

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081624\
 Data File : VY019104.D
 Acq On : 16 Aug 2024 19:38
 Operator : SY/MD
 Sample : P3617-09
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 17 00:09:51 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)

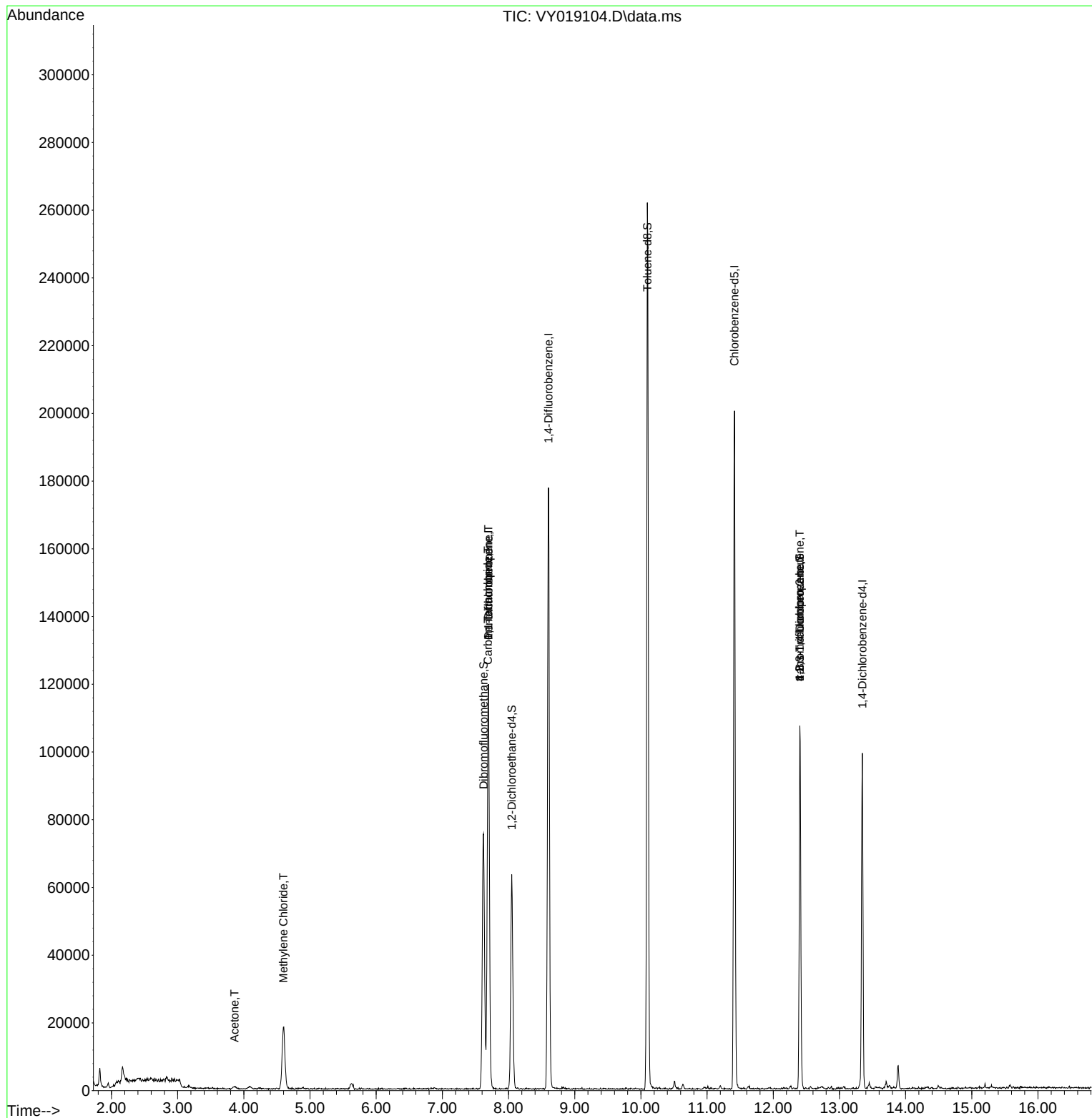
Internal Standards						
1) Pentafluorobenzene	7.695	168	92717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	156080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	112119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	24124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	47602	51.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.440%	
35) Dibromofluoromethane	7.622	113	52391	51.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.680%	
50) Toluene-d8	10.097	98	171014	46.565	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.140%	
62) 4-Bromofluorobenzene	12.401	95	31071	24.818	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 49.640%	
Target Compounds						
5) Bromomethane	2.598	94	236	Below Cal	#	49
6) Chloroethane	2.751	64	64	Below Cal	#	42
11) Tert butyl alcohol	4.842	59	120	Below Cal	#	88
16) Acetone	3.860	43	1389	8.059	ug/l #	71
20) Methylene Chloride	4.598	84	13983	3.565	ug/l	94
31) Cyclohexane	7.689	56	2124	Below Cal	#	48
36) 1,1-Dichloropropene	7.695	75	7185	5.127	ug/l #	48
38) Carbon Tetrachloride	7.689	117	8843	5.445	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	16943	71.217	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	16943	175.882	ug/l #	16

