

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042225\
 Data File : VY021957.D
 Acq On : 22 Apr 2025 15:52
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 23 02:12:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:02:03 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	344392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	517970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	479774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	253936	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	287743	90.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.900%#	
35) Dibromofluoromethane	7.634	113	329983	96.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 192.860%#	
50) Toluene-d8	10.103	98	1288287	99.860	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 199.720%#	
62) 4-Bromofluorobenzene	12.402	95	437911	100.832	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 201.660%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	280742	95.668	ug/l	99
3) Chloromethane	2.068	50	364659	87.270	ug/l	99
4) Vinyl Chloride	2.202	62	468044	91.152	ug/l	100
5) Bromomethane	2.586	94	381632	86.267	ug/l	98
6) Chloroethane	2.733	64	317008	90.651	ug/l	98
7) Trichlorofluoromethane	3.050	101	634632	93.728	ug/l	97
8) Diethyl Ether	3.452	74	169496	96.177	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	342220	93.171	ug/l	99
10) Methyl Iodide	4.001	142	448644	105.498	ug/l	100
11) Tert butyl alcohol	4.872	59	79446	454.915	ug/l	97
12) 1,1-Dichloroethene	3.787	96	335292	97.935	ug/l	98
13) Acrolein	3.647	56	137299	438.034	ug/l	97
14) Allyl chloride	4.379	41	395924	99.318	ug/l	99
15) Acrylonitrile	5.055	53	303243	470.017	ug/l	100
16) Acetone	3.873	43	198486	497.873	ug/l	92
17) Carbon Disulfide	4.104	76	1044296	95.665	ug/l	99
18) Methyl Acetate	4.385	43	142939	96.193	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	785760	102.542	ug/l	97
20) Methylene Chloride	4.610	84	356477	88.623	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	376278	98.137	ug/l	97
22) Diisopropyl ether	6.019	45	895700	100.965	ug/l	98
23) Vinyl Acetate	5.958	43	2455946	513.679	ug/l	99
24) 1,1-Dichloroethane	5.909	63	589137	95.806	ug/l	98
25) 2-Butanone	6.890	43	342128	471.826	ug/l	99
26) 2,2-Dichloropropane	6.884	77	530549	98.439	ug/l	100
27) cis-1,2-Dichloroethene	6.884	96	436196	101.743	ug/l	100
28) Bromochloromethane	7.244	49	221300	92.652	ug/l	97
29) Tetrahydrofuran	7.262	42	228438	485.059	ug/l	96
30) Chloroform	7.421	83	659805	96.733	ug/l	100
31) Cyclohexane	7.701	56	502812	95.618	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	595919	96.568	ug/l	99
36) 1,1-Dichloropropene	7.835	75	466424	101.471	ug/l	99
37) Ethyl Acetate	6.982	43	158846	97.530	ug/l	98
38) Carbon Tetrachloride	7.817	117	554665	100.983	ug/l	97
39) Methylcyclohexane	9.109	83	621199	107.388	ug/l	98
40) Benzene	8.079	78	1466182	102.038	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	84524	93.624	ug/l #	89
42) 1,2-Dichloroethane	8.158	62	348314	97.908	ug/l	100
43) Isopropyl Acetate	8.195	43	319666	100.828	ug/l	98
44) Trichloroethene	8.866	130	401139	100.789	ug/l	99
45) 1,2-Dichloropropane	9.140	63	318648	100.279	ug/l	99
46) Dibromomethane	9.231	93	197509	99.293	ug/l	99
47) Bromodichloromethane	9.420	83	507797	102.188	ug/l	99
48) Methyl methacrylate	9.219	41	155528	106.117	ug/l	97
49) 1,4-Dioxane	9.231	88	43176	2036.490	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	859904	517.403	ug/l	99
52) Toluene	10.170	92	986553	106.068	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	452714	106.213	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	532092	105.017	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	267477	100.667	ug/l	99
56) Ethyl methacrylate	10.438	69	343556	113.068	ug/l	100
57) 1,3-Dichloropropane	10.713	76	432340	101.498	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	796991	536.469	ug/l	99
59) 2-Hexanone	10.762	43	573925	523.558	ug/l	99
60) Dibromochloromethane	10.908	129	380014	103.302	ug/l	99
61) 1,2-Dibromoethane	11.012	107	256079	102.087	ug/l	98
64) Tetrachloroethene	10.646	164	446995	98.761	ug/l	99
65) Chlorobenzene	11.438	112	1092542	101.831	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	384924	101.907	ug/l	99
67) Ethyl Benzene	11.518	91	1909638	108.806	ug/l	100
68) m/p-Xylenes	11.627	106	1528954	218.926	ug/l	98
69) o-Xylene	11.956	106	716652	111.334	ug/l	99
70) Styrene	11.969	104	1220634	112.940	ug/l	99
71) Bromoform	12.133	173	226072	102.945	ug/l #	98
73) Isopropylbenzene	12.255	105	1848306	108.944	ug/l	99
74) N-amyl acetate	12.066	43	312577	107.236	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	281769	98.509	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	375170	167.670	ug/l #	100
77) Bromobenzene	12.530	156	451913	105.415	ug/l	98
78) n-propylbenzene	12.597	91	2162620	107.039	ug/l	99
79) 2-Chlorotoluene	12.676	91	1236457	105.231	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1512269	108.183	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	91833	101.673	ug/l	97
82) 4-Chlorotoluene	12.773	91	1280377	104.825	ug/l	99
83) tert-Butylbenzene	12.993	119	1383923	110.389	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1537175	109.940	ug/l	99
85) sec-Butylbenzene	13.176	105	1979821	107.920	ug/l	100
86) p-Isopropyltoluene	13.292	119	1719877	110.405	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	908577	104.350	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	880300	102.083	ug/l	99
89) n-Butylbenzene	13.615	91	1511238	108.535	ug/l	99
90) Hexachloroethane	13.877	117	349860	102.221	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	780600	102.789	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	43006	94.503	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	492590	114.465	ug/l	100
94) Hexachlorobutadiene	15.023	225	281711	106.397	ug/l	99
95) Naphthalene	15.145	128	858079	120.033	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	420859	113.294	ug/l	99

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QLast Update : Wed Apr 23 02:02:03 2025
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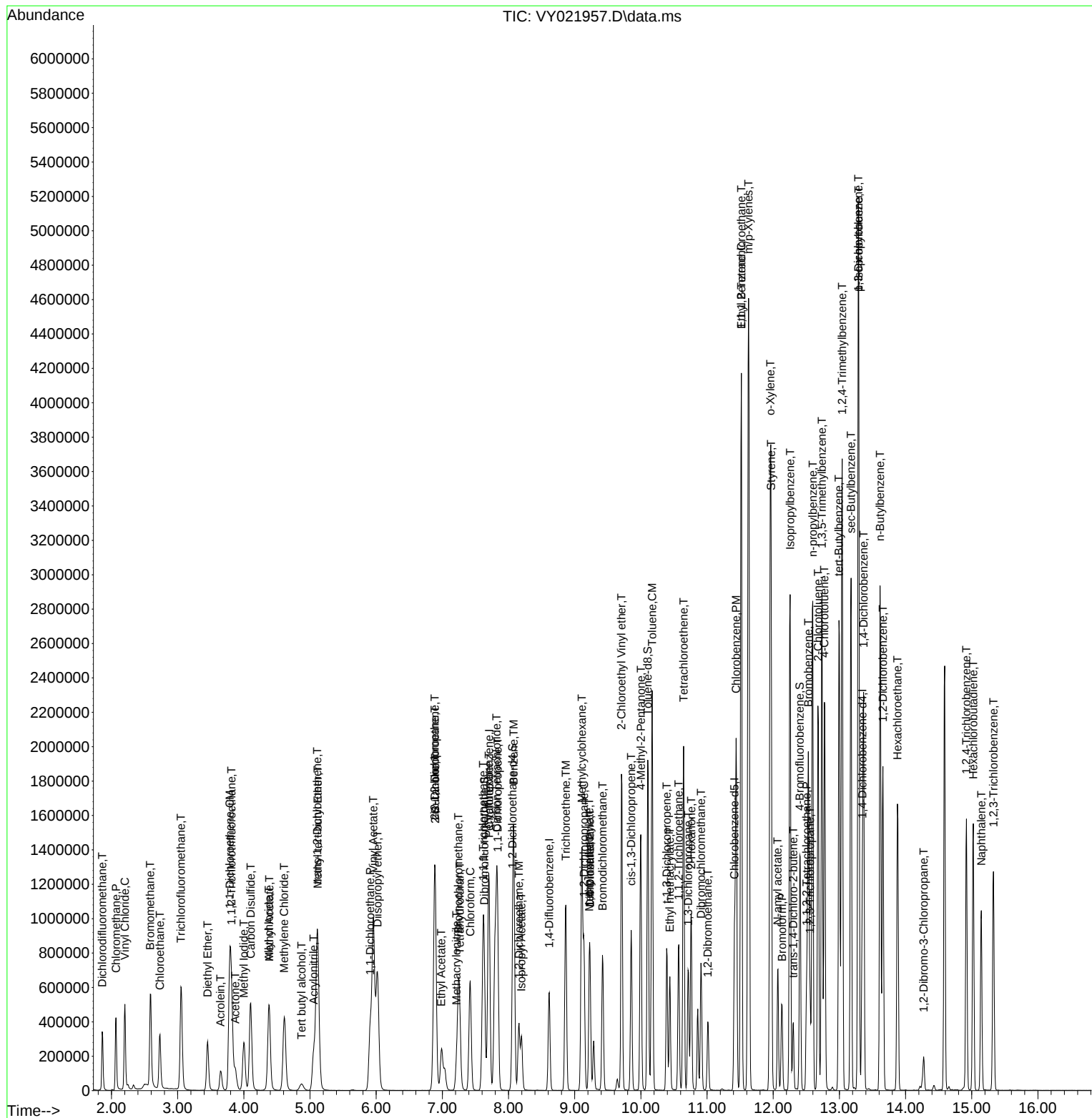
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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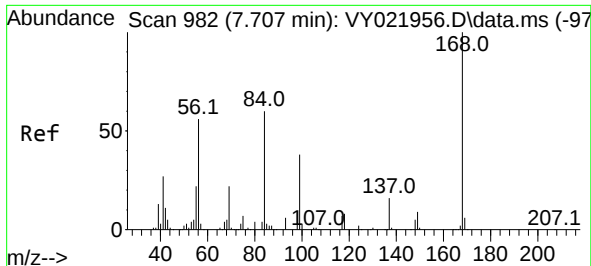
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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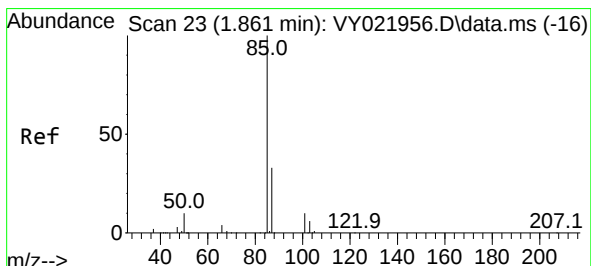
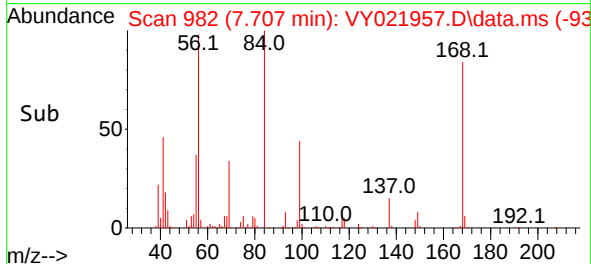
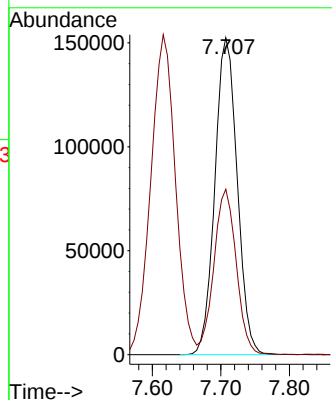
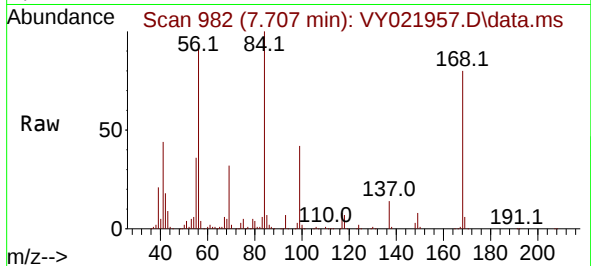




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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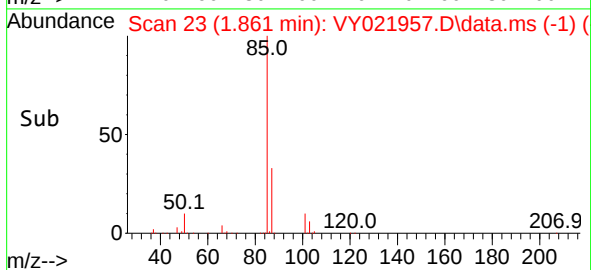
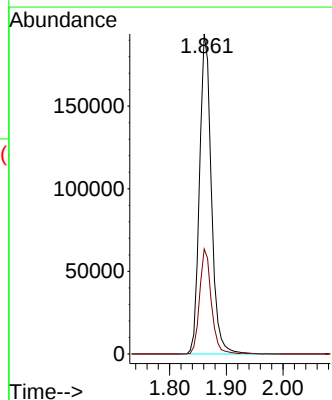
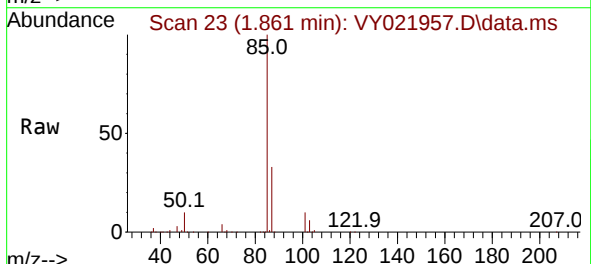
Instrument :
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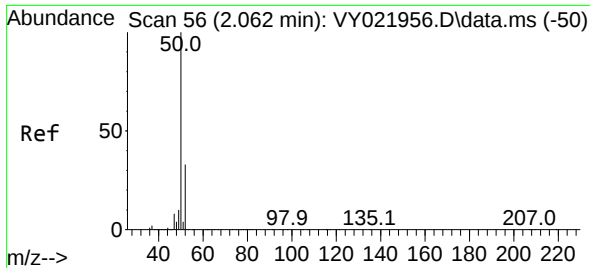
Tgt Ion:168 Resp: 344392
Ion Ratio Lower Upper
168 100
99 52.1 43.1 64.7



#2
Dichlorodifluoromethane
Concen: 95.668 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 85 Resp: 280742
Ion Ratio Lower Upper
85 100
87 32.8 16.6 49.7

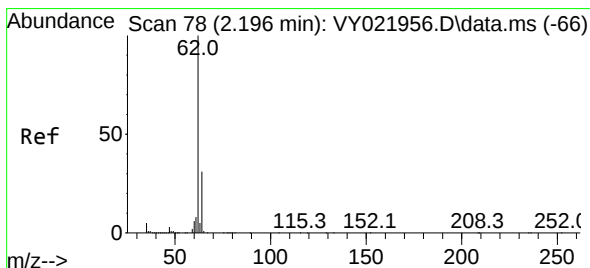
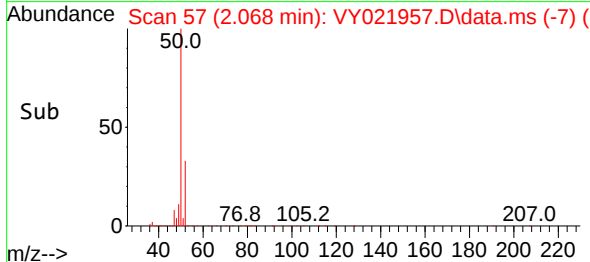
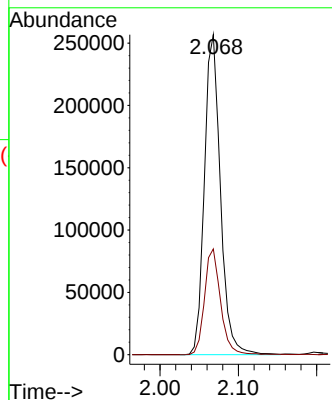
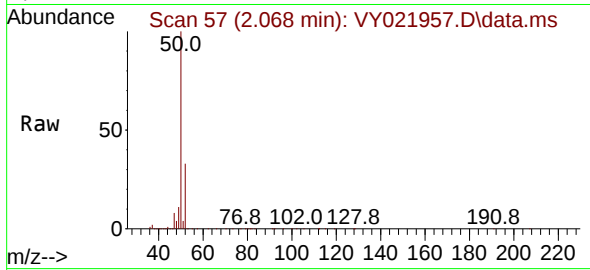




#3
Chloromethane
Concen: 87.270 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

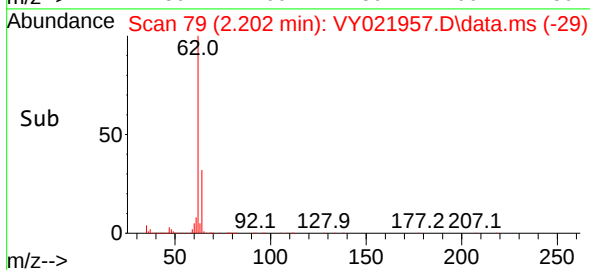
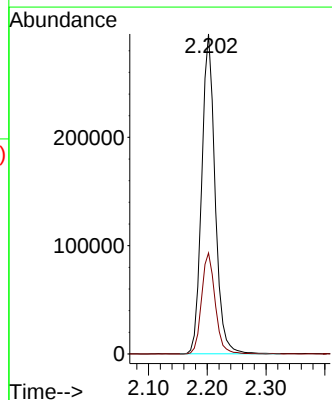
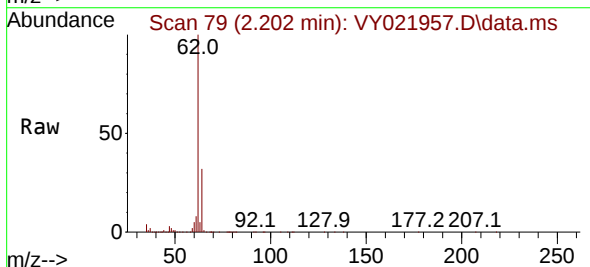
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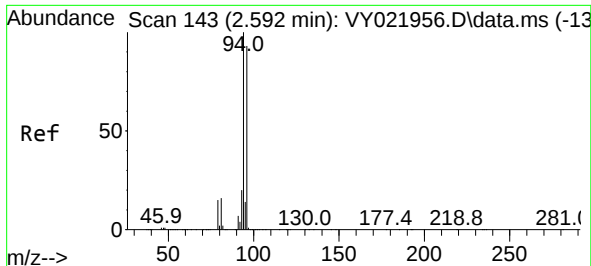
Tgt Ion: 50 Resp: 364659
Ion Ratio Lower Upper
50 100
52 33.1 26.1 39.1



#4
Vinyl Chloride
Concen: 91.152 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 62 Resp: 468044
Ion Ratio Lower Upper
62 100
64 31.6 25.1 37.7

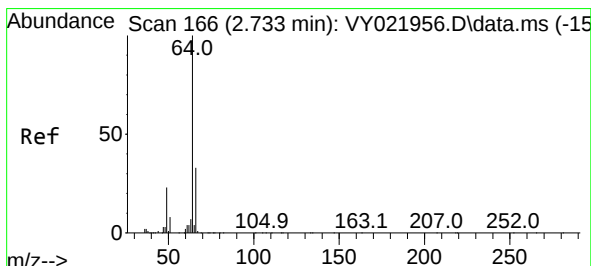
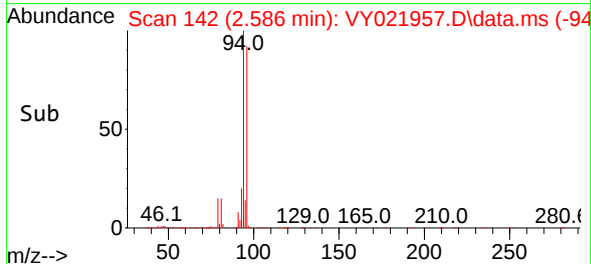
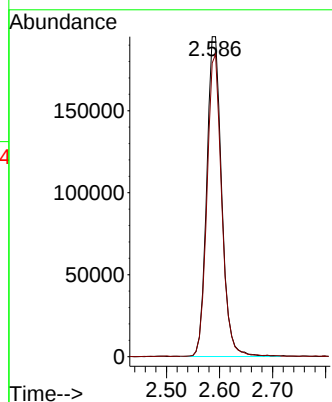
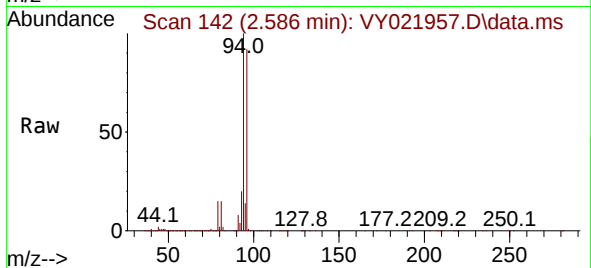




#5
Bromomethane
Concen: 86.267 ug/l
RT: 2.586 min Scan# 143
Delta R.T. -0.006 min
Lab File: VY021957.D
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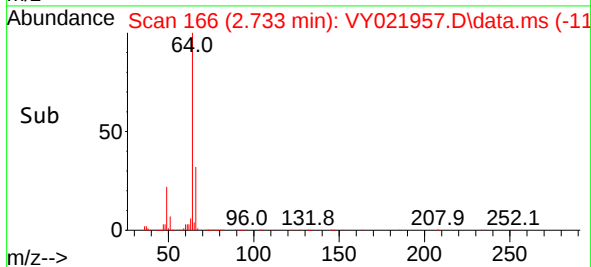
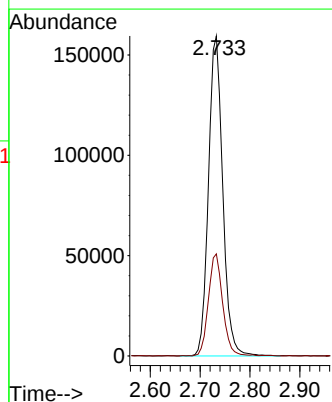
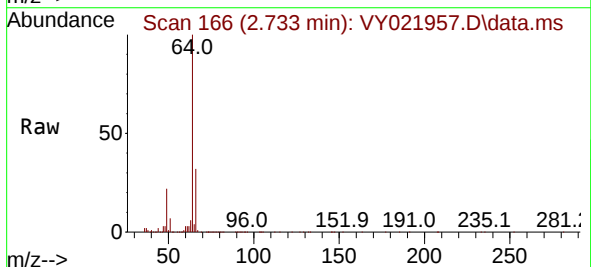
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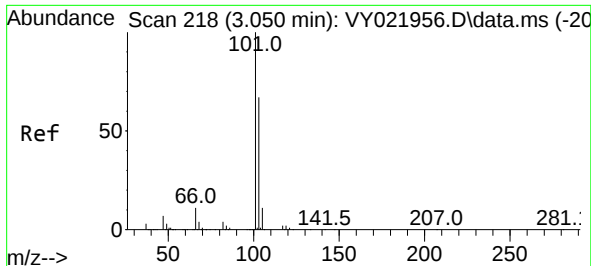
Tgt Ion: 94 Resp: 381632
Ion Ratio Lower Upper
94 100
96 91.7 74.6 111.8



#6
Chloroethane
Concen: 90.651 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 317008
Ion Ratio Lower Upper
64 100
66 31.9 26.2 39.4

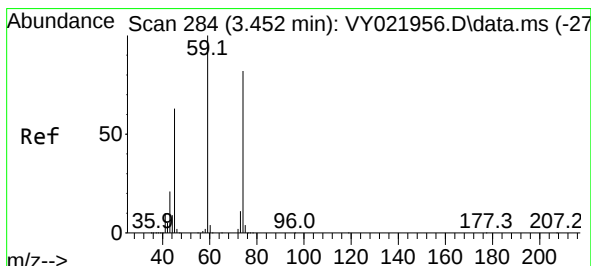
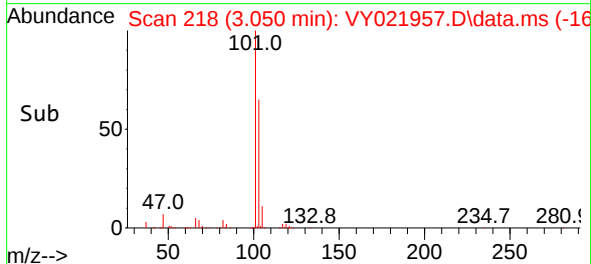
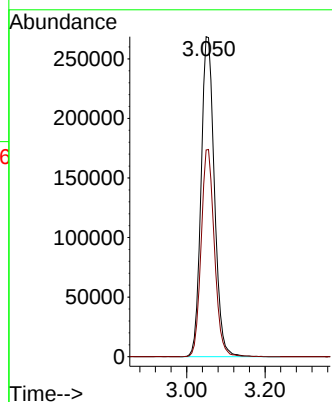
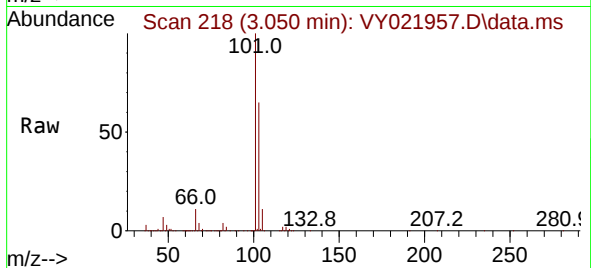




#7
Trichlorofluoromethane
Concen: 93.728 ug/l
RT: 3.050 min Scan# 218
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

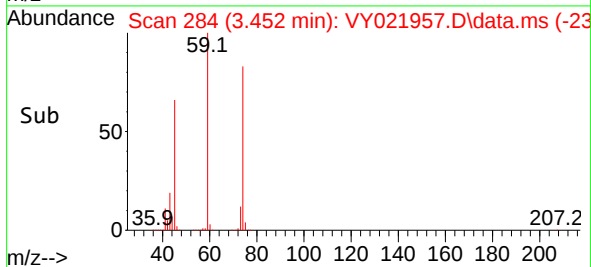
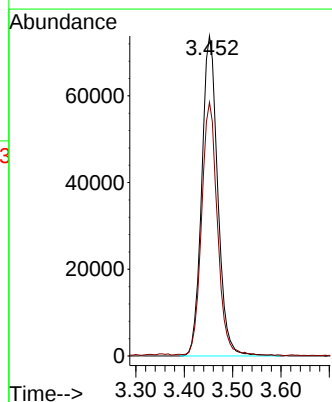
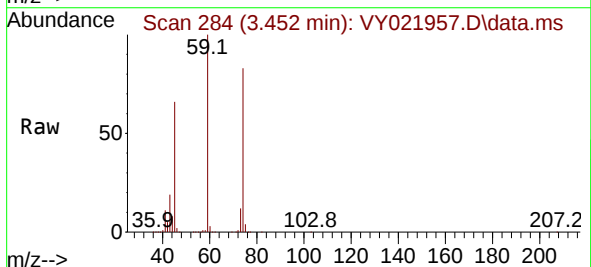
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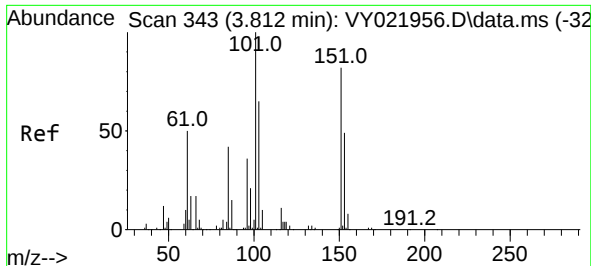
Tgt Ion:101 Resp: 634632
Ion Ratio Lower Upper
101 100
103 64.6 53.6 80.4



