

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019288.D
 Acq On : 27 Aug 2024 16:00
 Operator : SY/MD
 Sample : P3707-01
 Misc : 4.51g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 28 01:45:48 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)

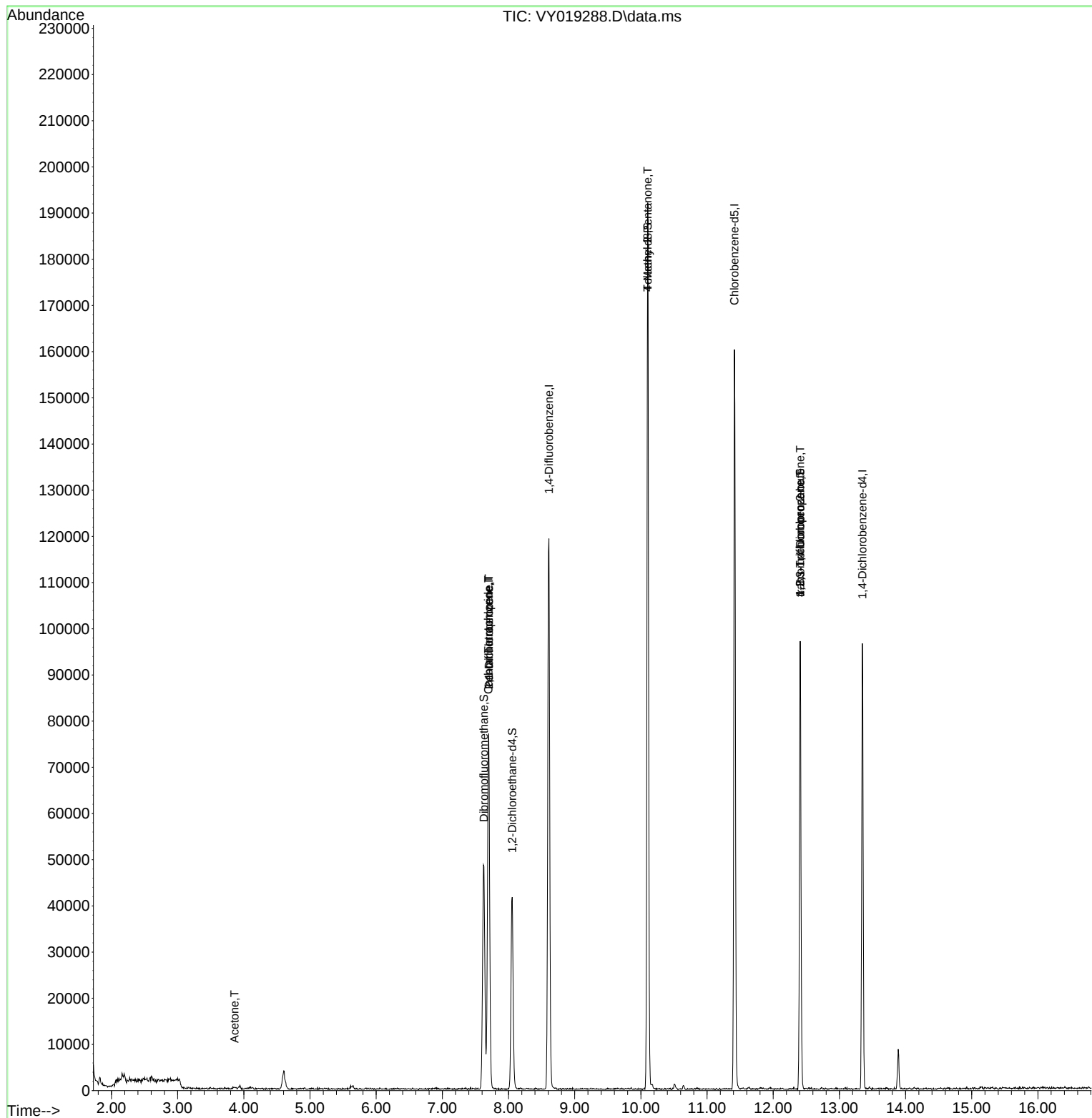
Internal Standards						
1) Pentafluorobenzene	7.701	168	62817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	108294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	88882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	23956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	31628	50.228	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.460%	
35) Dibromofluoromethane	7.628	113	35468	50.090	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.180%	
50) Toluene-d8	10.103	98	121311	47.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.220%	
62) 4-Bromofluorobenzene	12.408	95	27565	31.732	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 63.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	176	Below Cal		92
6) Chloroethane	2.781	64	53	Below Cal	#	42
16) Acetone	3.860	43	656	5.617	ug/l	94
20) Methylene Chloride	4.610	84	2884	Below Cal	#	88
31) Cyclohexane	7.689	56	1280	Below Cal	#	33
36) 1,1-Dichloropropene	7.701	75	4741	4.876	ug/l #	48
38) Carbon Tetrachloride	7.695	117	5783	5.132	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	463	1.001	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	14671	62.100	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	14671	153.365	ug/l #	16

