

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019264.D
 Acq On : 23 Aug 2024 17:56
 Operator : SY/MD
 Sample : P3707-06
 Misc : 7.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 23:00:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

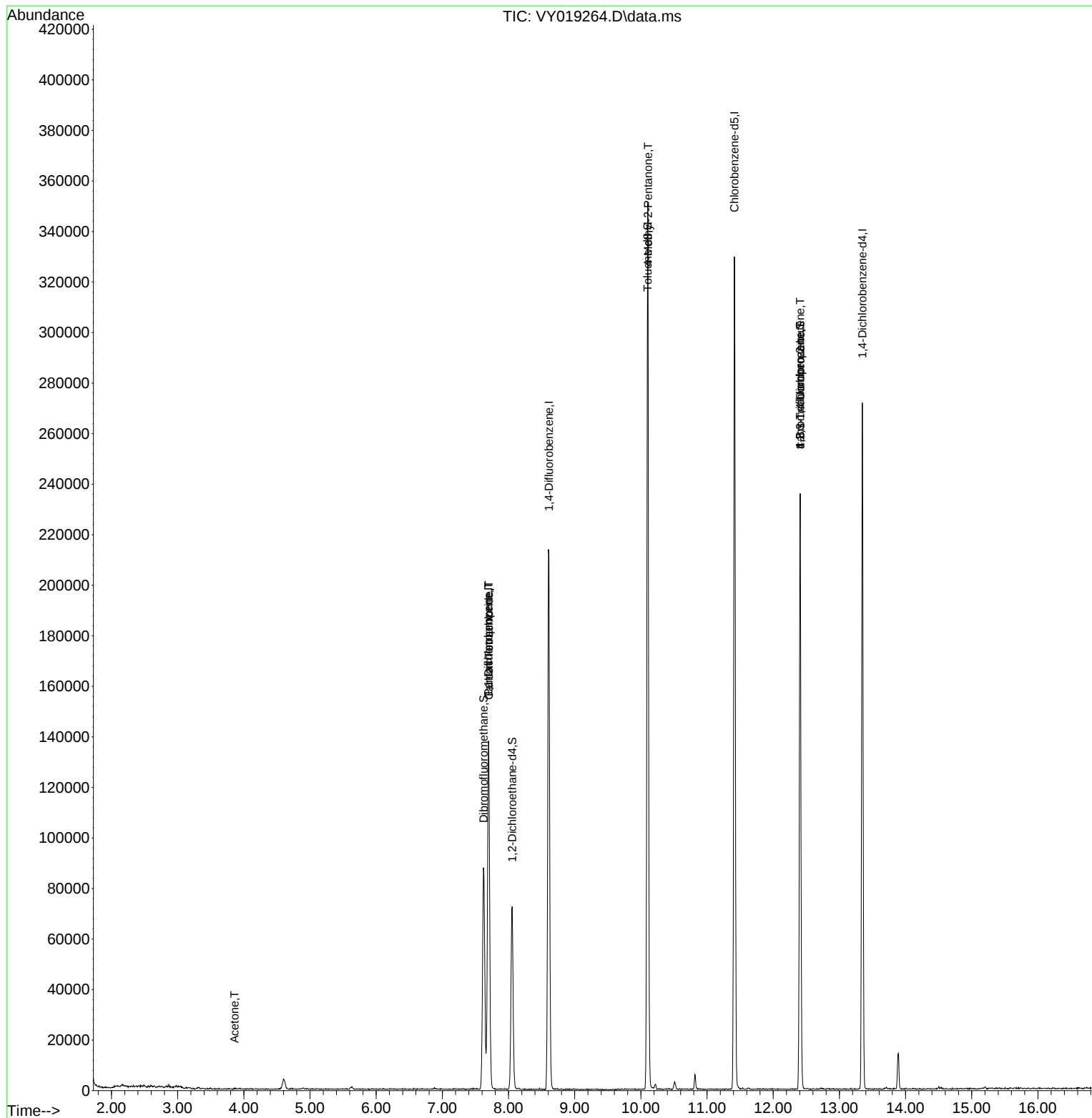
Internal Standards						
1) Pentafluorobenzene	7.695	168	109086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	182414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	176274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	66890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	58972	53.930	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.860%	
35) Dibromofluoromethane	7.622	113	62371	52.293	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.580%	
50) Toluene-d8	10.103	98	223870	52.157	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.320%	
62) 4-Bromofluorobenzene	12.408	95	66892	45.716	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.440%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	140	Below Cal	#	42
6) Chloroethane	2.989	64	24	Below Cal	#	1
16) Acetone	3.860	43	457	2.254	ug/l #	36
20) Methylene Chloride	4.598	84	2973	Below Cal		98
31) Cyclohexane	7.701	56	2248	Below Cal	#	52
36) 1,1-Dichloropropene	7.695	75	7964	4.863	ug/l #	51
38) Carbon Tetrachloride	7.701	117	10513	5.539	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	900	1.155	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	36280	54.998	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	36280	135.827	ug/l #	16

