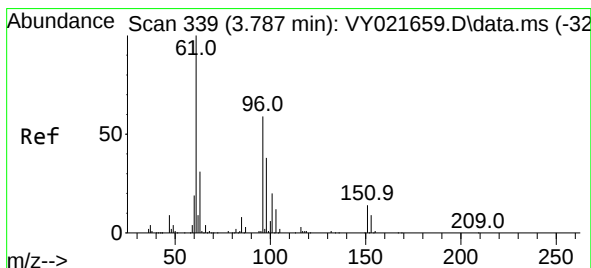
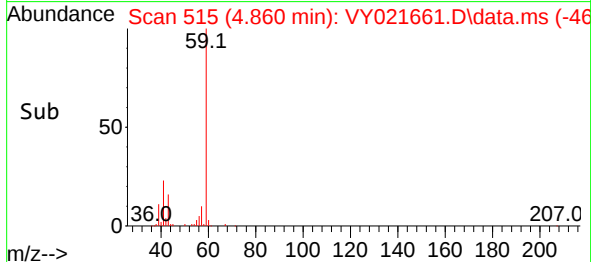
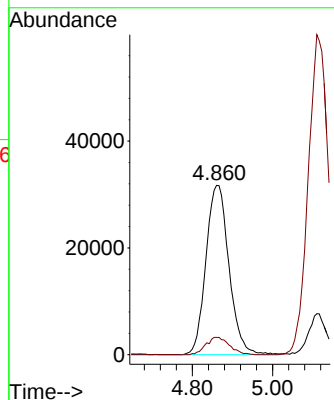
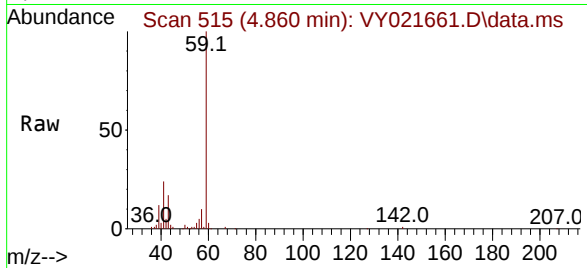




#11
Tert butyl alcohol
Concen: 692.642 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

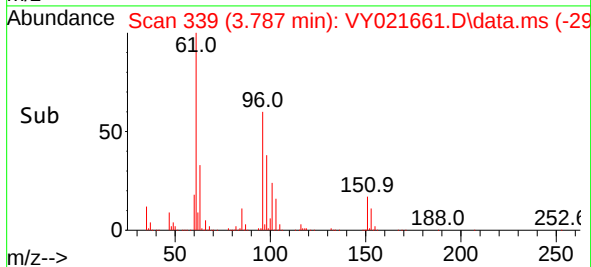
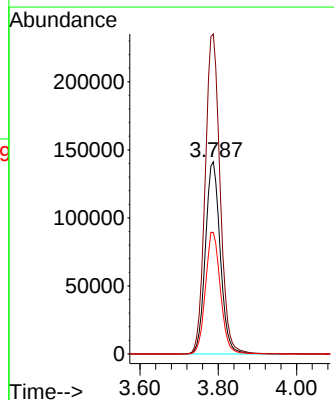
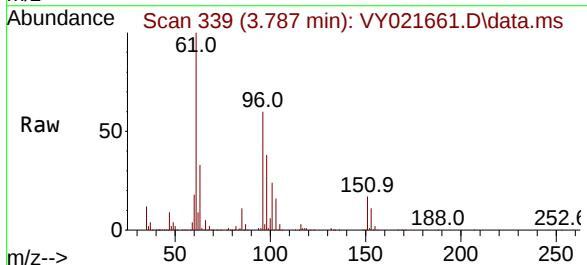
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

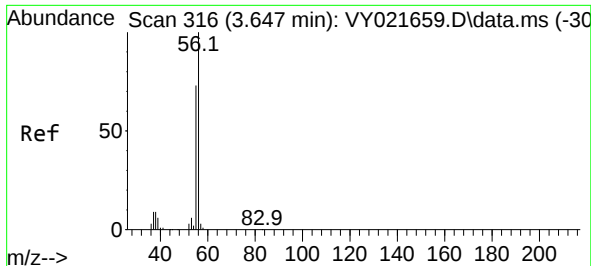
Tgt Ion: 59 Resp: 126577
Ion Ratio Lower Upper
59 100
57 10.5 9.2 13.8



#12
1,1-Dichloroethene
Concen: 136.361 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 96 Resp: 371412
Ion Ratio Lower Upper
96 100
61 166.5 136.6 204.8
98 63.3 52.3 78.5





#13

Acrolein

Concen: 708.604 ug/l

RT: 3.647 min Scan# 316

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

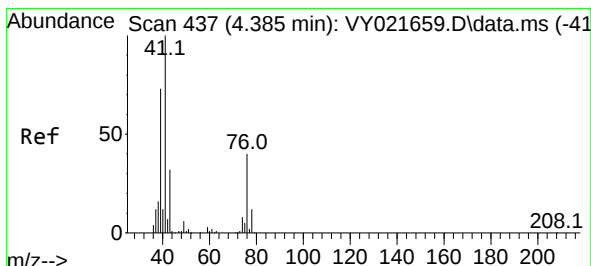
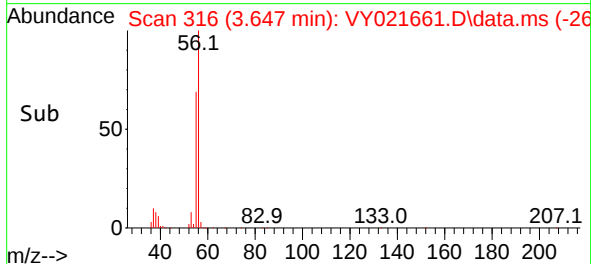
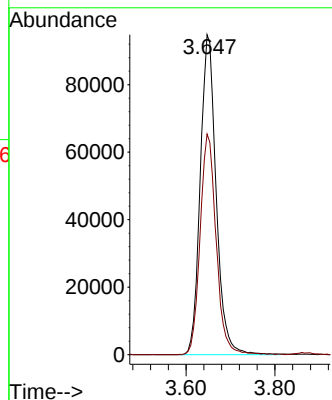
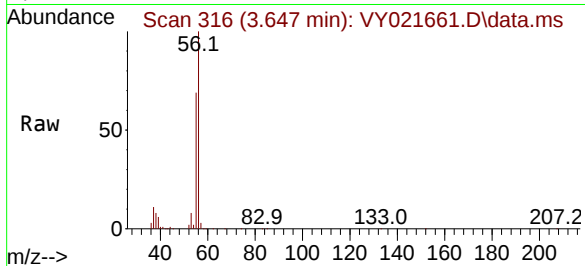
VSTDICC150

Tgt Ion: 56 Resp: 236449

Ion Ratio Lower Upper

56 100

55 69.6 56.6 85.0



#14

Allyl chloride

Concen: 143.656 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.006 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

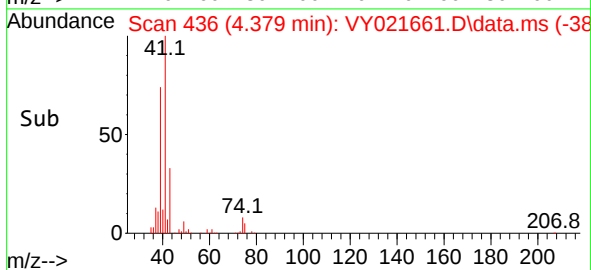
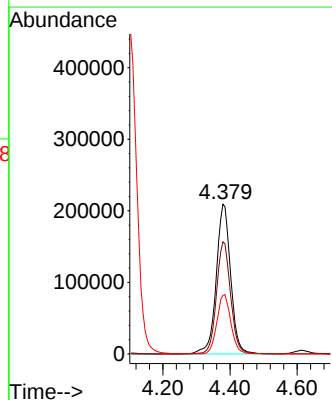
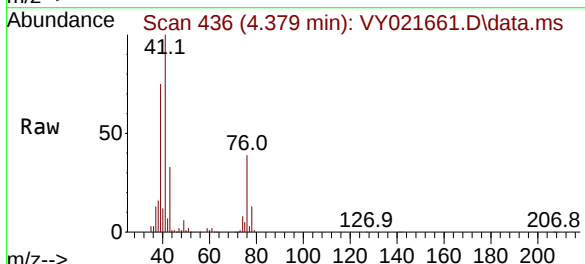
Tgt Ion: 41 Resp: 623865

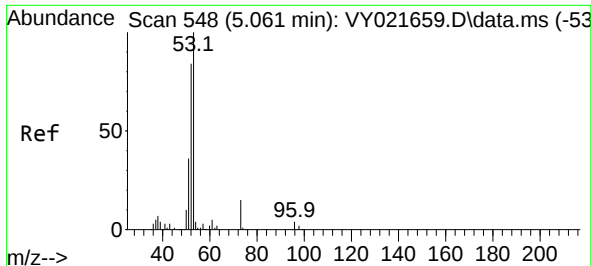
Ion Ratio Lower Upper

41 100

39 73.5 58.6 88.0

76 38.2 30.3 45.5

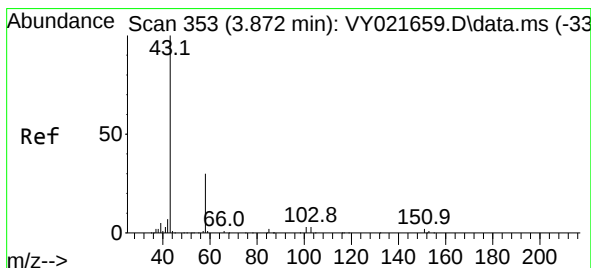
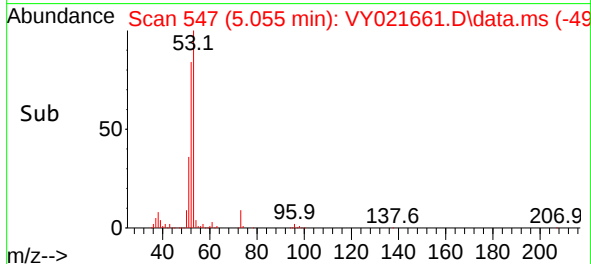
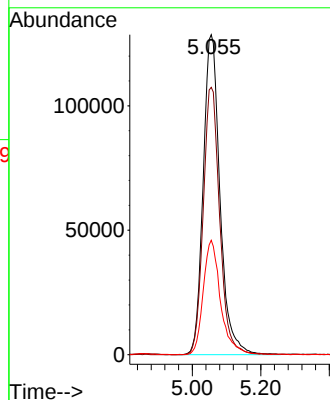
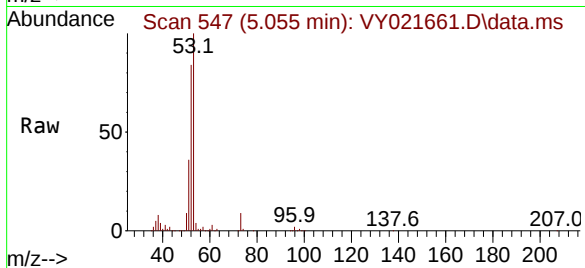




#15
Acrylonitrile
Concen: 706.375 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

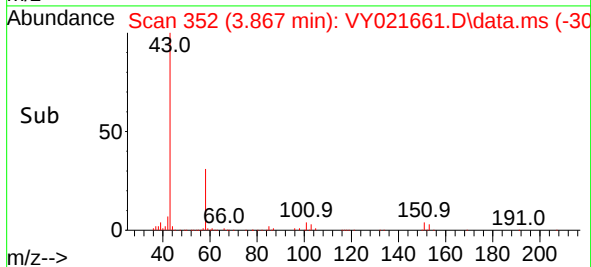
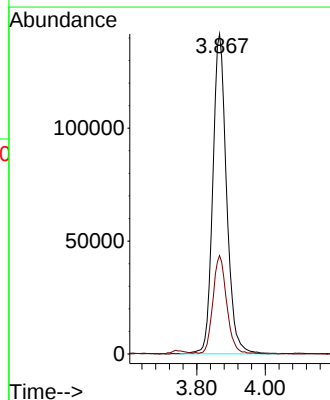
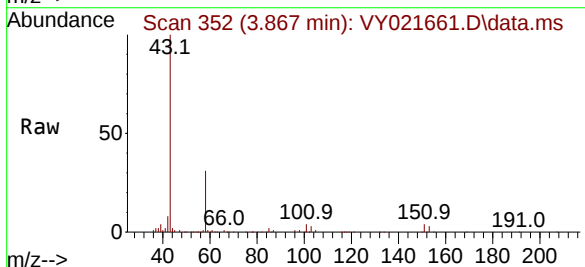
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

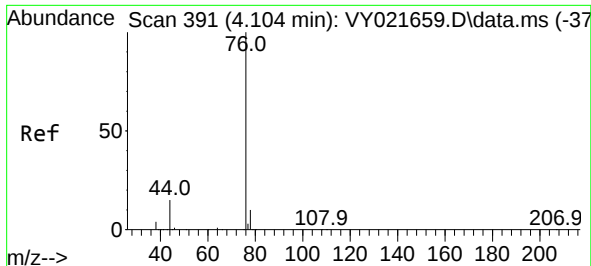
Tgt Ion: 53 Resp: 439757
Ion Ratio Lower Upper
53 100
52 82.0 64.9 97.3
51 37.0 30.2 45.2



#16
Acetone
Concen: 686.626 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 43 Resp: 395370
Ion Ratio Lower Upper
43 100
58 30.7 24.2 36.4

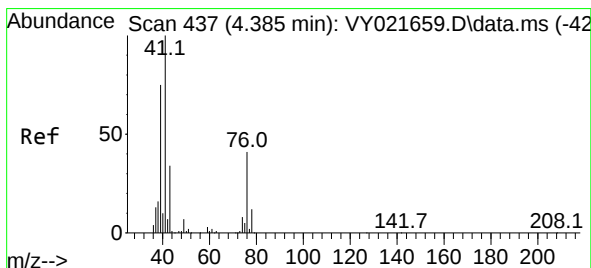
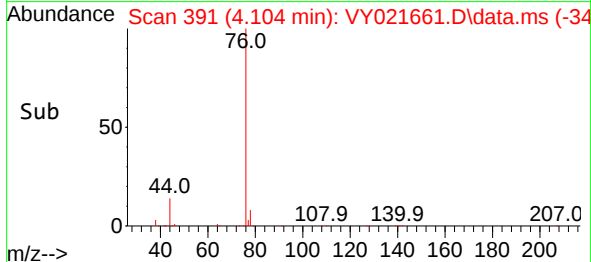
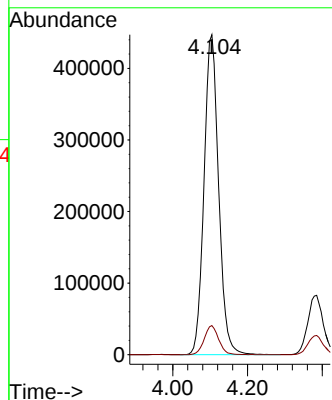
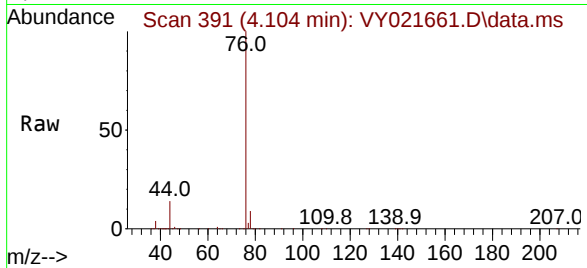




#17
Carbon Disulfide
Concen: 134.797 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

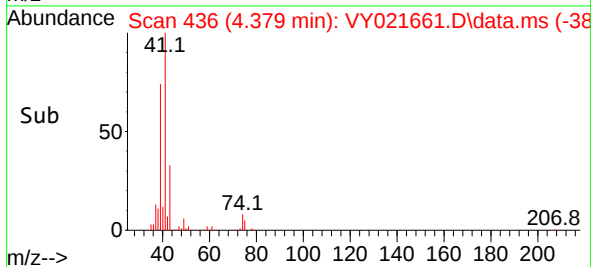
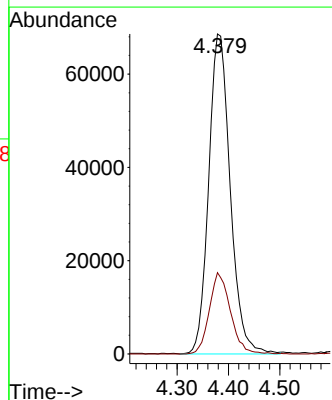
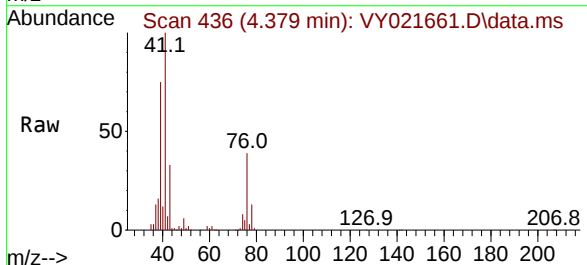
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 1209296
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 140.110 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 43 Resp: 199951
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7

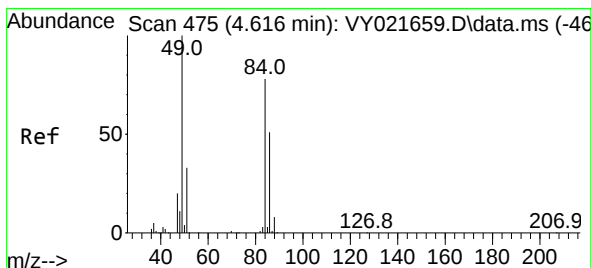
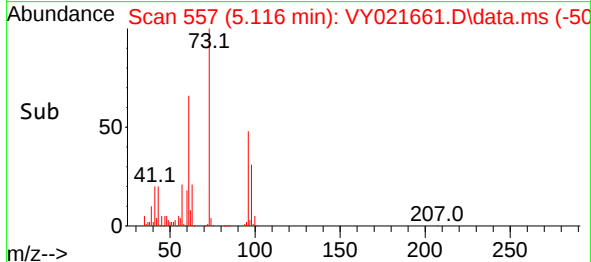
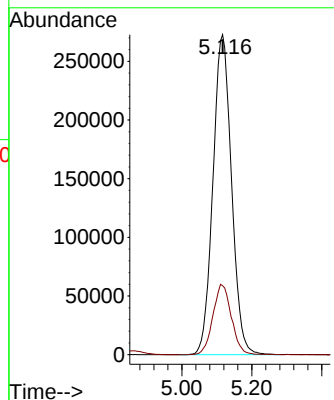
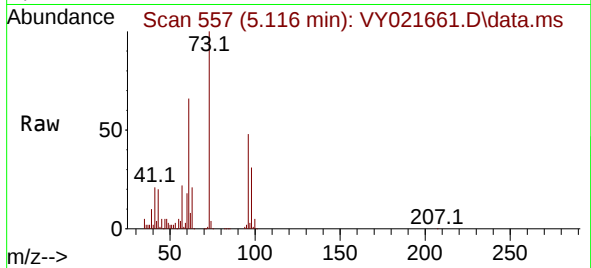




#19
Methyl tert-butyl Ether
Concen: 148.374 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

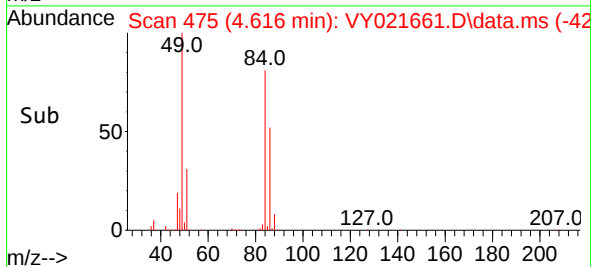
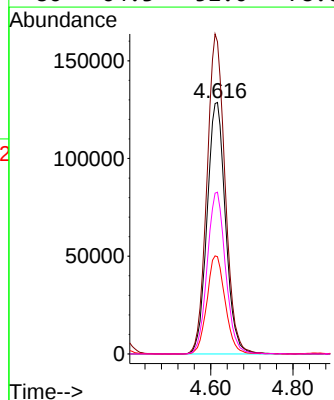
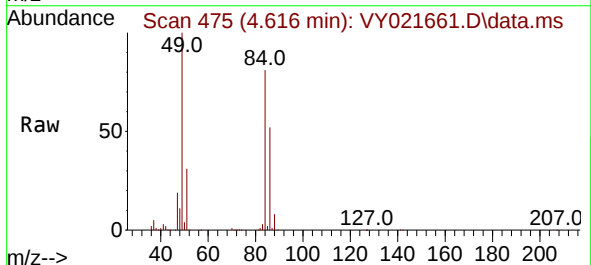
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 1006156
Ion Ratio Lower Upper
73 100
57 21.6 18.1 27.1



#20
Methylene Chloride
Concen: 149.840 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 84 Resp: 400434
Ion Ratio Lower Upper
84 100
49 124.1 102.8 154.2
51 38.6 33.5 50.3
86 64.3 52.0 78.0

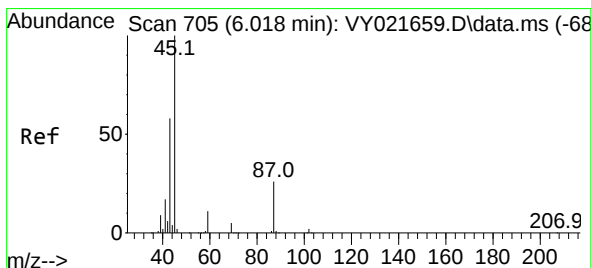
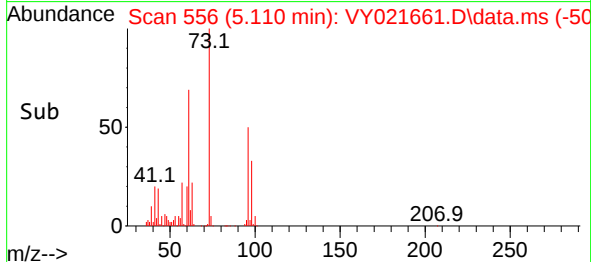
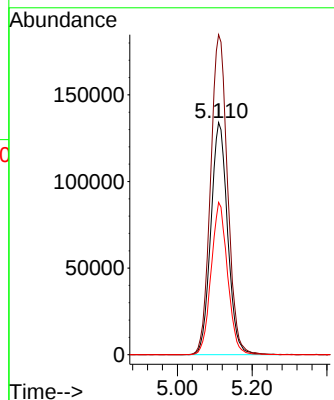
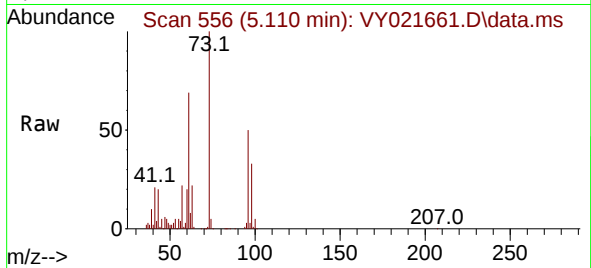