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

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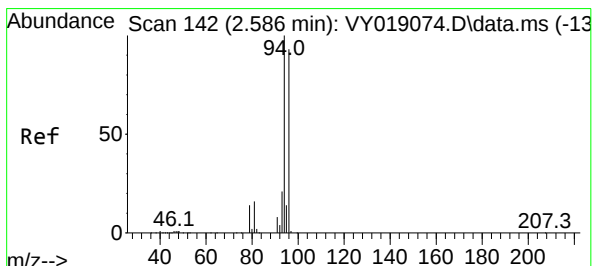
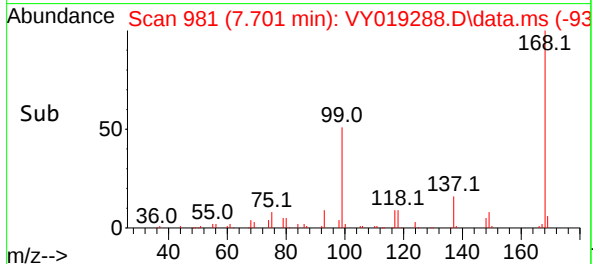
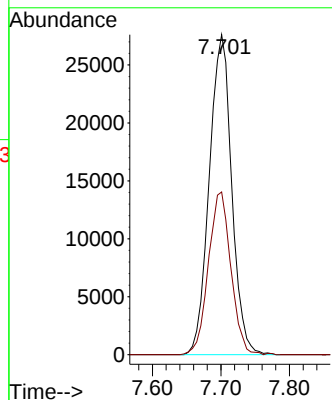
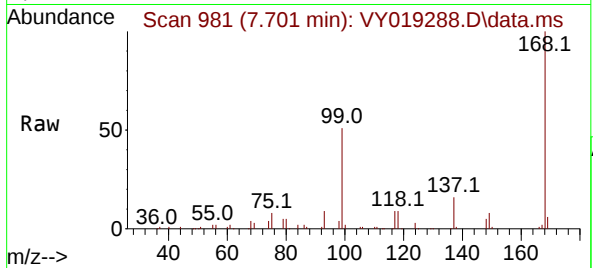




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019288.D
Acq: 27 Aug 2024 16:00

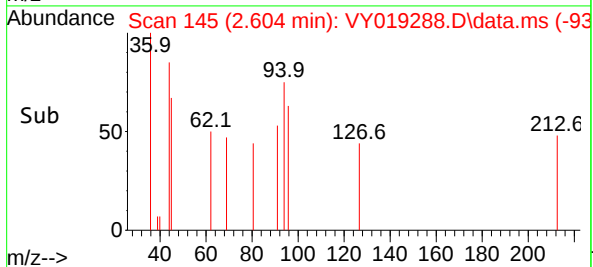
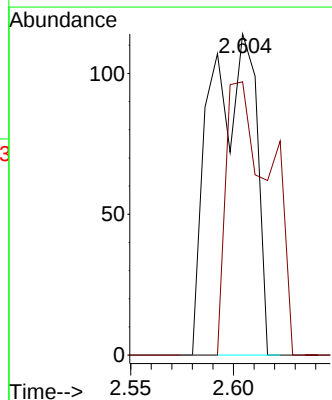
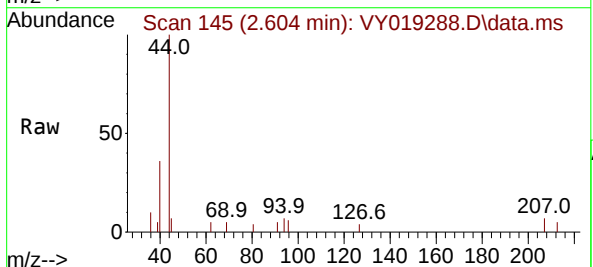
Instrument :
MSVOA_Y
ClientSampleId :

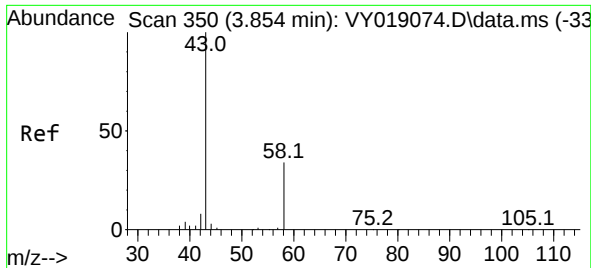
Tgt Ion:168 Resp: 62817
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019288.D
Acq: 27 Aug 2024 16:00

Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 85.1 74.1 111.1





#16

Acetone

Concen: 5.617 ug/l

RT: 3.860 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY019288.D

Acq: 27 Aug 2024 16:00

Instrument :

