

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019289.D
 Acq On : 27 Aug 2024 16:25
 Operator : SY/MD
 Sample : P3707-04
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 01:46:24 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)

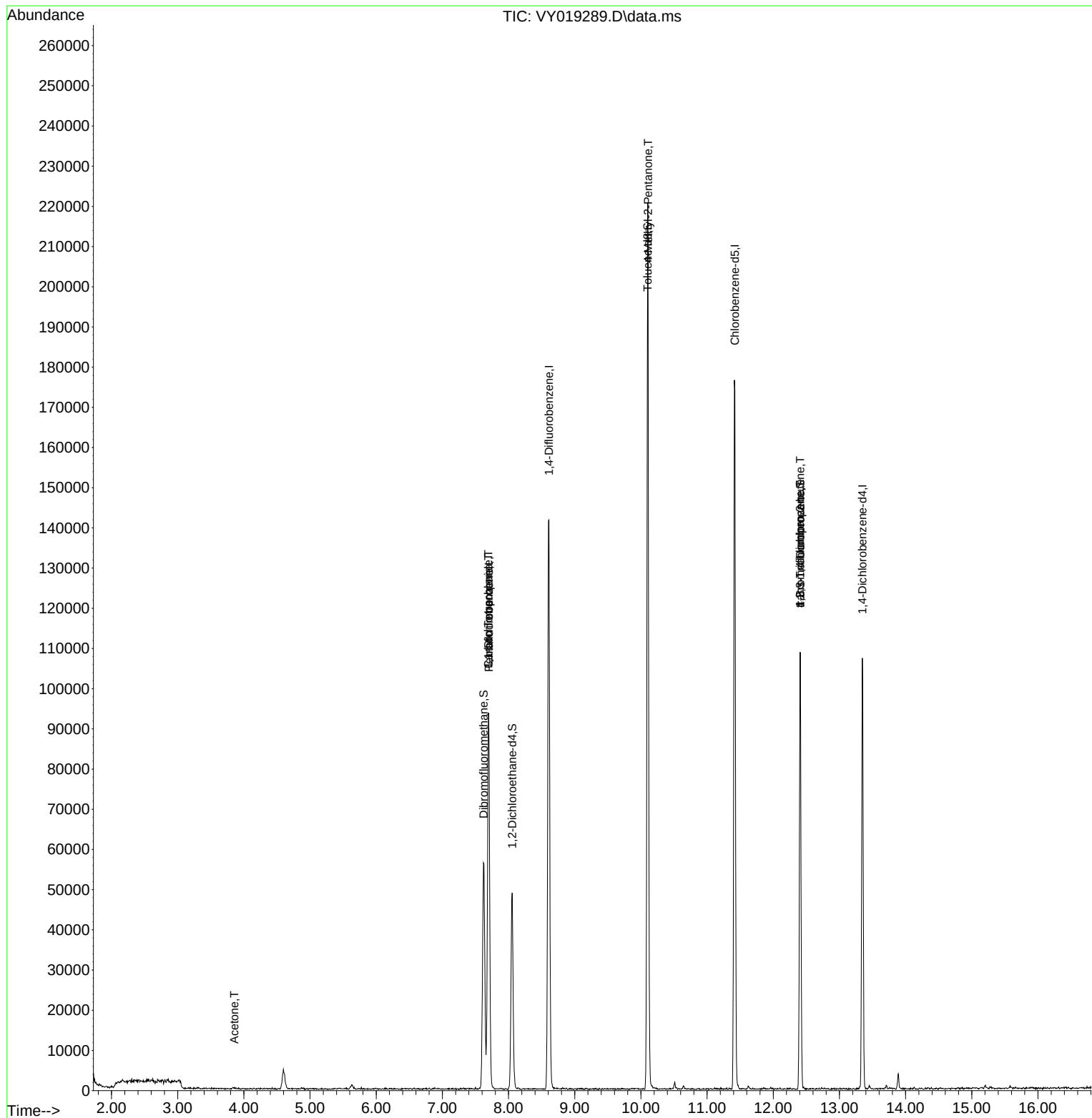
Internal Standards						
1) Pentafluorobenzene	7.701	168	73789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	125241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	99328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	27783	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	38329	51.819	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.640%			
35) Dibromofluoromethane	7.622	113	39688	48.465	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.940%			
50) Toluene-d8	10.103	98	138131	46.873	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.740%			
62) 4-Bromofluorobenzene	12.407	95	31811	31.665	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 63.340%			
Target Compounds						
5) Bromomethane	2.592	94	245	Below Cal	#	43
6) Chloroethane	2.720	64	122	Below Cal	#	42
16) Acetone	3.854	43	409	2.982	ug/l	92
20) Methylene Chloride	4.598	84	3417	Below Cal	#	91
31) Cyclohexane	7.701	56	1518	Below Cal	#	35
36) 1,1-Dichloropropene	7.695	75	5908	5.254	ug/l	# 49
38) Carbon Tetrachloride	7.695	117	7562	5.803	ug/l	# 14
51) 4-Methyl-2-Pentanone	10.109	43	634	1.186	ug/l	# 1
76) 1,2,3-Trichloropropane	12.407	75	18269	66.677	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	18269	164.671	ug/l	# 16

