

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021369.D
 Acq On : 27 Feb 2025 19:29
 Operator : SY/MD
 Sample : Q1448-04
 Misc : 6.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P3

Quant Time: Feb 28 00:44:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	116202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	199239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	161221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	42795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66778	50.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.320%	
35) Dibromofluoromethane	7.634	113	65580	50.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.420%	
50) Toluene-d8	10.103	98	268179	53.124	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.240%	
62) 4-Bromofluorobenzene	12.408	95	60362	35.529	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.060%	

Target Compounds						Qvalue
3) Chloromethane	2.025	50	7986	5.613	ug/l #	66
6) Chloroethane	2.842	64	1401	1.618	ug/l #	1
11) Tert butyl alcohol	4.854	59	47017	463.704	ug/l #	72
13) Acrolein	3.610	56	34023	437.881	ug/l #	1
14) Allyl chloride	4.476	41	55716	26.877	ug/l #	61
15) Acrylonitrile	5.128	53	101719	363.433	ug/l #	41
16) Acetone	3.848	43	488183	1930.618	ug/l #	55
19) Methyl tert-butyl Ether	5.116	73	100419	32.507	ug/l #	1
20) Methylene Chloride	4.604	84	10702	7.827	ug/l #	1
22) Diisopropyl ether	6.019	45	31233	7.281	ug/l	94
23) Vinyl Acetate	5.921	43	5245	2.046	ug/l #	73
25) 2-Butanone	6.878	43	34563	90.567	ug/l #	52
26) 2,2-Dichloropropane	6.689	77	23234	10.591	ug/l #	54
29) Tetrahydrofuran	7.268	42	5295	21.226	ug/l #	35
30) Chloroform	7.439	83	4817	1.966	ug/l #	1
31) Cyclohexane	7.701	56	2577430	1109.012	ug/l	98
36) 1,1-Dichloropropene	7.707	75	12044	6.138	ug/l #	1
37) Ethyl Acetate	6.878	43	34563	35.413	ug/l #	70
38) Carbon Tetrachloride	7.707	117	12247	5.552	ug/l #	16
39) Methylcyclohexane	9.110	83	2385301	961.158	ug/l	99
40) Benzene	8.079	78	1986204	342.443	ug/l	100
41) Methacrylonitrile	7.256	41	17902	32.806	ug/l #	40
42) 1,2-Dichloroethane	8.195	62	3670	2.230	ug/l #	1
43) Isopropyl Acetate	8.189	43	228202	120.797	ug/l #	63
45) 1,2-Dichloropropane	9.110	63	28426	20.365	ug/l #	1
48) Methyl methacrylate	9.244	41	52004	58.867	ug/l #	15
51) 4-Methyl-2-Pentanone	10.042	43	35390	36.596	ug/l #	82
52) Toluene	10.170	92	34037	9.446	ug/l	98
55) 1,1,2-Trichloroethane	10.542	97	156577	157.530	ug/l #	19
56) Ethyl methacrylate	10.445	69	46385	33.774	ug/l #	29
58) 2-Chloroethyl Vinyl ether	9.640	63	15340	23.270	ug/l #	48
59) 2-Hexanone	10.731	43	43271	68.133	ug/l #	26
68) m/p-Xylenes	11.633	106	5793	2.403	ug/l	96
69) o-Xylene	11.957	106	7367	3.262	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.566	83	863	1.520	ug/l #	89
76) 1,2,3-Trichloropropane	12.408	75	35772	83.510	ug/l #	100

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Response via : Initial Calibration

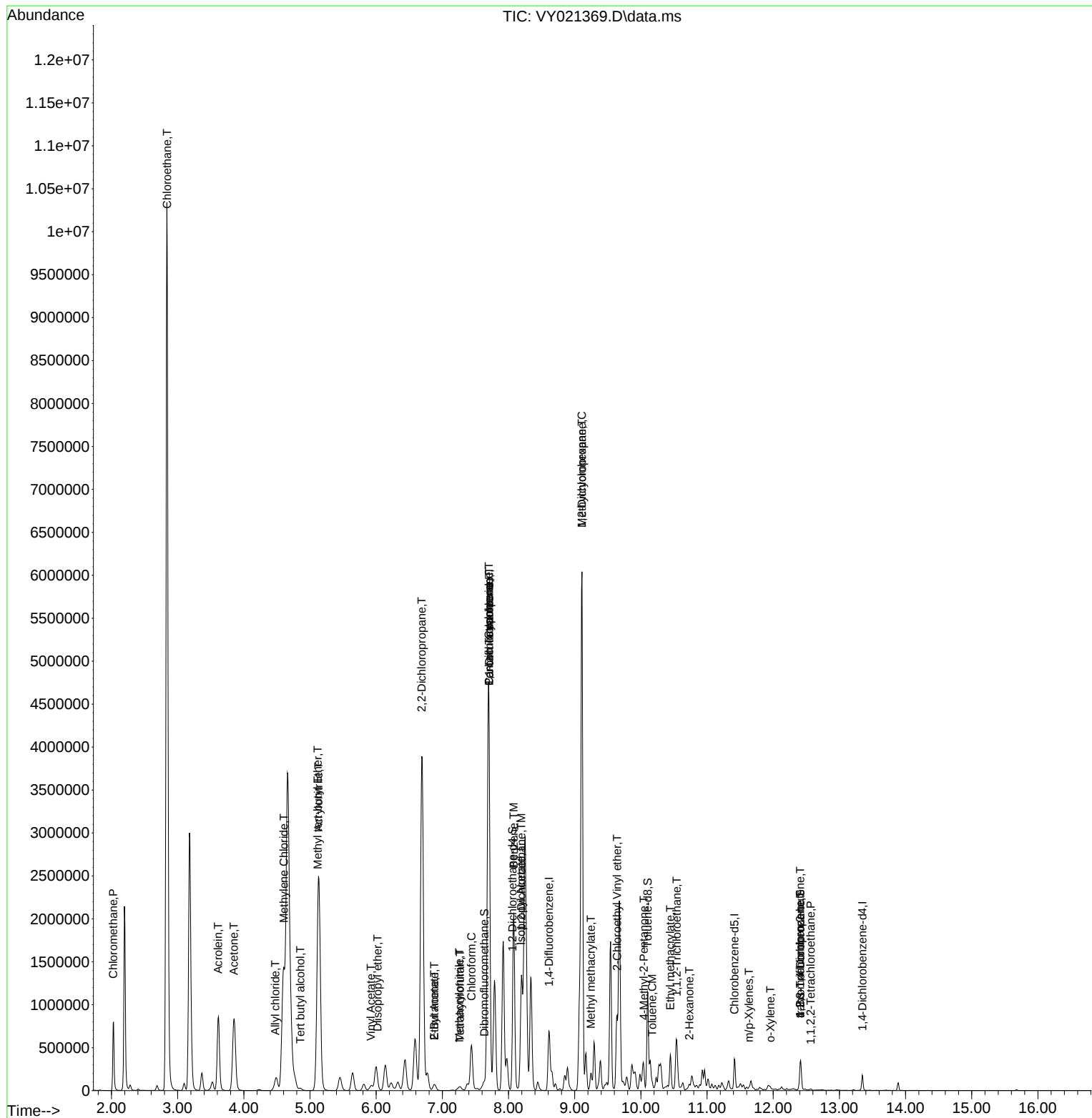
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-b...	12.408	75	35772	185.613	ug/l #	11

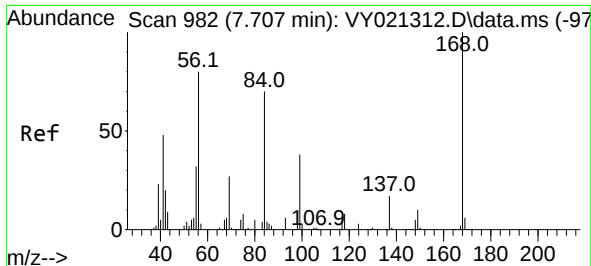
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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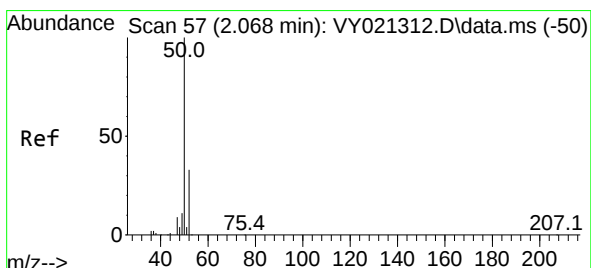
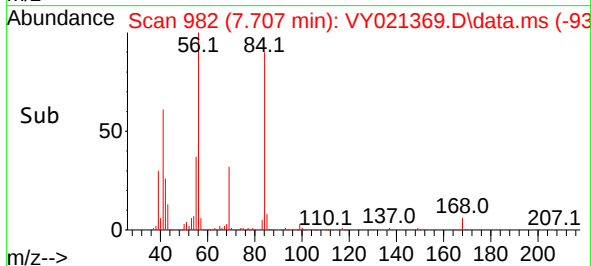
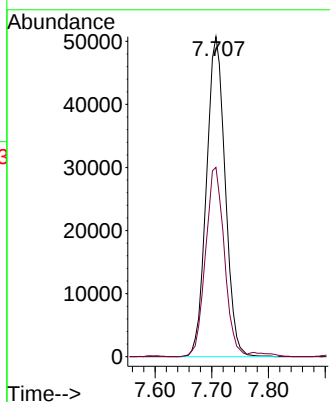
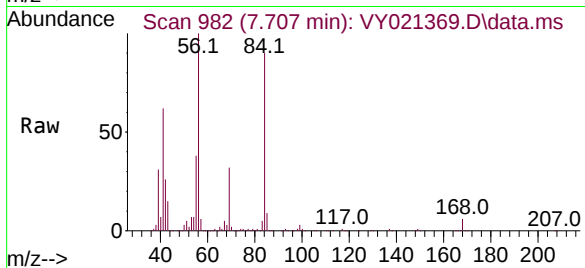




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

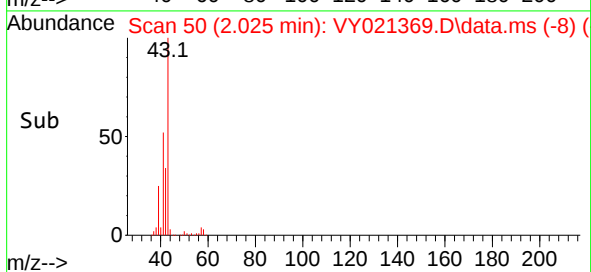
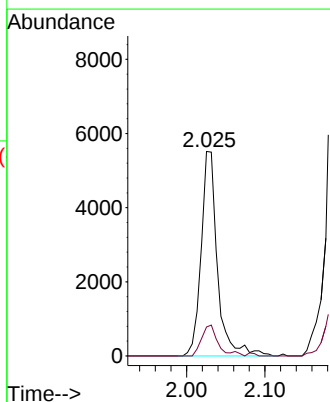
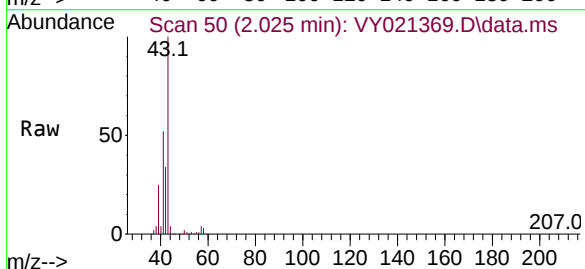
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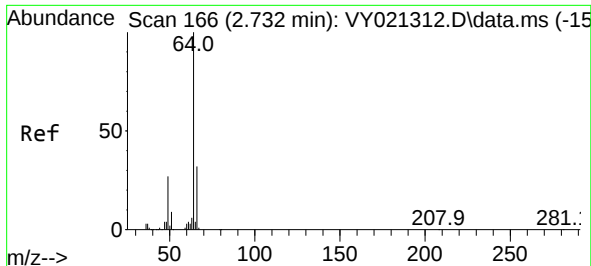
Tgt Ion:168 Resp: 116202
Ion Ratio Lower Upper
168 100
99 59.2 47.1 70.7



#3
Chloromethane
Concen: 5.613 ug/l
RT: 2.025 min Scan# 50
Delta R.T. -0.042 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 50 Resp: 7986
Ion Ratio Lower Upper
50 100
52 14.1 26.6 40.0#

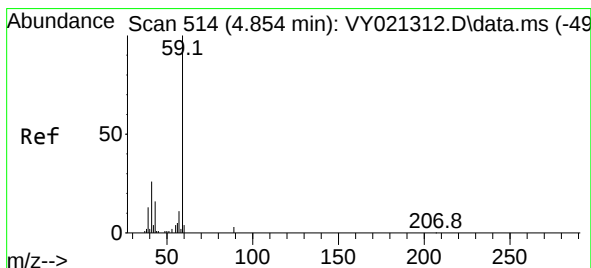
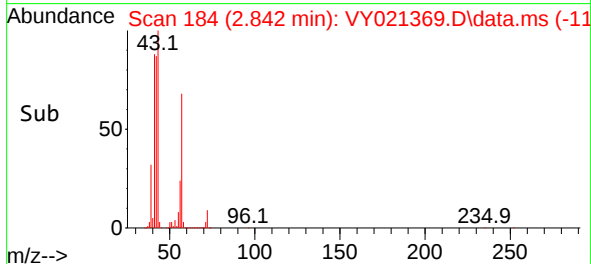
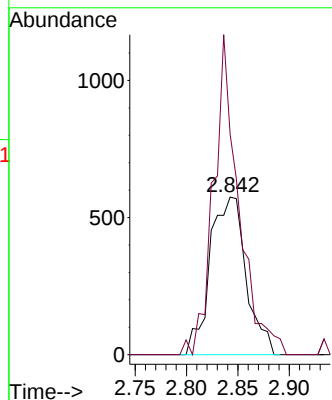
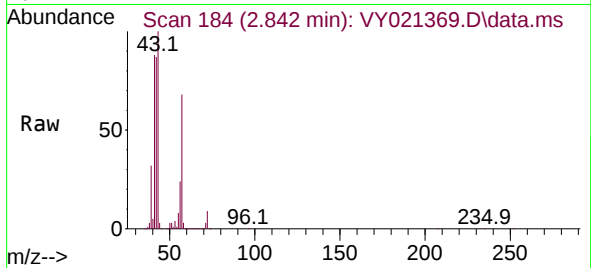