#21
trans-1,2-Dichloroethene
Concen: 139.351 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

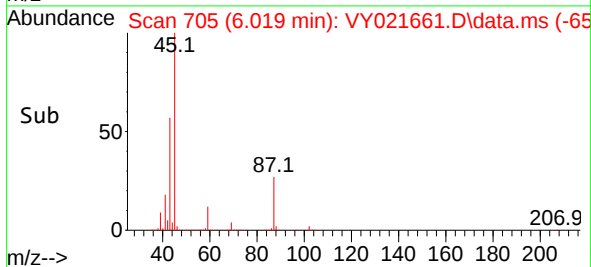
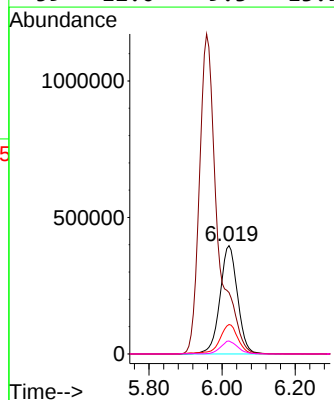
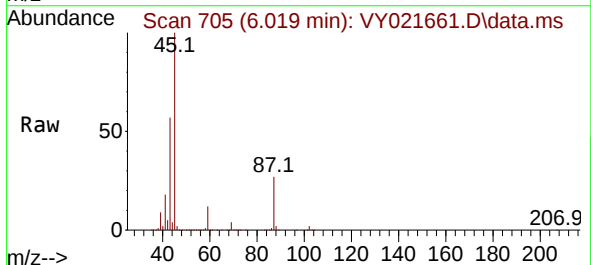
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

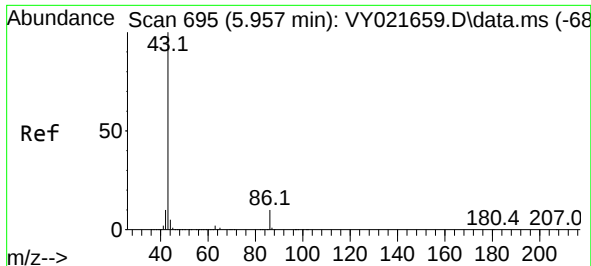
Tgt Ion: 96 Resp: 417906
Ion Ratio Lower Upper
96 100
61 137.8 109.4 164.0
98 65.6 50.2 75.2



#22
Diisopropyl ether
Concen: 145.463 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 45 Resp: 1325167
Ion Ratio Lower Upper
45 100
43 56.7 46.6 69.8
87 27.2 20.7 31.1
59 12.0 9.3 13.9





#23

Vinyl Acetate

Concen: 749.332 ug/l

RT: 5.958 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

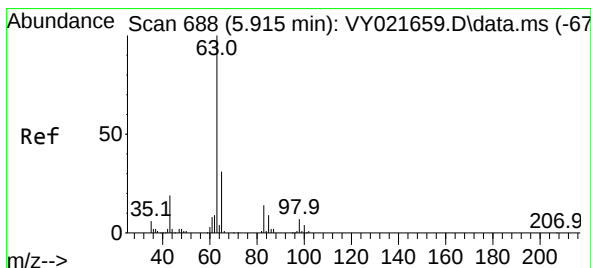
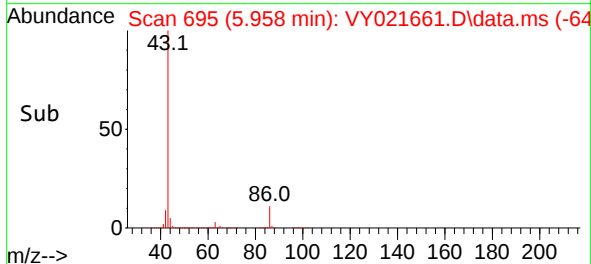
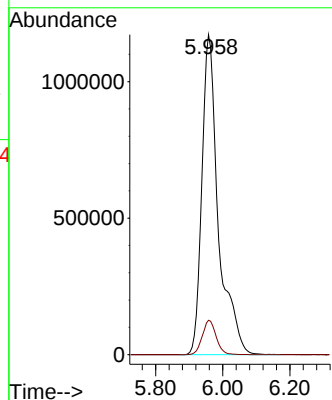
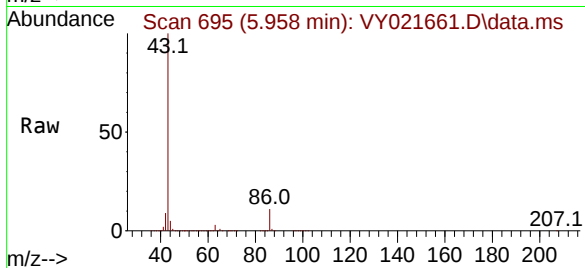
VSTDIC150

Tgt Ion: 43 Resp: 3993494

Ion Ratio Lower Upper

43 100

86 10.7 8.2 12.2



#24

1,1-Dichloroethane

Concen: 138.403 ug/l

RT: 5.915 min Scan# 688

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

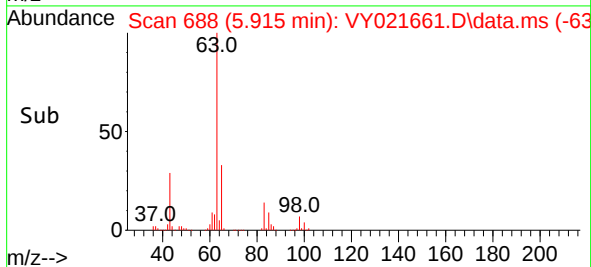
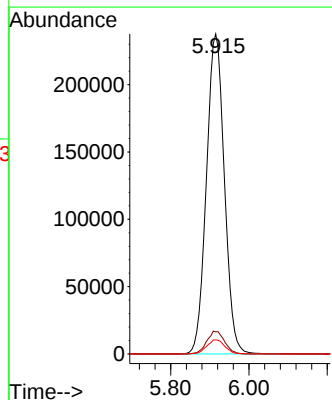
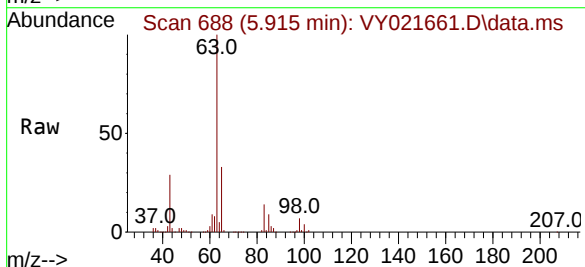
Tgt Ion: 63 Resp: 753930

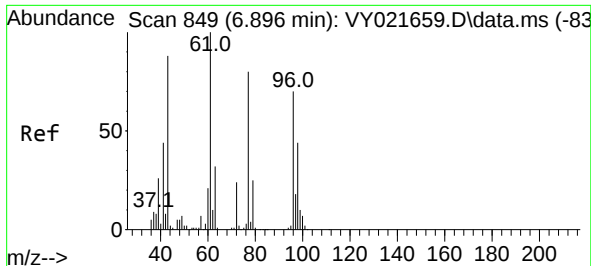
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 733.215 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

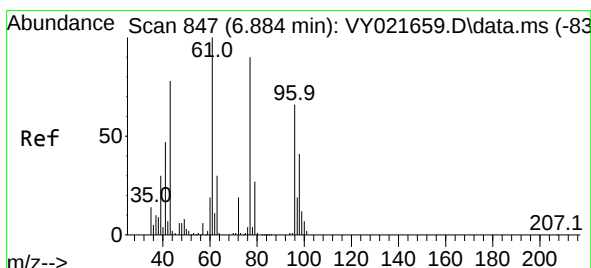
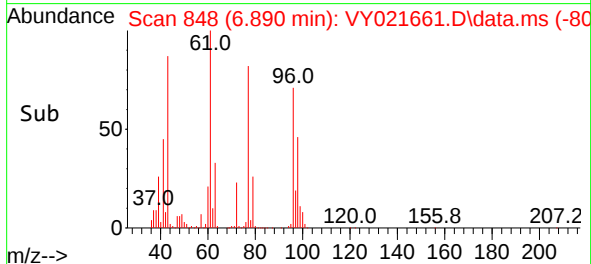
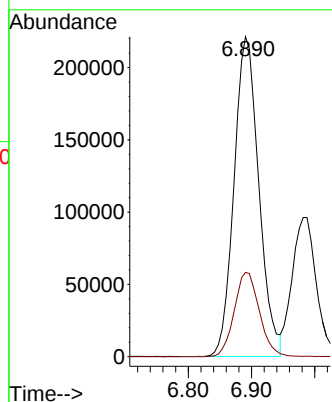
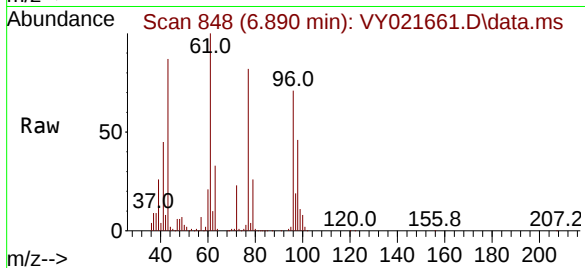
VSTDIC150

Tgt Ion: 43 Resp: 603028

Ion Ratio Lower Upper

43 100

72 26.4 21.4 32.2



#26

2,2-Dichloropropane

Concen: 139.949 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021661.D

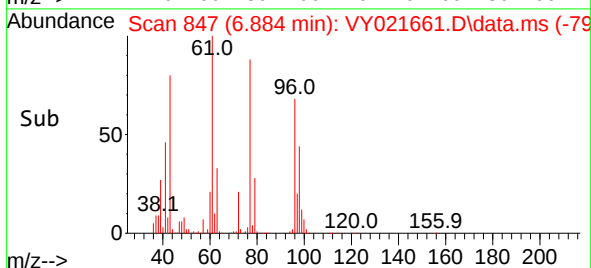
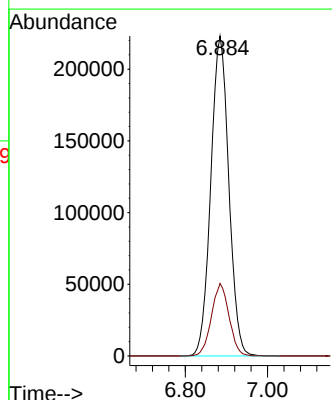
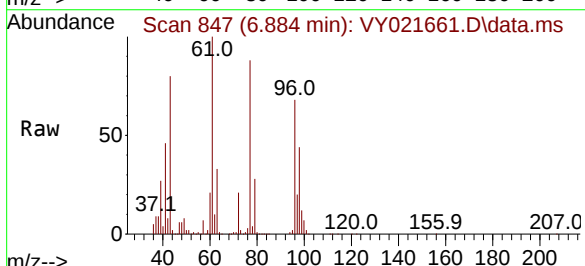
Acq: 27 Mar 2025 12:02

Tgt Ion: 77 Resp: 678134

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 145.395 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

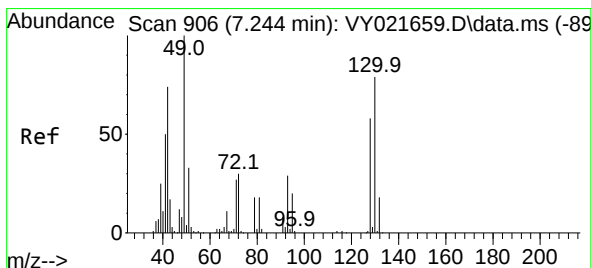
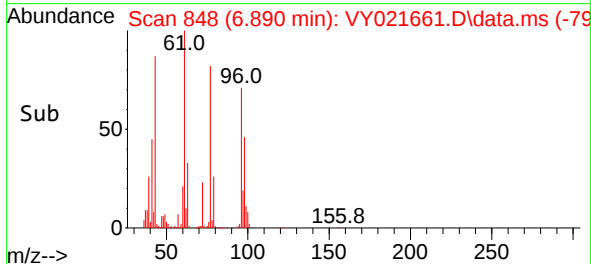
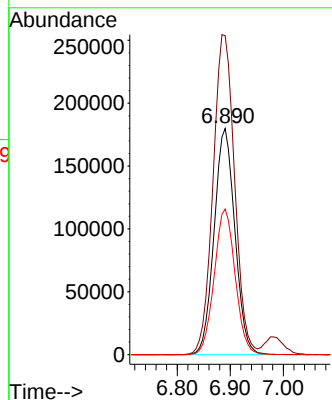
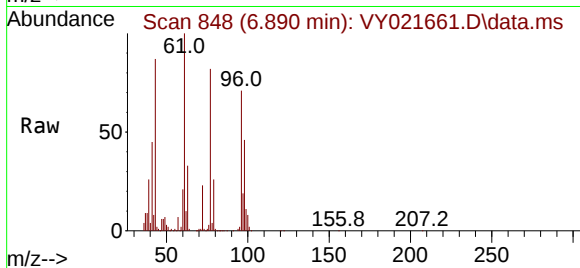
Tgt Ion: 96 Resp: 490349

Ion Ratio Lower Upper

96 100

61 146.8 0.0 296.4

98 64.9 0.0 128.0



#28

Bromochloromethane

Concen: 136.480 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

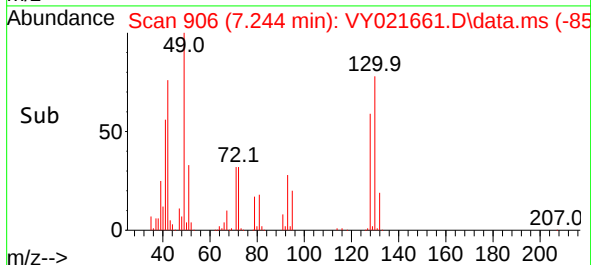
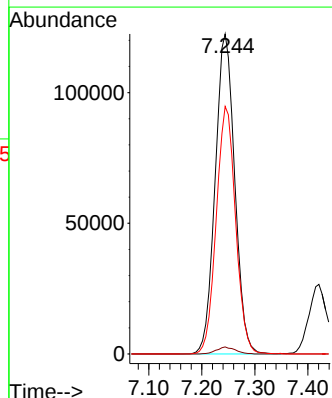
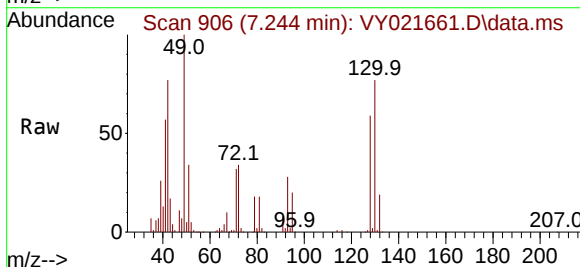
Tgt Ion: 49 Resp: 313542

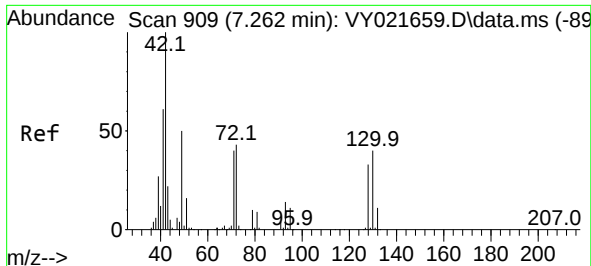
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 76.4 60.1 90.1





#29

Tetrahydrofuran

Concen: 716.799 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

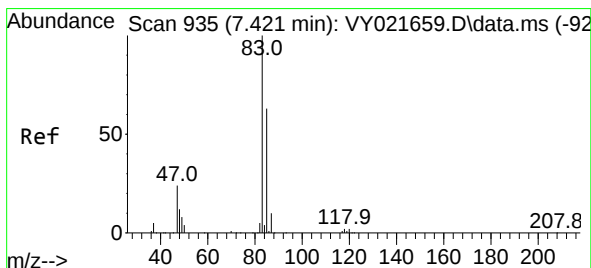
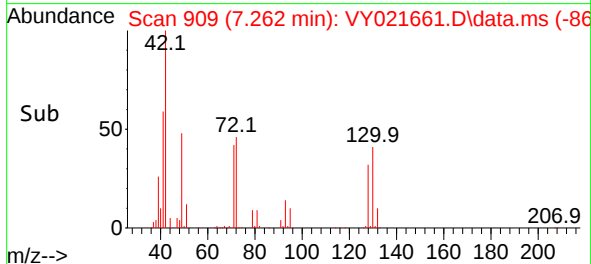
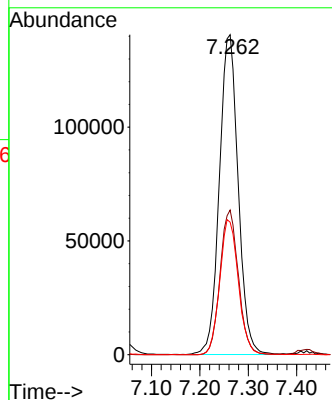
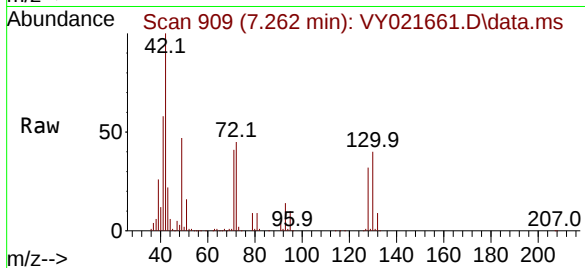
Tgt Ion: 42 Resp: 379413

Ion Ratio Lower Upper

42 100

72 44.1 34.6 52.0

71 41.9 32.5 48.7



#30

Chloroform

Concen: 137.548 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY021661.D

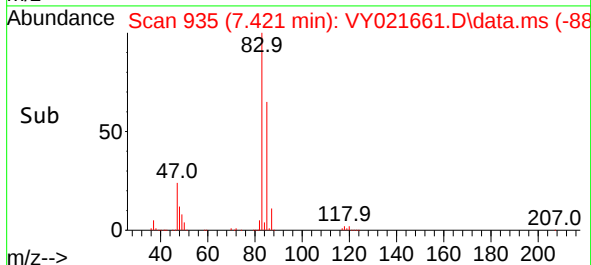
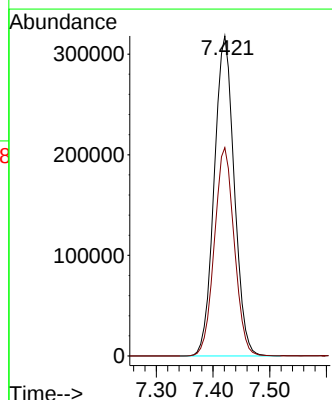
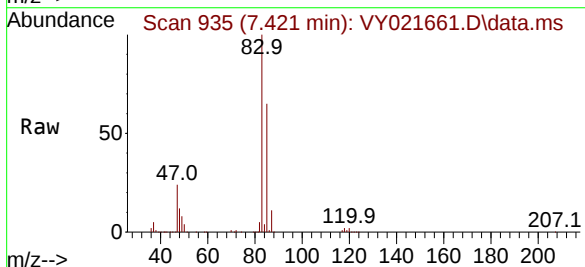
Acq: 27 Mar 2025 12:02

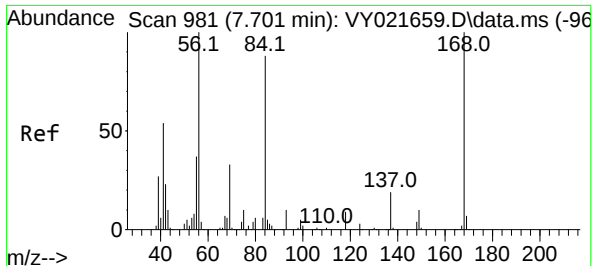
Tgt Ion: 83 Resp: 779319

Ion Ratio Lower Upper

83 100

85 65.1 50.6 75.8

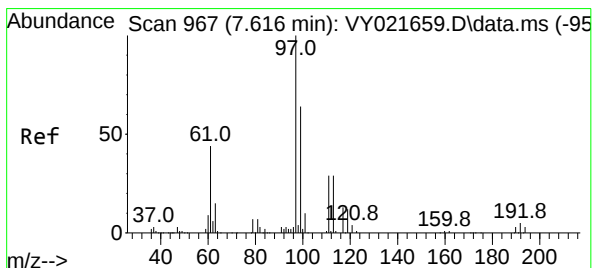
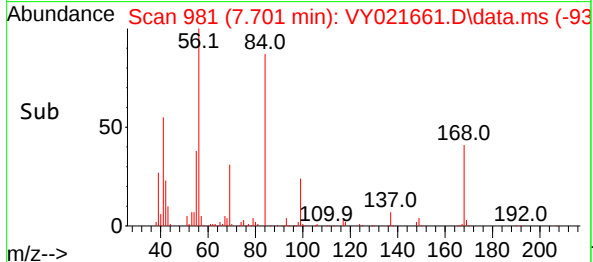
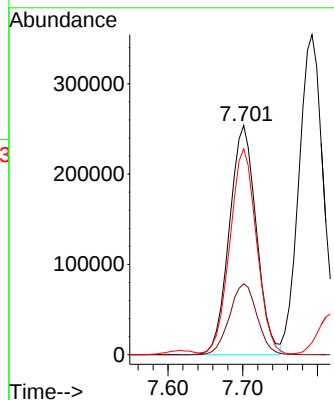
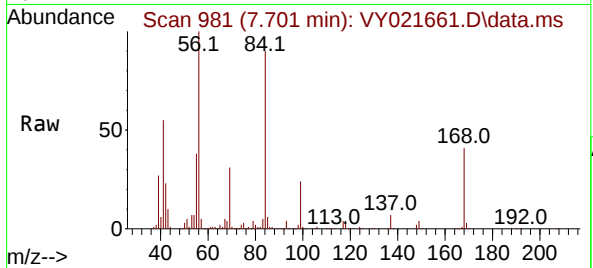




#31
Cyclohexane
Concen: 128.388 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

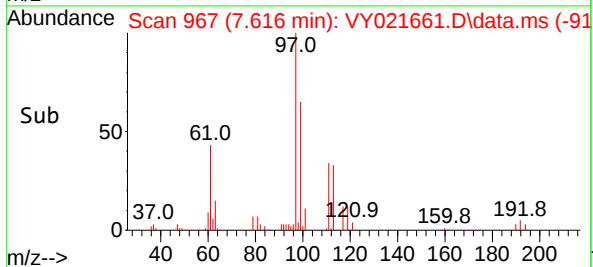
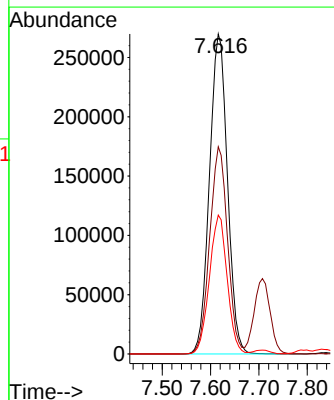
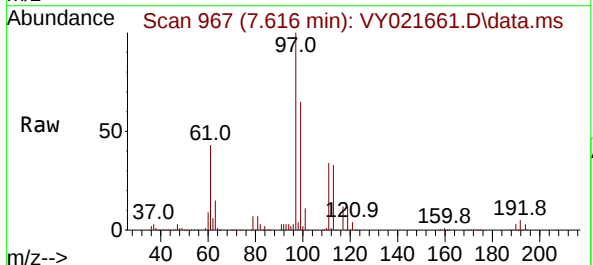
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