#8
Diethyl Ether
Concen: 96.177 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY021957.D
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Tgt Ion: 74 Resp: 169496
Ion Ratio Lower Upper
74 100
45 77.7 39.1 117.5

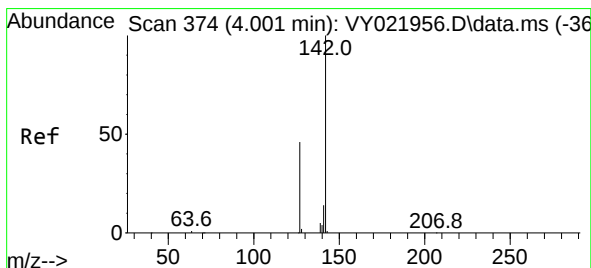
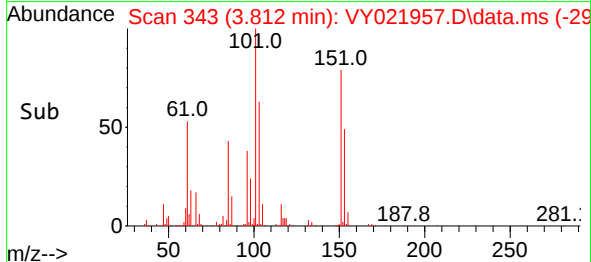
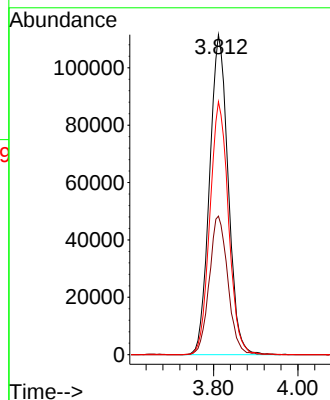
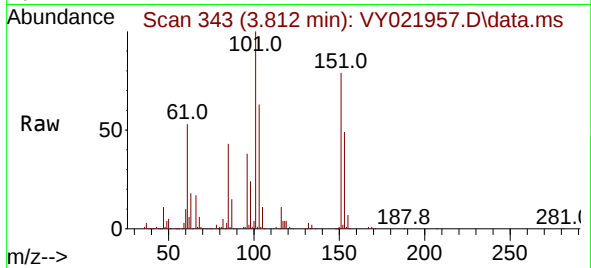




#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.171 ug/l
RT: 3.812 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

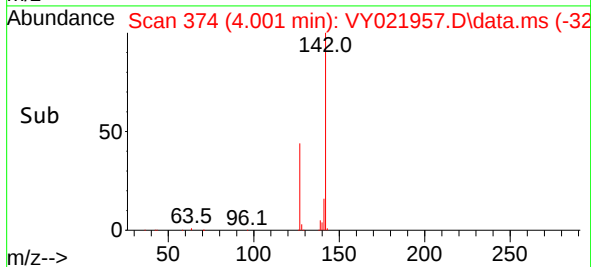
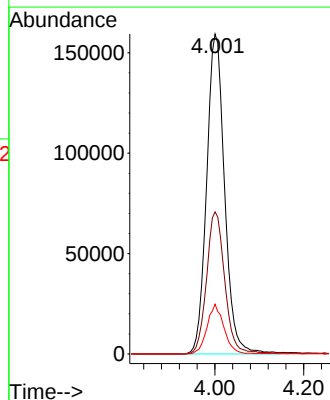
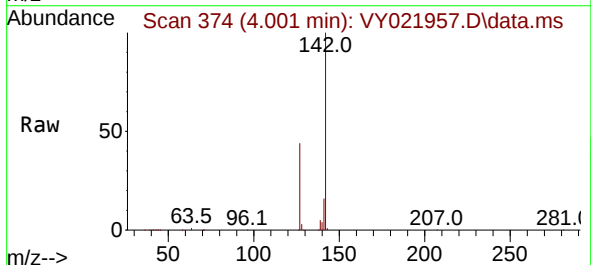
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

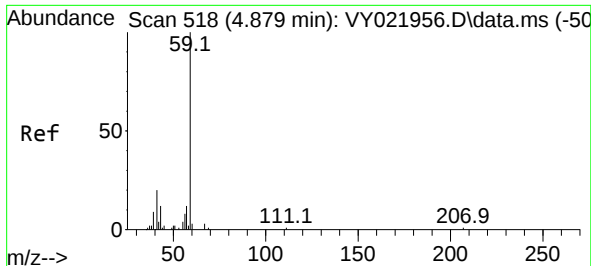
Tgt Ion:101 Resp: 342220
Ion Ratio Lower Upper
101 100
85 43.2 34.6 51.8
151 78.9 63.7 95.5



#10
Methyl Iodide
Concen: 105.498 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:142 Resp: 448644
Ion Ratio Lower Upper
142 100
127 45.0 36.2 54.2
141 14.6 11.7 17.5





#11

Tert butyl alcohol

Concen: 454.915 ug/l

RT: 4.872 min Scan# 518

Delta R.T. -0.006 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

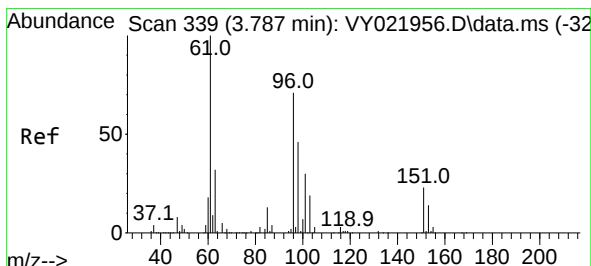
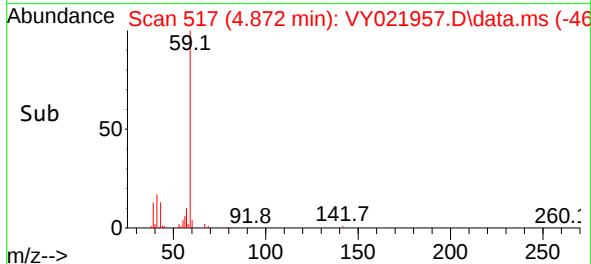
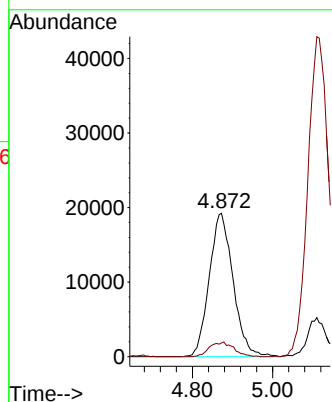
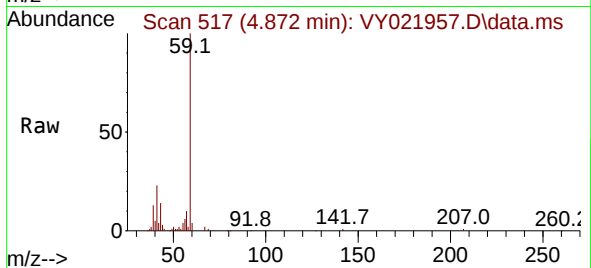
VSTDIC100

Tgt Ion: 59 Resp: 79446

Ion Ratio Lower Upper

59 100

57 10.4 9.3 13.9



#12

1,1-Dichloroethene

Concen: 97.935 ug/l

RT: 3.787 min Scan# 339

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

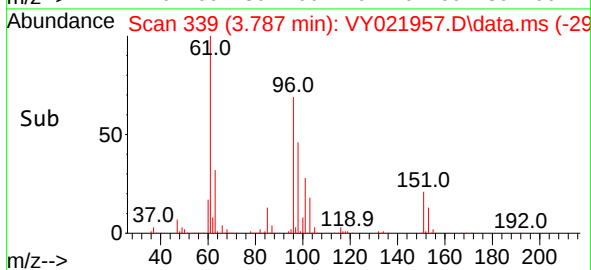
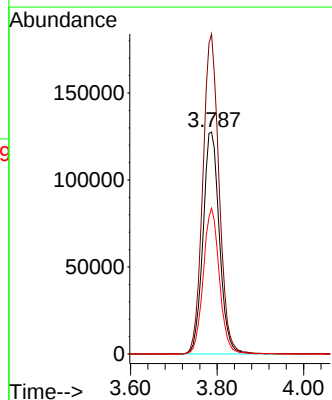
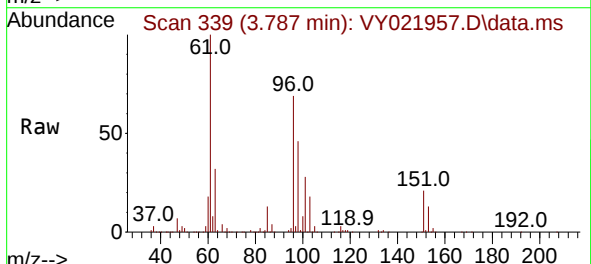
Tgt Ion: 96 Resp: 335292

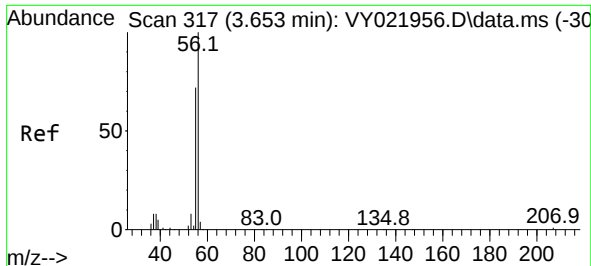
Ion Ratio Lower Upper

96 100

61 144.2 113.0 169.4

98 65.7 51.4 77.2

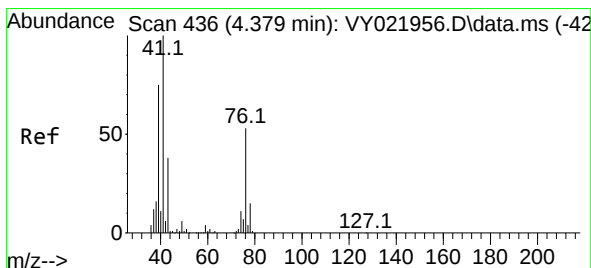
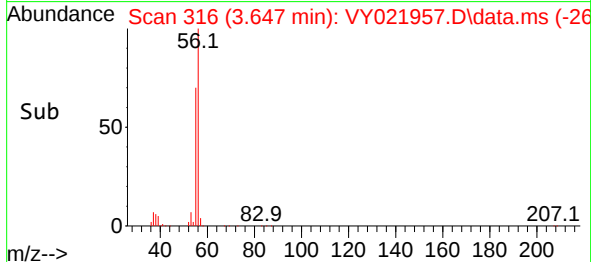
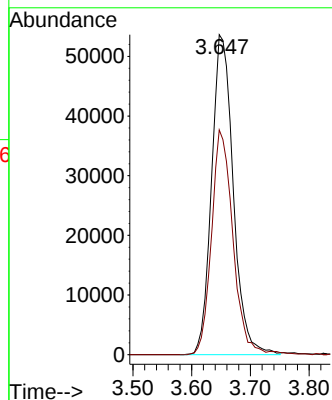
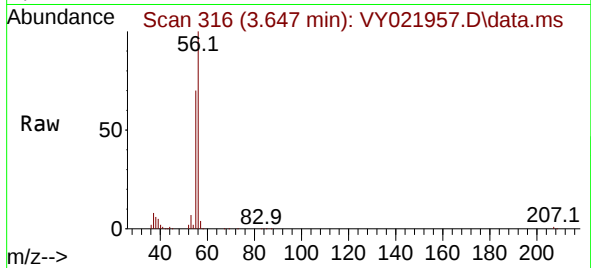




#13
Acrolein
Concen: 438.034 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

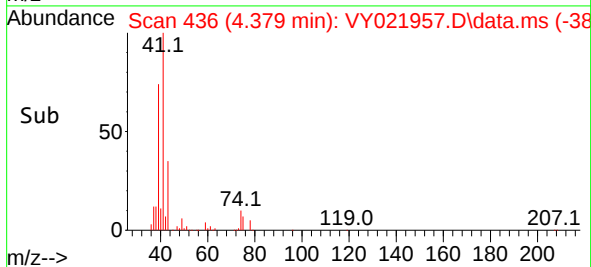
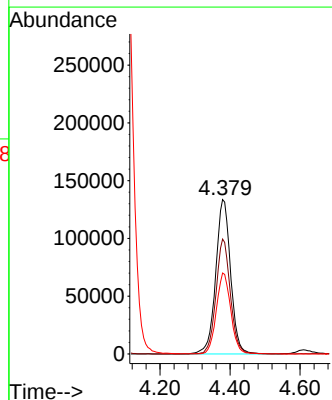
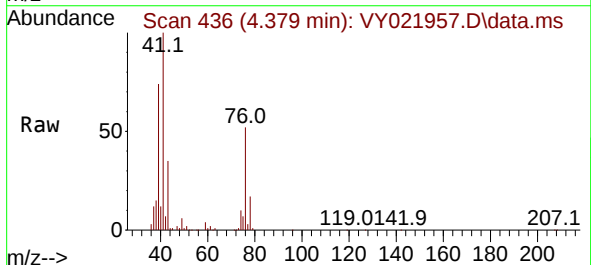
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

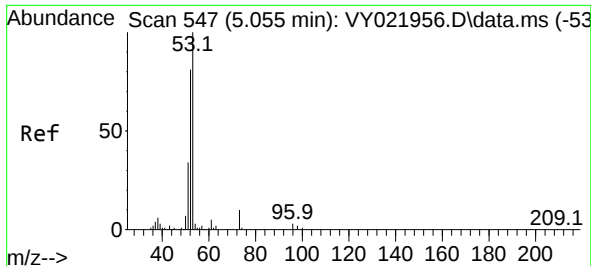
Tgt Ion: 56 Resp: 137299
Ion Ratio Lower Upper
56 100
55 69.1 57.4 86.0



#14
Allyl chloride
Concen: 99.318 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 41 Resp: 395924
Ion Ratio Lower Upper
41 100
39 71.7 57.2 85.8
76 50.5 39.7 59.5

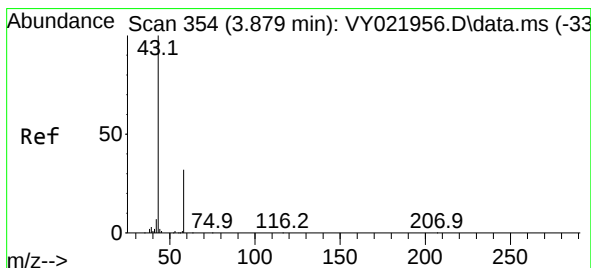
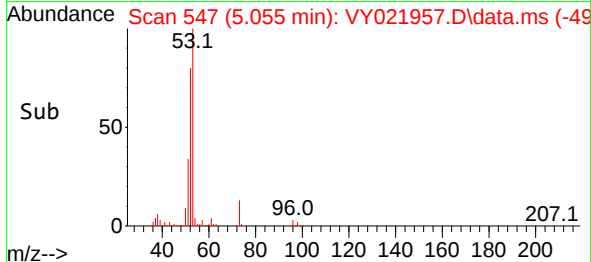
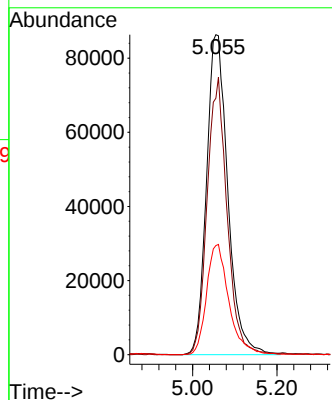
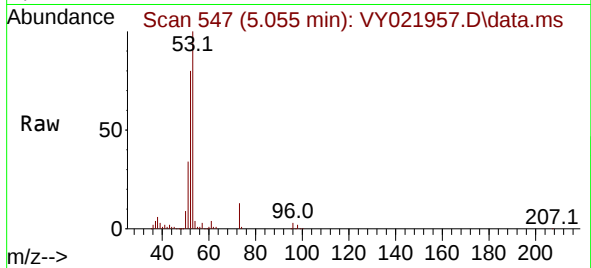




#15
Acrylonitrile
Concen: 470.017 ug/l
RT: 5.055 min Scan# 54
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

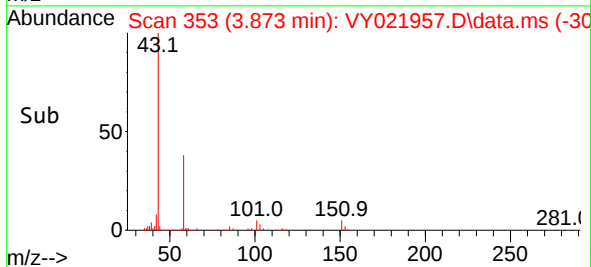
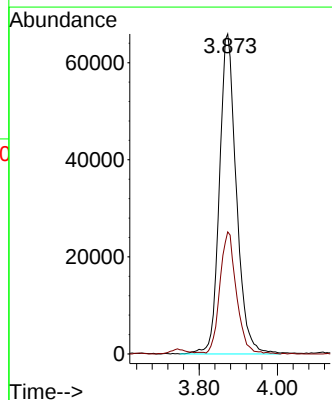
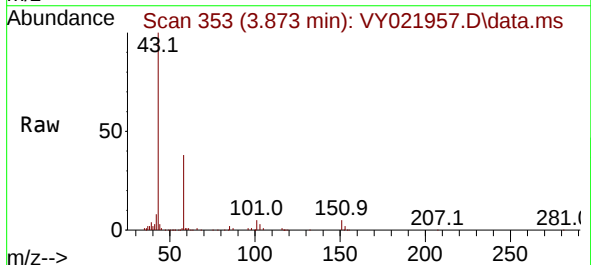
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

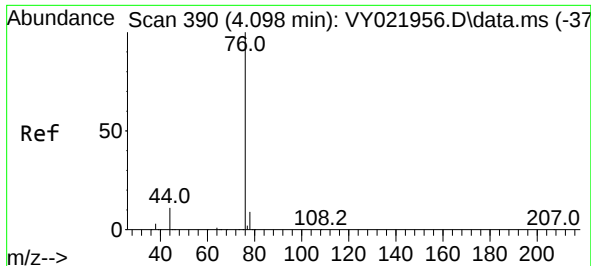
Tgt Ion: 53 Resp: 303243
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.6
51 36.1 28.9 43.3



#16
Acetone
Concen: 497.873 ug/l
RT: 3.873 min Scan# 353
Delta R.T. -0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 43 Resp: 198486
Ion Ratio Lower Upper
43 100
58 38.2 27.0 40.4

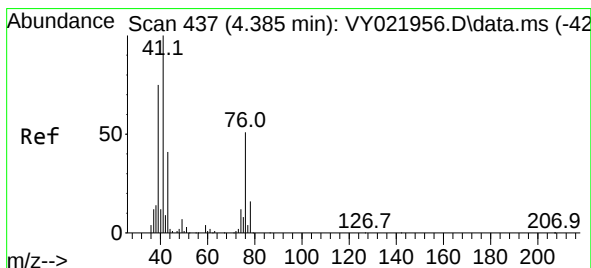
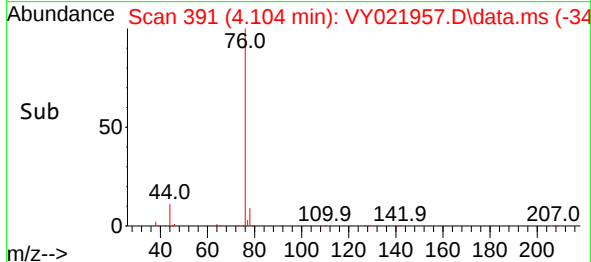
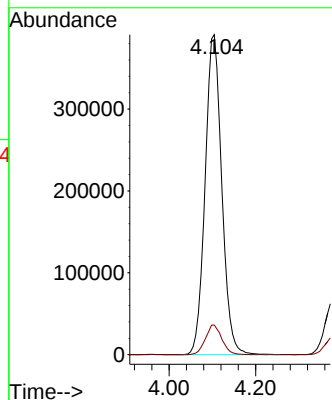
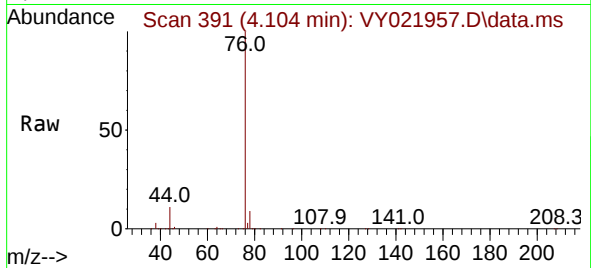




#17
Carbon Disulfide
Concen: 95.665 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

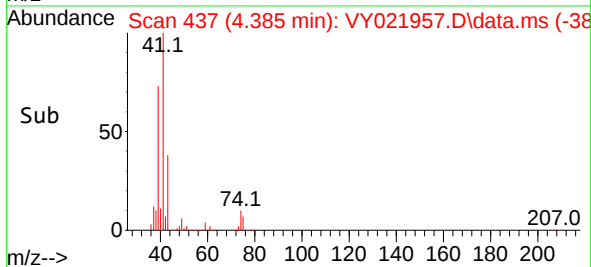
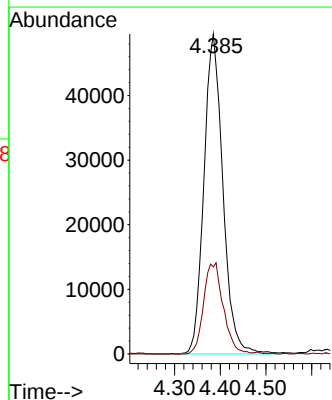
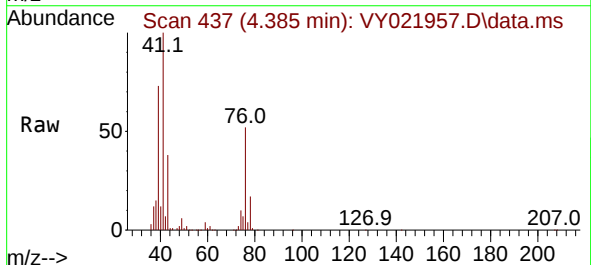
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

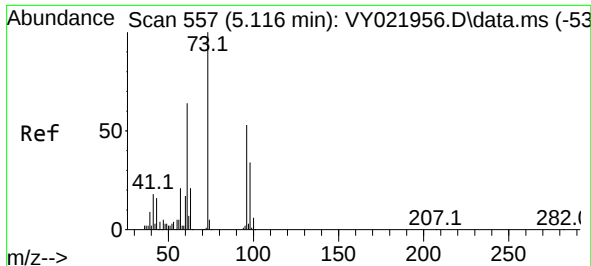
Tgt Ion: 76 Resp: 1044296
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 96.193 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 43 Resp: 142939
Ion Ratio Lower Upper
43 100
74 29.5 24.2 36.4

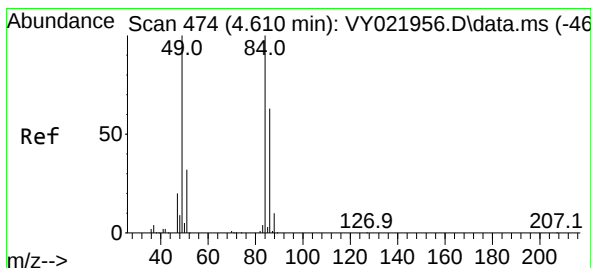
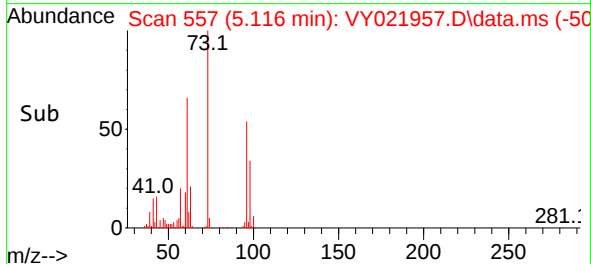
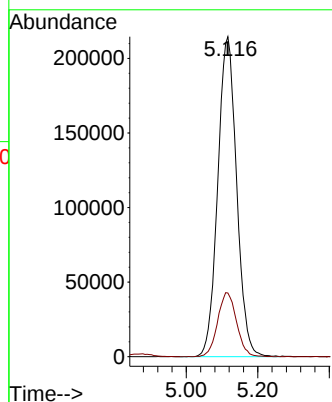
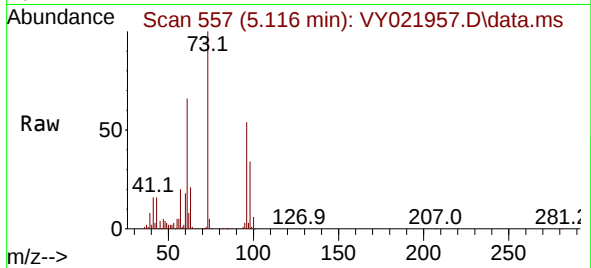




#19
Methyl tert-butyl Ether
Concen: 102.542 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

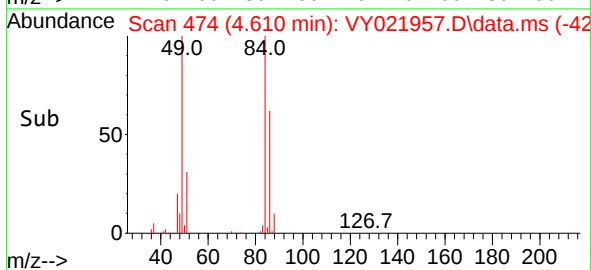
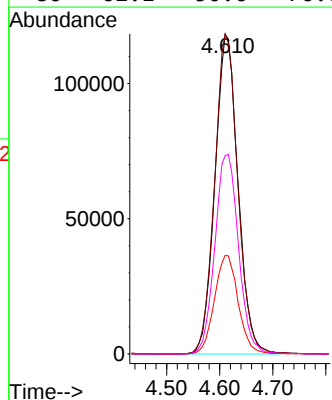
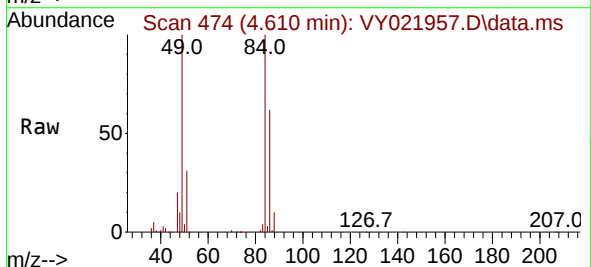
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

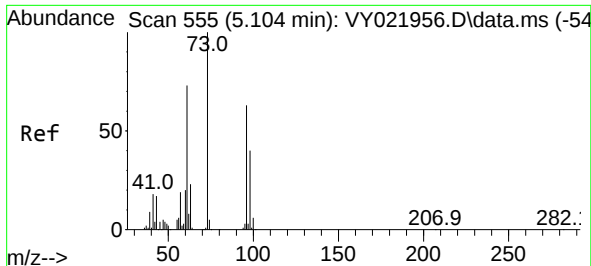
Tgt Ion: 73 Resp: 785760
Ion Ratio Lower Upper
73 100
57 19.9 16.9 25.3



#20
Methylene Chloride
Concen: 88.623 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 84 Resp: 356477
Ion Ratio Lower Upper
84 100
49 100.1 79.9 119.9
51 30.8 25.4 38.0
86 62.1 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 98.137 ug/l

