

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017572.D
 Acq On : 05 Mar 2024 15:30
 Operator : SY/MD
 Sample : P1666-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-030124

Quant Time: Mar 05 22:05:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

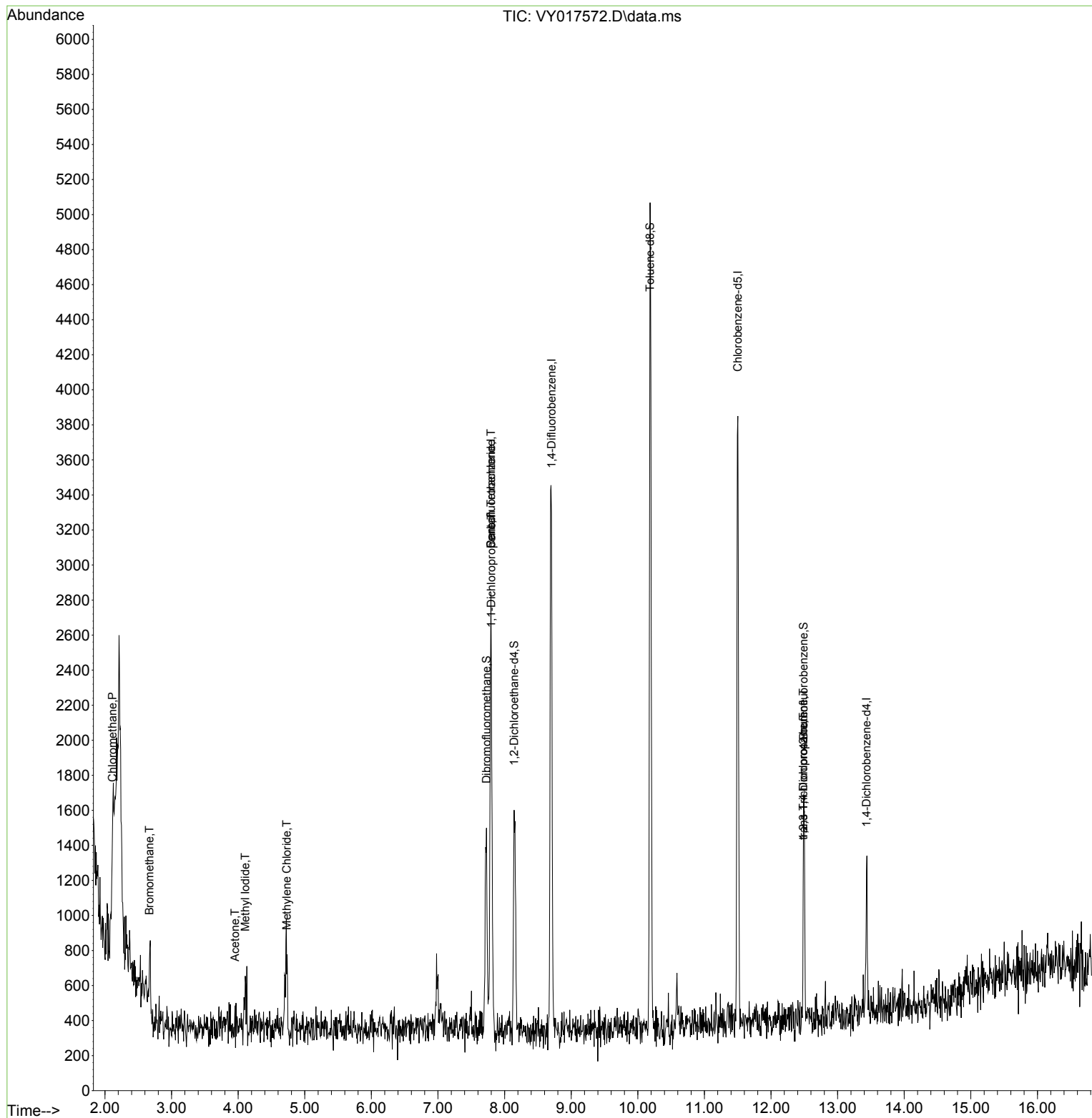
Internal Standards						
1) Pentafluorobenzene	7.795	168	2599	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.703	114	3764	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	2571	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1182	47.987	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.980%
35) Dibromofluoromethane	7.728	113	926	35.305	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	70.600%
50) Toluene-d8	10.185	98	3873	42.233	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.460%
62) 4-Bromofluorobenzene	12.489	95	435	15.093	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	30.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	146	4.168	ug/l	# 43
5) Bromomethane	2.668	94	129	3.523	ug/l	91
10) Methyl Iodide	4.107	142	395	13.360	ug/l	# 65
16) Acetone	3.954	43	28	5.861	ug/l	# 36
20) Methylene Chloride	4.729	84	346	7.692	ug/l	# 49
36) 1,1-Dichloropropene	7.801	75	152	4.295	ug/l	# 40
38) Carbon Tetrachloride	7.795	117	209	5.893	ug/l	# 13
76) 1,2,3-Trichloropropane	12.483	75	211	82.862	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	211	190.398	ug/l	# 16

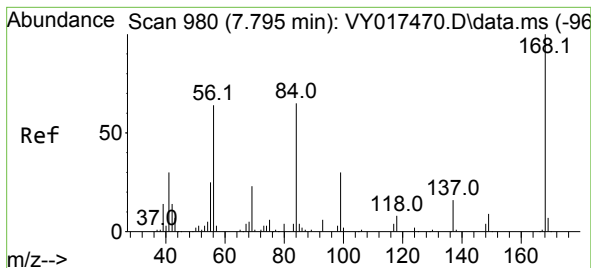
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY017572.D