MSVOA_Y

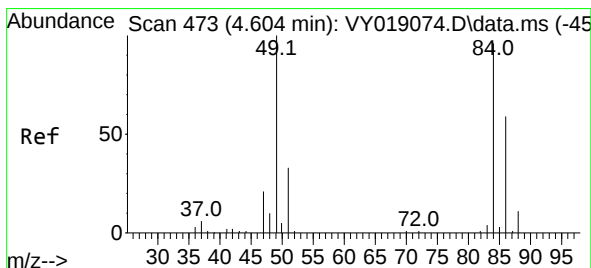
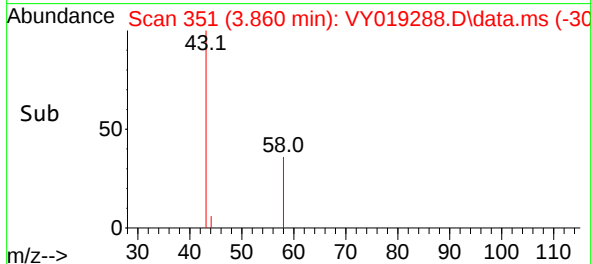
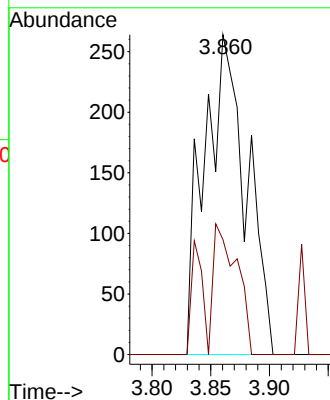
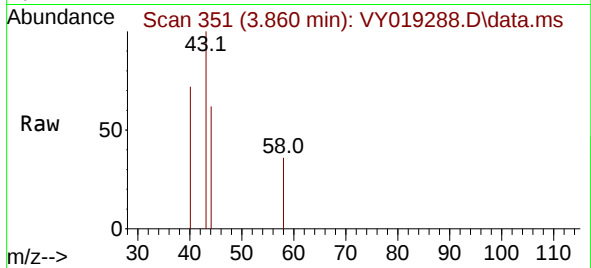
ClientSampleId :

Tgt Ion: 43 Resp: 656

Ion Ratio Lower Upper

43 100

58 36.0 31.7 47.5



#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019288.D

Acq: 27 Aug 2024 16:00

Tgt Ion: 84 Resp: 2884

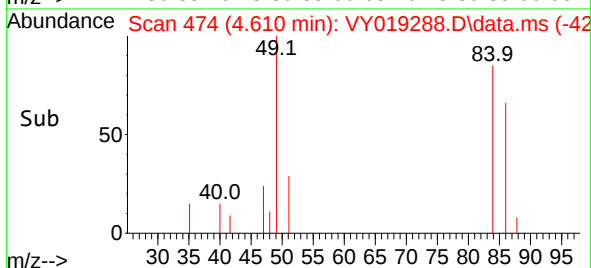
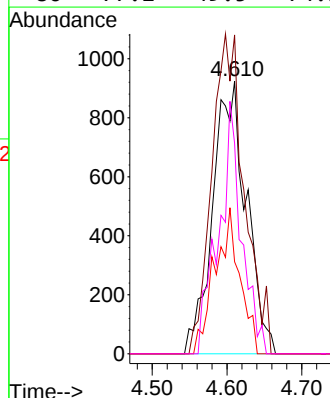
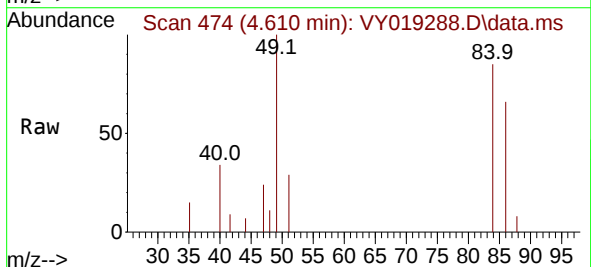
Ion Ratio Lower Upper

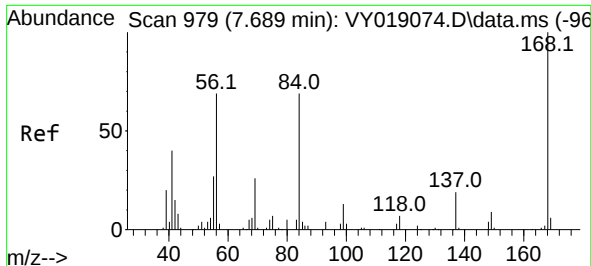
84 100

49 117.0 84.4 126.6

51 33.8 26.0 39.0

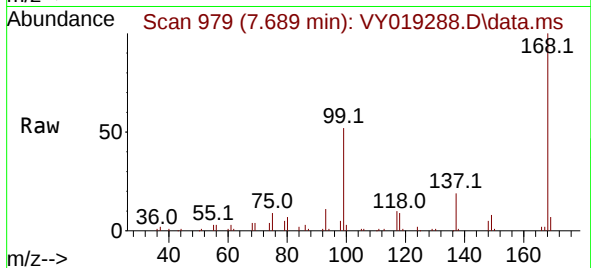
86 77.2 49.5 74.3#



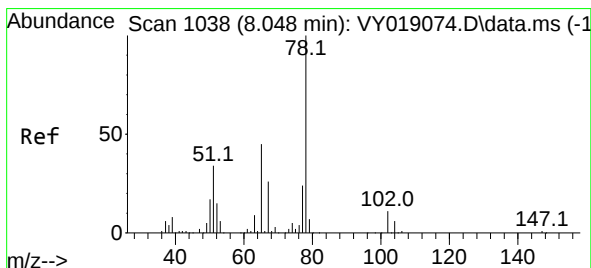
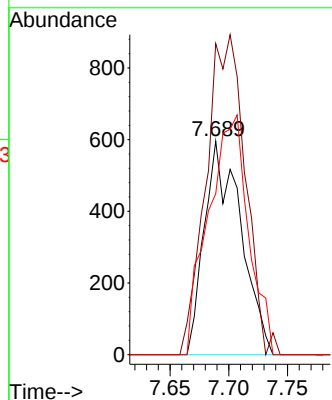
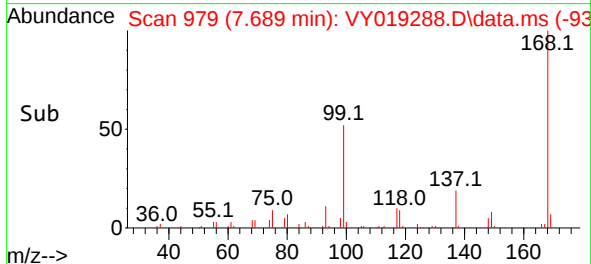


