

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050125\
 Data File : VY022114.D
 Acq On : 01 May 2025 18:00
 Operator : SY/MD
 Sample : Q1914-09
 Misc : 7.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-8

Quant Time: May 02 01:32:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	521018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	814848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	583005	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	511573	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	177553	36.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	73.780%
35) Dibromofluoromethane	7.634	113	259836	48.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.540%
50) Toluene-d8	10.109	98	2107268	103.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	207.660%#
62) 4-Bromofluorobenzene	12.408	95	1528236	223.683	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	447.360%#

Target Compounds				Qvalue		
15) Acrylonitrile	5.135	53	18325	18.774	ug/l #	40
16) Acetone	3.860	43	18076	8.021	ug/l #	60
20) Methylene Chloride	4.616	84	21583	3.547	ug/l #	77
25) 2-Butanone	6.909	43	8818	8.038	ug/l #	64
26) 2,2-Dichloropropane	6.695	77	14755	1.810	ug/l #	50
31) Cyclohexane	7.701	56	2519440	316.693	ug/l	95
36) 1,1-Dichloropropene	7.707	75	34702	4.799	ug/l #	18
37) Ethyl Acetate	6.909	43	8818	3.395	ug/l #	64
38) Carbon Tetrachloride	7.707	117	47716	5.522	ug/l #	16
39) Methylcyclohexane	9.116	83	12833286	1410.235	ug/l	94
40) Benzene	8.085	78	643784	28.480	ug/l	100
43) Isopropyl Acetate	8.195	43	249056	49.936	ug/l #	56
45) 1,2-Dichloropropane	9.109	63	117032	23.412	ug/l #	1
47) Bromodichloromethane	9.536	83	143952	18.414	ug/l #	43
48) Methyl methacrylate	9.177	41	213758	92.710	ug/l #	6
49) 1,4-Dioxane	9.116	88	258	7.735	ug/l #	1
51) 4-Methyl-2-Pentanone	9.896	43	4526338	1731.228	ug/l #	37
52) Toluene	10.176	92	13461118	919.969	ug/l #	75
53) t-1,3-Dichloropropene	10.310	75	7037	1.049	ug/l #	1
55) 1,1,2-Trichloroethane	10.554	97	7071836	1691.842	ug/l #	21
56) Ethyl methacrylate	10.457	69	1381151	288.941	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.695	63	2716	1.162	ug/l #	43
59) 2-Hexanone	10.743	43	5159199	2991.712	ug/l #	23
60) Dibromochloromethane	10.847	129	26352	4.554	ug/l	65
61) 1,2-Dibromoethane	11.030	107	5495	1.392	ug/l #	1
65) Chlorobenzene	11.329	112	345389	26.492	ug/l #	59
68) m/p-Xylenes	11.524	106	17102719	2015.267	ug/l #	1
70) Styrene	11.969	104	2231010	169.874	ug/l #	1
73) Isopropylbenzene	12.261	105	15536198	454.561	ug/l	91
74) N-amyl acetate	12.066	43	11812893	2011.666	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.469	83	2223579	385.878	ug/l #	56
76) 1,2,3-Trichloropropane	12.603	75	359204	81.975	ug/l #	100
77) Bromobenzene	12.517	156	26393	3.056	ug/l #	1
78) n-propylbenzene	12.676	91	21813062	535.913	ug/l	80
79) 2-Chlorotoluene	12.676	91	21813062	921.505	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.652	105	3098139	110.014	ug/l #	31

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

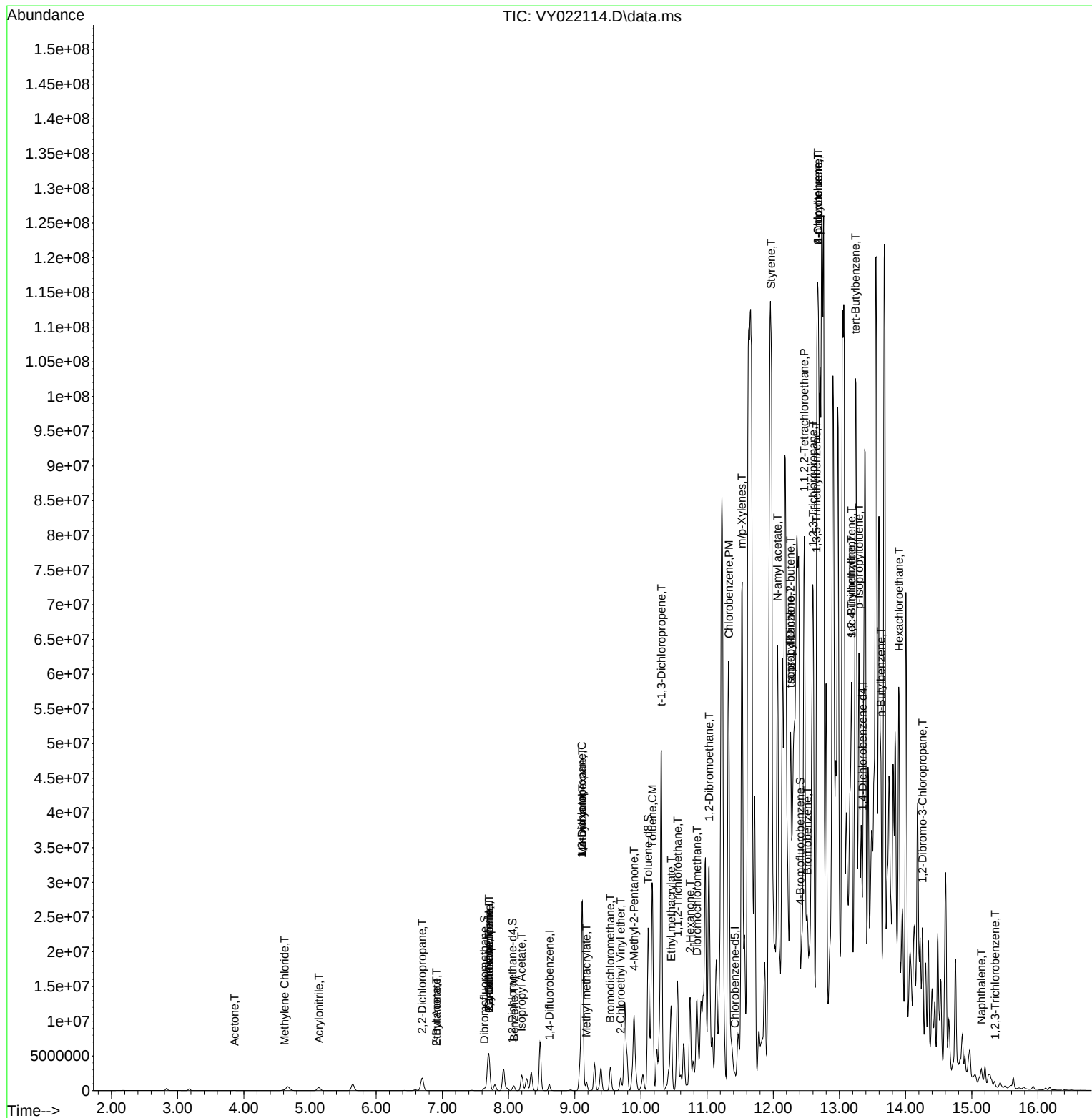
81) trans-1,4-Dichloro-2-b...	12.261	75	201884	110.949	ug/l	#	1
82) 4-Chlorotoluene	12.676	91	21813062	886.464	ug/l	#	39
83) tert-Butylbenzene	13.243	119	15353121	607.892	ug/l		68
84) 1,2,4-Trimethylbenzene	13.182	105	14909432	529.310	ug/l	#	30
85) sec-Butylbenzene	13.182	105	14923737	403.805	ug/l	#	75
86) p-Isopropyltoluene	13.298	119	8245920	262.753	ug/l		97
89) n-Butylbenzene	13.627	91	12658082	451.254	ug/l	#	72
90) Hexachloroethane	13.901	117	2194980	318.340	ug/l	#	11
92) 1,2-Dibromo-3-Chloropr...	14.255	75	52084	56.812	ug/l	#	1
95) Naphthalene	15.145	128	1684737	116.982	ug/l		99
96) 1,2,3-Trichlorobenzene	15.352	180	12413	1.659	ug/l	#	1

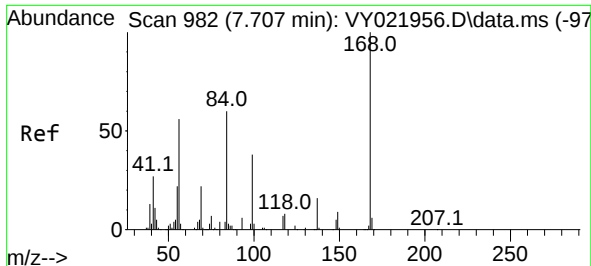
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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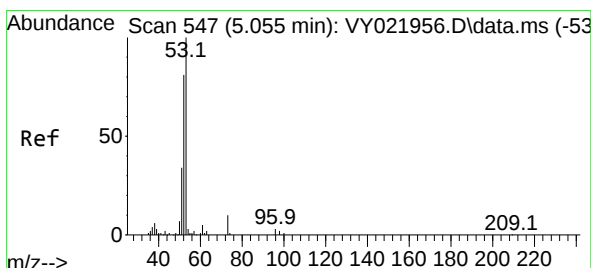
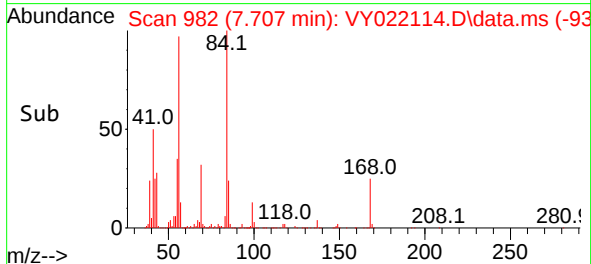
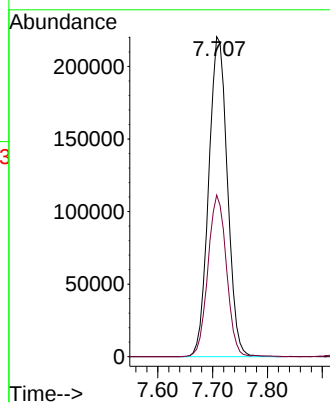
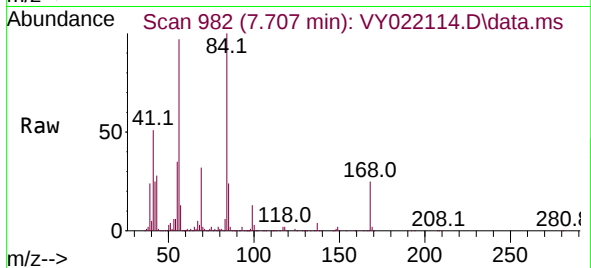




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

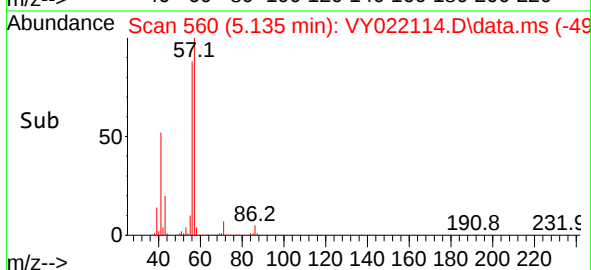
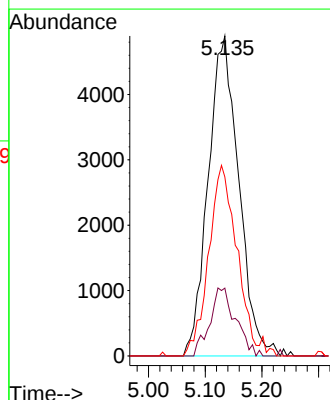
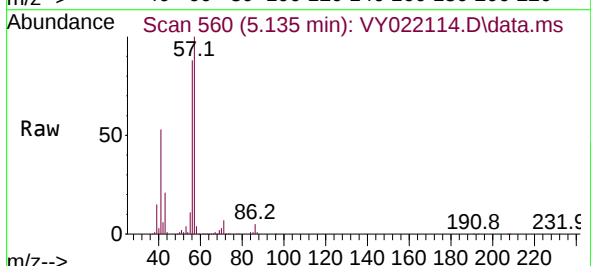
Instrument :
MSVOA_Y
ClientSampleId :
SS-8

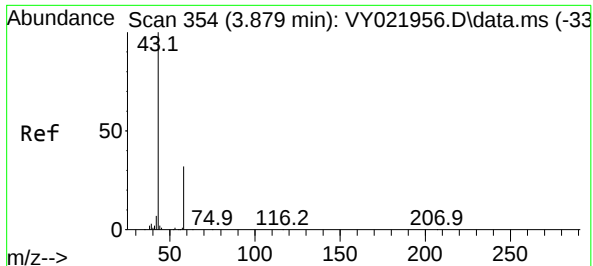
Tgt Ion:168 Resp: 521018
Ion Ratio Lower Upper
168 100
99 50.5 43.1 64.7



#15
Acrylonitrile
Concen: 18.774 ug/l
RT: 5.135 min Scan# 560
Delta R.T. 0.079 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 53 Resp: 18325
Ion Ratio Lower Upper
53 100
52 18.0 65.0 97.6#
51 55.8 28.9 43.3#

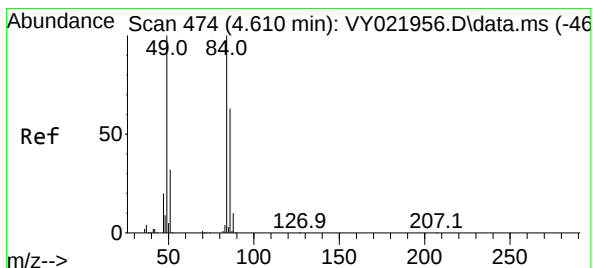
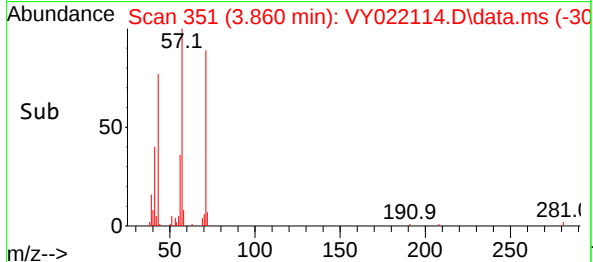
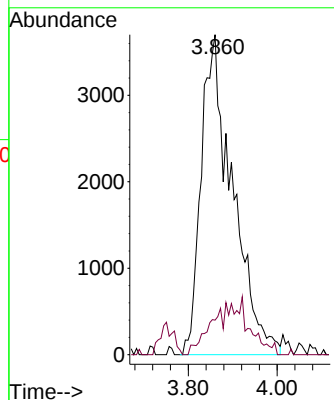
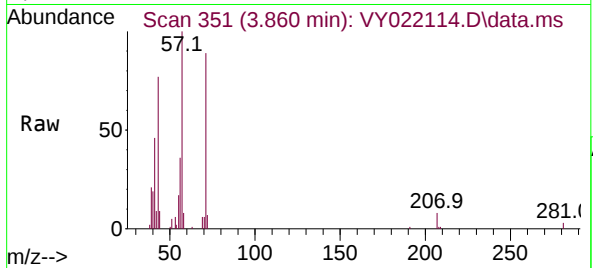




#16
Acetone
Concen: 8.021 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.019 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

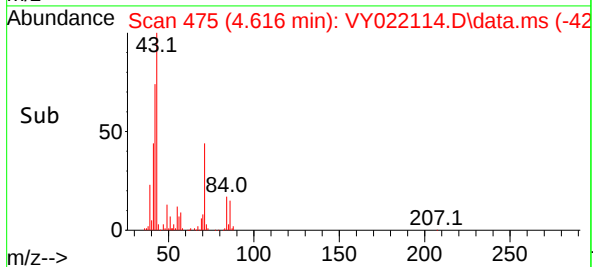
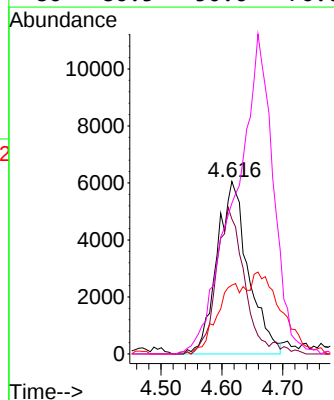
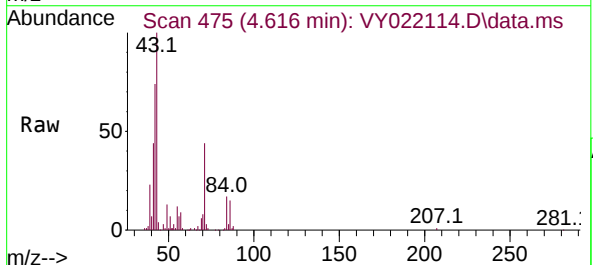
Instrument :
MSVOA_Y
ClientSampleId :
SS-8