RT: 5.110 min Scan# 511

Delta R.T. 0.006 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

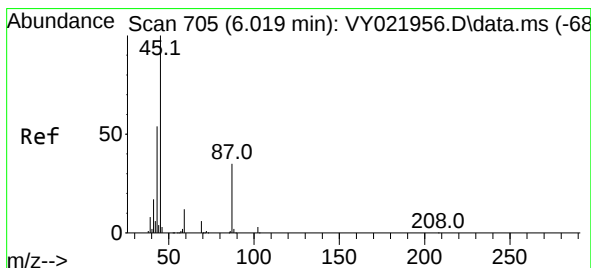
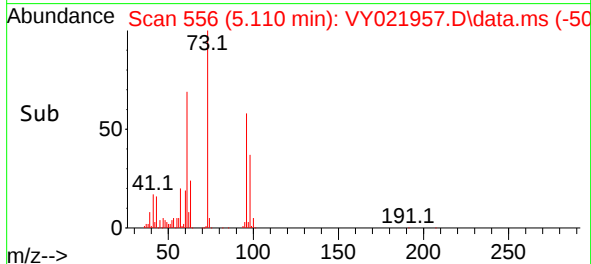
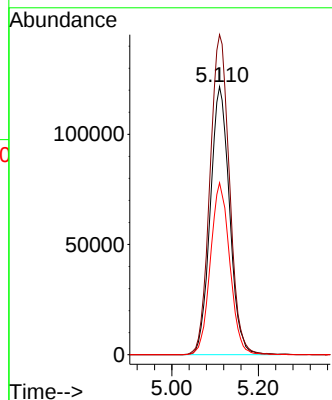
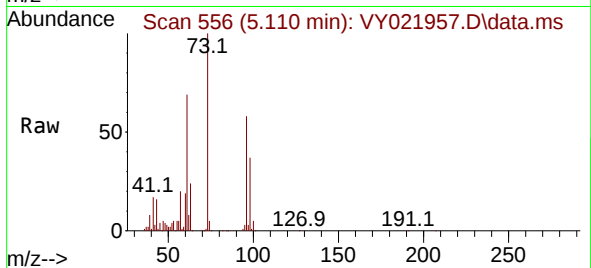
Tgt Ion: 96 Resp: 376278

Ion Ratio Lower Upper

96 100

61 119.4 92.6 138.8

98 64.1 50.2 75.4



#22

Diisopropyl ether

Concen: 100.965 ug/l

RT: 6.019 min Scan# 705

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Tgt Ion: 45 Resp: 895700

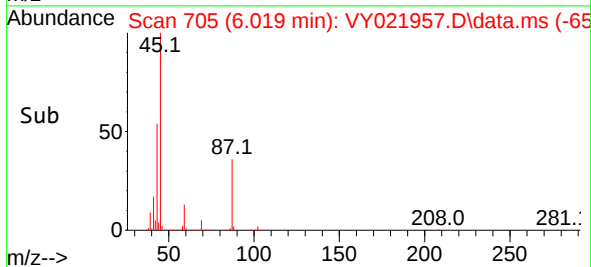
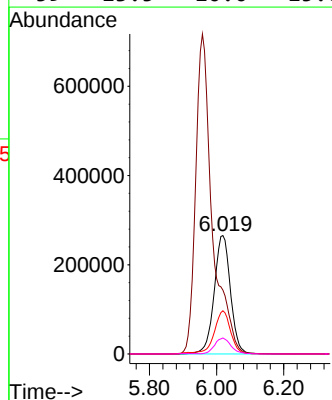
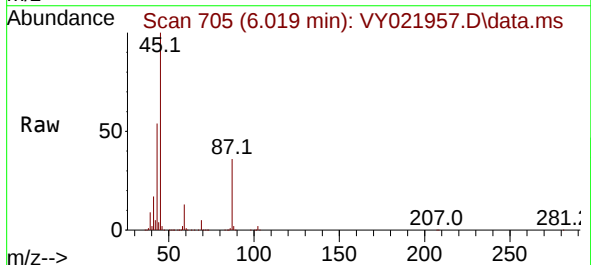
Ion Ratio Lower Upper

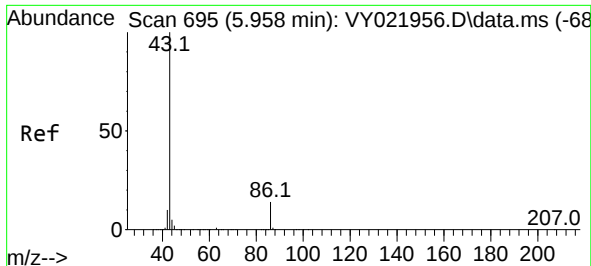
45 100

43 53.8 43.6 65.4

87 36.5 28.2 42.4

59 13.5 10.0 15.0

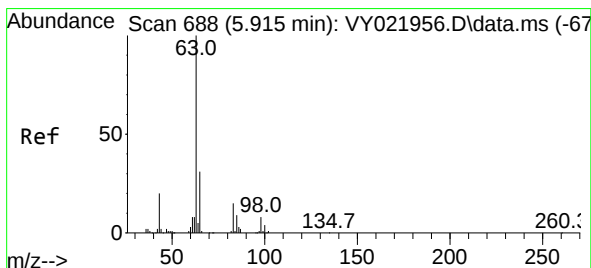
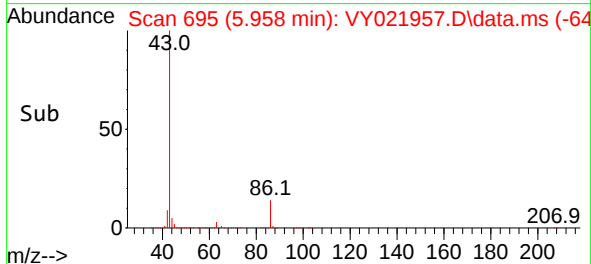
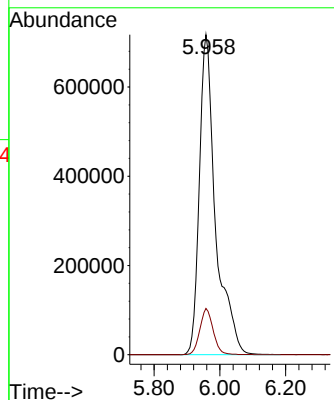
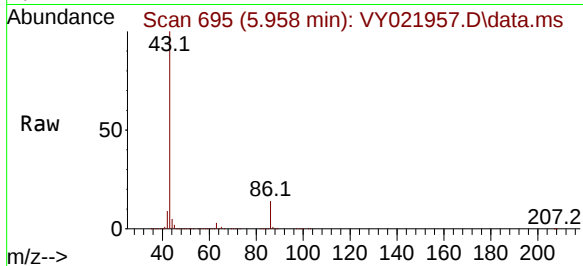




#23
 Vinyl Acetate
 Concen: 513.679 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY021957.D
 Acq: 22 Apr 2025 15:52

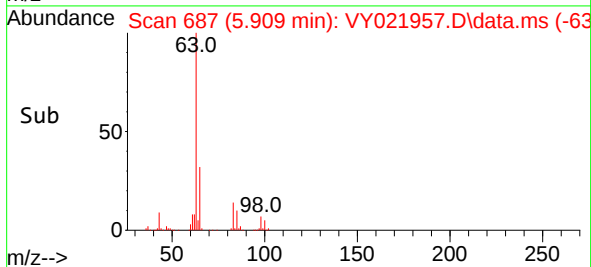
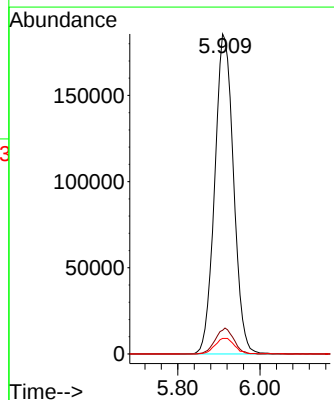
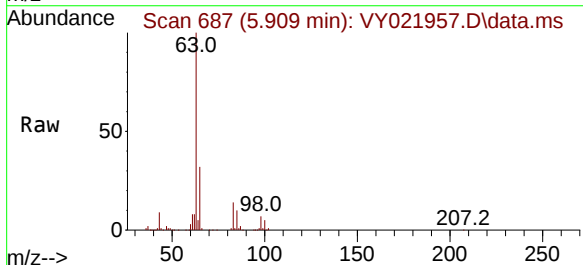
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

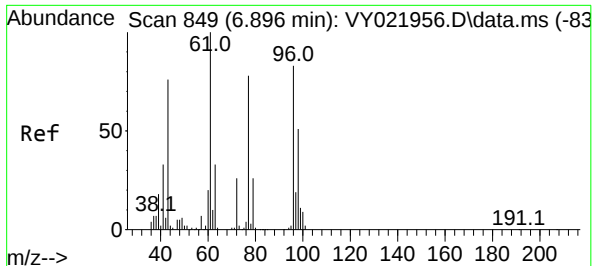
Tgt Ion: 43 Resp: 2455946
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.1 16.7



#24
 1,1-Dichloroethane
 Concen: 95.806 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY021957.D
 Acq: 22 Apr 2025 15:52

Tgt Ion: 63 Resp: 589137
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 11.9
 100 4.8 2.0 6.0





#25

2-Butanone

Concen: 471.826 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

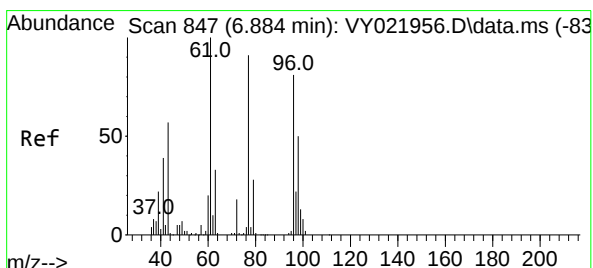
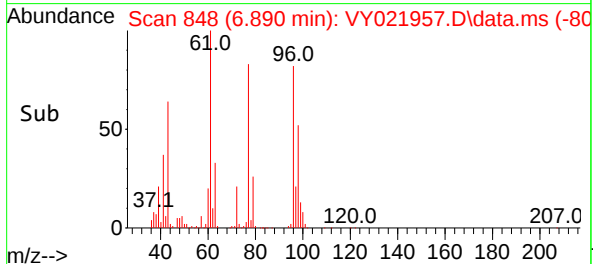
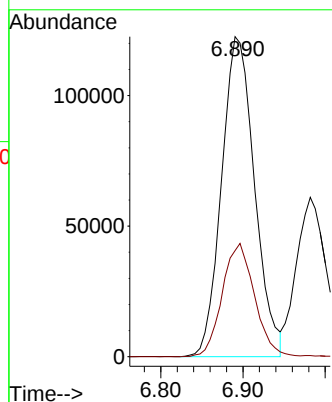
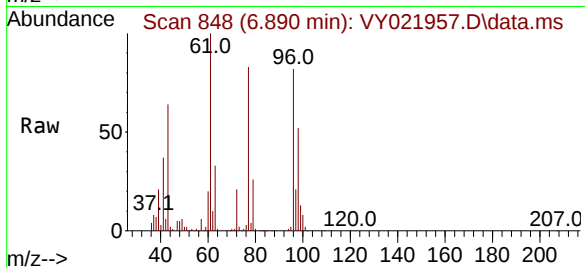
VSTDIC100

Tgt Ion: 43 Resp: 342128

Ion Ratio Lower Upper

43 100

72 33.2 27.0 40.4



#26

2,2-Dichloropropane

Concen: 98.439 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY021957.D

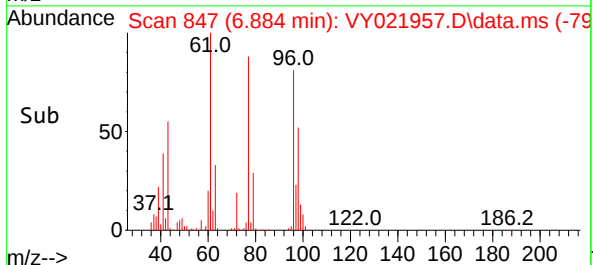
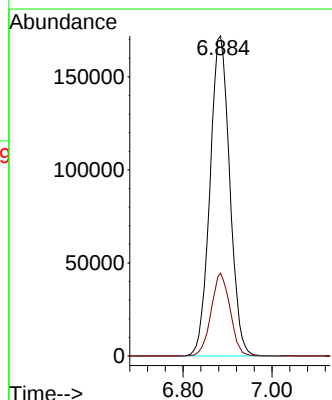
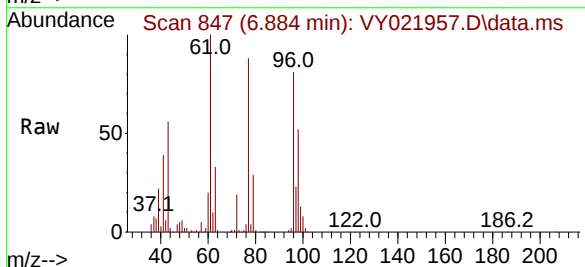
Acq: 22 Apr 2025 15:52

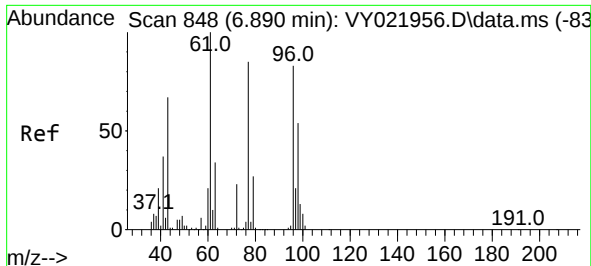
Tgt Ion: 77 Resp: 530549

Ion Ratio Lower Upper

77 100

97 24.8 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 101.743 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

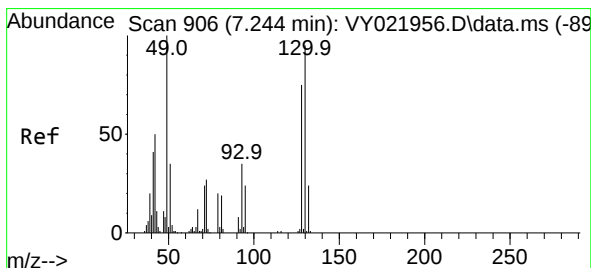
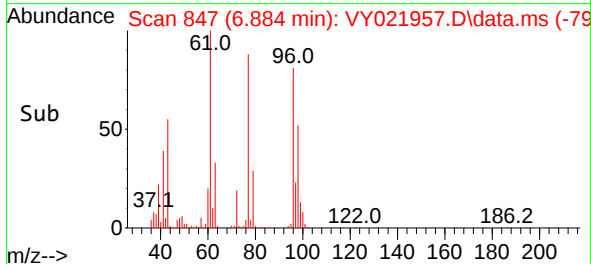
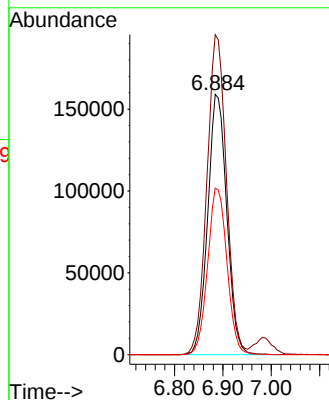
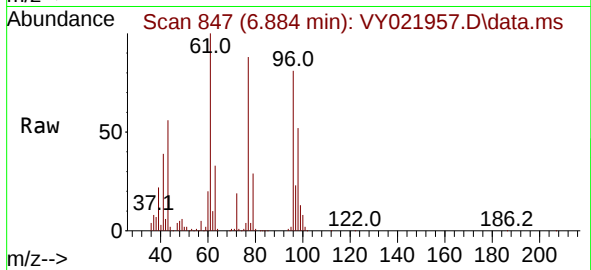
Tgt Ion: 96 Resp: 436196

Ion Ratio Lower Upper

96 100

61 125.5 0.0 251.4

98 64.8 0.0 128.4



#28

Bromochloromethane

Concen: 92.652 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

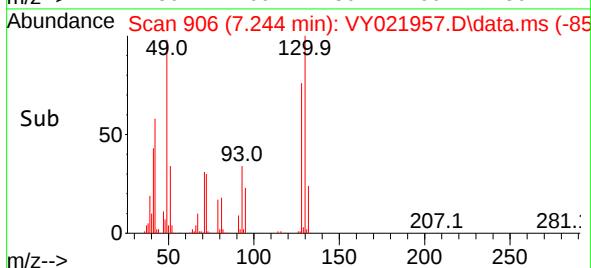
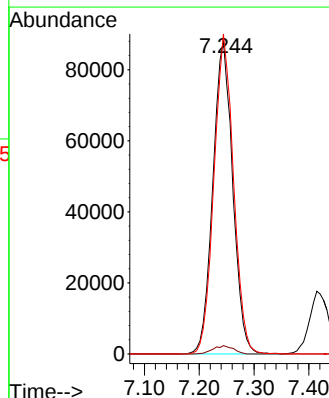
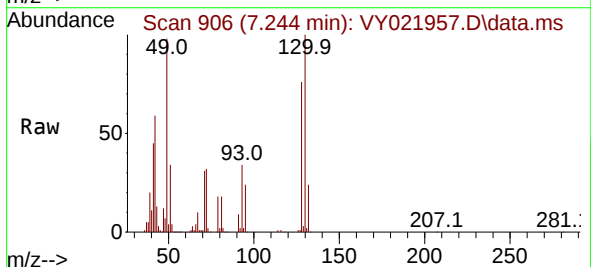
Tgt Ion: 49 Resp: 221300

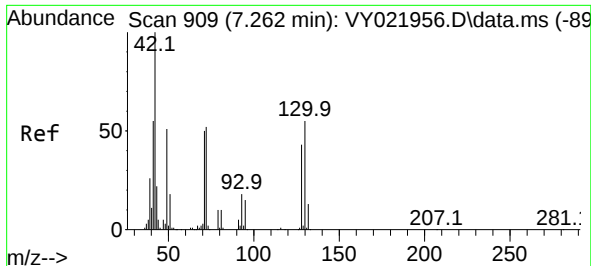
Ion Ratio Lower Upper

49 100

129 2.7 0.0 5.0

130 100.7 78.2 117.4





#29

Tetrahydrofuran

Concen: 485.059 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

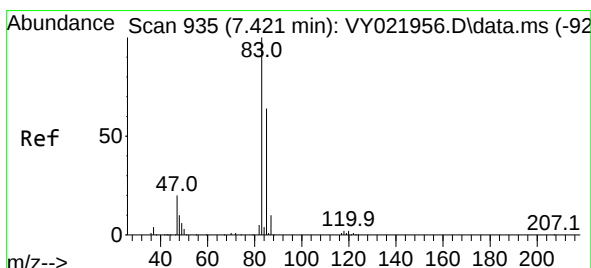
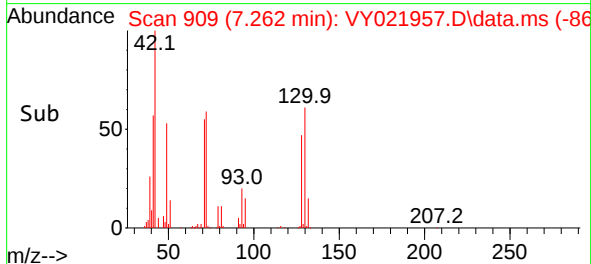
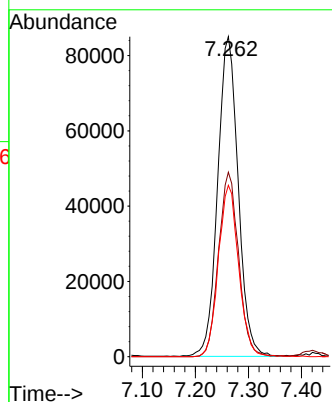
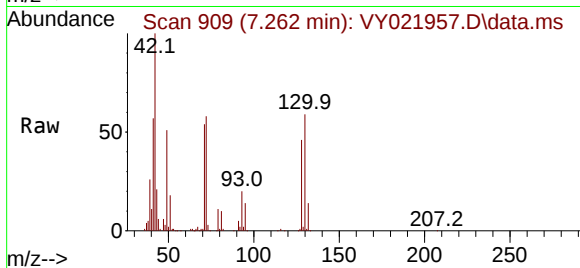
Tgt Ion: 42 Resp: 228438

Ion Ratio Lower Upper

42 100

72 56.3 42.6 63.8

71 52.8 40.6 61.0



#30

Chloroform

Concen: 96.733 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY021957.D

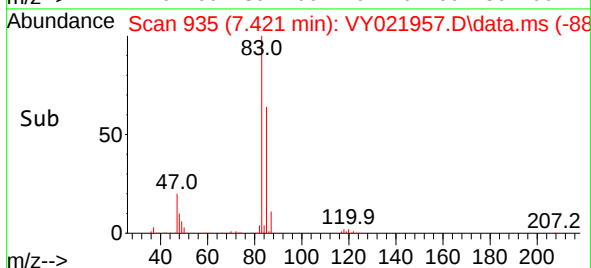
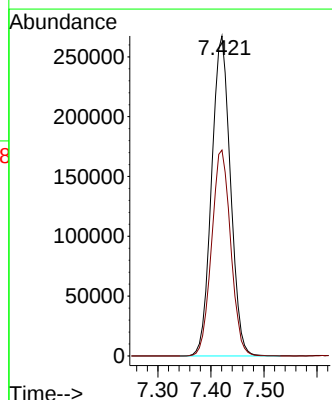
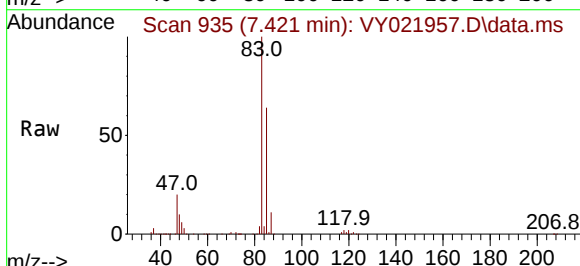
Acq: 22 Apr 2025 15:52

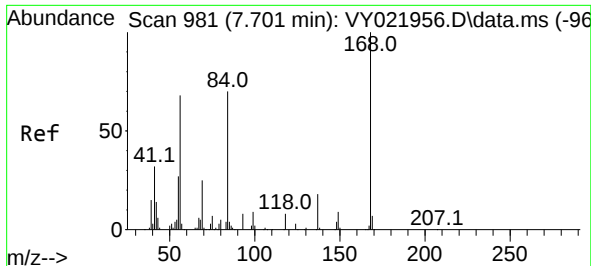
Tgt Ion: 83 Resp: 659805

Ion Ratio Lower Upper

83 100

85 64.3 51.3 76.9

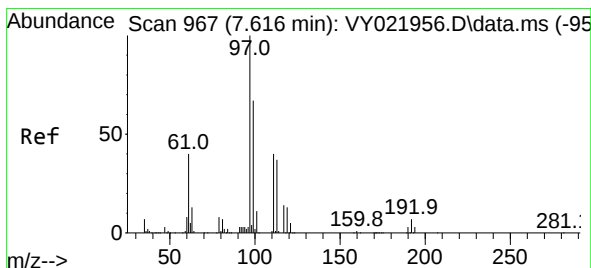
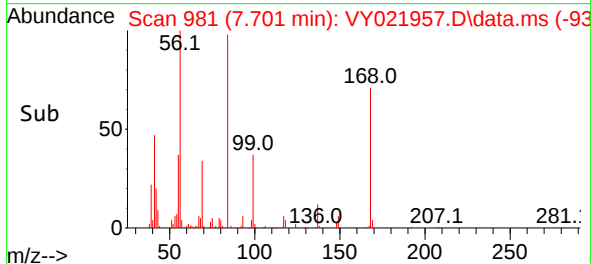
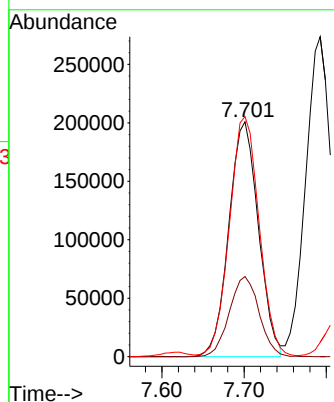
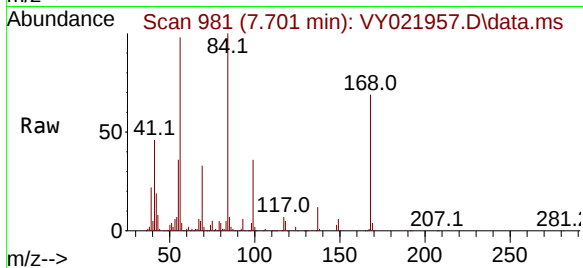




#31
Cyclohexane
Concen: 95.618 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

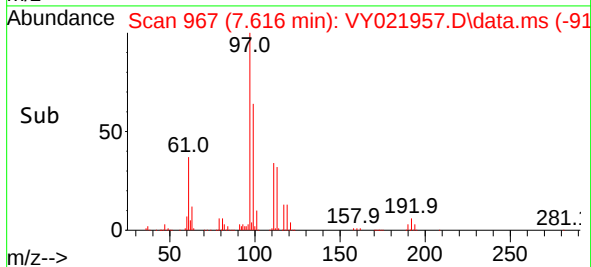
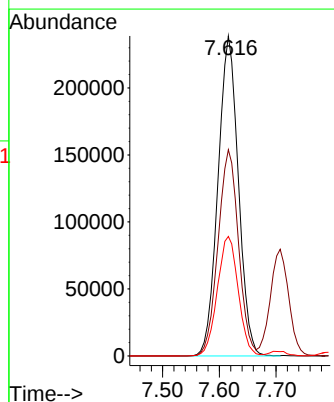
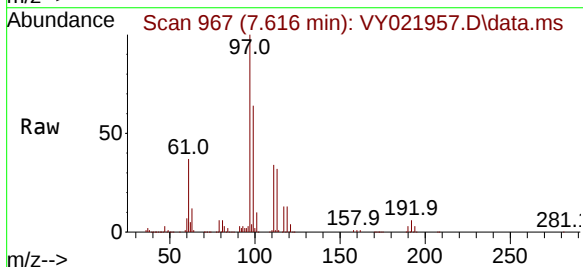
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

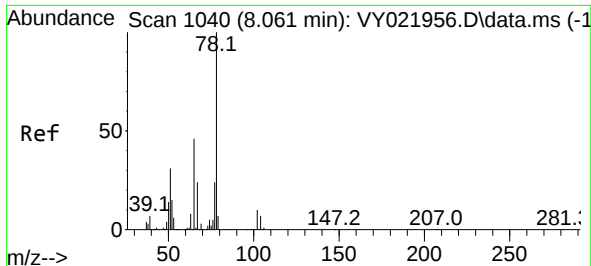
Tgt Ion: 56 Resp: 502812
Ion Ratio Lower Upper
56 100
69 34.1 29.4 44.2
84 100.3 82.2 123.4



#32
1,1,1-Trichloroethane
Concen: 96.568 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 97 Resp: 595919
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.2
61 38.4 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 90.454 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

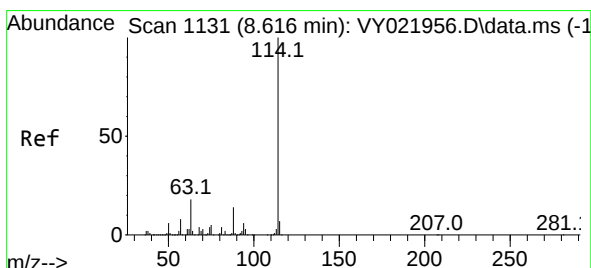
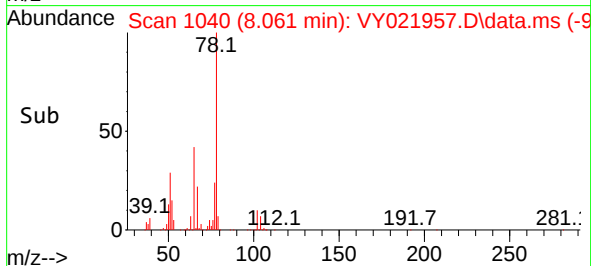
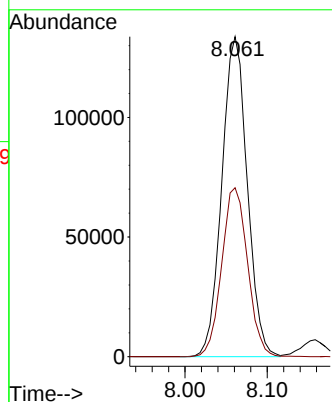
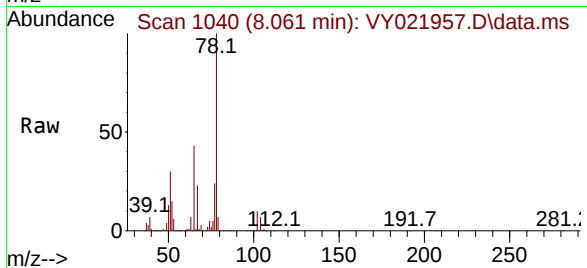
VSTDIC100