#6
Chloroethane
Concen: 1.618 ug/l
RT: 2.842 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

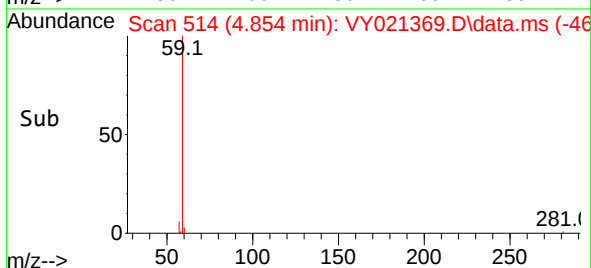
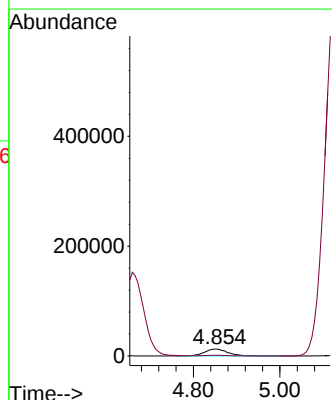
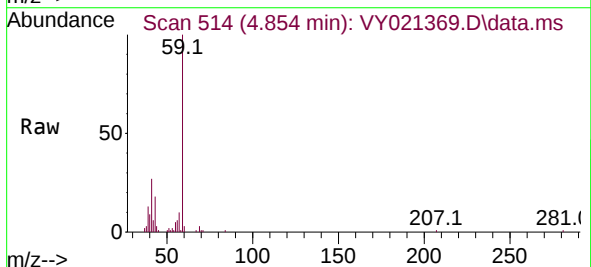
Instrument :
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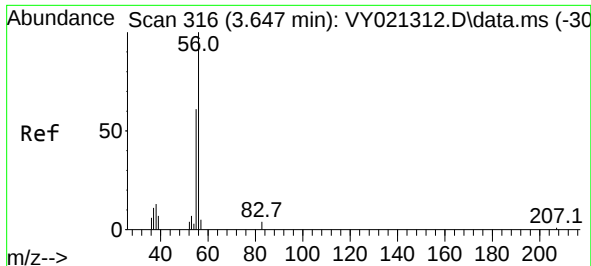
Tgt Ion: 64 Resp: 1401
Ion Ratio Lower Upper
64 100
66 139.8 25.4 38.0#



#11
Tert butyl alcohol
Concen: 463.704 ug/l
RT: 4.854 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 59 Resp: 47017
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

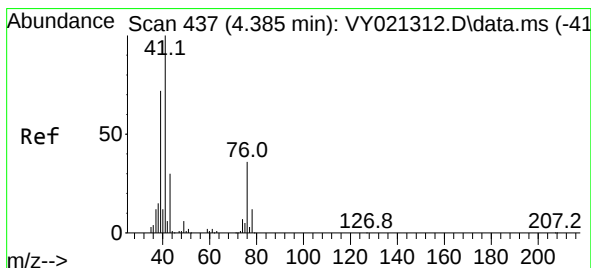
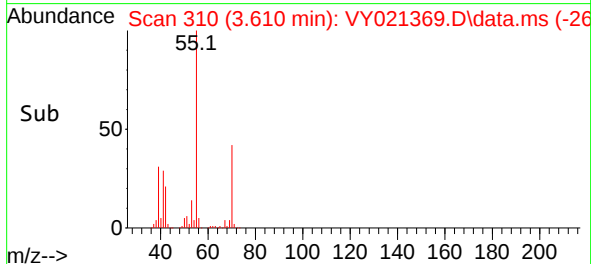
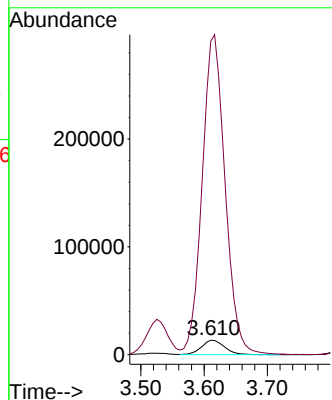
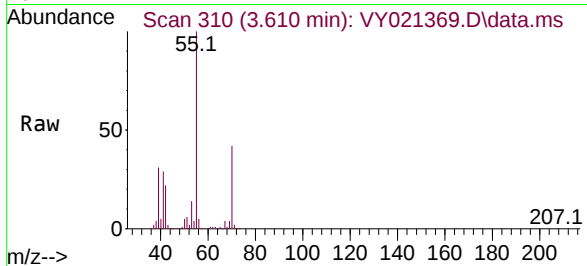




#13
Acrolein
Concen: 437.881 ug/l
RT: 3.610 min Scan# 316
Delta R.T. -0.036 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

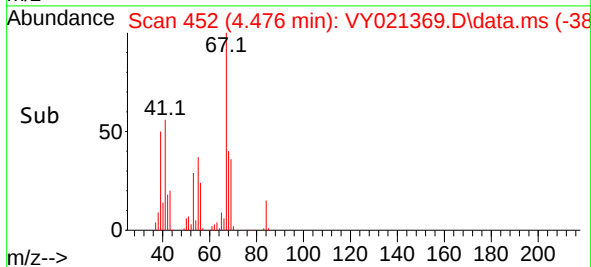
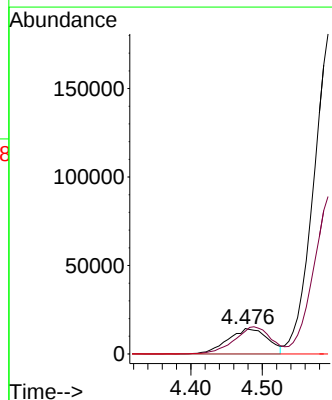
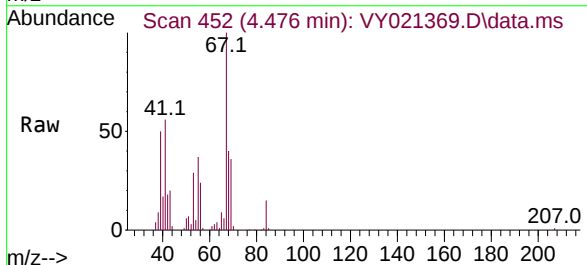
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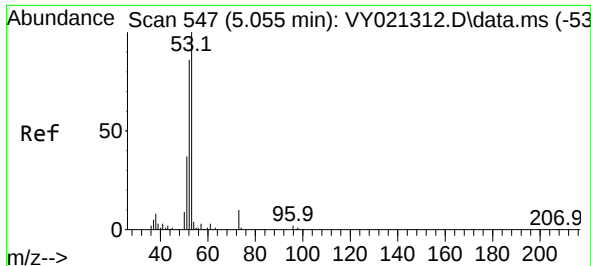
Tgt Ion: 56 Resp: 34023
Ion Ratio Lower Upper
56 100
55 2197.7 59.0 88.6#



#14
Allyl chloride
Concen: 26.877 ug/l
RT: 4.476 min Scan# 452
Delta R.T. 0.092 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 41 Resp: 55716
Ion Ratio Lower Upper
41 100
39 98.7 60.0 90.0#
76 0.0 29.0 43.6#

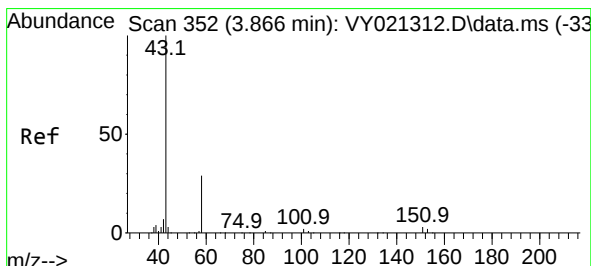
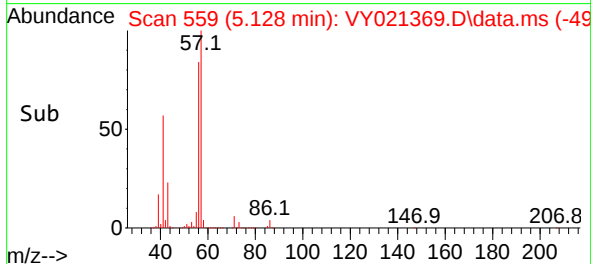
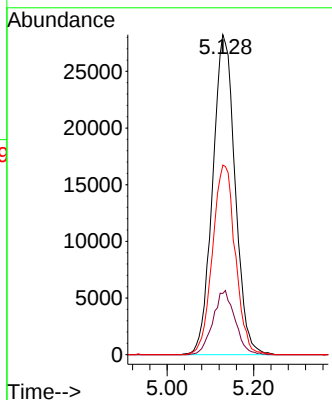
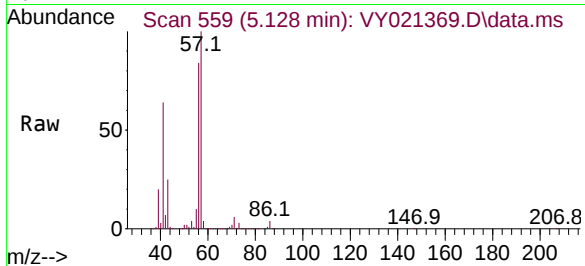




#15
Acrylonitrile
Concen: 363.433 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.073 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

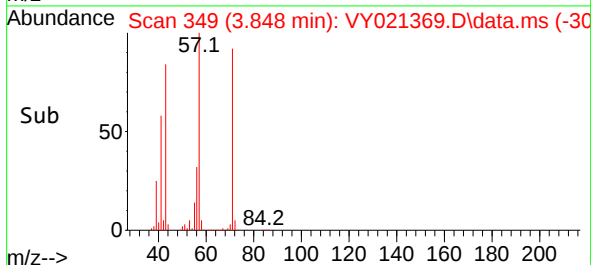
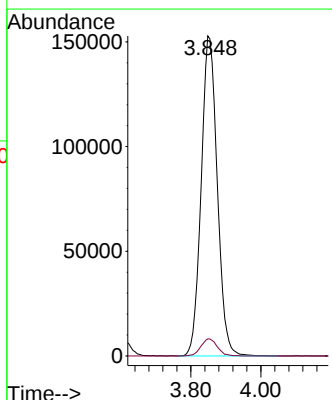
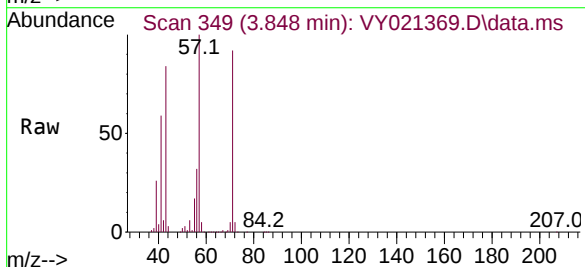
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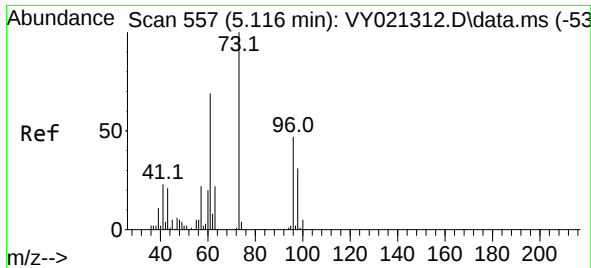
Tgt Ion: 53 Resp: 101719
Ion Ratio Lower Upper
53 100
52 19.7 65.5 98.3#
51 60.1 30.6 46.0#



#16
Acetone
Concen: 1930.618 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.018 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 43 Resp: 488183
Ion Ratio Lower Upper
43 100
58 5.4 23.5 35.3#

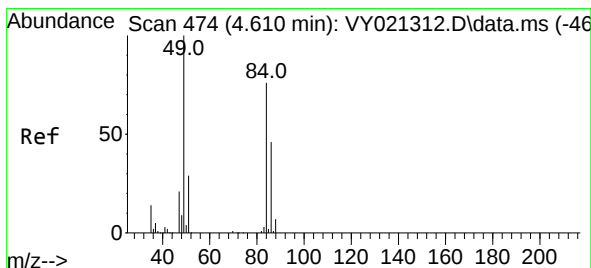
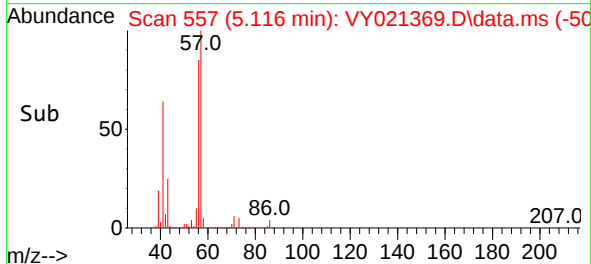
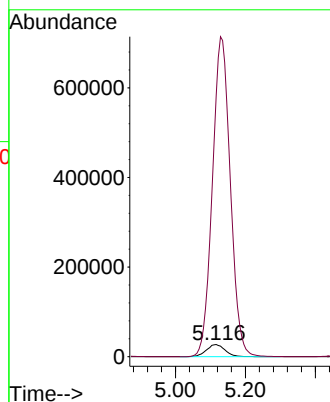
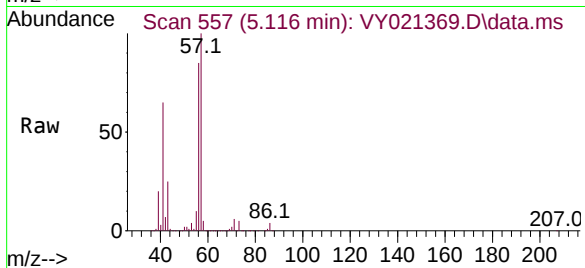