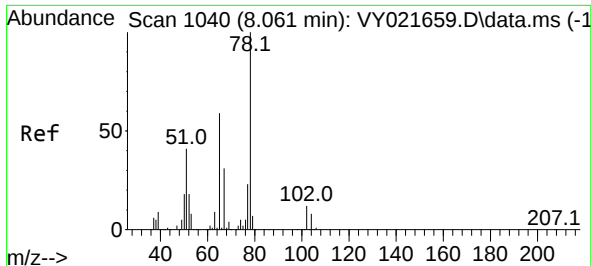
Tgt Ion: 56 Resp: 637533
Ion Ratio Lower Upper
56 100
69 31.0 26.6 40.0
84 88.0 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 135.918 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 97 Resp: 696016
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 43.0 35.2 52.8

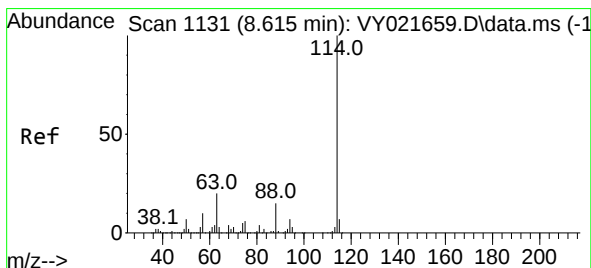
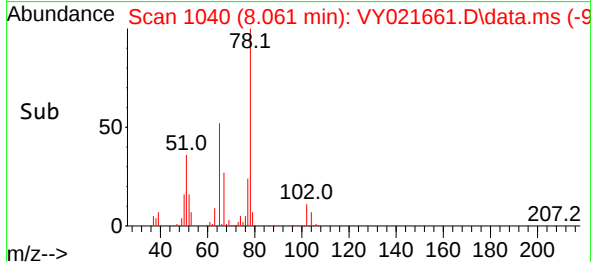
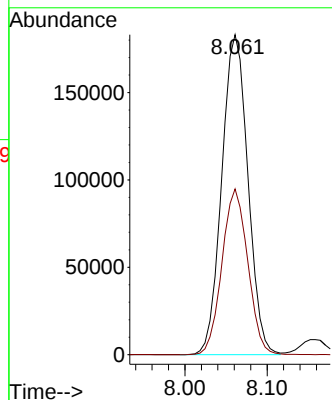
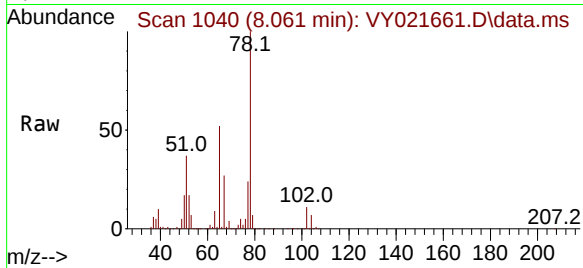




#33
 1,2-Dichloroethane-d4
 Concen: 143.931 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY021661.D
 Acq: 27 Mar 2025 12:02

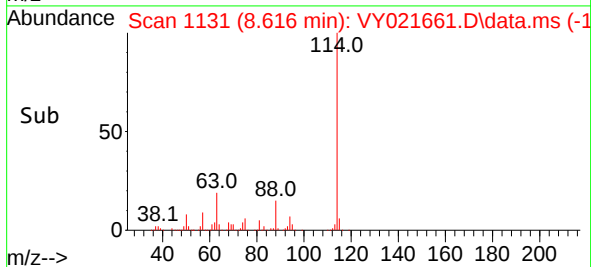
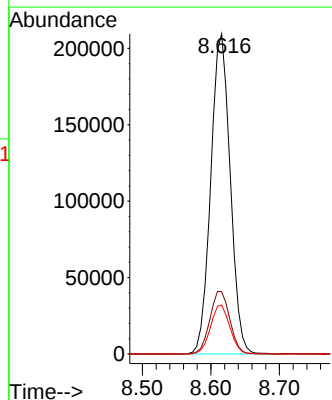
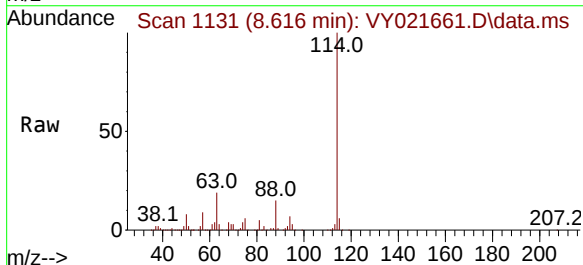
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

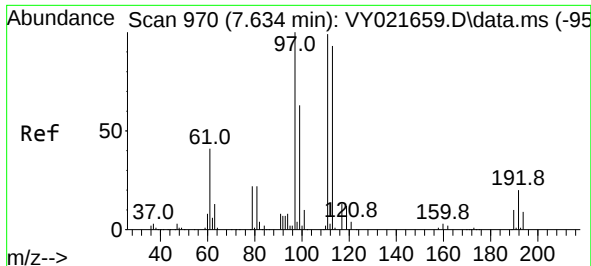
Tgt Ion: 65 Resp: 404952
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY021661.D
 Acq: 27 Mar 2025 12:02

Tgt Ion: 114 Resp: 412304
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.2
 88 15.3 0.0 29.8

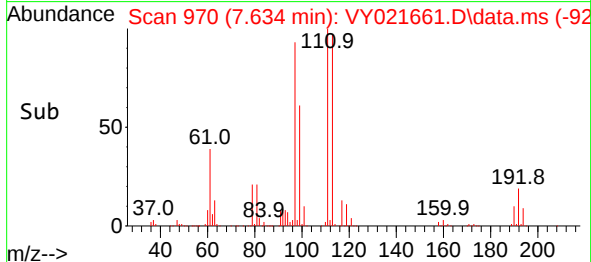
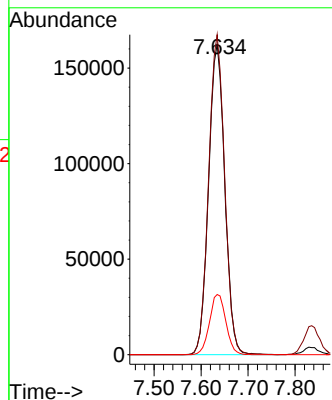
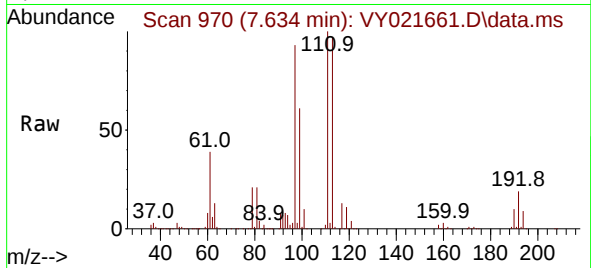




#35
 Dibromofluoromethane
 Concen: 144.862 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY021661.D
 Acq: 27 Mar 2025 12:02

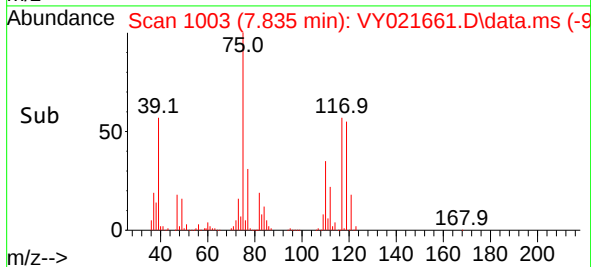
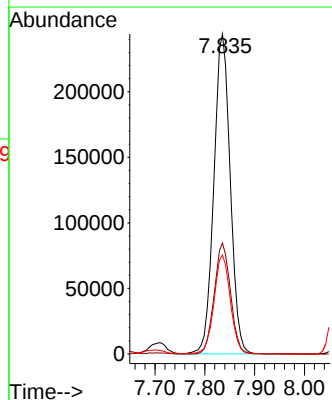
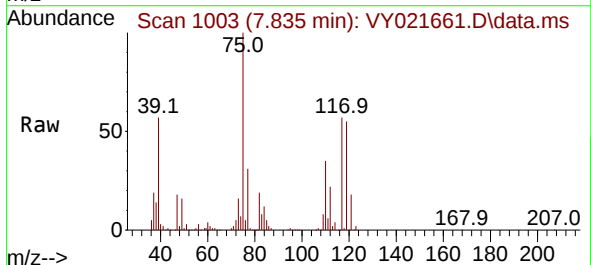
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

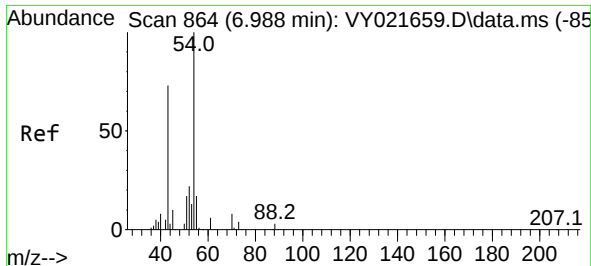
Tgt Ion:113 Resp: 387439
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 123.8
 192 19.6 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 136.722 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY021661.D
 Acq: 27 Mar 2025 12:02

Tgt Ion: 75 Resp: 556974
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.0 50.9
 77 30.9 24.8 37.2





#37

Ethyl Acetate

Concen: 134.812 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

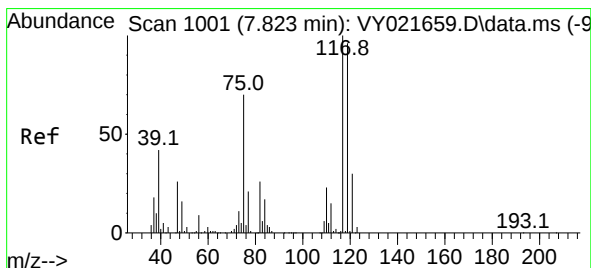
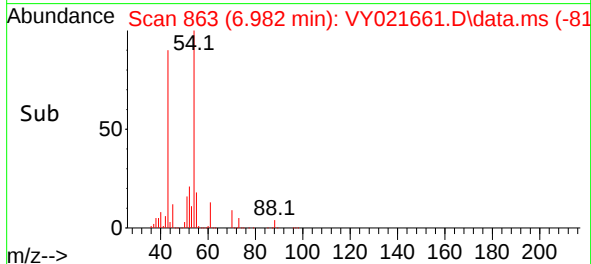
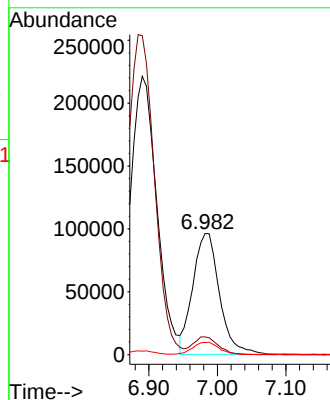
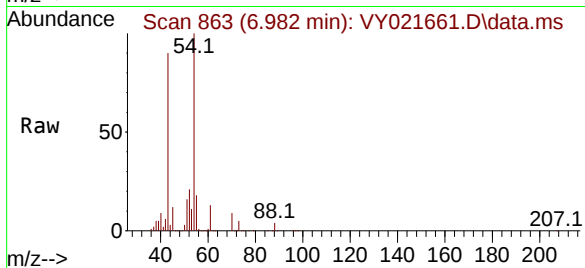
Tgt Ion: 43 Resp: 259188

Ion Ratio Lower Upper

43 100

61 13.8 11.0 16.6

70 10.3 8.1 12.1



#38

Carbon Tetrachloride

Concen: 134.452 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

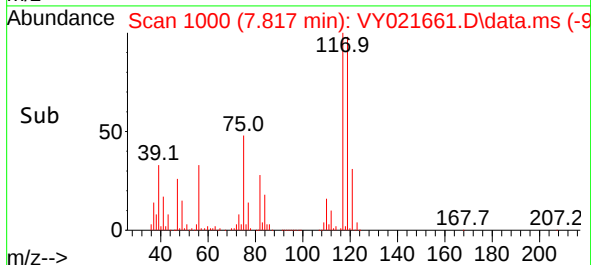
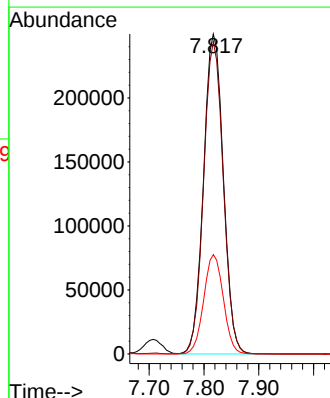
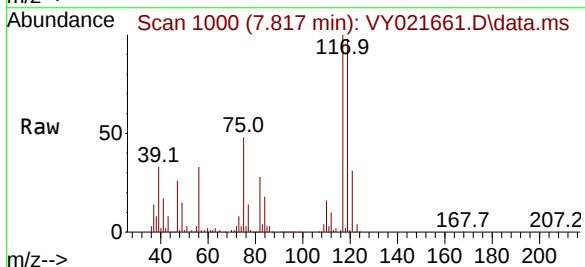
Tgt Ion: 117 Resp: 627331

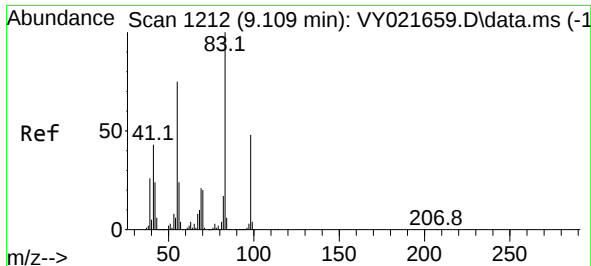
Ion Ratio Lower Upper

117 100

119 97.6 76.2 114.4

121 31.0 24.2 36.4





#39

Methylcyclohexane

Concen: 139.666 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

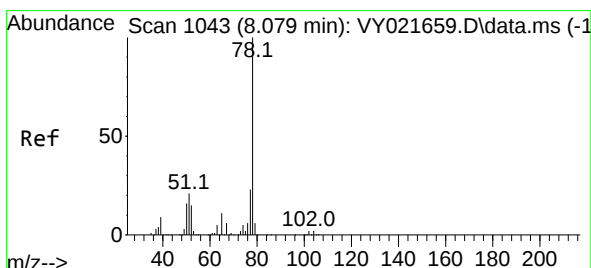
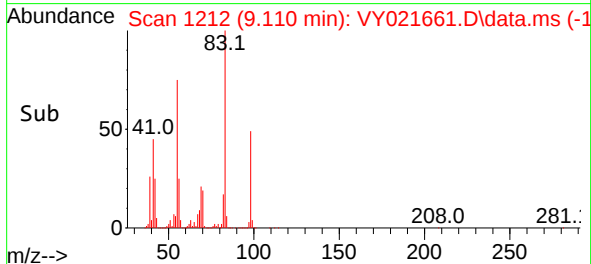
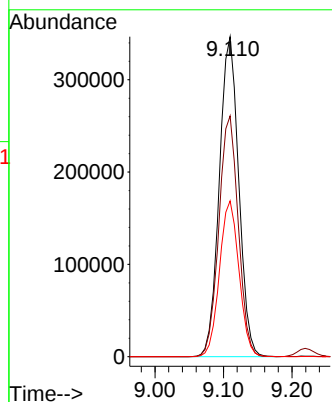
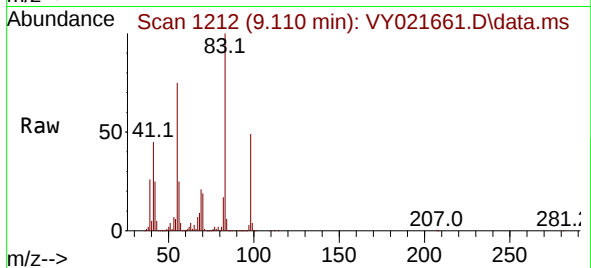
Tgt Ion: 83 Resp: 679694

Ion Ratio Lower Upper

83 100

55 75.3 59.7 89.5

98 48.7 38.3 57.5



#40

Benzene

Concen: 139.014 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY021661.D

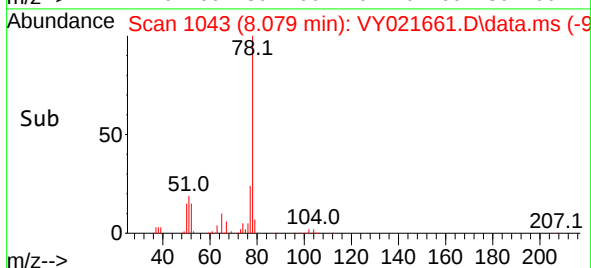
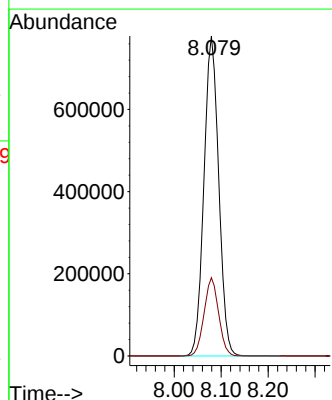
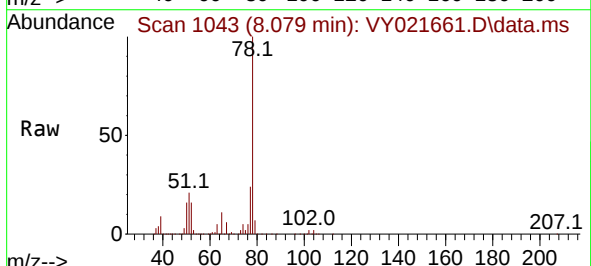
Acq: 27 Mar 2025 12:02

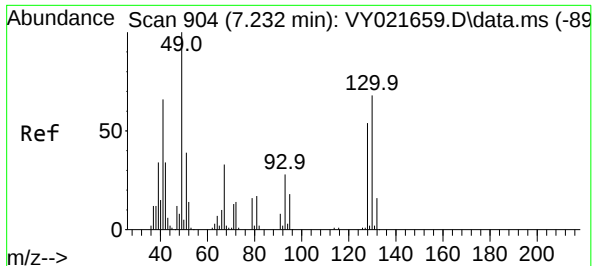
Tgt Ion: 78 Resp: 1695962

Ion Ratio Lower Upper

78 100

77 24.4 18.8 28.2

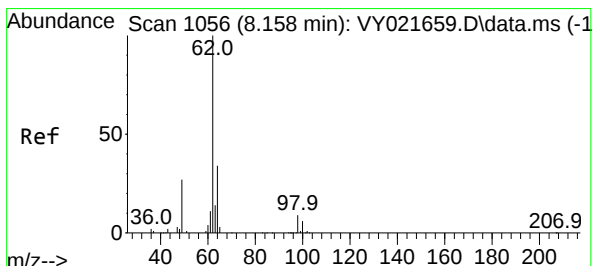
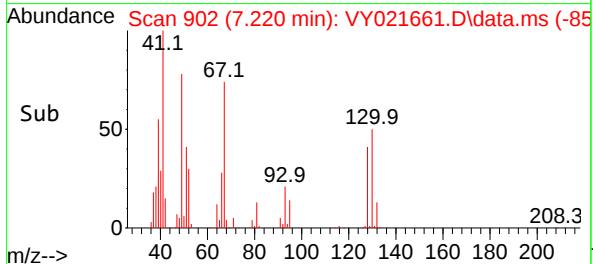
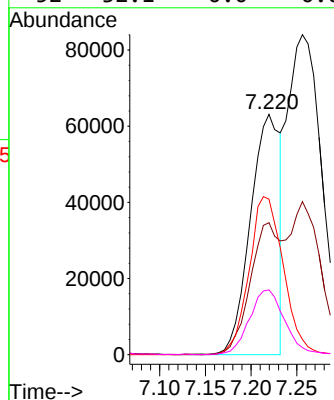
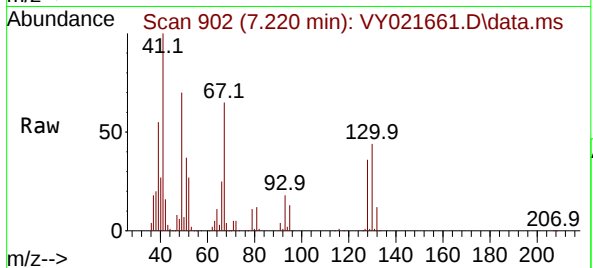




#41
Methacrylonitrile
Concen: 140.447 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

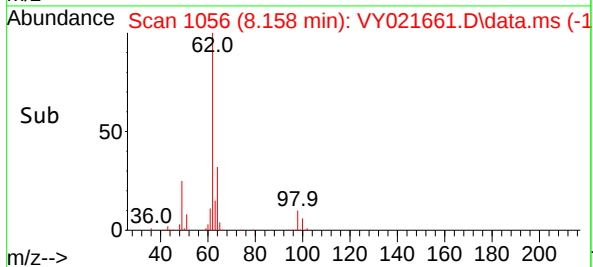
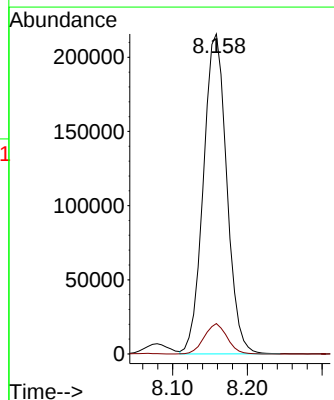
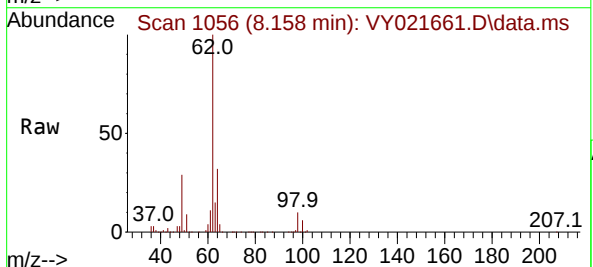
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

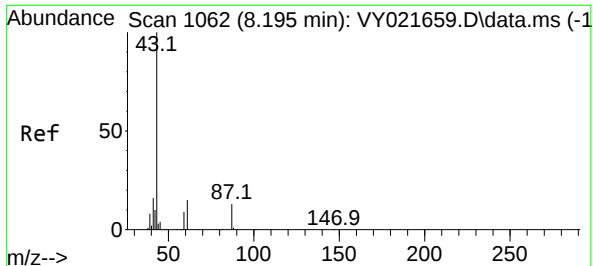
Tgt Ion: 41 Resp: 143387
Ion Ratio Lower Upper
41 100
39 54.1 0.0 0.0#
67 75.9 0.0 0.0#
52 32.1 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 136.165 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 62 Resp: 468317
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.4