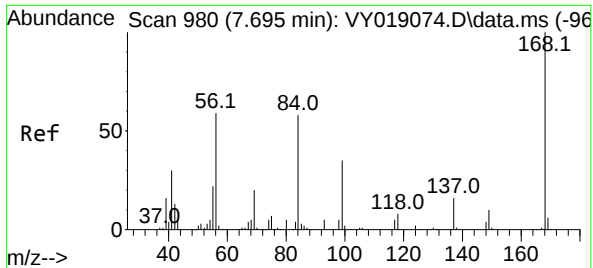
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
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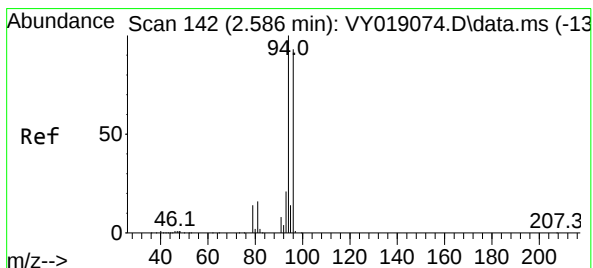
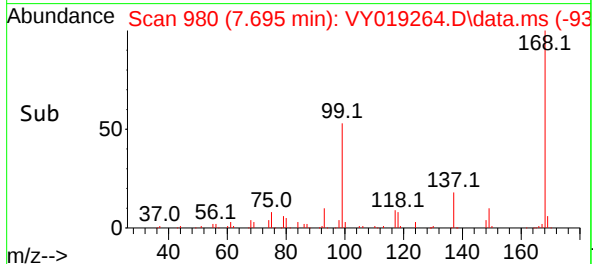
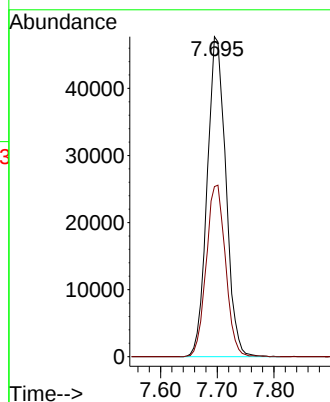
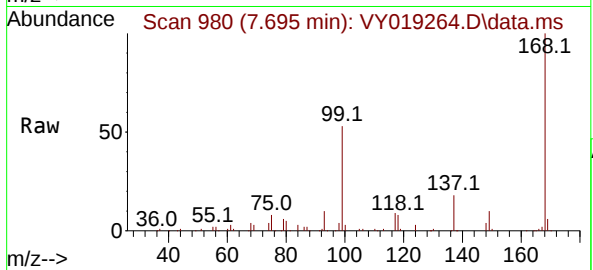




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

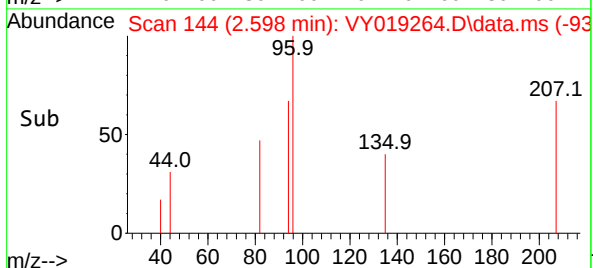
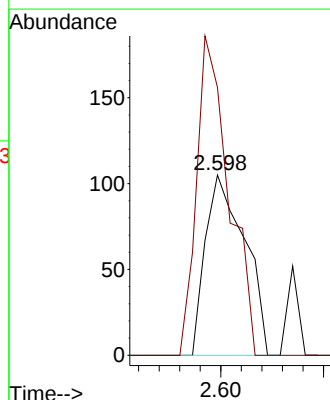
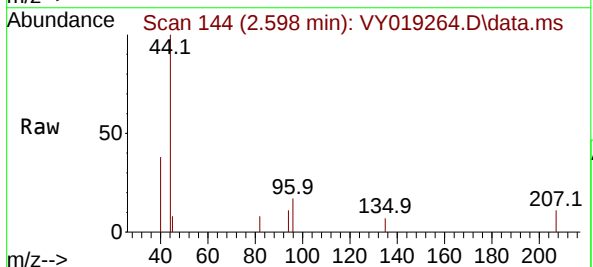
Instrument :
MSVOA_Y
ClientSampleId :

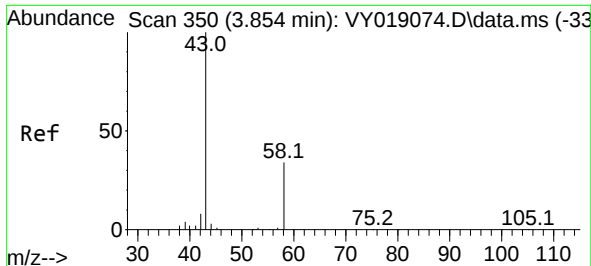
Tgt Ion:168 Resp: 109086
Ion Ratio Lower Upper
168 100
99 53.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

Tgt Ion: 94 Resp: 140
Ion Ratio Lower Upper
94 100
96 148.6 74.1 111.1#





#16

Acetone

Concen: 2.254 ug/l

RT: 3.860 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY019264.D

Acq: 23 Aug 2024 17:56

Instrument :