Tgt Ion: 65 Resp: 287743

Ion Ratio Lower Upper

65 100

67 53.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

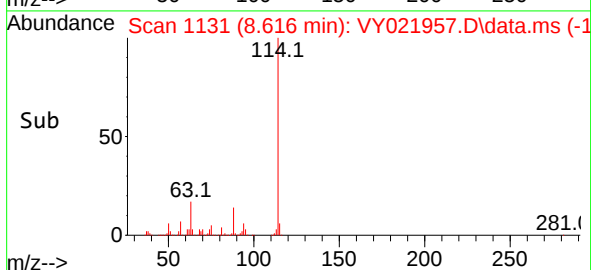
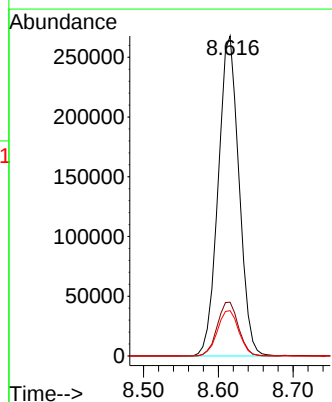
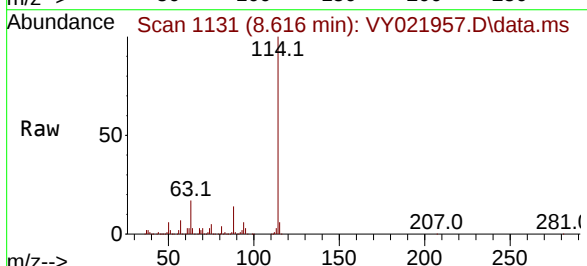
Tgt Ion: 114 Resp: 517970

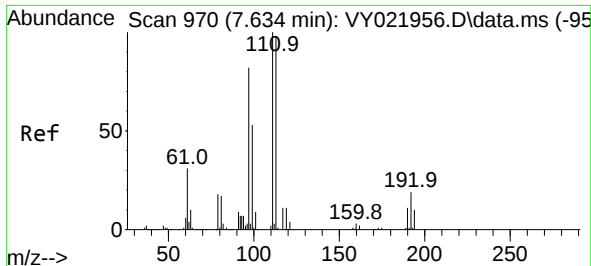
Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.4

88 14.2 0.0 28.2

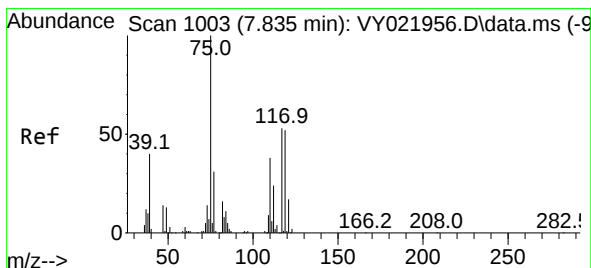
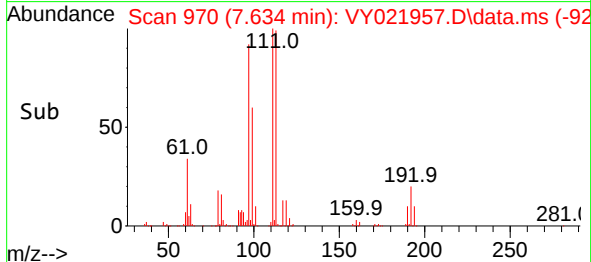
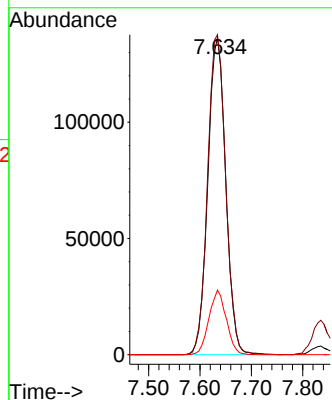
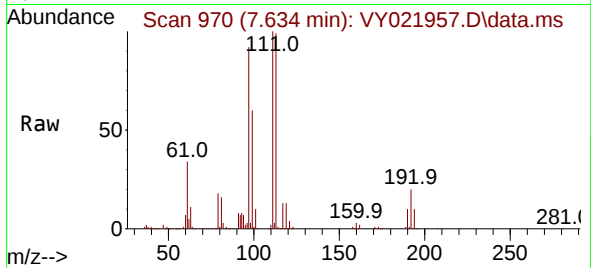




#35
Dibromofluoromethane
Concen: 96.430 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

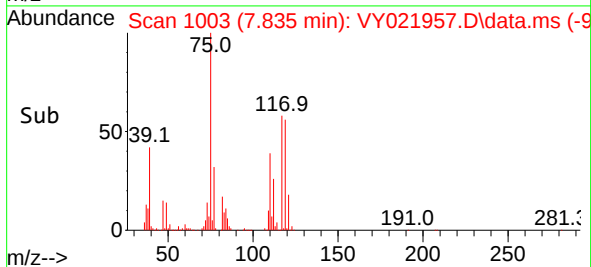
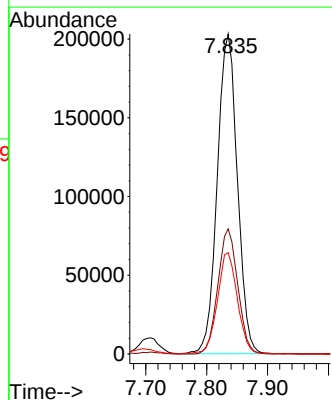
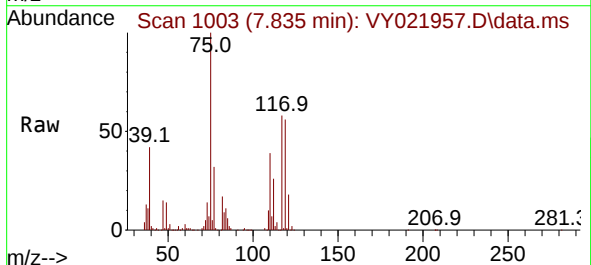
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

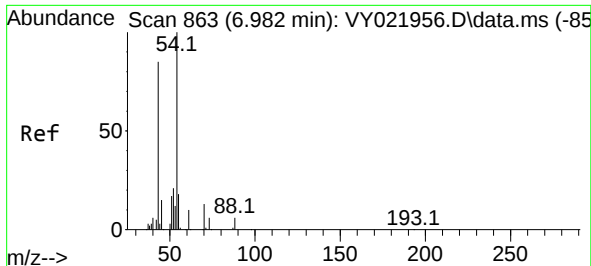
Tgt Ion:113 Resp: 329983
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 19.7 15.6 23.4



#36
1,1-Dichloropropene
Concen: 101.471 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 75 Resp: 466424
Ion Ratio Lower Upper
75 100
110 38.6 19.1 57.3
77 31.5 25.5 38.3





#37

Ethyl Acetate

Concen: 97.530 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

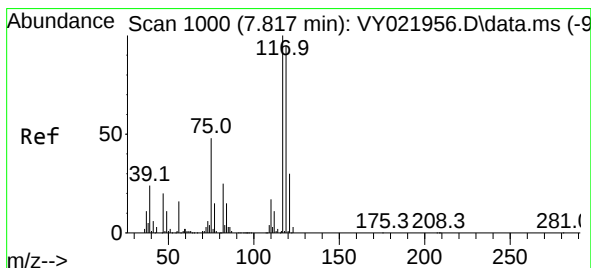
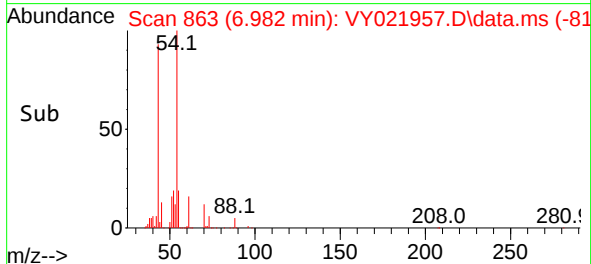
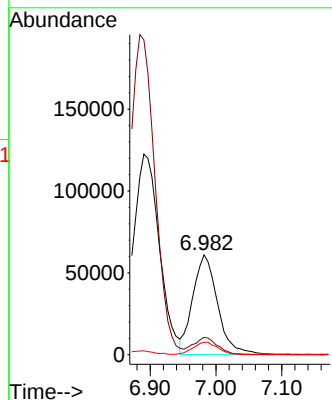
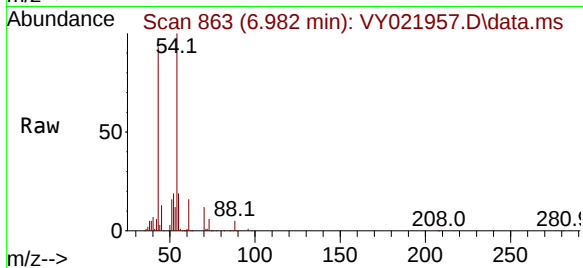
MSVOA_Y

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 158846

Ion	Ratio	Lower	Upper
43	100		
61	16.9	13.8	20.6
70	12.6	9.2	13.8



#38

Carbon Tetrachloride

Concen: 100.983 ug/l

RT: 7.817 min Scan# 1000

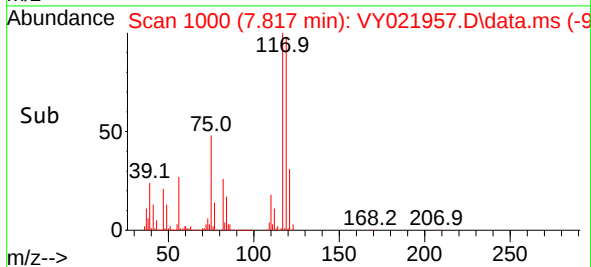
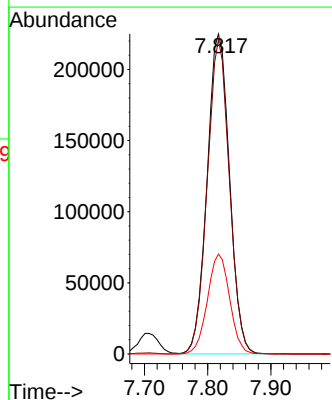
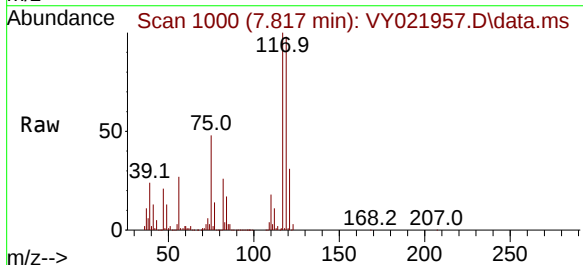
Delta R.T. -0.000 min

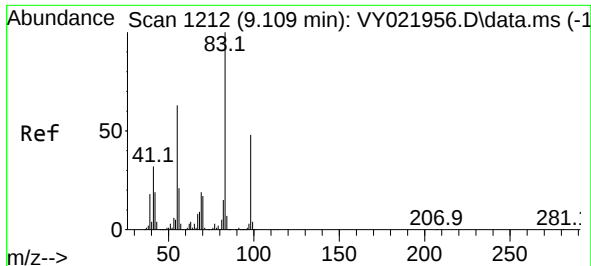
Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Tgt Ion: 117 Resp: 554665

Ion	Ratio	Lower	Upper
117	100		
119	98.2	76.2	114.4
121	31.2	24.0	36.0





#39

Methylcyclohexane

Concen: 107.388 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

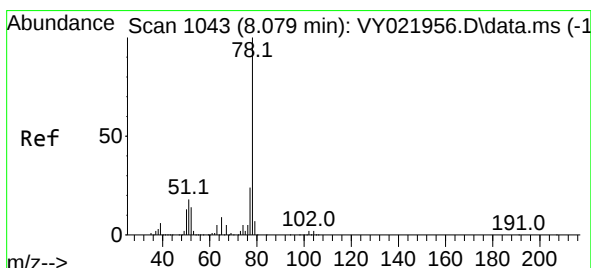
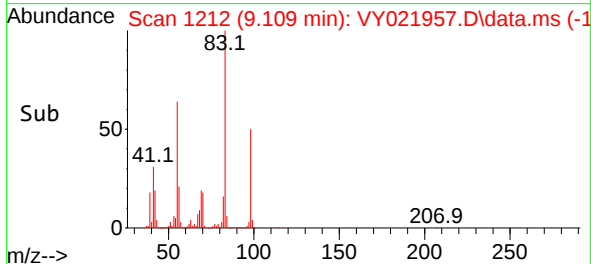
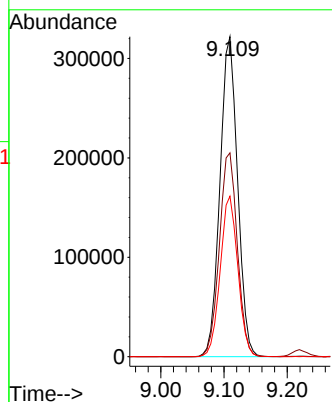
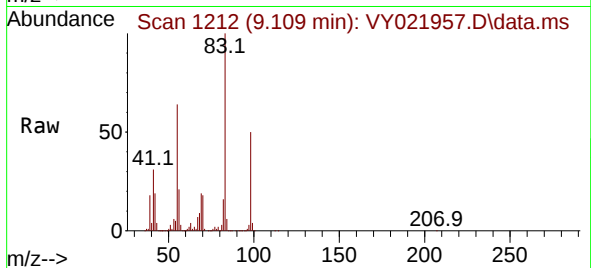
Tgt Ion: 83 Resp: 621199

Ion Ratio Lower Upper

83 100

55 63.7 50.6 75.8

98 50.2 38.6 58.0



#40

Benzene

Concen: 102.038 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY021957.D

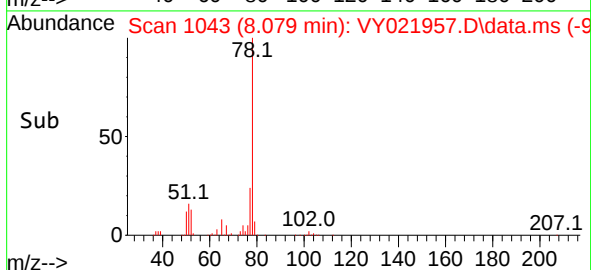
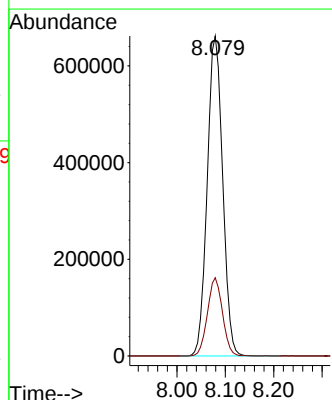
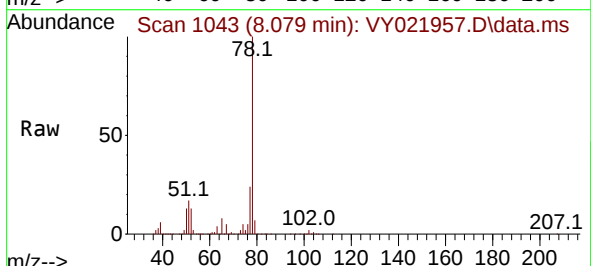
Acq: 22 Apr 2025 15:52

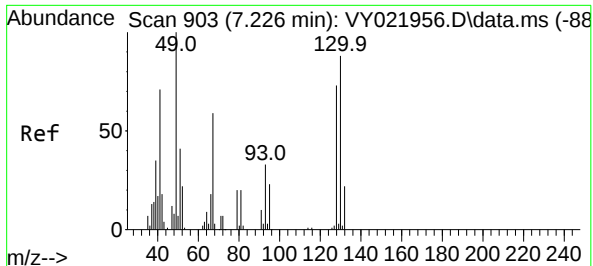
Tgt Ion: 78 Resp: 1466182

Ion Ratio Lower Upper

78 100

77 24.4 19.3 28.9

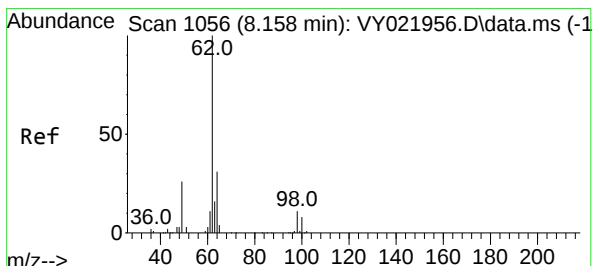
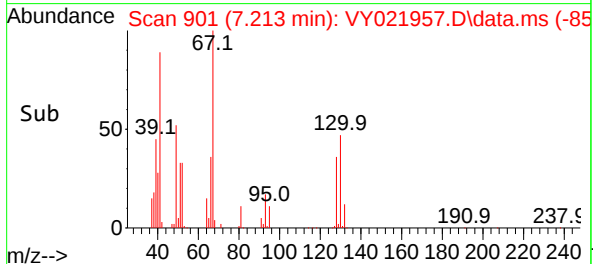
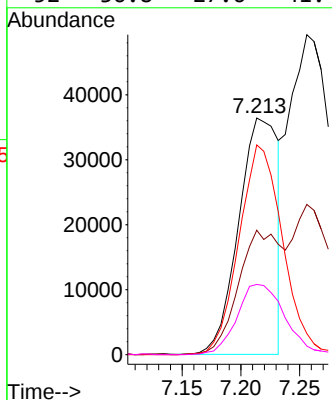
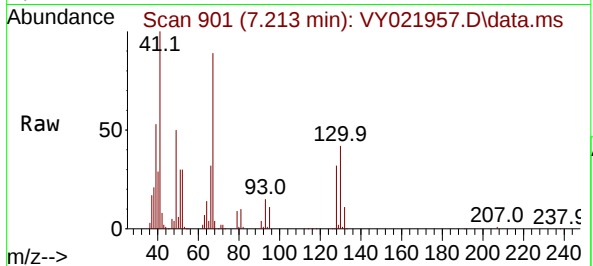




#41
Methacrylonitrile
Concen: 93.624 ug/l
RT: 7.213 min Scan# 903
Delta R.T. -0.012 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

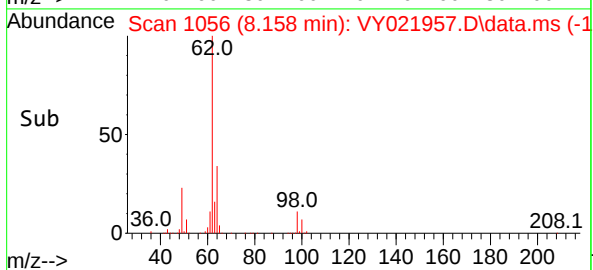
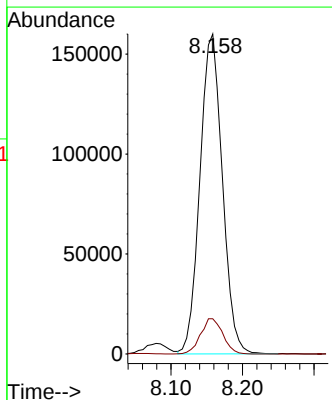
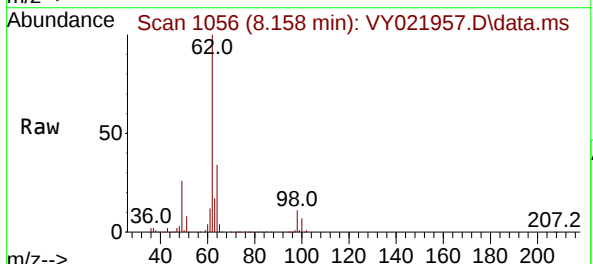
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

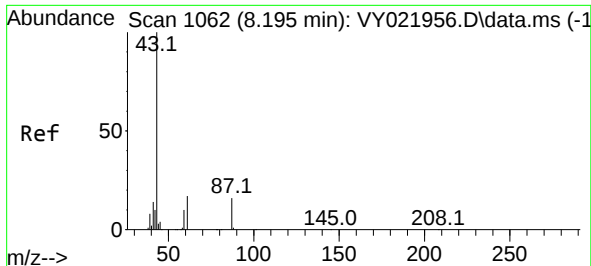
Tgt Ion: 41 Resp: 84524
Ion Ratio Lower Upper
41 100
39 59.6 36.6 55.0#
67 99.3 72.2 108.4
52 36.8 27.6 41.4



#42
1,2-Dichloroethane
Concen: 97.908 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 62 Resp: 348314
Ion Ratio Lower Upper
62 100
98 10.9 0.0 22.0

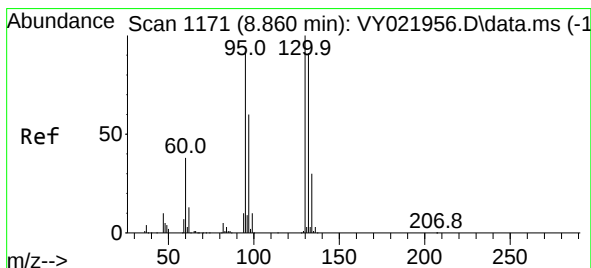
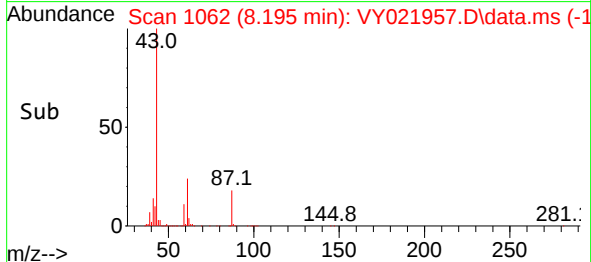
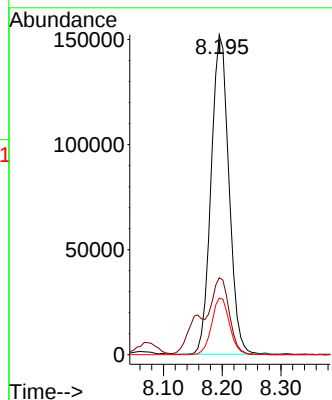
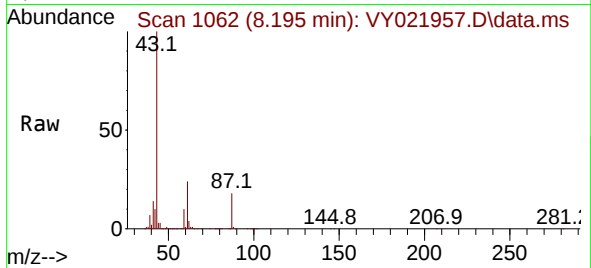




#43
Isopropyl Acetate
Concen: 100.828 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

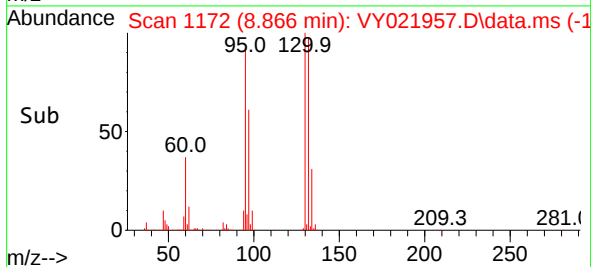
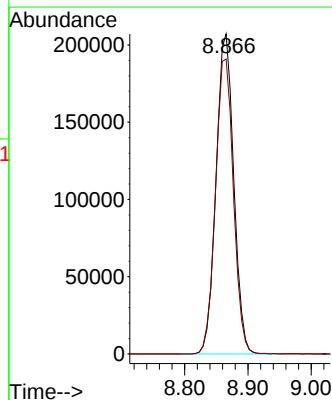
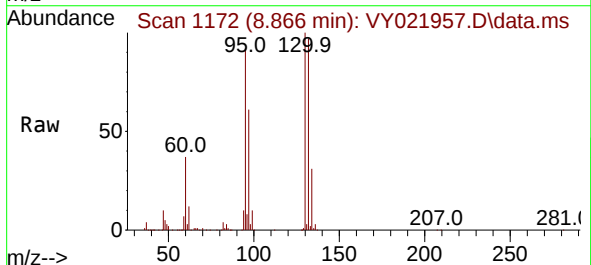
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

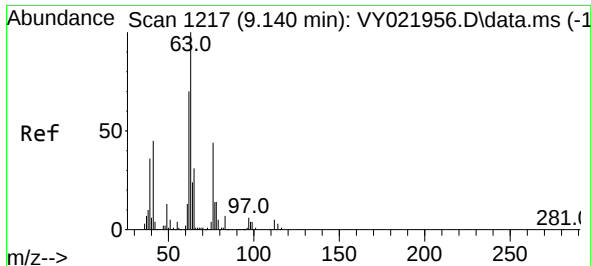
Tgt Ion: 43 Resp: 319666
Ion Ratio Lower Upper
43 100
61 24.6 18.9 28.3
87 17.8 13.7 20.5



#44
Trichloroethene
Concen: 100.789 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:130 Resp: 401139
Ion Ratio Lower Upper
130 100
95 92.2 0.0 183.2





#45

1,2-Dichloropropane

Concen: 100.279 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

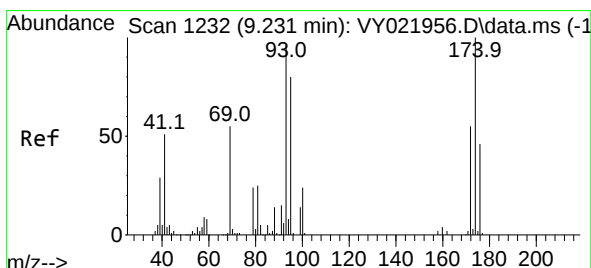
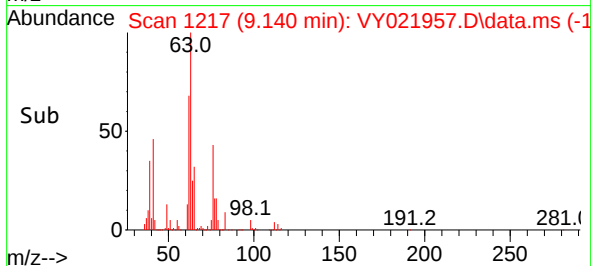
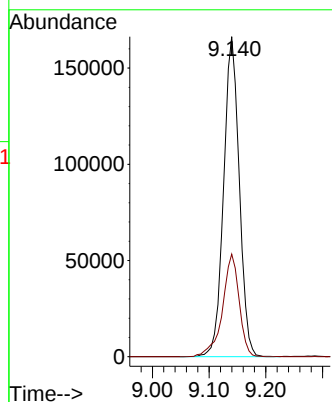
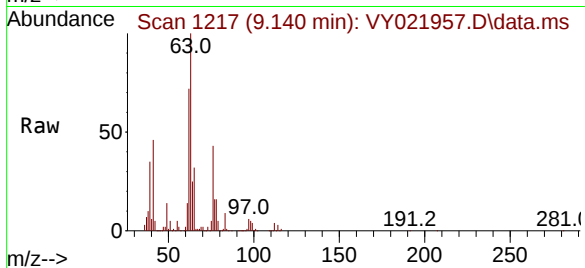
VSTDIC100