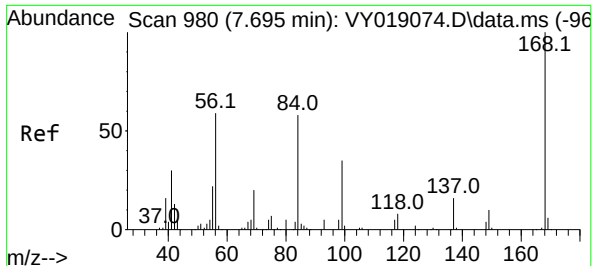
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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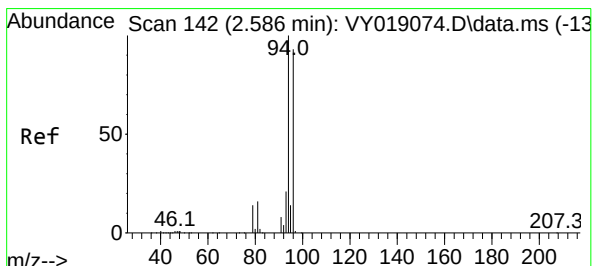
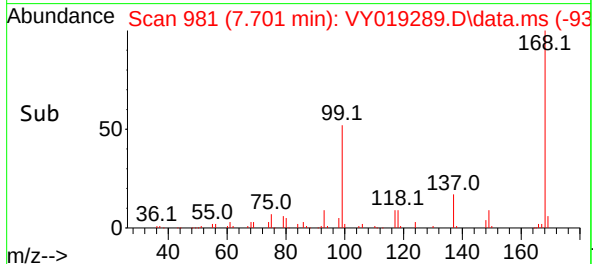
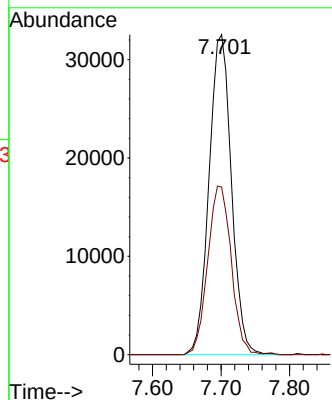
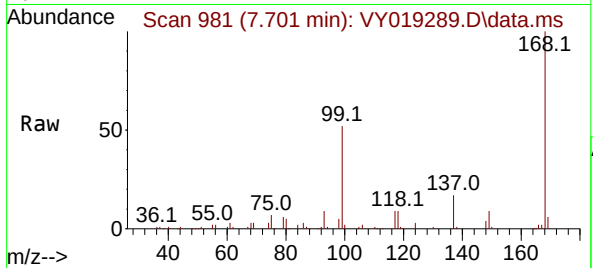




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019289.D
Acq: 27 Aug 2024 16:25

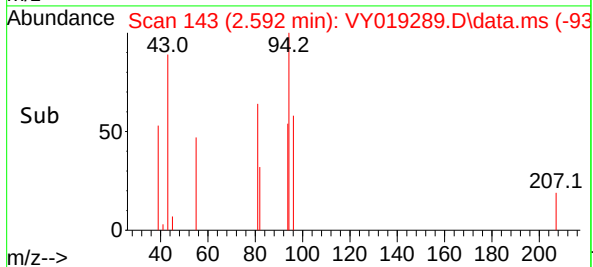
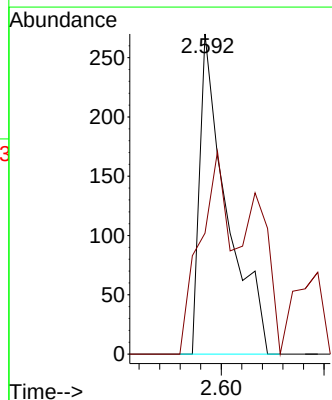
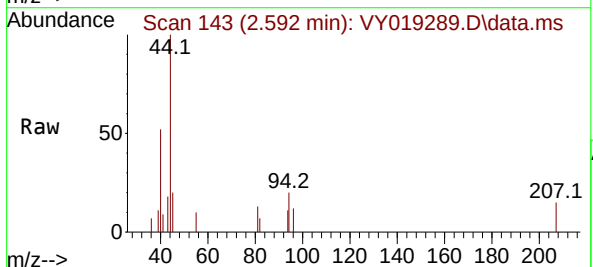
Instrument :
MSVOA_Y
ClientSampleId :

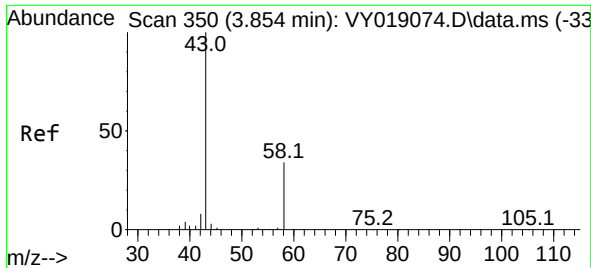
Tgt Ion:168 Resp: 73789
Ion Ratio Lower Upper
168 100
99 52.3 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019289.D
Acq: 27 Aug 2024 16:25

Tgt Ion: 94 Resp: 245
Ion Ratio Lower Upper
94 100
96 37.8 74.1 111.1#





#16

Acetone

Concen: 2.982 ug/l

RT: 3.854 min Scan# 31

Delta R.T. 0.000 min

Lab File: VY019289.D

Acq: 27 Aug 2024 16:25

Instrument :

