

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021715.D
 Acq On : 31 Mar 2025 13:27
 Operator : SY/MD
 Sample : Q1679-03
 Misc : 6.20g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10-VOC

Quant Time: Apr 01 05:36:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	225472	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	427834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	403099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	165889	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148563	60.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.620%
35) Dibromofluoromethane	7.634	113	149548	53.886	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.780%
50) Toluene-d8	10.109	98	528244	50.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.060%
62) 4-Bromofluorobenzene	12.408	95	168484	47.178	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.360%

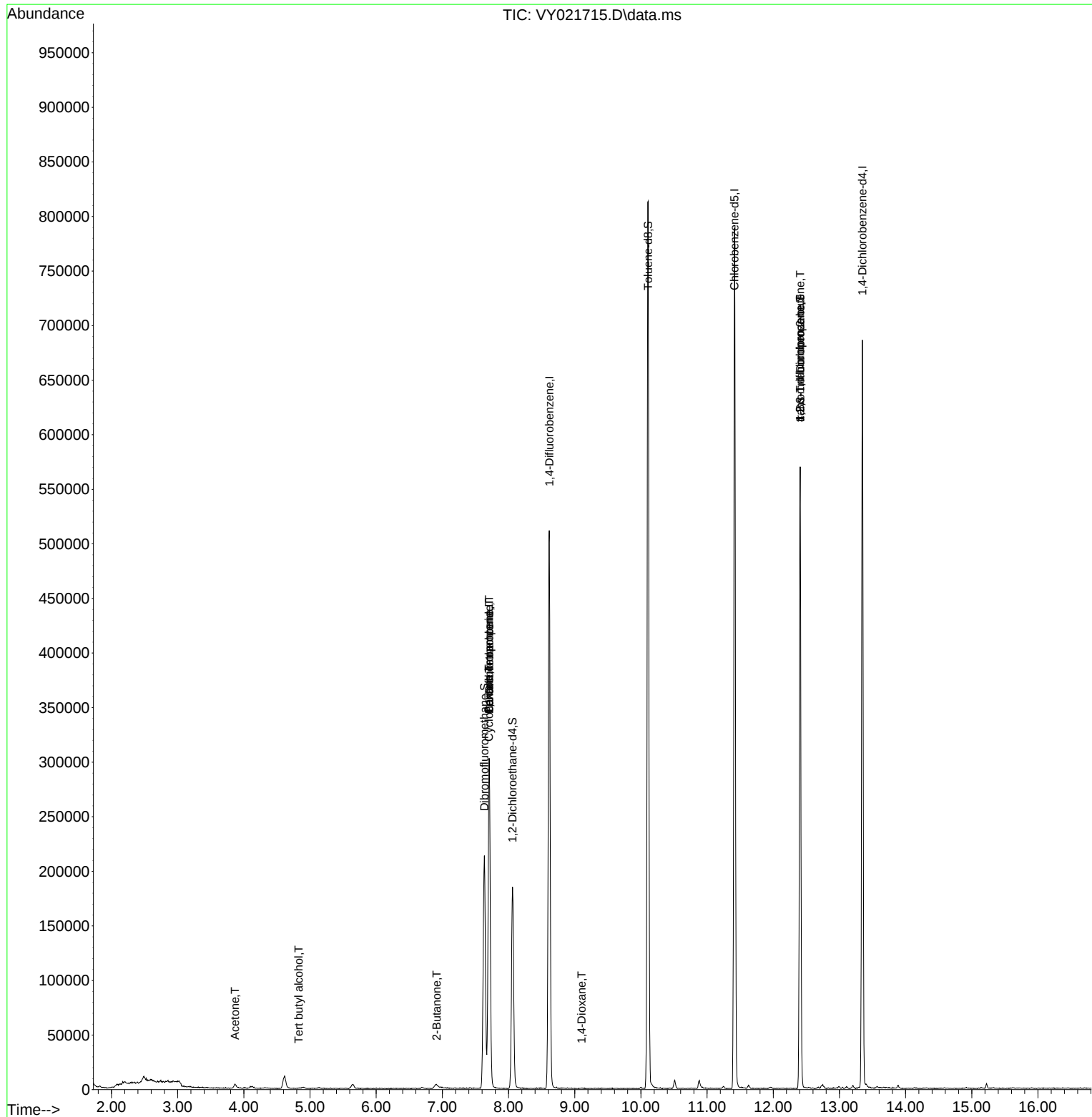
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.830	59	510	3.214	ug/l	# 70
16) Acetone	3.866	43	6189	12.379	ug/l	96
20) Methylene Chloride	4.604	84	8002	Below Cal		94
25) 2-Butanone	6.915	43	1282	1.795	ug/l	# 48
31) Cyclohexane	7.701	56	5428	1.259	ug/l	# 6
36) 1,1-Dichloropropene	7.707	75	19007	4.496	ug/l	# 50
38) Carbon Tetrachloride	7.707	117	23544	4.863	ug/l	# 18
49) 1,4-Dioxane	9.103	88	100	5.405	ug/l	# 21
76) 1,2,3-Trichloropropane	12.408	75	90933	55.299	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	90933	127.418	ug/l	# 12