#19
Methyl tert-butyl Ether
Concen: 32.507 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

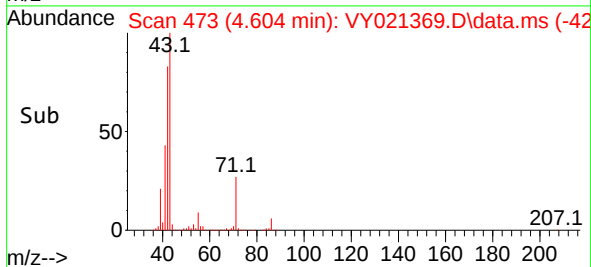
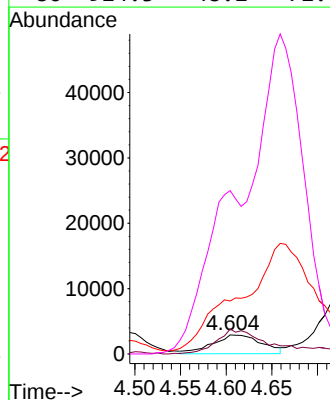
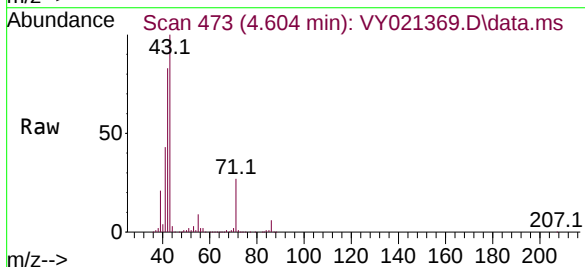
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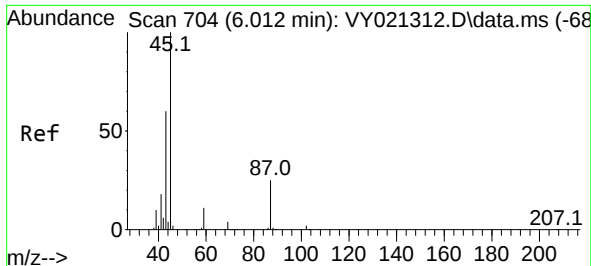
Tgt Ion: 73 Resp: 100419
Ion Ratio Lower Upper
73 100
57 2136.5 17.4 26.0#



#20
Methylene Chloride
Concen: 7.827 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 84 Resp: 10702
Ion Ratio Lower Upper
84 100
49 151.6 105.1 157.7
51 293.6 31.0 46.4#
86 924.3 48.2 72.4#

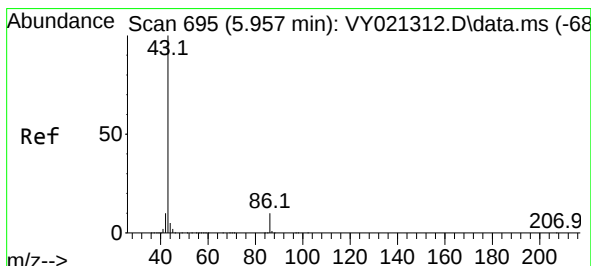
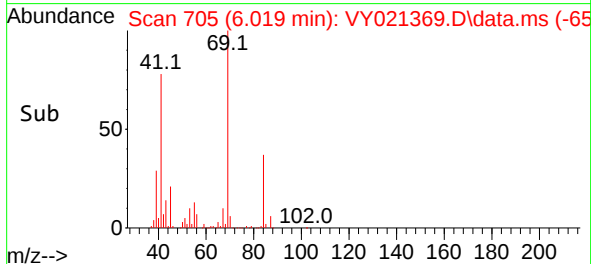
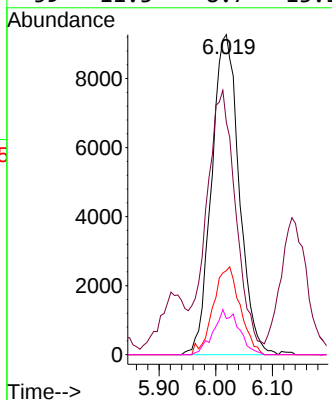
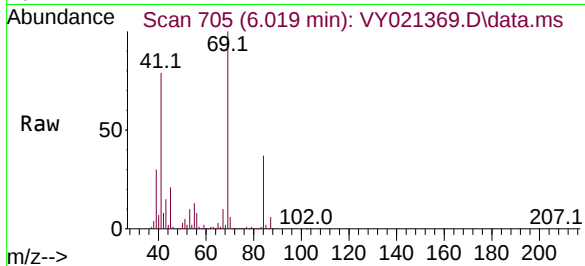




#22
Diisopropyl ether
Concen: 7.281 ug/l
RT: 6.019 min Scan# 704
Delta R.T. 0.006 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

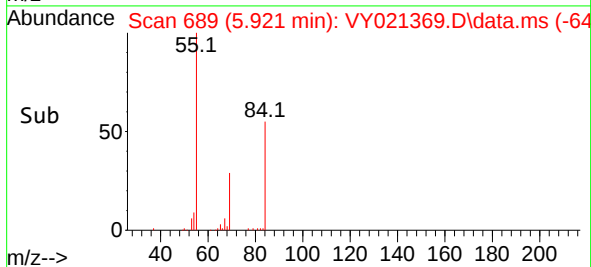
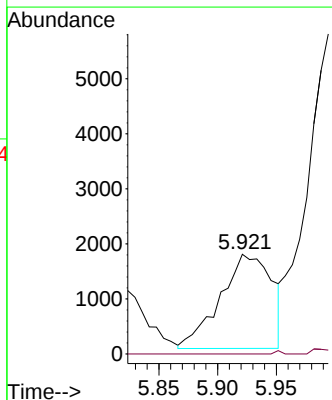
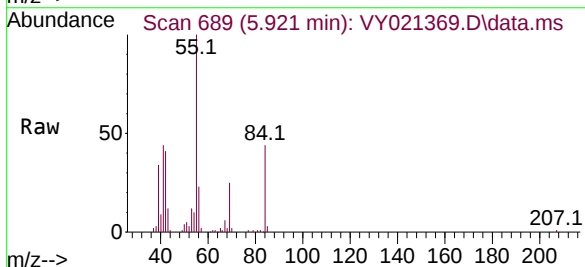
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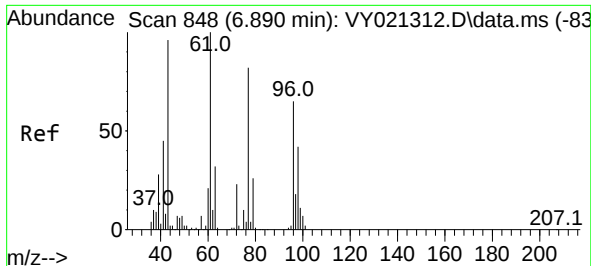
Tgt Ion: 45	Resp: 31233
Ion Ratio	Lower Upper
45	100
43	53.9 48.2 72.4
87	26.3 20.3 30.5
59	11.3 8.7 13.1



#23
Vinyl Acetate
Concen: 2.046 ug/l
RT: 5.921 min Scan# 689
Delta R.T. -0.036 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 43	Resp: 5245
Ion Ratio	Lower Upper
43	100
86	0.0 8.0 12.0#

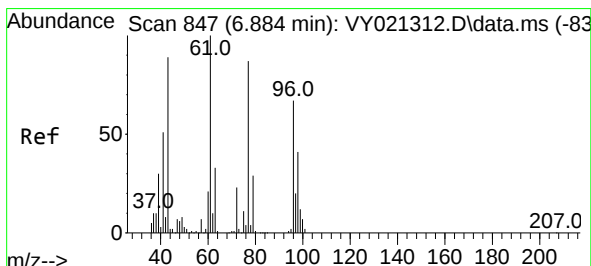
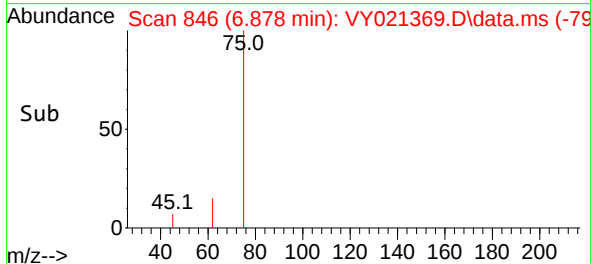
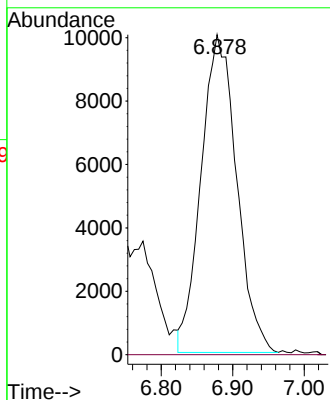
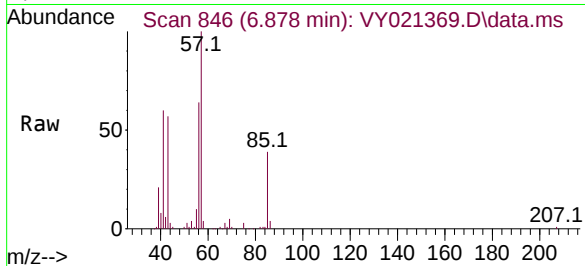




#25
2-Butanone
Concen: 90.567 ug/l
RT: 6.878 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

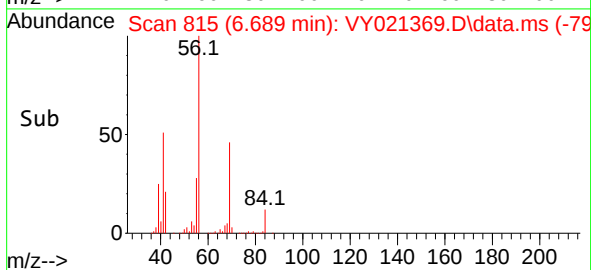
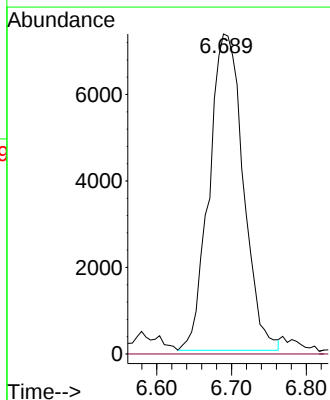
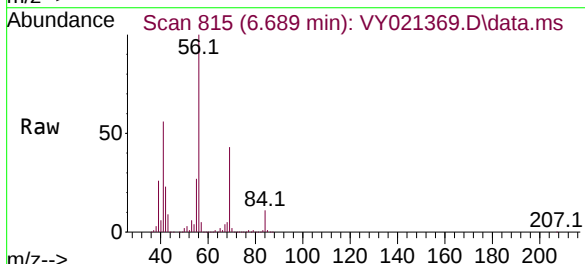
Instrument :
MSVOA_Y
ClientSampleId :
P3

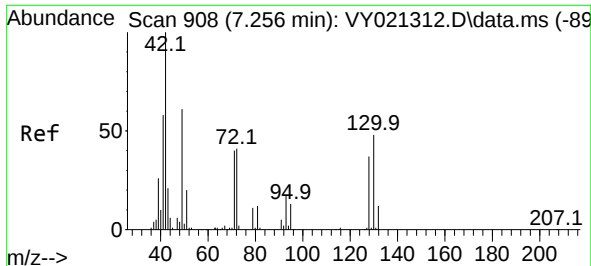
Tgt Ion: 43 Resp: 34563
Ion Ratio Lower Upper
43 100
72 0.0 19.0 28.6#



#26
2,2-Dichloropropane
Concen: 10.591 ug/l
RT: 6.689 min Scan# 815
Delta R.T. -0.195 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 77 Resp: 23234
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.7#





#29

Tetrahydrofuran

Concen: 21.226 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY021369.D

Acq: 27 Feb 2025 19:29

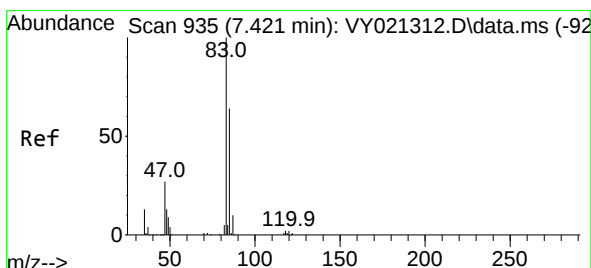
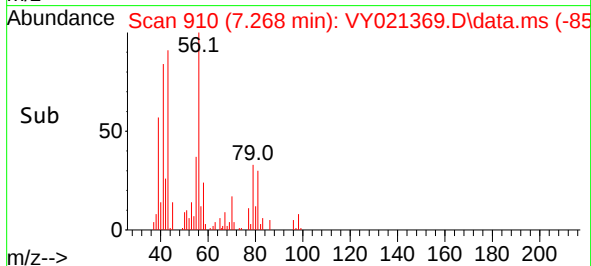
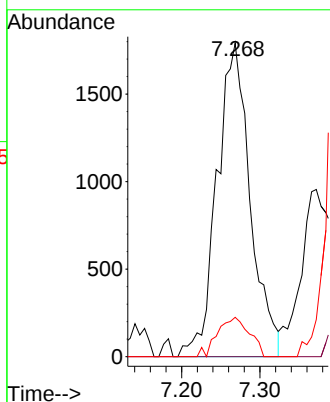
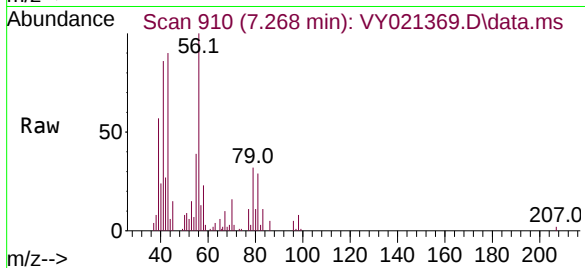
Instrument :