MSVOA_Y

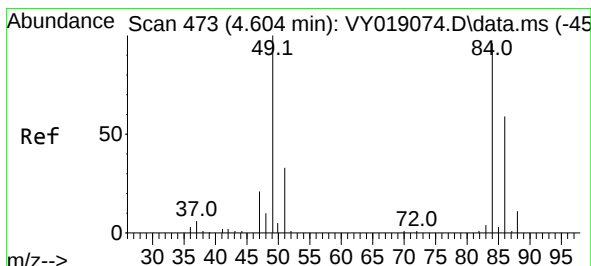
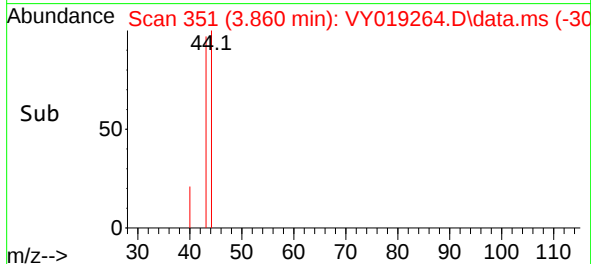
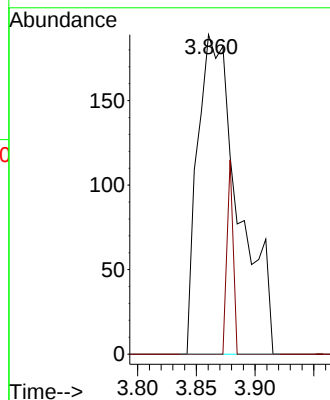
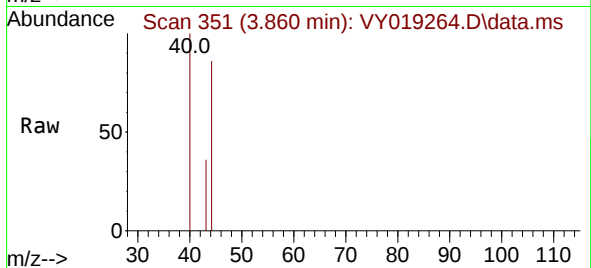
ClientSampleId :

Tgt Ion: 43 Resp: 457

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019264.D

Acq: 23 Aug 2024 17:56

Tgt Ion: 84 Resp: 2973

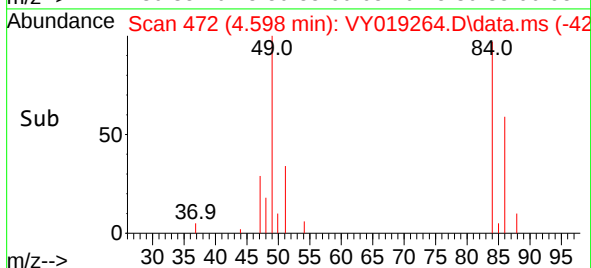
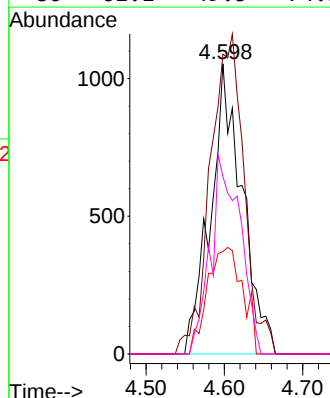
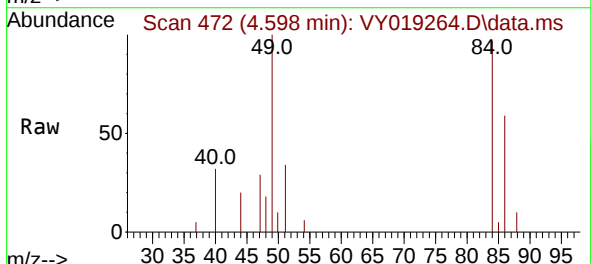
Ion Ratio Lower Upper

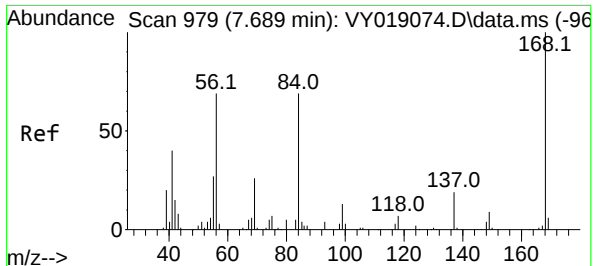
84 100

49 103.3 84.4 126.6

51 35.3 26.0 39.0

86 61.1 49.5 74.3

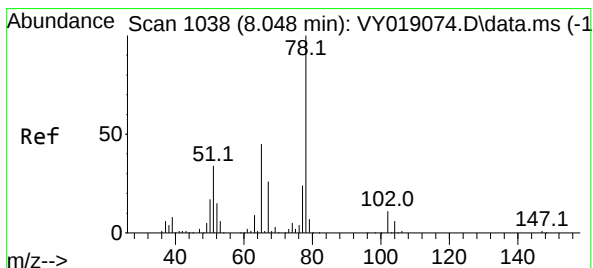
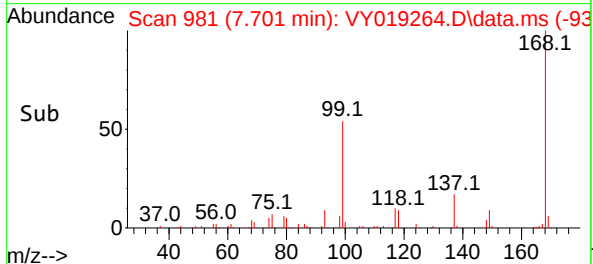
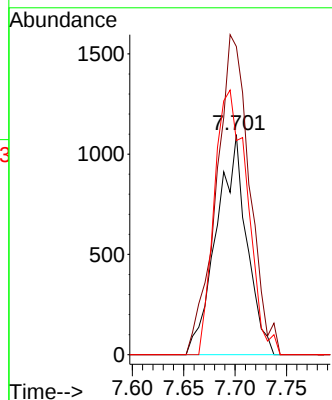
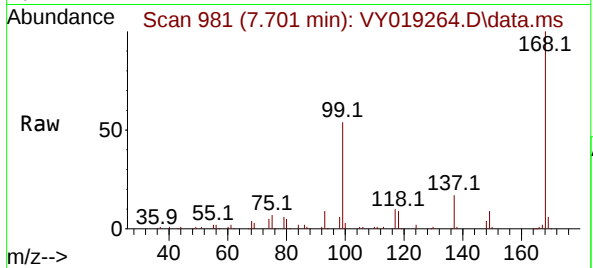