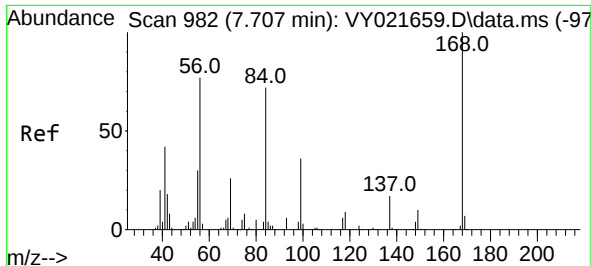
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
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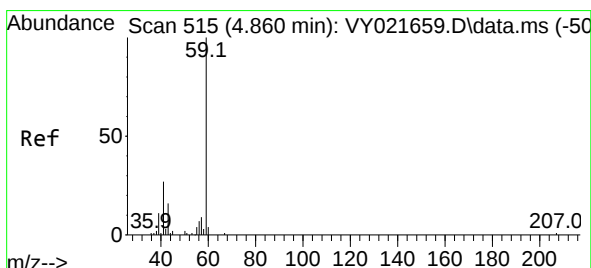
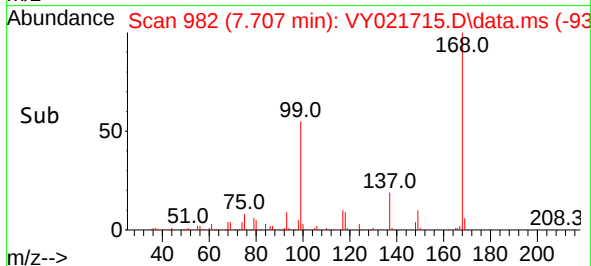
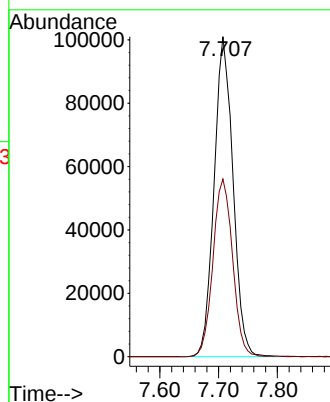
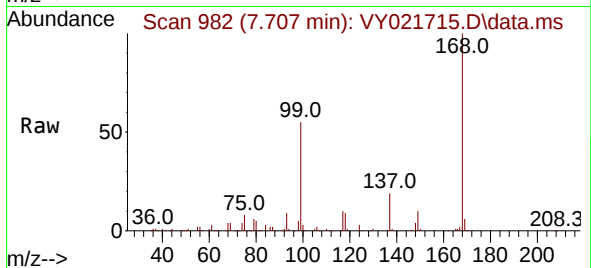




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

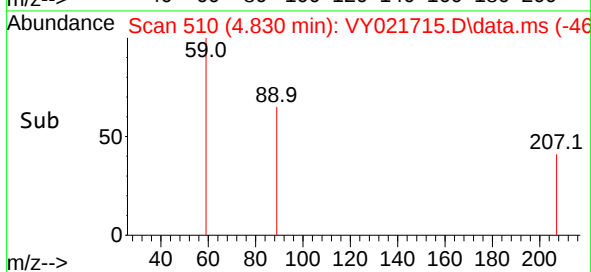
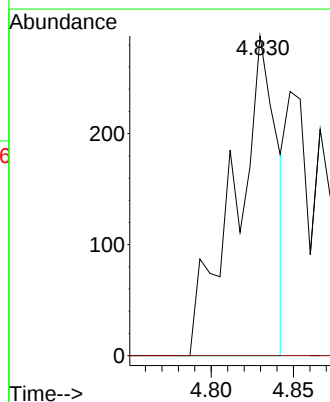
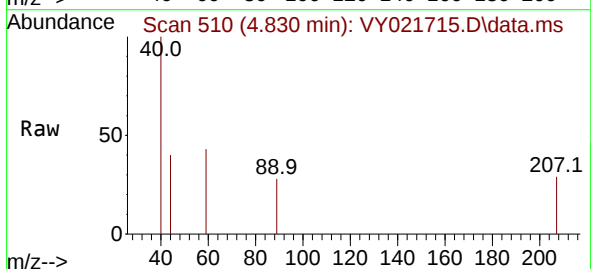
Instrument :
MSVOA_Y
ClientSampleId :
TP-10-VOC

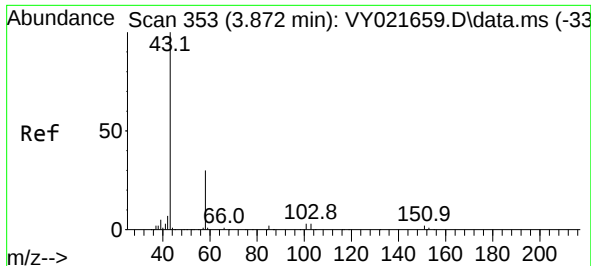
Tgt Ion:168 Resp: 225472
Ion Ratio Lower Upper
168 100
99 55.5 46.7 70.1



#11
Tert butyl alcohol
Concen: 3.214 ug/l
RT: 4.830 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