MSVOA_Y

ClientSampleId :

P3

Tgt Ion:	42	Resp:	5295
Ion Ratio	Lower	Upper	
42	100		
72	0.0	33.1	49.7#
71	0.0	31.4	47.0#



#30

Chloroform

Concen: 1.966 ug/l

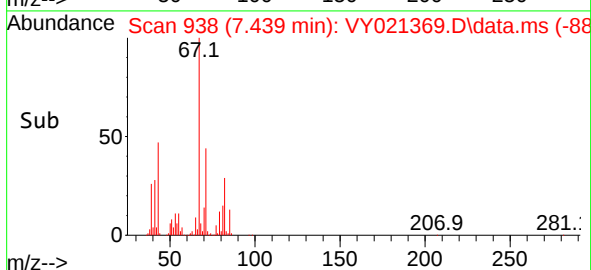
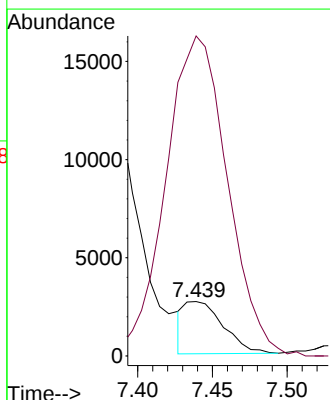
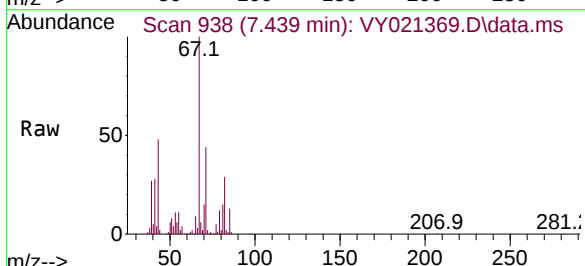
RT: 7.439 min Scan# 938

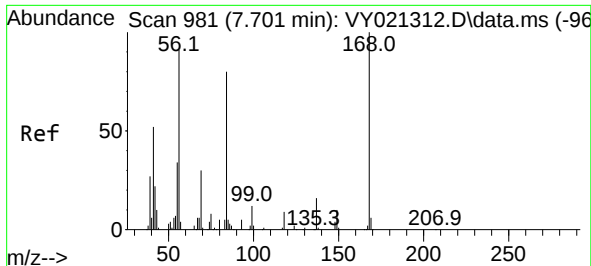
Delta R.T. 0.018 min

Lab File: VY021369.D

Acq: 27 Feb 2025 19:29

Tgt Ion:	83	Resp:	4817
Ion Ratio	Lower	Upper	
83	100		
85	603.6	51.6	77.4#

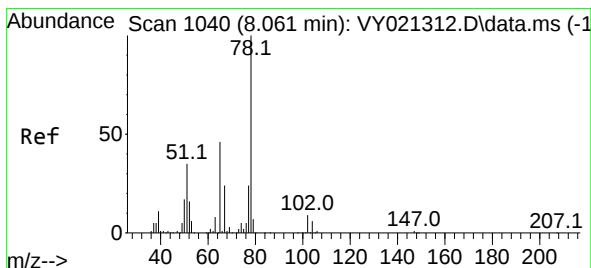
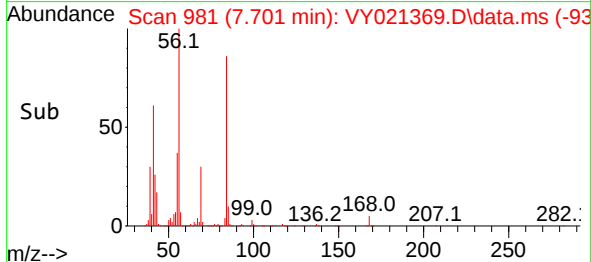
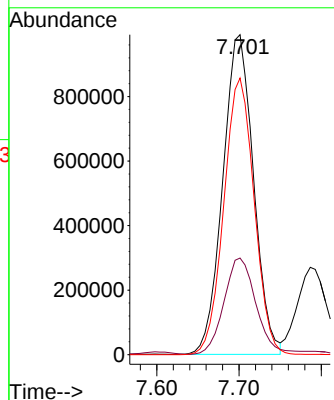
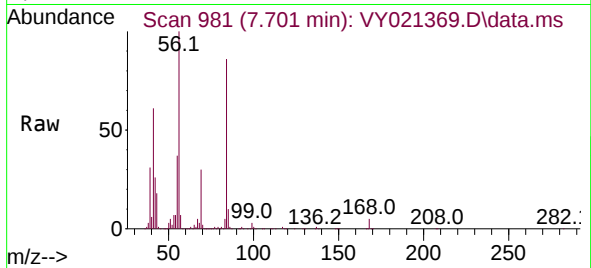




#31
Cyclohexane
Concen: 1109.012 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

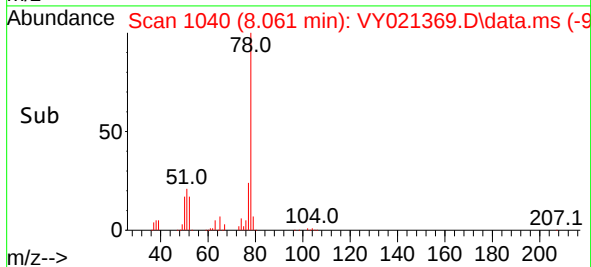
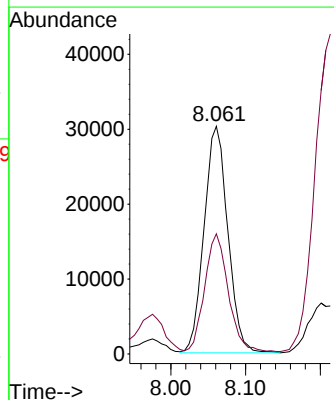
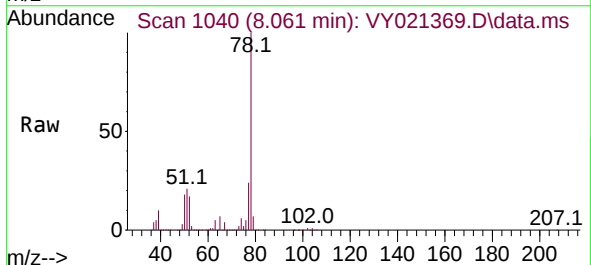
Instrument :
MSVOA_Y
ClientSampleId :
P3

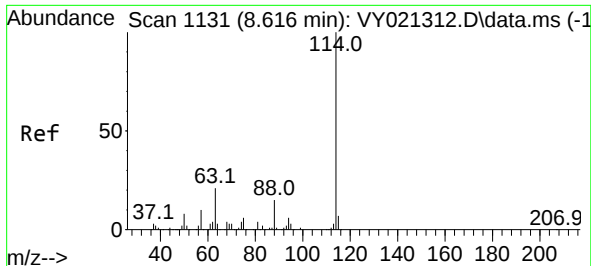
Tgt Ion: 56 Resp: 2577430
Ion Ratio Lower Upper
56 100
69 30.0 26.2 39.4
84 86.5 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 50.658 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 65 Resp: 66778
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.6

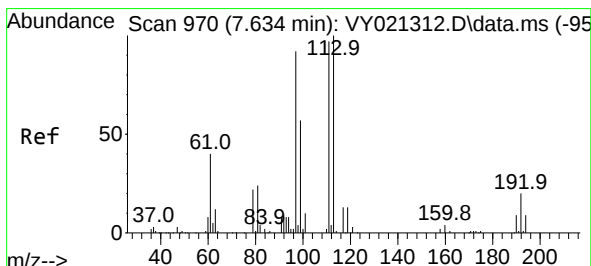
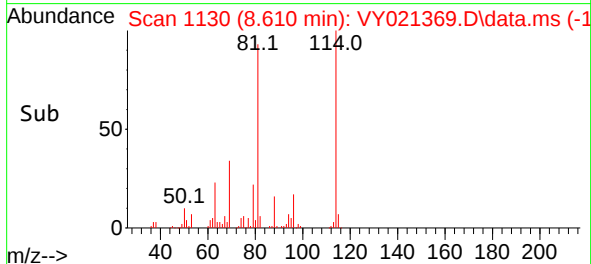
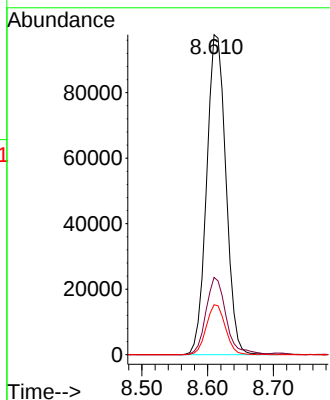
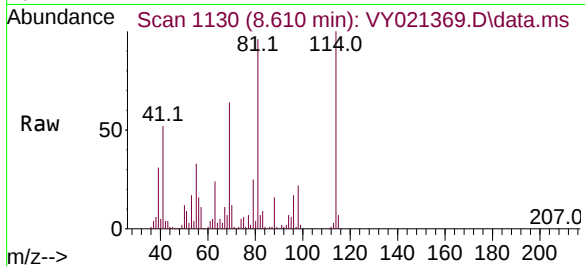




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

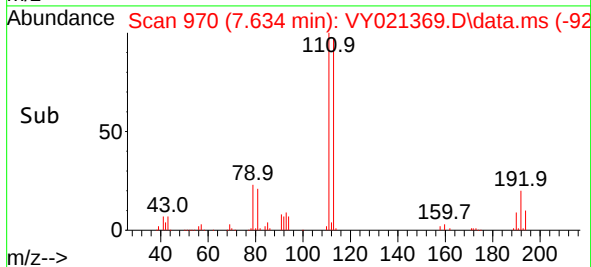
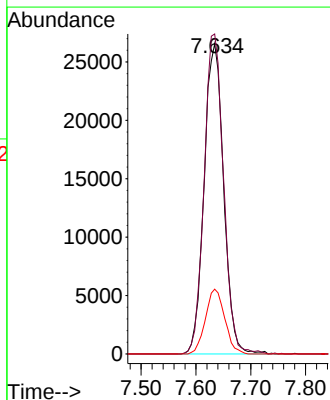
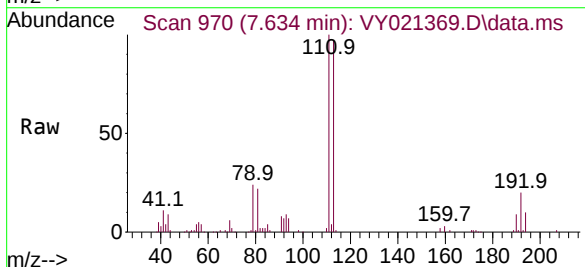
Instrument :
MSVOA_Y
ClientSampleId :
P3

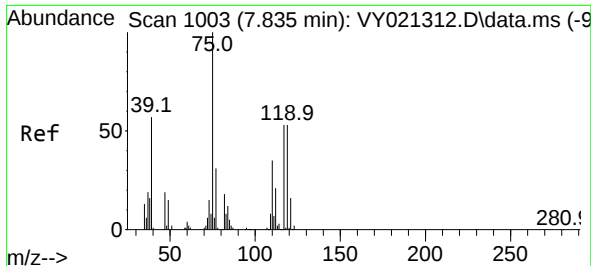
Tgt Ion:	114	Resp:	199239
Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	42.2
88	15.6	0.0	29.8



#35
Dibromofluoromethane
Concen: 50.206 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion:	113	Resp:	65580
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.6
192	20.7	15.8	23.8





#36

1,1-Dichloropropene

Concen: 6.138 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY021369.D

Acq: 27 Feb 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

P3

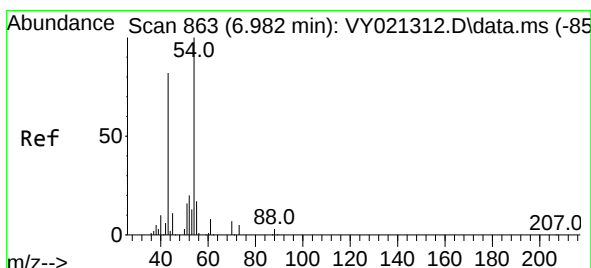
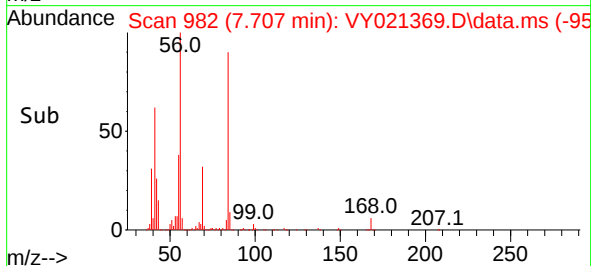
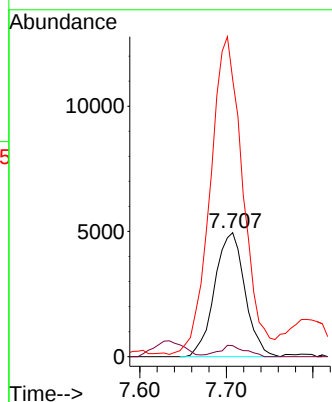
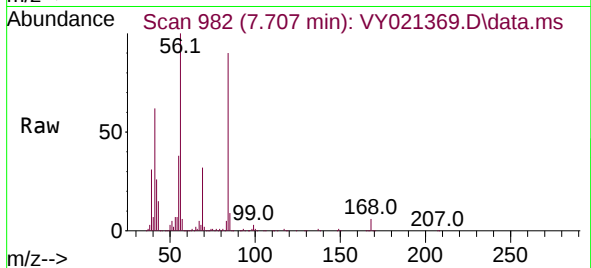
Tgt Ion: 75 Resp: 12044