Acq: 05 Mar 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

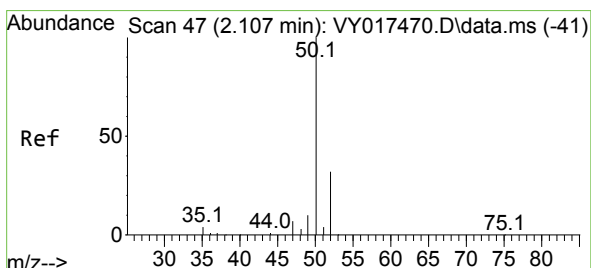
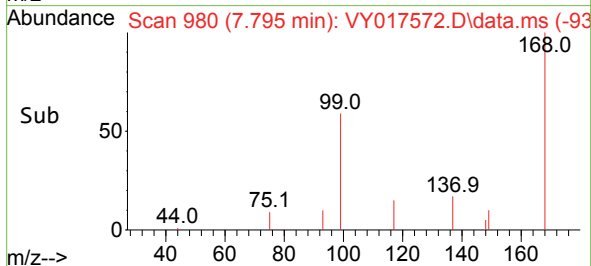
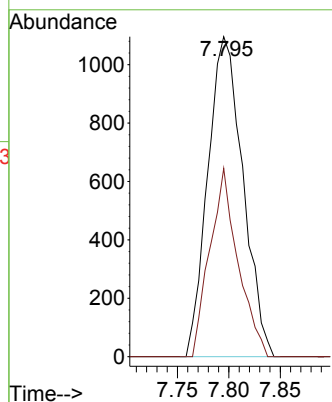
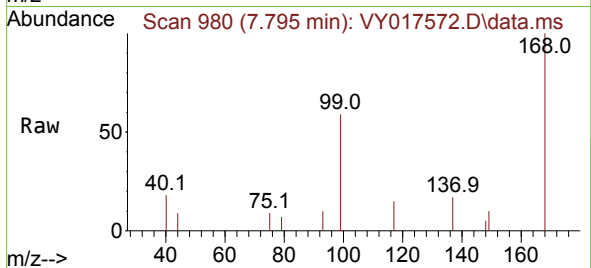
OR-02-030124

Tgt Ion:168 Resp: 2599

Ion Ratio Lower Upper

168 100

99 58.9 39.1 58.7#



#3

Chloromethane

Concen: 4.168 ug/l

RT: 2.113 min Scan# 48

Delta R.T. 0.006 min

Lab File: VY017572.D

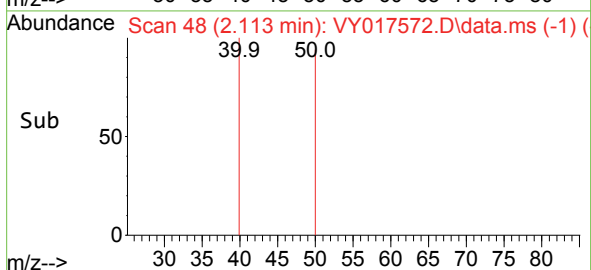
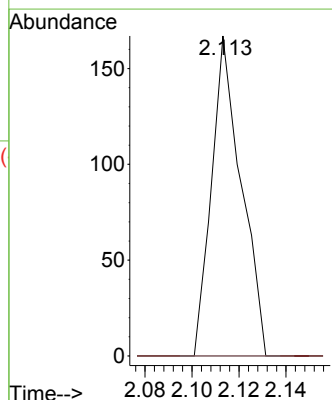
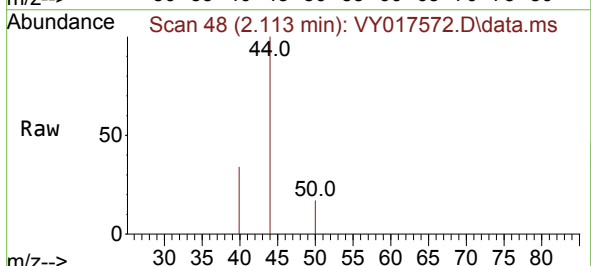
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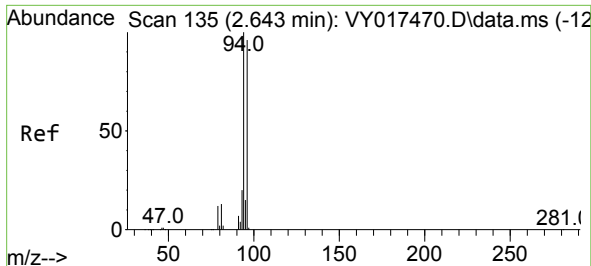
Tgt Ion: 50 Resp: 146