Tgt Ion: 59 Resp: 510
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8#





#16

Acetone

Concen: 12.379 ug/l

RT: 3.866 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY021715.D

Acq: 31 Mar 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

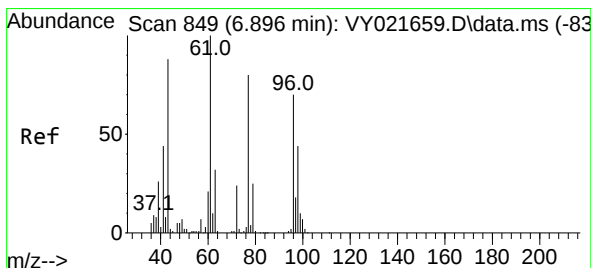
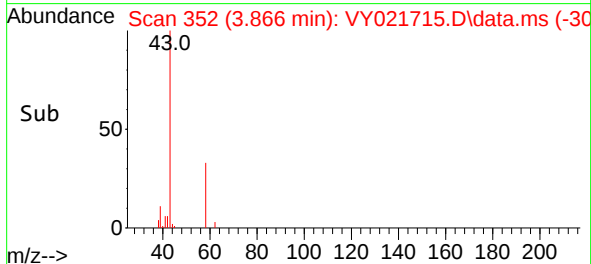
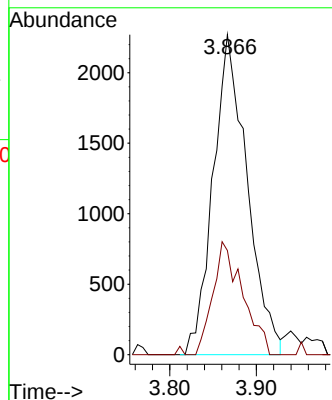
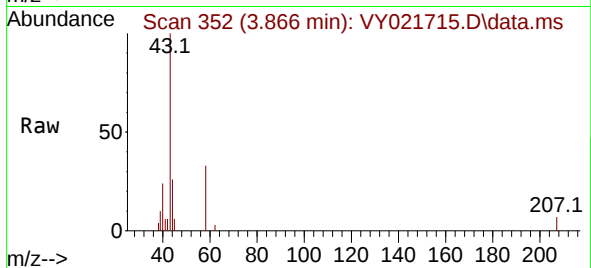
TP-10-VOC

Tgt Ion: 43 Resp: 6189

Ion Ratio Lower Upper

43 100

58 32.6 24.2 36.4



#25

2-Butanone

Concen: 1.795 ug/l

RT: 6.915 min Scan# 852

Delta R.T. 0.018 min

Lab File: VY021715.D

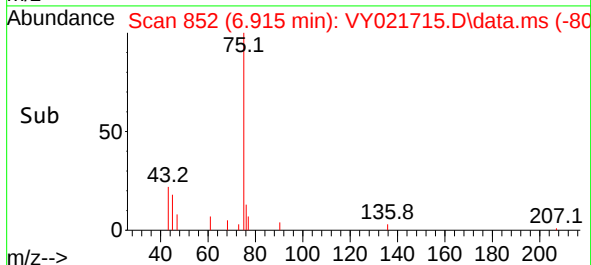
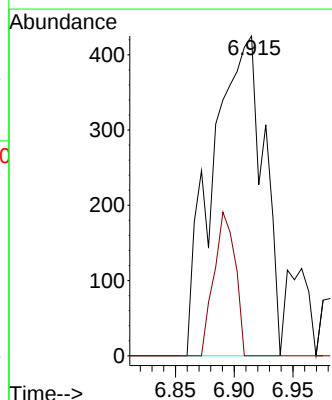
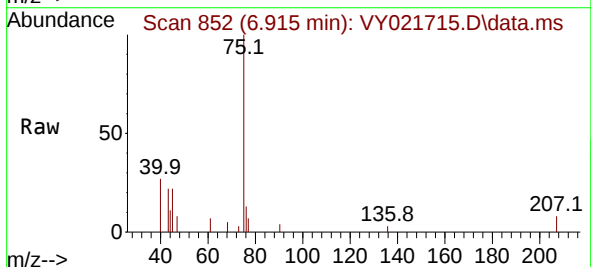
Acq: 31 Mar 2025 13:27