Ion Ratio Lower Upper

75 100

110 8.0 16.9 50.7#

77 275.2 24.6 36.8#



#37

Ethyl Acetate

Concen: 35.413 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.103 min

Lab File: VY021369.D

Acq: 27 Feb 2025 19:29

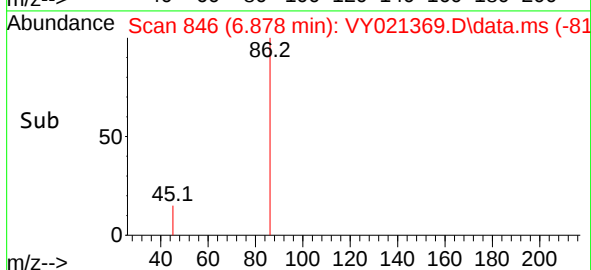
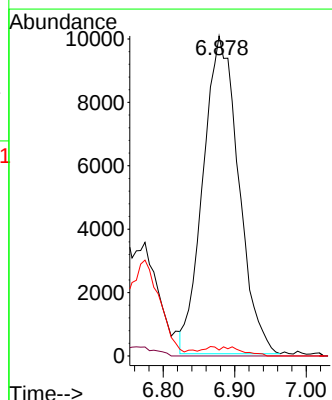
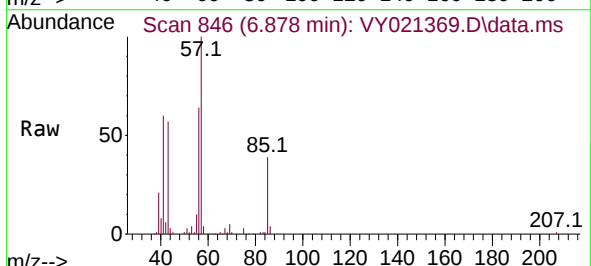
Tgt Ion: 43 Resp: 34563

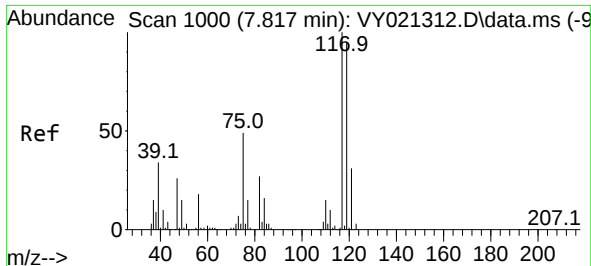
Ion Ratio Lower Upper

43 100

61 0.0 10.4 15.6#

70 0.0 7.5 11.3#

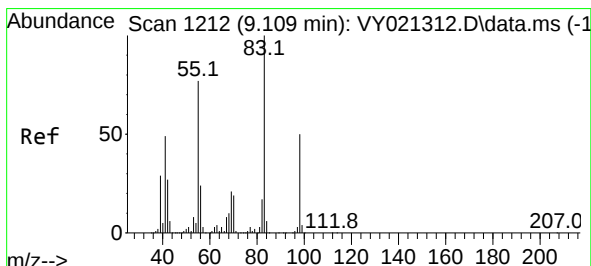
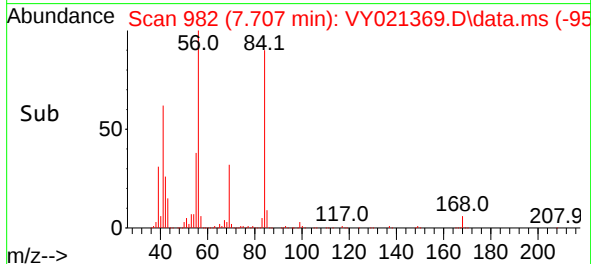
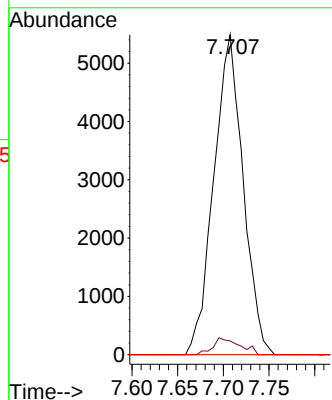
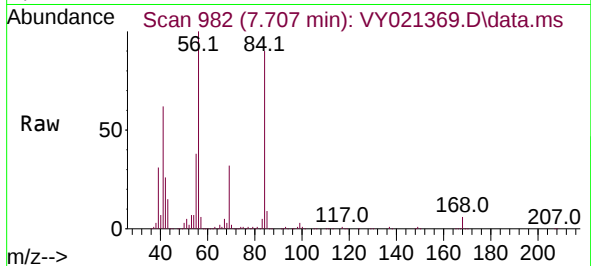




#38
Carbon Tetrachloride
Concen: 5.552 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

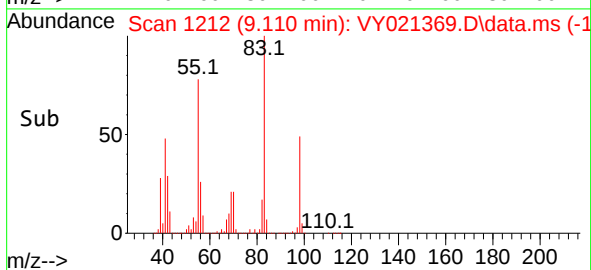
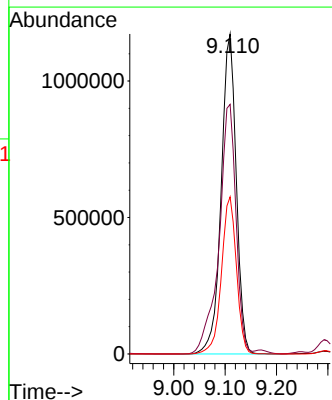
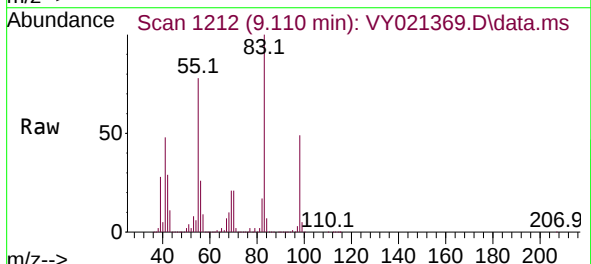
Instrument :
MSVOA_Y
ClientSampleId :
P3

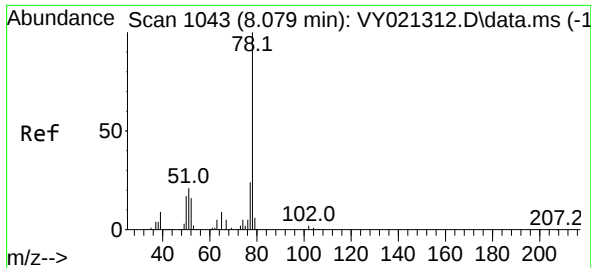
Tgt Ion:117 Resp: 12247
Ion Ratio Lower Upper
117 100
119 4.3 76.0 114.0#
121 0.0 24.9 37.3#



#39
Methylcyclohexane
Concen: 961.158 ug/l
RT: 9.110 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 83 Resp: 2385301
Ion Ratio Lower Upper
83 100
55 78.0 61.3 91.9
98 49.1 39.9 59.9

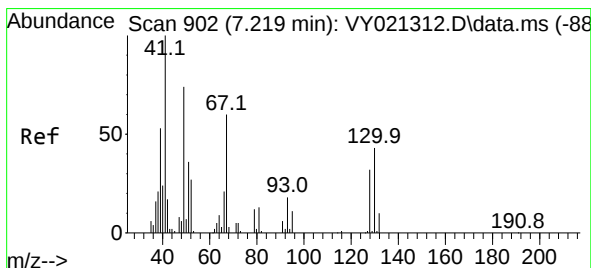
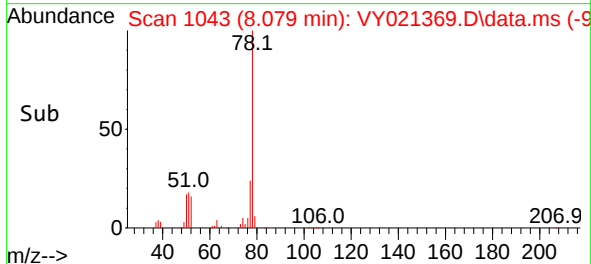
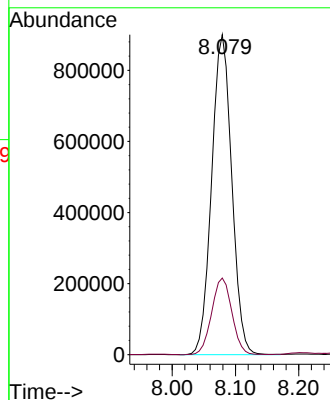
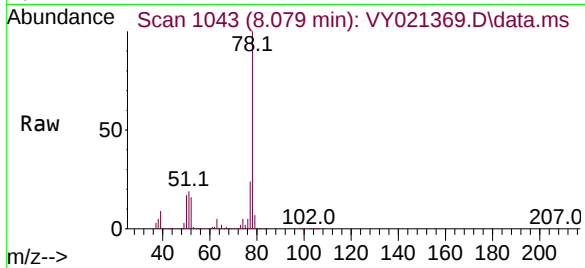




#40
Benzene
Concen: 342.443 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

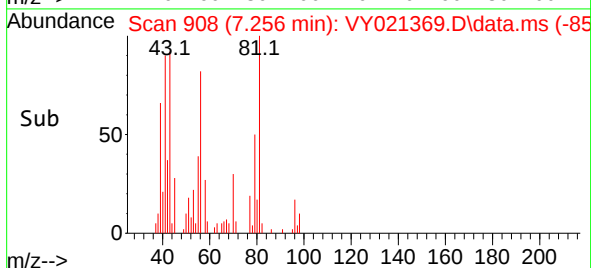
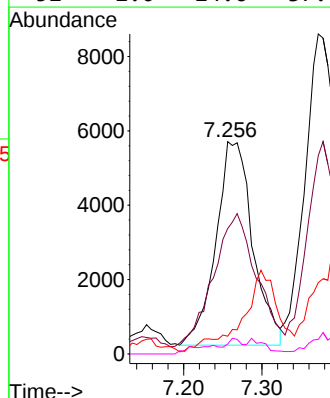
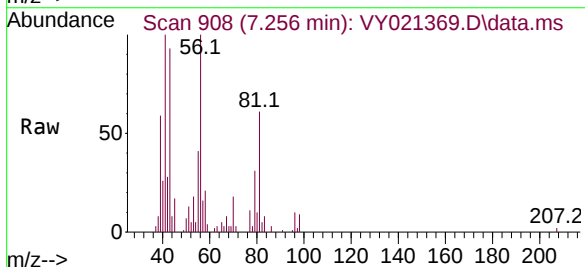
Instrument :
MSVOA_Y
ClientSampleId :
P3

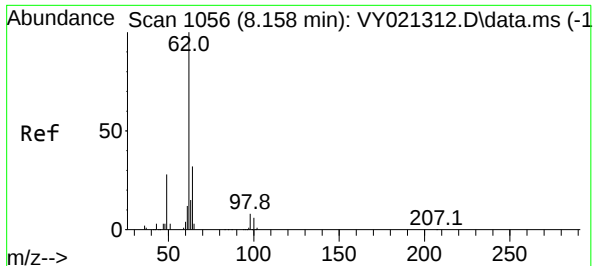
Tgt Ion: 78 Resp: 1986204
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8



#41
Methacrylonitrile
Concen: 32.806 ug/l
RT: 7.256 min Scan# 908
Delta R.T. 0.037 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 41 Resp: 17902
Ion Ratio Lower Upper
41 100
39 76.5 42.3 63.5#
67 0.0 54.8 82.2#
52 2.0 24.6 37.0#





#42

1,2-Dichloroethane

Concen: 2.230 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.037 min

Lab File: VY021369.D

Acq: 27 Feb 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

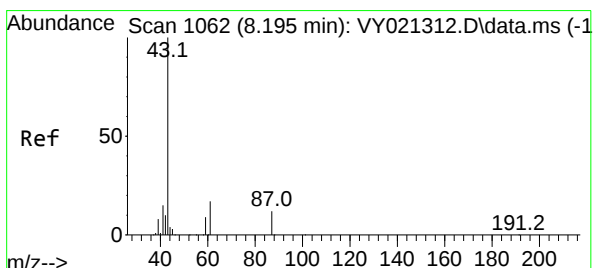
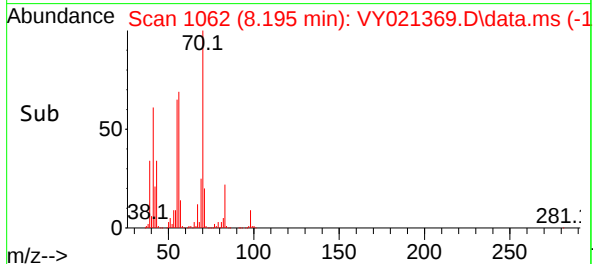
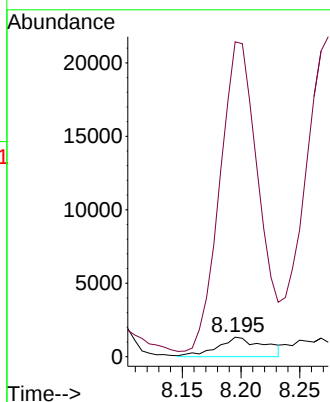
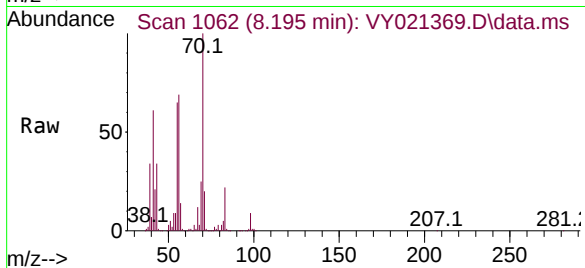
P3