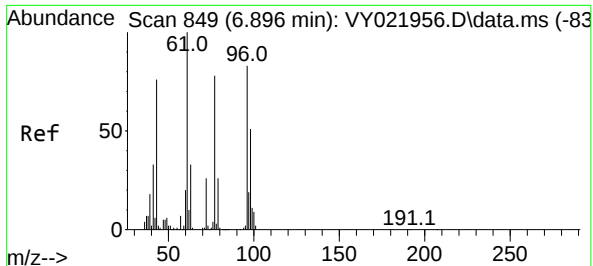
Tgt Ion: 43 Resp: 18076
Ion Ratio Lower Upper
43 100
58 10.8 27.0 40.4#



#20
Methylene Chloride
Concen: 3.547 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 84 Resp: 21583
Ion Ratio Lower Upper
84 100
49 78.2 79.9 119.9#
51 38.9 25.4 38.0#
86 86.5 50.6 76.0#





#25

2-Butanone

Concen: 8.038 ug/l

RT: 6.909 min Scan# 816

Delta R.T. 0.012 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

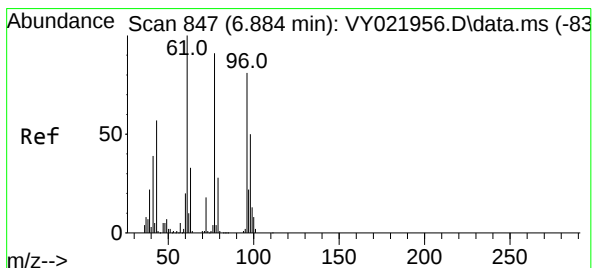
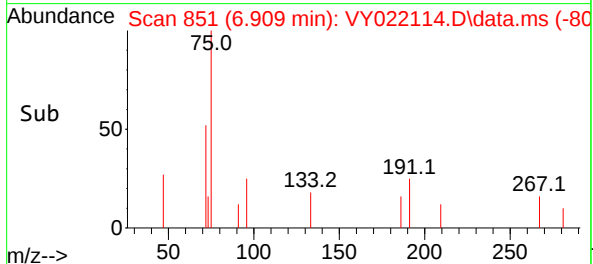
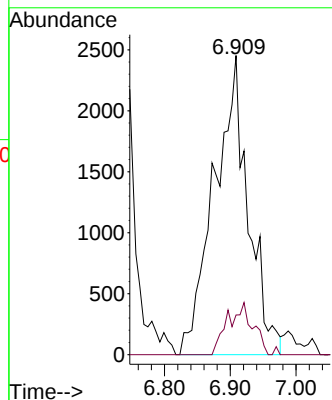
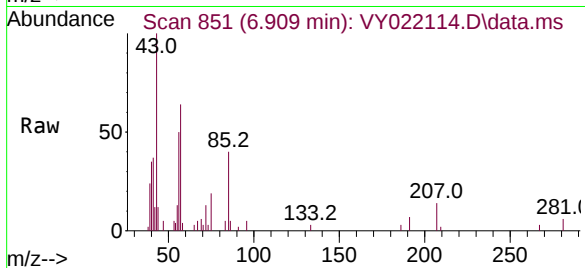
SS-8

Tgt Ion: 43 Resp: 8818

Ion Ratio Lower Upper

43 100

72 13.2 27.0 40.4#



#26

2,2-Dichloropropane

Concen: 1.810 ug/l

RT: 6.695 min Scan# 816

Delta R.T. -0.189 min

Lab File: VY022114.D

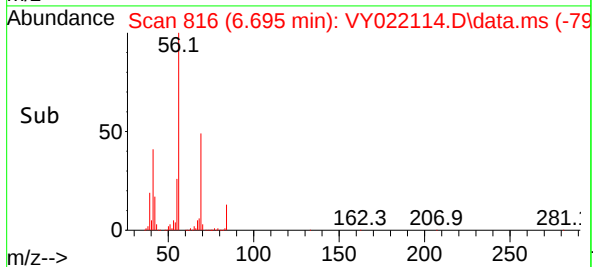
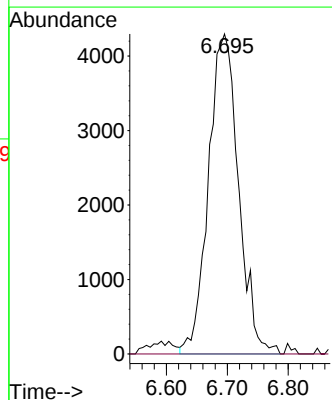
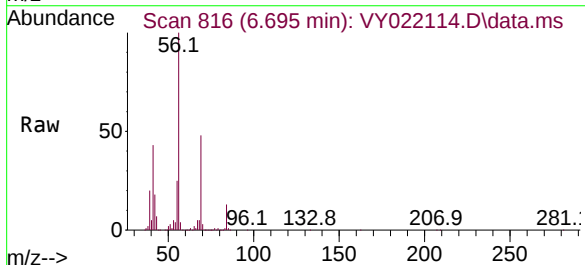
Acq: 01 May 2025 18:00

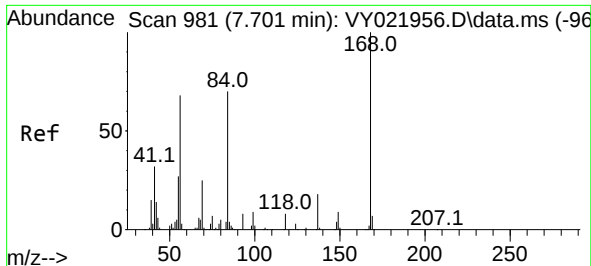
Tgt Ion: 77 Resp: 14755

Ion Ratio Lower Upper

77 100

97 0.0 12.4 37.4#

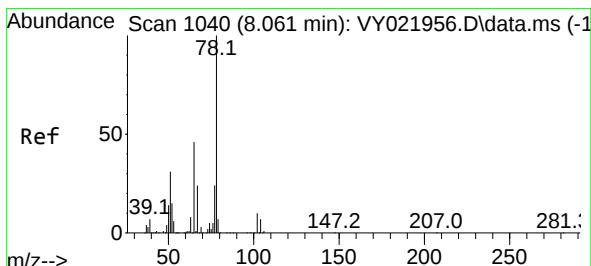
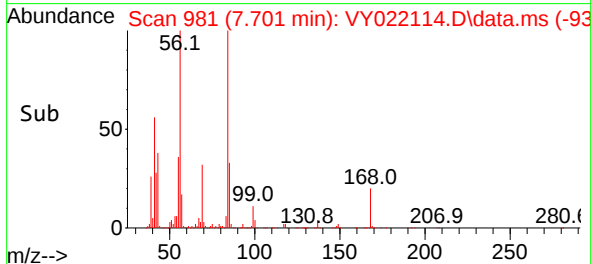
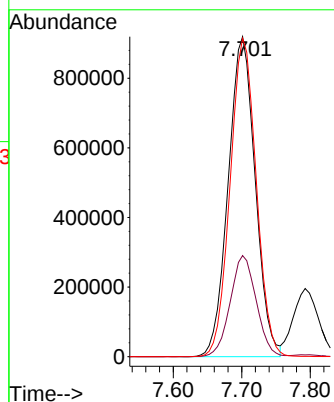
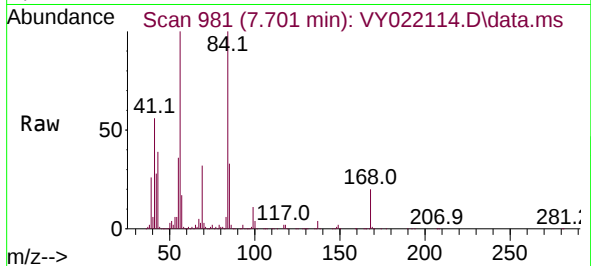




#31
Cyclohexane
Concen: 316.693 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

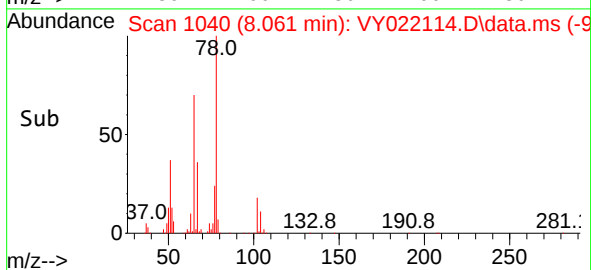
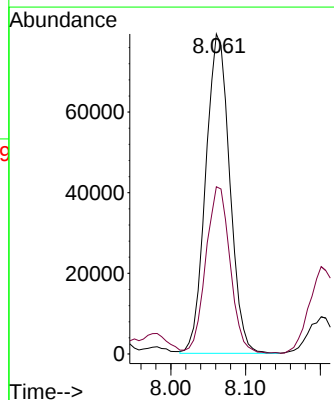
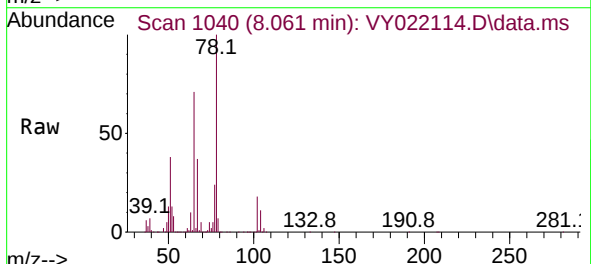
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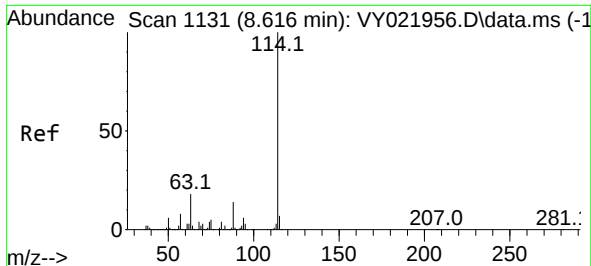
Tgt Ion: 56 Resp: 2519440
Ion Ratio Lower Upper
56 100
69 31.6 29.4 44.2
84 99.5 82.2 123.4



#33
1,2-Dichloroethane-d4
Concen: 36.894 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 65 Resp: 177553
Ion Ratio Lower Upper
65 100
67 52.2 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: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

SS-8

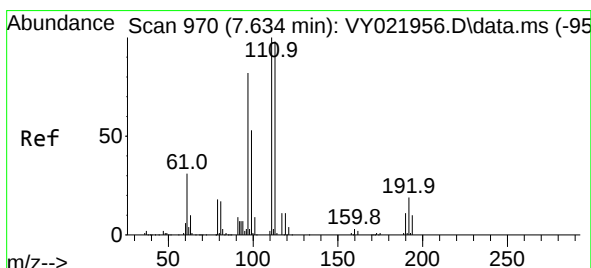
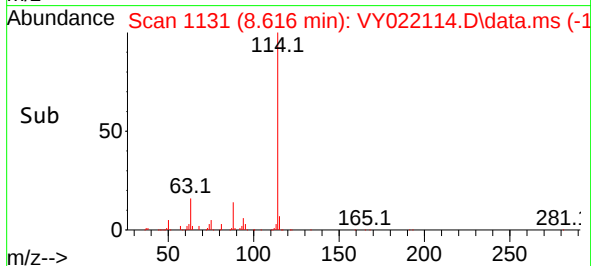
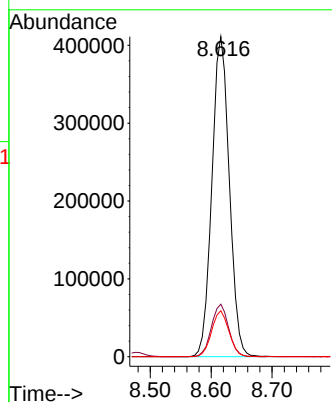
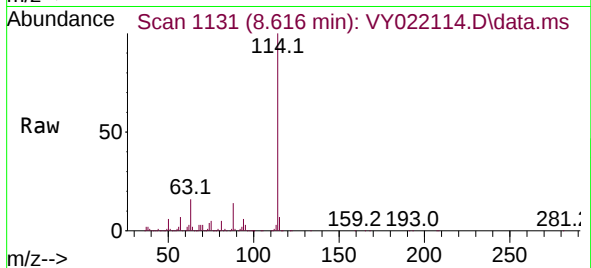
Tgt Ion:114 Resp: 814848

Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.4

88 14.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 48.267 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

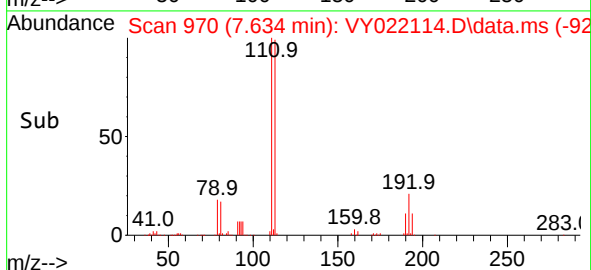
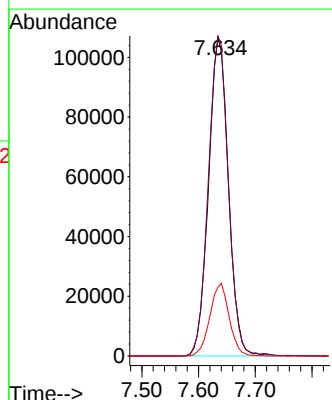
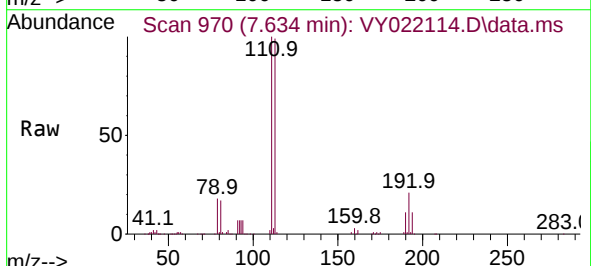
Tgt Ion:113 Resp: 259836

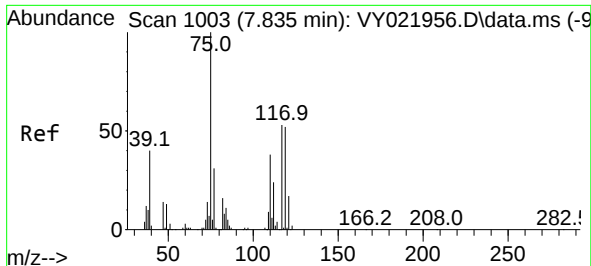
Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.8

192 22.1 15.6 23.4

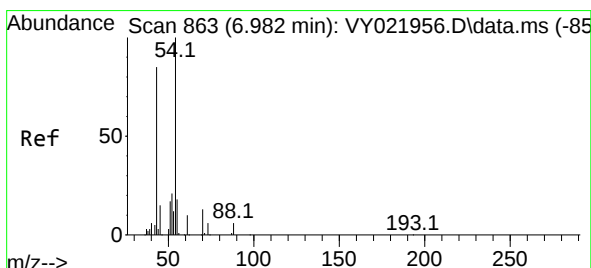
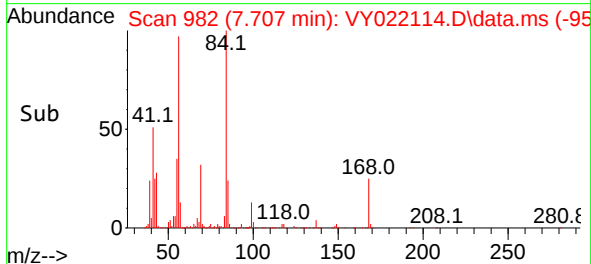
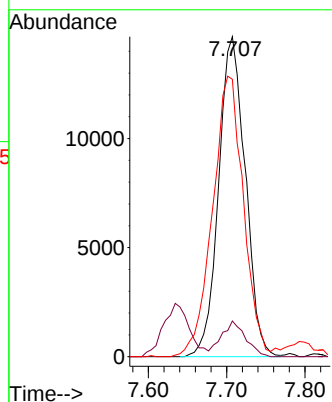
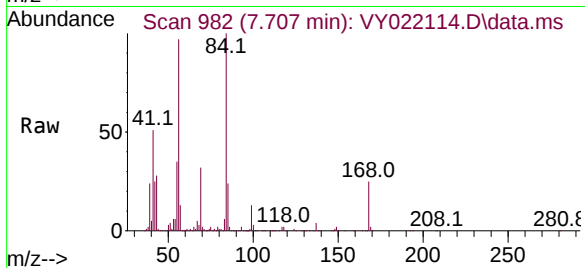




#36
 1,1-Dichloropropene
 Concen: 4.799 ug/l
 RT: 7.707 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY022114.D
 Acq: 01 May 2025 18:00