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#

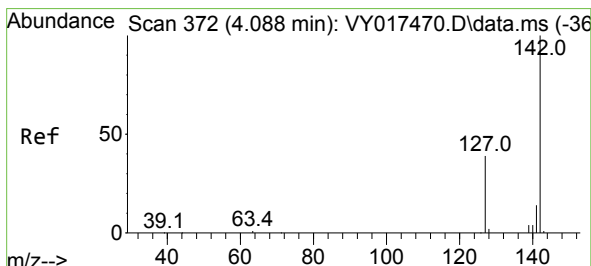
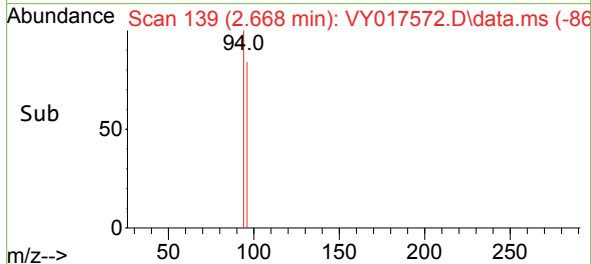
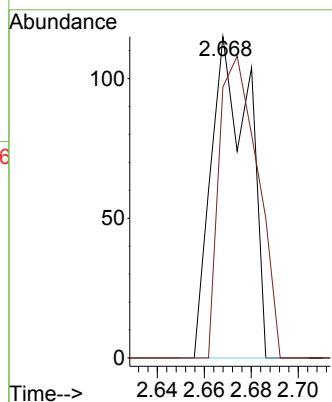
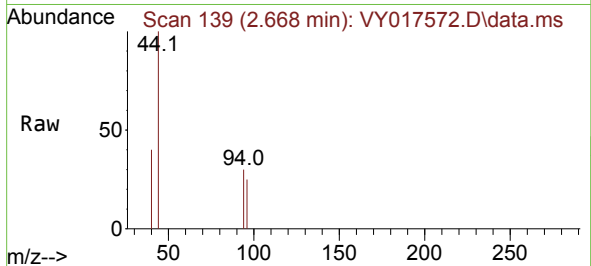




#5
Bromomethane
Concen: 3.523 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY017572.D
Acq: 05 Mar 2024 15:30

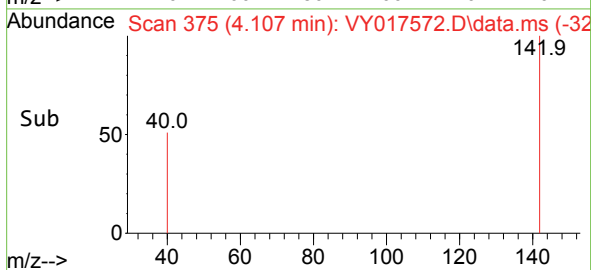
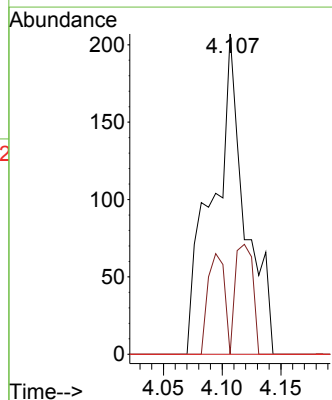
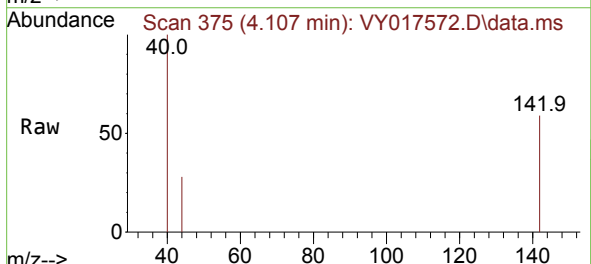
Instrument :
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OR-02-030124

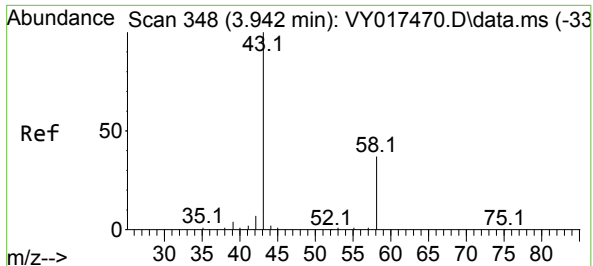
Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 84.3 74.1 111.1



#10
Methyl Iodide
Concen: 13.360 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.018 min
Lab File: VY017572.D
Acq: 05 Mar 2024 15:30

Tgt Ion: 142 Resp: 395
Ion Ratio Lower Upper
142 100
127 18.7 32.8 49.2#
141 0.0 11.4 17.2#





#16

Acetone

Concen: 5.861 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY017572.D

Acq: 05 Mar 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

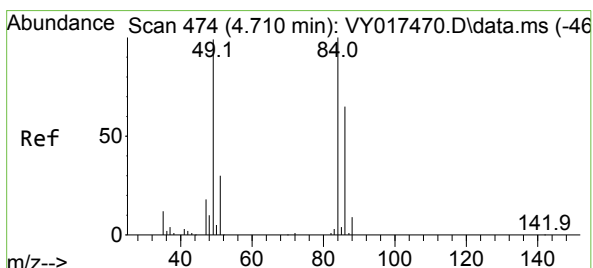
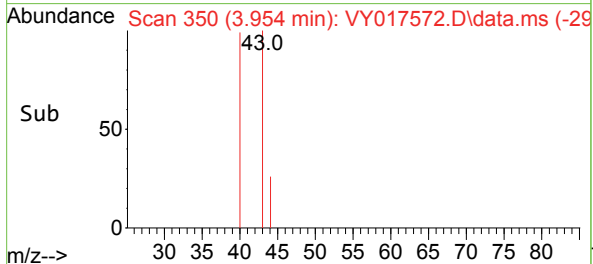
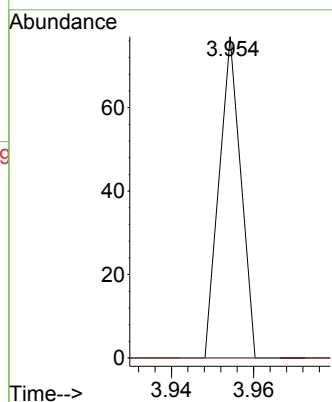
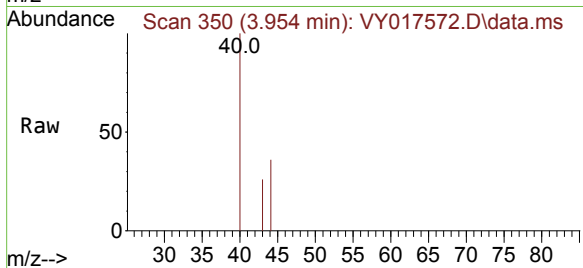
OR-02-030124