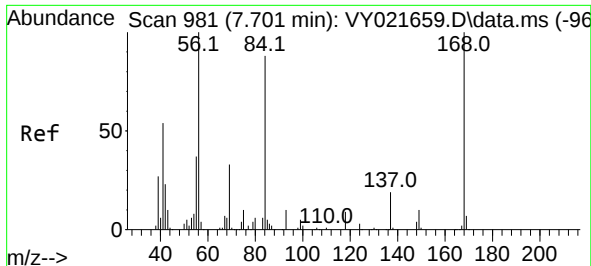
Tgt Ion: 43 Resp: 1282

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#

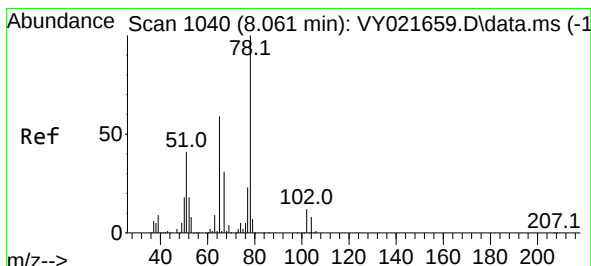
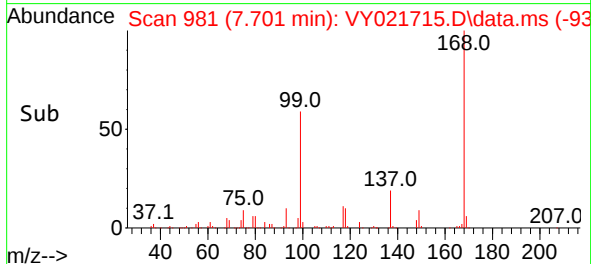
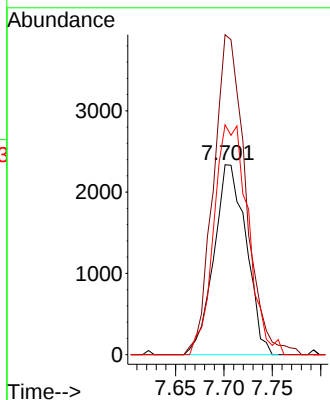
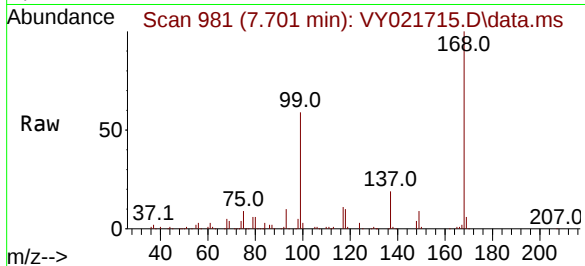




#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

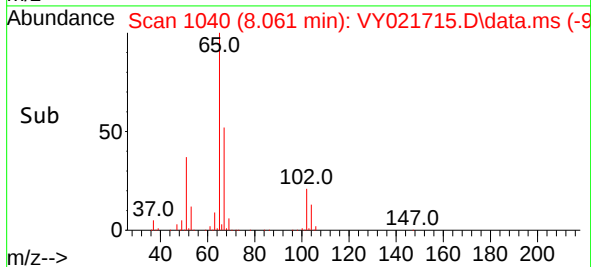
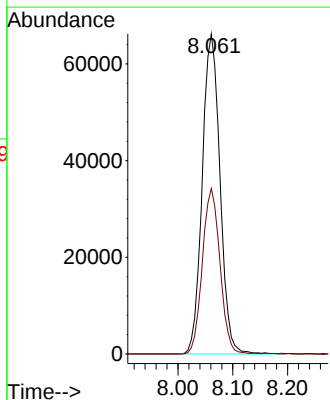
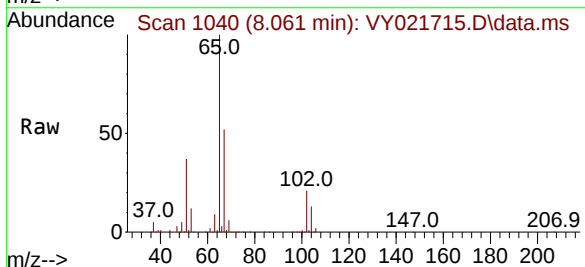
Instrument :
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TP-10-VOC

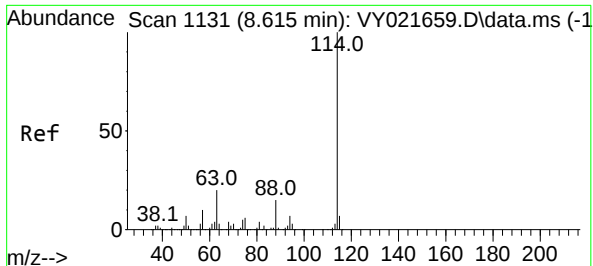
Tgt Ion: 56 Resp: 5428
Ion Ratio Lower Upper
56 100
69 168.5 26.6 40.0#
84 121.1 69.0 103.4#



#33
1,2-Dichloroethane-d4
Concen: 60.814 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

Tgt Ion: 65 Resp: 148563
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.6

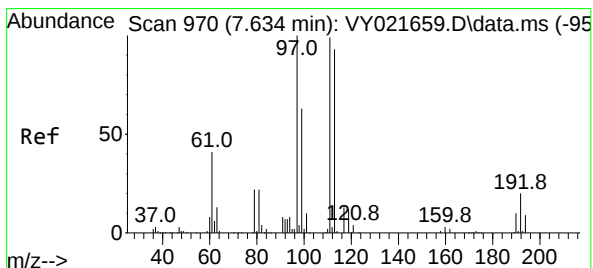
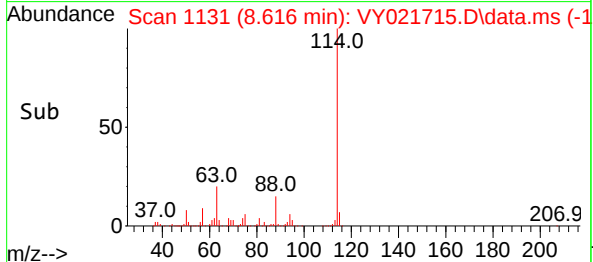
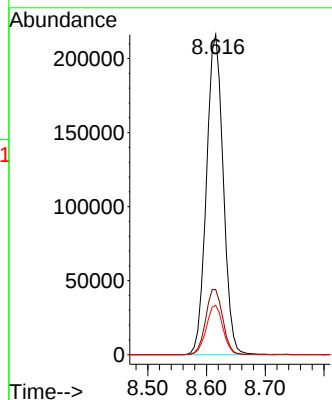
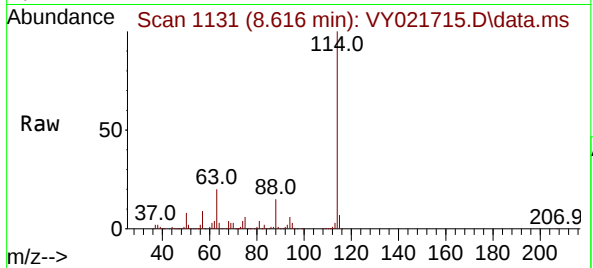