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

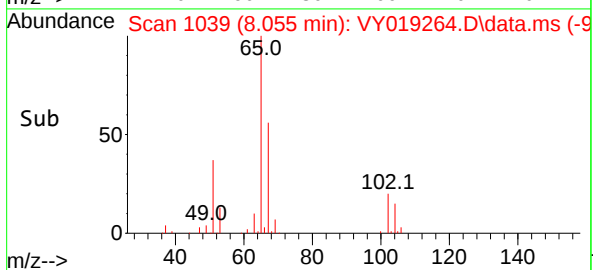
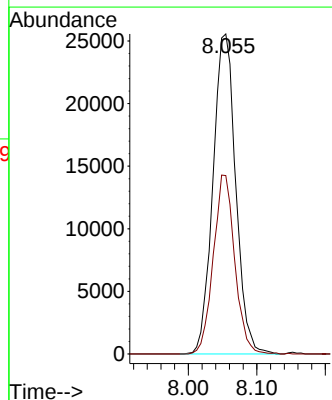
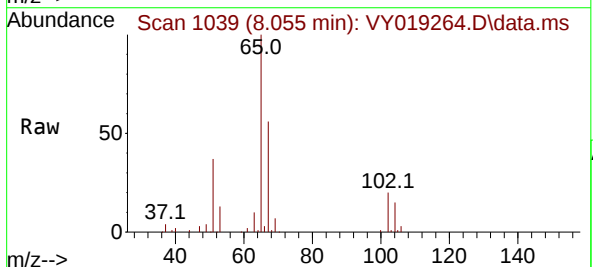
Instrument :
MSVOA_Y
ClientSampleId :

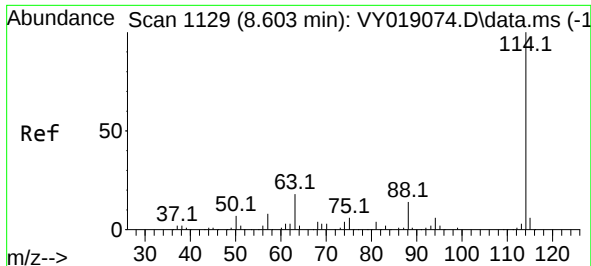
Tgt Ion: 56 Resp: 2248
Ion Ratio Lower Upper
56 100
69 140.1 28.7 43.1#
84 97.4 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 53.930 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

Tgt Ion: 65 Resp: 58972
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY019264.D

Acq: 23 Aug 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

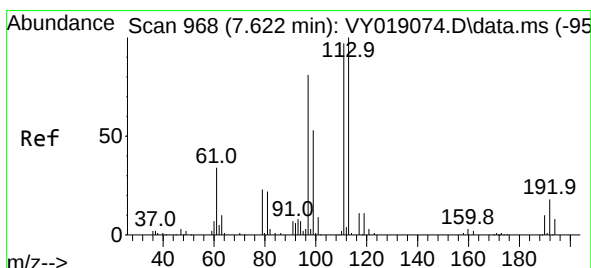
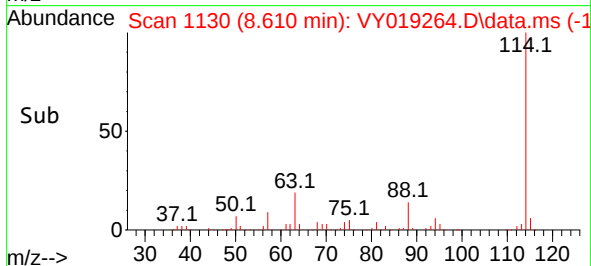
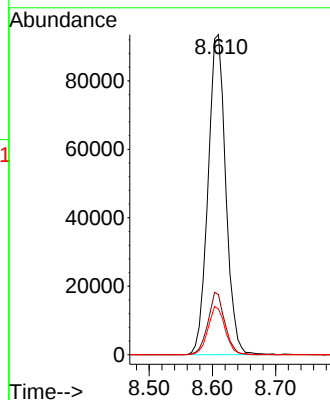
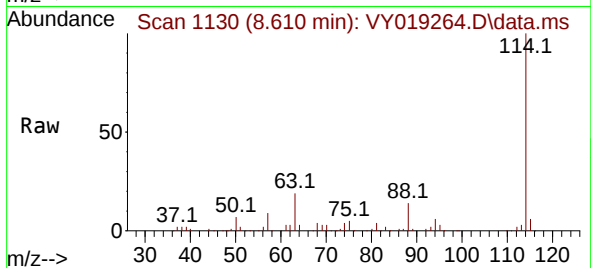
Tgt Ion:114 Resp: 182414