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019288.D
Acq: 27 Aug 2024 16:00

Instrument :
MSVOA_Y
ClientSampleId :

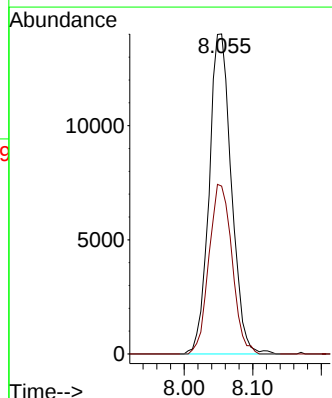
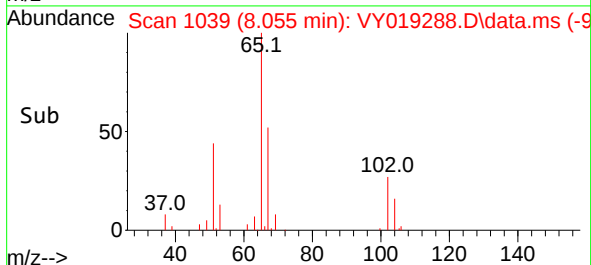
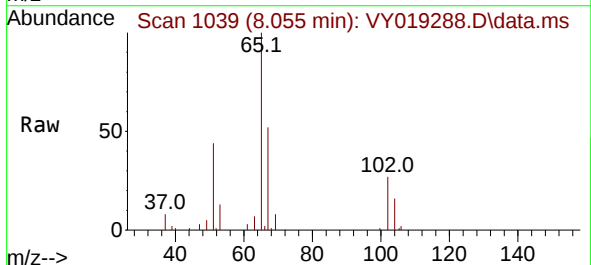


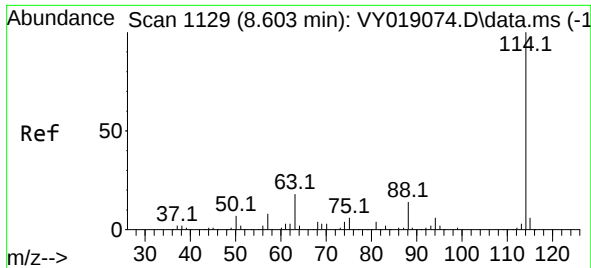
Tgt Ion: 56 Resp: 1280
Ion Ratio Lower Upper
56 100
69 145.6 28.7 43.1#
84 75.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 50.228 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019288.D
Acq: 27 Aug 2024 16:00

Tgt Ion: 65 Resp: 31628
Ion Ratio Lower Upper
65 100
67 54.9 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: VY019288.D

Acq: 27 Aug 2024 16:00

Instrument :

MSVOA_Y

ClientSampleId :

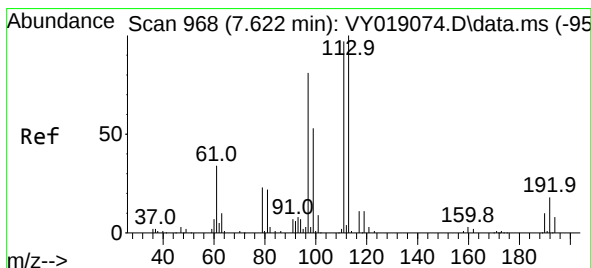
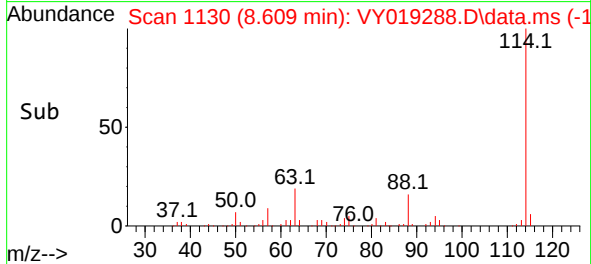
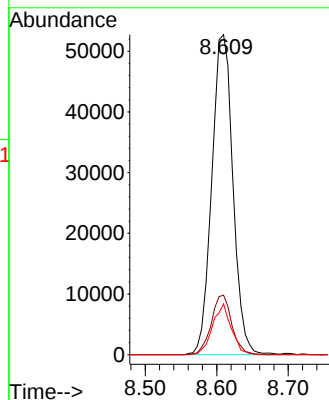
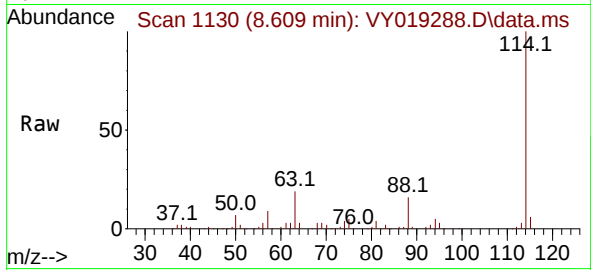
Tgt Ion:114 Resp: 108294

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 15.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.090 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019288.D