Tgt Ion: 62 Resp: 3670

Ion Ratio Lower Upper

62 100

98 1310.7 0.0 17.6#



#43

Isopropyl Acetate

Concen: 120.797 ug/l

RT: 8.189 min Scan# 1061

Delta R.T. -0.006 min

Lab File: VY021369.D

Acq: 27 Feb 2025 19:29

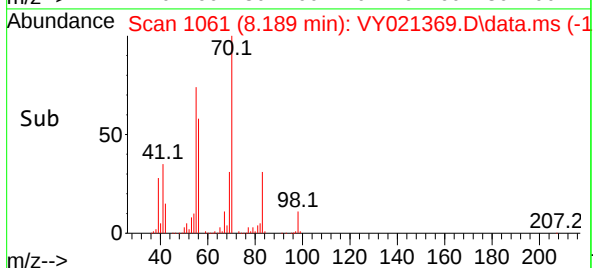
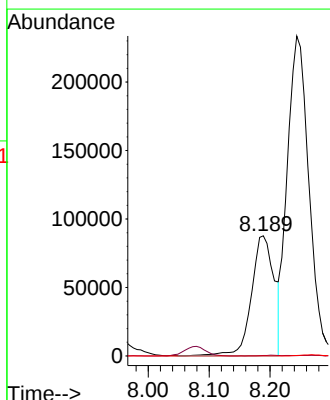
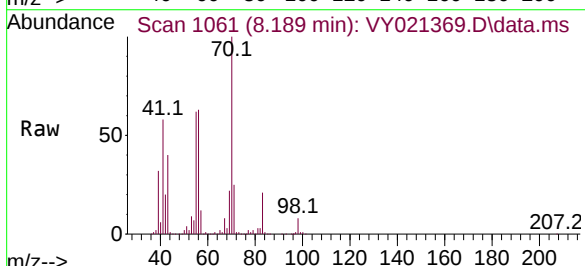
Tgt Ion: 43 Resp: 228202

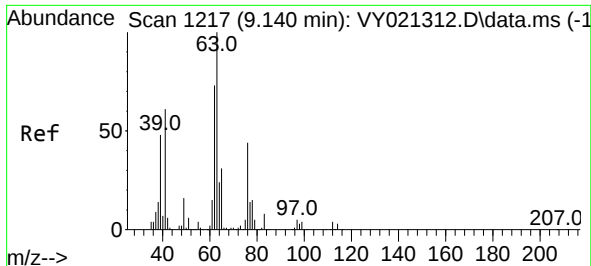
Ion Ratio Lower Upper

43 100

61 0.6 15.0 22.6#

87 0.0 10.0 15.0#





#45

1,2-Dichloropropane

Concen: 20.365 ug/l

RT: 9.110 min Scan# 11

Delta R.T. -0.030 min

Lab File: VY021369.D

Acq: 27 Feb 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

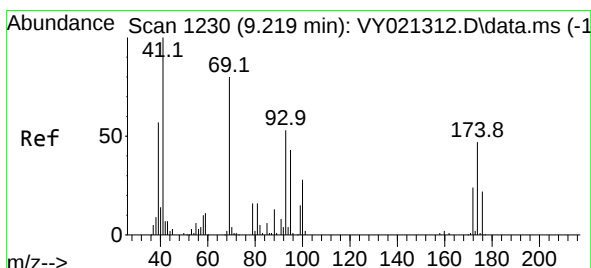
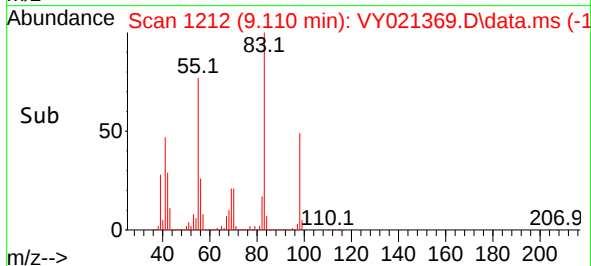
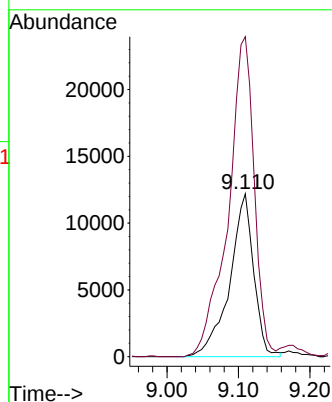
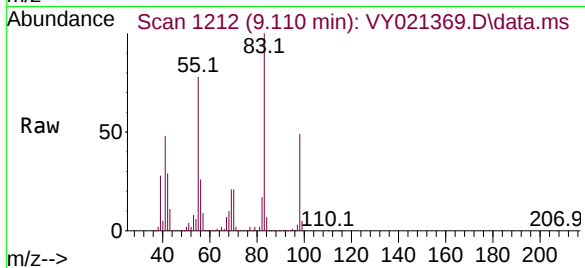
P3

Tgt Ion: 63 Resp: 28426

Ion Ratio Lower Upper

63 100

65 196.5 24.6 36.8#



#48

Methyl methacrylate

Concen: 58.867 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.025 min

Lab File: VY021369.D

Acq: 27 Feb 2025 19:29

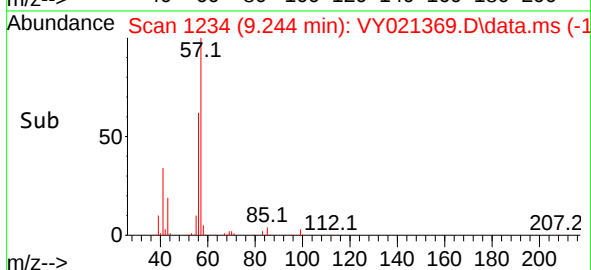
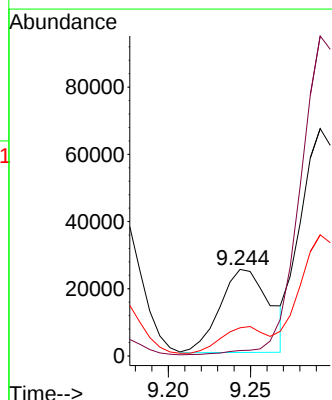
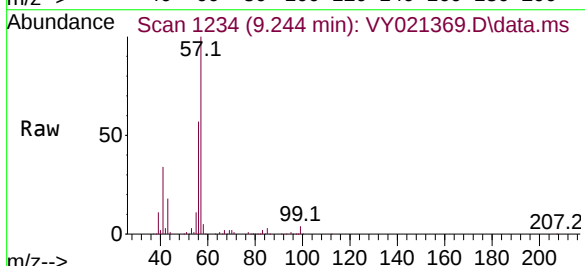
Tgt Ion: 41 Resp: 52004

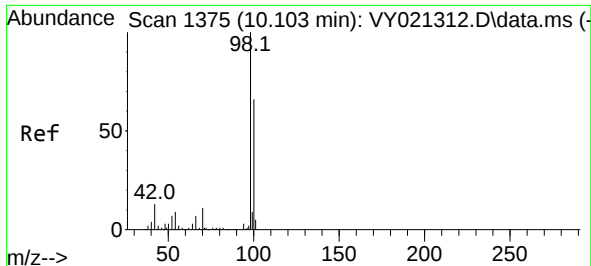
Ion Ratio Lower Upper

41 100

69 0.0 63.3 94.9#

39 0.0 45.0 67.6#

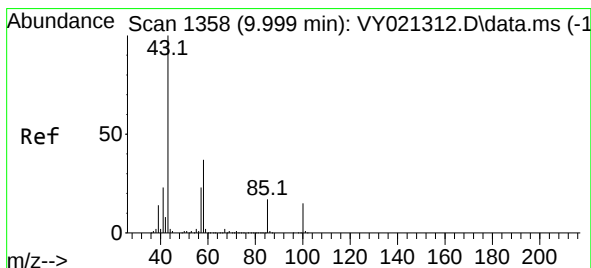
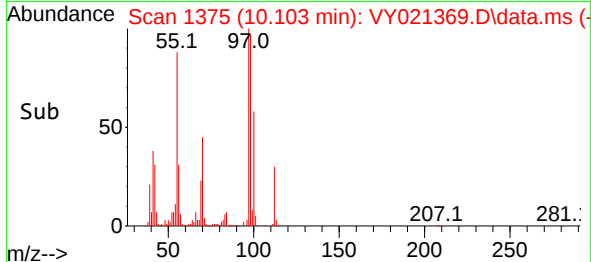
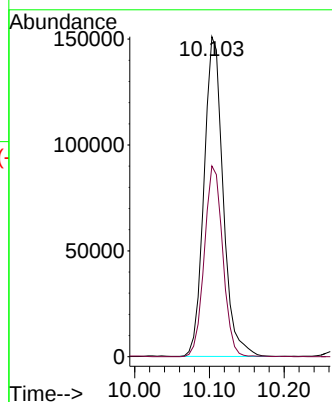
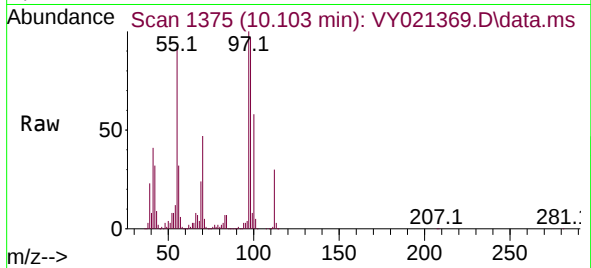




#50
Toluene-d8
Concen: 53.124 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

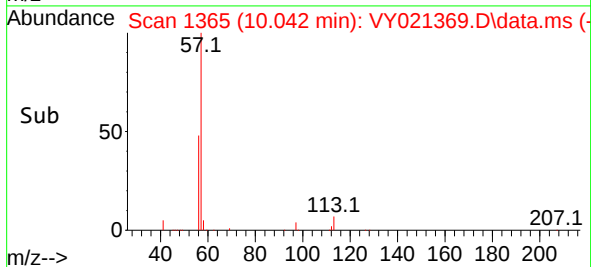
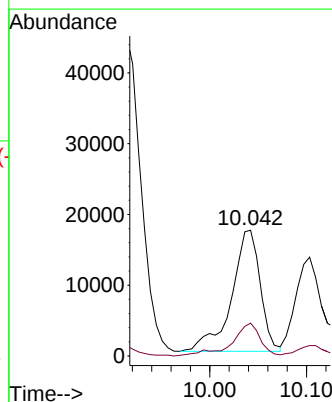
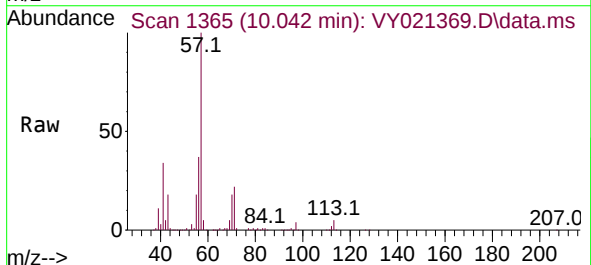
Instrument :
MSVOA_Y
ClientSampleId :
P3

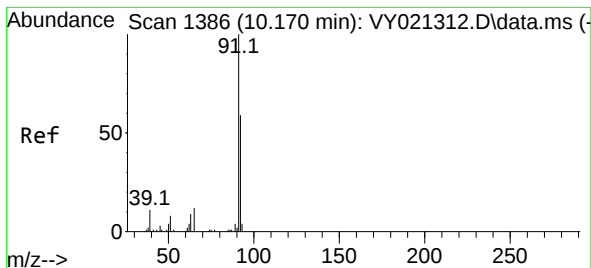
Tgt Ion: 98 Resp: 268179
Ion Ratio Lower Upper
98 100
100 57.4 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 36.596 ug/l
RT: 10.042 min Scan# 1365
Delta R.T. 0.043 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 43 Resp: 35390
Ion Ratio Lower Upper
43 100
58 26.6 30.1 45.1#