MSVOA_Y

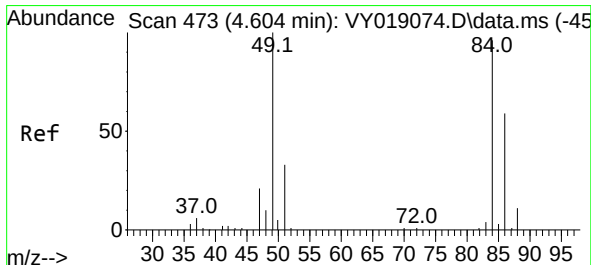
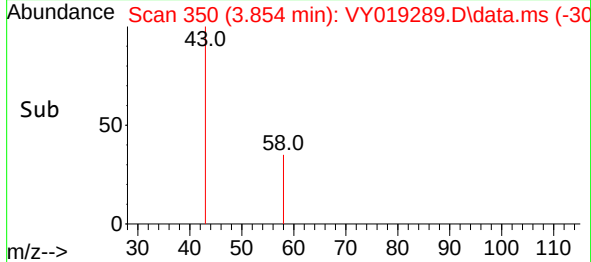
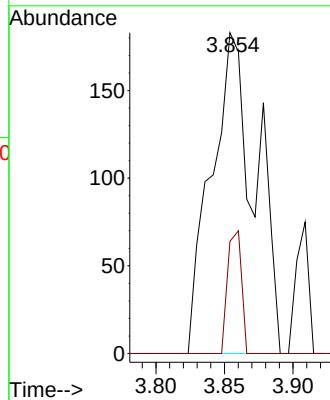
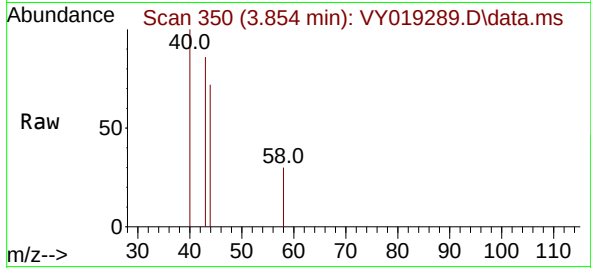
ClientSampleId :

Tgt Ion: 43 Resp: 409

Ion Ratio Lower Upper

43 100

58 35.0 31.7 47.5



#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019289.D

Acq: 27 Aug 2024 16:25

Tgt Ion: 84 Resp: 3417

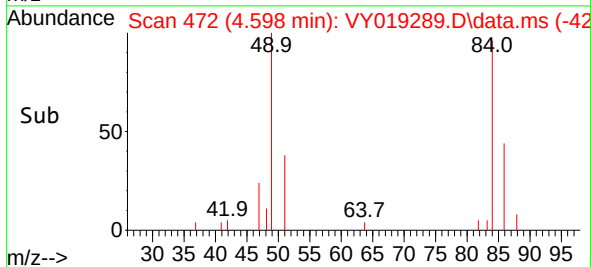
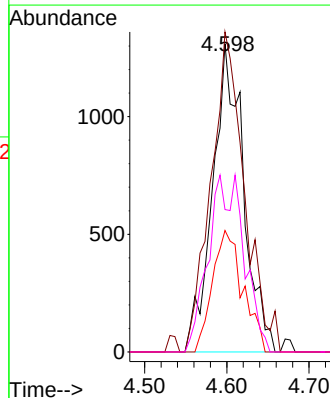
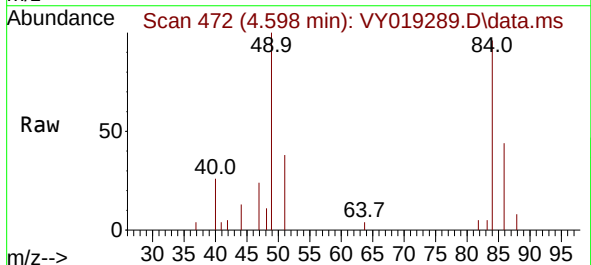
Ion Ratio Lower Upper