Tgt Ion: 43 Resp: 28

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: 7.692 ug/l

RT: 4.729 min Scan# 477

Delta R.T. 0.019 min

Lab File: VY017572.D

Acq: 05 Mar 2024 15:30

Tgt Ion: 84 Resp: 346

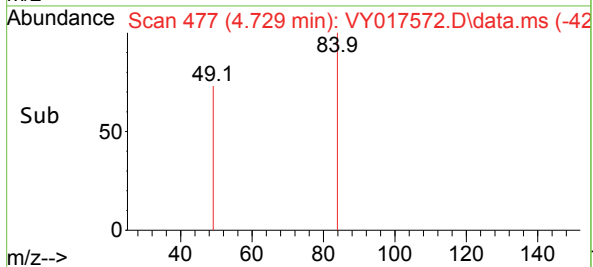
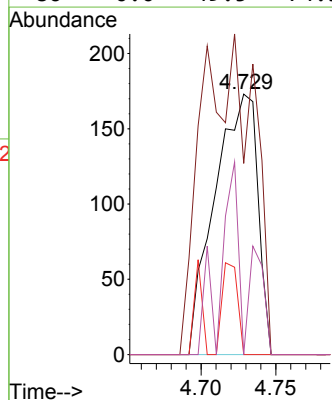
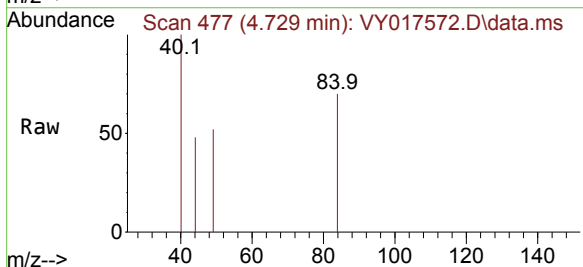
Ion Ratio Lower Upper

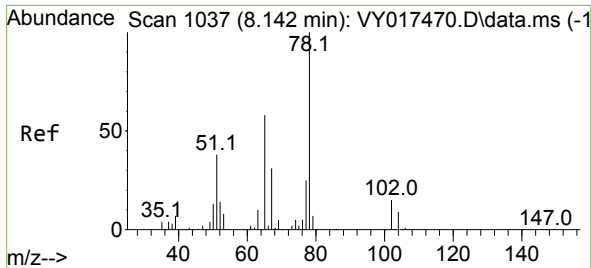
84 100

49 73.4 84.4 126.6#

51 0.0 26.0 39.0#

86 0.0 49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 47.987 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY017572.D

Acq: 05 Mar 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

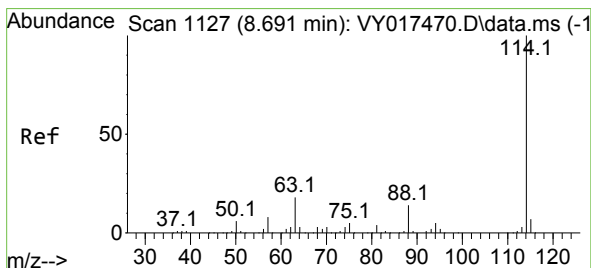
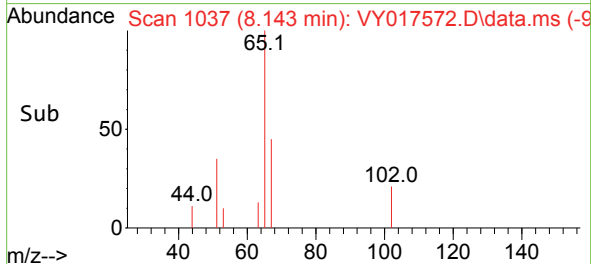
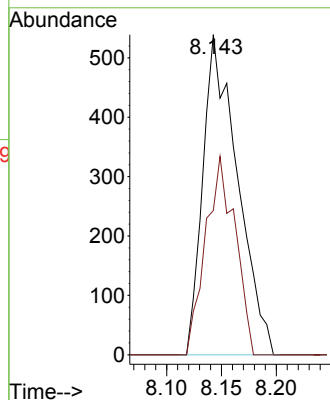
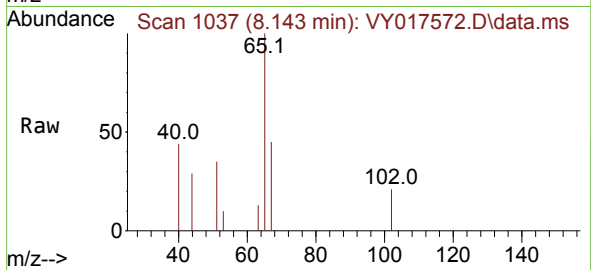
OR-02-030124