#52

Toluene

Concen: 9.446 ug/l

RT: 10.170 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021369.D

Acq: 27 Feb 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

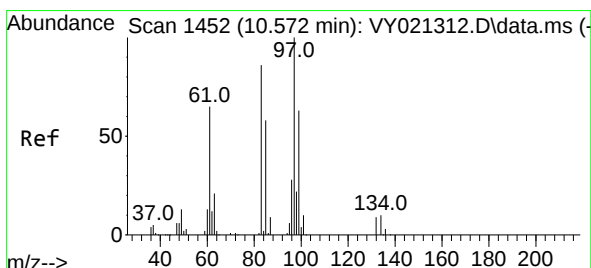
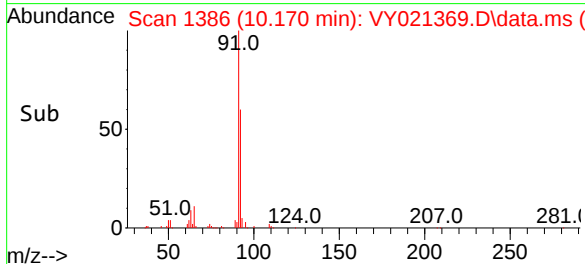
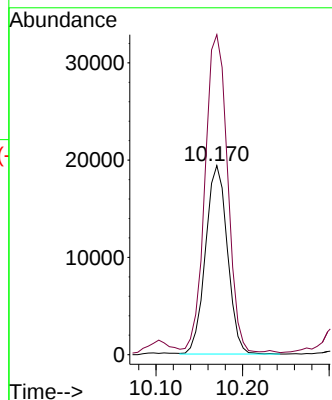
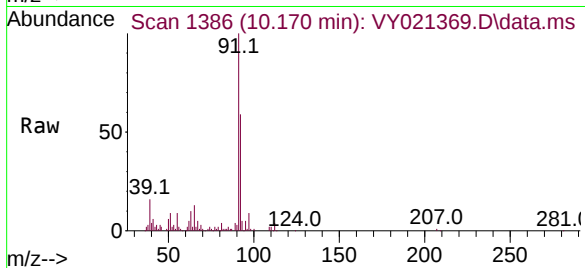
P3

Tgt Ion: 92 Resp: 34037

Ion Ratio Lower Upper

92 100

91 175.4 137.8 206.8



#55

1,1,2-Trichloroethane

Concen: 157.530 ug/l

RT: 10.542 min Scan# 1447

Delta R.T. -0.030 min

Lab File: VY021369.D

Acq: 27 Feb 2025 19:29

Tgt Ion: 97 Resp: 156577

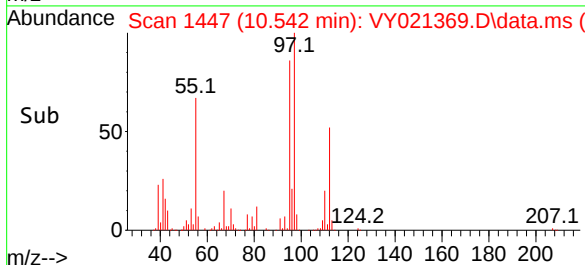
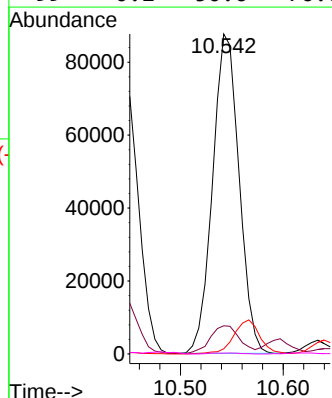
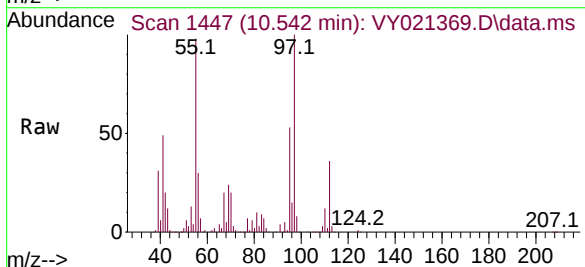
Ion Ratio Lower Upper

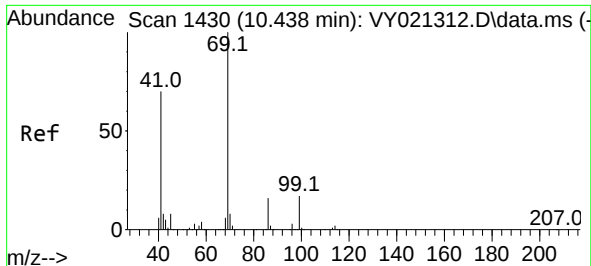
97 100

83 8.7 68.7 103.1#

85 1.6 46.3 69.5#

99 0.2 50.6 76.0#

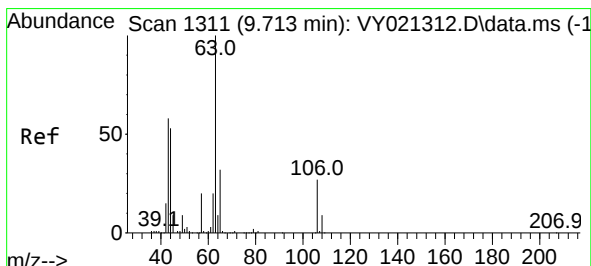
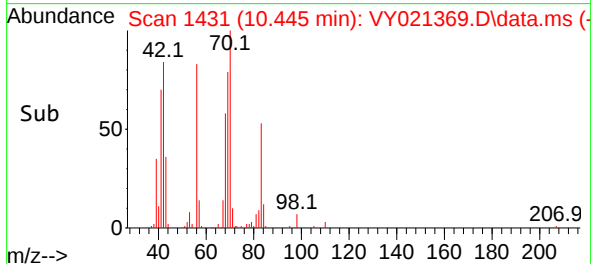
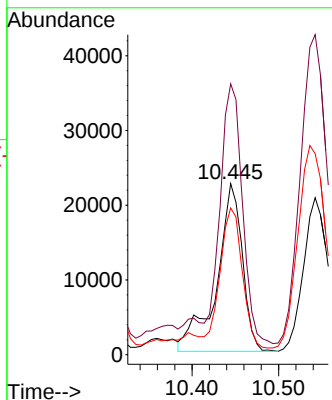
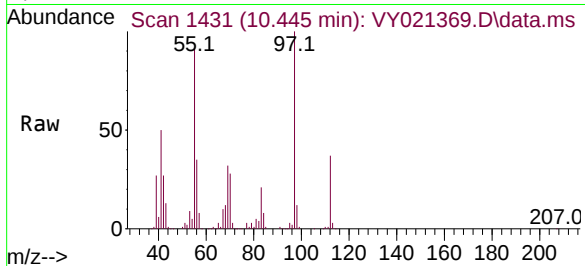




#56
Ethyl methacrylate
Concen: 33.774 ug/l
RT: 10.445 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

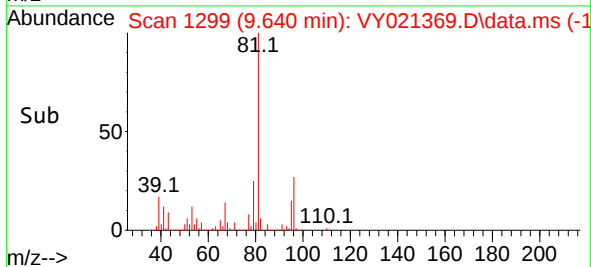
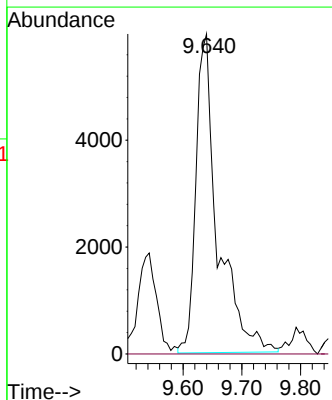
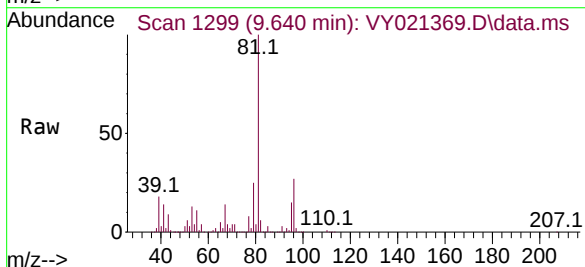
Instrument :
MSVOA_Y
ClientSampleId :
P3

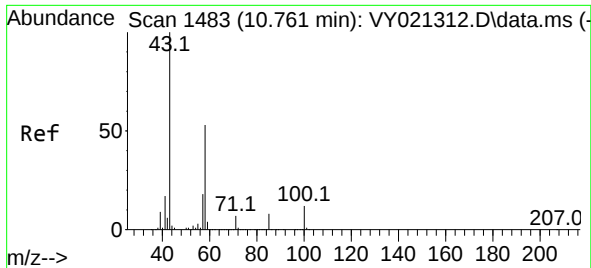
Tgt Ion: 69 Resp: 46385
Ion Ratio Lower Upper
69 100
41 137.9 56.2 84.4#
39 72.6 32.7 49.1#



#58
2-Chloroethyl Vinyl ether
Concen: 23.270 ug/l
RT: 9.640 min Scan# 1299
Delta R.T. -0.073 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 63 Resp: 15340
Ion Ratio Lower Upper
63 100
106 0.0 21.7 32.5#

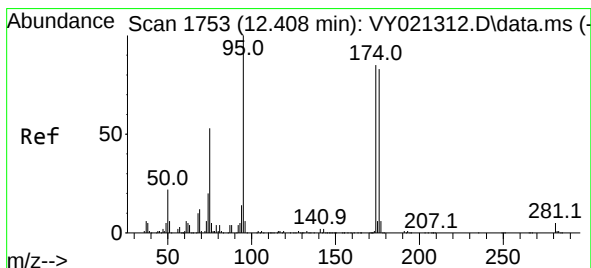
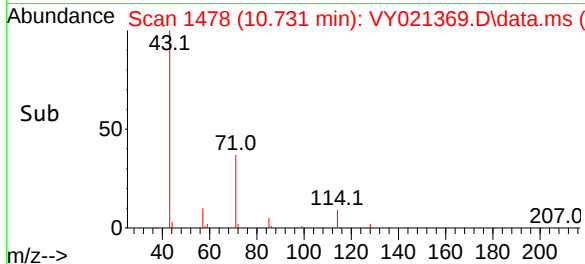
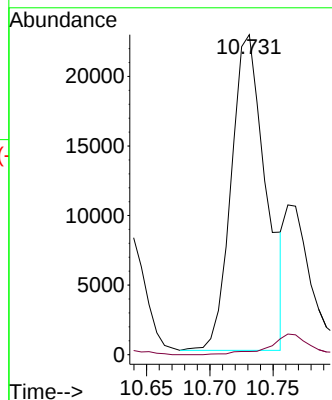
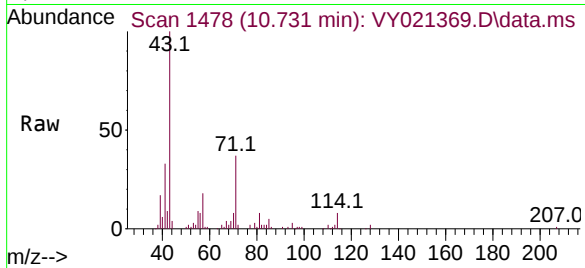




#59
2-Hexanone
Concen: 68.133 ug/l
RT: 10.731 min Scan# 1483
Delta R.T. -0.030 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

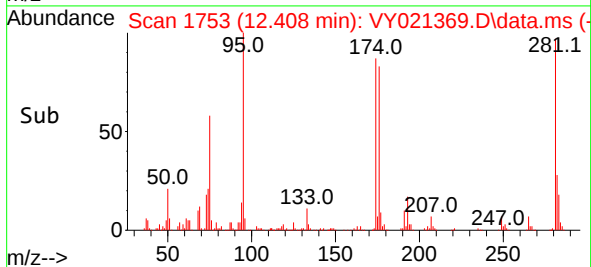
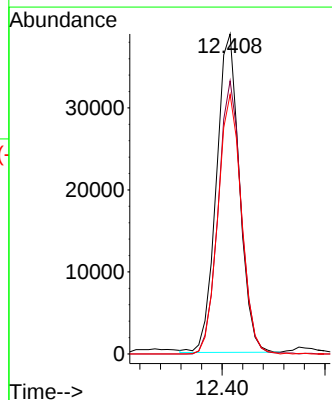
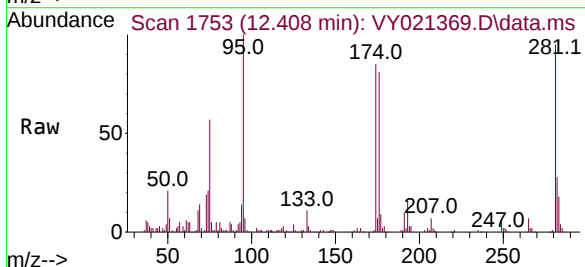
Instrument :
MSVOA_Y
ClientSampleId :
P3

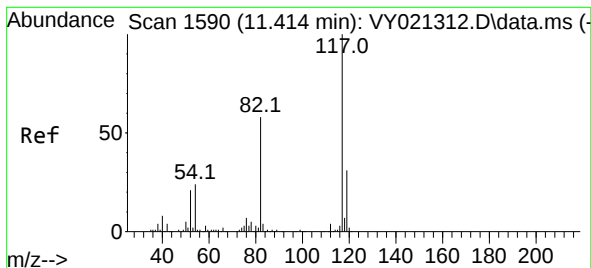
Tgt Ion: 43 Resp: 43271
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.6#



#62
4-Bromofluorobenzene
Concen: 35.529 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 95 Resp: 60362
Ion Ratio Lower Upper
95 100
174 85.5 0.0 168.0
176 83.3 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021369.D