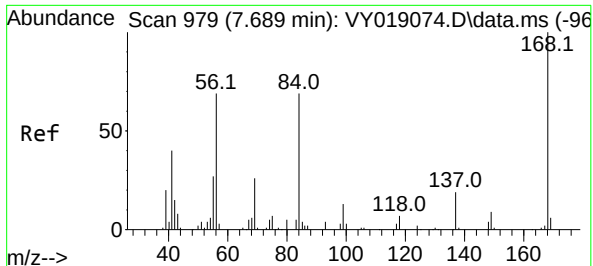
84 100

49 103.8 84.4 126.6

51 39.4 26.0 39.0#

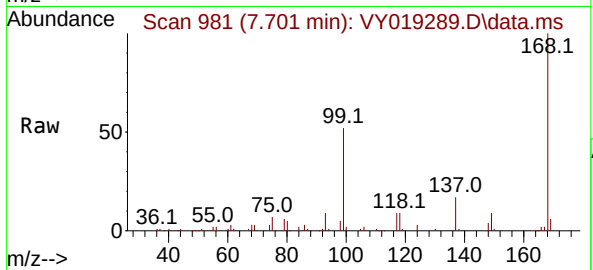
86 46.2 49.5 74.3#



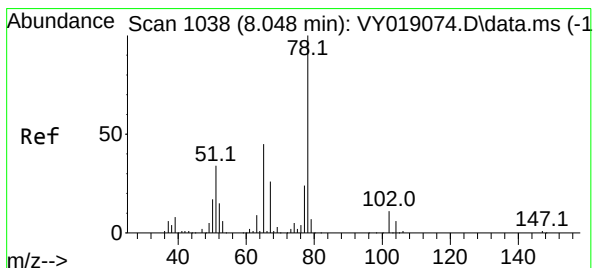
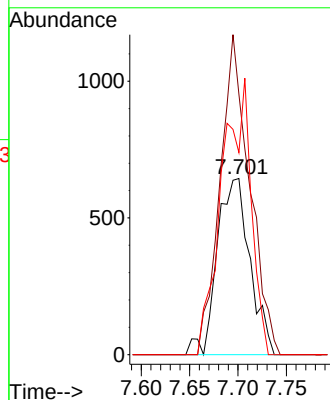
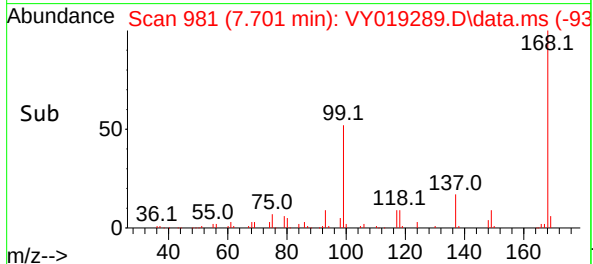


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019289.D
Acq: 27 Aug 2024 16:25

Instrument :
MSVOA_Y
ClientSampleId :

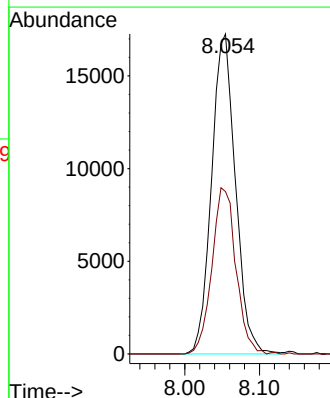
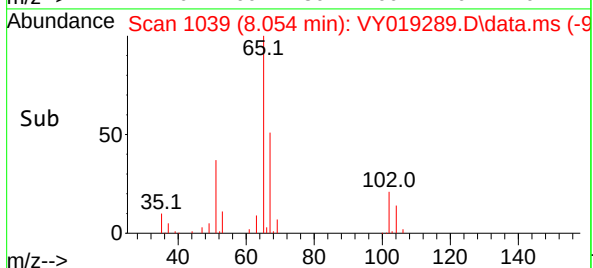
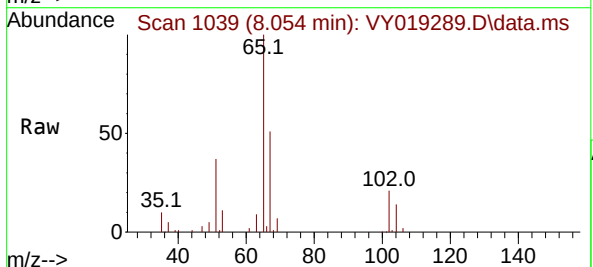


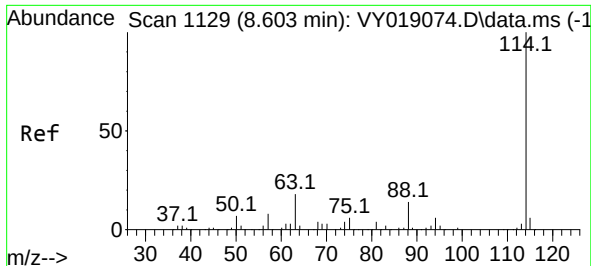
Tgt Ion: 56 Resp: 1518
Ion Ratio Lower Upper
56 100
69 147.8 28.7 43.1#
84 114.8 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 51.819 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019289.D
Acq: 27 Aug 2024 16:25

Tgt Ion: 65 Resp: 38329
Ion Ratio Lower Upper
65 100
67 52.2 0.0 109.6

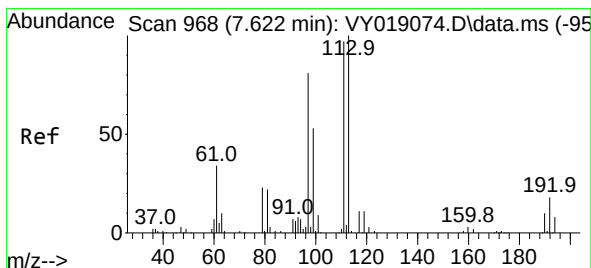
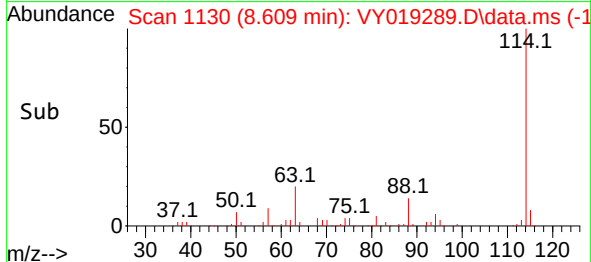
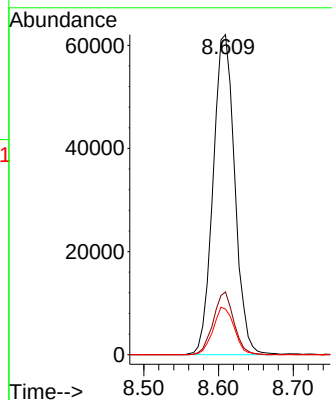
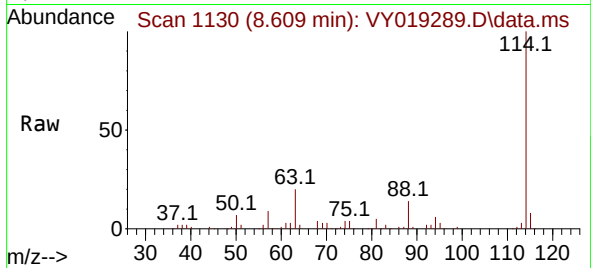