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.293 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019264.D

Acq: 23 Aug 2024 17:56

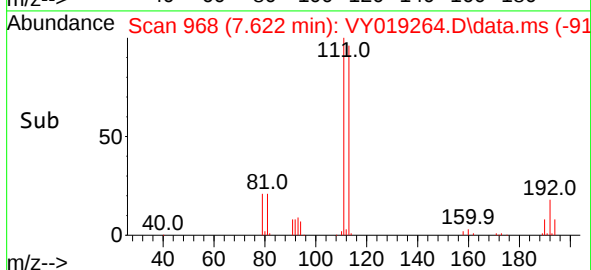
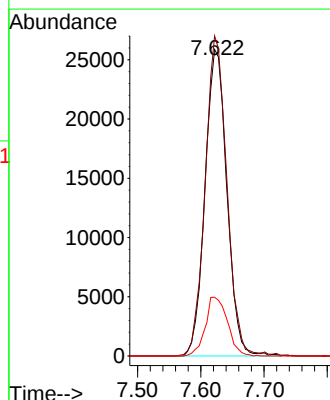
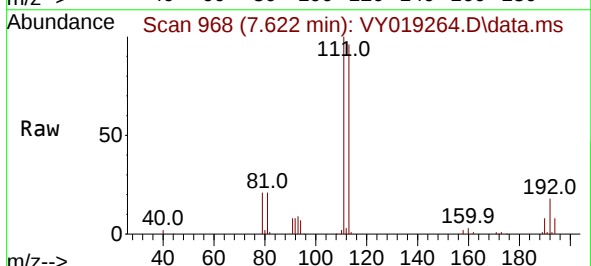
Tgt Ion:113 Resp: 62371

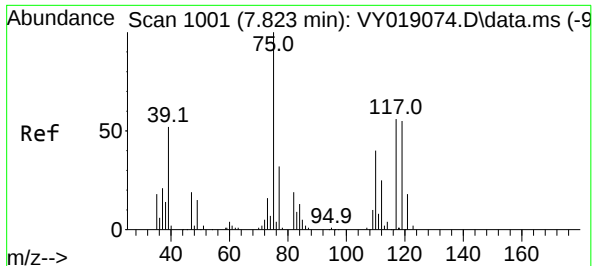
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 19.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.863 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.128 min

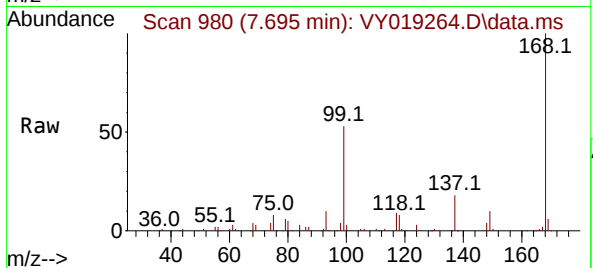
Lab File: VY019264.D

Acq: 23 Aug 2024 17:56

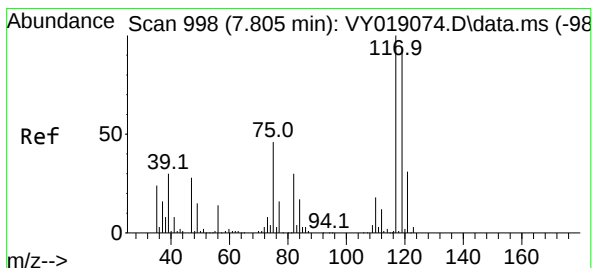
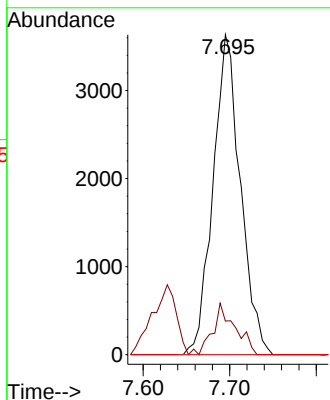
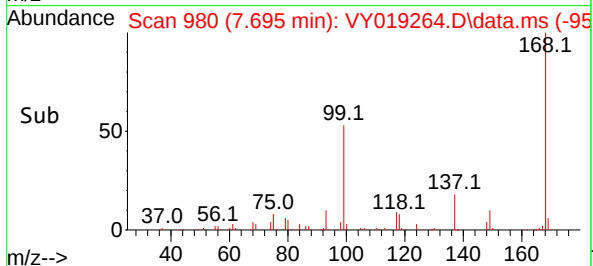
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 7964
Ion Ratio	Lower Upper
75	100
110	12.9 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.539 ug/l