Tgt Ion: 63 Resp: 318648

Ion Ratio Lower Upper

63 100

65 32.0 25.2 37.8



#46

Dibromomethane

Concen: 99.293 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

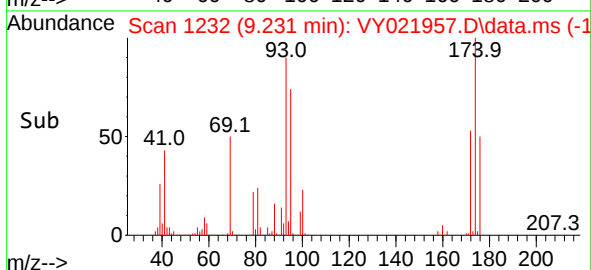
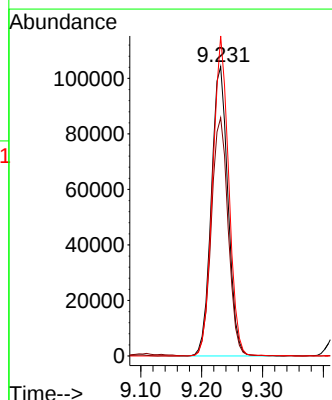
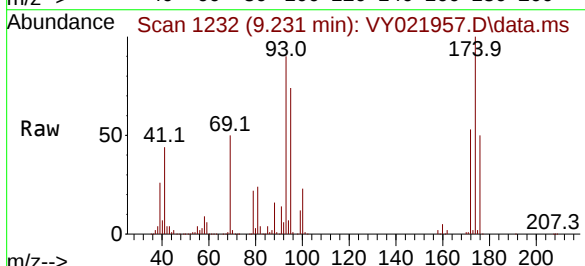
Tgt Ion: 93 Resp: 197509

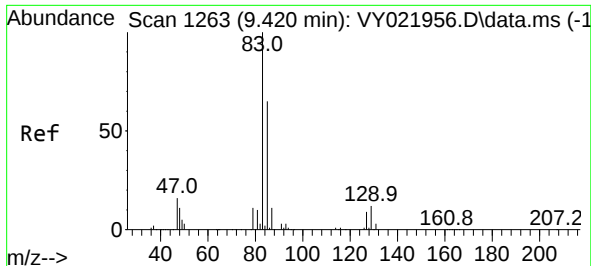
Ion Ratio Lower Upper

93 100

95 83.2 66.7 100.1

174 106.6 84.6 127.0

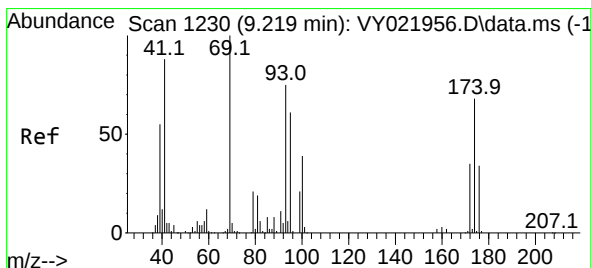
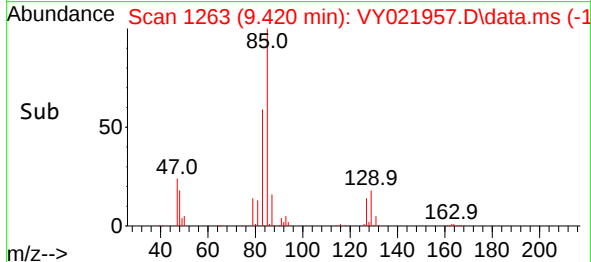
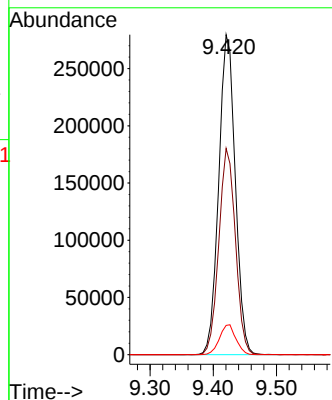
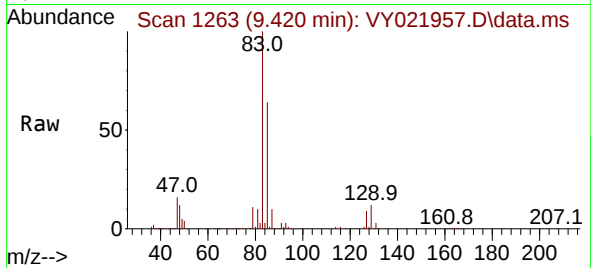




#47
Bromodichloromethane
Concen: 102.188 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

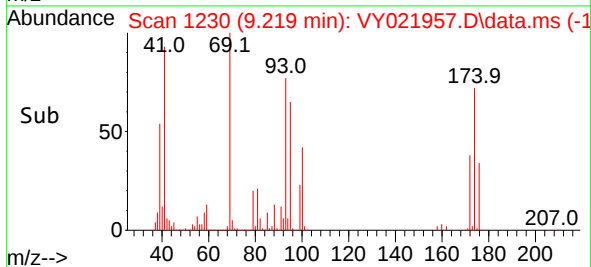
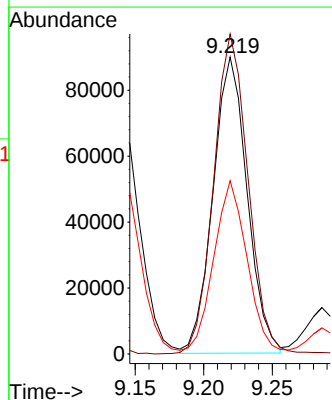
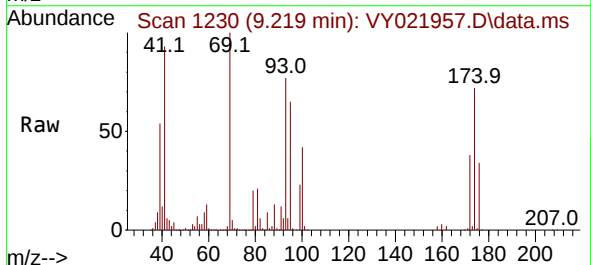
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

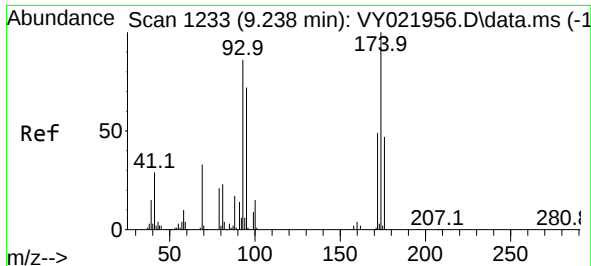
Tgt Ion: 83 Resp: 507797
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.8
127 9.2 7.0 10.6



#48
Methyl methacrylate
Concen: 106.117 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 41 Resp: 155528
Ion Ratio Lower Upper
41 100
69 109.2 85.5 128.3
39 55.1 46.2 69.4





#49

1,4-Dioxane

Concen: 2036.490 ug/l

RT: 9.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

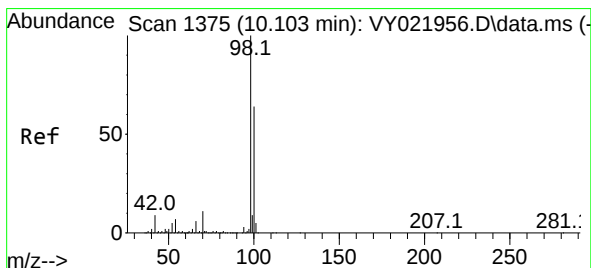
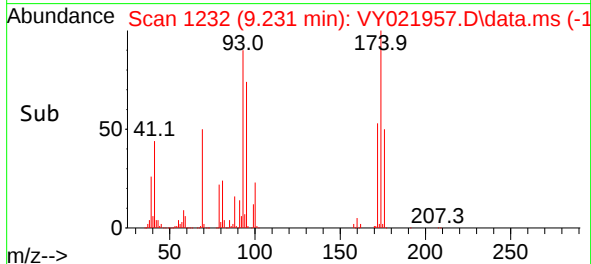
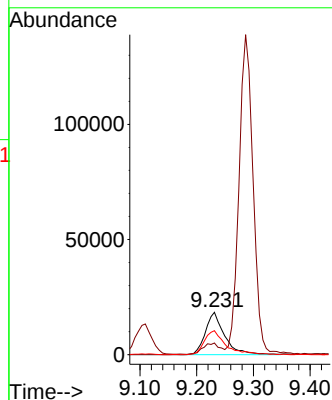
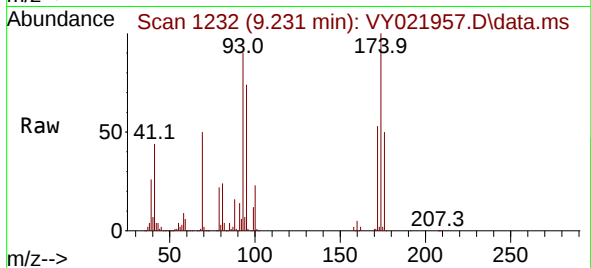
Tgt Ion: 88 Resp: 43176

Ion Ratio Lower Upper

88 100

43 24.3 21.3 31.9

58 62.9 50.5 75.7



#50

Toluene-d8

Concen: 99.860 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY021957.D

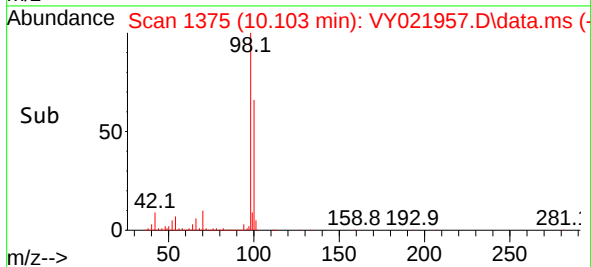
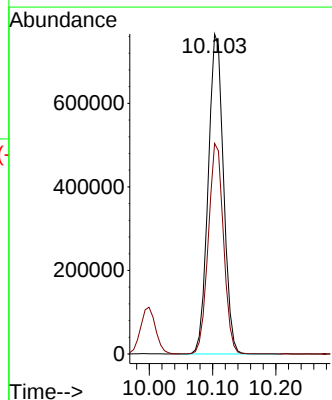
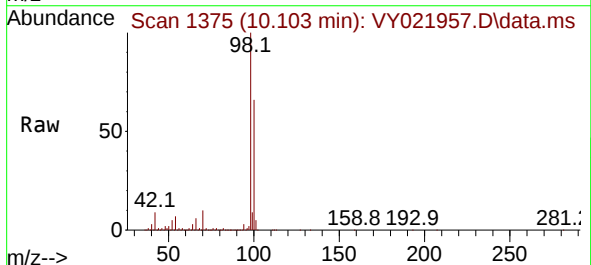
Acq: 22 Apr 2025 15:52

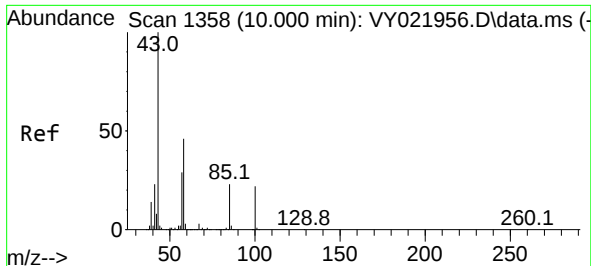
Tgt Ion: 98 Resp: 1288287

Ion Ratio Lower Upper

98 100

100 65.4 51.6 77.4

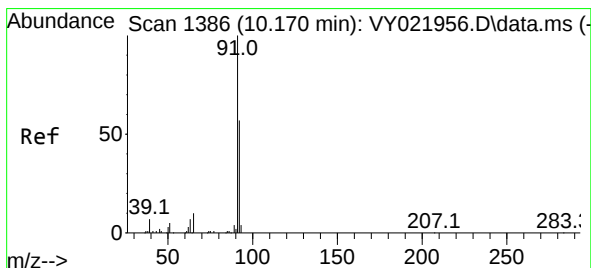
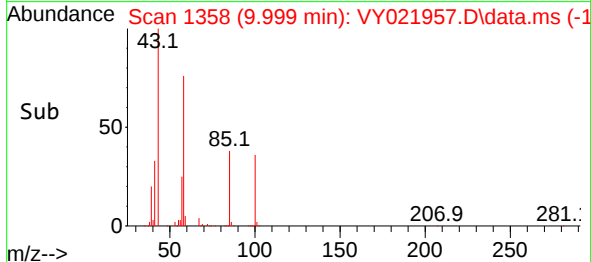
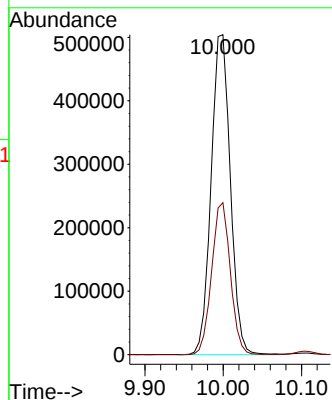
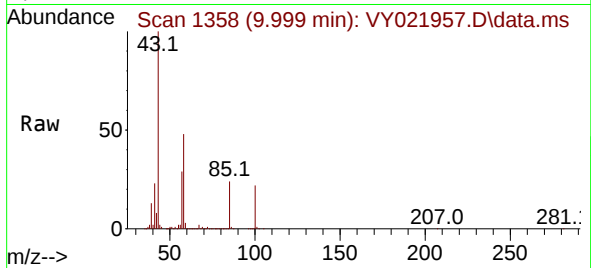




#51
4-Methyl-2-Pentanone
Concen: 517.403 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

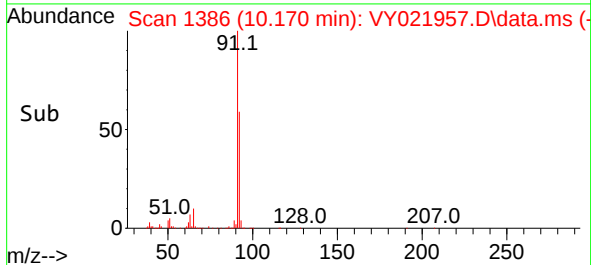
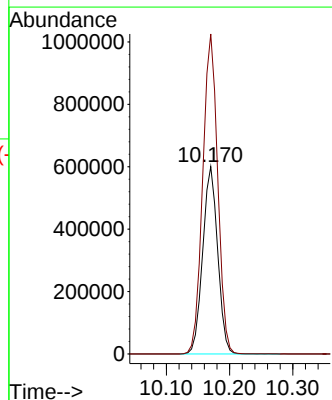
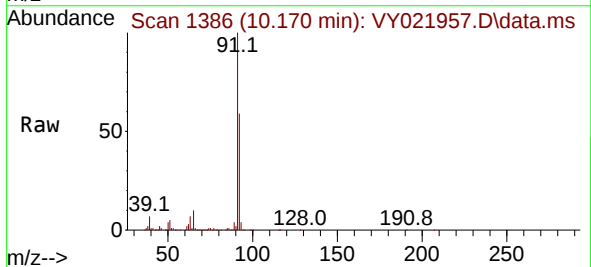
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

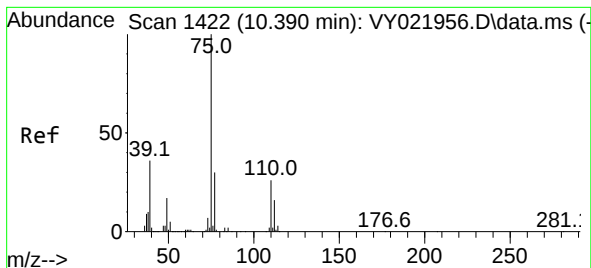
Tgt Ion: 43 Resp: 859904
Ion Ratio Lower Upper
43 100
58 46.3 36.6 55.0



#52
Toluene
Concen: 106.068 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 92 Resp: 986553
Ion Ratio Lower Upper
92 100
91 171.9 138.6 207.8

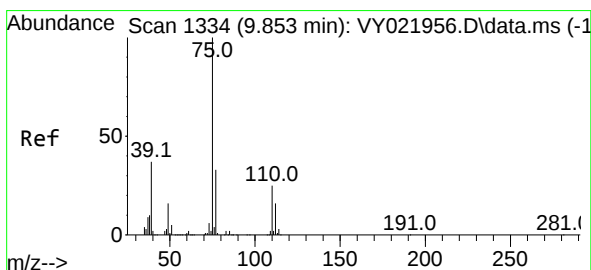
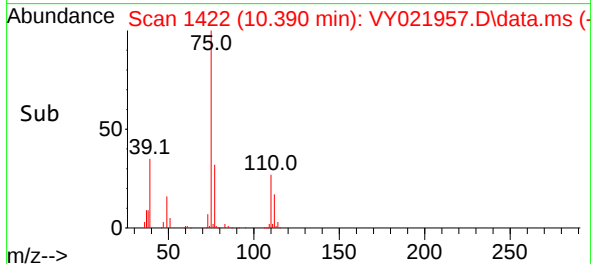
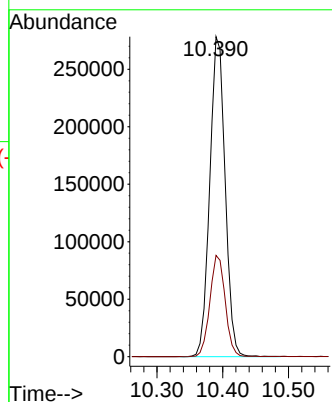
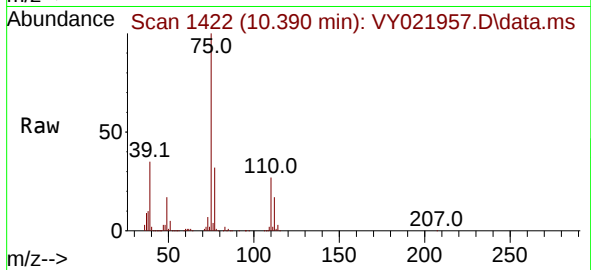




#53
 t-1,3-Dichloropropene
 Concen: 106.213 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY021957.D
 Acq: 22 Apr 2025 15:52

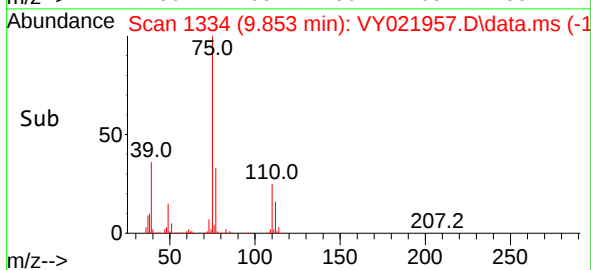
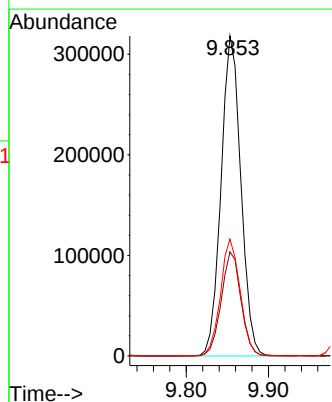
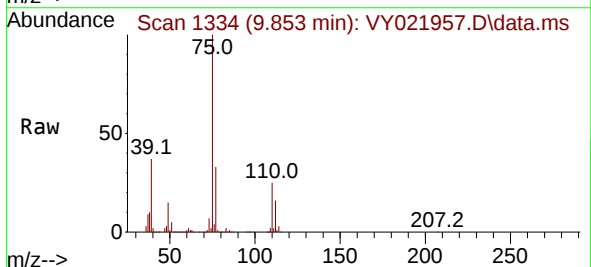
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

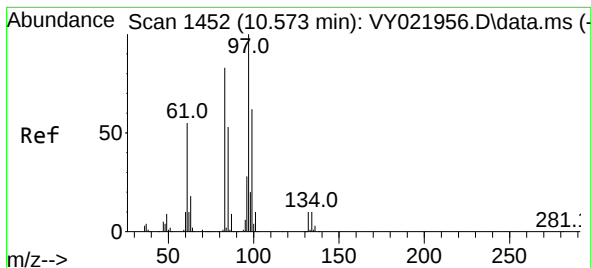
Tgt Ion: 75 Resp: 452714
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 105.017 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY021957.D
 Acq: 22 Apr 2025 15:52

Tgt Ion: 75 Resp: 532092
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.6 40.0
 39 36.5 29.6 44.4



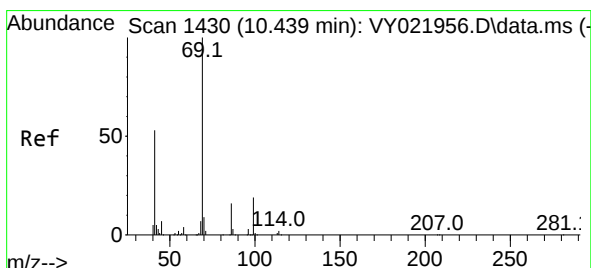
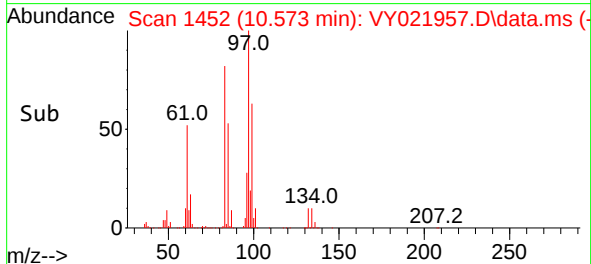
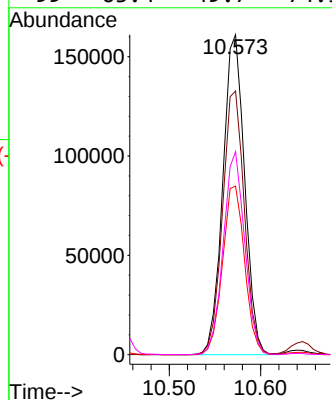
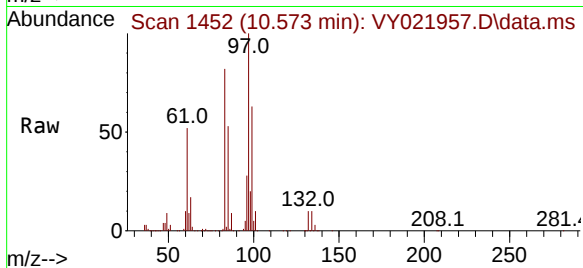


#55
1,1,2-Trichloroethane
Concen: 100.667 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 97 Resp: 267477

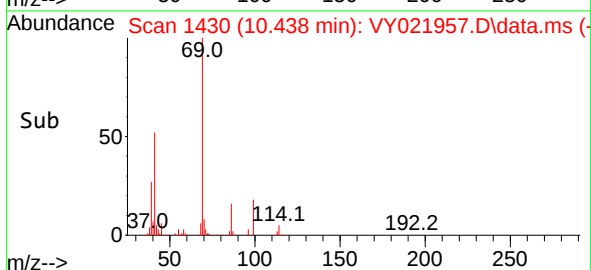
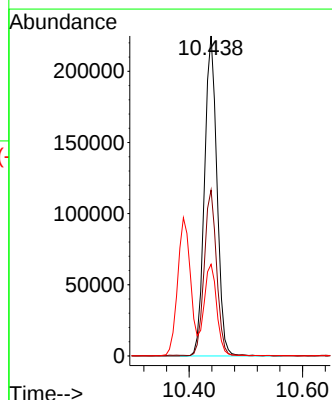
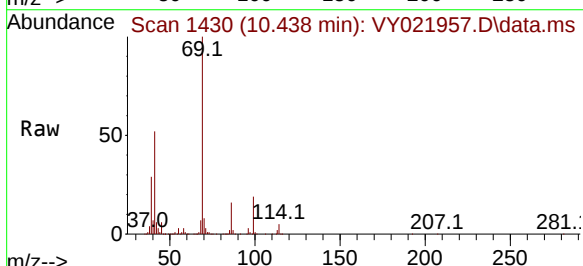
Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.7	100.1
85	52.7	42.6	64.0
99	63.4	49.7	74.5

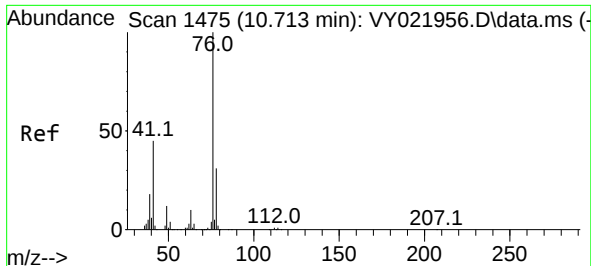


#56
Ethyl methacrylate
Concen: 113.068 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 69 Resp: 343556

Ion	Ratio	Lower	Upper
69	100		
41	51.2	40.7	61.1
39	28.9	23.3	34.9





#57

1,3-Dichloropropane

Concen: 101.498 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

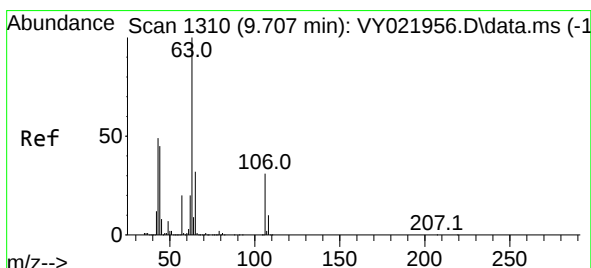
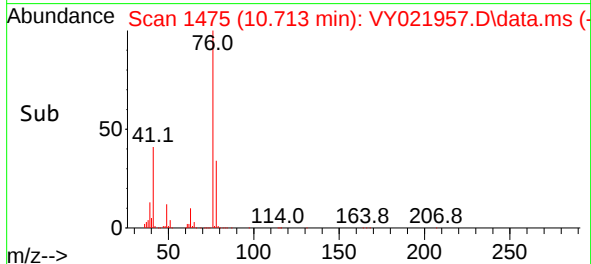
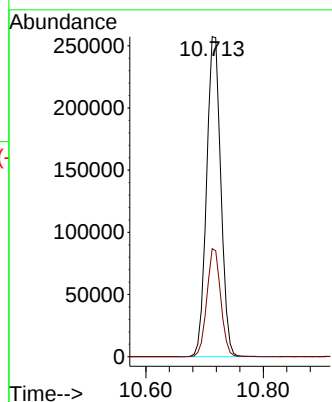
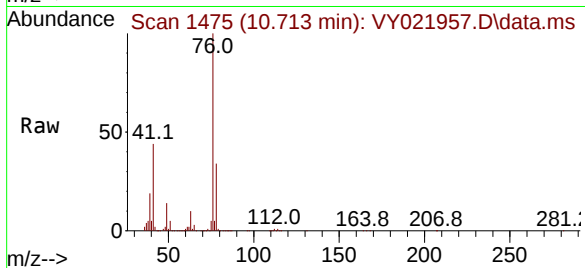
VSTDIC100

Tgt Ion: 76 Resp: 432340

Ion Ratio Lower Upper

76 100

78 33.0 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 536.469 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY021957.D