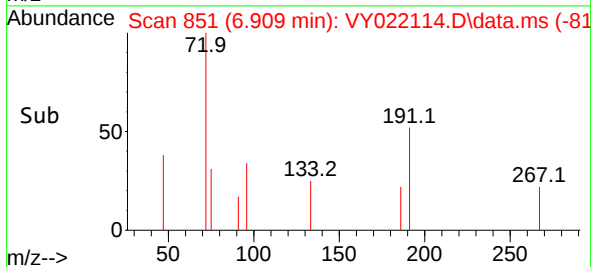
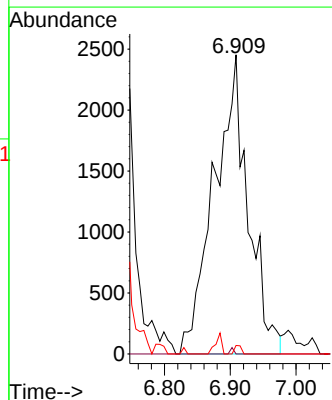
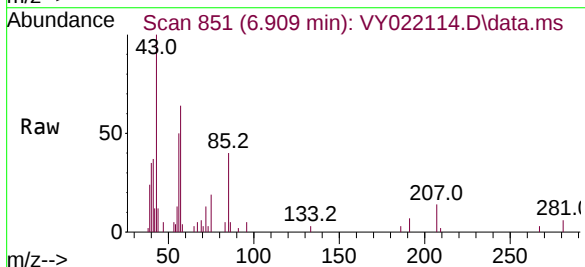
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 SS-8

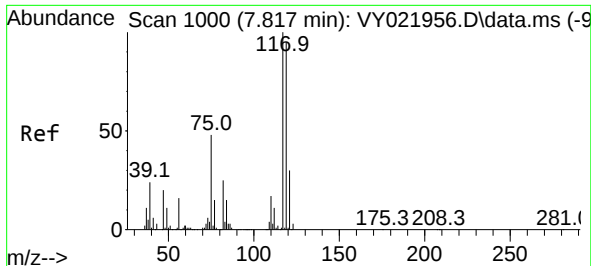
Tgt Ion: 75 Resp: 34702
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.1 57.3#
 77 101.5 25.5 38.3#



#37
 Ethyl Acetate
 Concen: 3.395 ug/l
 RT: 6.909 min Scan# 851
 Delta R.T. -0.073 min
 Lab File: VY022114.D
 Acq: 01 May 2025 18:00

Tgt Ion: 43 Resp: 8818
 Ion Ratio Lower Upper
 43 100
 61 0.0 13.8 20.6#
 70 0.0 9.2 13.8#

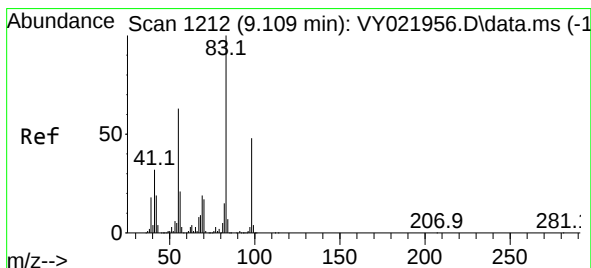
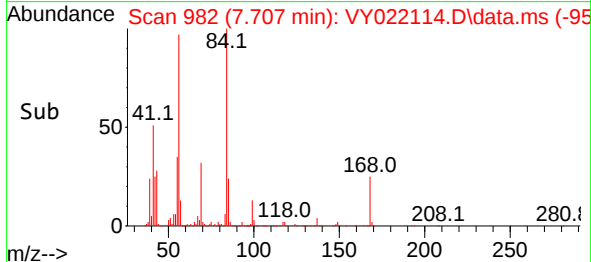
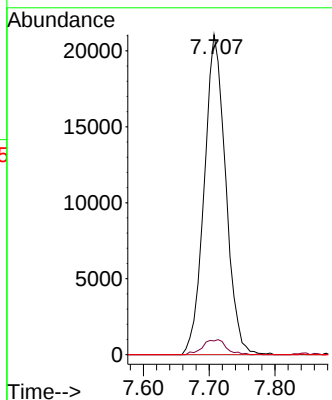
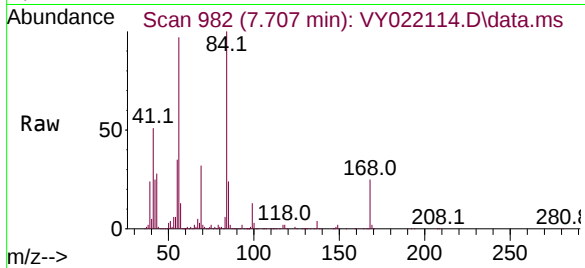




#38
Carbon Tetrachloride
Concen: 5.522 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

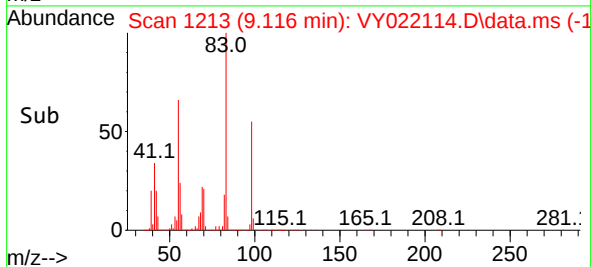
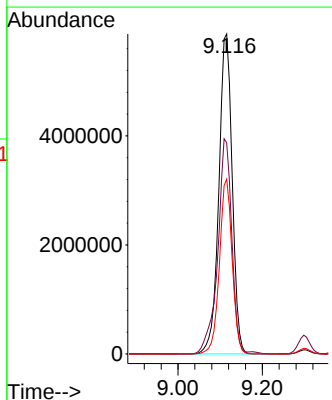
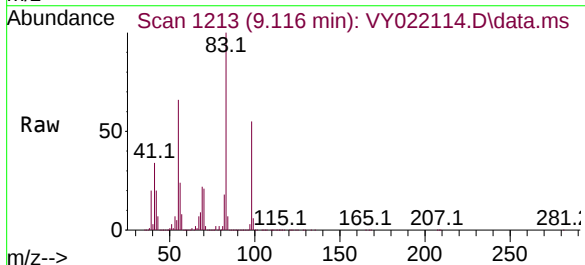
Instrument :
MSVOA_Y
ClientSampleId :
SS-8

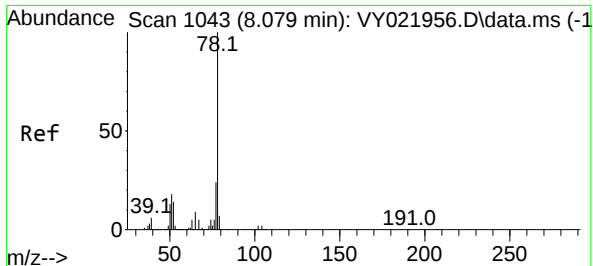
Tgt Ion:117 Resp: 47716
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.4#
121 0.0 24.0 36.0#



#39
Methylcyclohexane
Concen: 1410.235 ug/l
RT: 9.116 min Scan# 1213
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 83 Resp:12833286
Ion Ratio Lower Upper
83 100
55 65.9 50.6 75.8
98 54.6 38.6 58.0

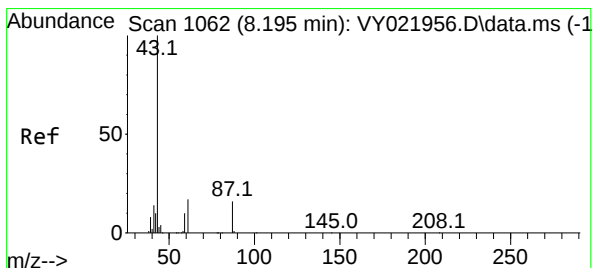
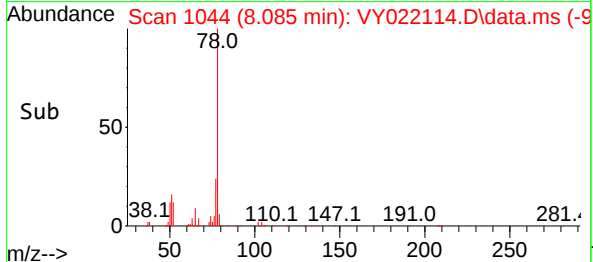
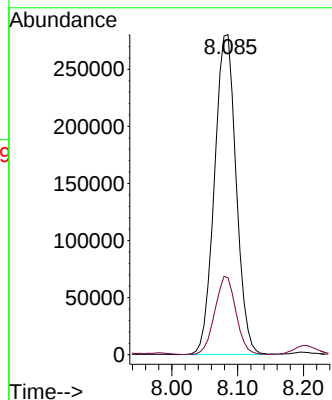
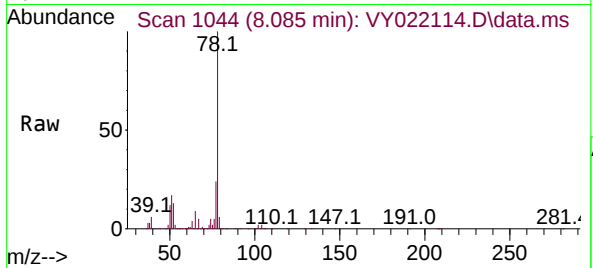




#40
Benzene
Concen: 28.480 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

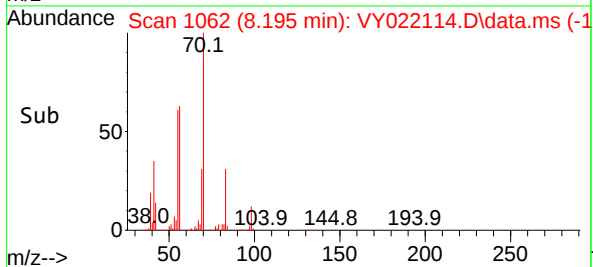
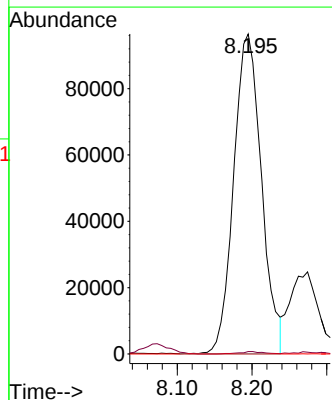
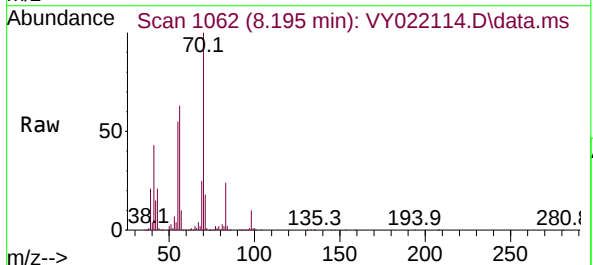
Instrument :
MSVOA_Y
ClientSampleId :
SS-8

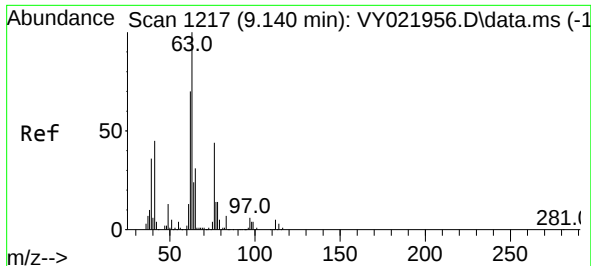
Tgt Ion: 78 Resp: 643784
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9



#43
Isopropyl Acetate
Concen: 49.936 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 43 Resp: 249056
Ion Ratio Lower Upper
43 100
61 0.6 18.9 28.3#
87 0.0 13.7 20.5#





#45

1,2-Dichloropropane

Concen: 23.412 ug/l

RT: 9.109 min Scan# 117032

Delta R.T. -0.030 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

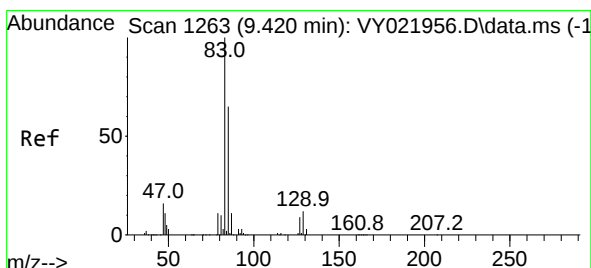
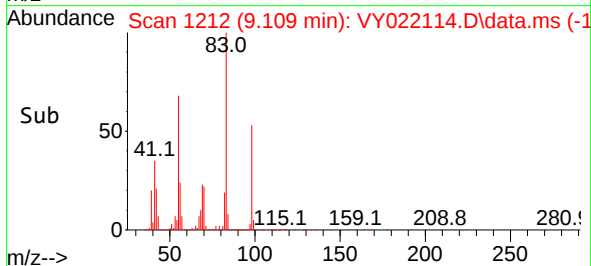
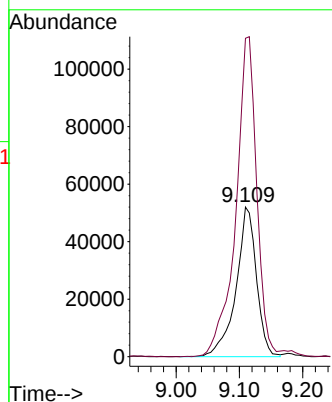
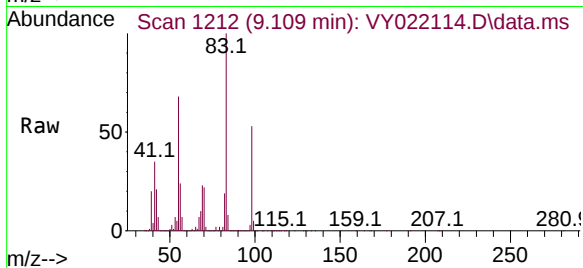
SS-8

Tgt Ion: 63 Resp: 117032

Ion Ratio Lower Upper

63 100

65 212.8 25.2 37.8#



#47

Bromodichloromethane

Concen: 18.414 ug/l

RT: 9.536 min Scan# 1282

Delta R.T. 0.116 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

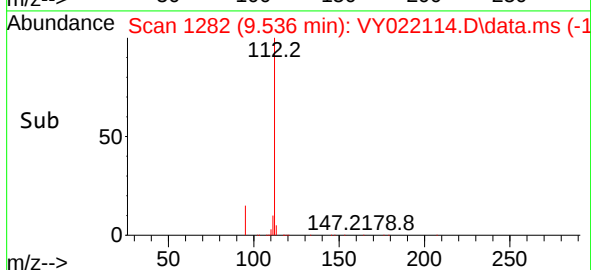
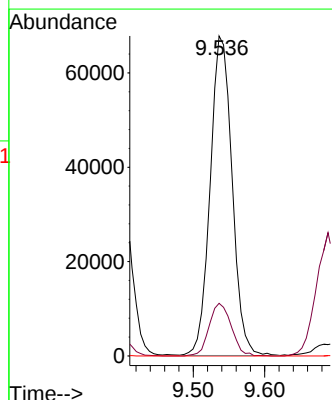
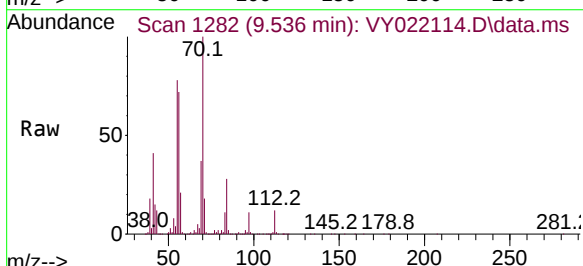
Tgt Ion: 83 Resp: 143952