#43

Isopropyl Acetate

Concen: 144.731 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

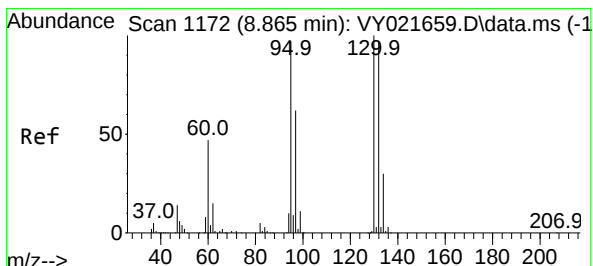
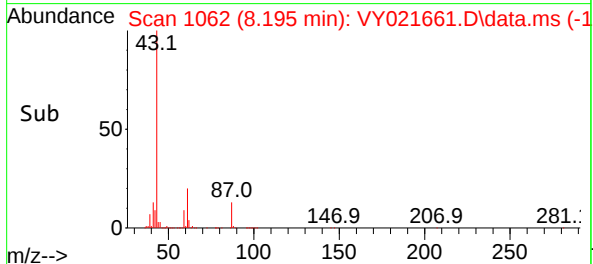
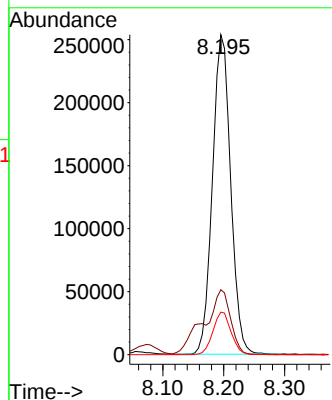
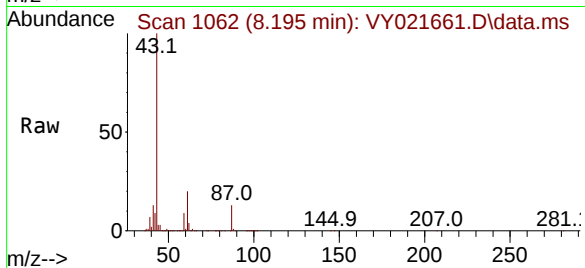
Tgt Ion: 43 Resp: 527316

Ion Ratio Lower Upper

43 100

61 29.7 15.9 23.9#

87 13.3 10.4 15.6



#44

Trichloroethene

Concen: 138.536 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY021661.D

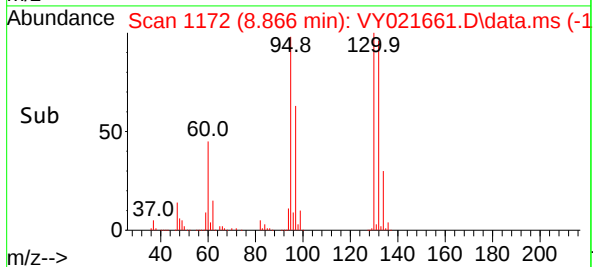
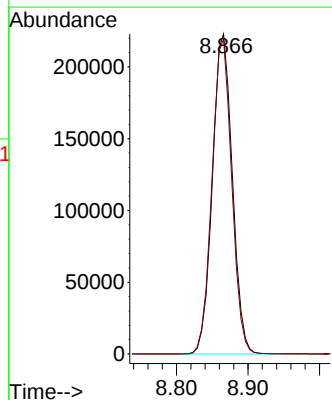
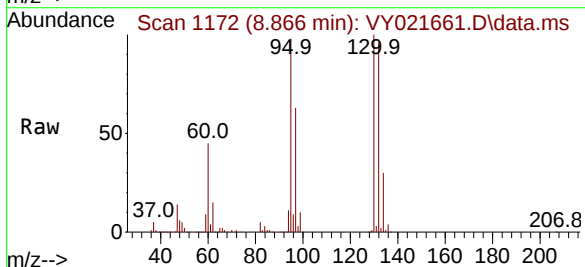
Acq: 27 Mar 2025 12:02

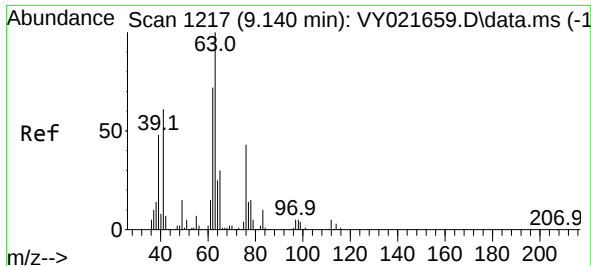
Tgt Ion:130 Resp: 430629

Ion Ratio Lower Upper

130 100

95 98.4 0.0 194.8





#45

1,2-Dichloropropane

Concen: 139.191 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

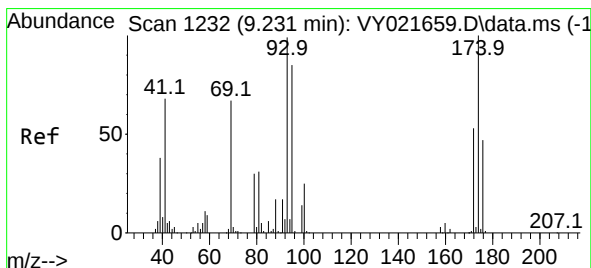
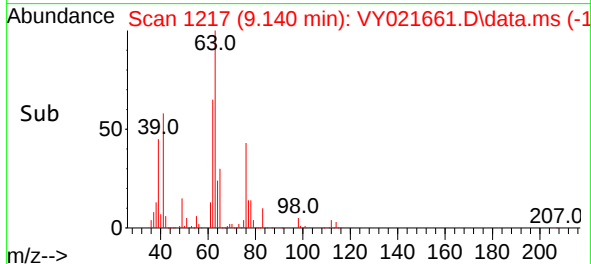
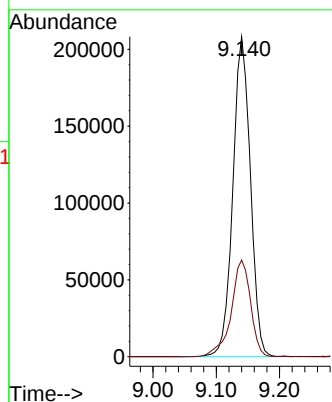
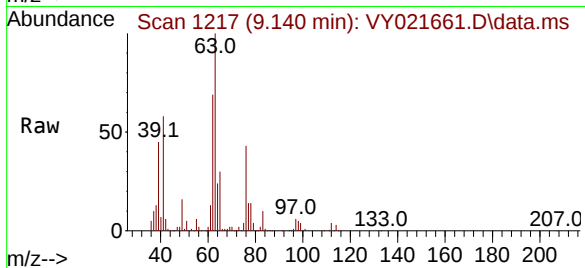
VSTDIC150

Tgt Ion: 63 Resp: 401955

Ion Ratio Lower Upper

63 100

65 30.2 24.4 36.6



#46

Dibromomethane

Concen: 137.167 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

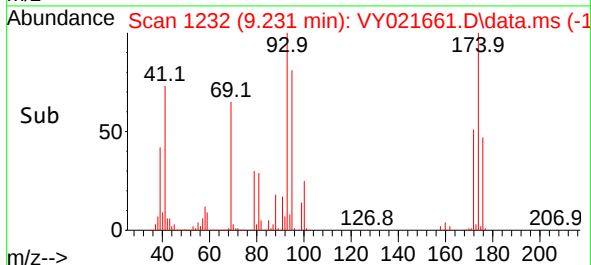
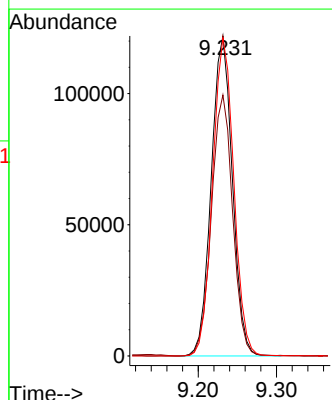
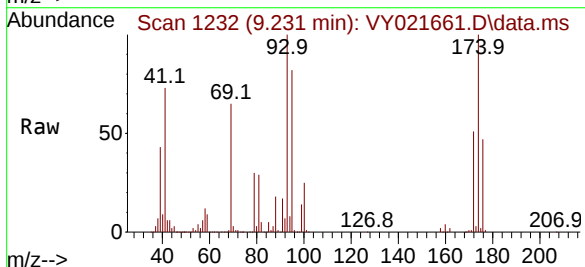
Tgt Ion: 93 Resp: 228287

Ion Ratio Lower Upper

93 100

95 82.1 68.1 102.1

174 99.7 80.9 121.3

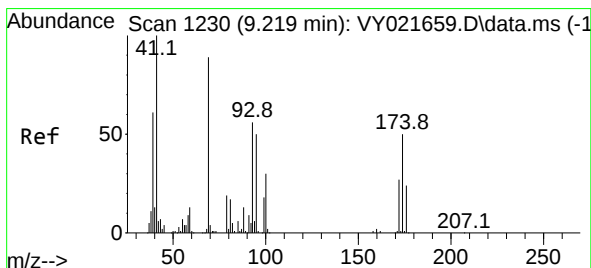
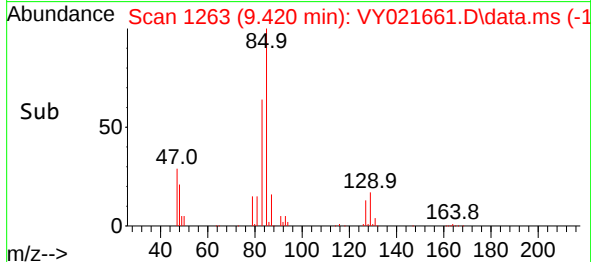
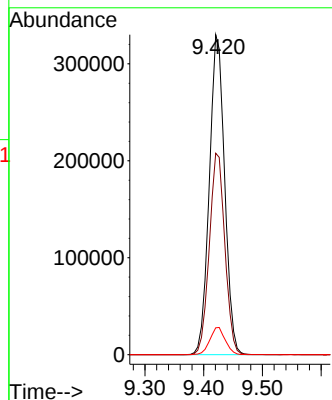
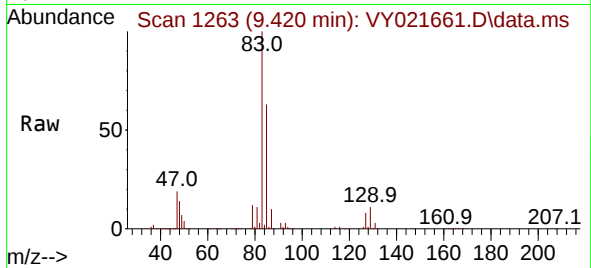




#47
Bromodichloromethane
Concen: 138.764 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

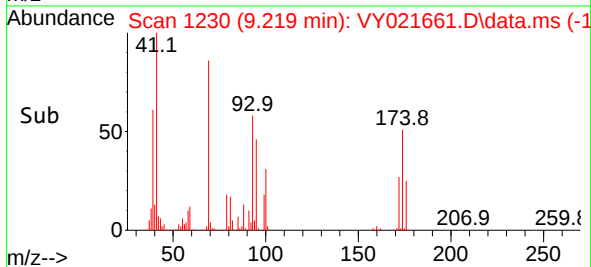
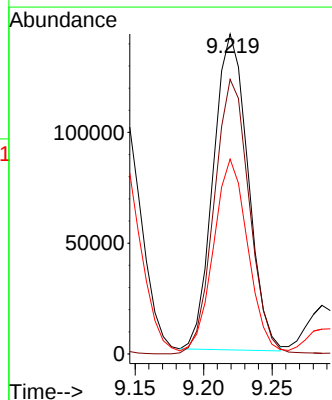
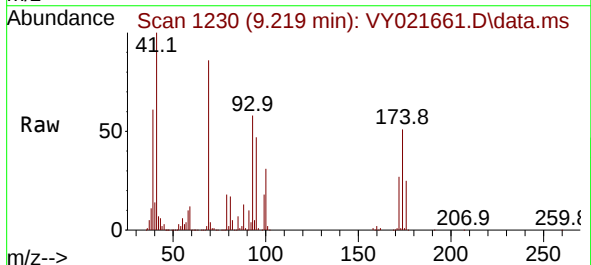
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

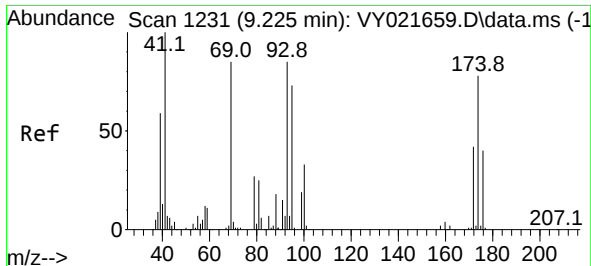
Tgt Ion: 83 Resp: 598421
Ion Ratio Lower Upper
83 100
85 63.0 51.8 77.6
127 8.4 6.8 10.2



#48
Methyl methacrylate
Concen: 150.306 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 41 Resp: 251339
Ion Ratio Lower Upper
41 100
69 88.1 69.8 104.8
39 59.6 47.2 70.8





#49

1,4-Dioxane

Concen: 2991.658 ug/l

RT: 9.225 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

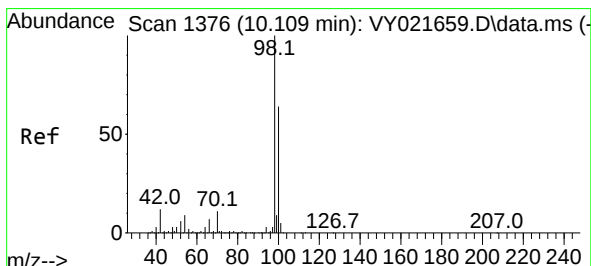
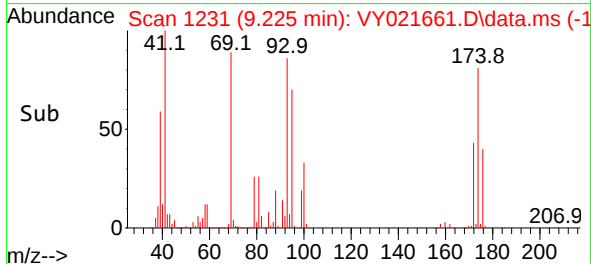
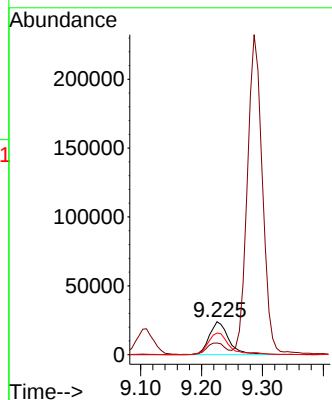
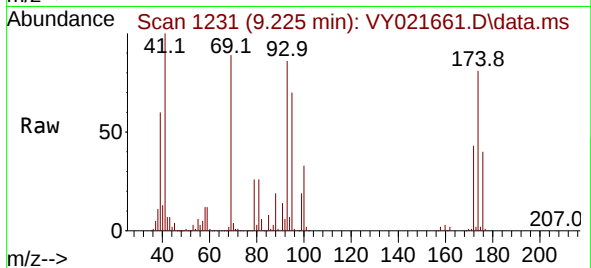
Tgt Ion: 88 Resp: 53338

Ion Ratio Lower Upper

88 100

43 33.6 28.8 43.2

58 67.8 59.4 89.2



#50

Toluene-d8

Concen: 146.020 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021661.D

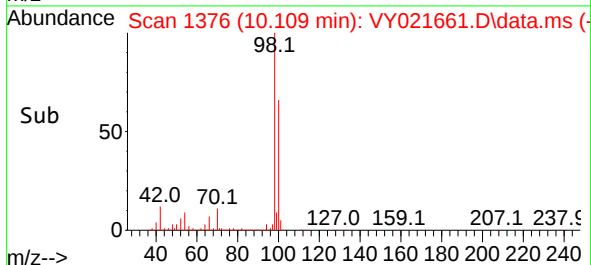
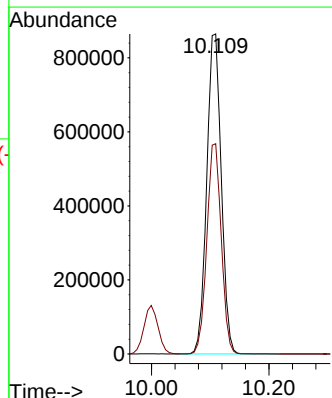
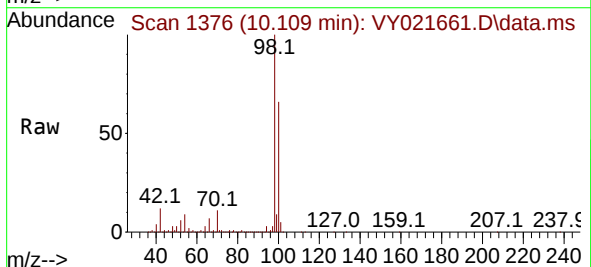
Acq: 27 Mar 2025 12:02

Tgt Ion: 98 Resp: 1485725

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 737.160 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

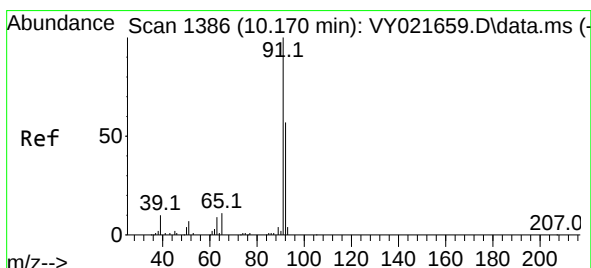
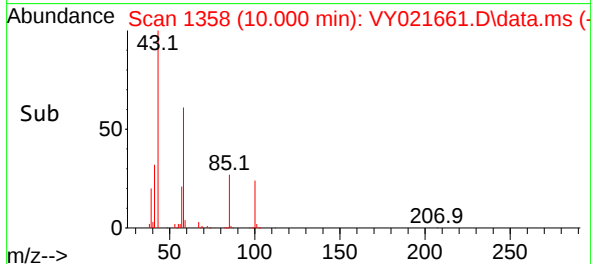
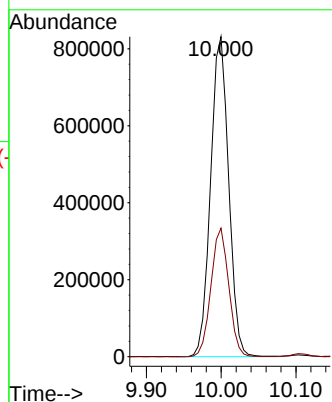
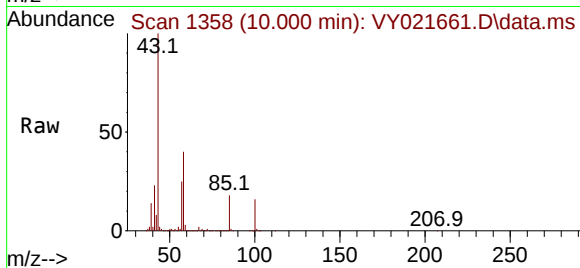
VSTDIC150

Tgt Ion: 43 Resp: 1397678

Ion Ratio Lower Upper

43 100

58 39.6 31.5 47.3



#52

Toluene

Concen: 143.758 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021661.D

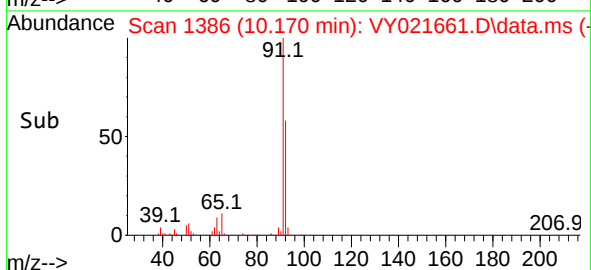
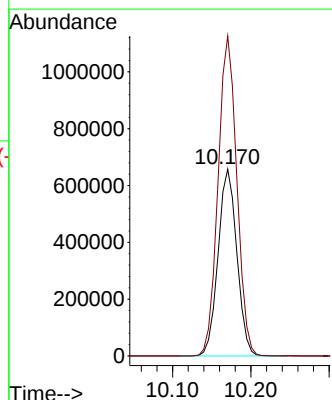
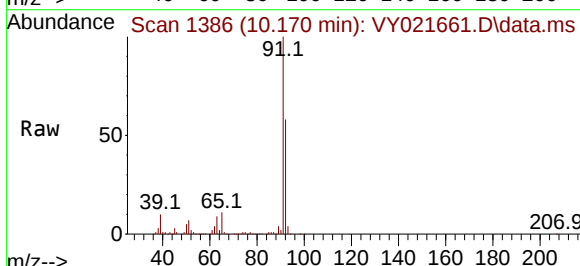
Acq: 27 Mar 2025 12:02

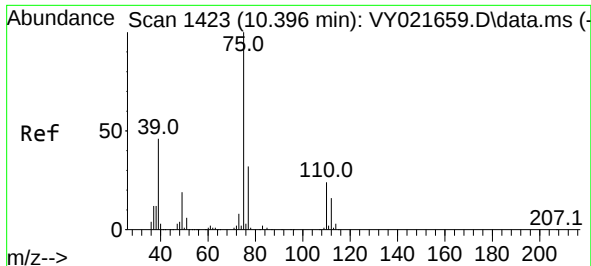
Tgt Ion: 92 Resp: 1094229

Ion Ratio Lower Upper

92 100

91 171.6 138.6 207.8

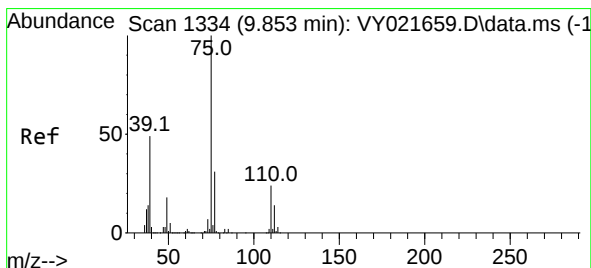
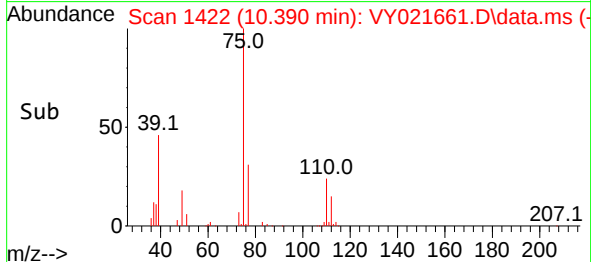
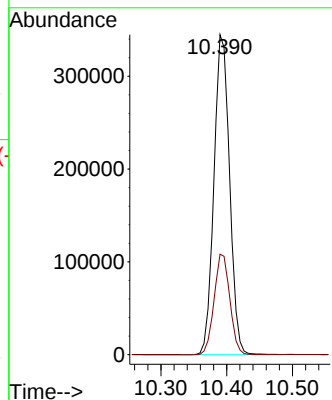
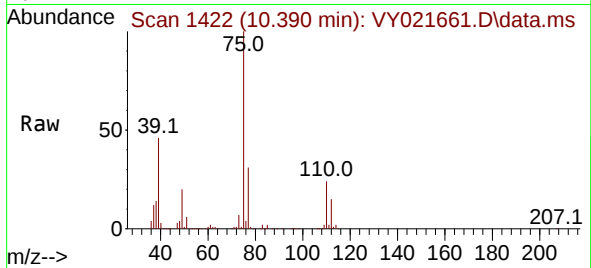