Acq: 27 Aug 2024 16:00

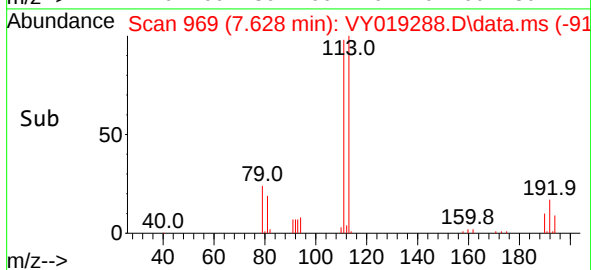
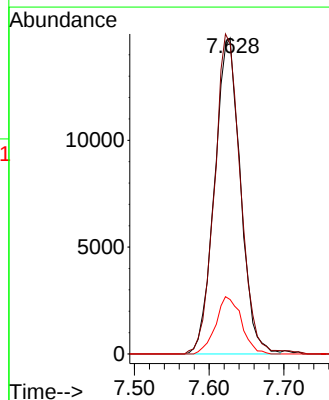
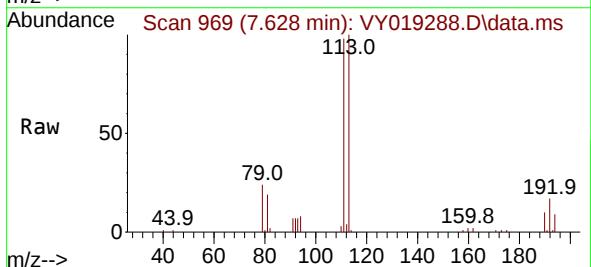
Tgt Ion:113 Resp: 35468

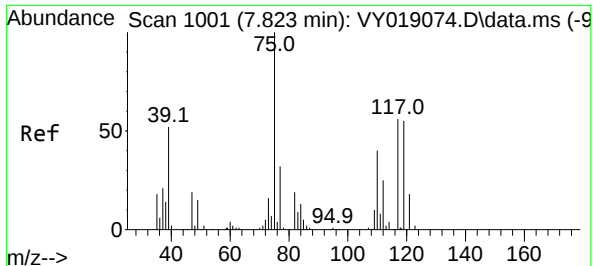
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

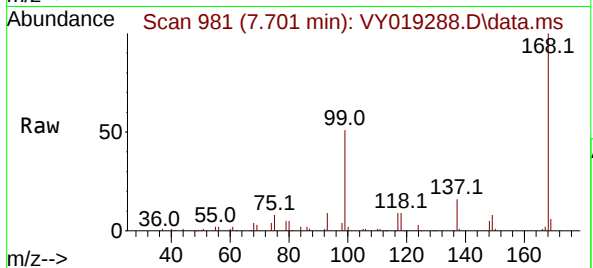
192 18.0 15.9 23.9



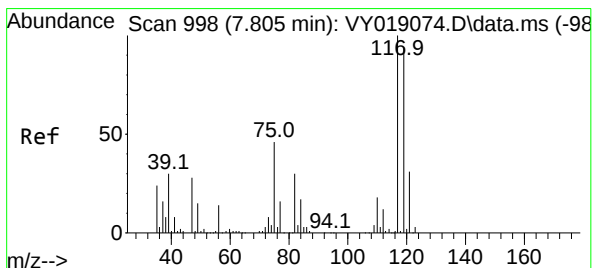
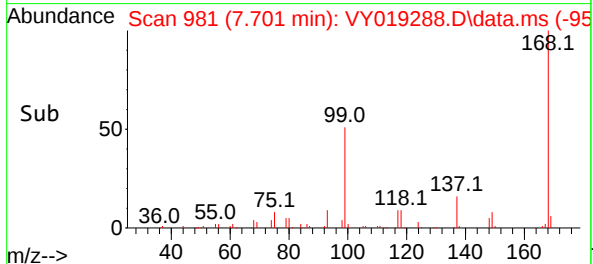
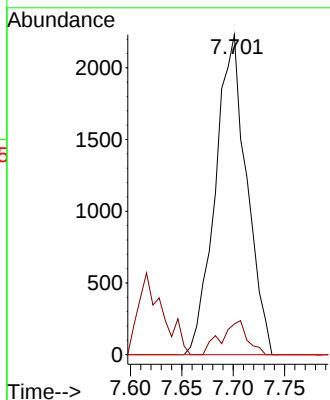


#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019288.D
Acq: 27 Aug 2024 16:00

Instrument :
MSVOA_Y
ClientSampleId :

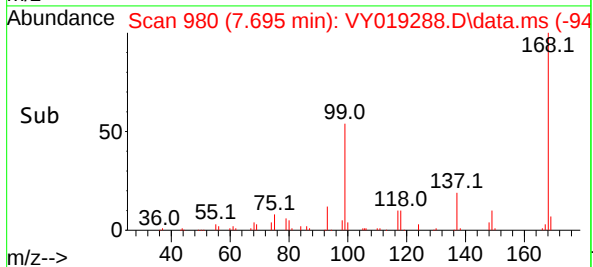
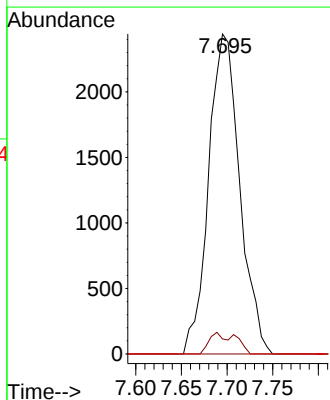
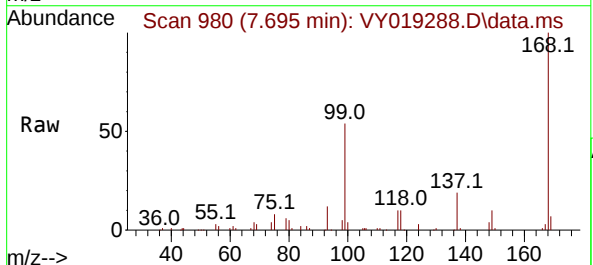