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019289.D
Acq: 27 Aug 2024 16:25

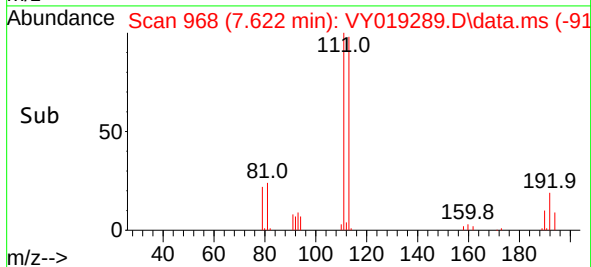
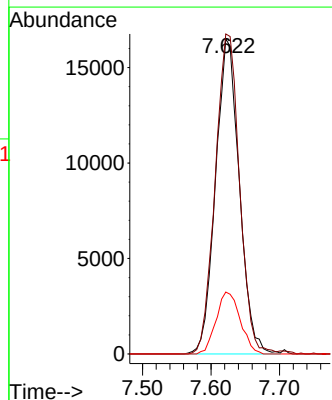
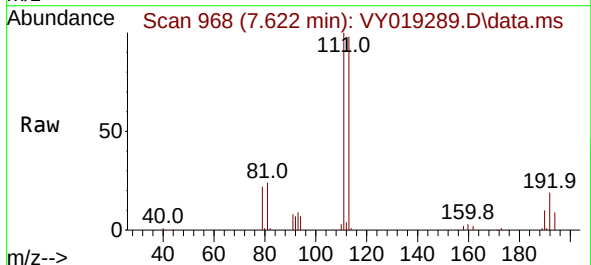
Instrument :
MSVOA_Y
ClientSampleId :

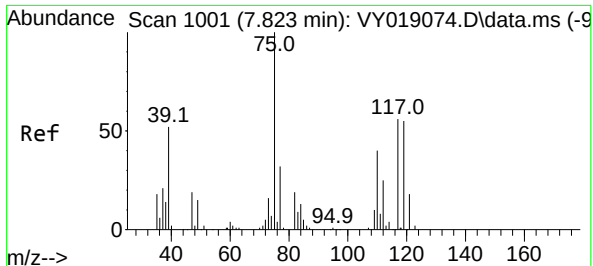
Tgt Ion:114 Resp: 125241
Ion Ratio Lower Upper
114 100
63 19.6 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.465 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019289.D
Acq: 27 Aug 2024 16:25

Tgt Ion:113 Resp: 39688
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 19.9 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.254 ug/l

RT: 7.695 min Scan# 9

Delta R.T. -0.128 min

Lab File: VY019289.D

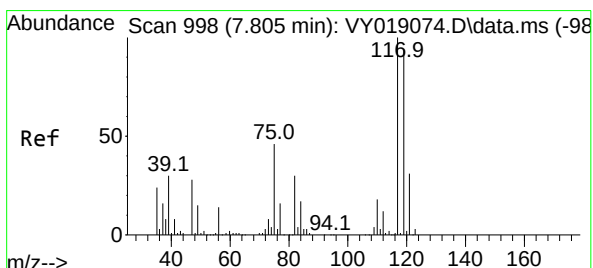
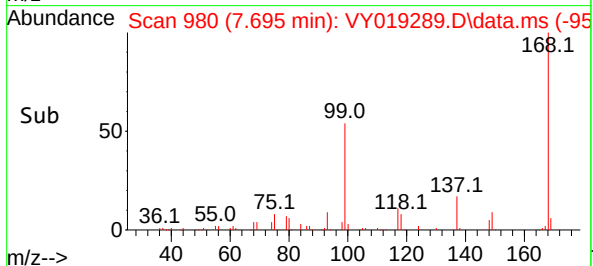
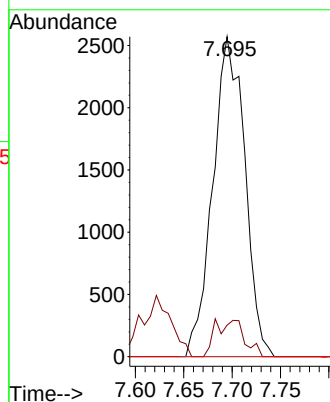
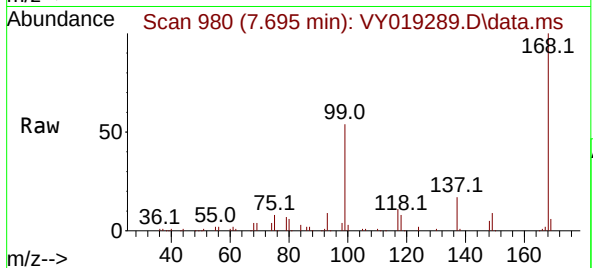
Acq: 27 Aug 2024 16:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 5908
Ion Ratio	Lower Upper
75 100	
110 10.4	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.803 ug/l