Tgt Ion: 65 Resp: 1182

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017572.D

Acq: 05 Mar 2024 15:30

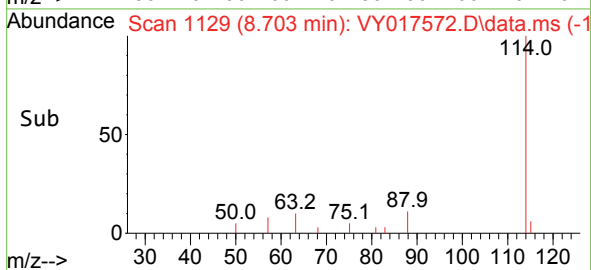
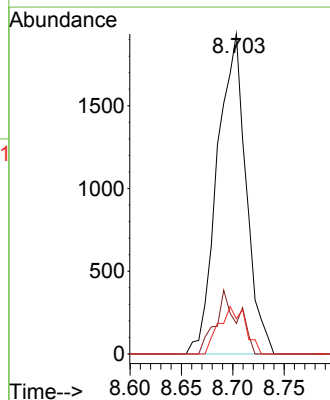
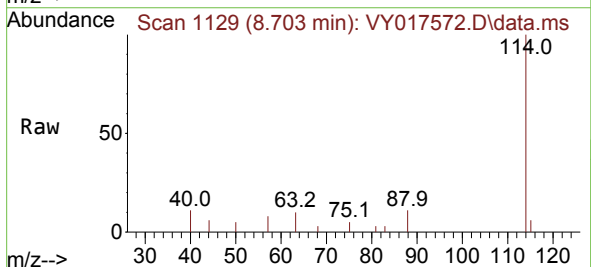
Tgt Ion: 114 Resp: 3764

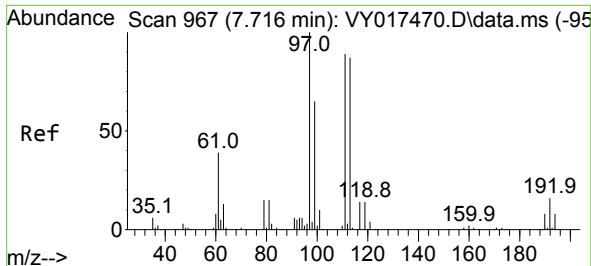
Ion Ratio Lower Upper

114 100

63 9.6 0.0 35.0

88 11.0 0.0 27.2

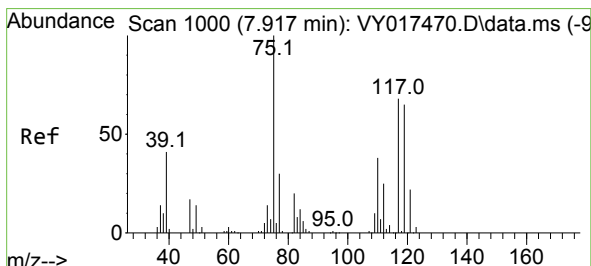
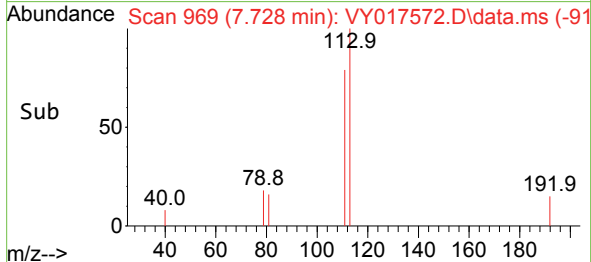
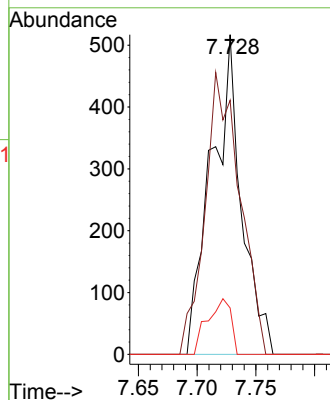
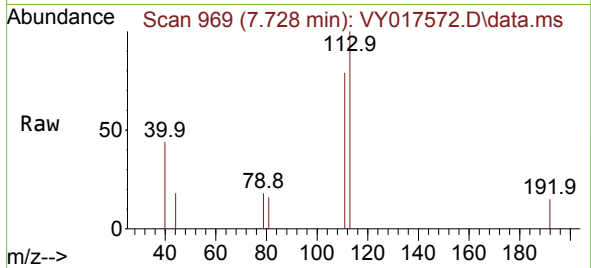




#35
 Dibromofluoromethane
 Concen: 35.305 ug/l
 RT: 7.728 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VY017572.D
 Acq: 05 Mar 2024 15:30