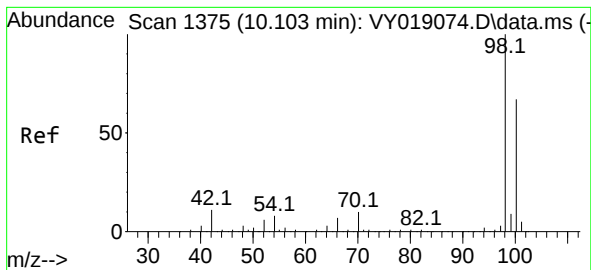
Tgt Ion: 75 Resp: 4741
Ion Ratio Lower Upper
75 100
110 8.8 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.132 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY019288.D
Acq: 27 Aug 2024 16:00

Tgt Ion: 117 Resp: 5783
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.607 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019288.D

Acq: 27 Aug 2024 16:00

Instrument :

MSVOA_Y

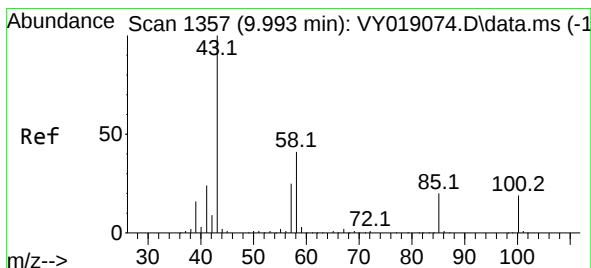
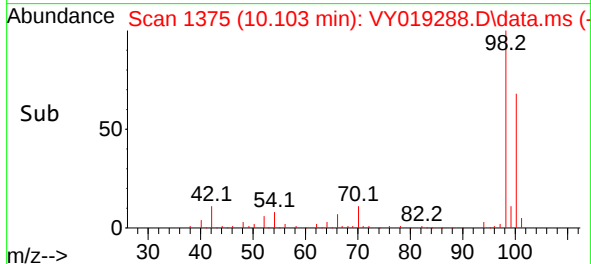
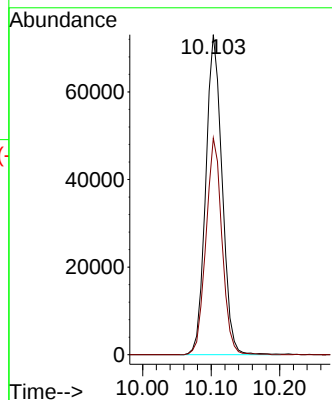
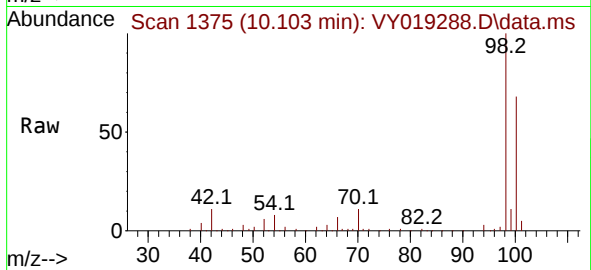
ClientSampleId :

Tgt Ion: 98 Resp: 121311

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.001 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.110 min

Lab File: VY019288.D

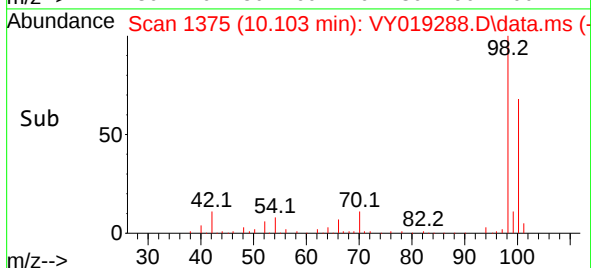
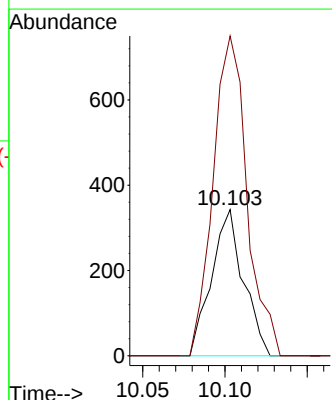
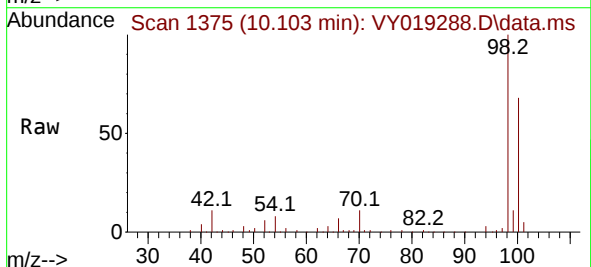
Acq: 27 Aug 2024 16:00