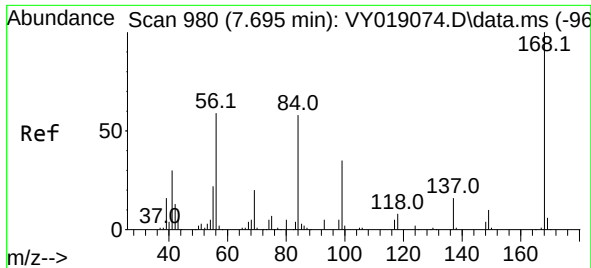
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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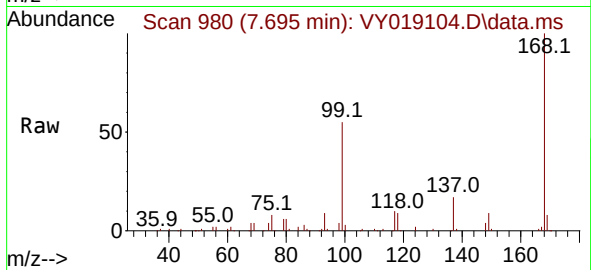
Quant Time: Aug 17 00:09:51 2024
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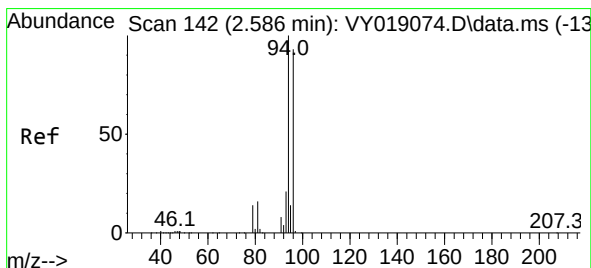
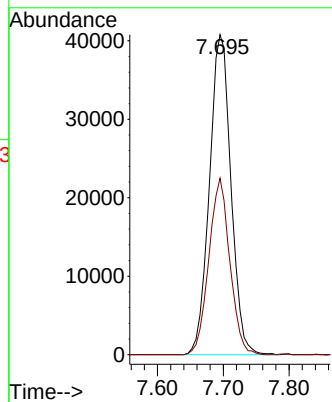
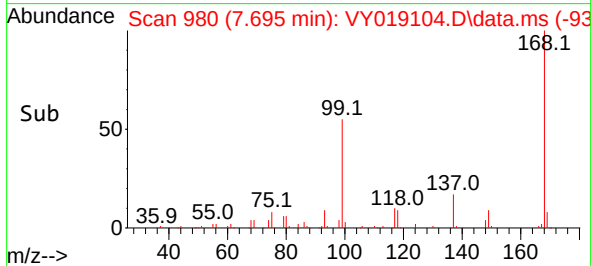


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019104.D
Acq: 16 Aug 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