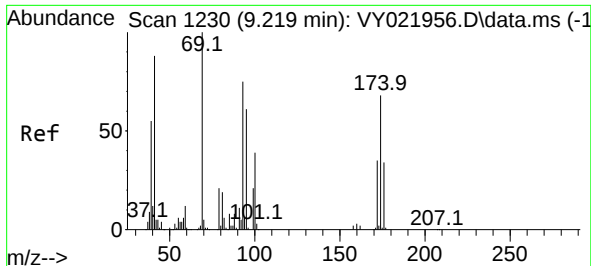
Ion Ratio Lower Upper

83 100

85 16.5 51.8 77.8#

127 0.0 7.0 10.6#





#48

Methyl methacrylate

Concen: 92.710 ug/l

RT: 9.177 min Scan# 1

Delta R.T. -0.043 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

SS-8

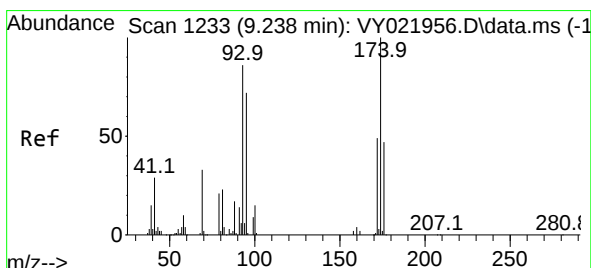
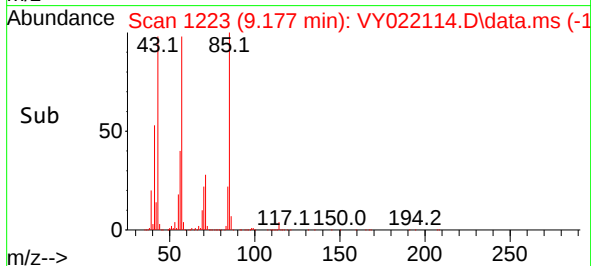
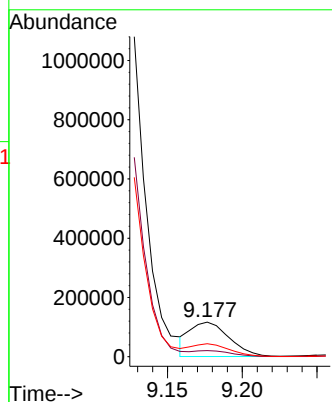
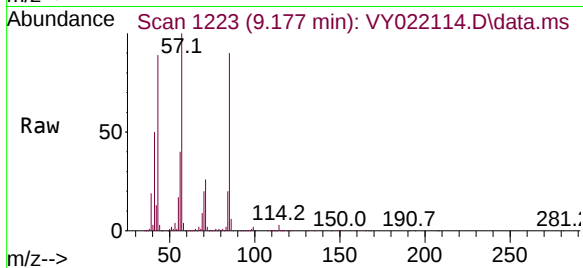
Tgt Ion: 41 Resp: 213758

Ion Ratio Lower Upper

41 100

69 0.0 85.5 128.3#

39 0.0 46.2 69.4#



#49

1,4-Dioxane

Concen: 7.735 ug/l

RT: 9.116 min Scan# 1213

Delta R.T. -0.122 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

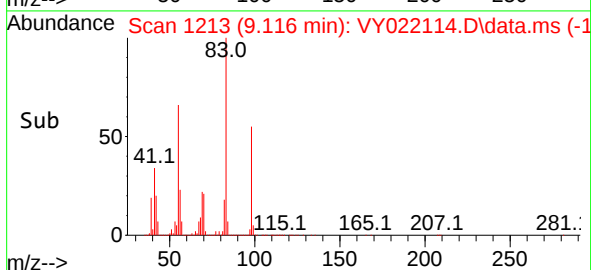
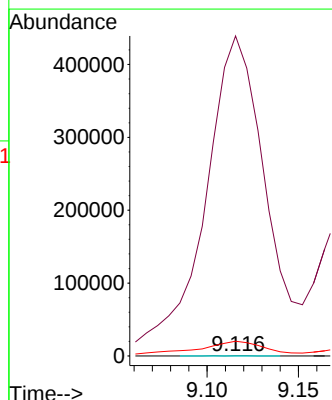
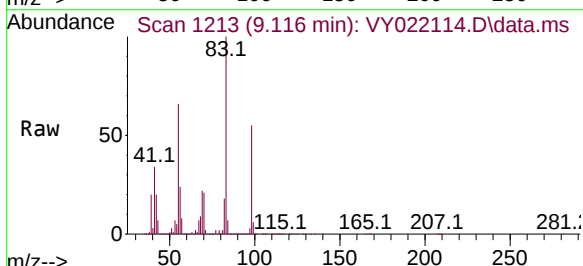
Tgt Ion: 88 Resp: 258

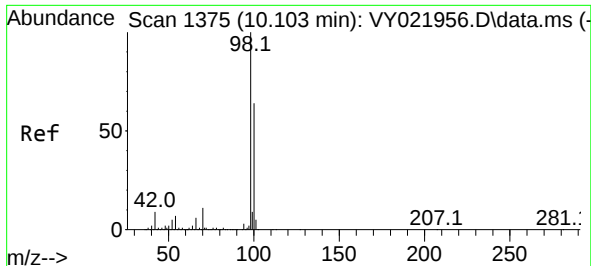
Ion Ratio Lower Upper

88 100

43 399750.0 21.3 31.9#

58 21839.5 50.5 75.7#

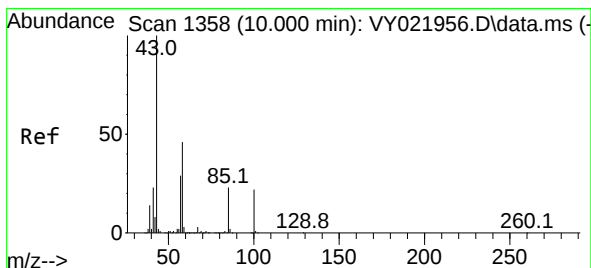
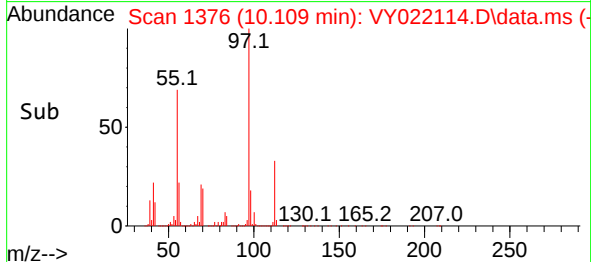
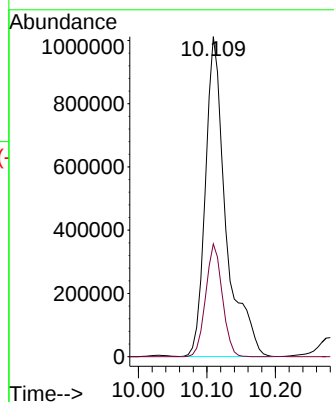
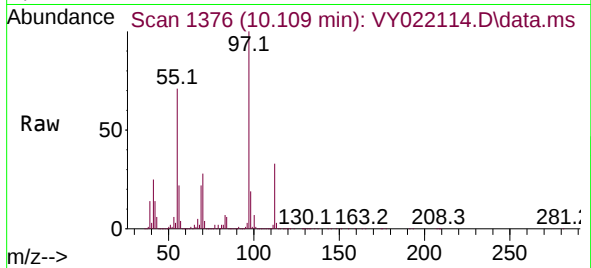




#50
Toluene-d8
Concen: 103.831 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

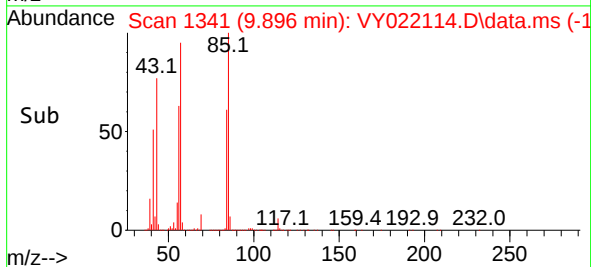
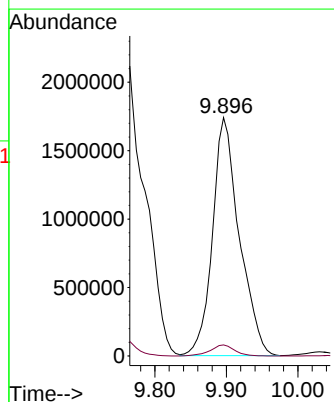
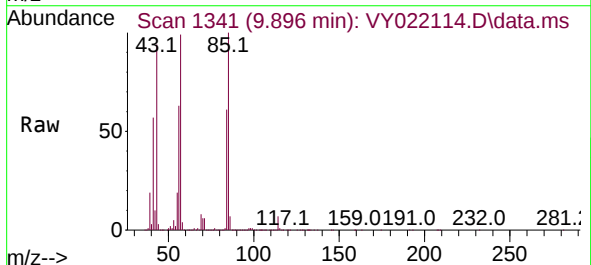
Instrument :
MSVOA_Y
ClientSampleId :
SS-8

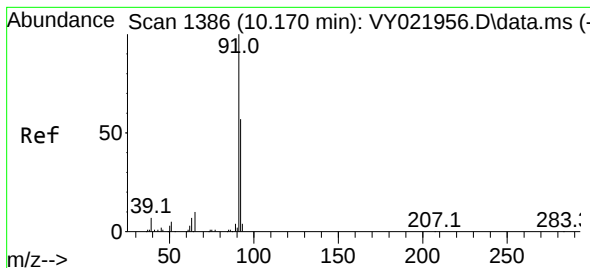
Tgt Ion: 98 Resp: 2107268
Ion Ratio Lower Upper
98 100
100 28.5 51.6 77.4#



#51
4-Methyl-2-Pentanone
Concen: 1731.228 ug/l
RT: 9.896 min Scan# 1341
Delta R.T. -0.104 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 43 Resp: 4526338
Ion Ratio Lower Upper
43 100
58 4.2 36.6 55.0#





#52

Toluene

Concen: 919.969 ug/l

RT: 10.176 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

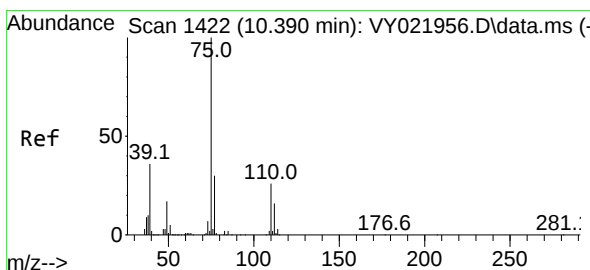
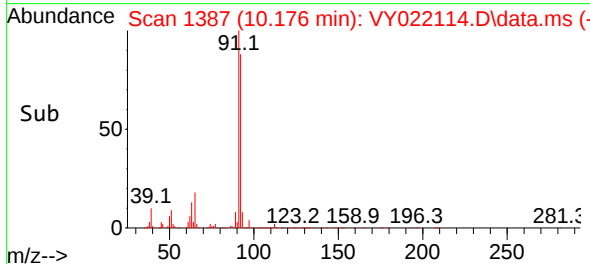
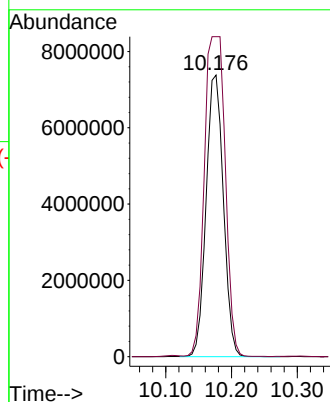
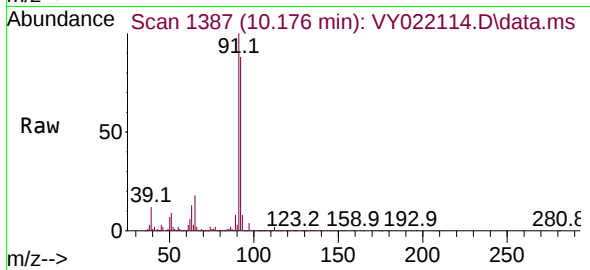
SS-8

Tgt Ion: 92 Resp:13461118

Ion Ratio Lower Upper

92 100

91 137.9 138.6 207.8#



#53

t-1,3-Dichloropropene

Concen: 1.049 ug/l

RT: 10.310 min Scan# 1409

Delta R.T. -0.079 min

Lab File: VY022114.D

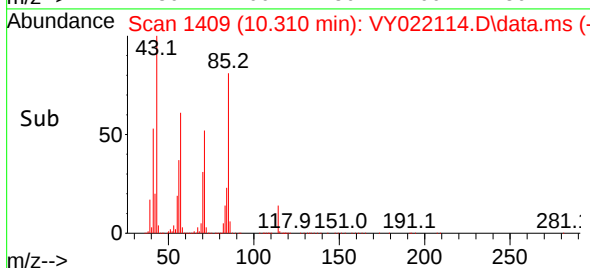
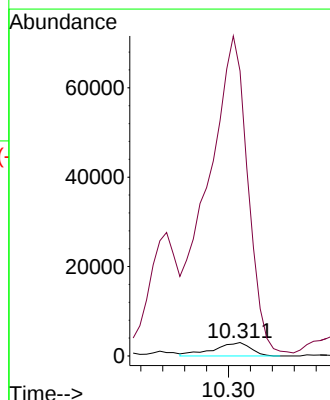
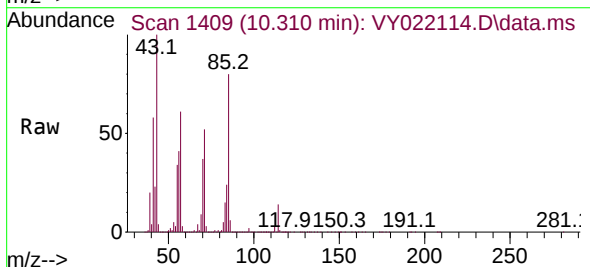
Acq: 01 May 2025 18:00

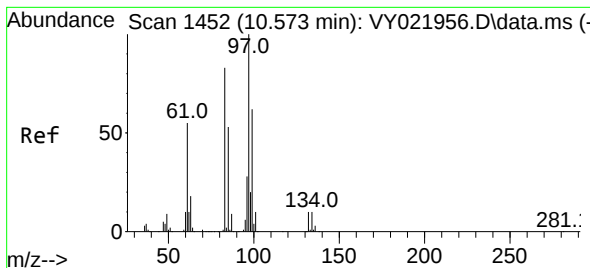
Tgt Ion: 75 Resp: 7037

Ion Ratio Lower Upper

75 100

77 2091.3 24.0 36.0#



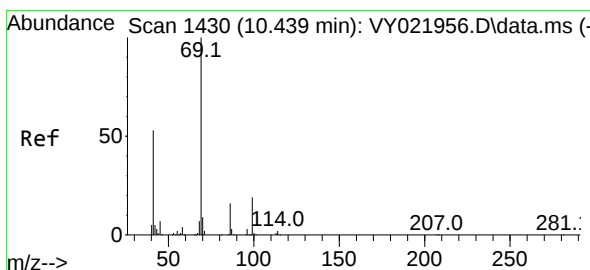
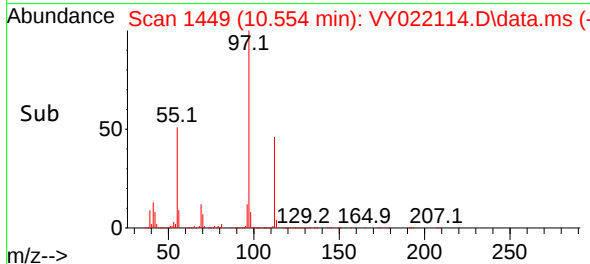
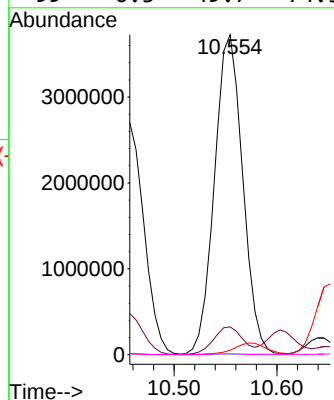
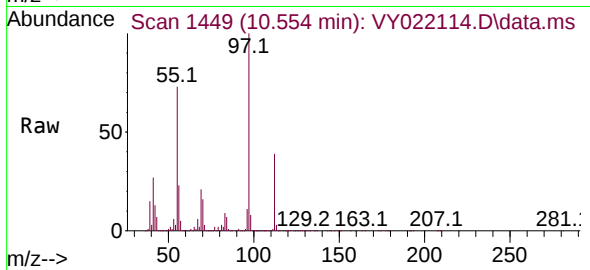


#55
1,1,2-Trichloroethane
Concen: 1691.842 ug/l
RT: 10.554 min Scan# 1449
Delta R.T. -0.018 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Instrument :
MSVOA_Y
ClientSampleId :
SS-8

Tgt Ion: 97 Resp: 7071836

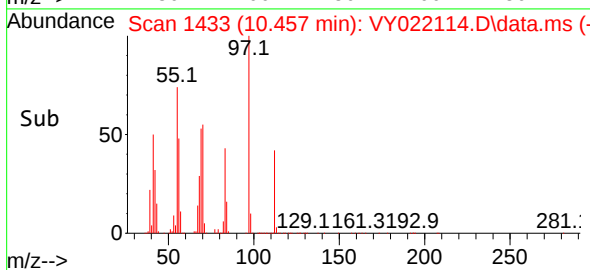
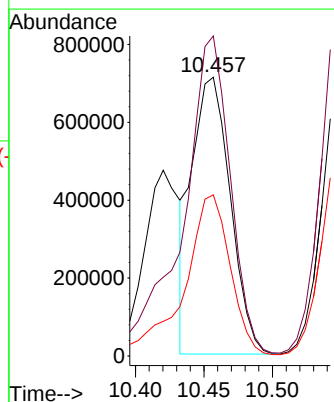
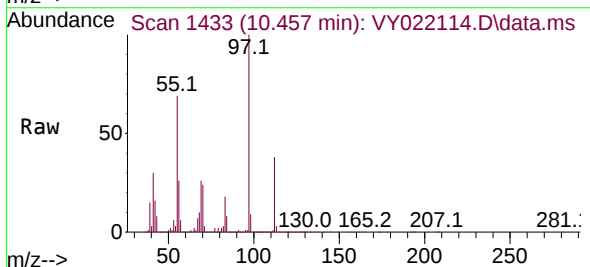
Ion	Ratio	Lower	Upper
97	100		
83	8.7	66.7	100.1#
85	1.4	42.6	64.0#
99	0.3	49.7	74.5#