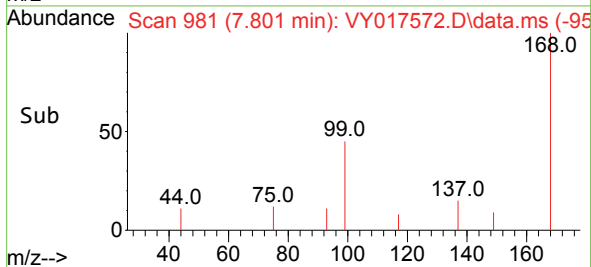
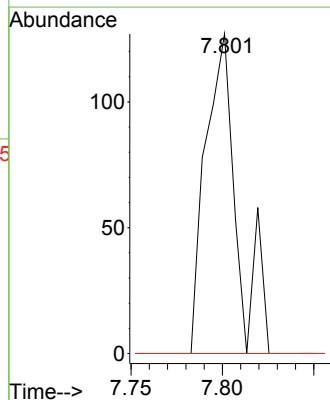
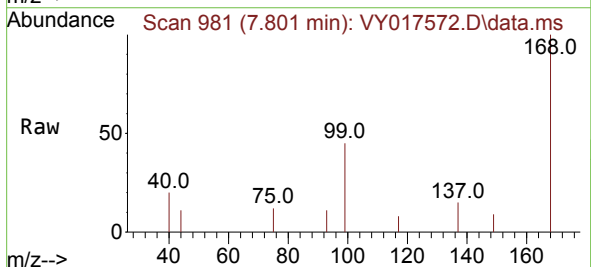
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-030124

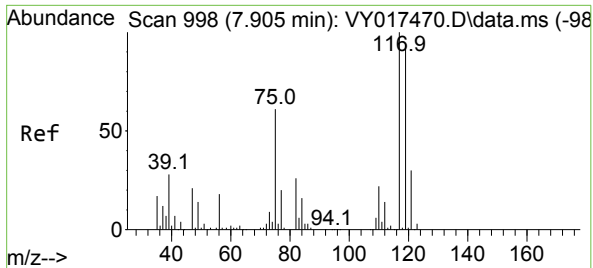
Tgt Ion:113 Resp: 926
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 13.5 15.9 23.9#



#36
 1,1-Dichloropropene
 Concen: 4.295 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.116 min
 Lab File: VY017572.D
 Acq: 05 Mar 2024 15:30

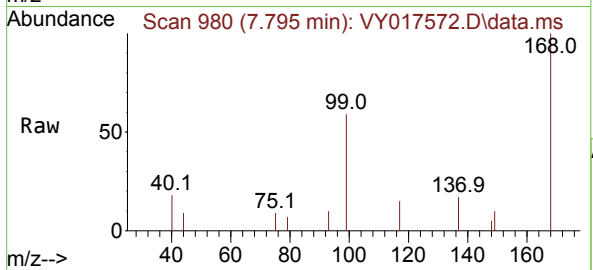
Tgt Ion: 75 Resp: 152
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.0 57.0#
 77 0.0 25.3 37.9#



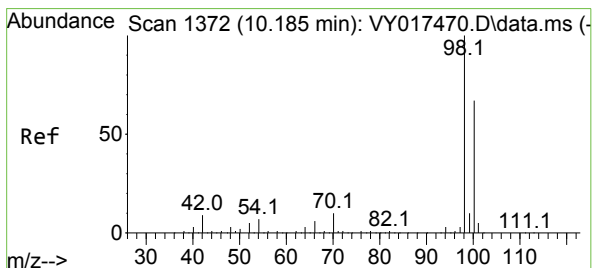
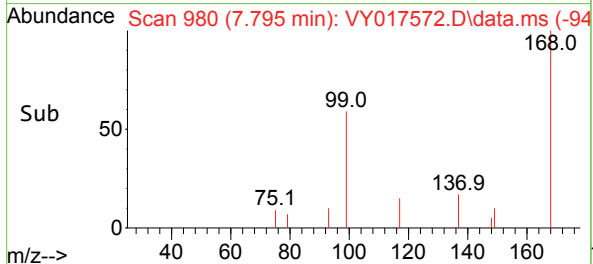
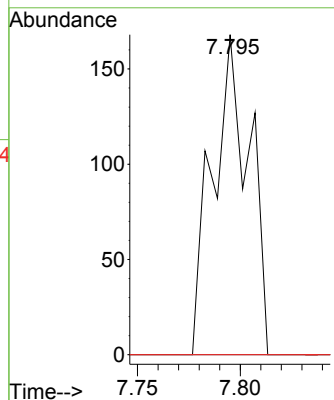


#38
Carbon Tetrachloride
Concen: 5.893 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017572.D
Acq: 05 Mar 2024 15:30

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-030124

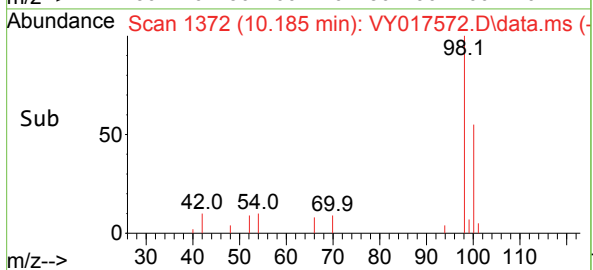
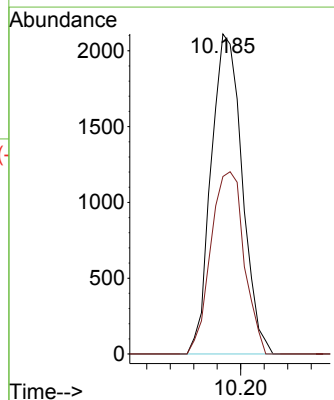
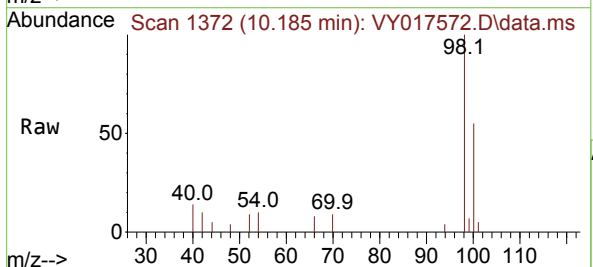