#53
 t-1,3-Dichloropropene
 Concen: 148.908 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021661.D
 Acq: 27 Mar 2025 12:02

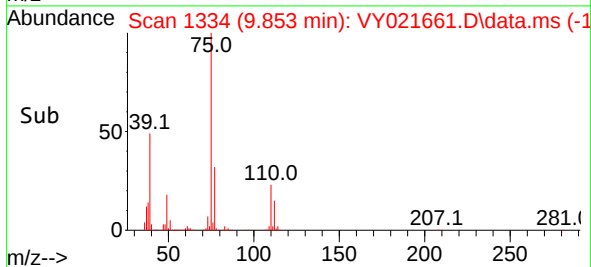
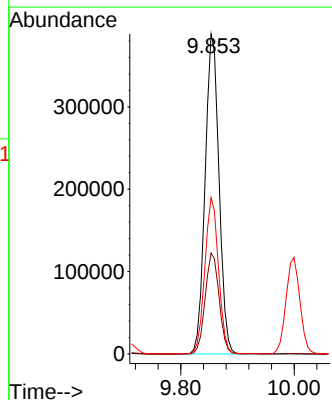
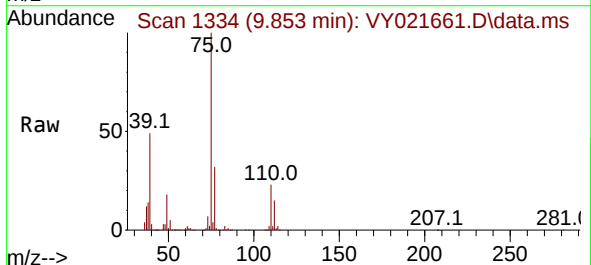
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

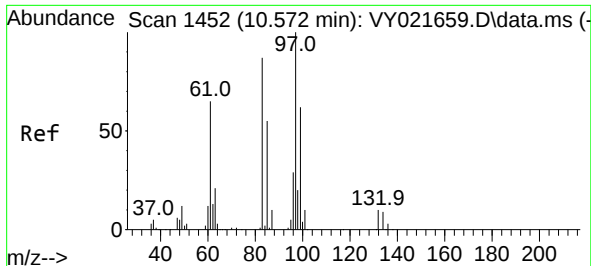
Tgt Ion: 75 Resp: 570388
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 146.159 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021661.D
 Acq: 27 Mar 2025 12:02

Tgt Ion: 75 Resp: 660476
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.9 37.3
 39 48.8 39.2 58.8

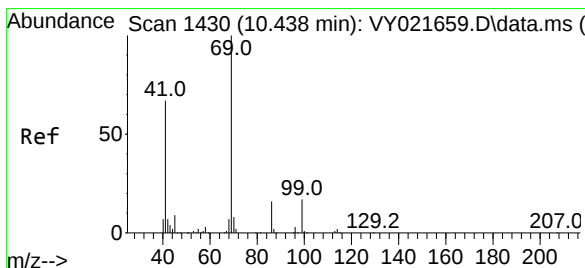
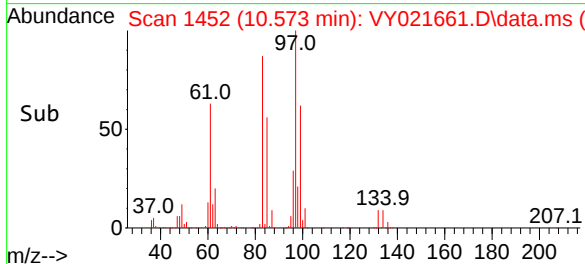
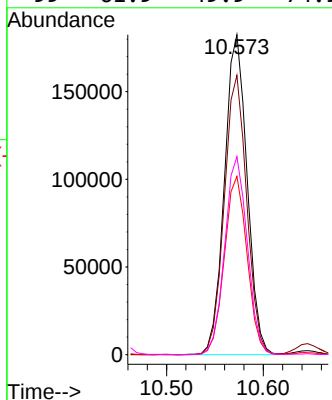
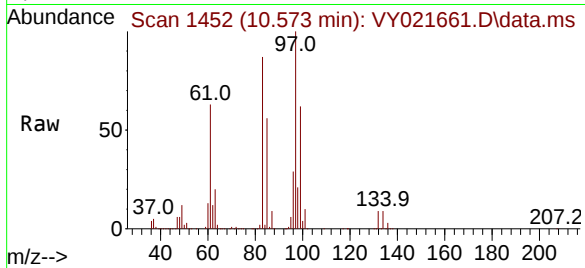




#55
1,1,2-Trichloroethane
Concen: 138.396 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

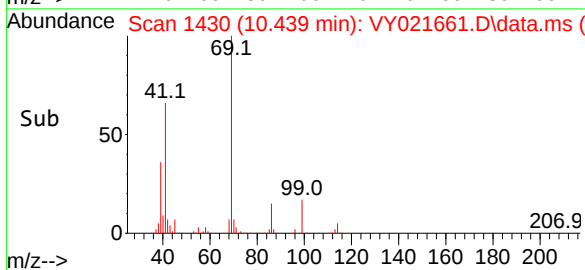
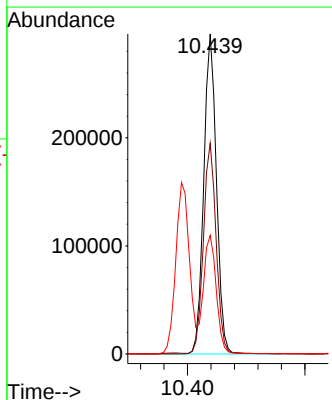
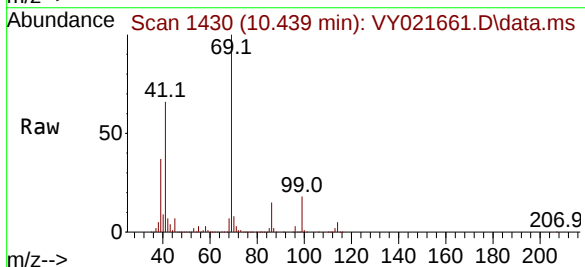
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

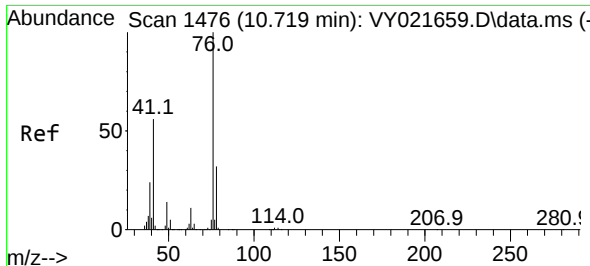
Tgt Ion:	97	Resp:	296412
Ion	Ratio	Lower	Upper
97	100		
83	87.3	69.5	104.3
85	55.8	43.9	65.9
99	61.9	49.9	74.9



#56
Ethyl methacrylate
Concen: 162.176 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion:	69	Resp:	443517
Ion	Ratio	Lower	Upper
69	100		
41	66.0	53.8	80.6
39	37.9	29.6	44.4

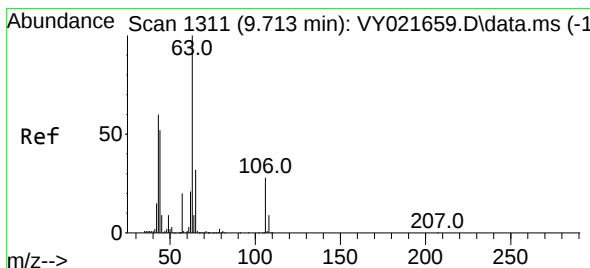
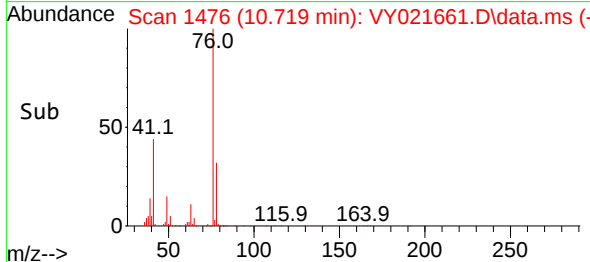
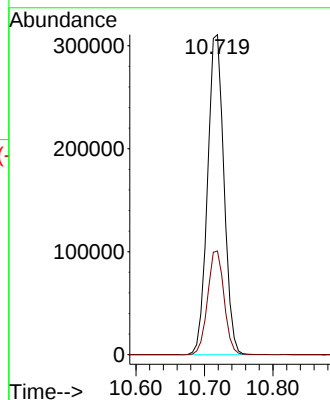
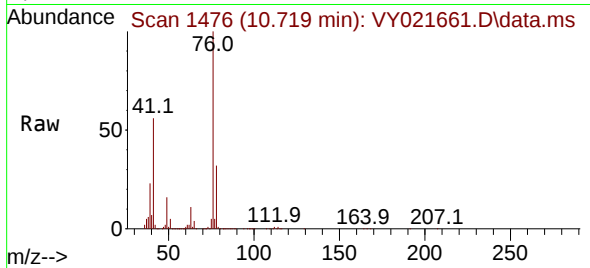




#57
1,3-Dichloropropane
Concen: 139.961 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

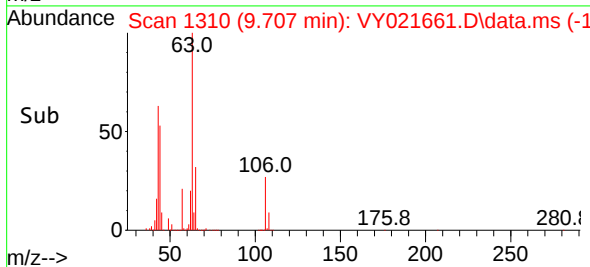
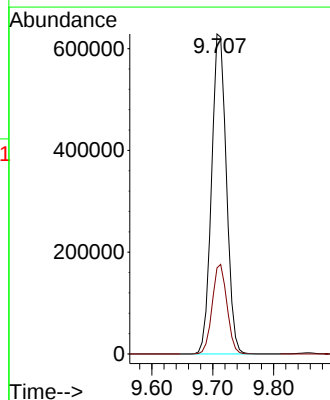
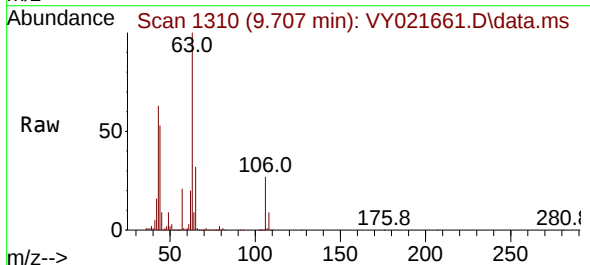
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

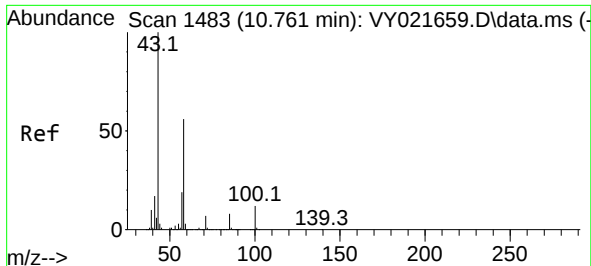
Tgt Ion: 76 Resp: 517706
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 795.867 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 63 Resp: 1061779
Ion Ratio Lower Upper
63 100
106 27.8 22.4 33.6

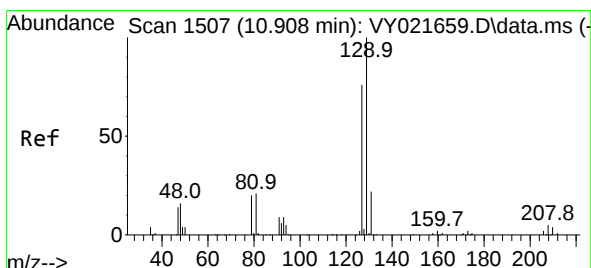
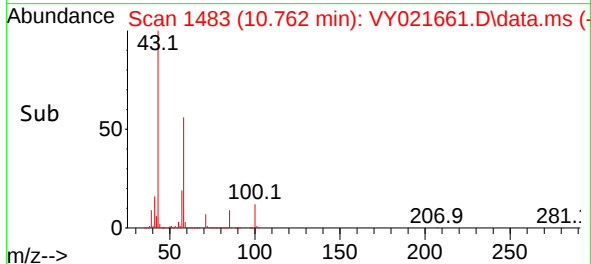
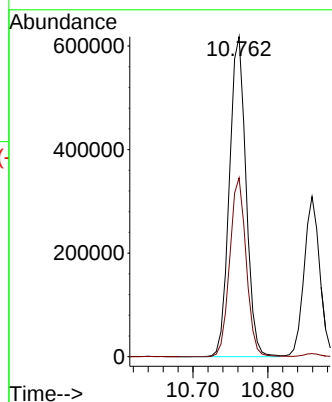
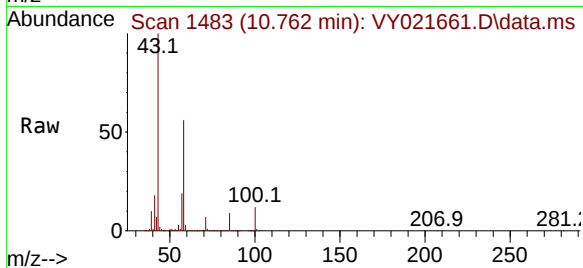




#59
2-Hexanone
Concen: 756.341 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

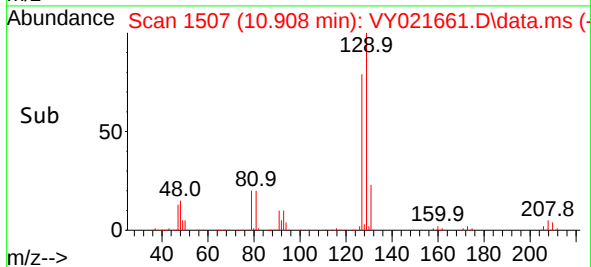
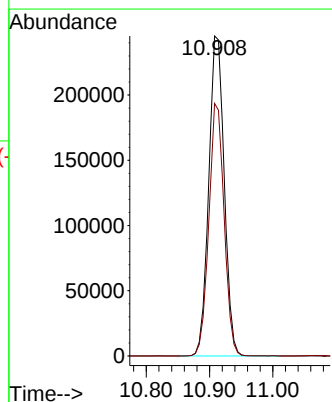
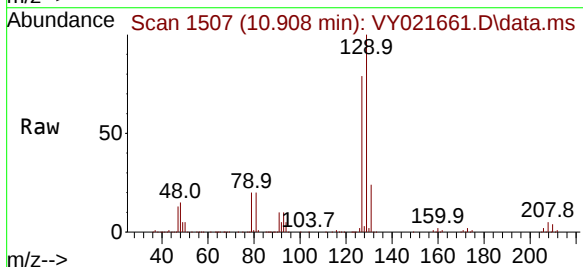
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

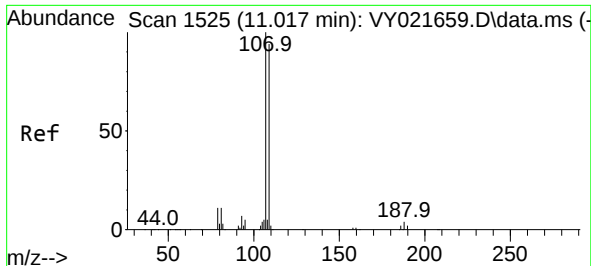
Tgt Ion: 43 Resp: 955051
Ion Ratio Lower Upper
43 100
58 55.4 27.2 81.5



#60
Dibromochloromethane
Concen: 142.682 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion:129 Resp: 417230
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7

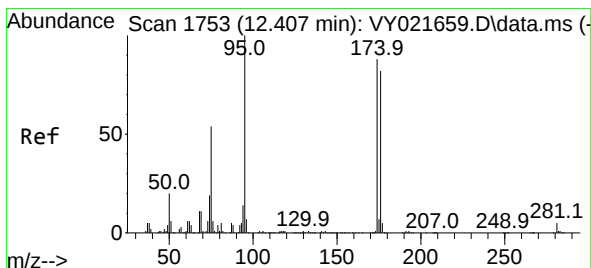
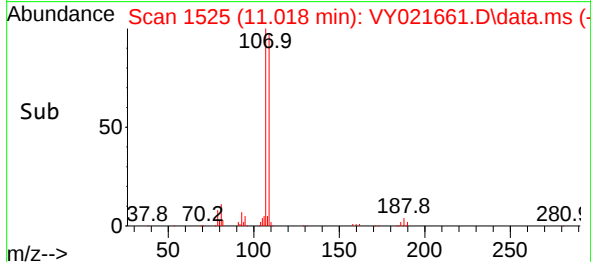
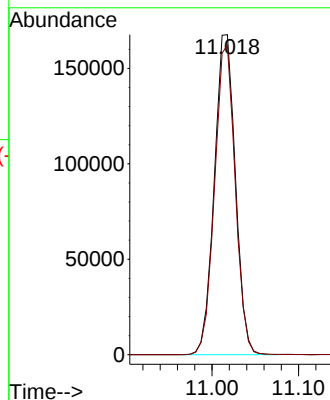
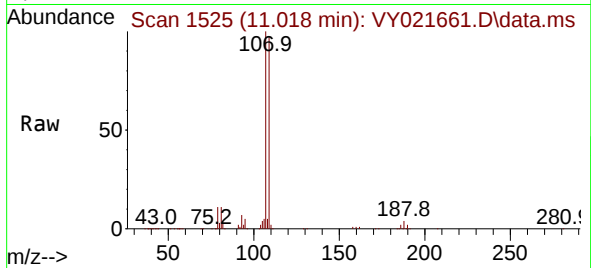




#61
1,2-Dibromoethane
Concen: 141.082 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

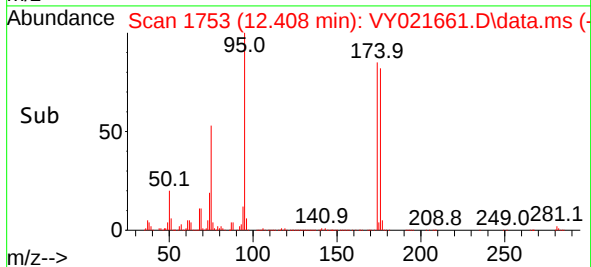
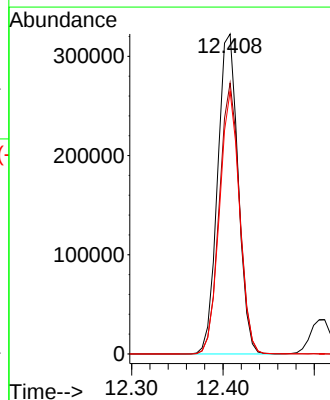
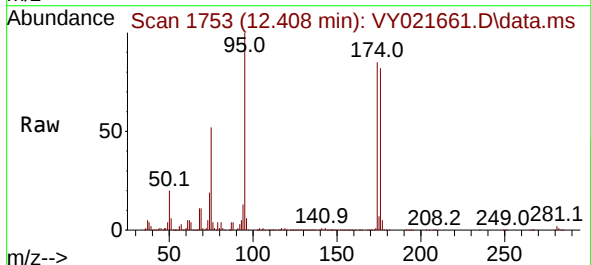
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

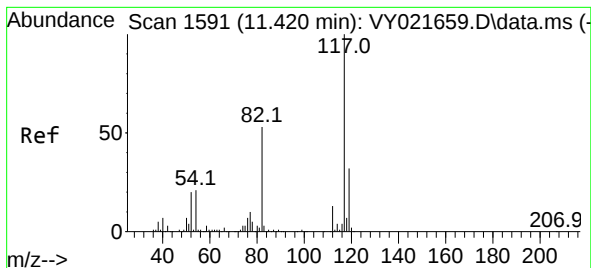
Tgt Ion:107 Resp: 283453
Ion Ratio Lower Upper
107 100
109 94.7 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 146.271 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 95 Resp: 503406
Ion Ratio Lower Upper
95 100
174 83.4 0.0 170.8
176 80.1 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

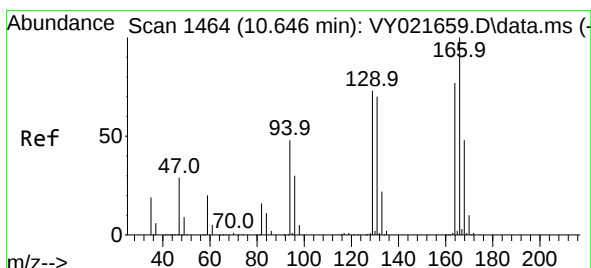
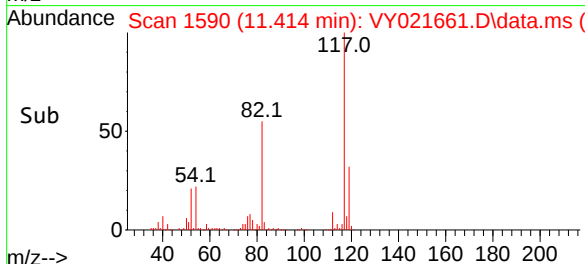
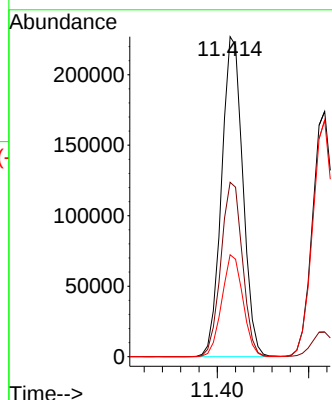
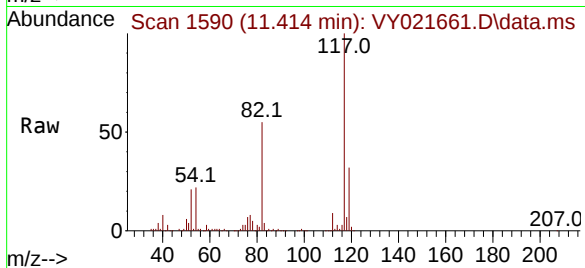
Tgt Ion:117 Resp: 367282

Ion Ratio Lower Upper

117 100

82 54.5 42.8 64.2

119 31.9 25.7 38.5



#64

Tetrachloroethene

Concen: 125.966 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Tgt Ion:164 Resp: 421368