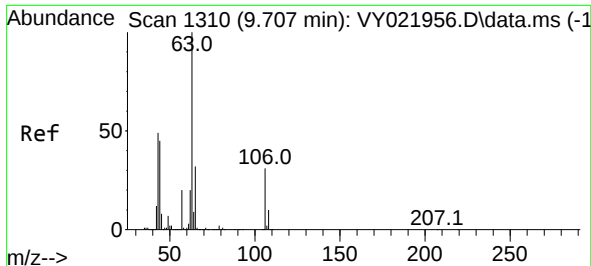


#56
Ethyl methacrylate
Concen: 288.941 ug/l
RT: 10.457 min Scan# 1433
Delta R.T. 0.018 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 69 Resp: 1381151

Ion	Ratio	Lower	Upper
69	100		
41	142.8	40.7	61.1#
39	70.7	23.3	34.9#

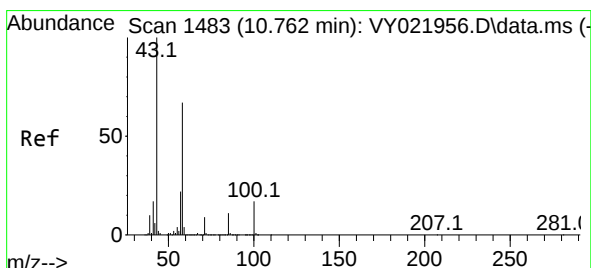
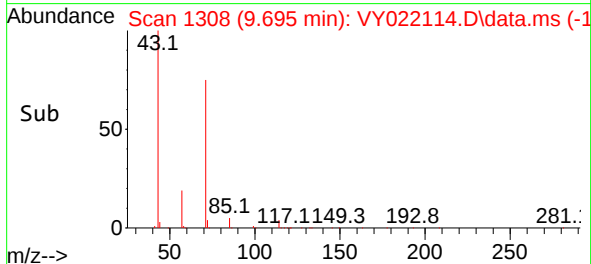
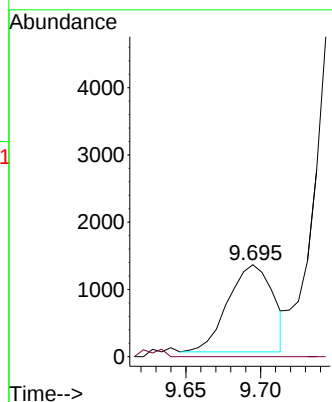
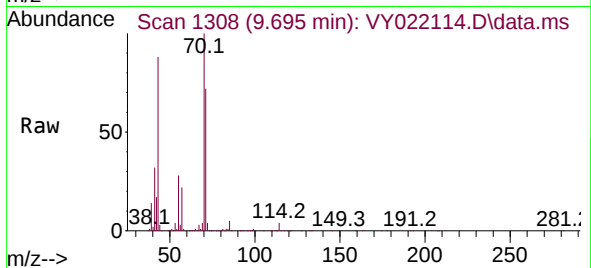




#58
2-Chloroethyl Vinyl ether
Concen: 1.162 ug/l
RT: 9.695 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

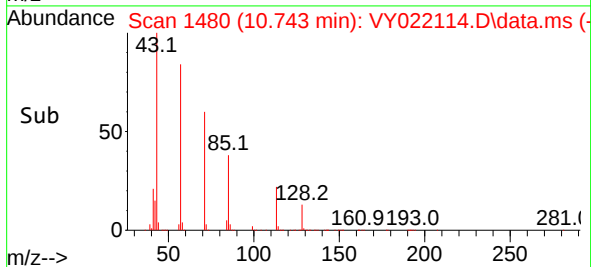
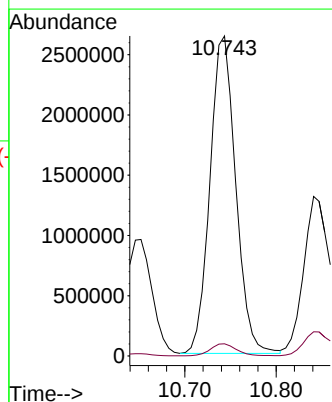
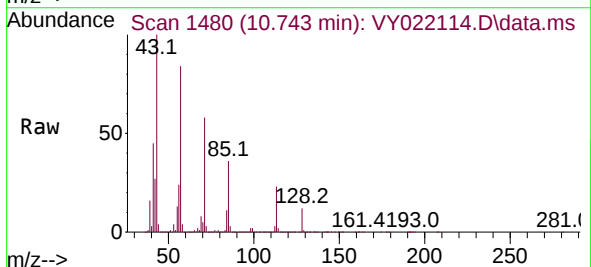
Instrument :
MSVOA_Y
ClientSampleId :
SS-8

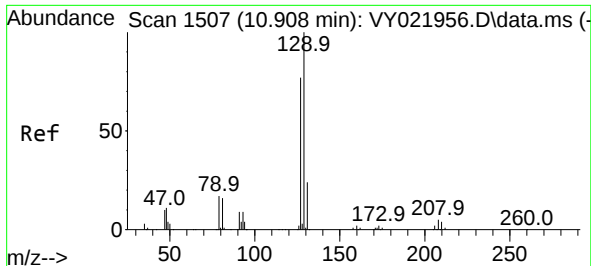
Tgt Ion: 63 Resp: 2716
Ion Ratio Lower Upper
63 100
106 0.0 25.3 37.9#



#59
2-Hexanone
Concen: 2991.712 ug/l
RT: 10.743 min Scan# 1480
Delta R.T. -0.018 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 43 Resp: 5159199
Ion Ratio Lower Upper
43 100
58 3.8 32.0 96.0#

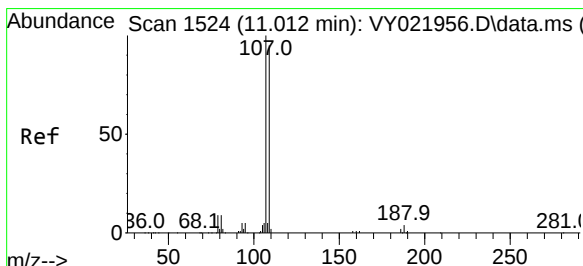
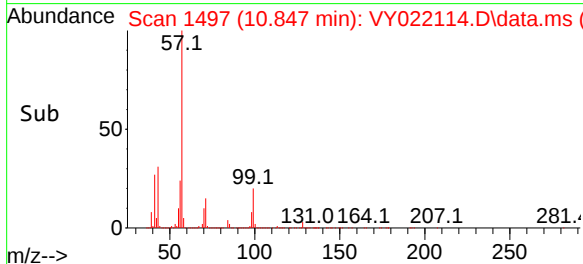
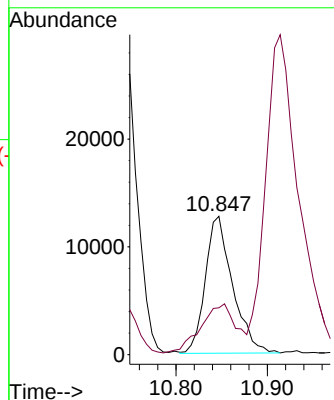
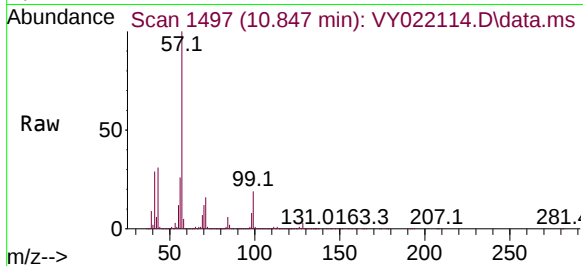




#60
Dibromochloromethane
Concen: 4.554 ug/l
RT: 10.847 min Scan# 14
Delta R.T. -0.061 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

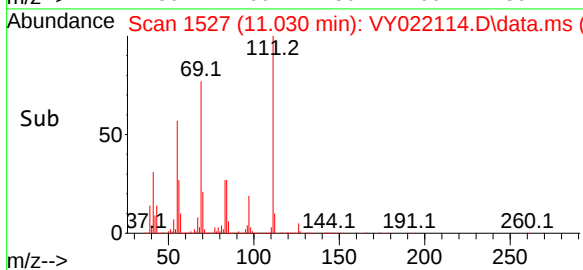
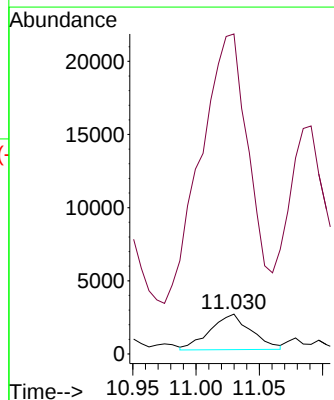
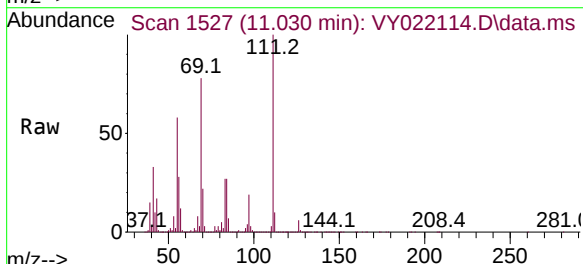
Instrument :
MSVOA_Y
ClientSampleId :
SS-8

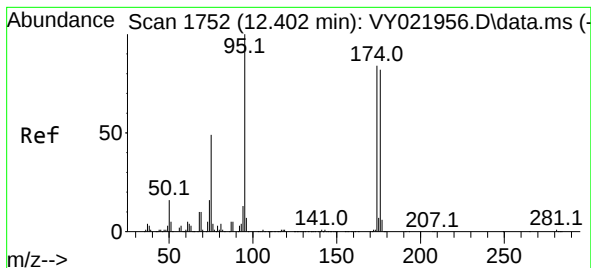
Tgt Ion:129 Resp: 26352
Ion Ratio Lower Upper
129 100
127 46.5 38.5 115.3



#61
1,2-Dibromoethane
Concen: 1.392 ug/l
RT: 11.030 min Scan# 1527
Delta R.T. 0.018 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:107 Resp: 5495
Ion Ratio Lower Upper
107 100
109 907.4 75.8 113.8#

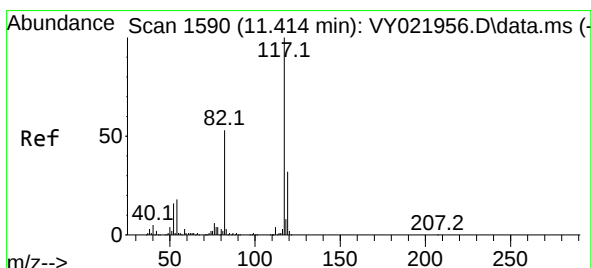
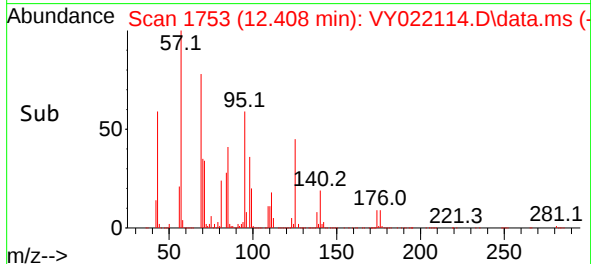
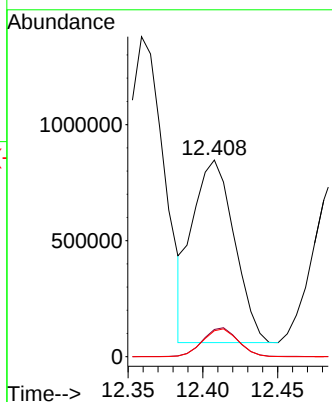
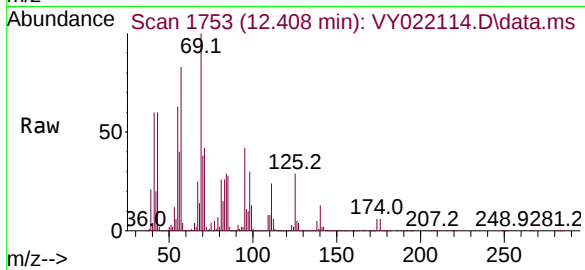




#62
4-Bromofluorobenzene
Concen: 223.683 ug/l
RT: 12.408 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

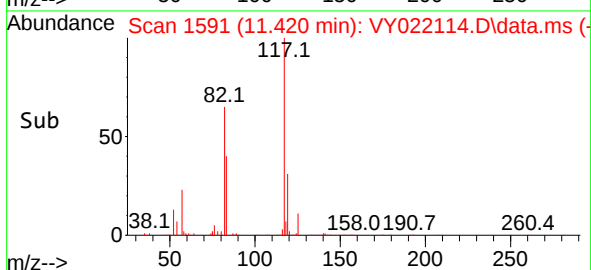
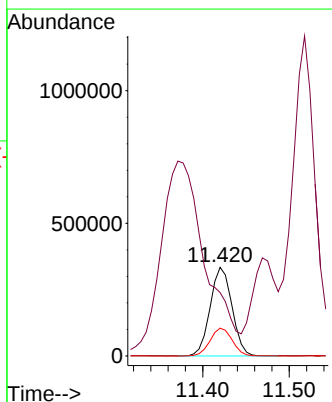
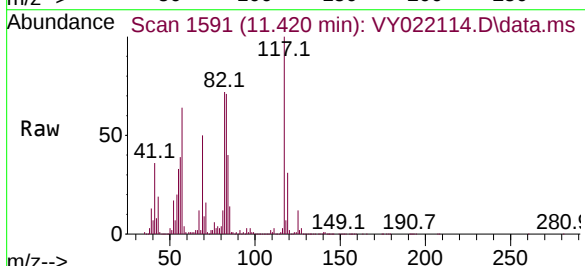
Instrument :
MSVOA_Y
ClientSampleId :
SS-8

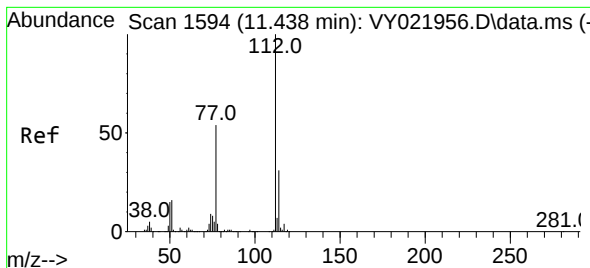
Tgt Ion: 95 Resp: 1528236
Ion Ratio Lower Upper
95 100
174 13.6 0.0 179.0
176 13.1 0.0 171.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 117 Resp: 583005
Ion Ratio Lower Upper
117 100
82 0.0 42.1 63.1#
119 31.4 25.7 38.5

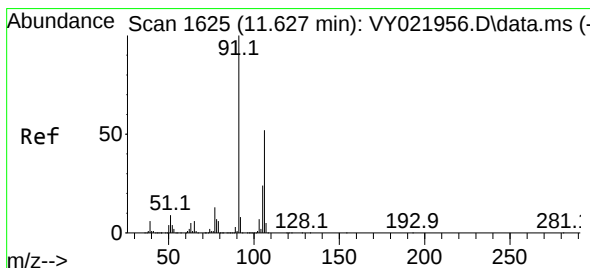
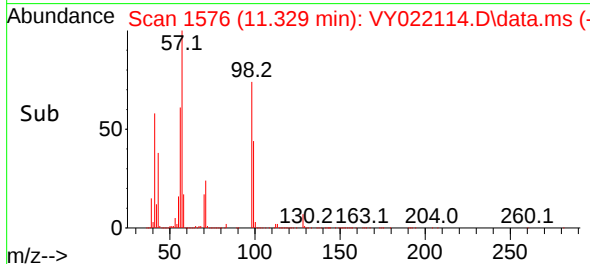
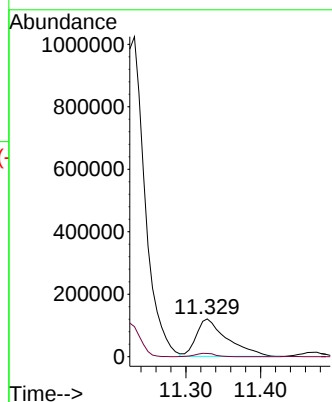
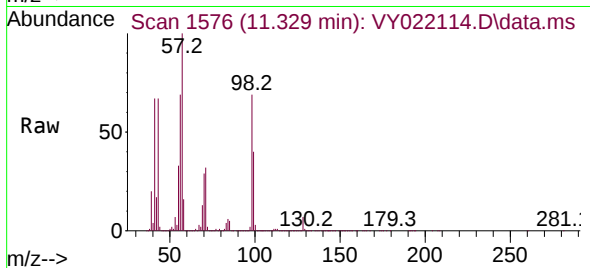