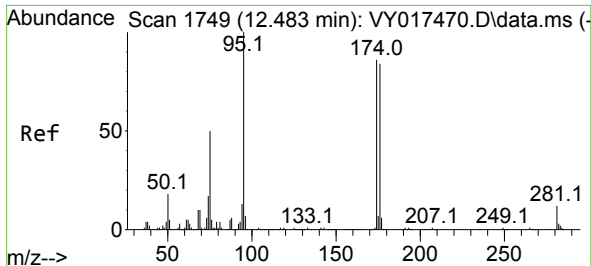
Tgt Ion:117 Resp: 209
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 42.233 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017572.D
Acq: 05 Mar 2024 15:30

Tgt Ion: 98 Resp: 3873
Ion Ratio Lower Upper
98 100
100 61.1 52.0 78.0

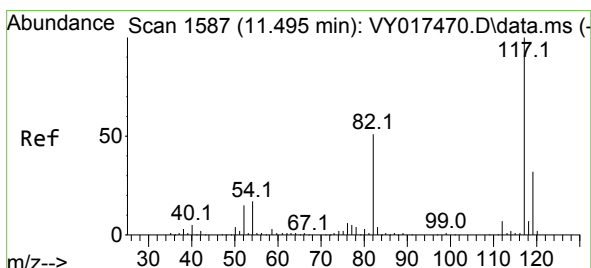
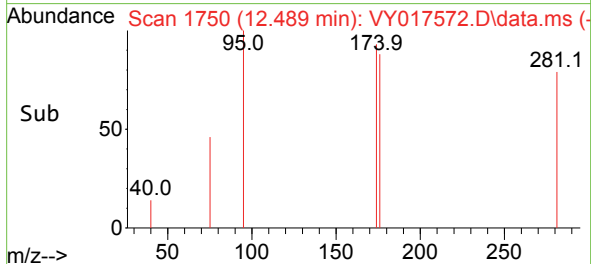
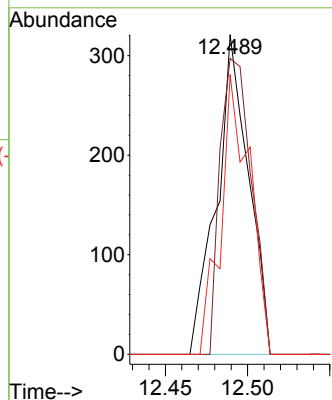
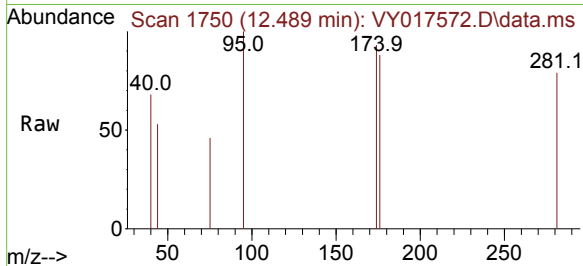




#62
4-Bromofluorobenzene
Concen: 15.093 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017572.D
Acq: 05 Mar 2024 15:30

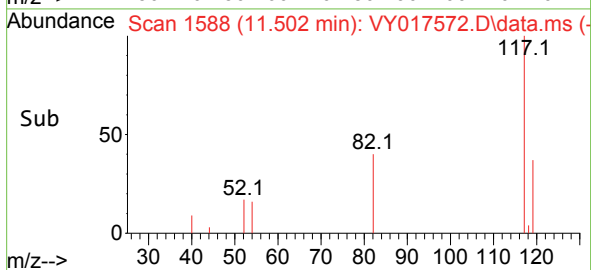
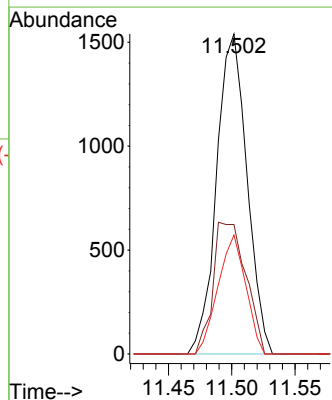
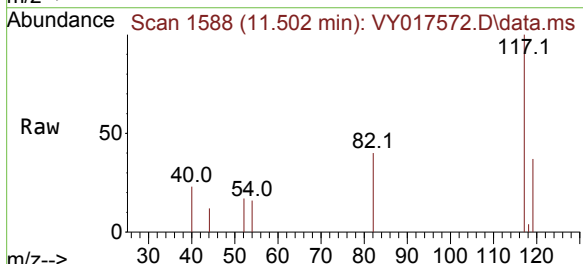
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-030124

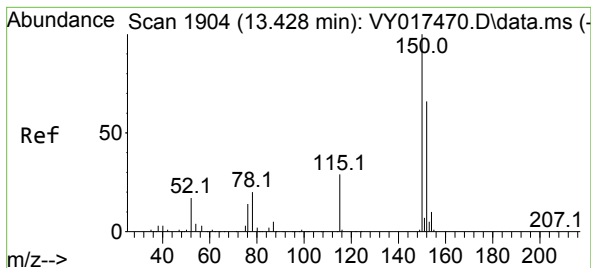
Tgt Ion: 95 Resp: 435
Ion Ratio Lower Upper
95 100
174 91.5 0.0 175.6
176 80.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017572.D
Acq: 05 Mar 2024 15:30