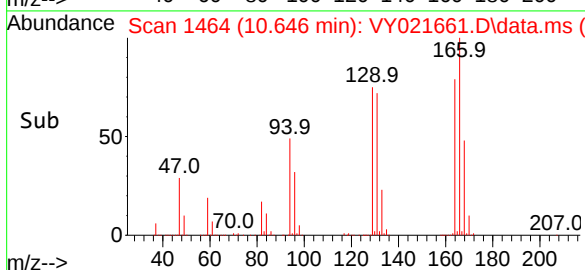
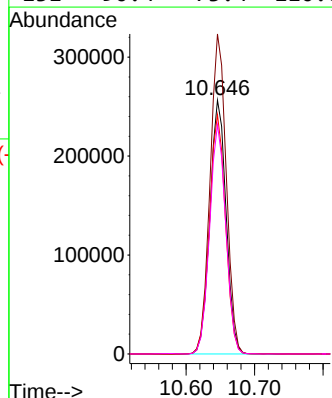
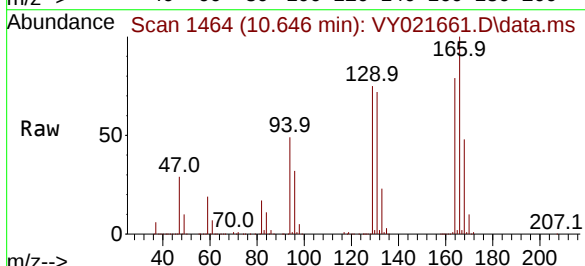
Ion Ratio Lower Upper

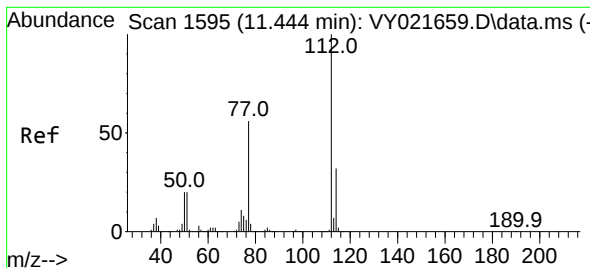
164 100

166 126.1 104.6 156.8

129 94.3 76.6 114.8

131 90.4 73.4 110.0

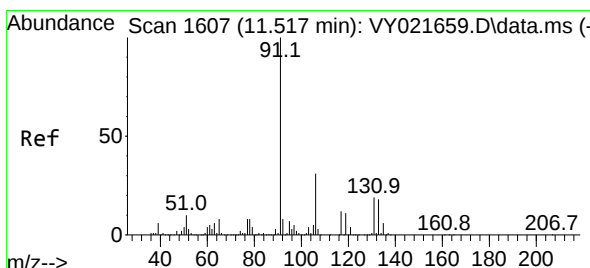
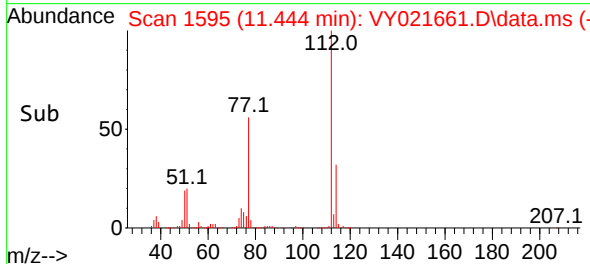
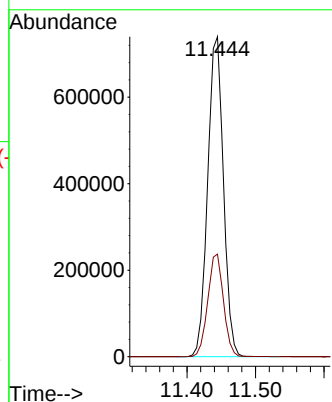
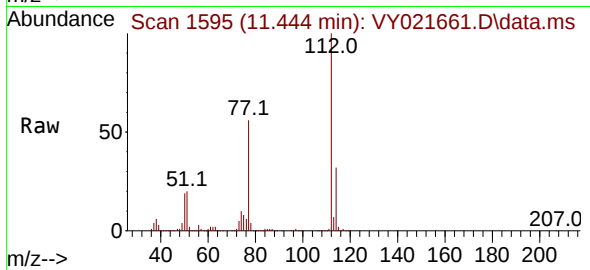




#65
Chlorobenzene
Concen: 140.483 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

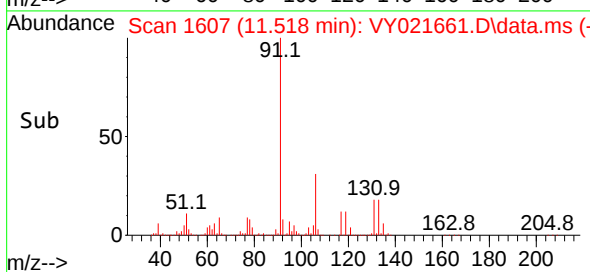
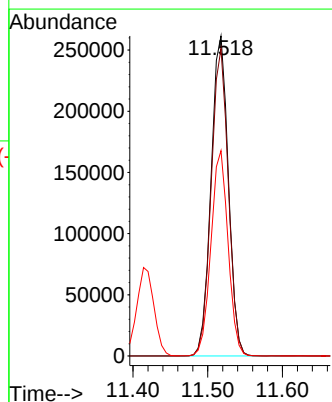
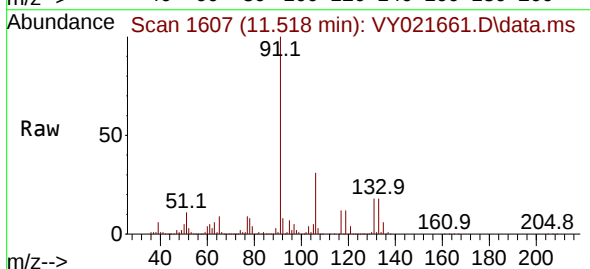
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

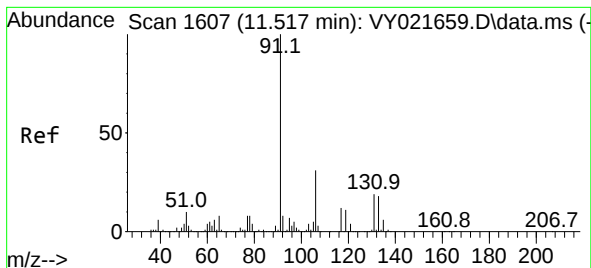
Tgt Ion:112 Resp: 1182770
Ion Ratio Lower Upper
112 100
114 32.1 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 140.910 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion:131 Resp: 420924
Ion Ratio Lower Upper
131 100
133 95.1 47.3 141.8
119 63.4 31.6 95.0





#67

Ethyl Benzene

Concen: 147.665 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

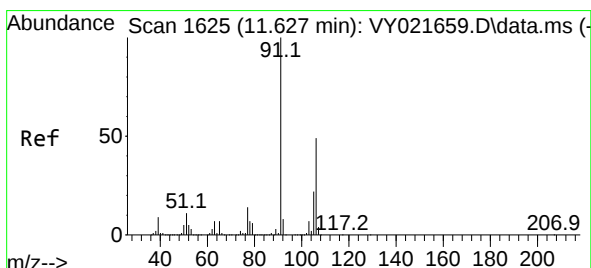
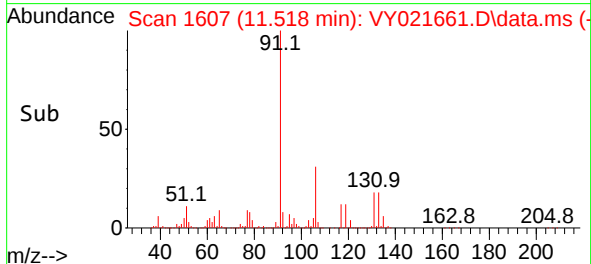
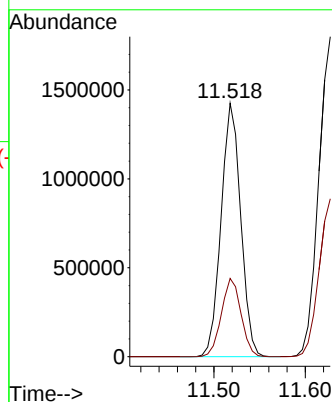
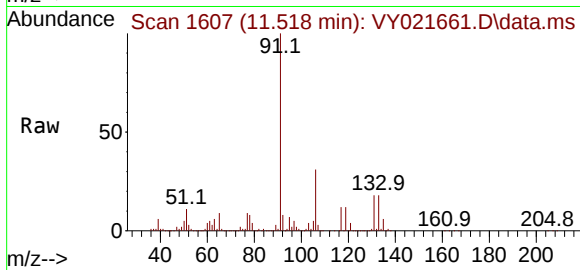
VSTDIC150

Tgt Ion: 91 Resp: 2131884

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 291.277 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021661.D

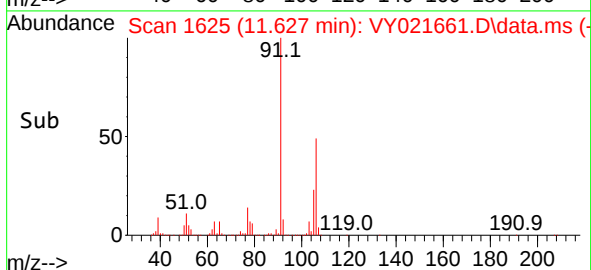
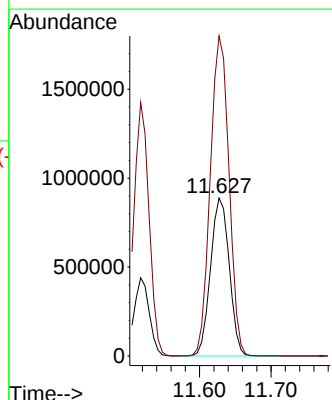
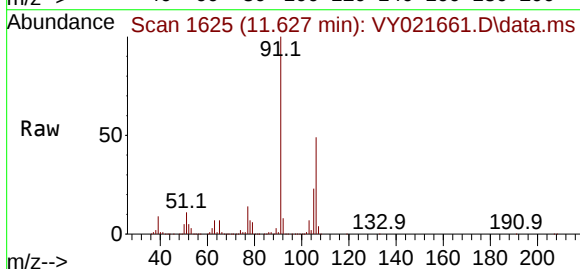
Acq: 27 Mar 2025 12:02

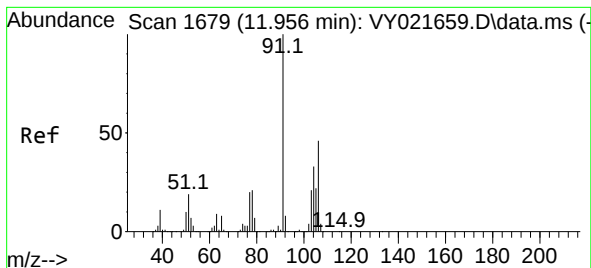
Tgt Ion:106 Resp: 1610305

Ion Ratio Lower Upper

106 100

91 203.1 162.4 243.6

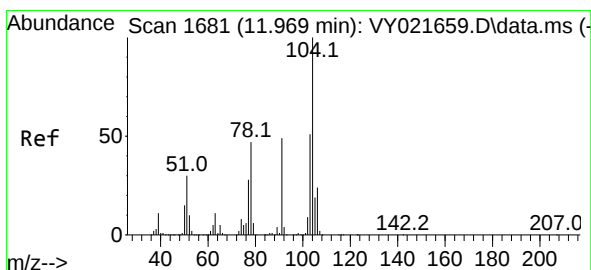
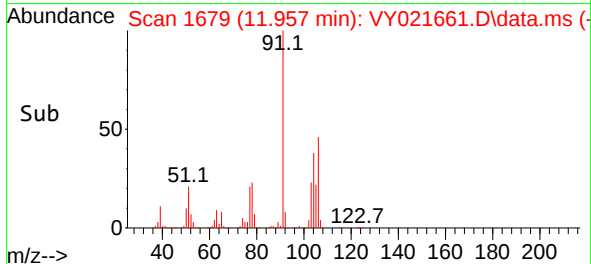
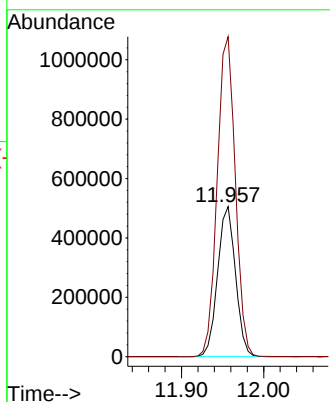
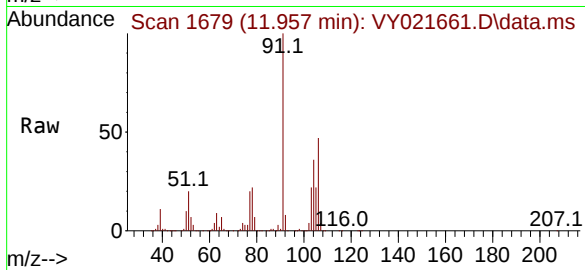




#69
o-Xylene
Concen: 149.852 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

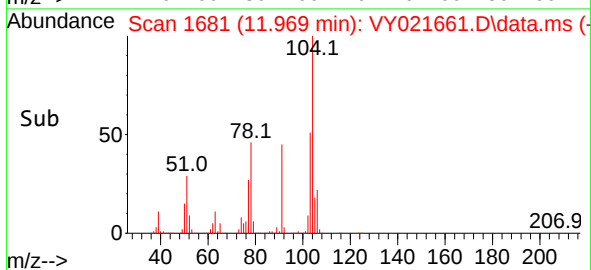
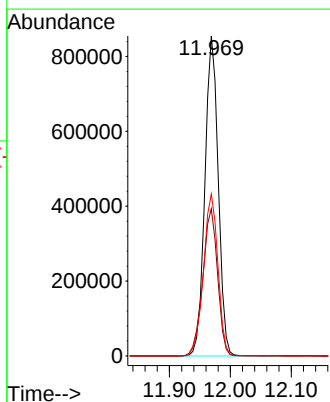
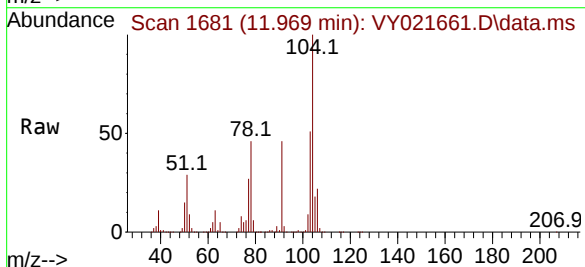
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

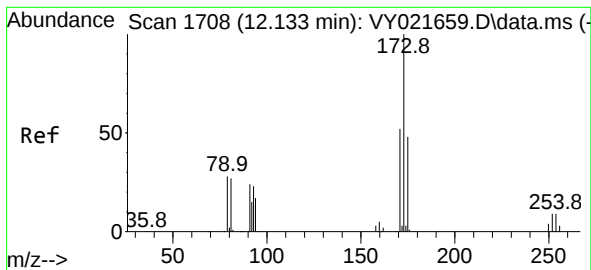
Tgt Ion:106 Resp: 764721
Ion Ratio Lower Upper
106 100
91 216.0 106.7 319.9



#70
Styrene
Concen: 152.877 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion:104 Resp: 1300778
Ion Ratio Lower Upper
104 100
78 50.6 40.8 61.2
103 54.8 44.2 66.2

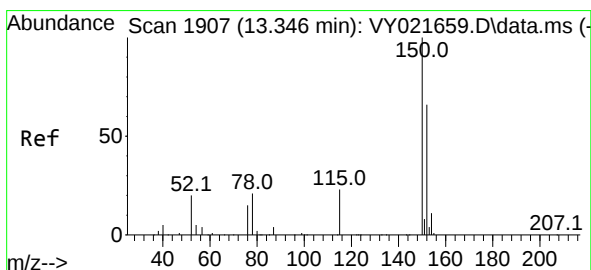
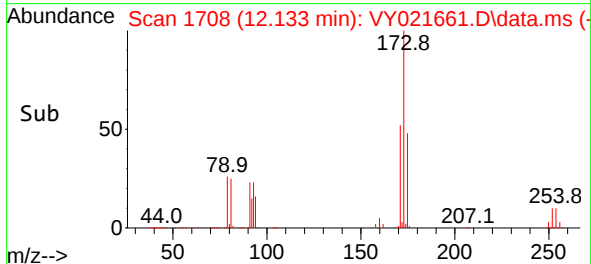
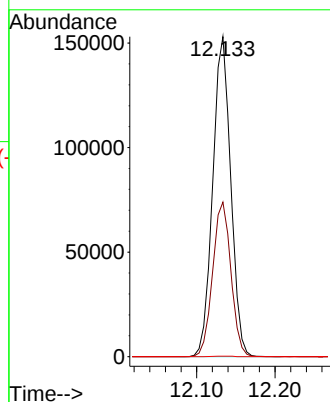
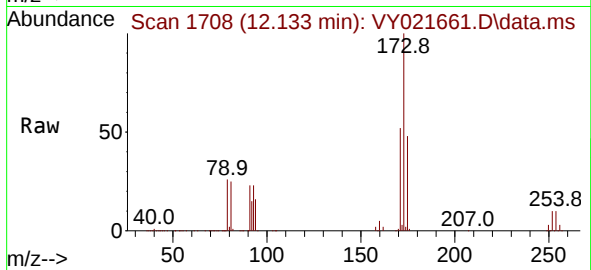




#71
Bromoform
Concen: 143.224 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

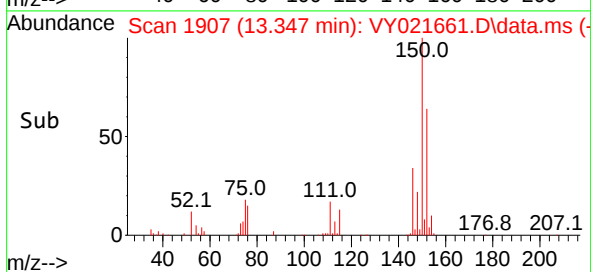
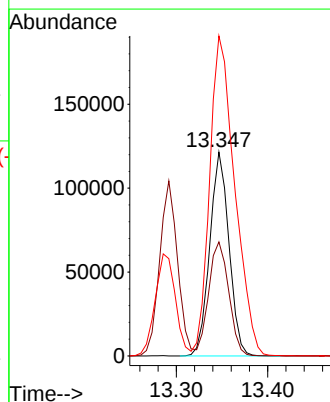
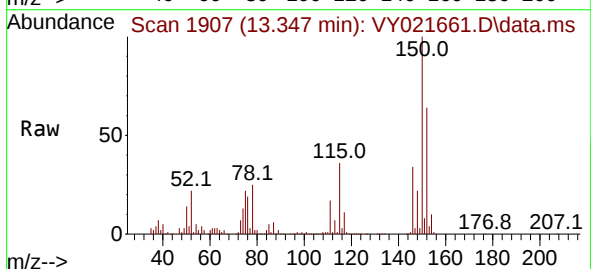
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

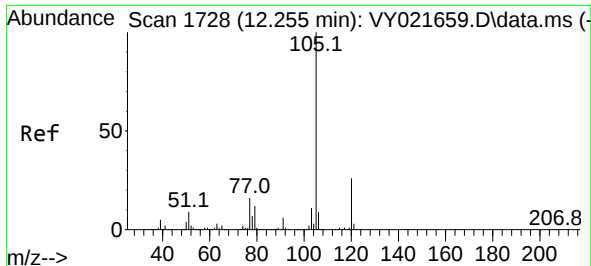
Tgt Ion:173 Resp: 244045
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion:152 Resp: 177289
Ion Ratio Lower Upper
152 100
115 58.0 28.8 86.5
150 205.3 0.0 348.4

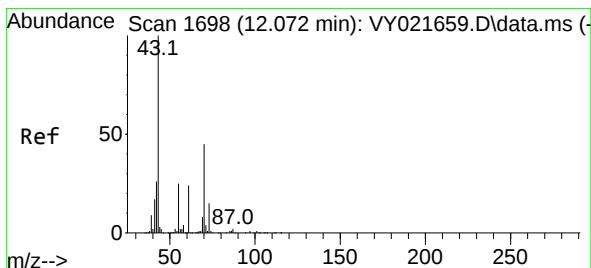
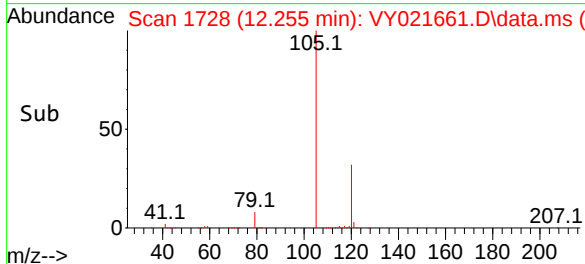
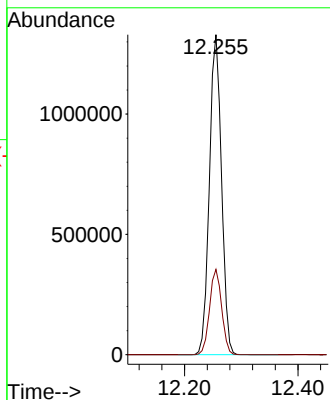
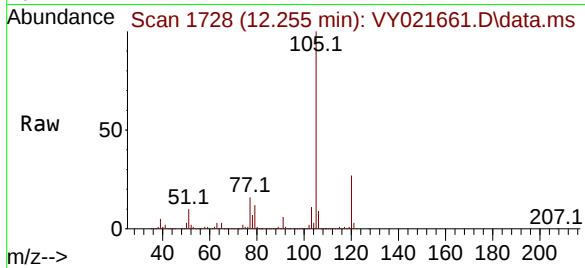




#73
Isopropylbenzene
Concen: 149.537 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

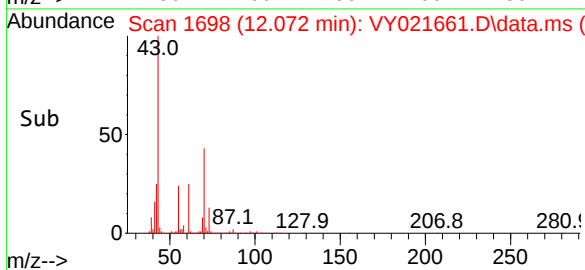
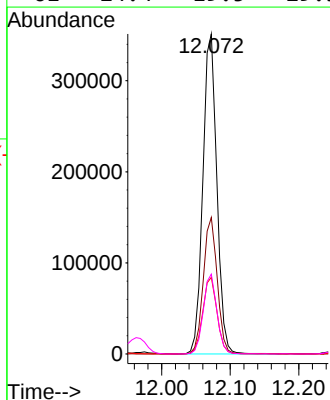
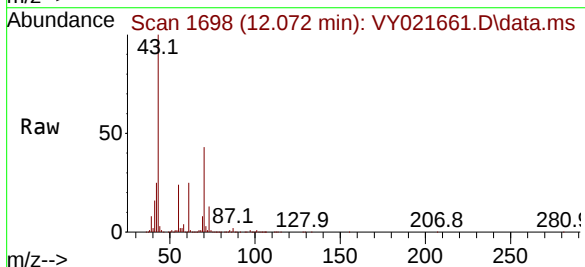
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