#65
Chlorobenzene
Concen: 26.492 ug/l
RT: 11.329 min Scan# 11
Delta R.T. -0.110 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

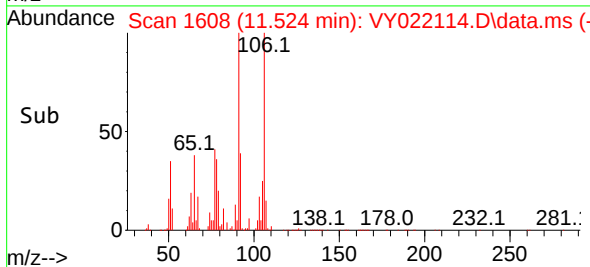
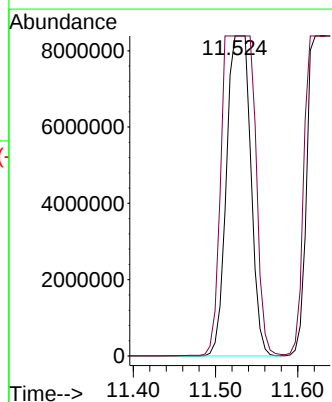
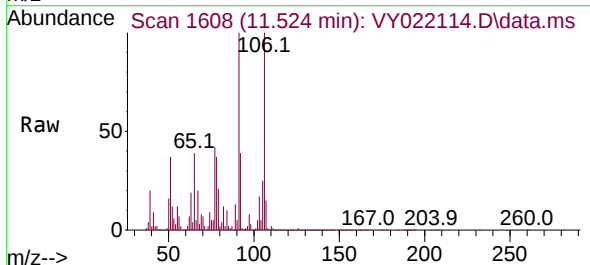
Instrument :
MSVOA_Y
ClientSampleId :
SS-8

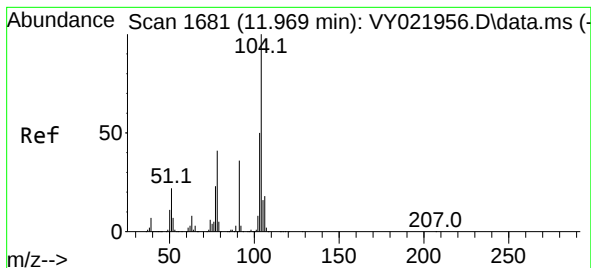
Tgt Ion:112 Resp: 345389
Ion Ratio Lower Upper
112 100
114 8.6 25.0 37.4#



#68
m/p-Xylenes
Concen: 2015.267 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. -0.104 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion:106 Resp:17102719
Ion Ratio Lower Upper
106 100
91 0.0 156.2 234.2#





#70

Styrene

Concen: 169.874 ug/l

RT: 11.969 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

SS-8

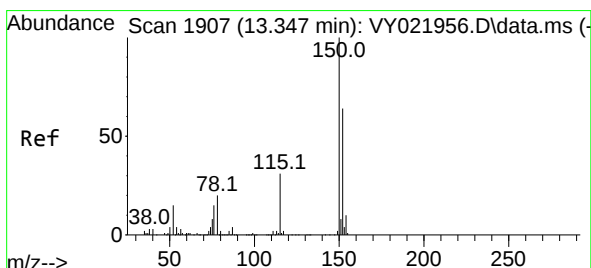
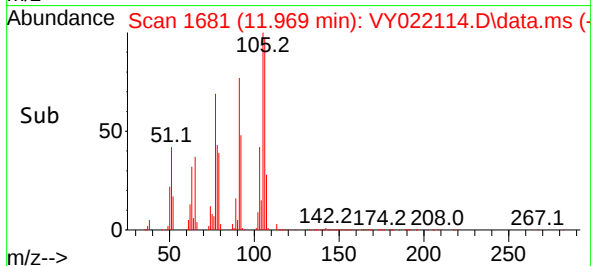
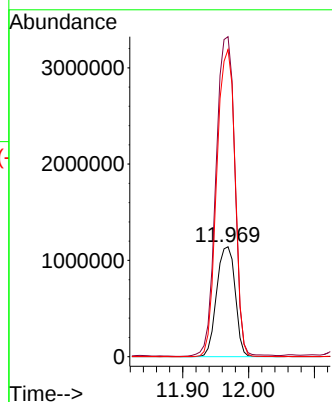
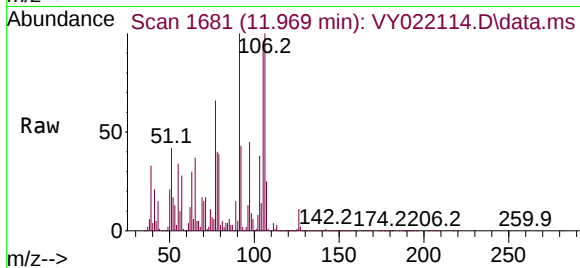
Tgt Ion:104 Resp: 2231010

Ion Ratio Lower Upper

104 100

78 297.6 36.6 54.8#

103 277.0 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

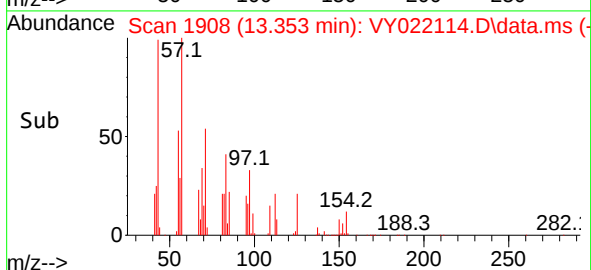
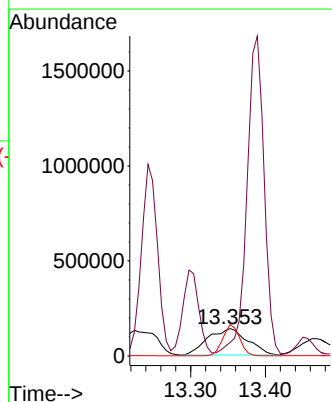
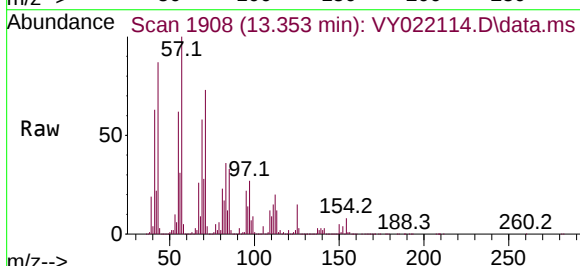
Tgt Ion:152 Resp: 511573

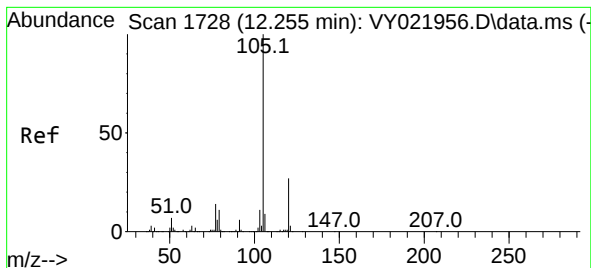
Ion Ratio Lower Upper

152 100

115 0.0 28.0 84.0#

150 50.2 0.0 345.6





#73

Isopropylbenzene

Concen: 454.561 ug/l

RT: 12.261 min Scan# 1729

Delta R.T. 0.006 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

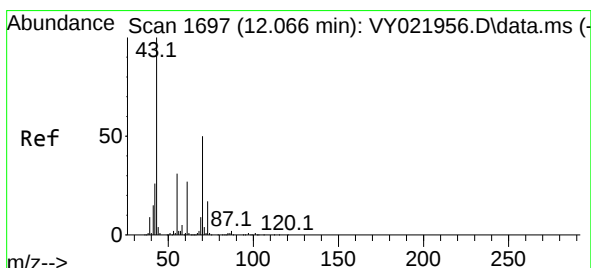
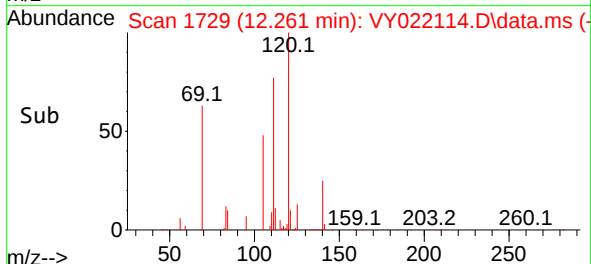
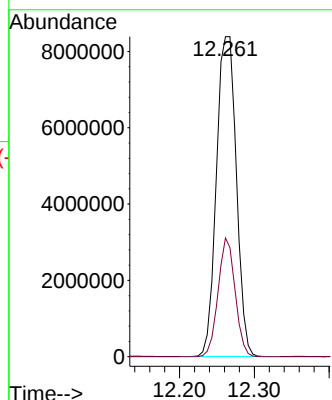
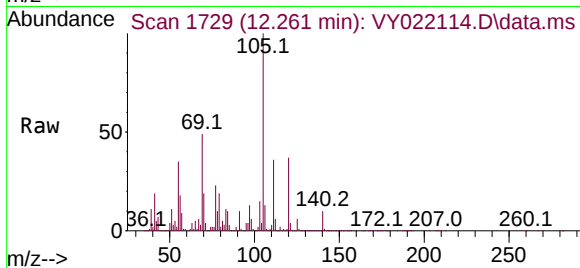
SS-8

Tgt Ion:105 Resp:15536198

Ion Ratio Lower Upper

105 100

120 31.8 13.5 40.5



#74

N-ethyl acetate

Concen: 2011.666 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Tgt Ion: 43 Resp:11812893

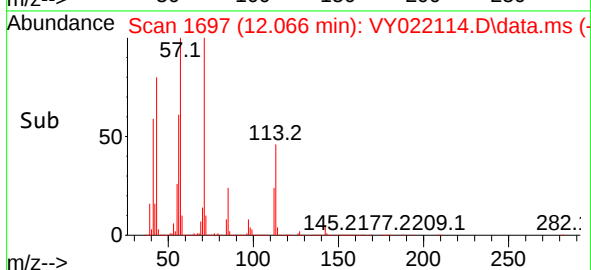
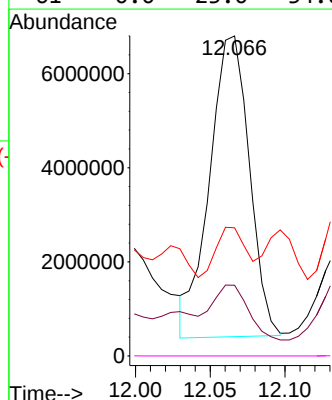
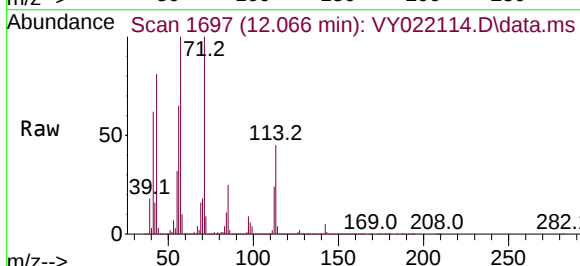
Ion Ratio Lower Upper

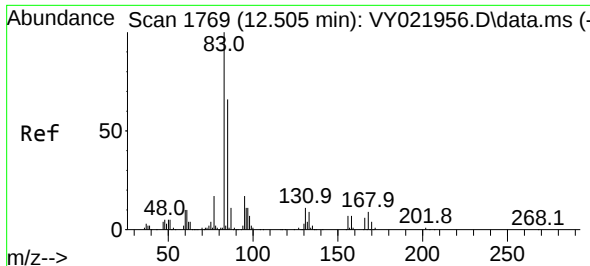
43 100

70 16.7 43.2 64.8#

55 12.2 25.7 38.5#

61 0.0 23.0 34.6#

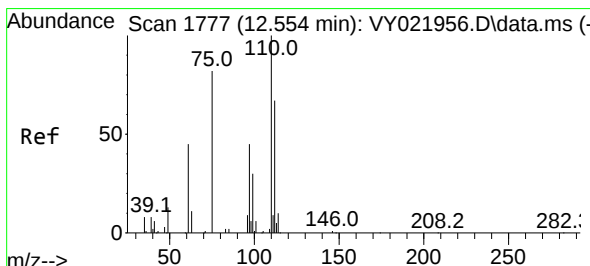
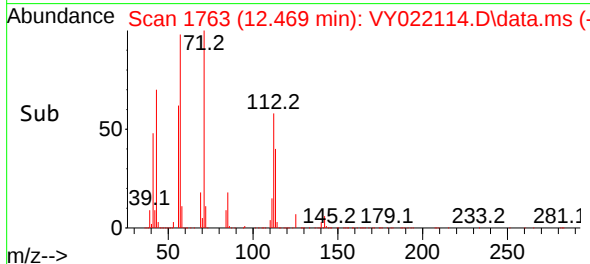
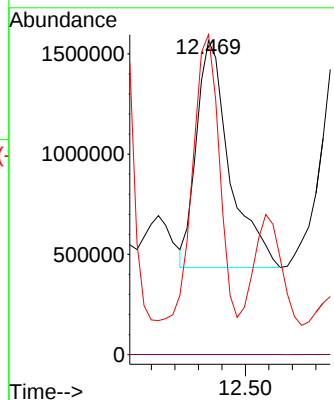
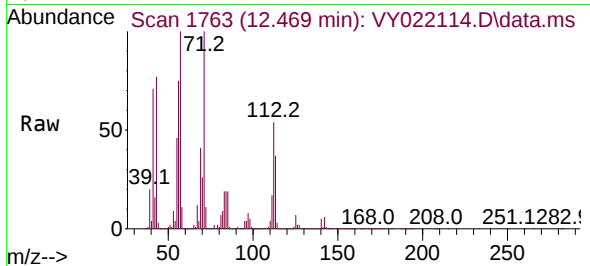




#75
 1,1,2,2-Tetrachloroethane
 Concen: 385.878 ug/l
 RT: 12.469 min Scan# 1769
 Delta R.T. -0.037 min
 Lab File: VY022114.D
 Acq: 01 May 2025 18:00

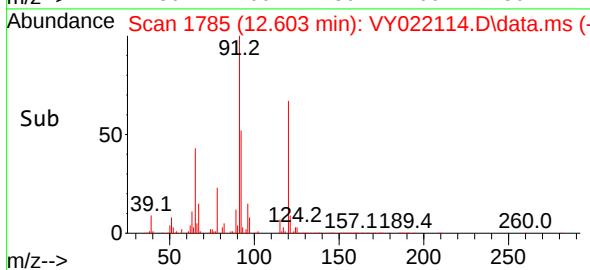
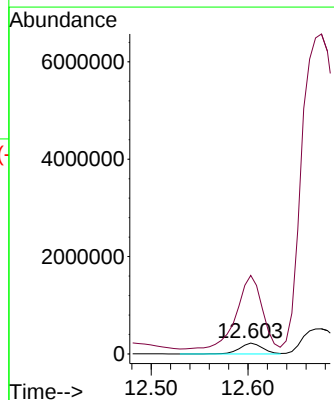
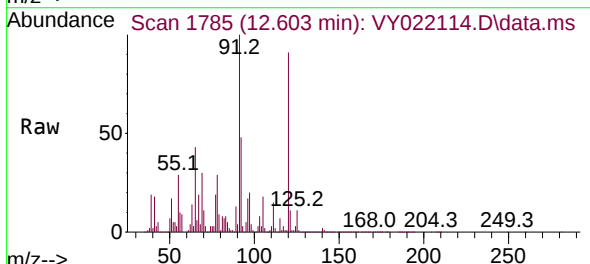
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-8

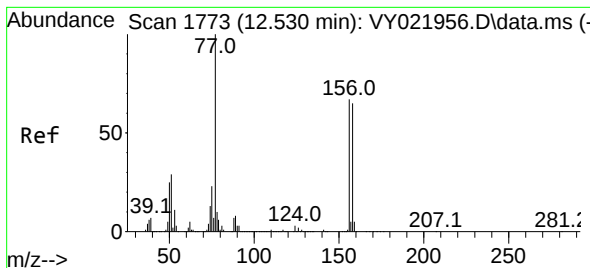
Tgt Ion: 83 Resp: 2223579
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.4#
 85 100.8 32.3 96.8#