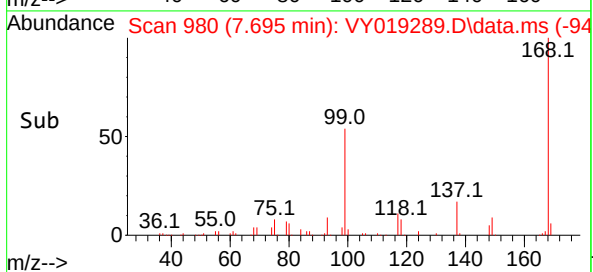
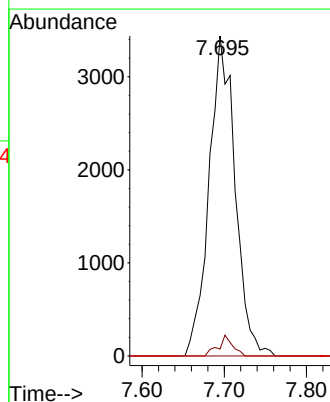
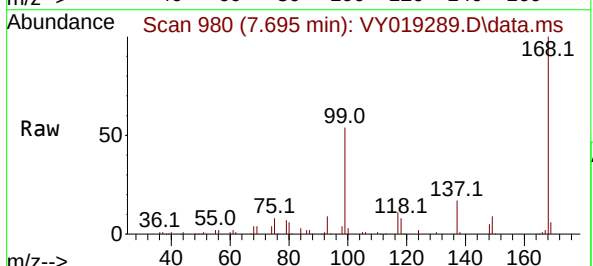
RT: 7.695 min Scan# 980

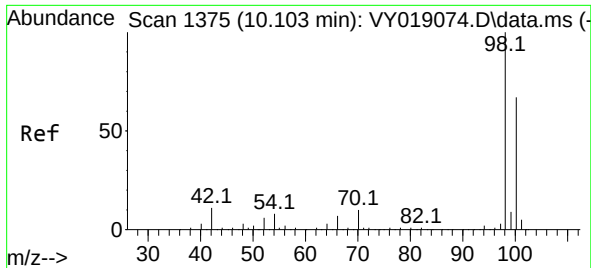
Delta R.T. -0.110 min

Lab File: VY019289.D

Acq: 27 Aug 2024 16:25

Tgt Ion: 117	Resp: 7562
Ion Ratio	Lower Upper
117 100	
119 2.2	75.8 113.6#
121 0.0	24.0 36.0#

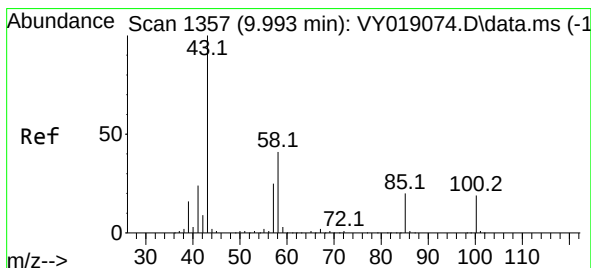
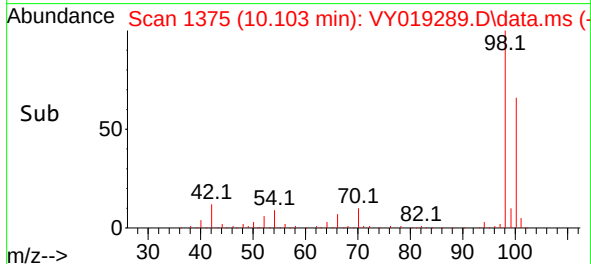
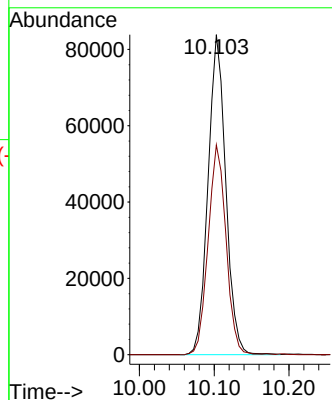
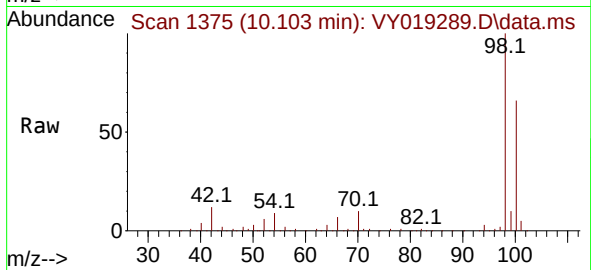




#50
Toluene-d8
Concen: 46.873 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019289.D
Acq: 27 Aug 2024 16:25

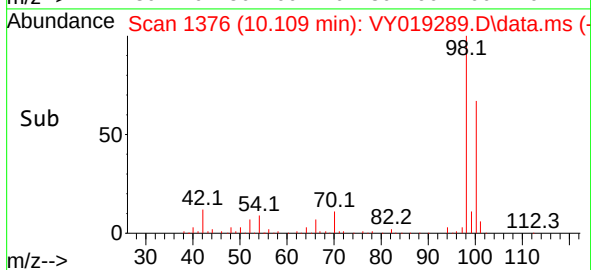
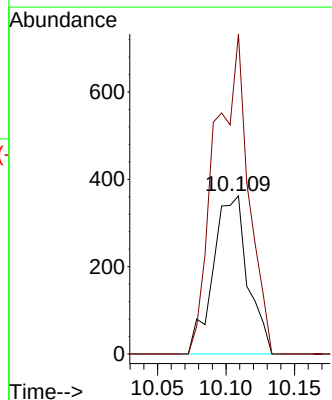
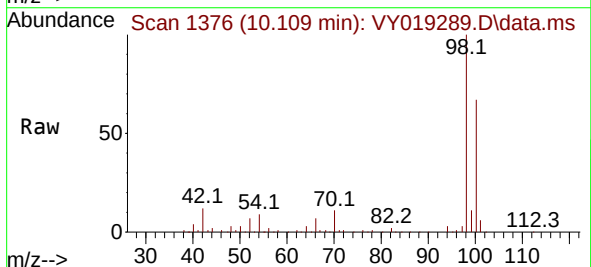
Instrument :
MSVOA_Y
ClientSampleId :