Acq: 27 Feb 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

P3

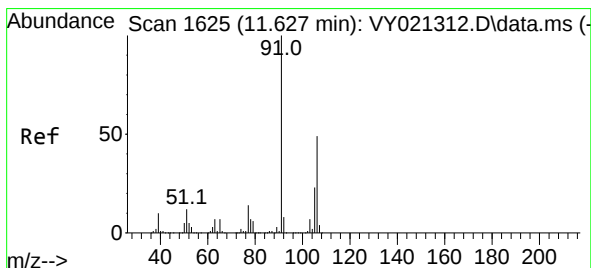
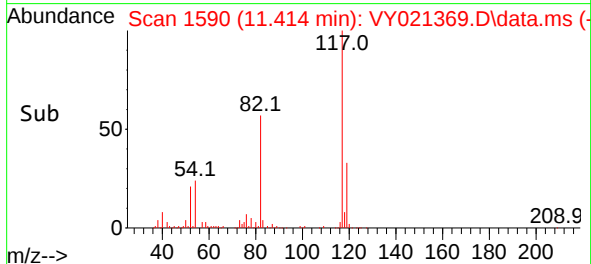
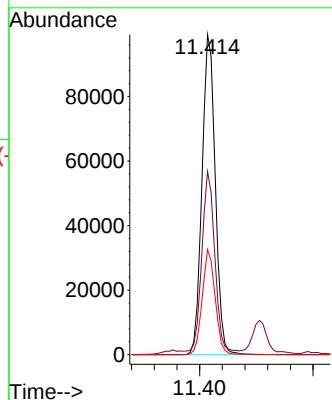
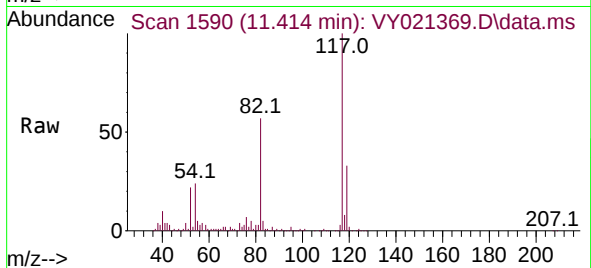
Tgt Ion:117 Resp: 161221

Ion Ratio Lower Upper

117 100

82 56.3 46.2 69.4

119 32.9 24.9 37.3



#68

m/p-Xylenes

Concen: 2.403 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY021369.D

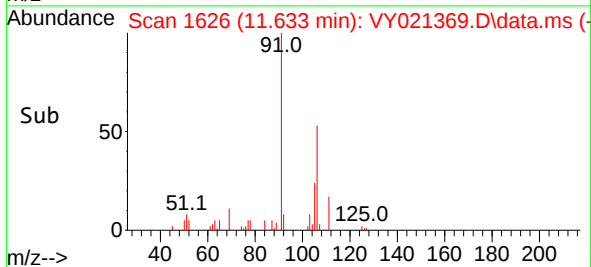
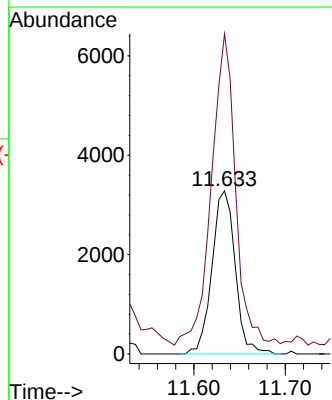
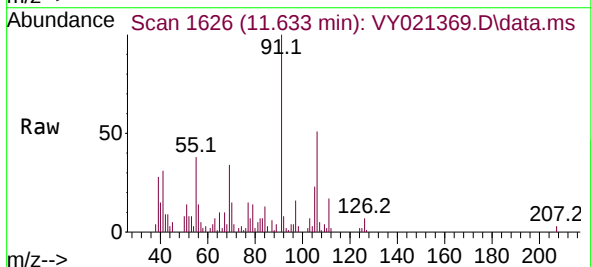
Acq: 27 Feb 2025 19:29

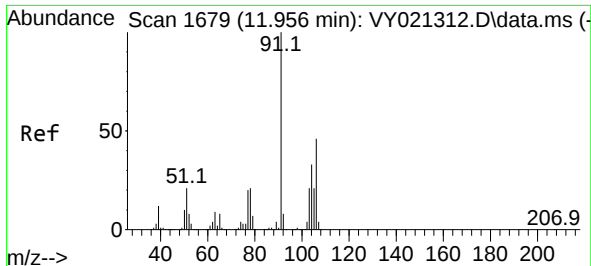
Tgt Ion:106 Resp: 5793

Ion Ratio Lower Upper

106 100

91 198.2 163.9 245.9

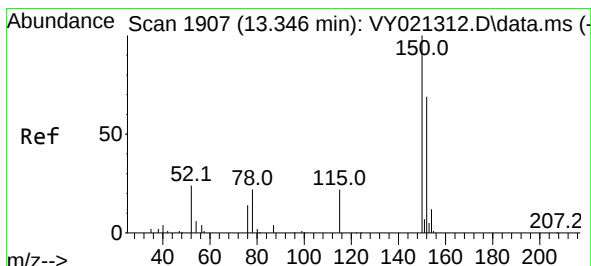
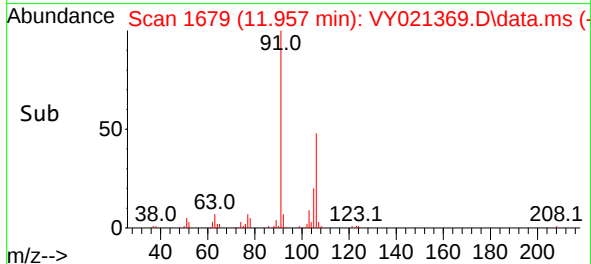
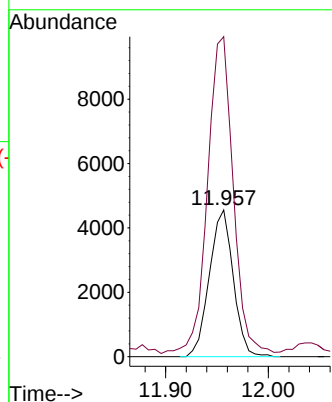
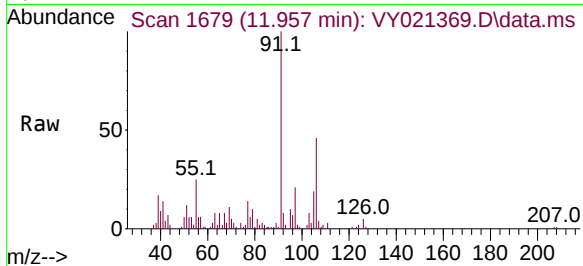




#69
o-Xylene
Concen: 3.262 ug/l
RT: 11.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

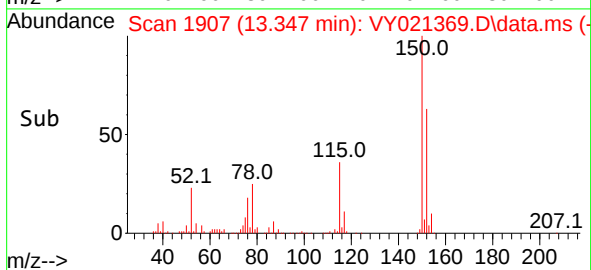
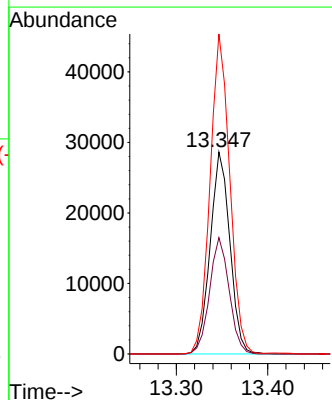
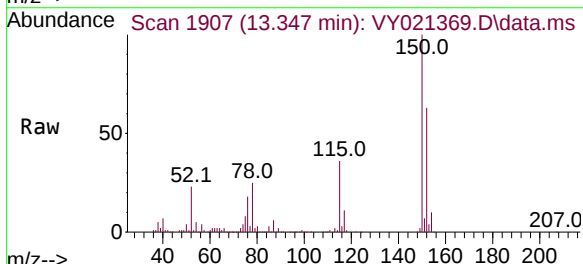
Instrument :
MSVOA_Y
ClientSampleId :
P3

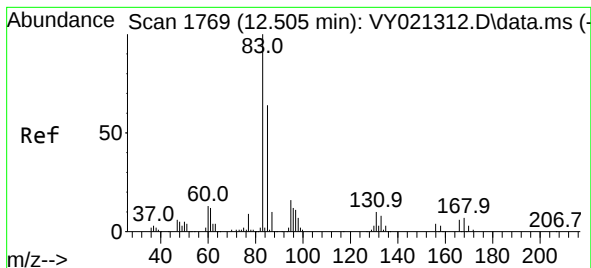
Tgt Ion:106 Resp: 7367
Ion Ratio Lower Upper
106 100
91 230.9 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion:152 Resp: 42795
Ion Ratio Lower Upper
152 100
115 57.3 29.3 88.0
150 158.4 0.0 347.4





#75

1,1,2,2-Tetrachloroethane

Concen: 1.520 ug/l

RT: 12.566 min Scan# 11

Delta R.T. 0.061 min

Lab File: VY021369.D

Acq: 27 Feb 2025 19:29

Instrument :

MSVOA_Y

ClientSampleId :

P3

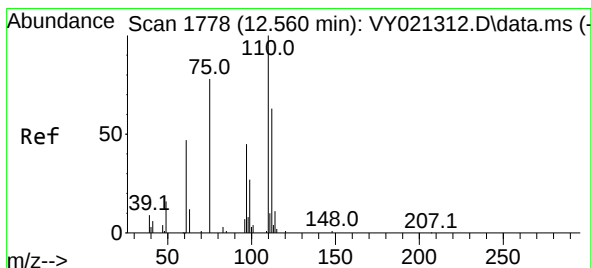
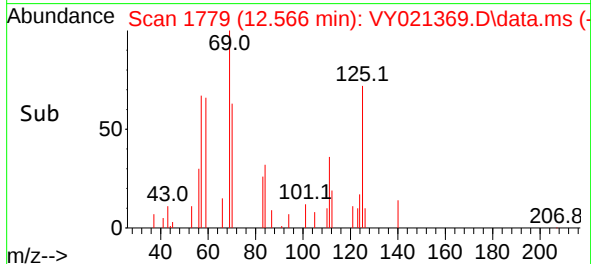
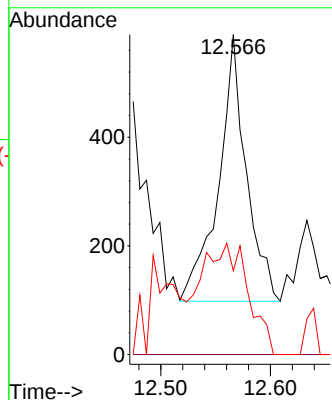
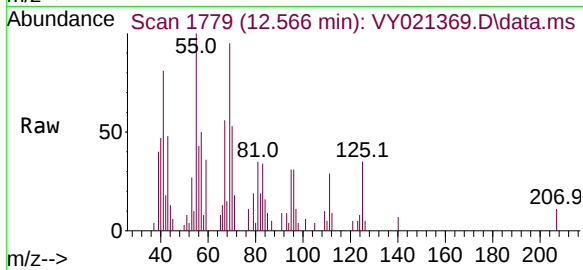
Tgt Ion: 83 Resp: 863

Ion Ratio Lower Upper

83 100

131 0.0 5.2 15.6#

85 70.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 83.510 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY021369.D

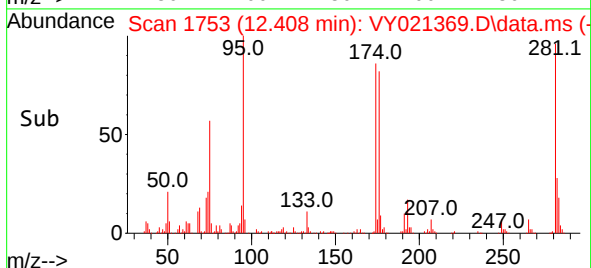
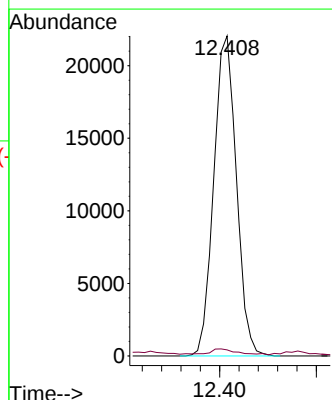
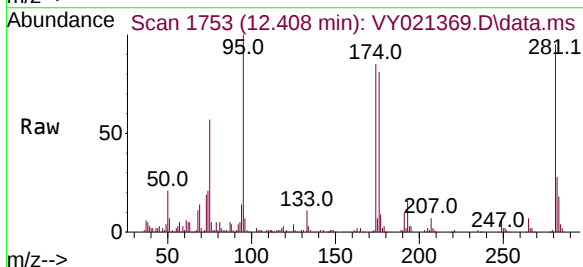
Acq: 27 Feb 2025 19:29

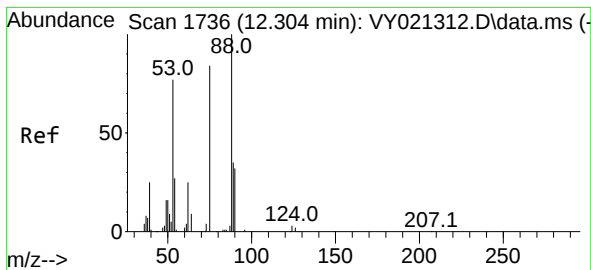
Tgt Ion: 75 Resp: 35772

Ion Ratio Lower Upper

75 100

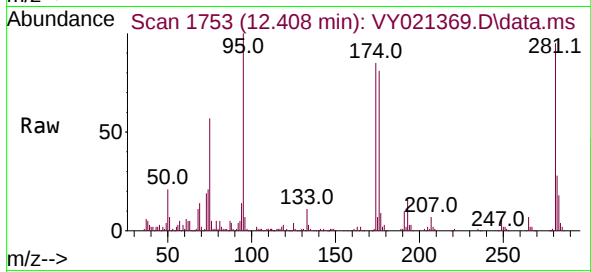
77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 185.613 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021369.D
 Acq: 27 Feb 2025 19:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 P3



Tgt Ion: 75 Resp: 35772
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.1 118.7#
 89 1.7 35.6 53.4#