Tgt Ion: 117 Resp: 2571
Ion Ratio Lower Upper
117 100
82 40.5 42.4 63.6#
119 37.1 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY017572.D

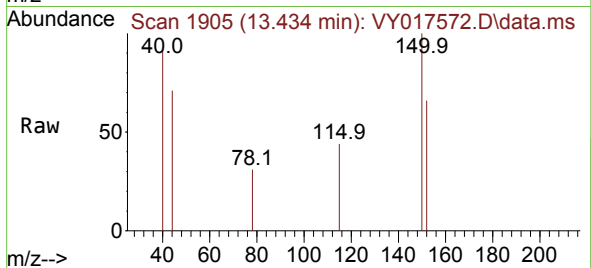
Acq: 05 Mar 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-030124



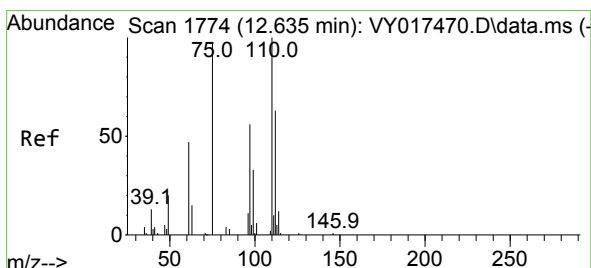
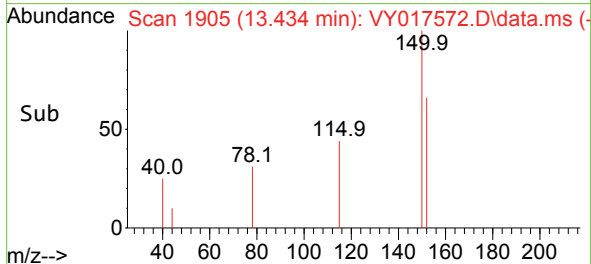
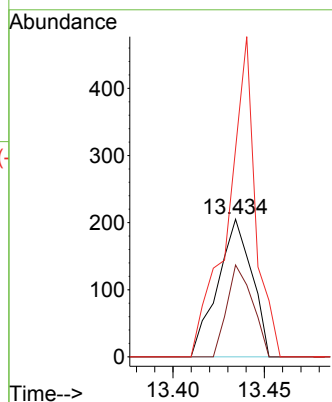
Tgt Ion:152 Resp: 268

Ion Ratio Lower Upper

152 100

115 49.6 28.2 84.7

150 185.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 82.862 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017572.D

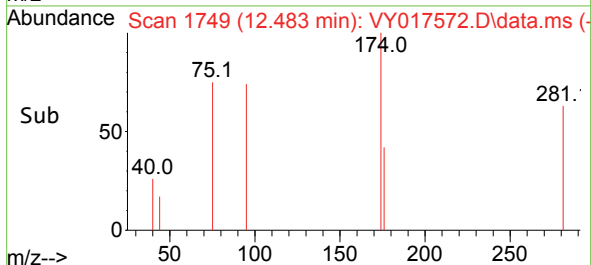
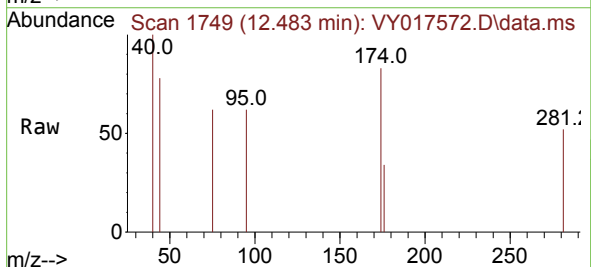
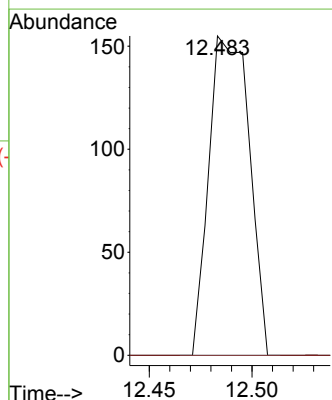
Acq: 05 Mar 2024 15:30

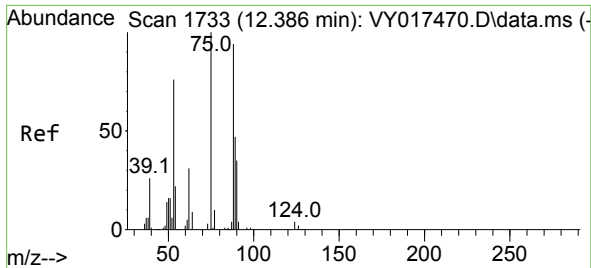
Tgt Ion: 75 Resp: 211

Ion Ratio Lower Upper

75 100

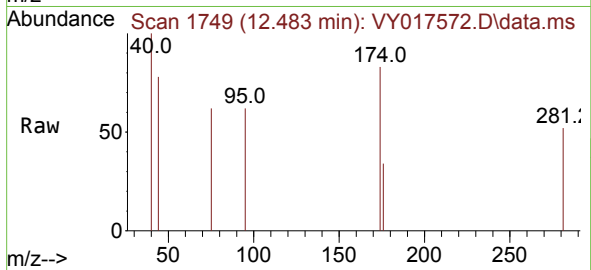
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 190.398 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017572.D
Acq: 05 Mar 2024 15:30

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-030124



Tgt Ion: 75 Resp: 211
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