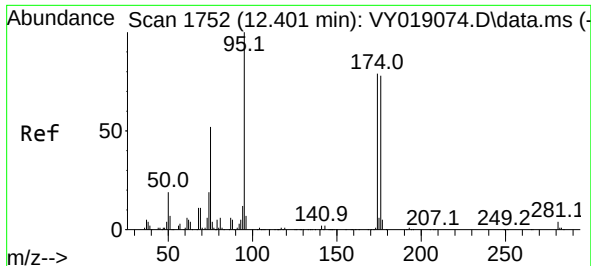
Tgt Ion: 98 Resp: 138131
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.186 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.116 min
Lab File: VY019289.D
Acq: 27 Aug 2024 16:25

Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 196.7 35.7 53.5#

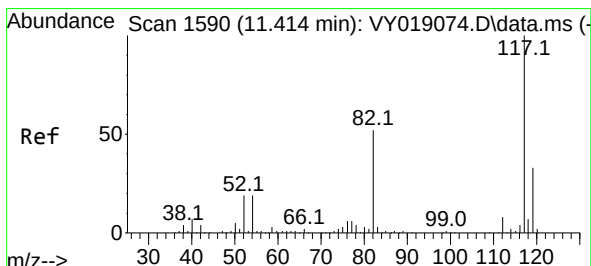
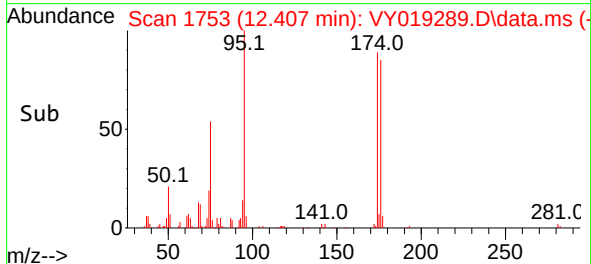
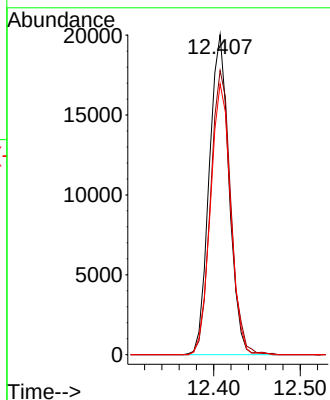
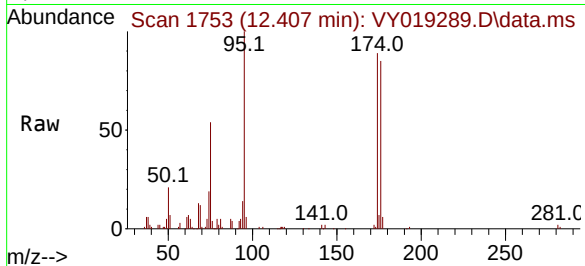




#62
4-Bromofluorobenzene
Concen: 31.665 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019289.D
Acq: 27 Aug 2024 16:25

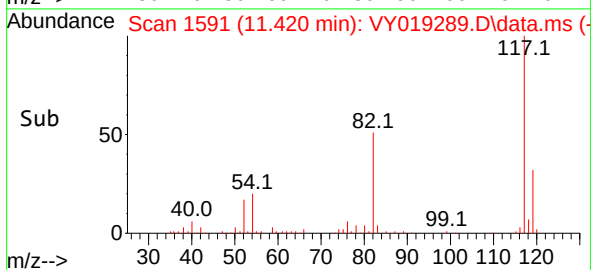
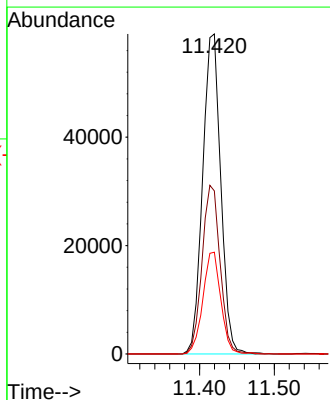
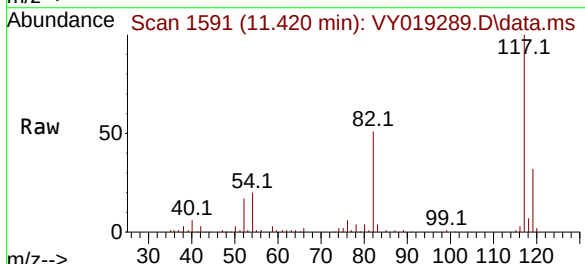
Instrument :
MSVOA_Y
ClientSampleId :

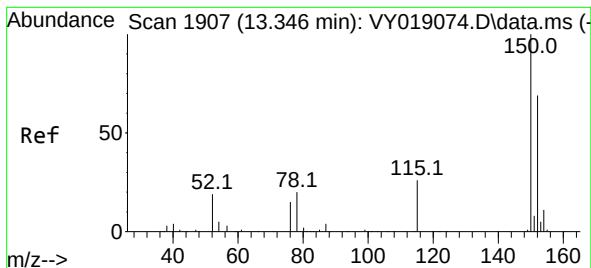
Tgt Ion: 95 Resp: 31811
Ion Ratio Lower Upper
95 100
174 90.9 0.0 175.6
176 86.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019289.D
Acq: 27 Aug 2024 16:25