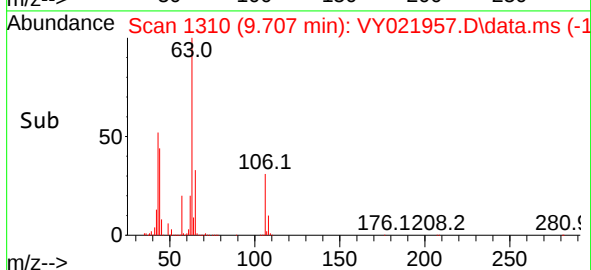
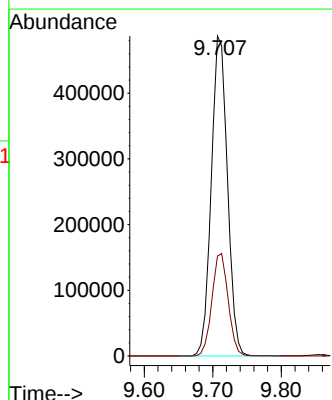
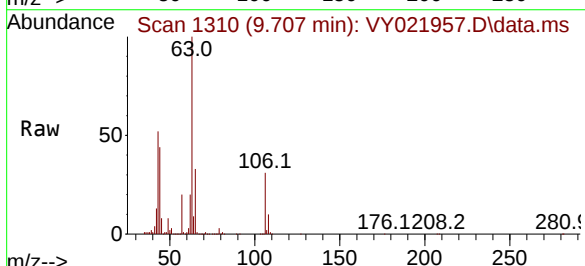
Acq: 22 Apr 2025 15:52

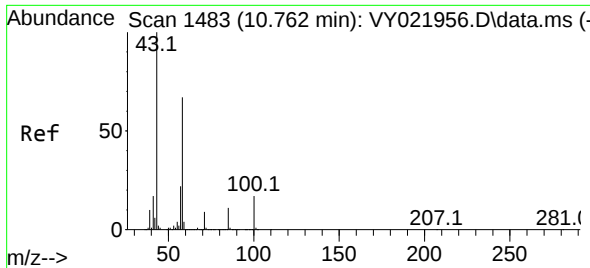
Tgt Ion: 63 Resp: 796991

Ion Ratio Lower Upper

63 100

106 32.1 25.3 37.9

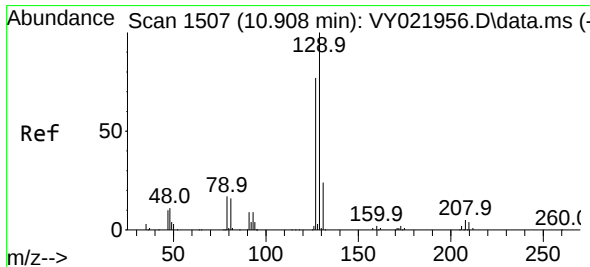
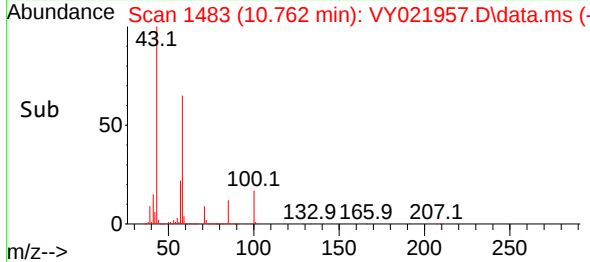
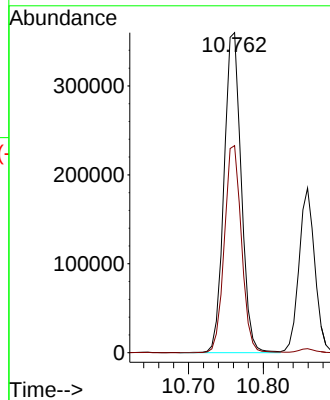
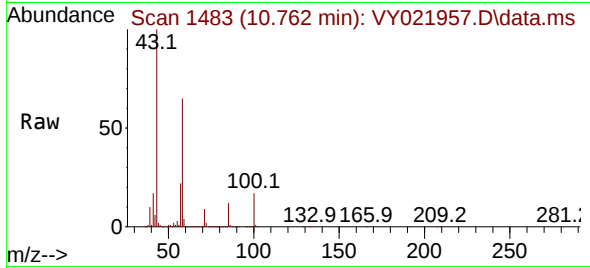




#59
2-Hexanone
Concen: 523.558 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

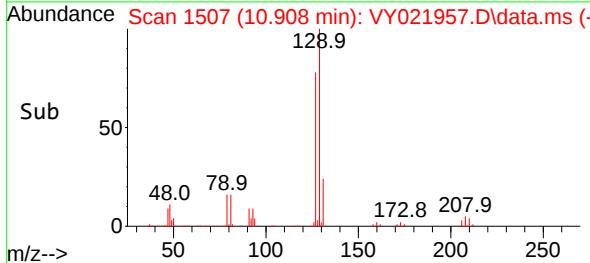
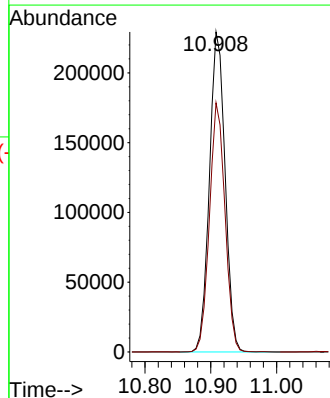
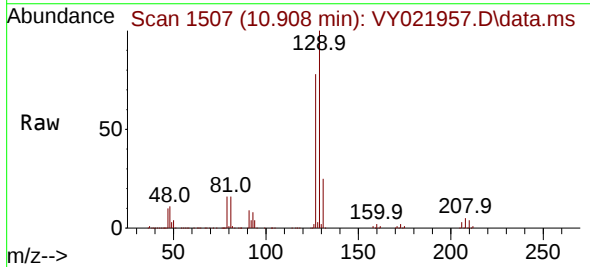
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

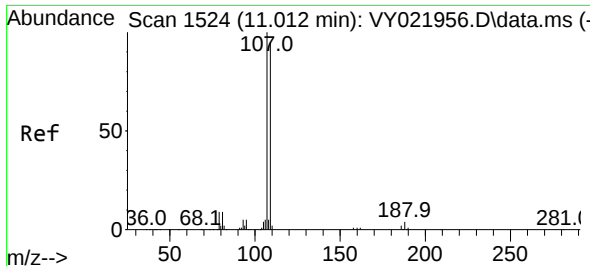
Tgt Ion: 43 Resp: 573925
Ion Ratio Lower Upper
43 100
58 64.5 32.0 96.0



#60
Dibromochloromethane
Concen: 103.302 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 129 Resp: 380014
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3

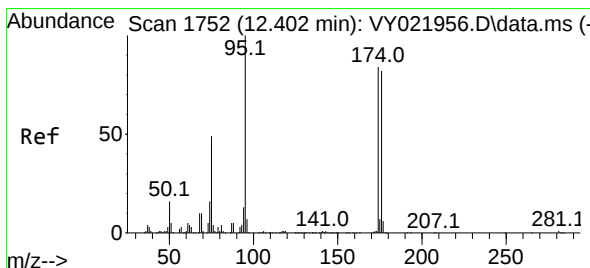
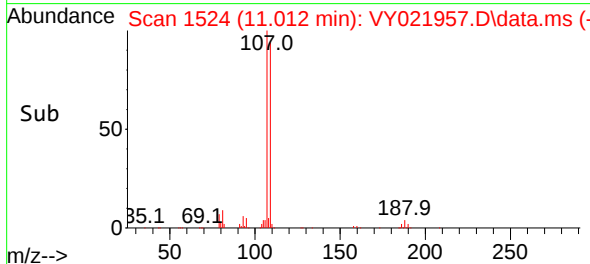
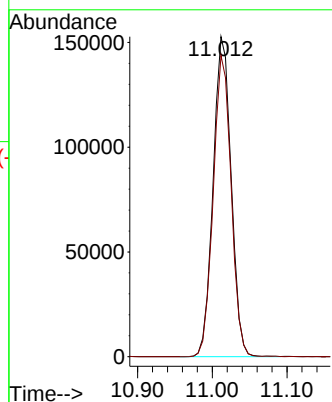
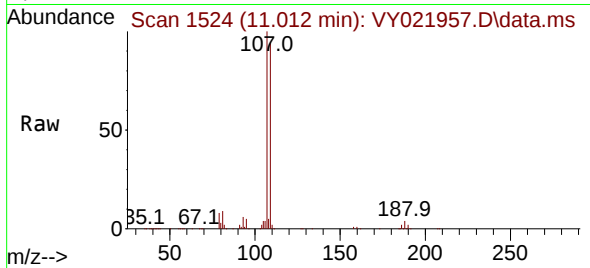




#61
1,2-Dibromoethane
Concen: 102.087 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

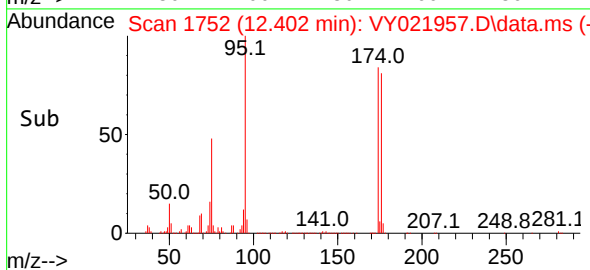
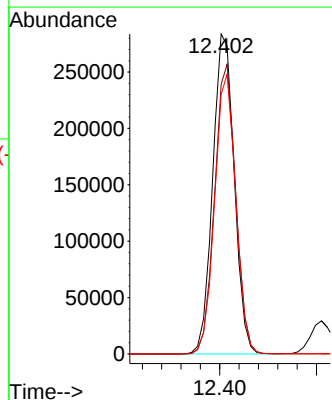
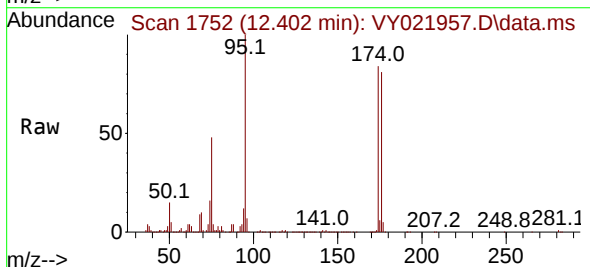
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

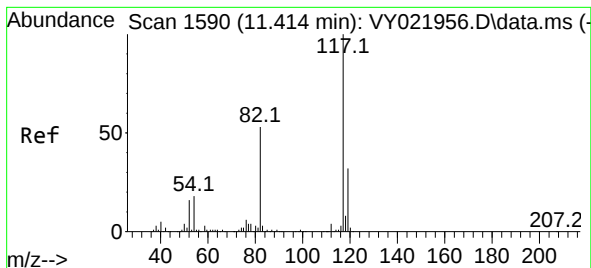
Tgt Ion:107 Resp: 256079
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 100.832 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 95 Resp: 437911
Ion Ratio Lower Upper
95 100
174 88.8 0.0 179.0
176 85.8 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

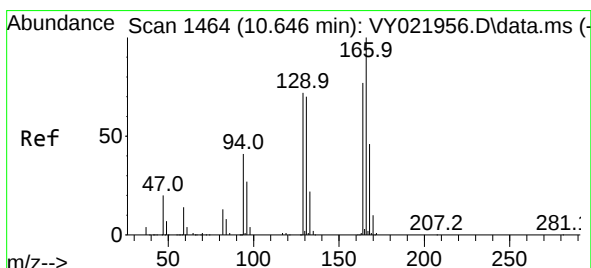
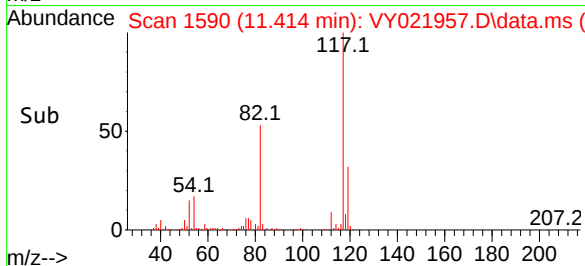
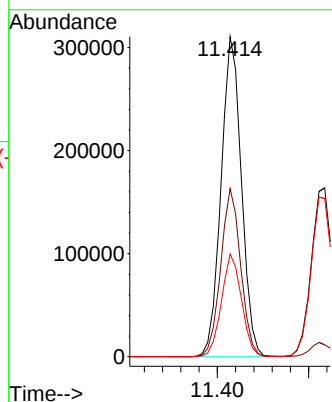
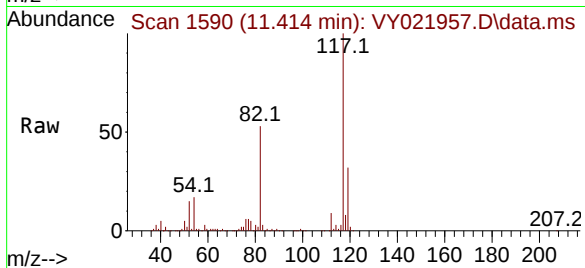
Tgt Ion:117 Resp: 479774

Ion Ratio Lower Upper

117 100

82 52.5 42.1 63.1

119 32.1 25.7 38.5



#64

Tetrachloroethene

Concen: 98.761 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Tgt Ion:164 Resp: 446995

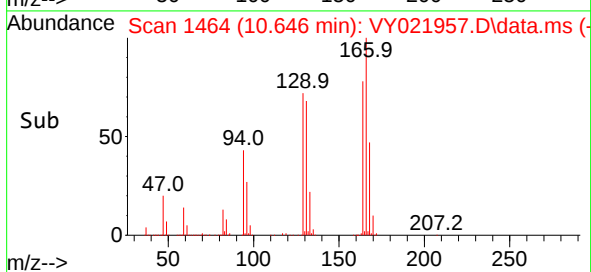
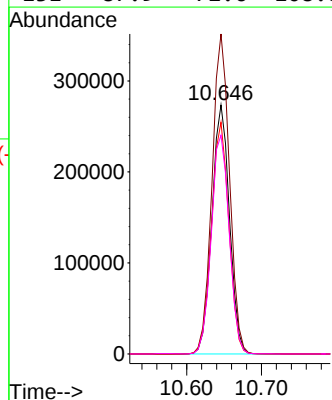
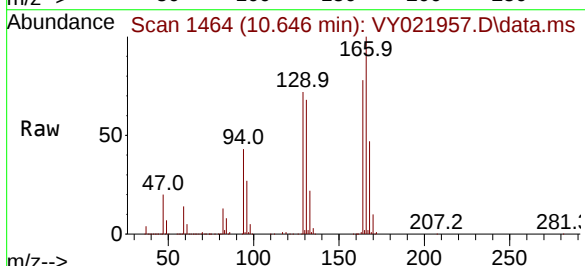
Ion Ratio Lower Upper

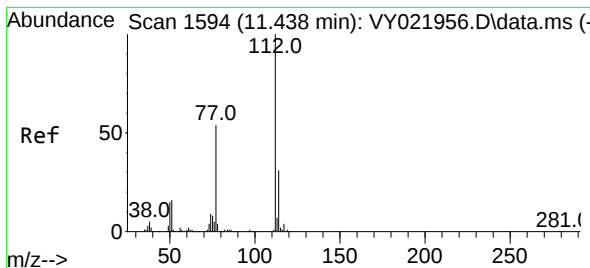
164 100

166 128.5 103.6 155.4

129 93.1 74.2 111.4

131 87.9 72.6 108.8

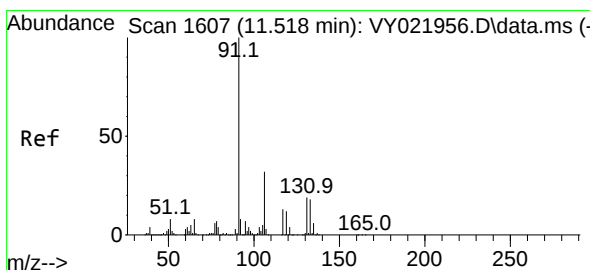
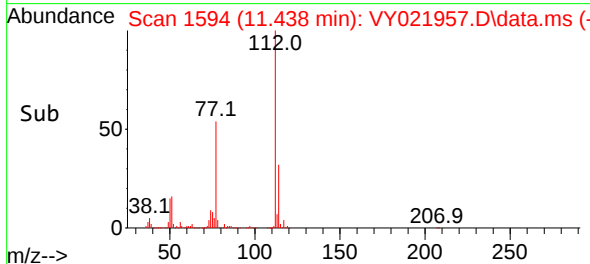
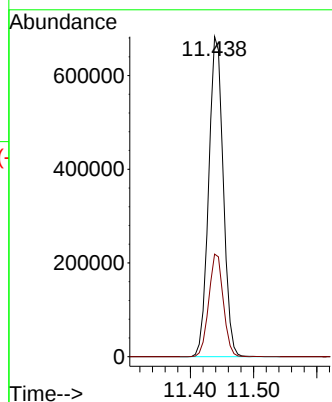
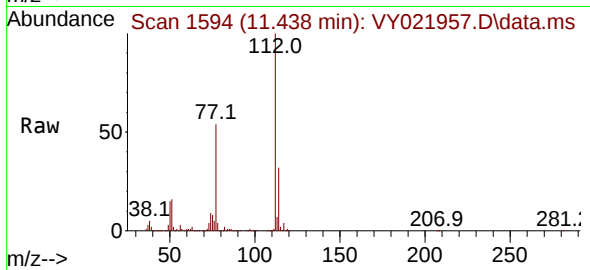




#65
Chlorobenzene
Concen: 101.831 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

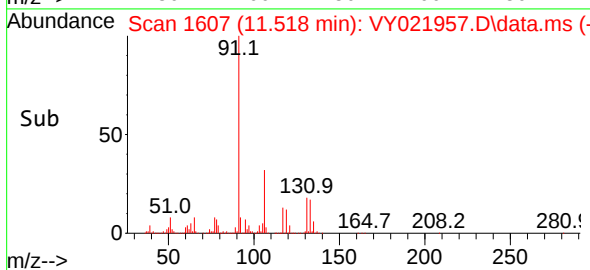
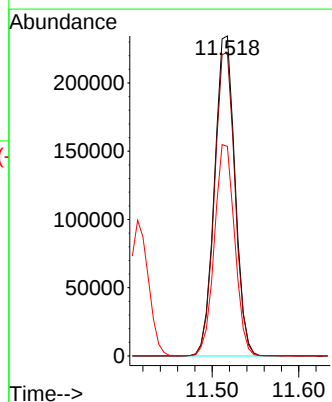
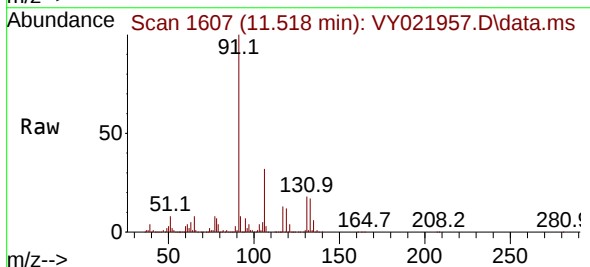
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

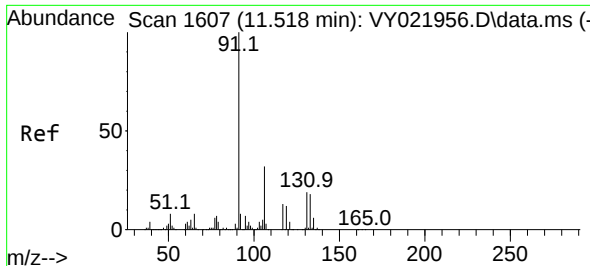
Tgt Ion:112 Resp: 1092542
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 101.907 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:131 Resp: 384924
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 65.6 32.4 97.0

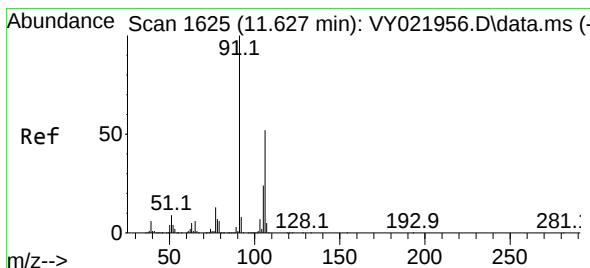
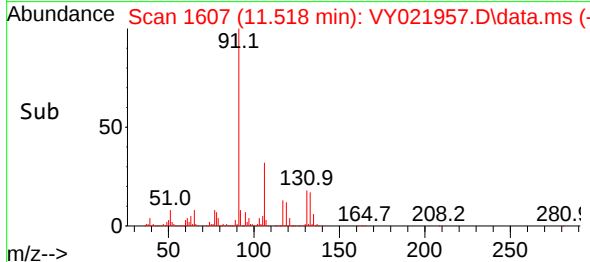
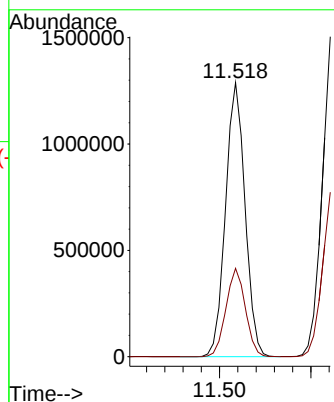
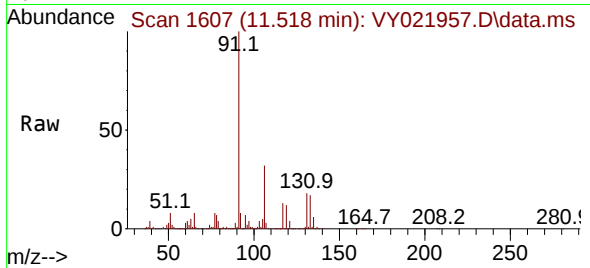




#67
Ethyl Benzene
Concen: 108.806 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

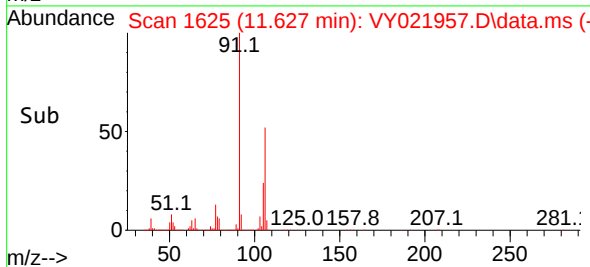
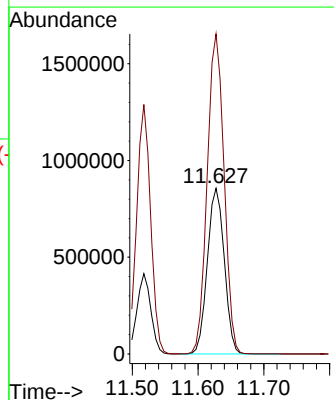
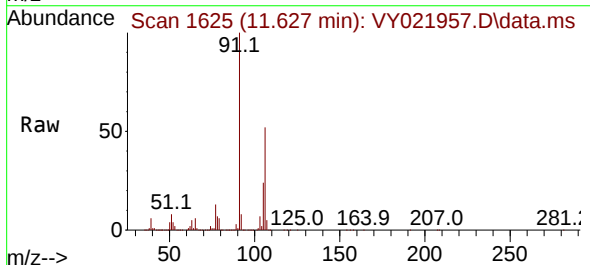
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

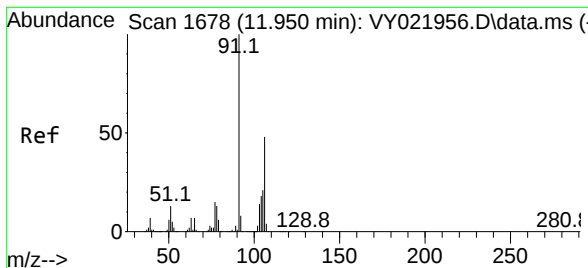
Tgt Ion: 91 Resp: 1909638
Ion Ratio Lower Upper
91 100
106 32.2 25.9 38.9



#68
m/p-Xylenes
Concen: 218.926 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:106 Resp: 1528954
Ion Ratio Lower Upper
106 100
91 192.6 156.2 234.2

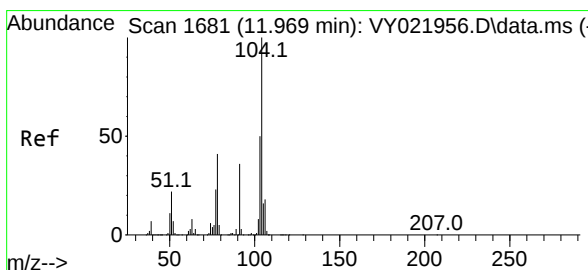
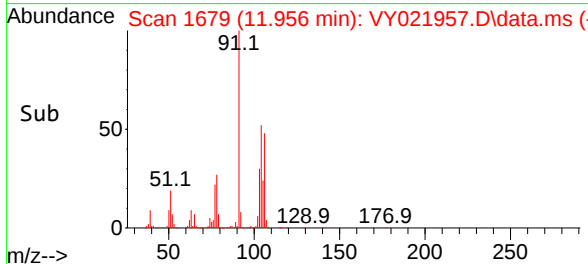
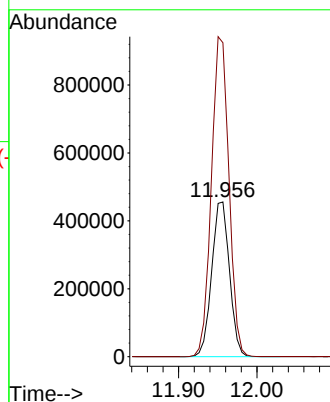
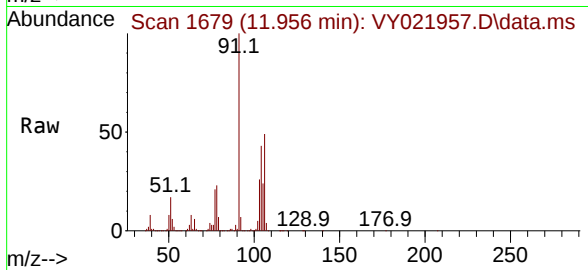




#69
o-Xylene
Concen: 111.334 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

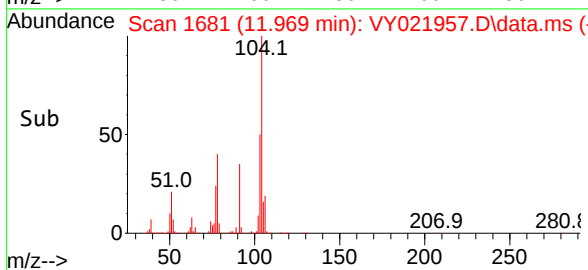
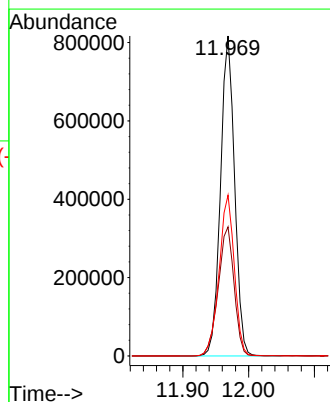
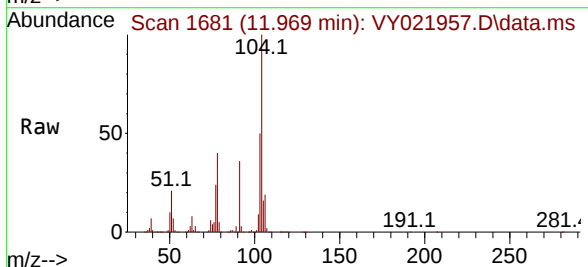
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

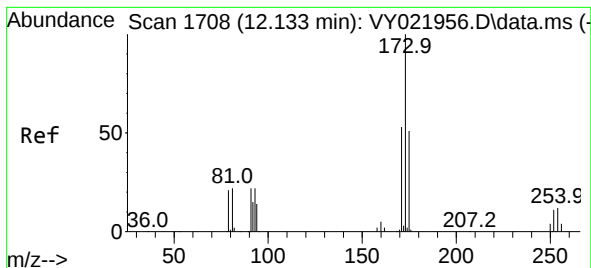
Tgt Ion:106 Resp: 716652
Ion Ratio Lower Upper
106 100
91 204.4 103.0 308.9