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

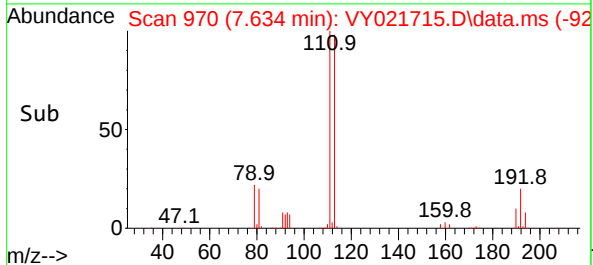
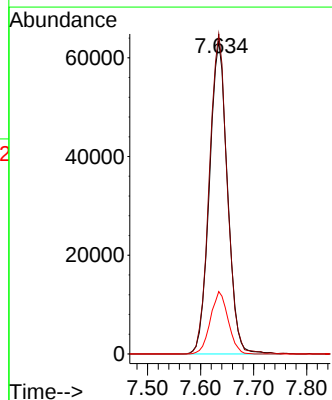
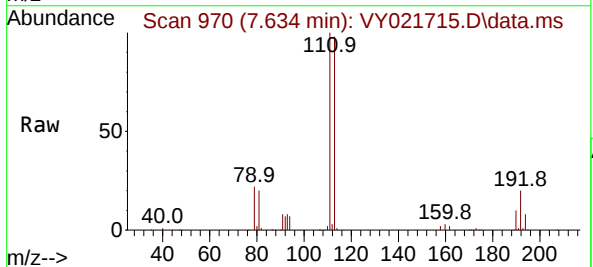
Instrument :
MSVOA_Y
ClientSampleId :
TP-10-VOC

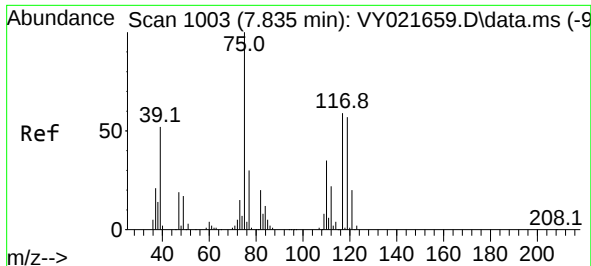
Tgt Ion:114 Resp: 427834
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.2
88 15.4 0.0 29.8



#35
Dibromofluoromethane
Concen: 53.886 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

Tgt Ion:113 Resp: 149548
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 19.6 16.2 24.4

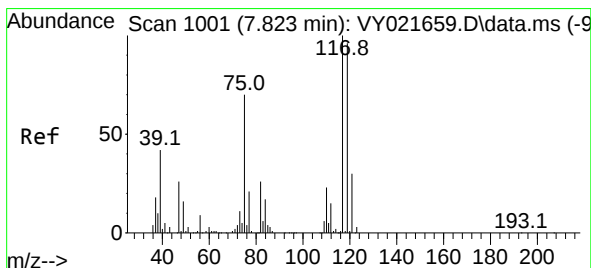
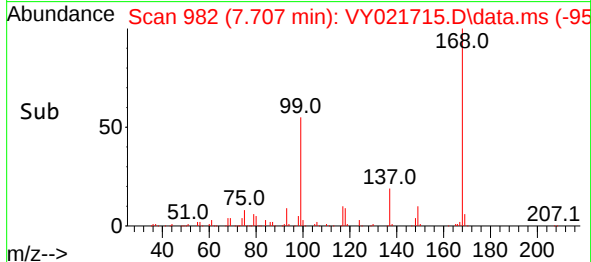
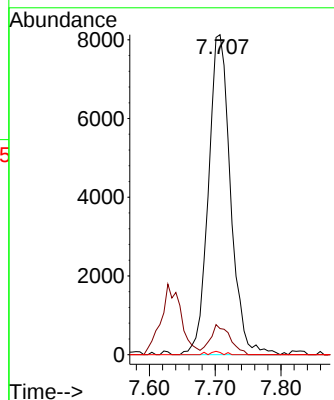
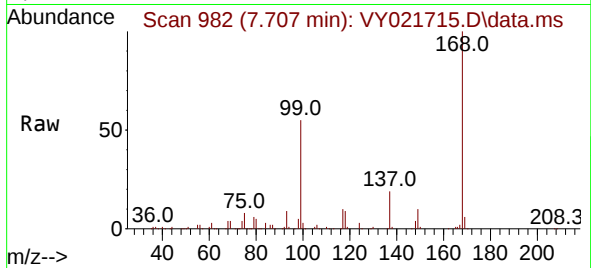




#36
1,1-Dichloropropene
Concen: 4.496 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