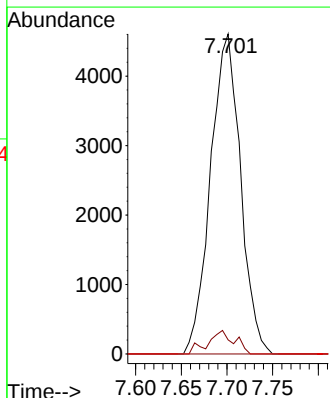
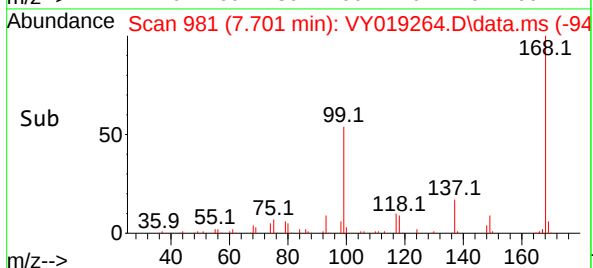
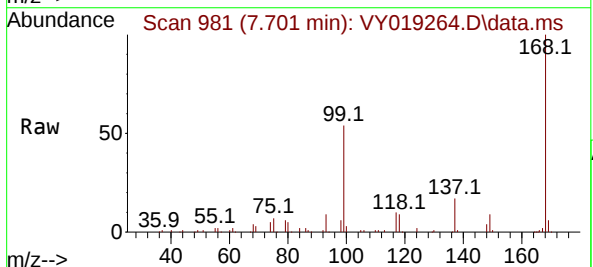
RT: 7.701 min Scan# 981

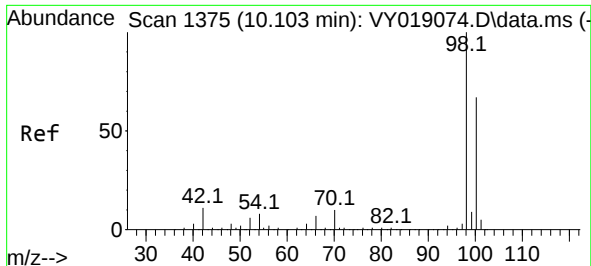
Delta R.T. -0.103 min

Lab File: VY019264.D

Acq: 23 Aug 2024 17:56

Tgt Ion: 117	Resp: 10513
Ion Ratio	Lower Upper
117	100
119	4.4 75.8 113.6#
121	0.0 24.0 36.0#

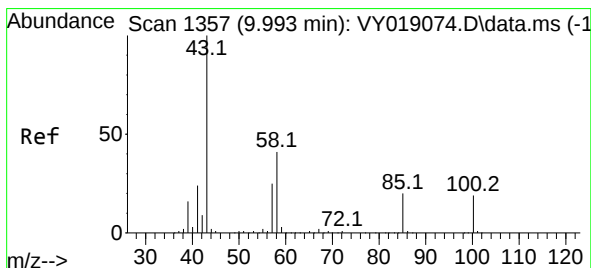
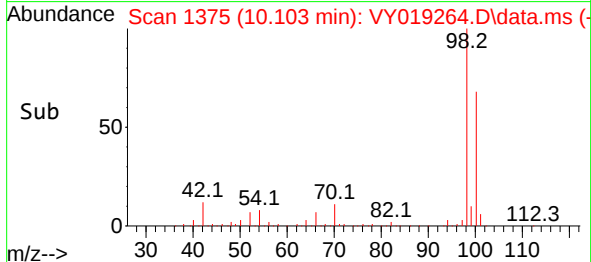
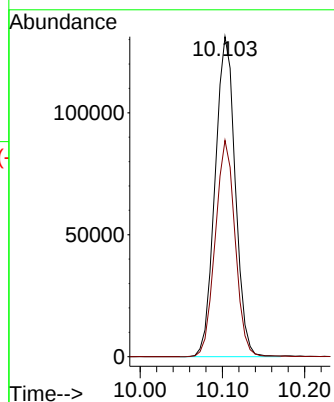
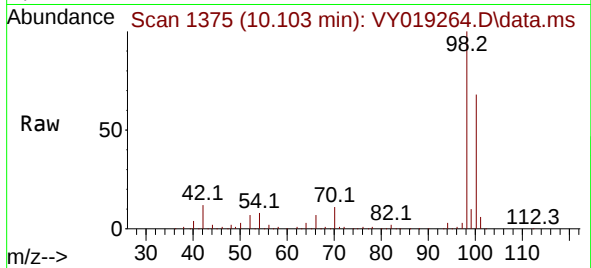




#50
Toluene-d8
Concen: 52.157 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

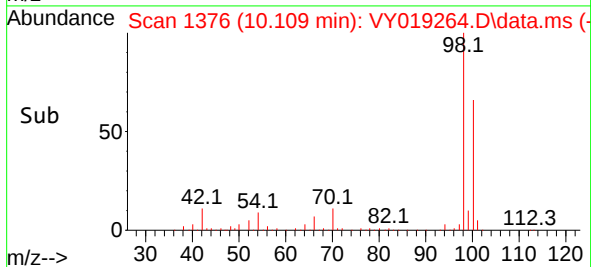
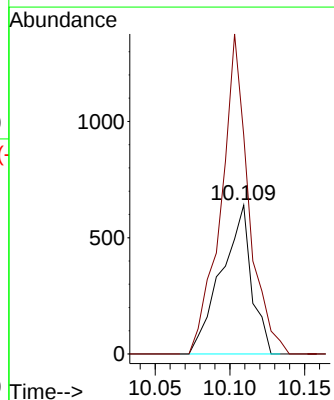
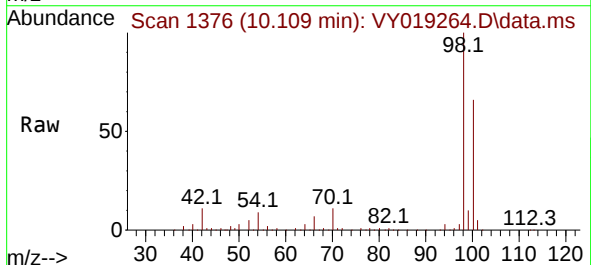
Instrument :
MSVOA_Y
ClientSampleId :