#70
Styrene
Concen: 112.940 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:104 Resp: 1220634
Ion Ratio Lower Upper
104 100
78 45.4 36.6 54.8
103 54.4 43.8 65.8





#71

Bromoform

Concen: 102.945 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

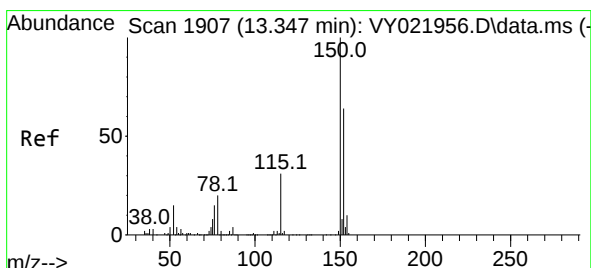
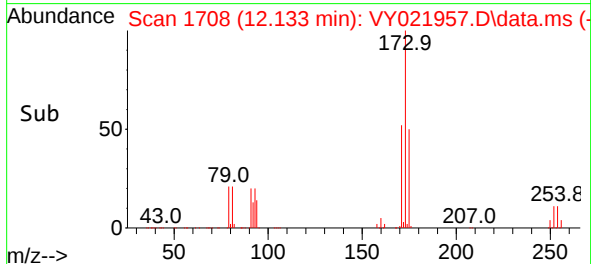
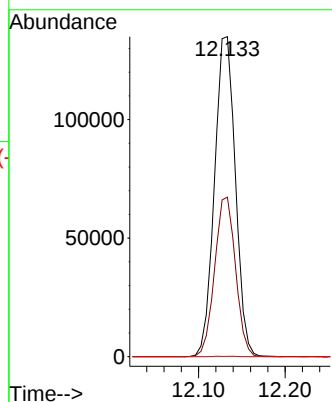
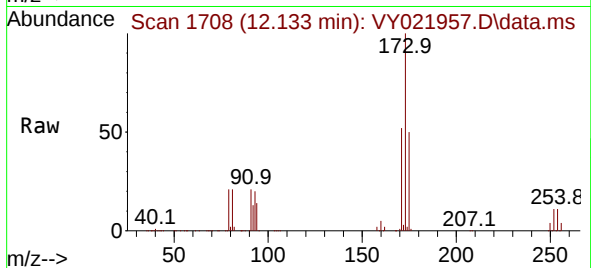
Tgt Ion:173 Resp: 226072

Ion Ratio Lower Upper

173 100

175 49.9 24.3 72.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

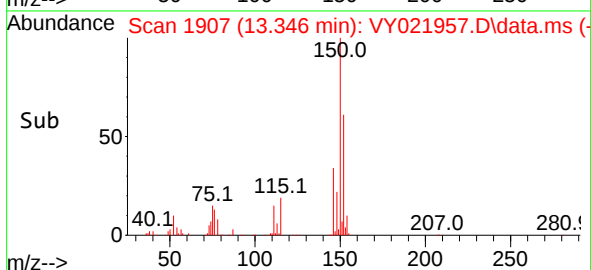
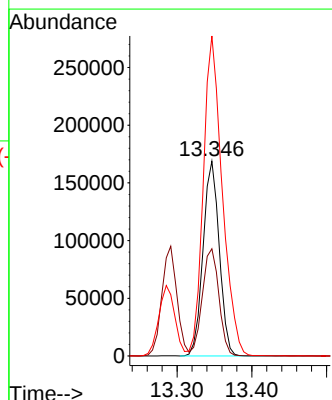
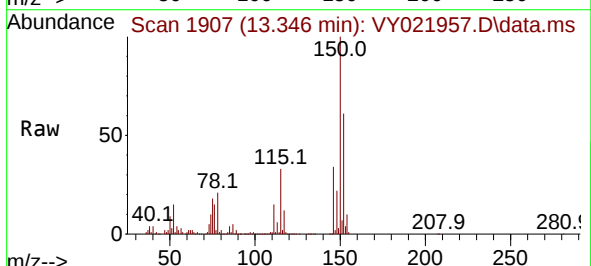
Tgt Ion:152 Resp: 253936

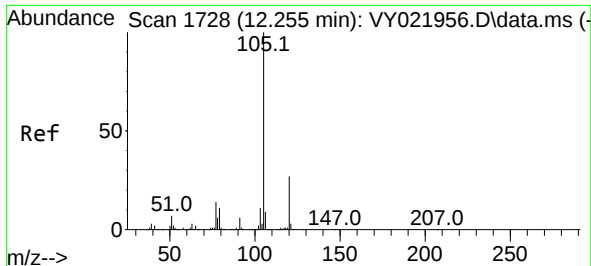
Ion Ratio Lower Upper

152 100

115 56.3 28.0 84.0

150 192.4 0.0 345.6

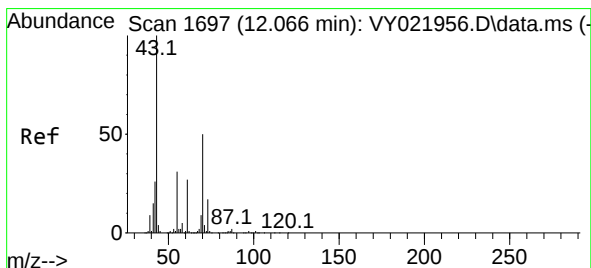
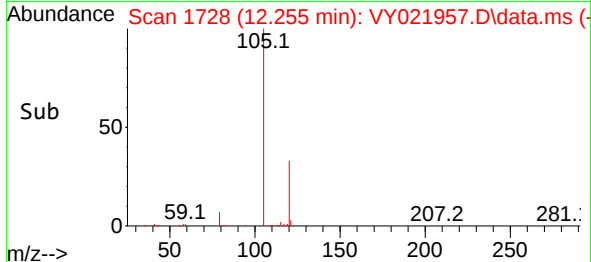
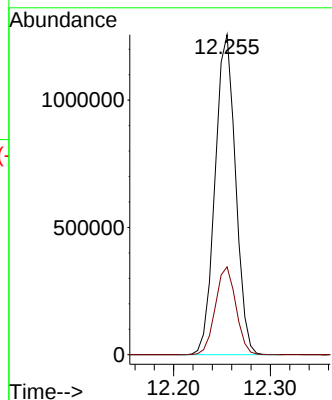
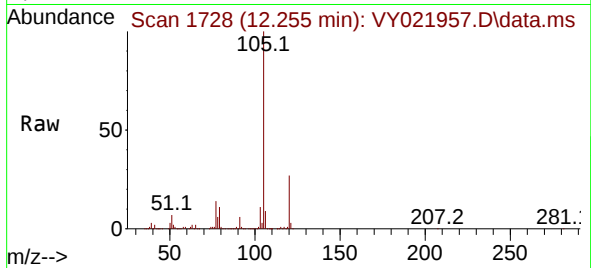




#73
Isopropylbenzene
Concen: 108.944 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

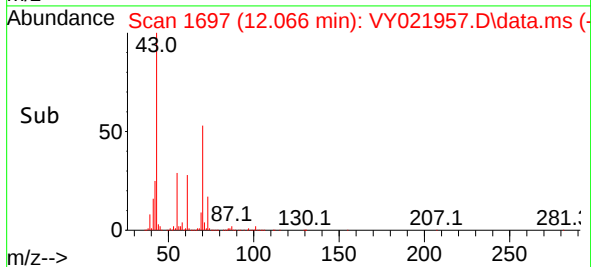
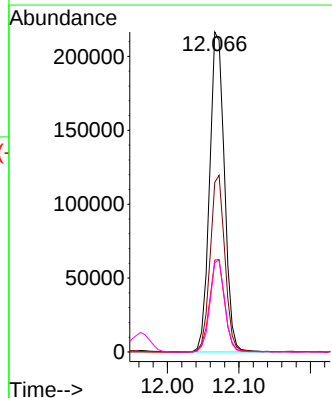
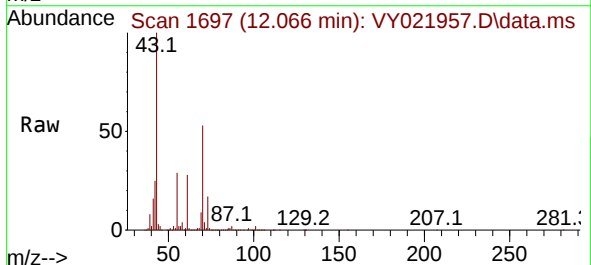
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

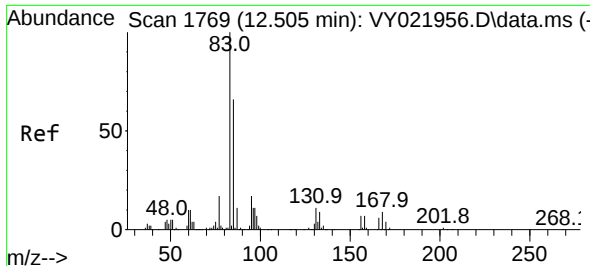
Tgt Ion:105 Resp: 1848306
Ion Ratio Lower Upper
105 100
120 27.5 13.5 40.5



#74
N-ethyl acetate
Concen: 107.236 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 43 Resp: 312577
Ion Ratio Lower Upper
43 100
70 55.0 43.2 64.8
55 29.7 25.7 38.5
61 28.5 23.0 34.6

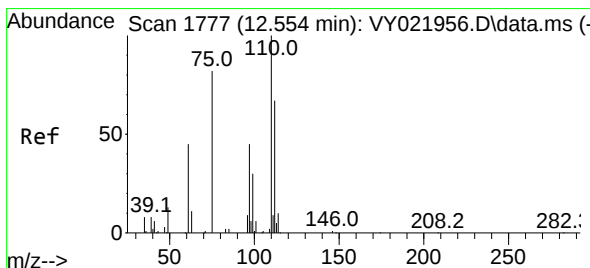
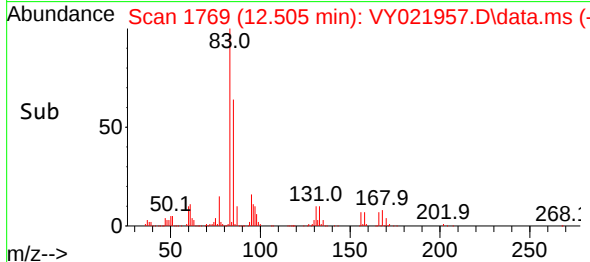
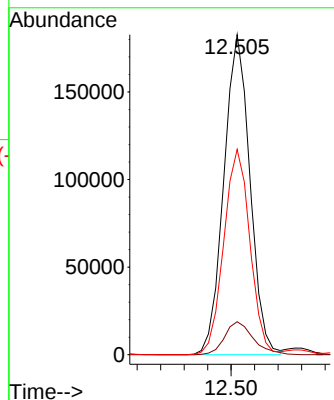
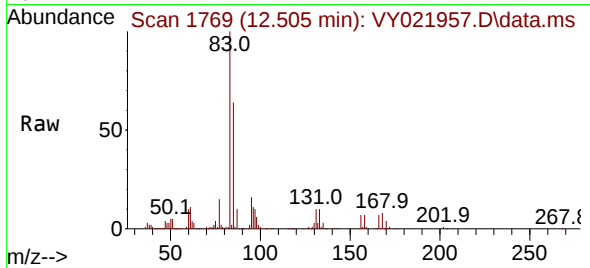




#75
 1,1,2,2-Tetrachloroethane
 Concen: 98.509 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY021957.D
 Acq: 22 Apr 2025 15:52

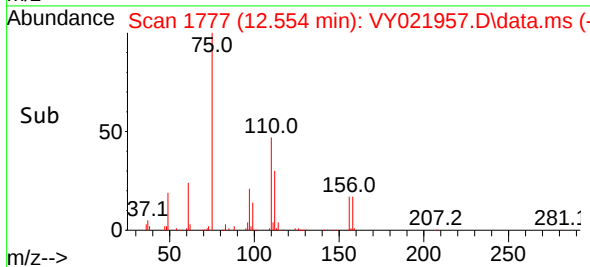
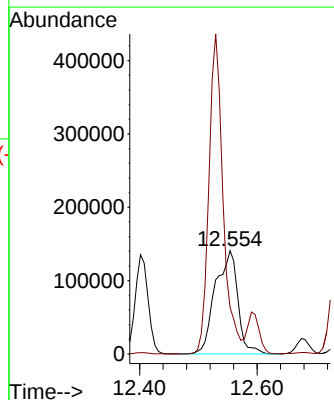
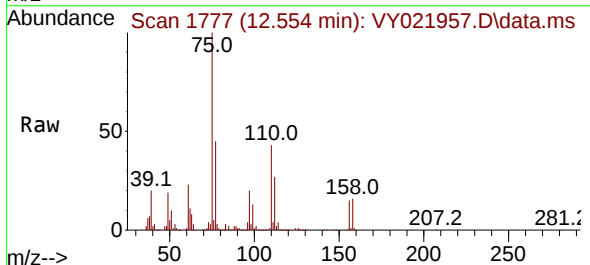
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

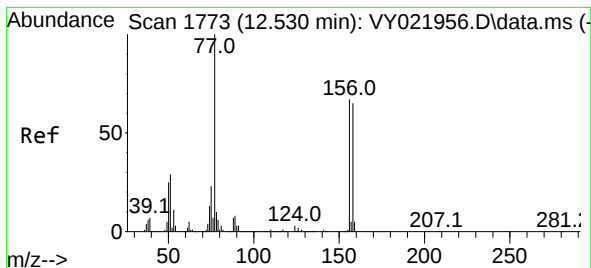
Tgt Ion: 83 Resp: 281769
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.5 16.4
 85 64.3 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 167.670 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY021957.D
 Acq: 22 Apr 2025 15:52

Tgt Ion: 75 Resp: 375170
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 105.415 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

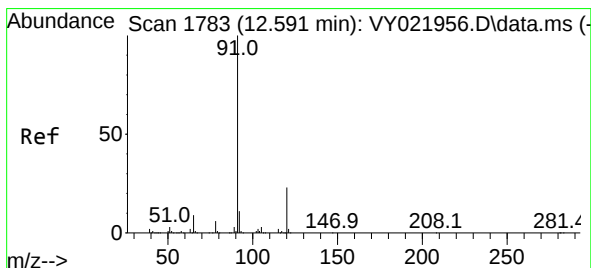
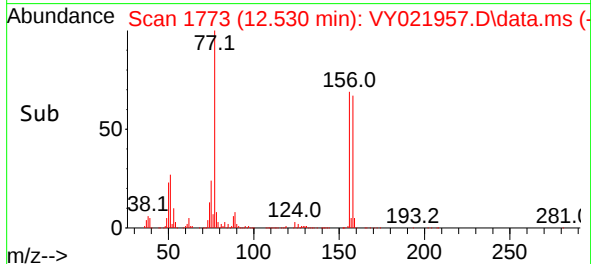
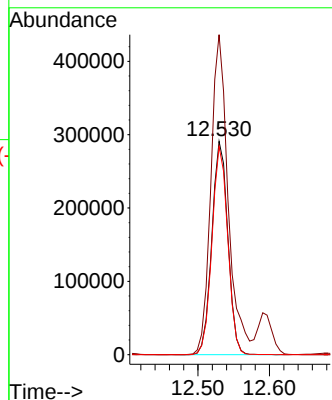
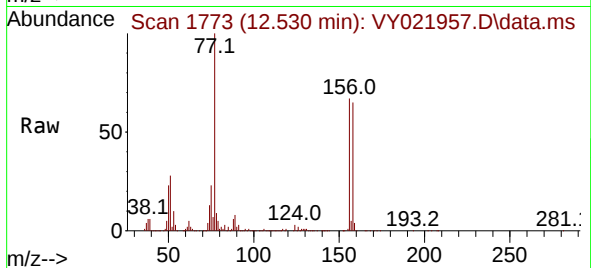
Tgt Ion:156 Resp: 451913

Ion Ratio Lower Upper

156 100

77 161.7 82.7 248.1

158 96.5 48.1 144.4



#78

n-propylbenzene

Concen: 107.039 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY021957.D

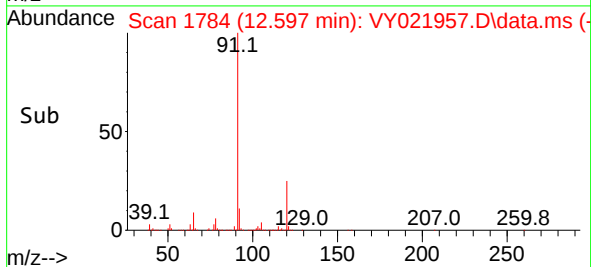
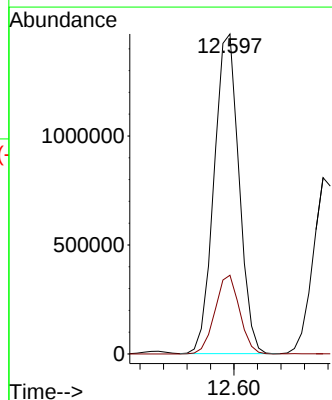
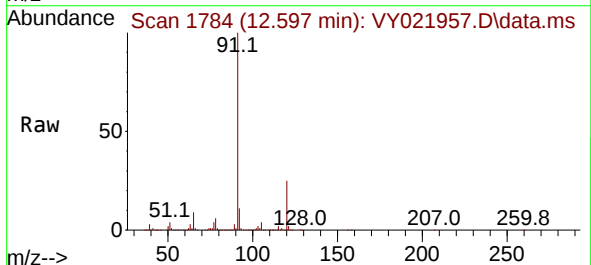
Acq: 22 Apr 2025 15:52

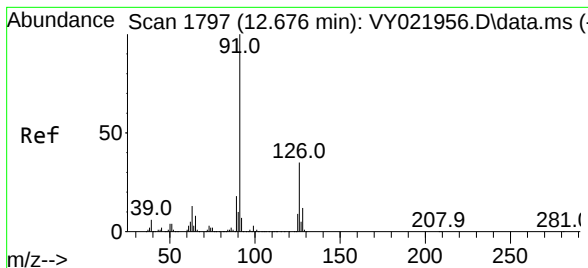
Tgt Ion: 91 Resp: 2162620

Ion Ratio Lower Upper

91 100

120 24.2 11.9 35.5

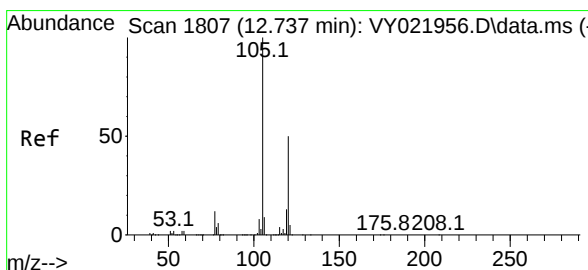
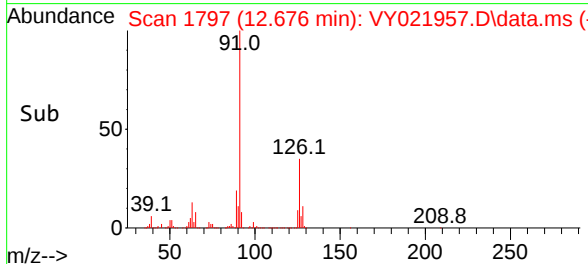
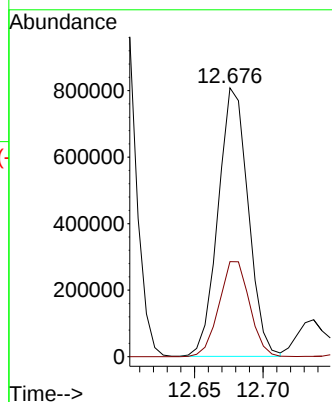
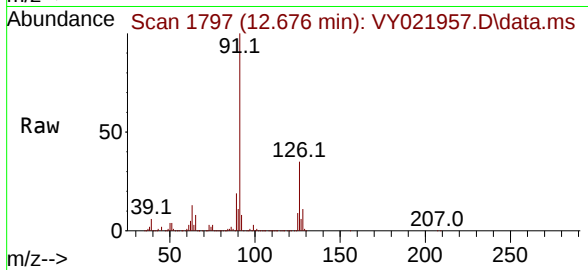




#79
2-Chlorotoluene
Concen: 105.231 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

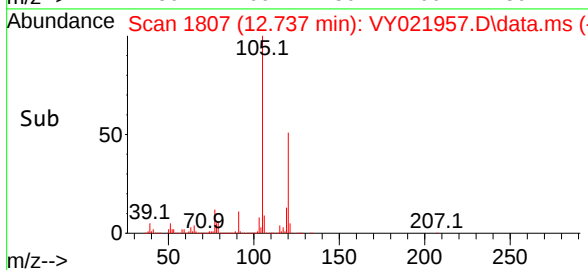
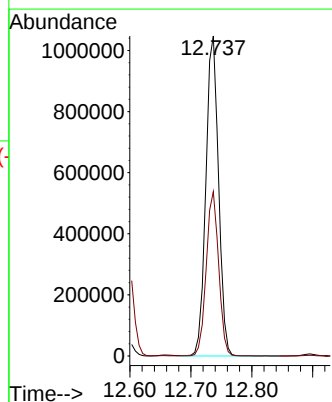
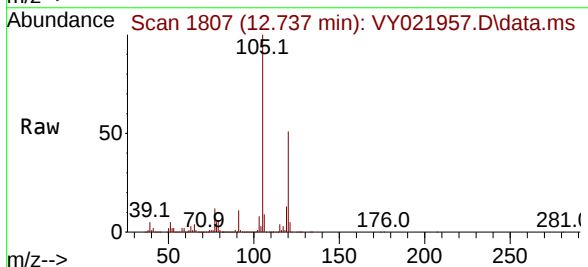
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

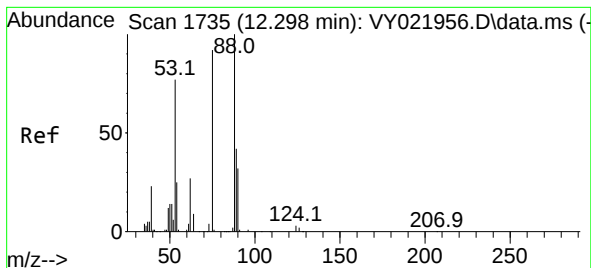
Tgt Ion: 91 Resp: 1236457
Ion Ratio Lower Upper
91 100
126 36.0 17.9 53.8



#80
1,3,5-Trimethylbenzene
Concen: 108.183 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 105 Resp: 1512269
Ion Ratio Lower Upper
105 100
120 50.3 25.0 75.0

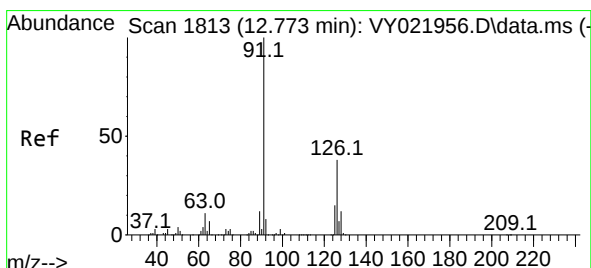
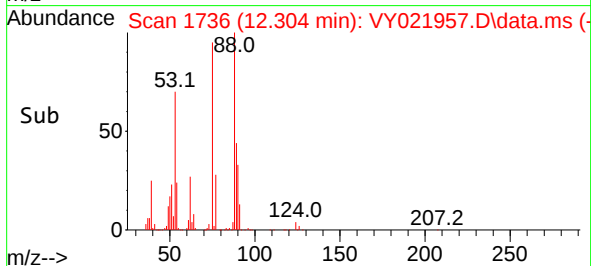
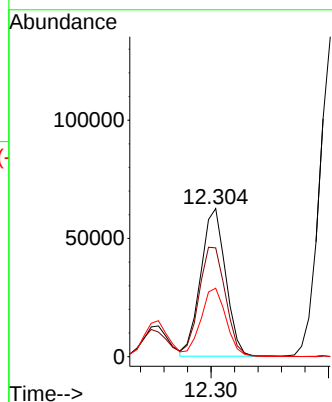
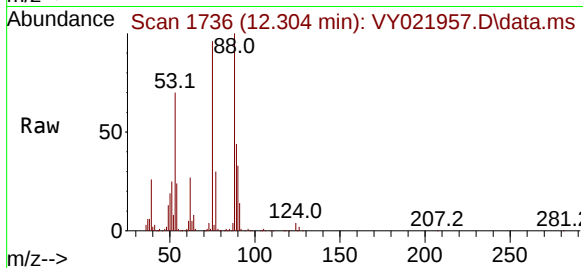




#81
trans-1,4-Dichloro-2-butene
Concen: 101.673 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

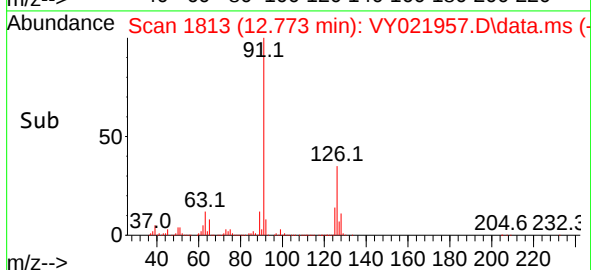
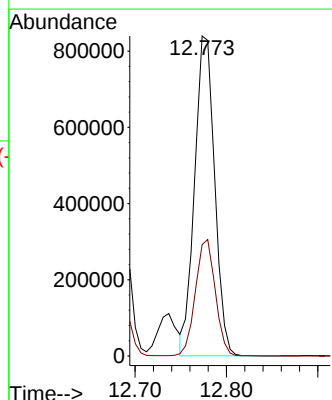
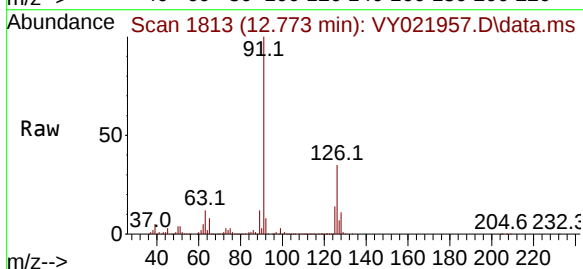
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

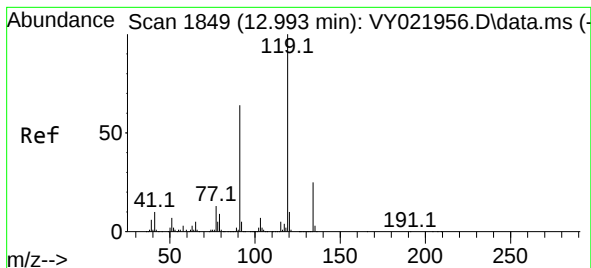
Tgt Ion: 75 Resp: 91833
Ion Ratio Lower Upper
75 100
53 79.2 66.0 99.0
89 47.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 104.825 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion: 91 Resp: 1280377
Ion Ratio Lower Upper
91 100
126 36.3 17.9 53.8