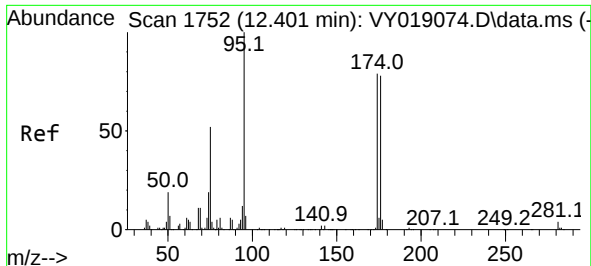
Tgt Ion: 43 Resp: 463

Ion Ratio Lower Upper

43 100

58 232.2 35.7 53.5#

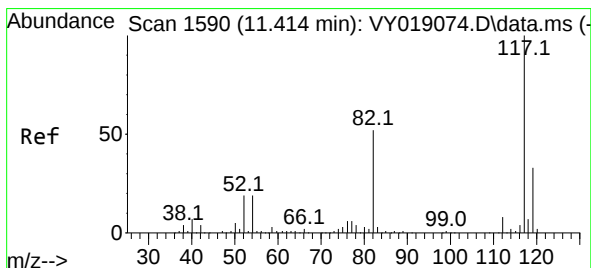
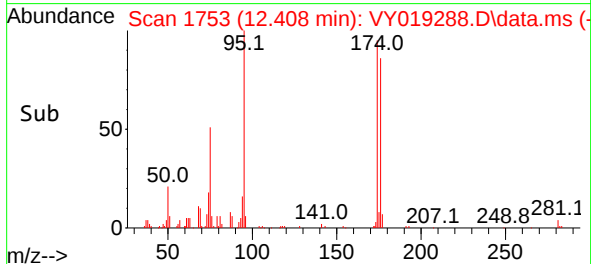
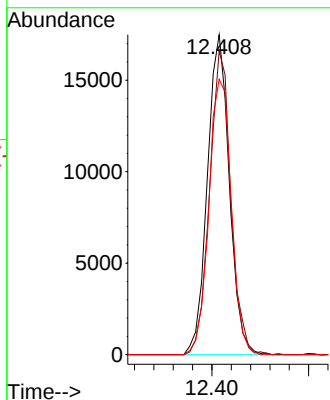
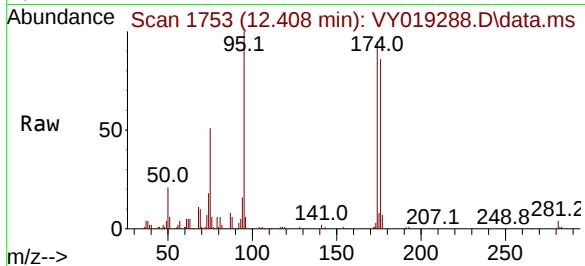




#62
4-Bromofluorobenzene
Concen: 31.732 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019288.D
Acq: 27 Aug 2024 16:00

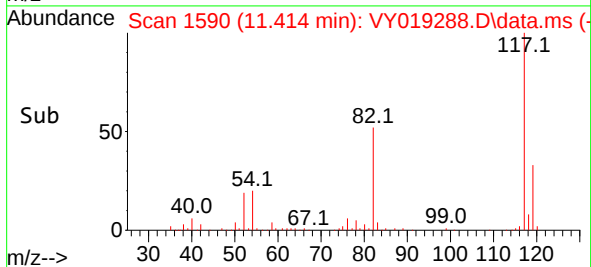
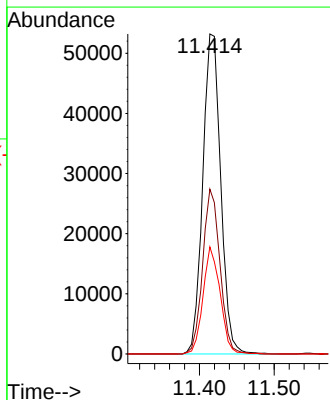
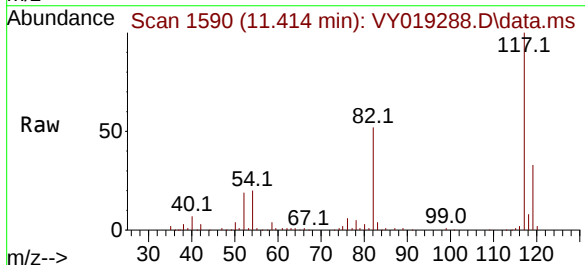
Instrument :
MSVOA_Y
ClientSampleId :

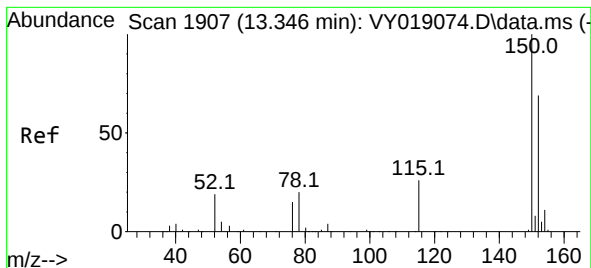
Tgt Ion:	95	Resp:	27565
Ion	Ratio	Lower	Upper
95	100		
174	91.6	0.0	175.6
176	88.2	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019288.D
Acq: 27 Aug 2024 16:00