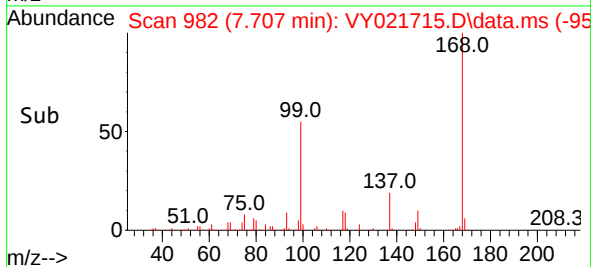
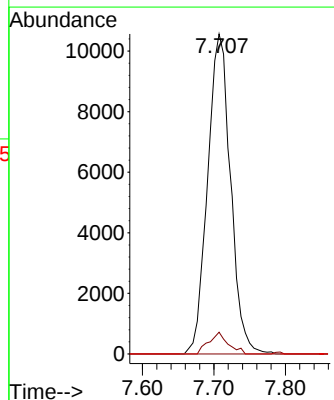
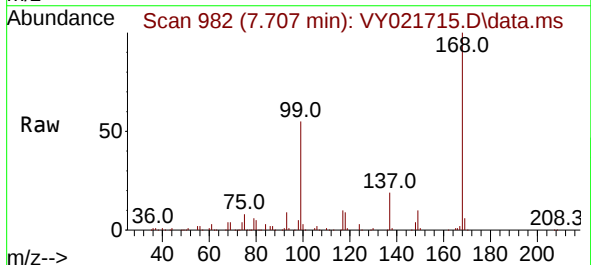
Instrument :
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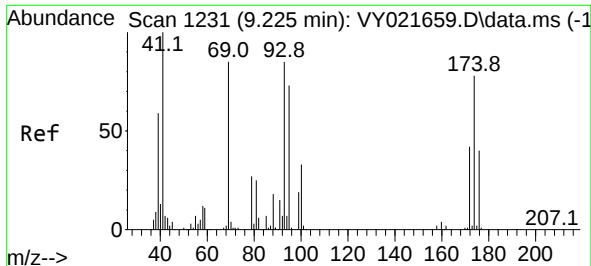
Tgt Ion: 75 Resp: 19007
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.6 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 4.863 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

Tgt Ion: 117 Resp: 23544
Ion Ratio Lower Upper
117 100
119 6.8 76.2 114.4#
121 0.0 24.2 36.4#





#49

1,4-Dioxane

Concen: 5.405 ug/l

RT: 9.103 min Scan# 1211

Delta R.T. -0.122 min

Lab File: VY021715.D

Acq: 31 Mar 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-10-VOC

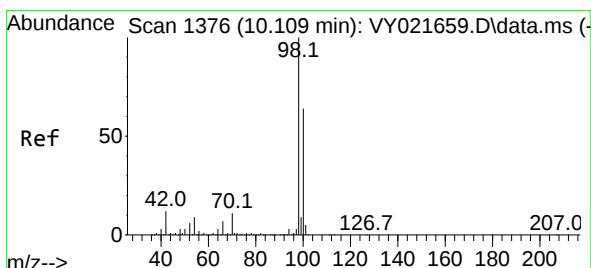
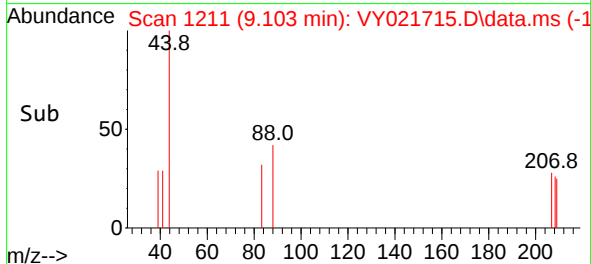
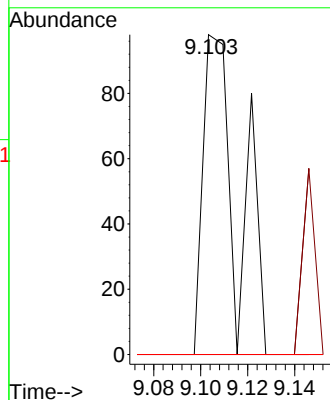
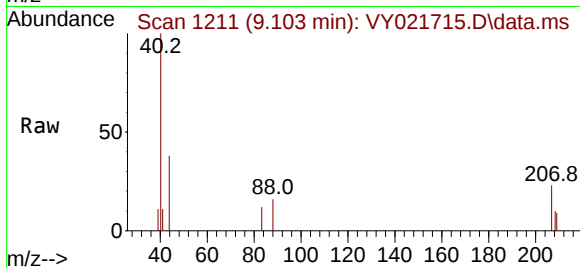
Tgt Ion: 88 Resp: 100

Ion Ratio Lower Upper

88 100

43 0.0 28.8 43.2#

58 0.0 59.4 89.2#



#50

Toluene-d8

Concen: 50.032 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021715.D

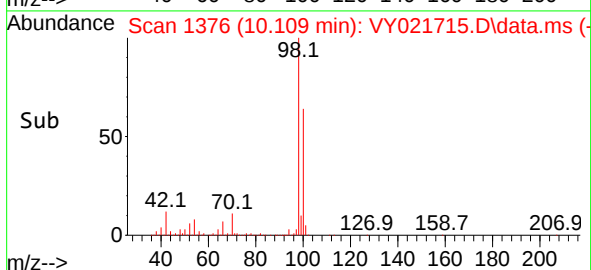
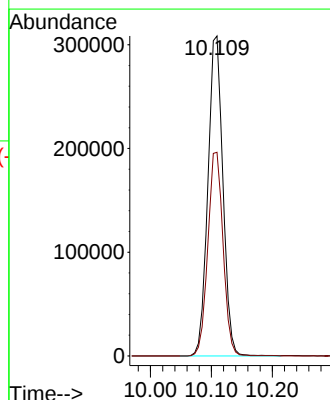
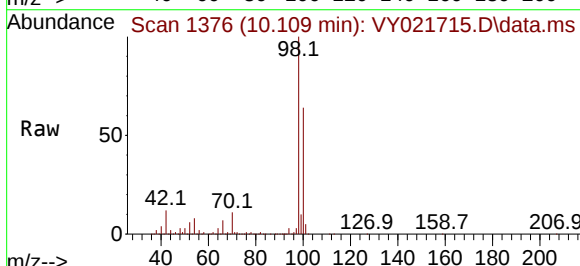
Acq: 31 Mar 2025 13:27