Tgt Ion: 117 Resp: 99328
Ion Ratio Lower Upper
117 100
82 51.0 42.4 63.6
119 31.8 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: VY019289.D

Acq: 27 Aug 2024 16:25

Instrument :

MSVOA_Y

ClientSampleId :

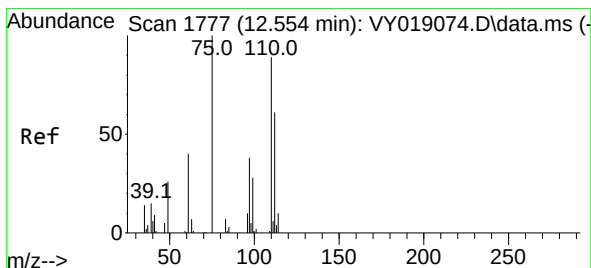
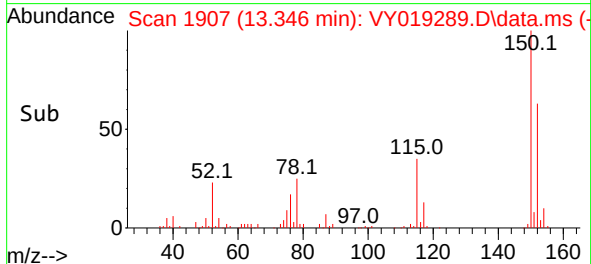
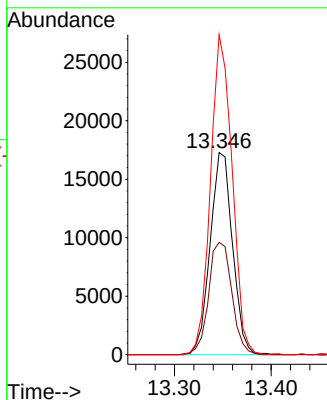
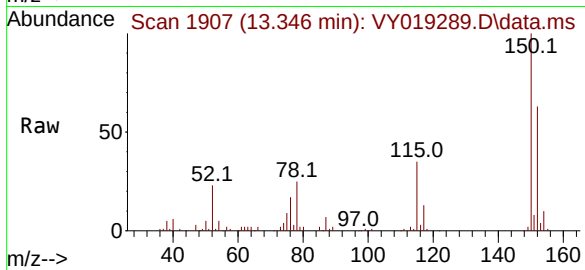
Tgt Ion:152 Resp: 27783

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 152.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 66.677 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019289.D

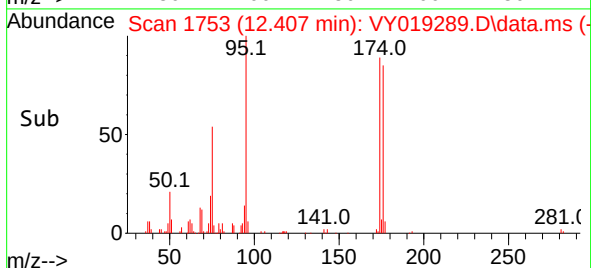
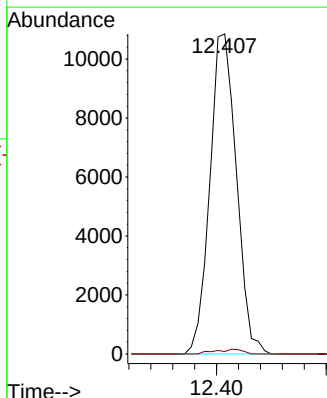
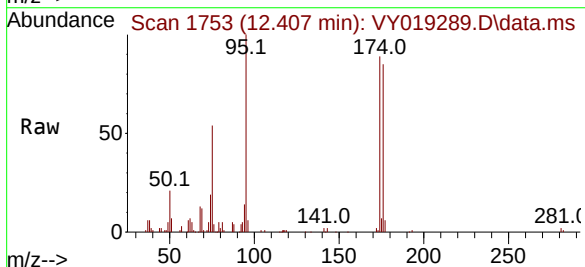
Acq: 27 Aug 2024 16:25

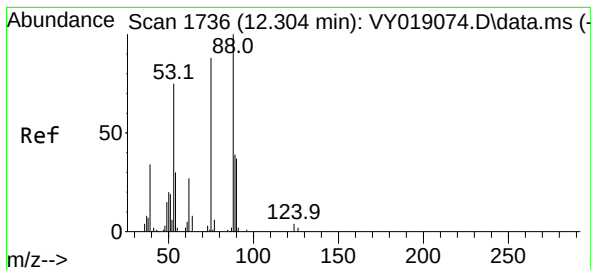
Tgt Ion: 75 Resp: 18269

Ion Ratio Lower Upper

75 100

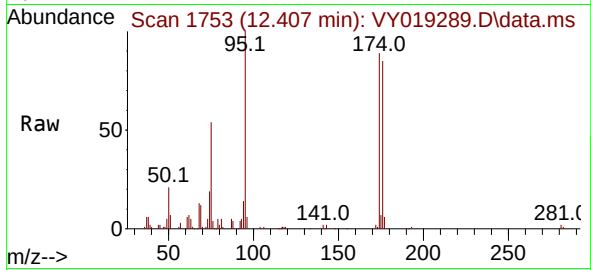
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 164.671 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019289.D
 Acq: 27 Aug 2024 16:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	18269
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