#76
 1,2,3-Trichloropropane
 Concen: 81.975 ug/l
 RT: 12.603 min Scan# 1785
 Delta R.T. 0.049 min
 Lab File: VY022114.D
 Acq: 01 May 2025 18:00

Tgt Ion: 75 Resp: 359204
 Ion Ratio Lower Upper
 75 100
 77 762.4 0.0 0.0#





#77

Bromobenzene

Concen: 3.056 ug/l

RT: 12.517 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

SS-8

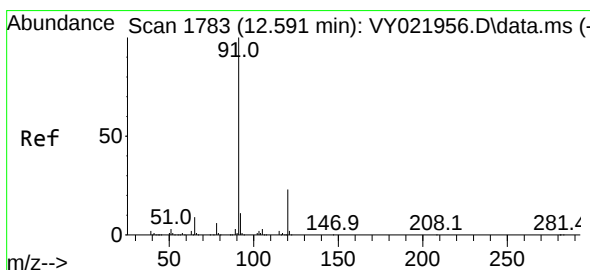
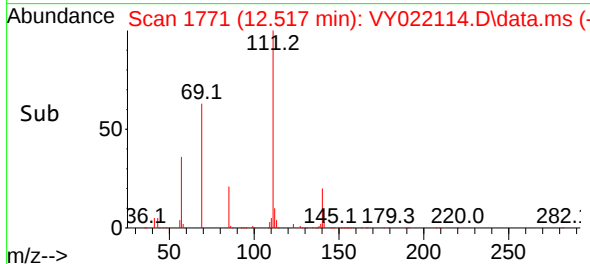
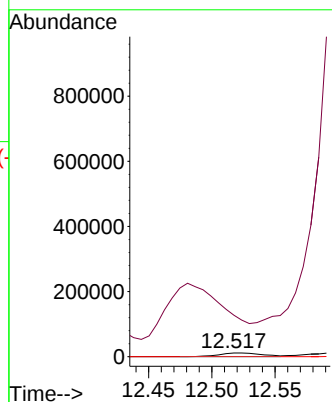
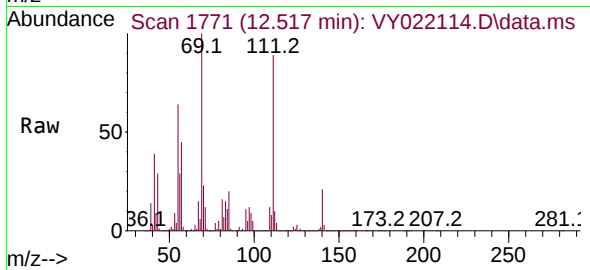
Tgt Ion:156 Resp: 26393

Ion Ratio Lower Upper

156 100

77 0.0 82.7 248.1#

158 0.6 48.1 144.4#



#78

n-propylbenzene

Concen: 535.913 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.085 min

Lab File: VY022114.D

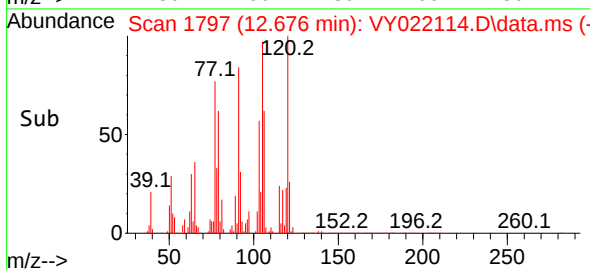
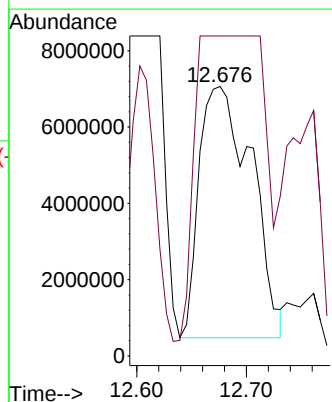
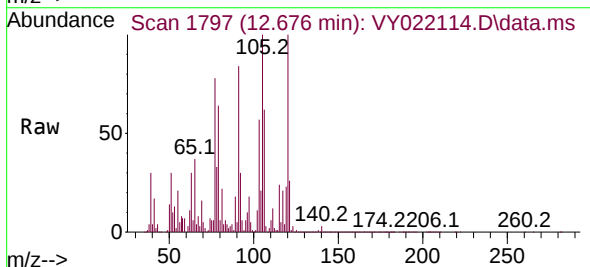
Acq: 01 May 2025 18:00

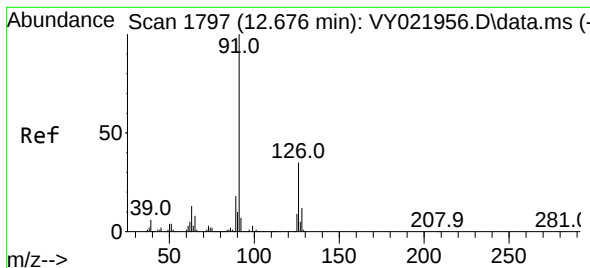
Tgt Ion: 91 Resp:21813062

Ion Ratio Lower Upper

91 100

120 13.9 11.9 35.5

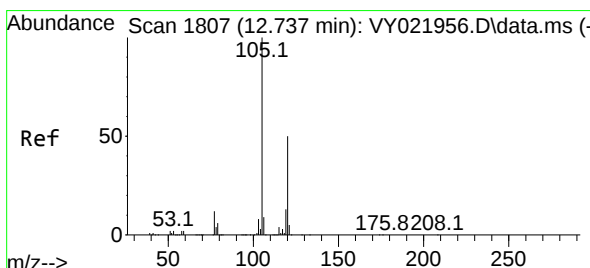
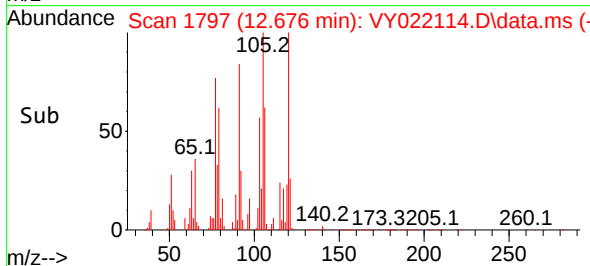
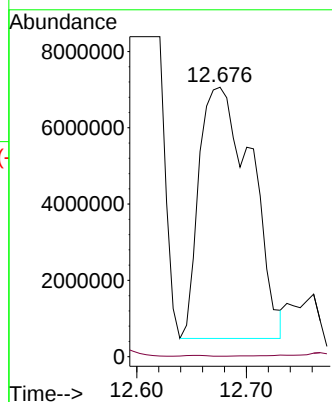
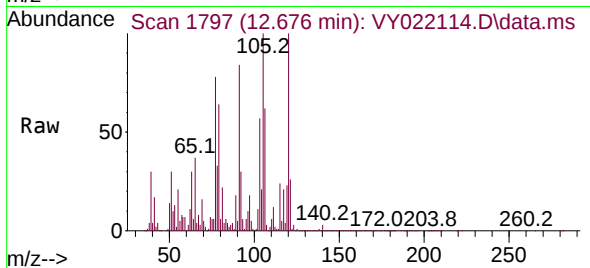




#79
2-Chlorotoluene
Concen: 921.505 ug/l
RT: 12.676 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

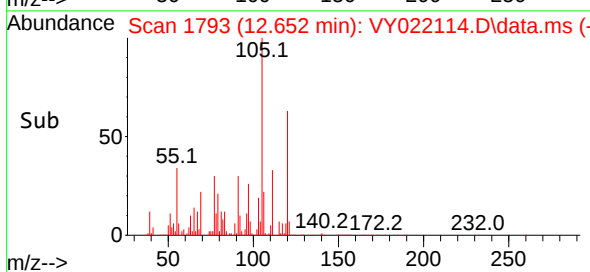
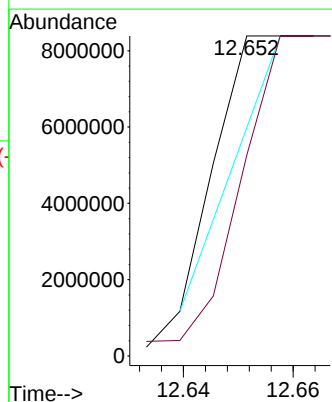
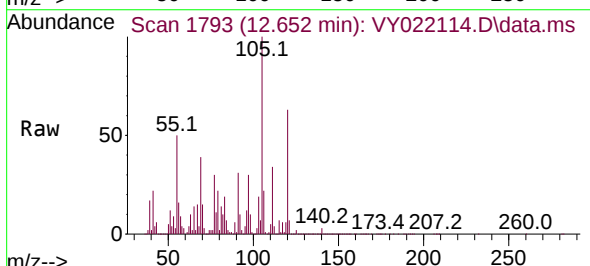
Instrument :
MSVOA_Y
ClientSampleId :
SS-8

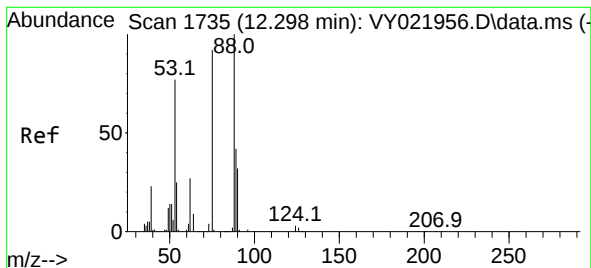
Tgt Ion: 91 Resp: 21813062
Ion Ratio Lower Upper
91 100
126 0.0 17.9 53.8#



#80
1,3,5-Trimethylbenzene
Concen: 110.014 ug/l
RT: 12.652 min Scan# 1793
Delta R.T. -0.085 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 105 Resp: 3098139
Ion Ratio Lower Upper
105 100
120 97.9 25.0 75.0#

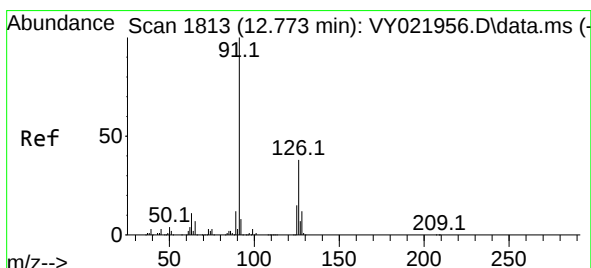
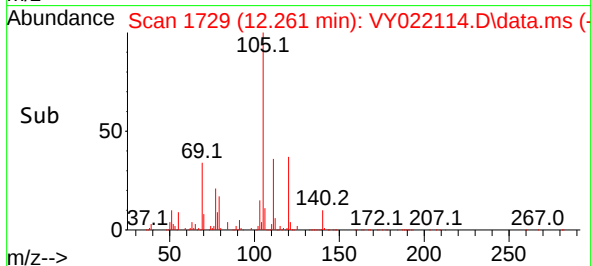
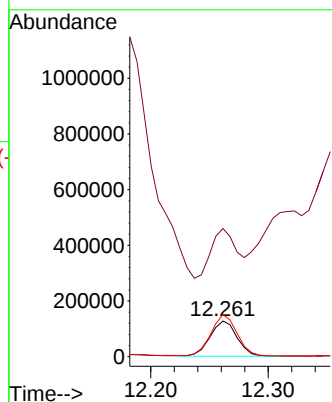
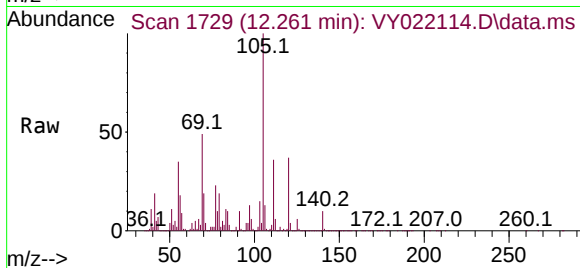




#81
trans-1,4-Dichloro-2-butene
Concen: 110.949 ug/l
RT: 12.261 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

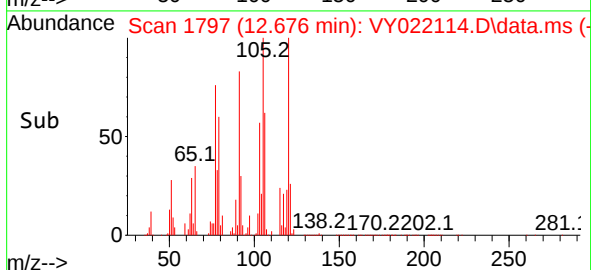
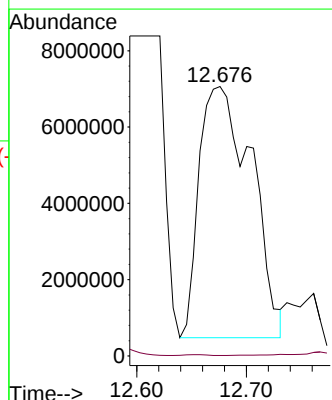
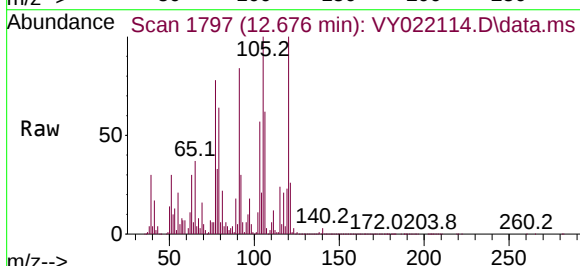
Instrument :
MSVOA_Y
ClientSampleId :
SS-8

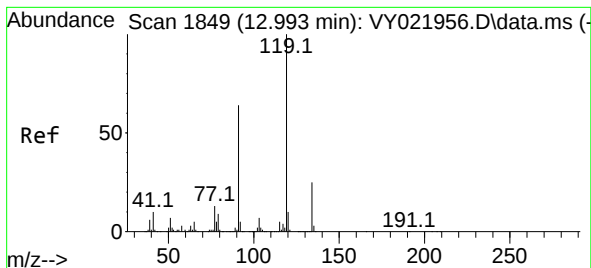
Tgt Ion: 75 Resp: 201884
Ion Ratio Lower Upper
75 100
53 186.2 66.0 99.0#
89 112.9 37.2 55.8#



#82
4-Chlorotoluene
Concen: 886.464 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.098 min
Lab File: VY022114.D
Acq: 01 May 2025 18:00

Tgt Ion: 91 Resp: 21813062
Ion Ratio Lower Upper
91 100
126 0.0 17.9 53.8#





#83

tert-Butylbenzene

Concen: 607.892 ug/l

RT: 13.243 min Scan# 1890

Delta R.T. 0.250 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

SS-8

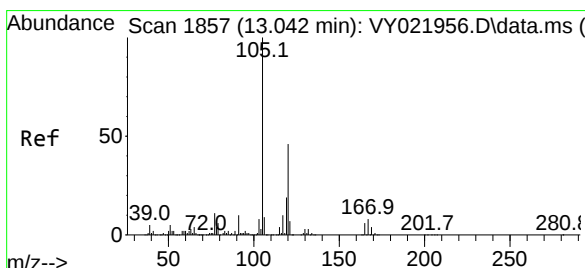
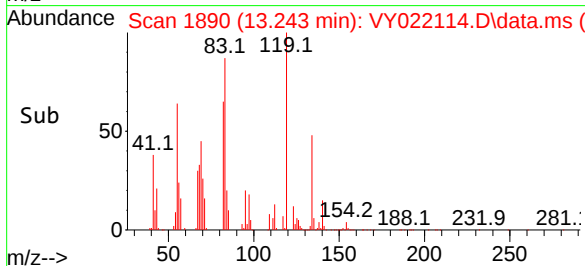
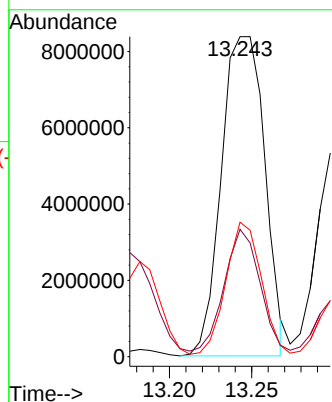
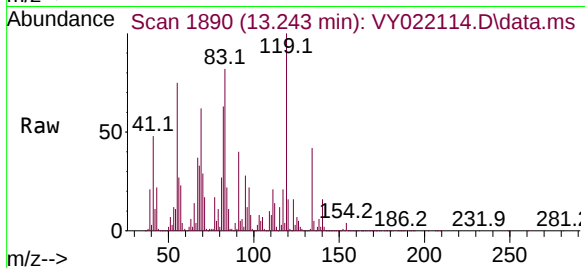
Tgt Ion:119 Resp:15353121