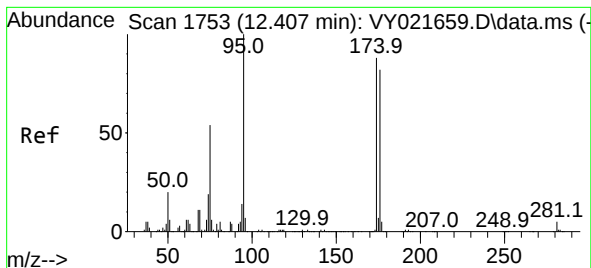
Tgt Ion: 98 Resp: 528244

Ion Ratio Lower Upper

98 100

100 64.5 52.1 78.1

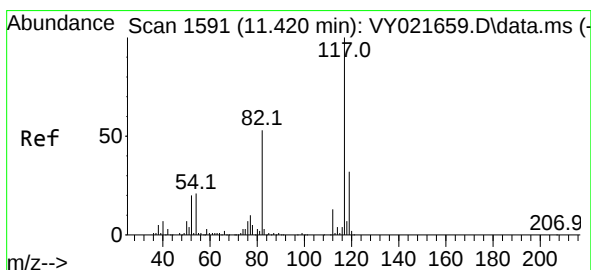
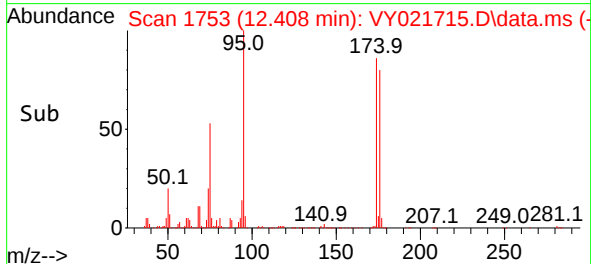
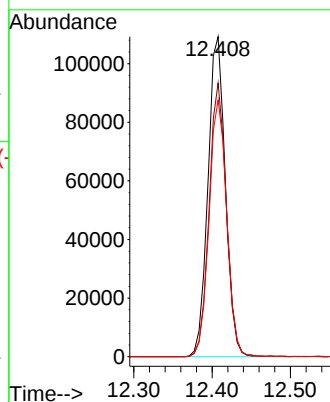
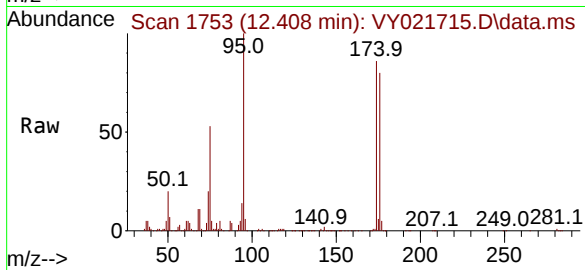




#62
4-Bromofluorobenzene
Concen: 47.178 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

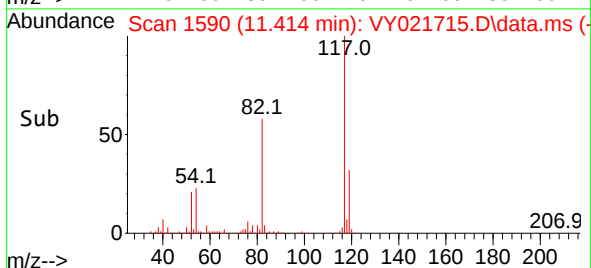
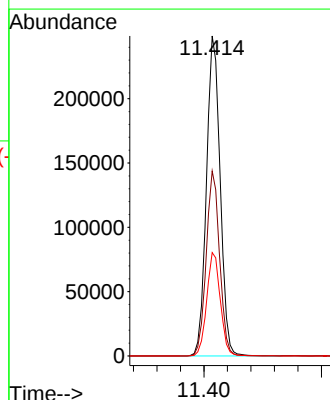
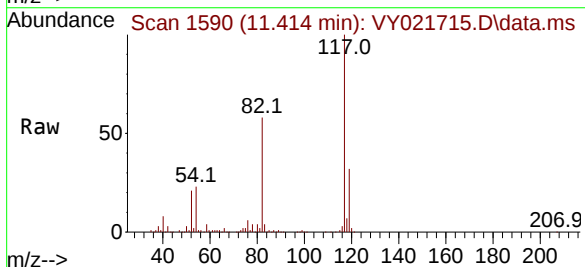
Instrument :
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TP-10-VOC