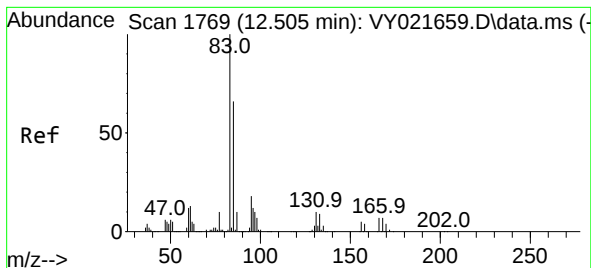
Tgt Ion:105 Resp: 1969094
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5



#74
N-ethyl acetate
Concen: 161.437 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 43 Resp: 498903
Ion Ratio Lower Upper
43 100
70 42.6 34.7 52.1
55 24.5 21.2 31.8
61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 141.706 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

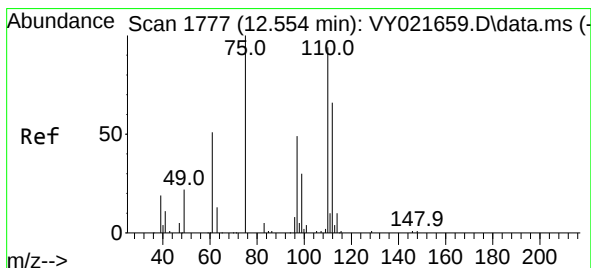
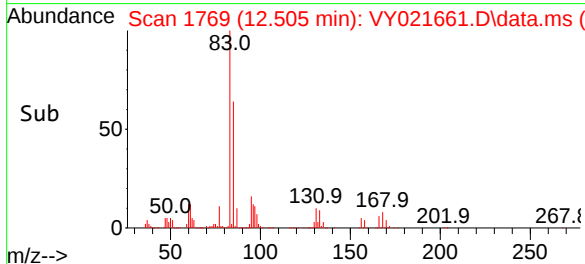
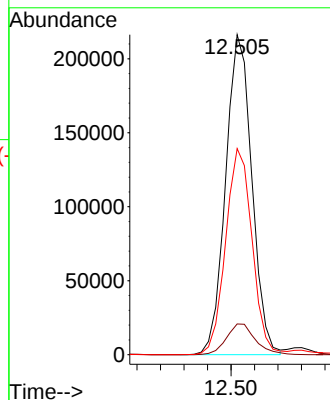
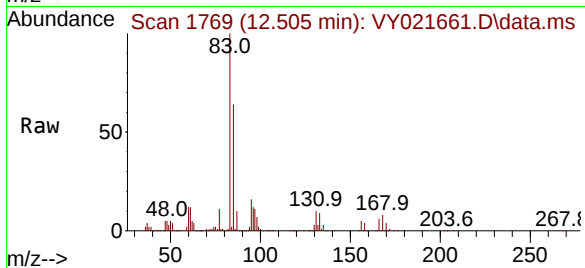
Tgt Ion: 83 Resp: 335483

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 65.1 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 261.385 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY021661.D

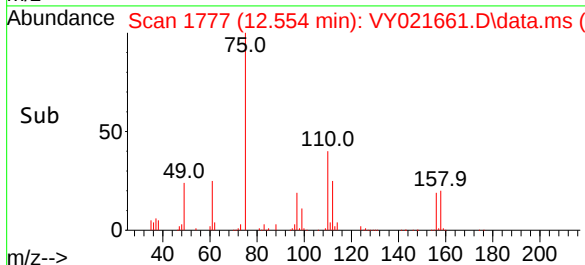
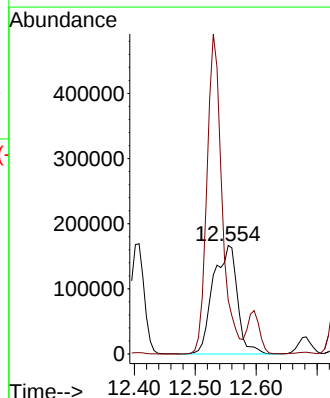
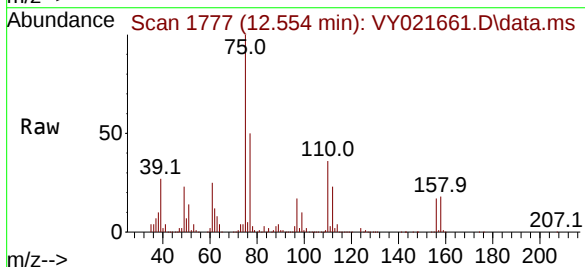
Acq: 27 Mar 2025 12:02

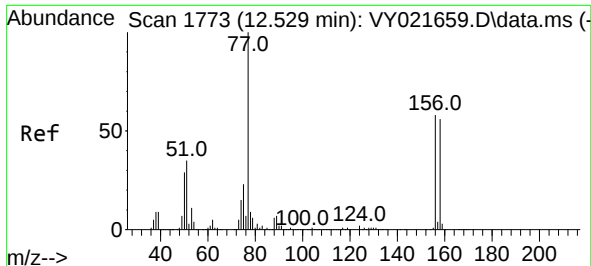
Tgt Ion: 75 Resp: 459355

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

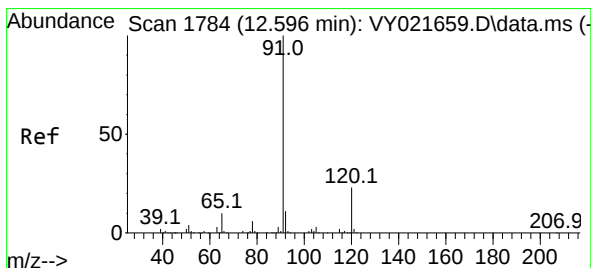
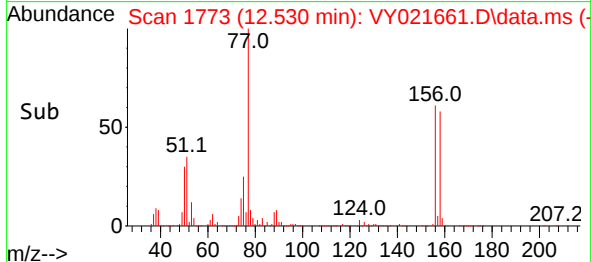
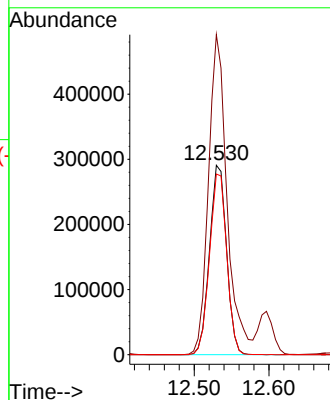
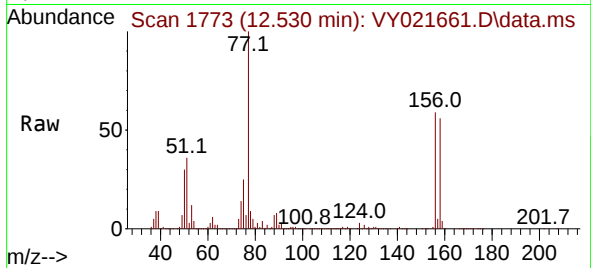




#77
Bromobenzene
Concen: 145.881 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

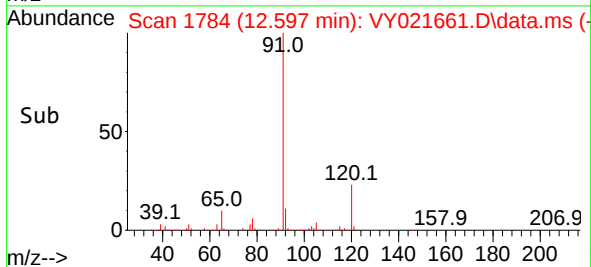
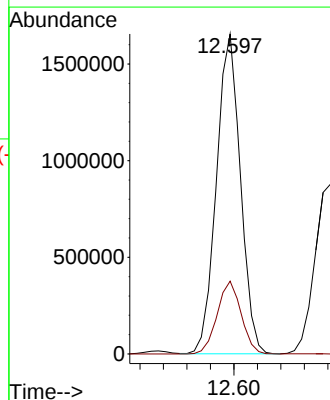
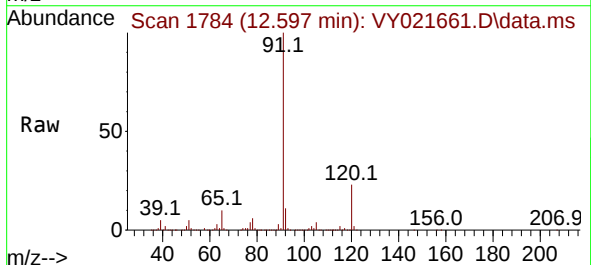
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

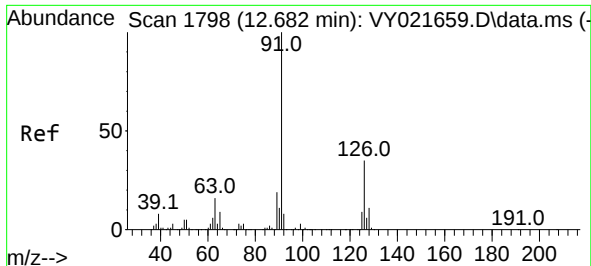
Tgt Ion:156 Resp: 461221
Ion Ratio Lower Upper
156 100
77 184.1 92.8 278.3
158 96.6 48.5 145.6



#78
n-propylbenzene
Concen: 148.082 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 91 Resp: 2344286
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.9

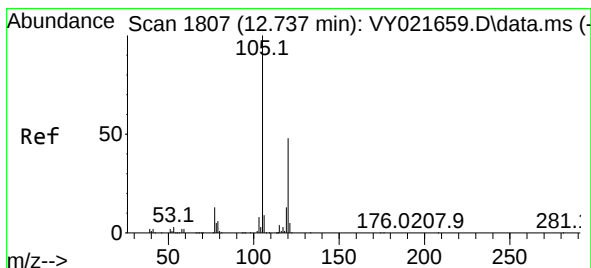
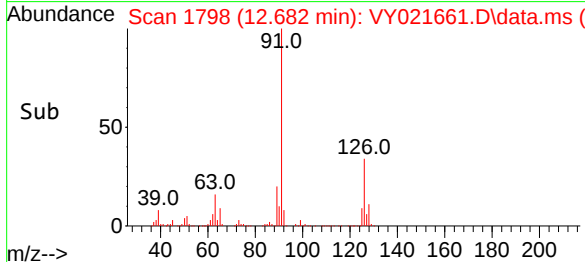
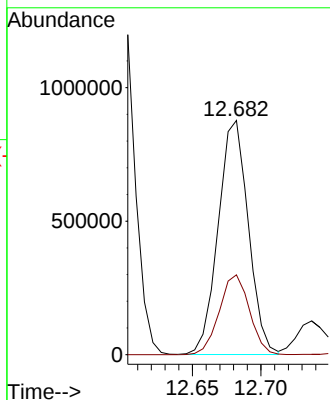
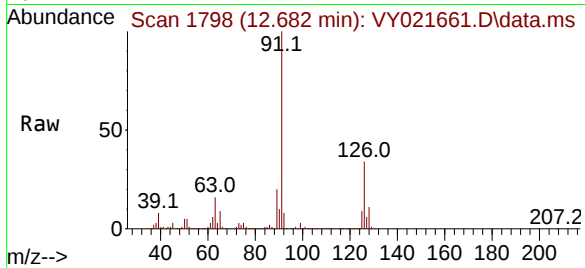




#79
2-Chlorotoluene
Concen: 146.095 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

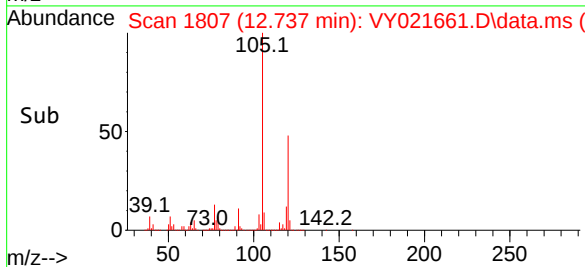
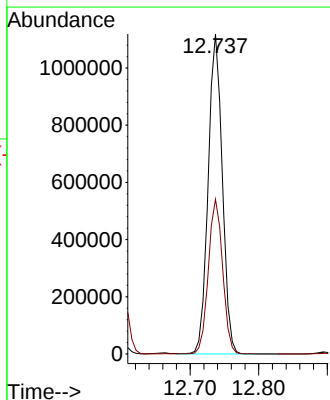
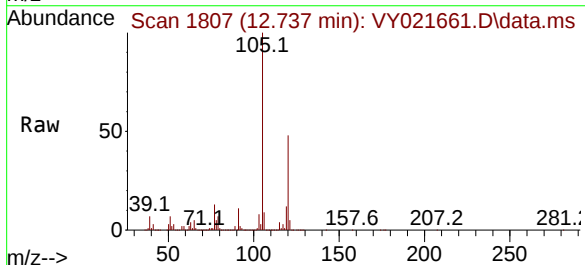
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

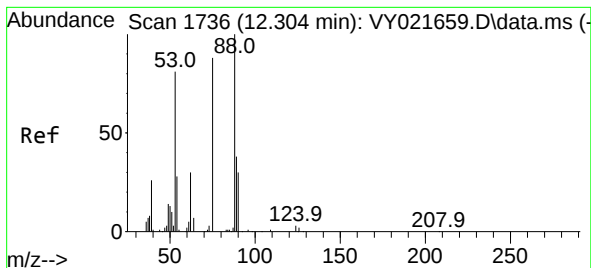
Tgt Ion: 91 Resp: 1343328
Ion Ratio Lower Upper
91 100
126 34.1 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 149.397 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 105 Resp: 1607812
Ion Ratio Lower Upper
105 100
120 48.9 24.5 73.5

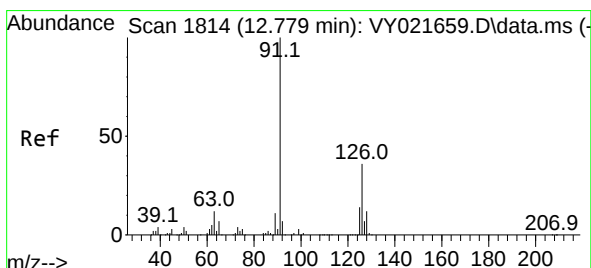
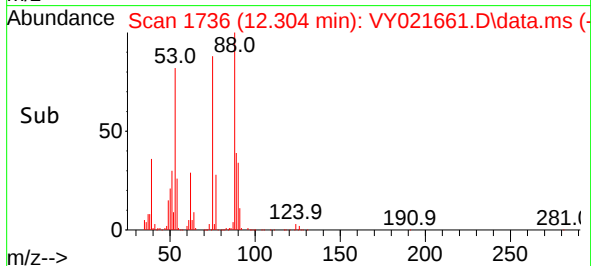
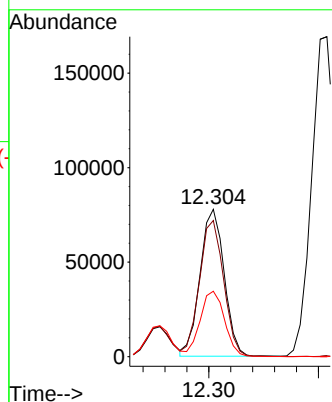
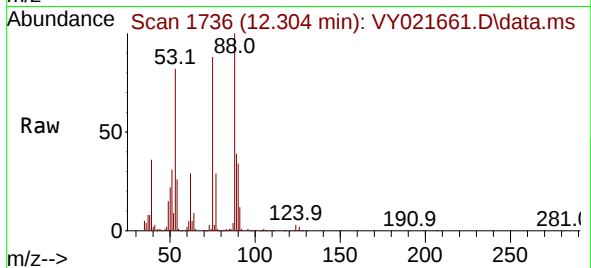




#81
trans-1,4-Dichloro-2-butene
Concen: 156.137 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

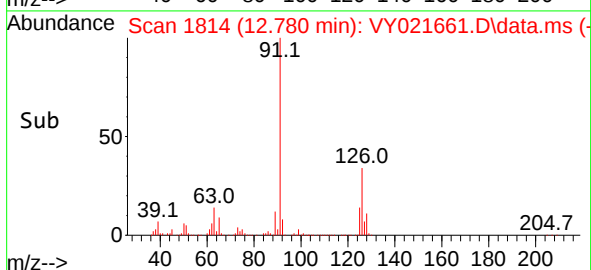
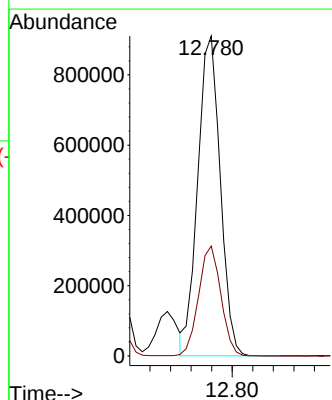
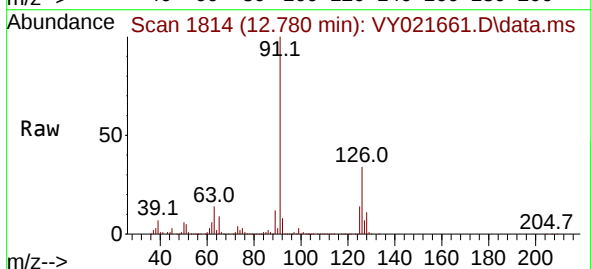
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

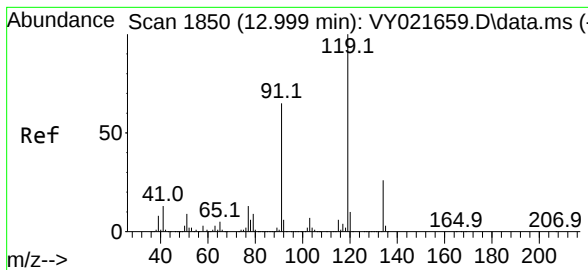
Tgt Ion: 75 Resp: 119086
Ion Ratio Lower Upper
75 100
53 93.4 76.1 114.1
89 44.8 36.2 54.4



#82
4-Chlorotoluene
Concen: 144.608 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 91 Resp: 1386233
Ion Ratio Lower Upper
91 100
126 34.1 17.0 50.9

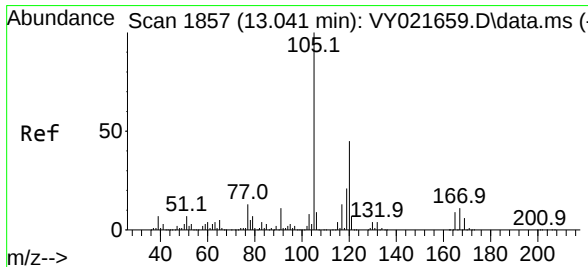
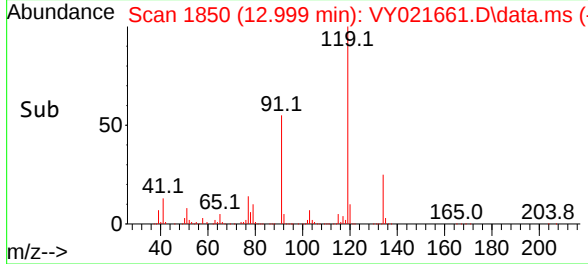
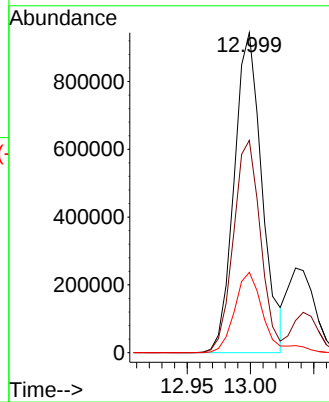
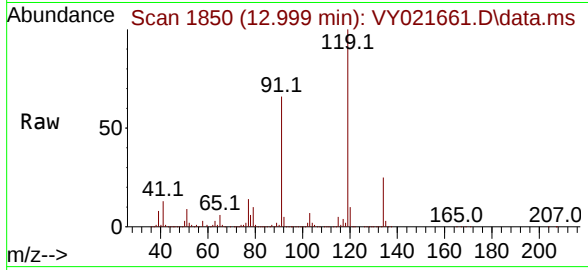




#83
tert-Butylbenzene
Concen: 150.647 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

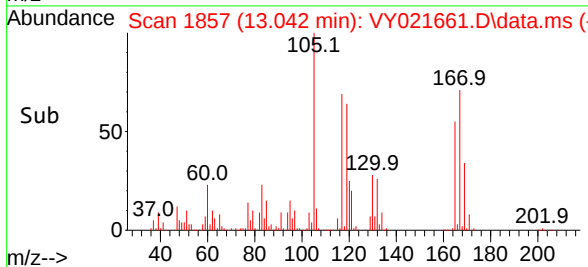
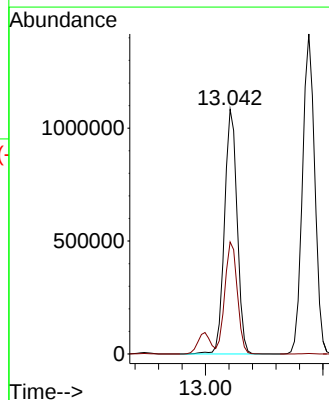
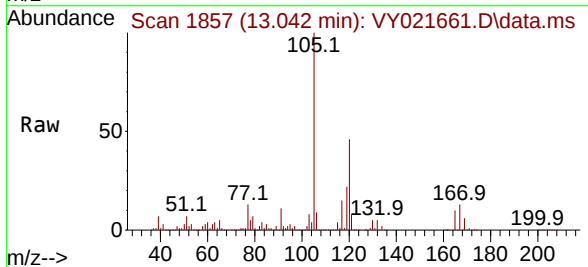
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

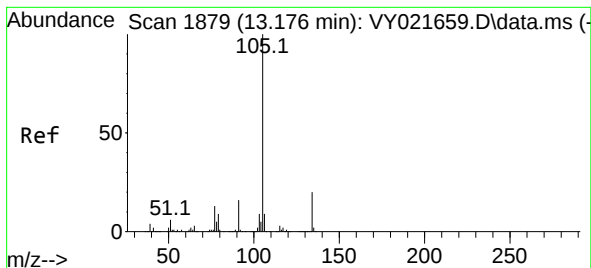
Tgt Ion:119 Resp: 1444053
Ion Ratio Lower Upper
119 100
91 64.7 32.6 97.7
134 26.3 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 152.003 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion:105 Resp: 1616812
Ion Ratio Lower Upper
105 100
120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 146.493 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