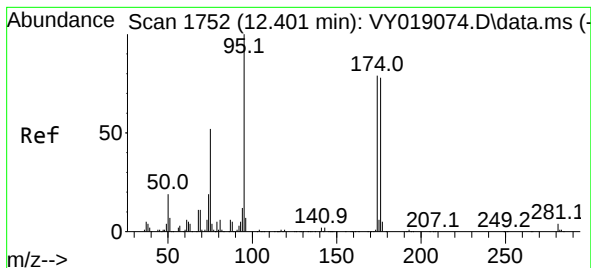
Tgt Ion: 98 Resp: 223870
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.155 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.116 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

Tgt Ion: 43 Resp: 900
Ion Ratio Lower Upper
43 100
58 196.6 35.7 53.5#

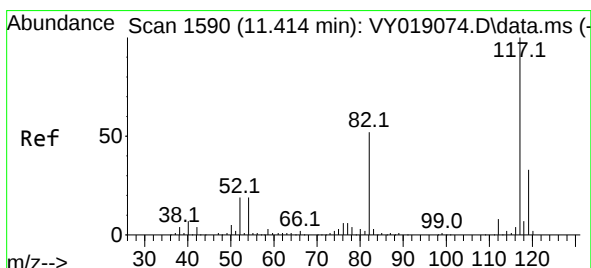
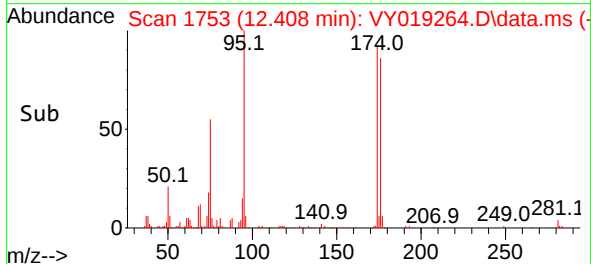
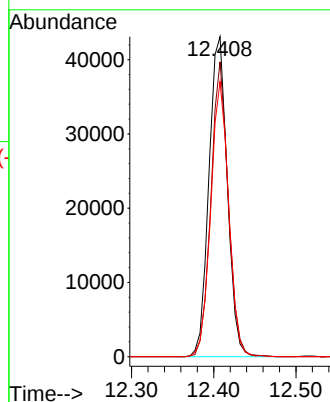
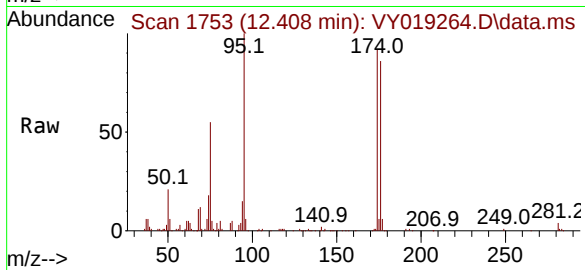




#62
4-Bromofluorobenzene
Concen: 45.716 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

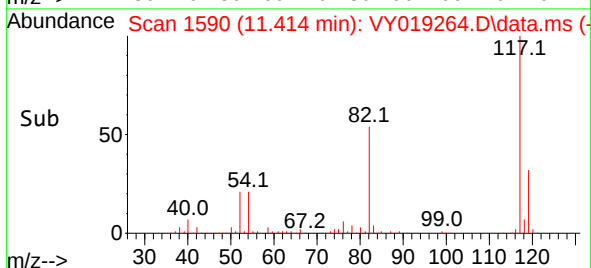
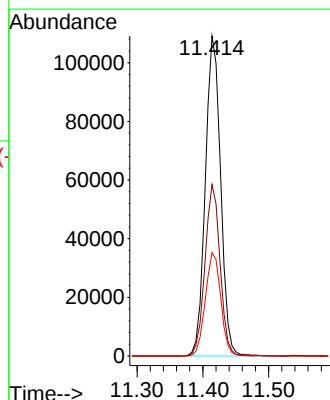
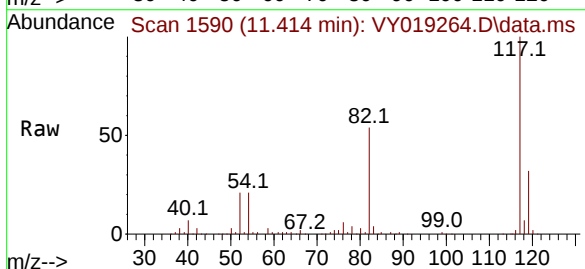
Instrument :
MSVOA_Y
ClientSampleId :

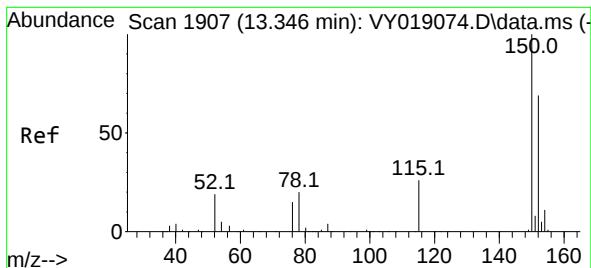
Tgt Ion: 95 Resp: 66892
Ion Ratio Lower Upper
95 100
174 87.3 0.0 175.6
176 84.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019264.D
Acq: 23 Aug 2024 17:56