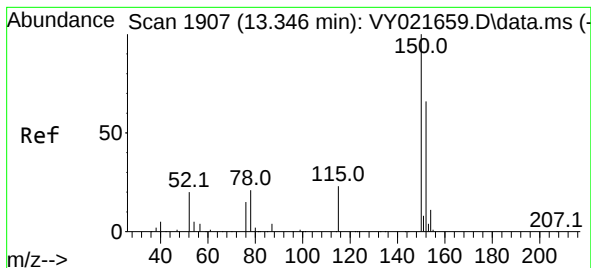
Tgt Ion: 95 Resp: 168484
Ion Ratio Lower Upper
95 100
174 84.5 0.0 170.8
176 81.2 0.0 162.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021715.D
Acq: 31 Mar 2025 13:27

Tgt Ion: 117 Resp: 403099
Ion Ratio Lower Upper
117 100
82 57.8 42.8 64.2
119 32.3 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021715.D

Acq: 31 Mar 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-10-VOC

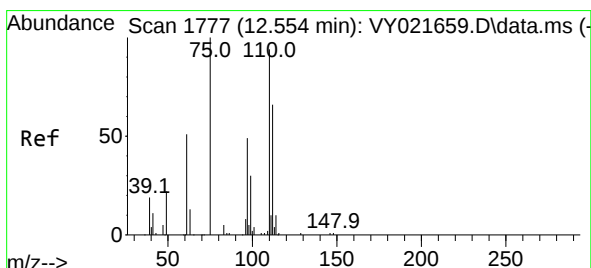
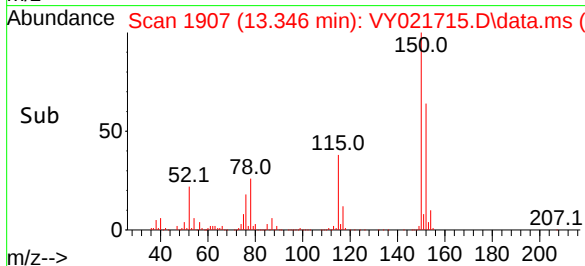
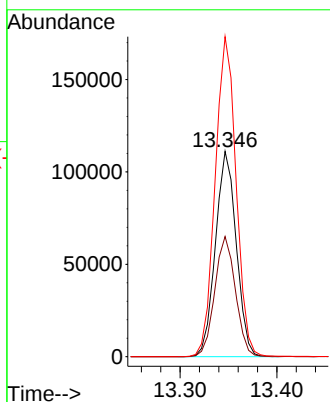
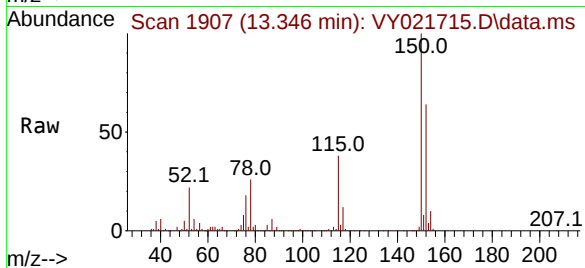
Tgt Ion:152 Resp: 165889

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 156.8 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 55.299 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY021715.D

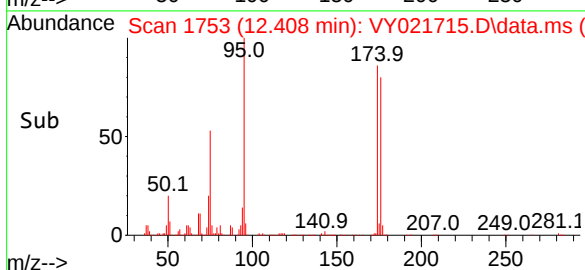
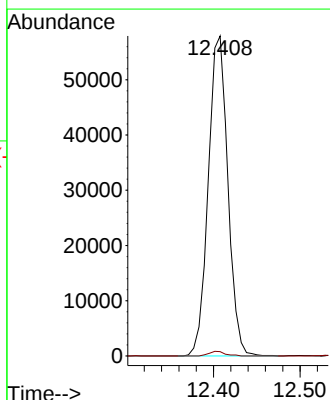
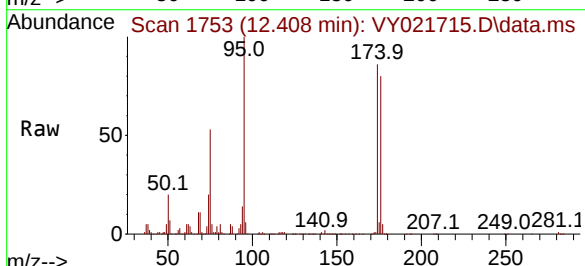
Acq: 31 Mar 2025 13:27

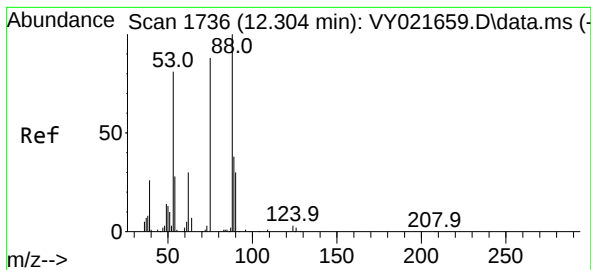
Tgt Ion: 75 Resp: 90933

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.418 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY021715.D
 Acq: 31 Mar 2025 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10-VOC

Tgt Ion: 75 Resp: 90933
 Ion Ratio Lower Upper
 75 100
 53 0.2 76.1 114.1#
 89 0.0 36.2 54.4#