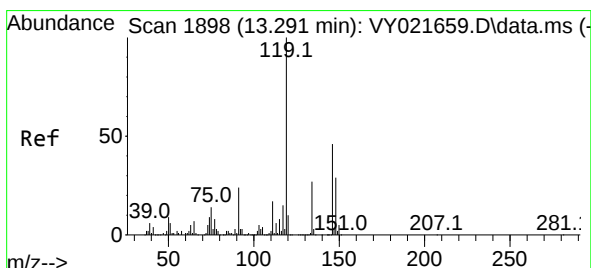
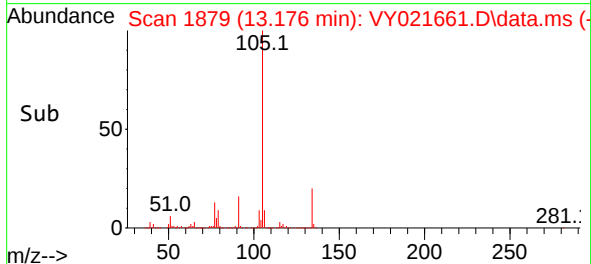
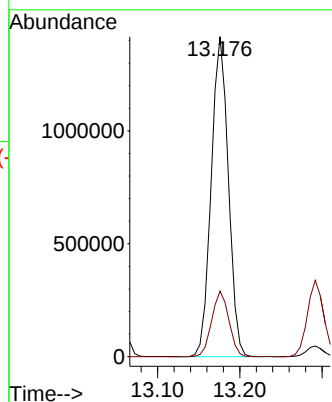
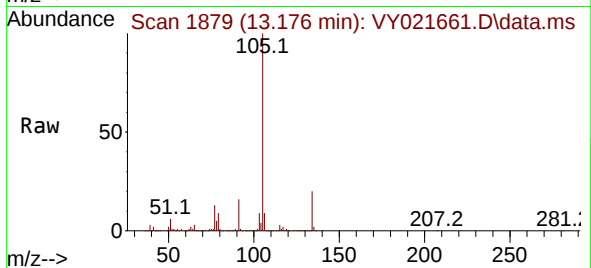
VSTDIC150

Tgt Ion:105 Resp: 2052157

Ion Ratio Lower Upper

105 100

134 20.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 152.863 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

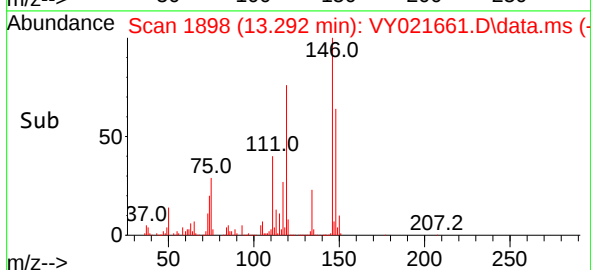
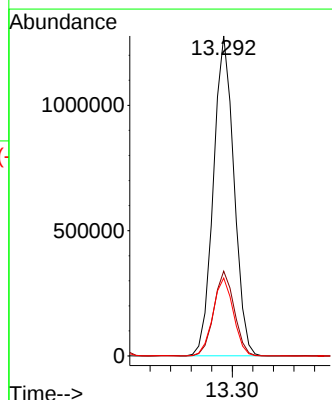
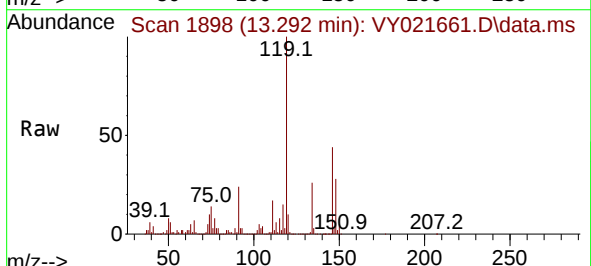
Tgt Ion:119 Resp: 1769866

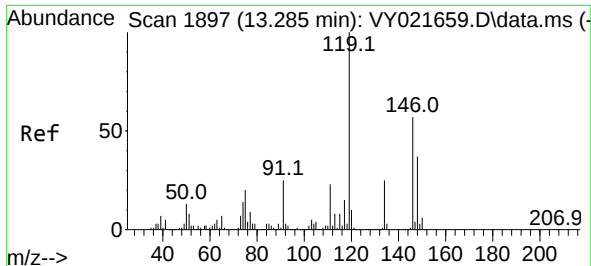
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 24.2 12.0 36.0

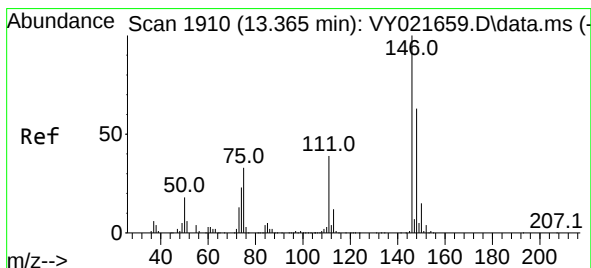
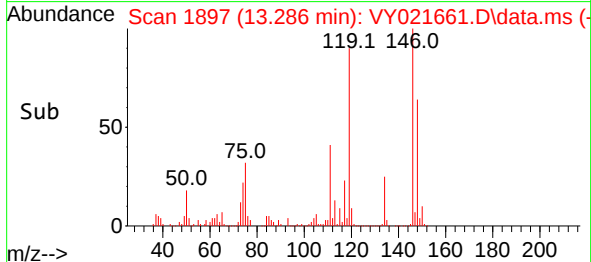
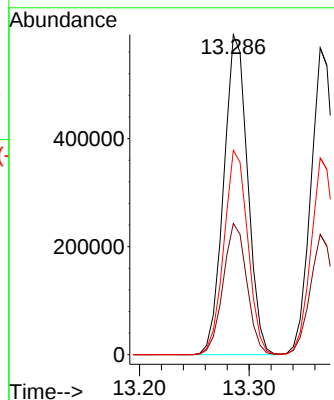
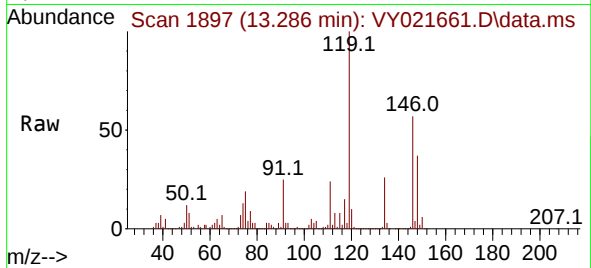




#87
 1,3-Dichlorobenzene
 Concen: 144.177 ug/l
 RT: 13.286 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY021661.D
 Acq: 27 Mar 2025 12:02

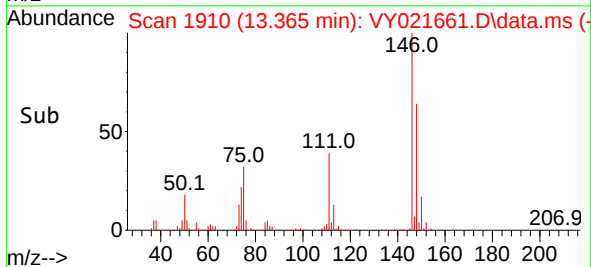
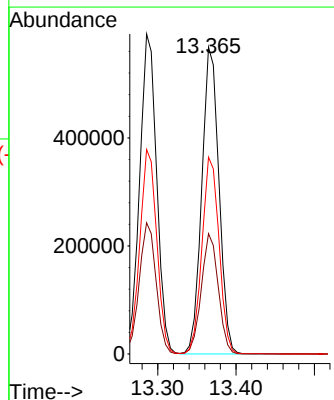
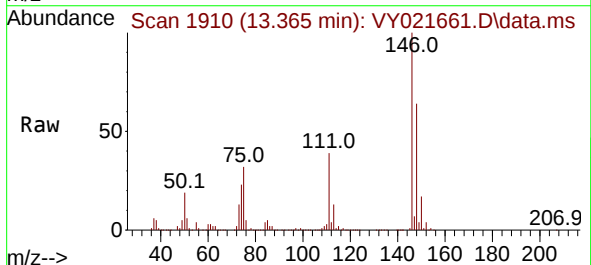
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 898070
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 63.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 140.489 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY021661.D
 Acq: 27 Mar 2025 12:02

Tgt Ion:146 Resp: 864599
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.1
 148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 150.273 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

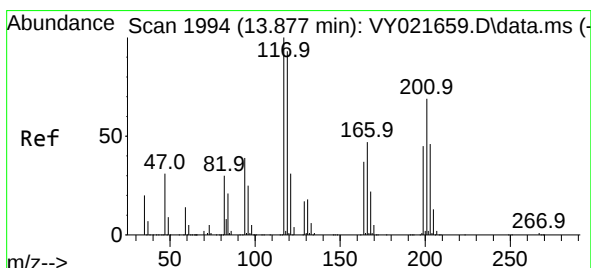
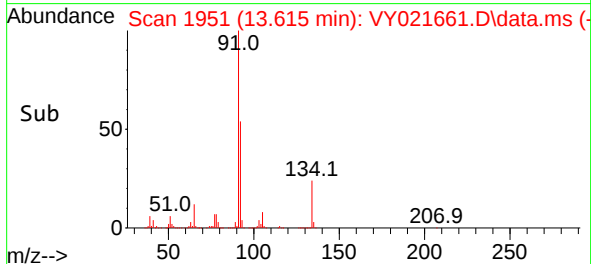
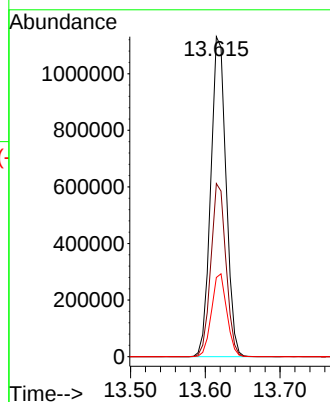
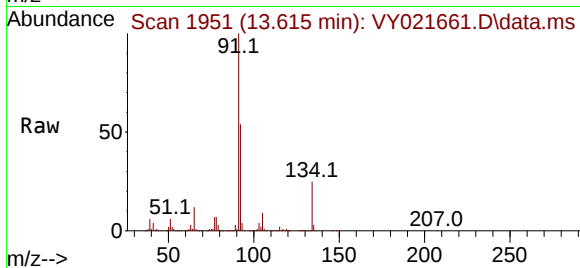
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1609064

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.4	79.2
134	25.9	12.8	38.4



#90

Hexachloroethane

Concen: 143.167 ug/l

RT: 13.883 min Scan# 1995

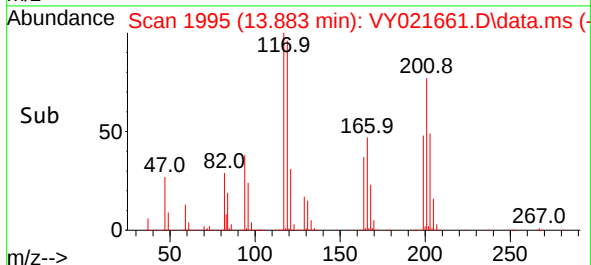
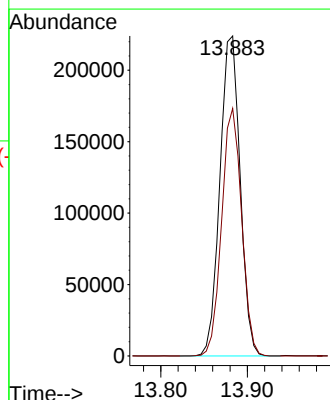
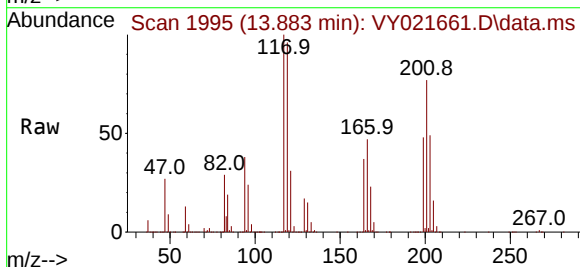
Delta R.T. 0.006 min

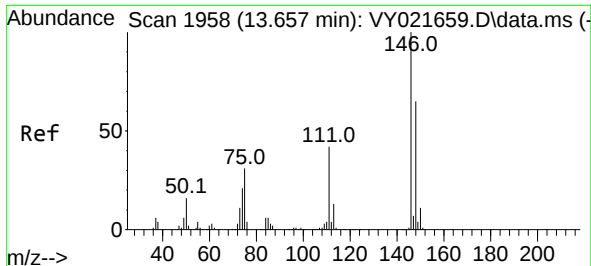
Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Tgt Ion: 117 Resp: 363244

Ion	Ratio	Lower	Upper
117	100		
201	76.3	37.4	112.1

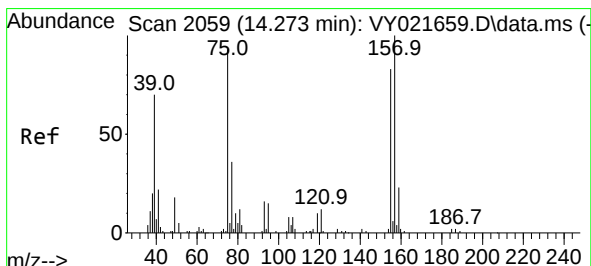
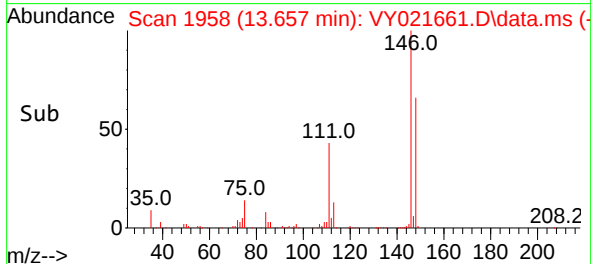
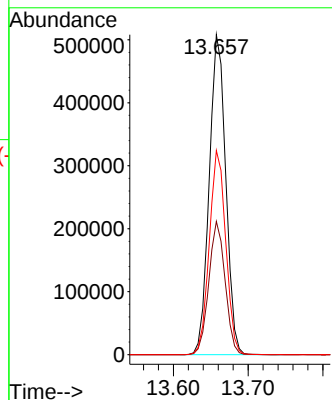
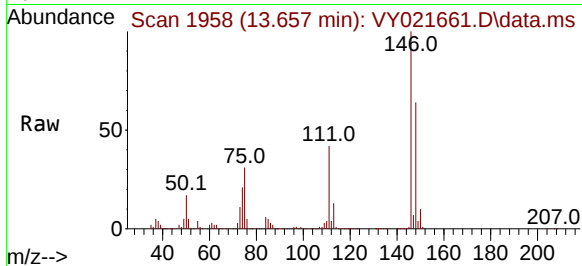




#91
1,2-Dichlorobenzene
Concen: 143.668 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

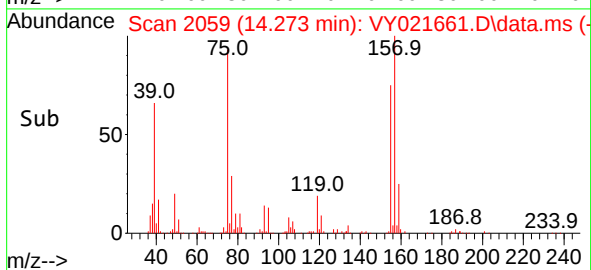
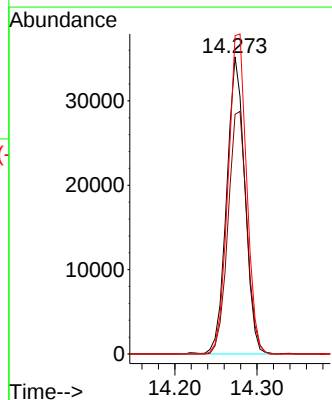
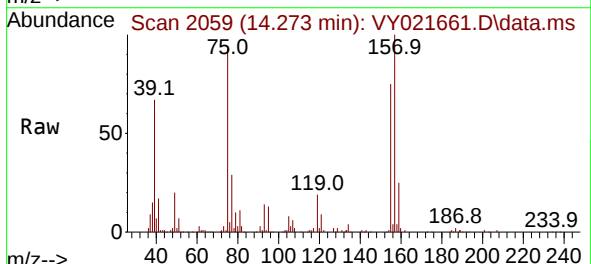
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

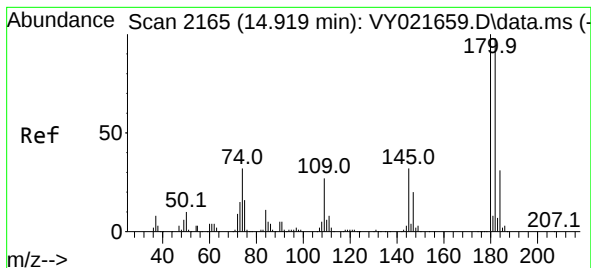
Tgt Ion:146 Resp: 779021
Ion Ratio Lower Upper
146 100
111 41.1 20.7 62.1
148 63.6 32.3 96.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 147.345 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY021661.D
Acq: 27 Mar 2025 12:02

Tgt Ion: 75 Resp: 54066
Ion Ratio Lower Upper
75 100
155 84.5 43.0 128.8
157 109.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 160.803 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

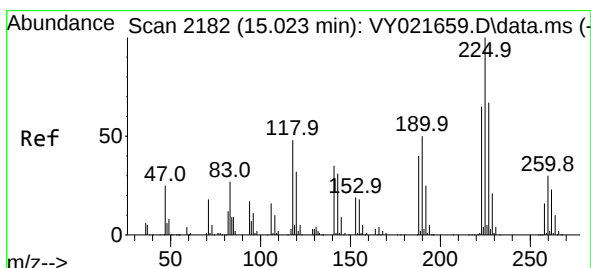
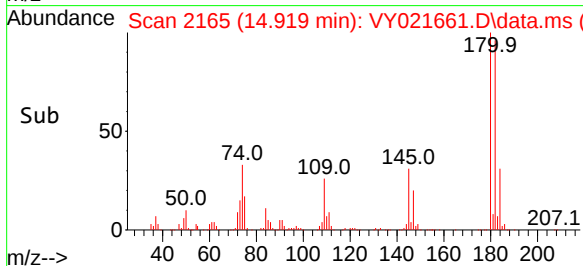
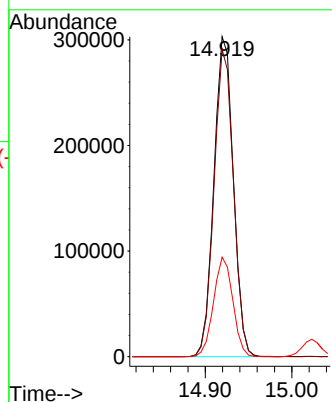
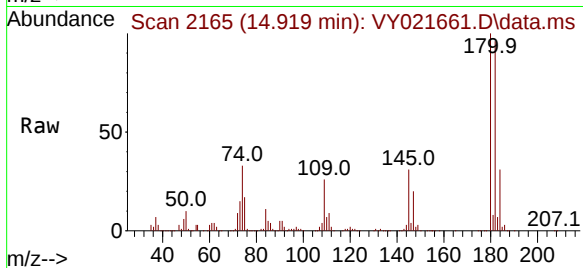
Tgt Ion:180 Resp: 472845

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.6

145 30.8 14.9 44.9



#94

Hexachlorobutadiene

Concen: 142.491 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

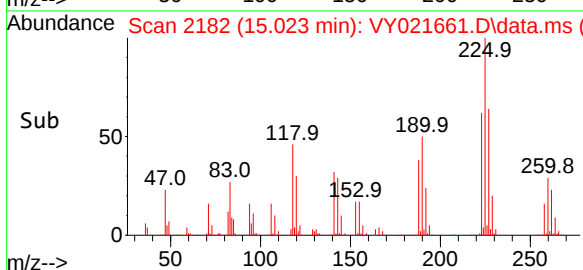
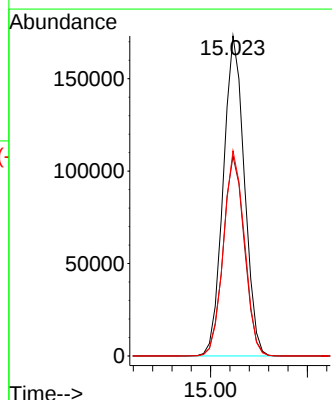
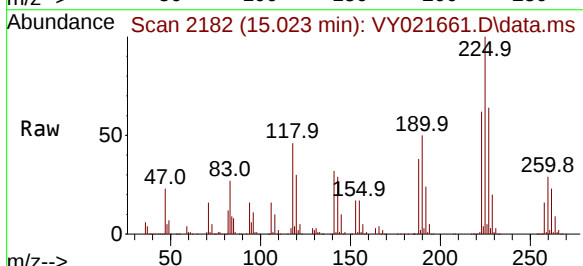
Tgt Ion:225 Resp: 261678

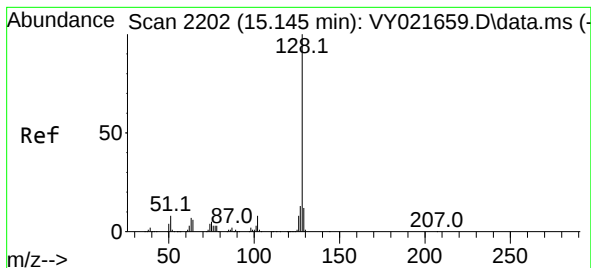
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.7

227 63.4 32.4 97.0





#95

Naphthalene

Concen: 176.342 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

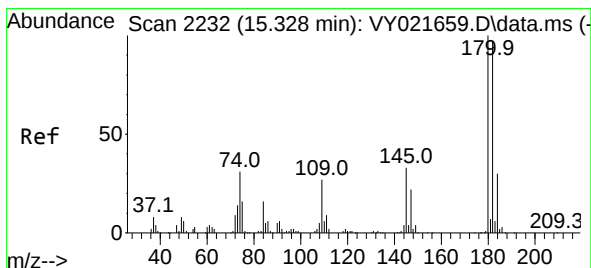
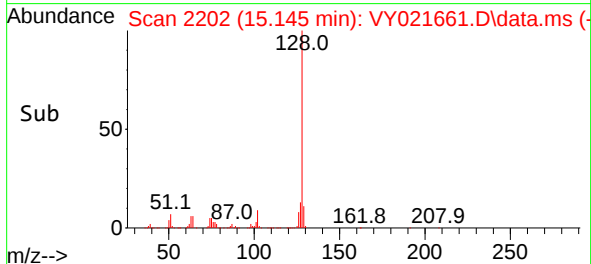
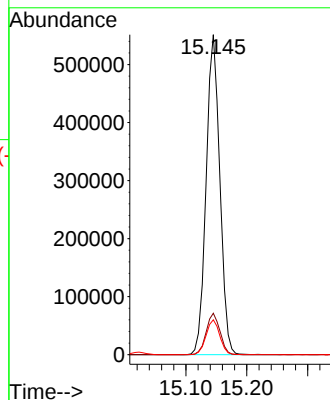
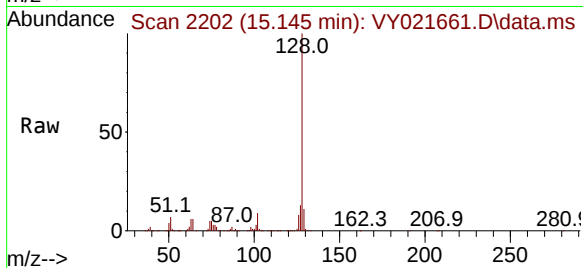
Tgt Ion:128 Resp: 859499

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 159.646 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021661.D

Acq: 27 Mar 2025 12:02

Tgt Ion:180 Resp: 400315

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.5

145 32.5 15.9 47.7