Tgt Ion: 117 Resp: 176274
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 32.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019264.D

Acq: 23 Aug 2024 17:56

Instrument :

MSVOA_Y

ClientSampleId :

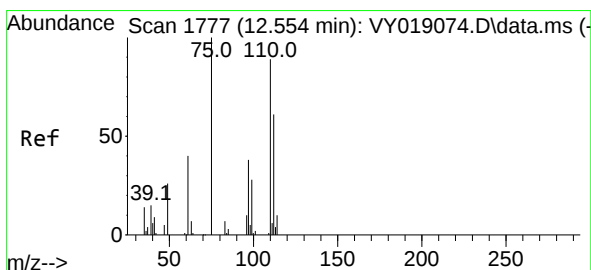
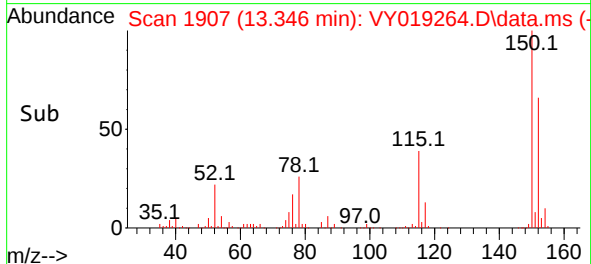
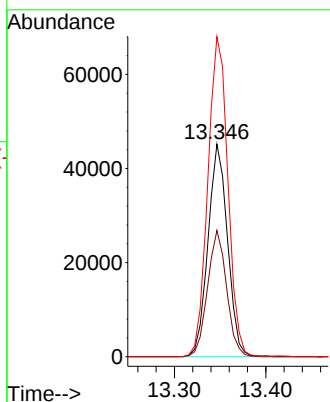
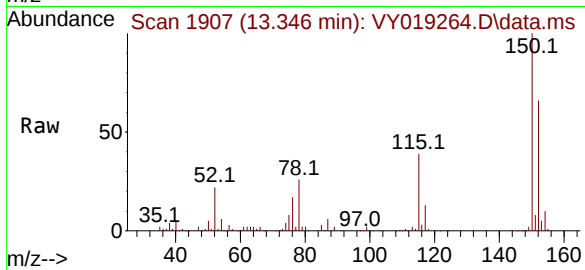
Tgt Ion:152 Resp: 66890

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 154.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 54.998 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019264.D

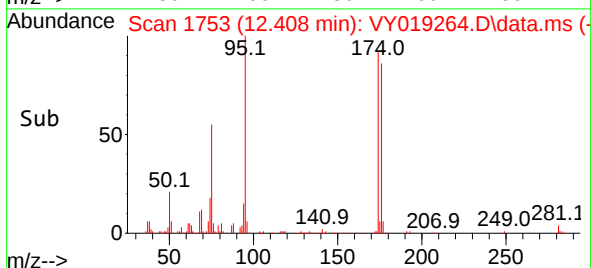
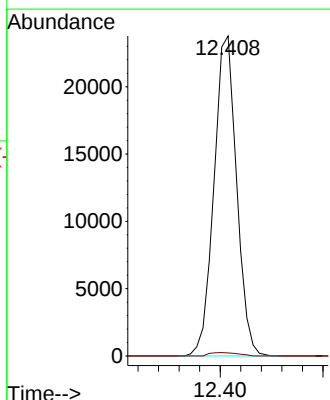
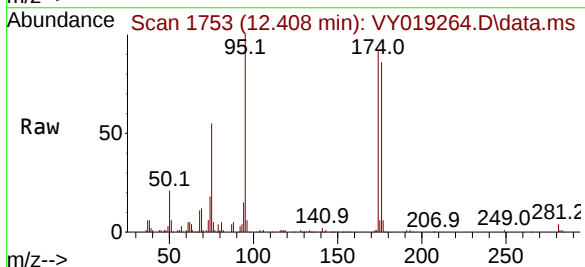
Acq: 23 Aug 2024 17:56

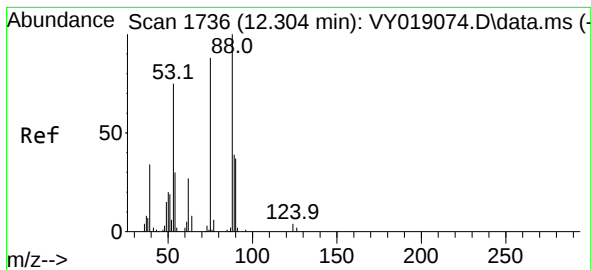
Tgt Ion: 75 Resp: 36280

Ion Ratio Lower Upper

75 100

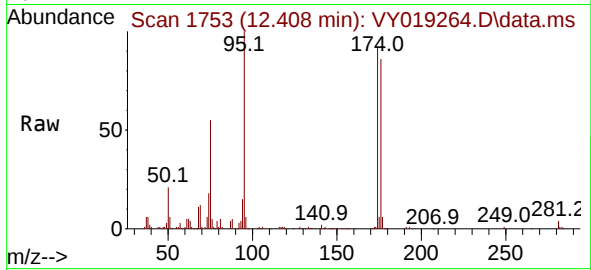
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.827 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019264.D
 Acq: 23 Aug 2024 17:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 36280
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