#83

tert-Butylbenzene

Concen: 110.389 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

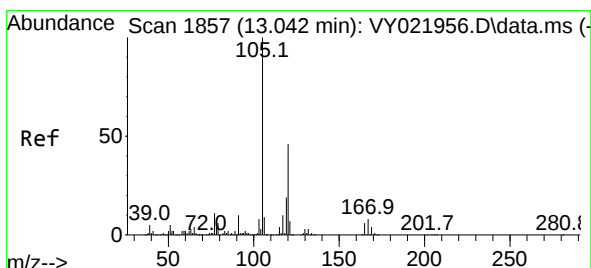
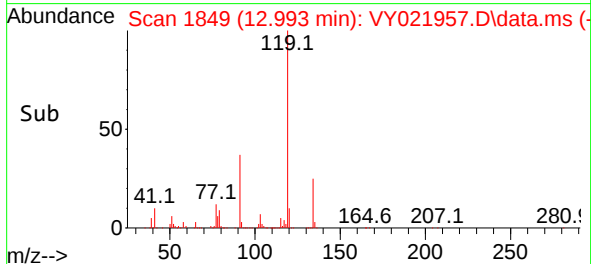
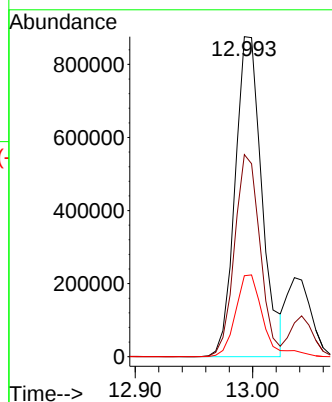
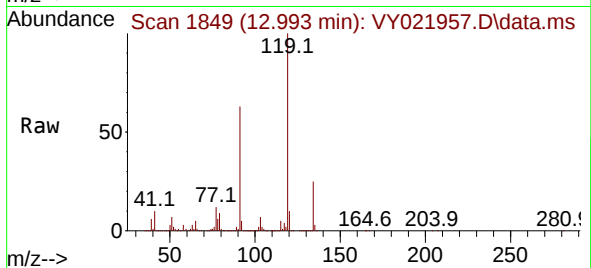
Tgt Ion:119 Resp: 1383923

Ion Ratio Lower Upper

119 100

91 60.3 30.3 90.9

134 26.3 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 109.940 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY021957.D

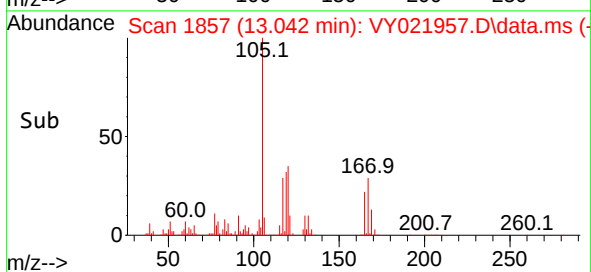
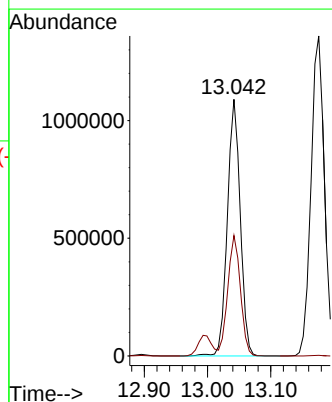
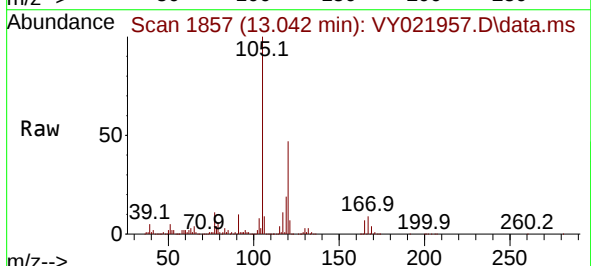
Acq: 22 Apr 2025 15:52

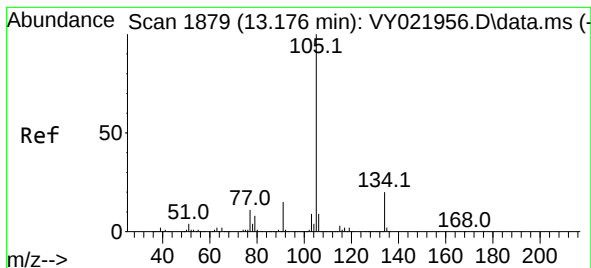
Tgt Ion:105 Resp: 1537175

Ion Ratio Lower Upper

105 100

120 46.1 23.4 70.0





#85

sec-Butylbenzene

Concen: 107.920 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

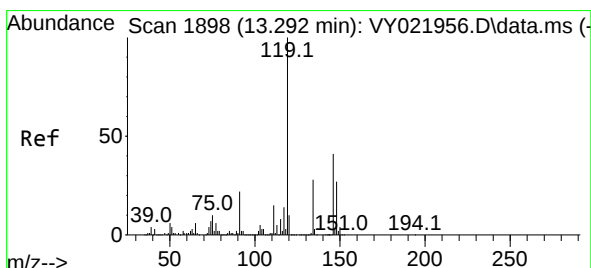
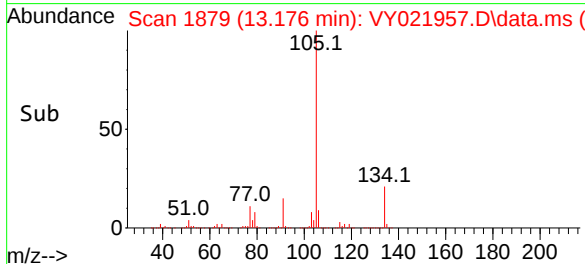
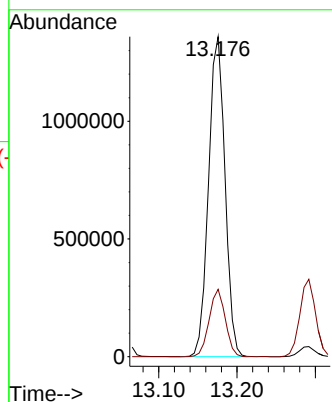
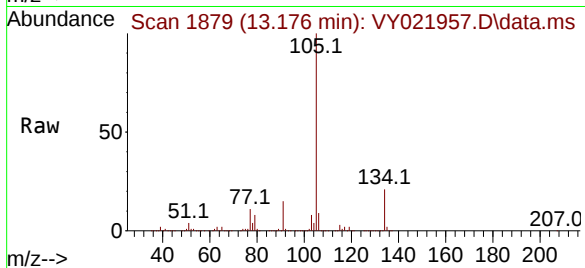
VSTDIC100

Tgt Ion:105 Resp: 1979821

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.9



#86

p-Isopropyltoluene

Concen: 110.405 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

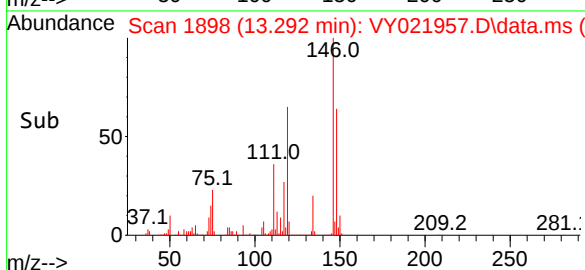
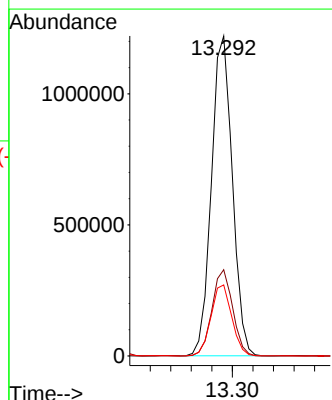
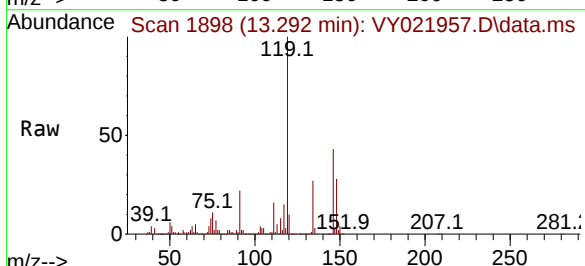
Tgt Ion:119 Resp: 1719877

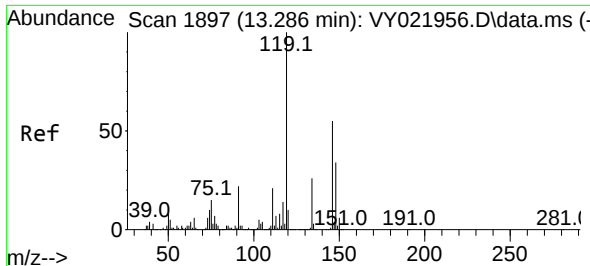
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.7

91 22.1 11.0 33.0

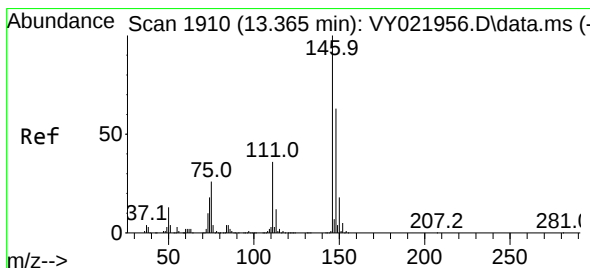
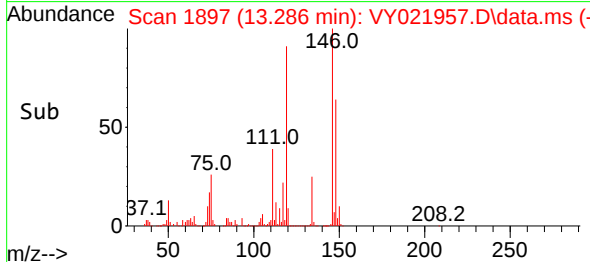
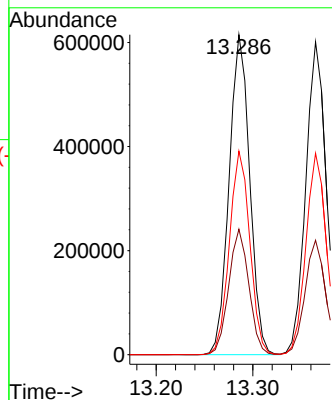
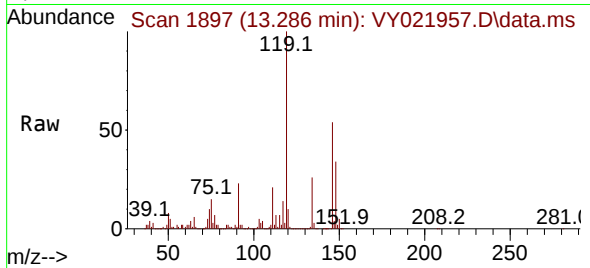




#87
1,3-Dichlorobenzene
Concen: 104.350 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

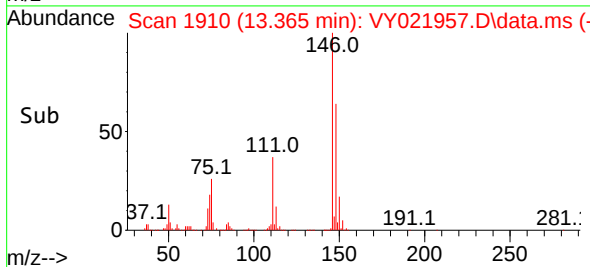
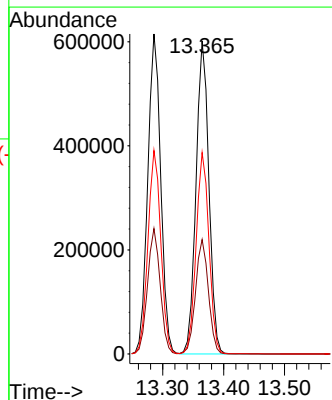
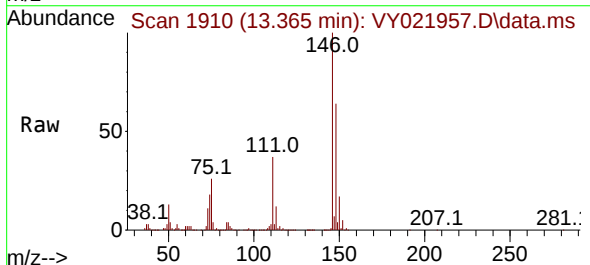
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

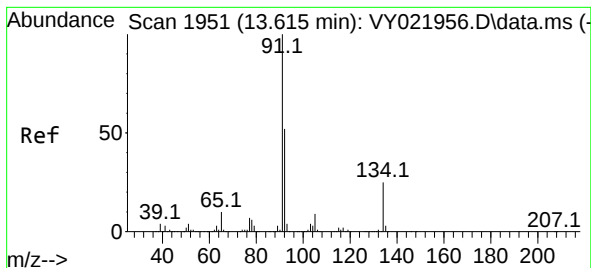
Tgt Ion:146 Resp: 908577
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.5
148 63.3 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 102.083 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.000 min
Lab File: VY021957.D
Acq: 22 Apr 2025 15:52

Tgt Ion:146 Resp: 880300
Ion Ratio Lower Upper
146 100
111 36.6 19.2 57.6
148 64.3 32.0 96.0





#89

n-Butylbenzene

Concen: 108.535 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

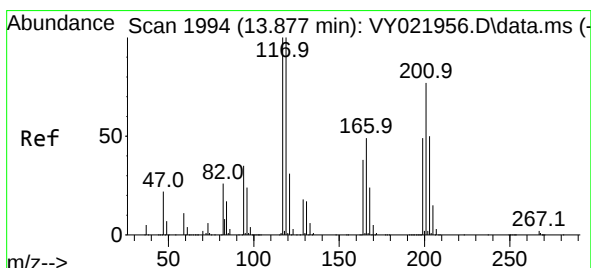
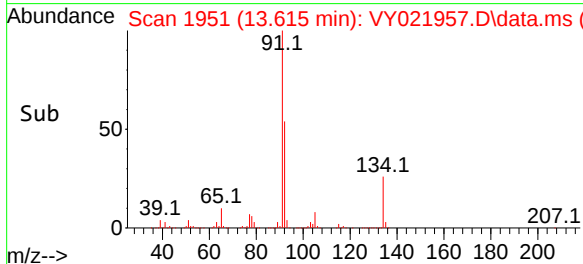
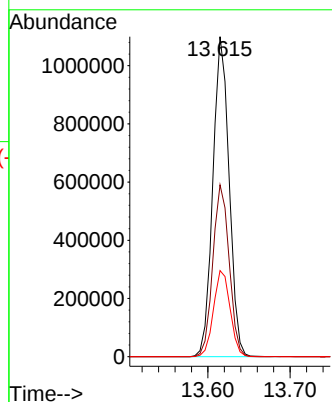
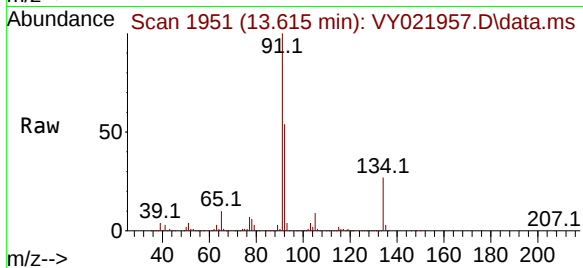
Tgt Ion: 91 Resp: 1511238

Ion Ratio Lower Upper

91 100

92 54.0 26.5 79.5

134 27.5 13.4 40.1



#90

Hexachloroethane

Concen: 102.221 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY021957.D

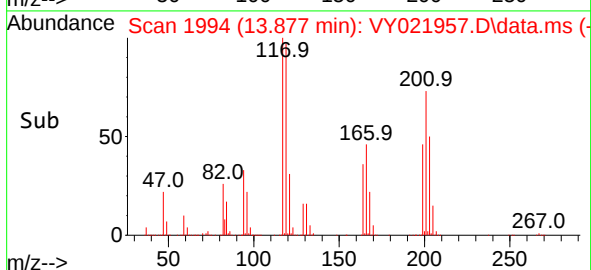
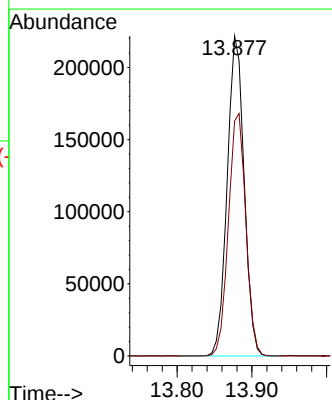
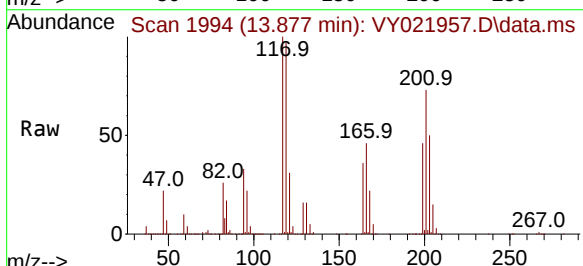
Acq: 22 Apr 2025 15:52

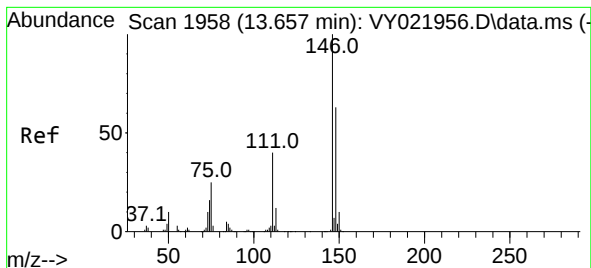
Tgt Ion: 117 Resp: 349860

Ion Ratio Lower Upper

117 100

201 77.9 38.7 116.1





#91

1,2-Dichlorobenzene

Concen: 102.789 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

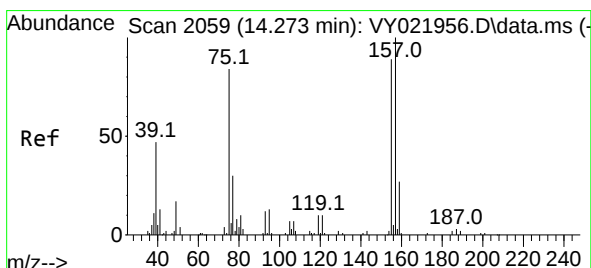
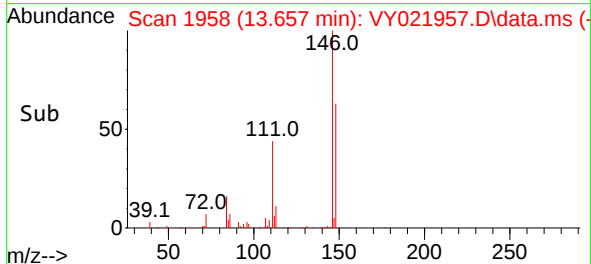
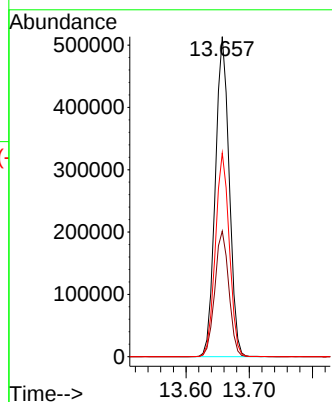
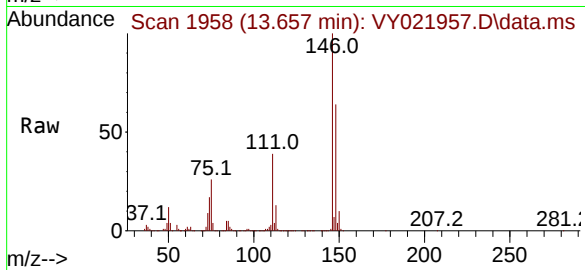
Tgt Ion:146 Resp: 780600

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

148 63.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 94.503 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

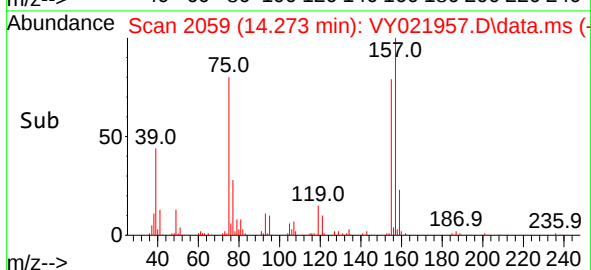
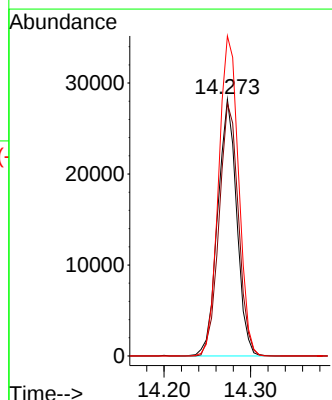
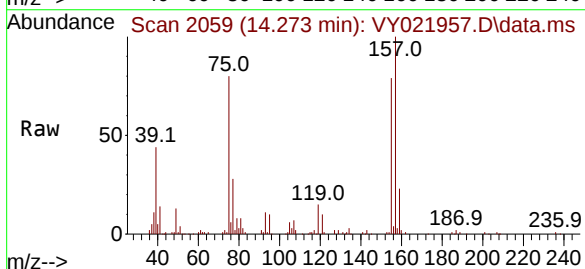
Tgt Ion: 75 Resp: 43006

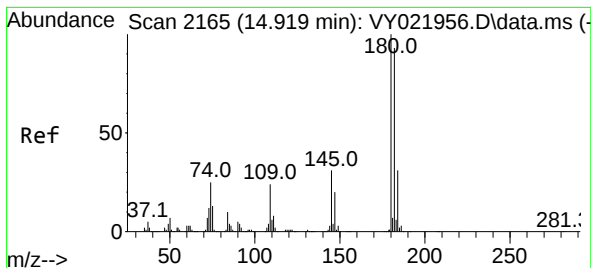
Ion Ratio Lower Upper

75 100

155 99.9 50.7 152.3

157 130.7 62.6 187.8





#93

1,2,4-Trichlorobenzene

Concen: 114.465 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

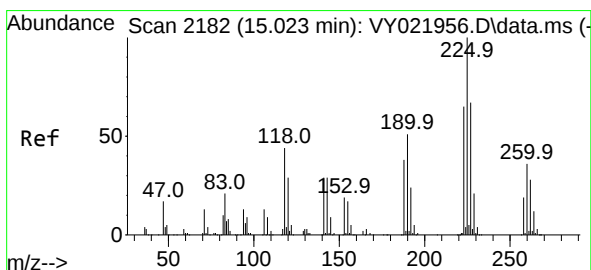
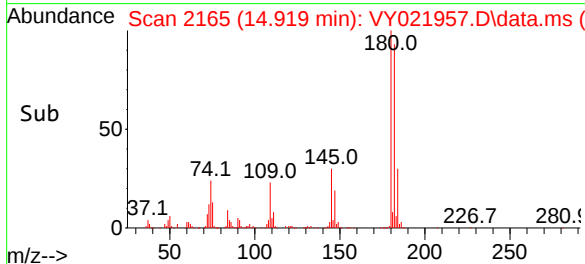
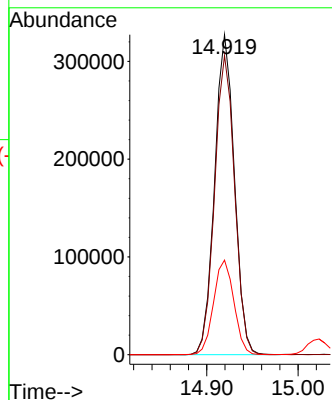
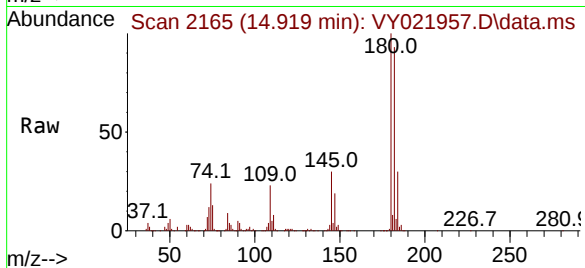
Tgt Ion:180 Resp: 492590

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.4

145 30.3 15.0 45.0



#94

Hexachlorobutadiene

Concen: 106.397 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

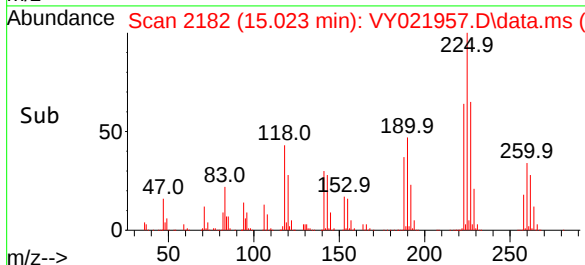
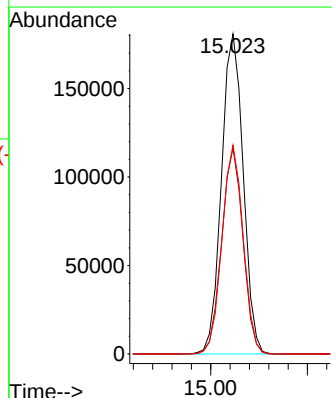
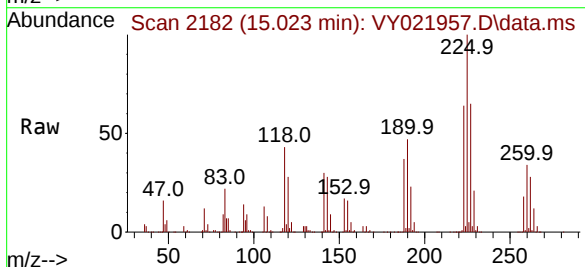
Tgt Ion:225 Resp: 281711

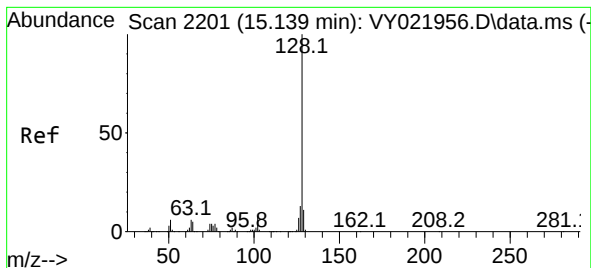
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.5

227 63.6 32.3 96.9





#95

Naphthalene

Concen: 120.033 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

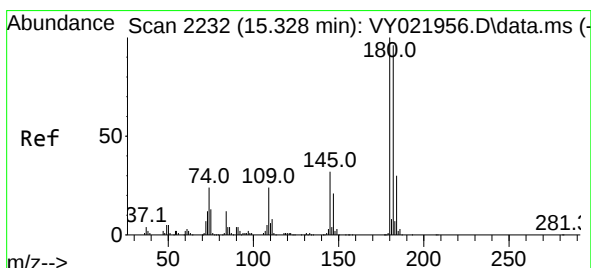
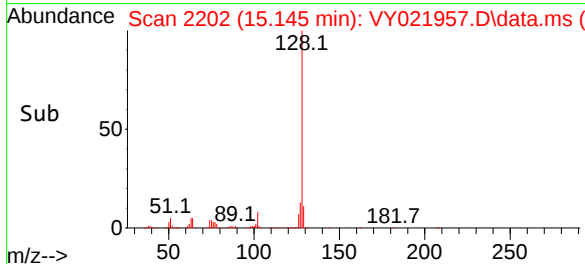
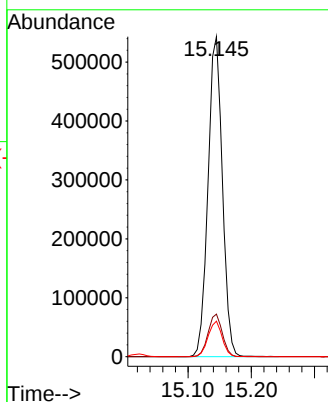
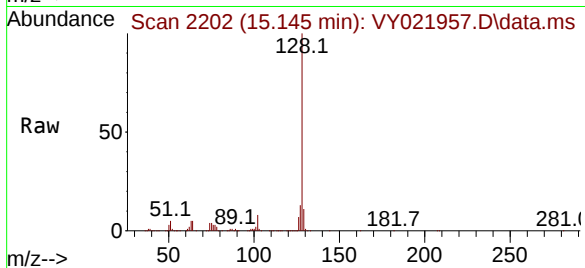
Tgt Ion:128 Resp: 858079

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 113.294 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY021957.D

Acq: 22 Apr 2025 15:52

Tgt Ion:180 Resp: 420859

Ion Ratio Lower Upper

180 100

182 95.1 48.1 144.4

145 31.4 16.0 48.0