Ion Ratio Lower Upper

119 100

91 30.8 30.3 90.9

134 33.6 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 529.310 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.140 min

Lab File: VY022114.D

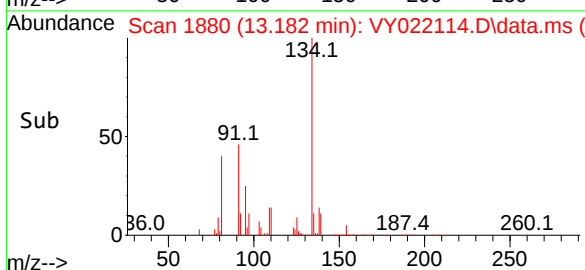
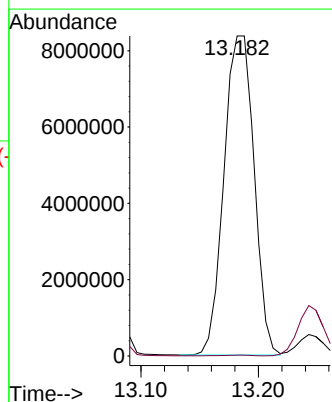
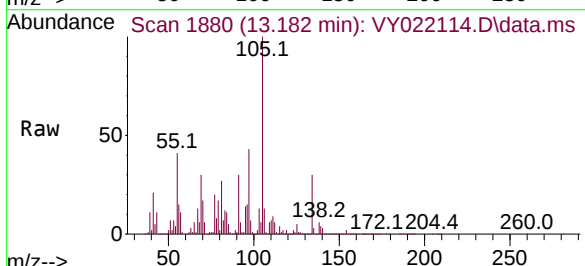
Acq: 01 May 2025 18:00

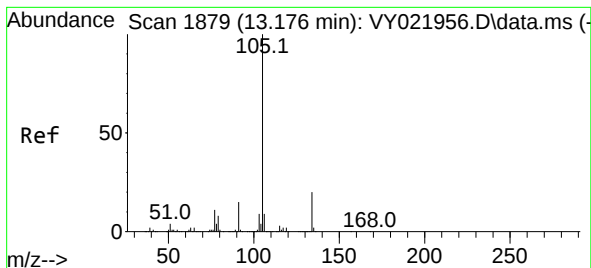
Tgt Ion:105 Resp:14909432

Ion Ratio Lower Upper

105 100

120 0.0 23.4 70.0#





#85

sec-Butylbenzene

Concen: 403.805 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

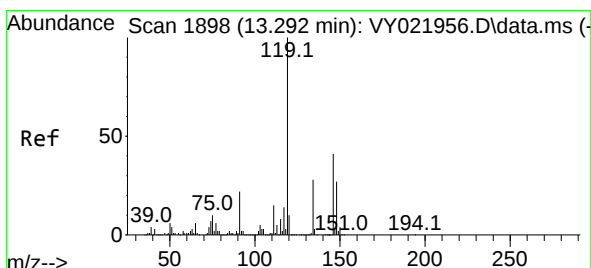
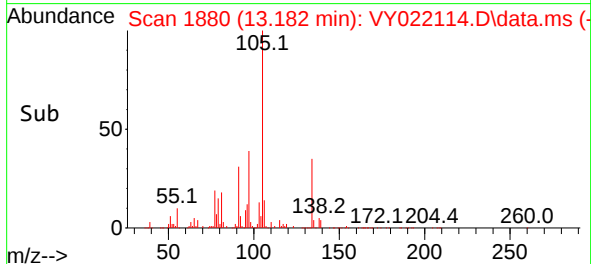
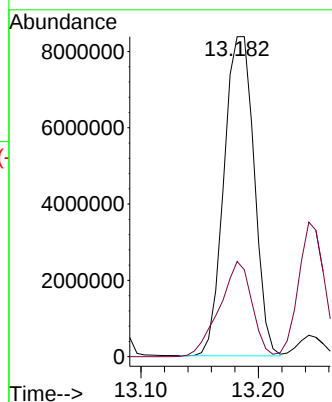
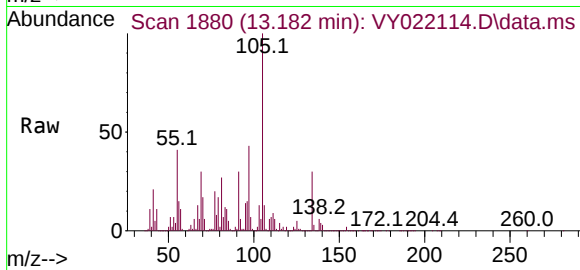
SS-8

Tgt Ion:105 Resp:14923737

Ion Ratio Lower Upper

105 100

134 32.1 10.3 30.9#



#86

p-Isopropyltoluene

Concen: 262.753 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

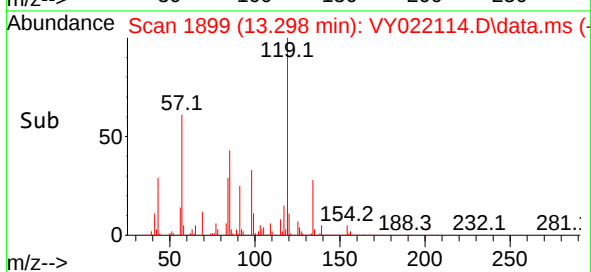
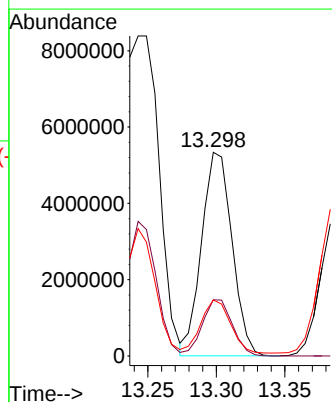
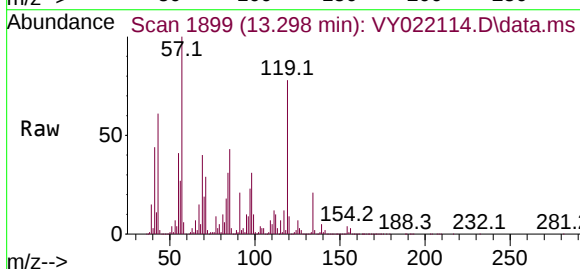
Tgt Ion:119 Resp: 8245920

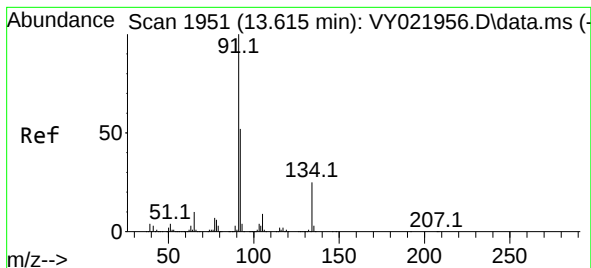
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 25.2 11.0 33.0





#89

n-Butylbenzene

Concen: 451.254 ug/l

RT: 13.627 min Scan# 1951

Delta R.T. 0.012 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

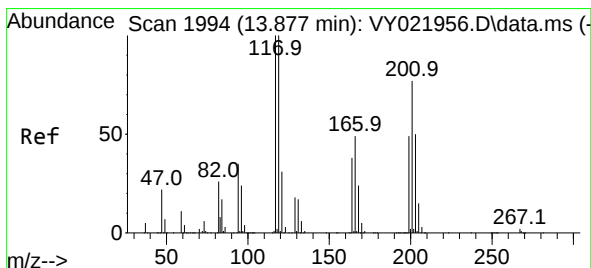
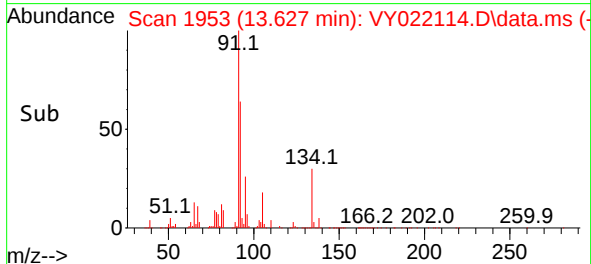
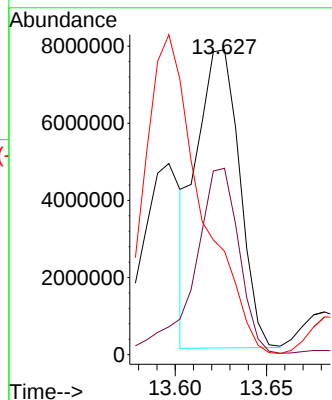
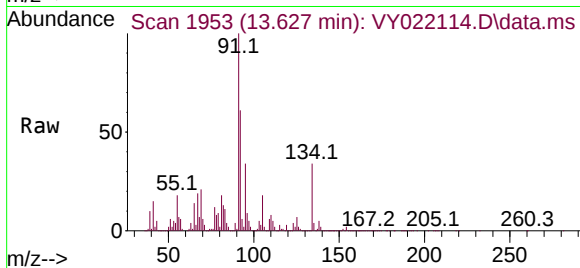
MSVOA_Y

ClientSampleId :

SS-8

Tgt Ion: 91 Resp:12658082

Ion	Ratio	Lower	Upper
91	100		
92	64.1	26.5	79.5
134	0.0	13.4	40.1#



#90

Hexachloroethane

Concen: 318.340 ug/l

RT: 13.901 min Scan# 1998

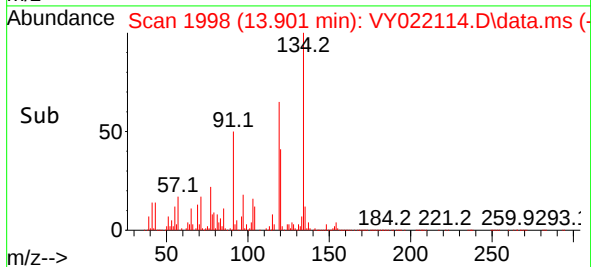
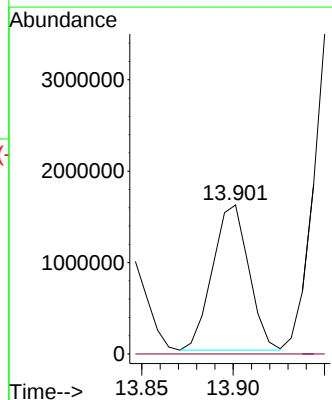
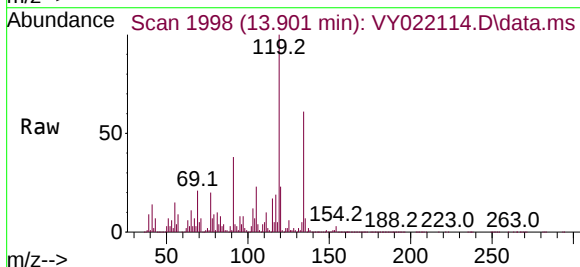
Delta R.T. 0.024 min

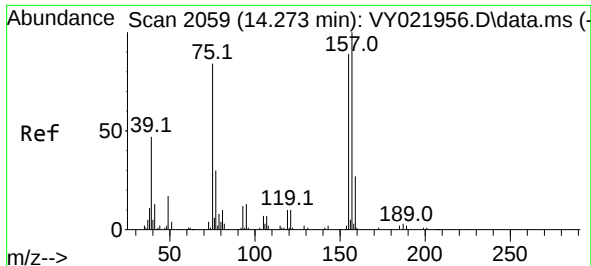
Lab File: VY022114.D

Acq: 01 May 2025 18:00

Tgt Ion:117 Resp: 2194980

Ion	Ratio	Lower	Upper
117	100		
201	0.0	38.7	116.1#





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.812 ug/l

RT: 14.255 min Scan# 2056

Delta R.T. -0.018 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

Instrument :

MSVOA_Y

ClientSampleId :

SS-8

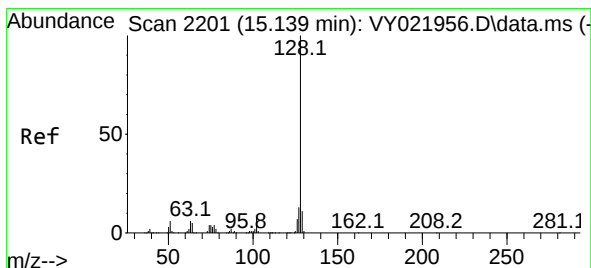
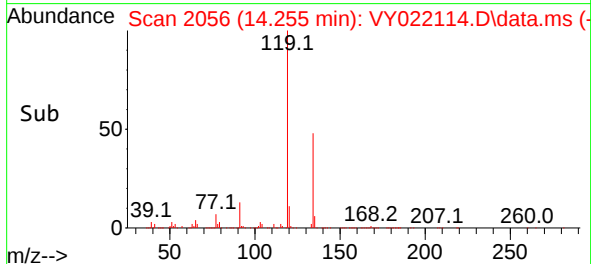
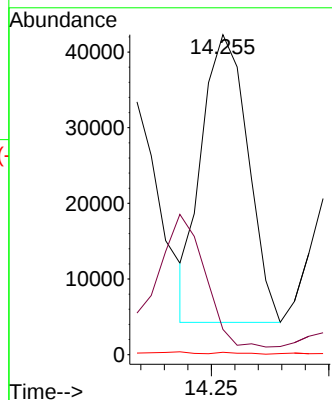
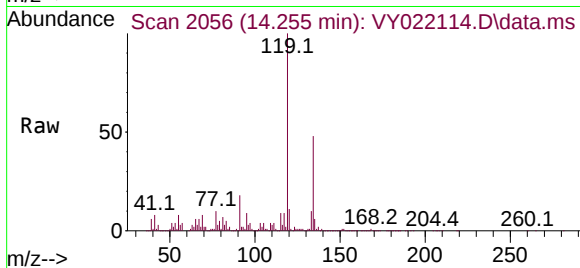
Tgt Ion: 75 Resp: 52084

Ion Ratio Lower Upper

75 100

155 0.0 50.7 152.3#

157 0.3 62.6 187.8#



#95

Naphthalene

Concen: 116.982 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY022114.D

Acq: 01 May 2025 18:00

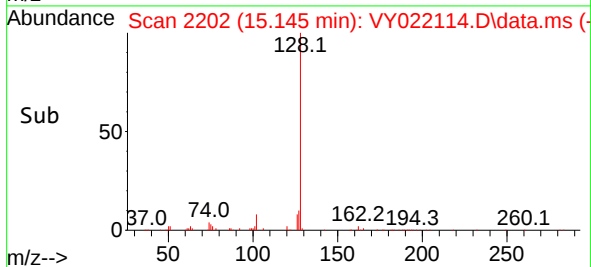
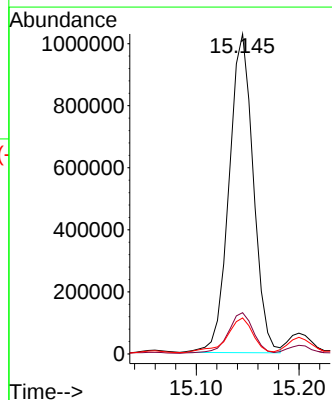
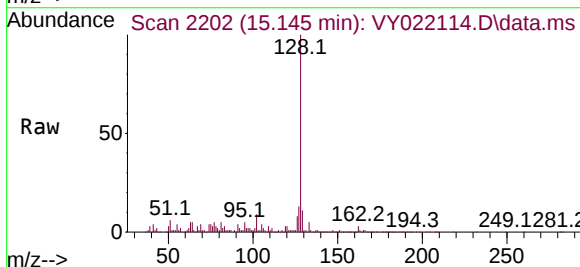
Tgt Ion:128 Resp: 1684737

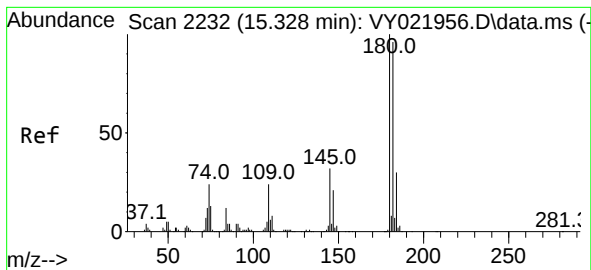
Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

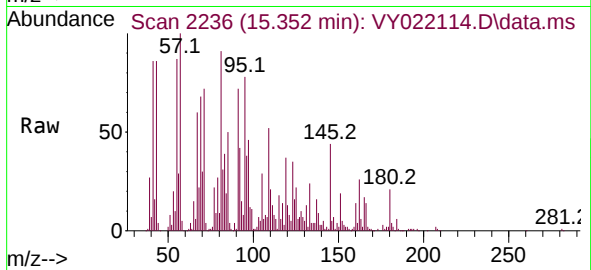
129 11.6 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 1.659 ug/l
 RT: 15.352 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VY022114.D
 Acq: 01 May 2025 18:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-8



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.1	144.4#
145	678.4	16.0	48.0#