Tgt Ion:	117	Resp:	88882
Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.4	63.6
119	33.5	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

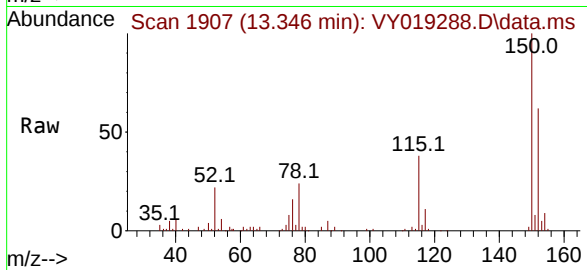
Lab File: VY019288.D

Acq: 27 Aug 2024 16:00

Instrument :

MSVOA_Y

ClientSampleId :



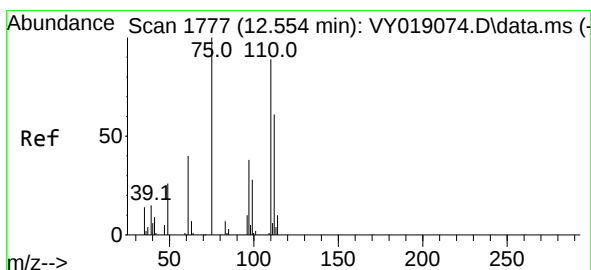
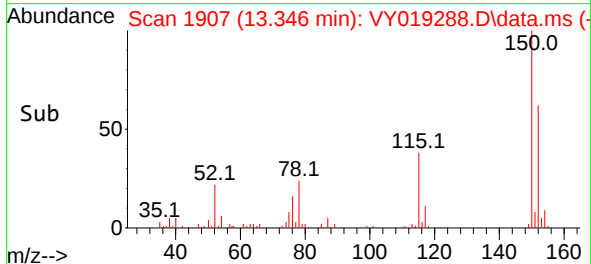
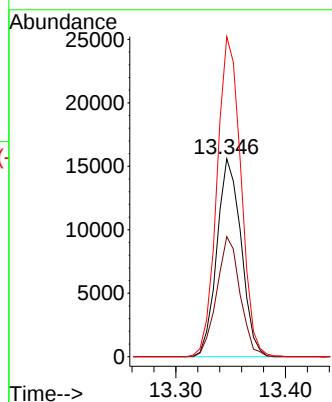
Tgt Ion:152 Resp: 23956

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 159.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 62.100 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019288.D

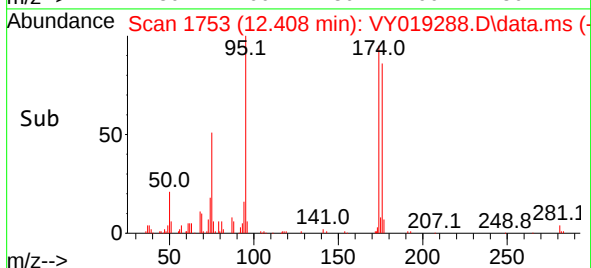
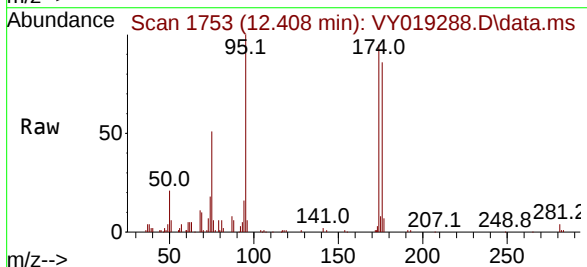
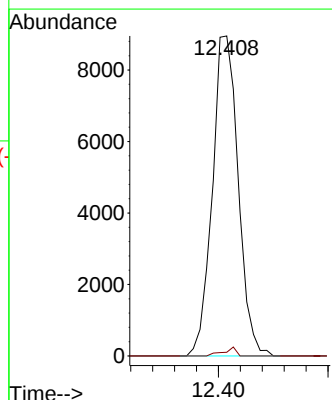
Acq: 27 Aug 2024 16:00

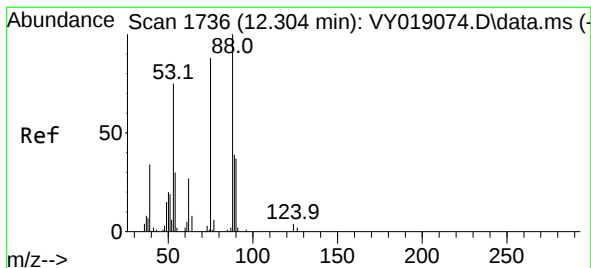
Tgt Ion: 75 Resp: 14671

Ion Ratio Lower Upper

75 100

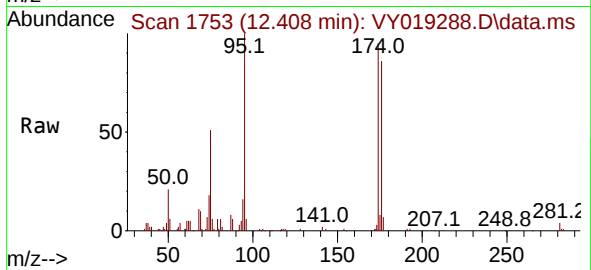
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.365 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019288.D
 Acq: 27 Aug 2024 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 14671
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