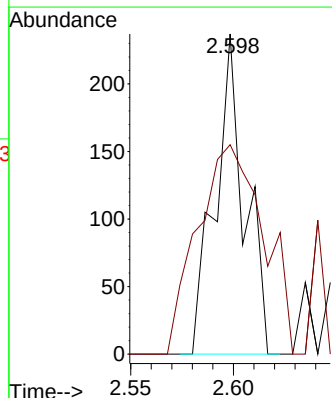
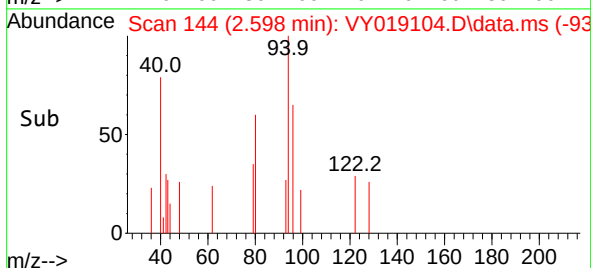
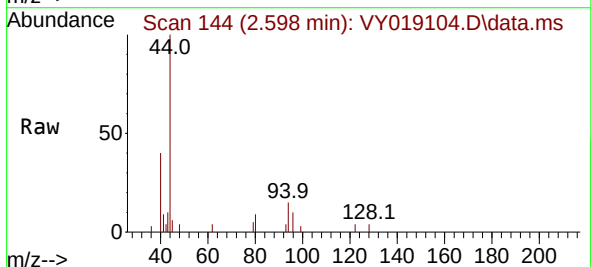


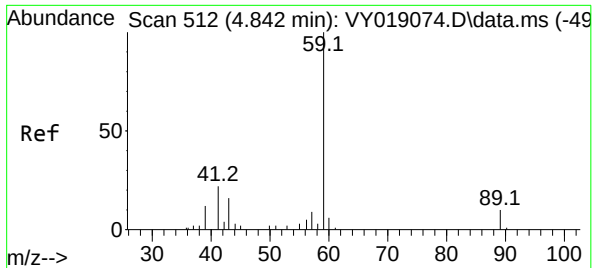
Tgt Ion:168 Resp: 92717
Ion Ratio Lower Upper
168 100
99 55.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019104.D
Acq: 16 Aug 2024 19:38

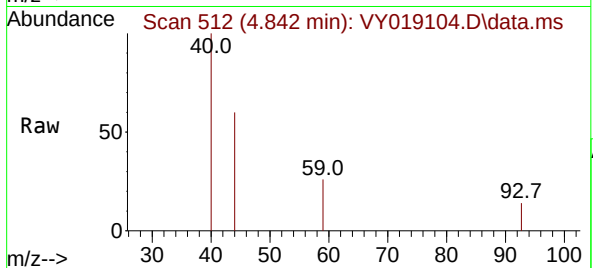
Tgt Ion: 94 Resp: 236
Ion Ratio Lower Upper
94 100
96 43.9 74.1 111.1#



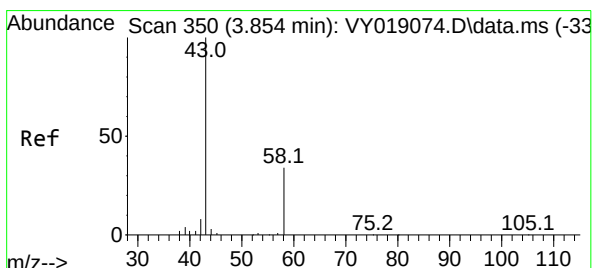
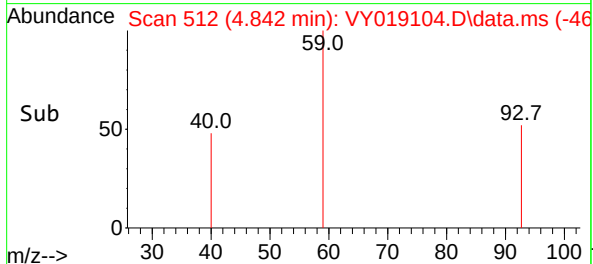
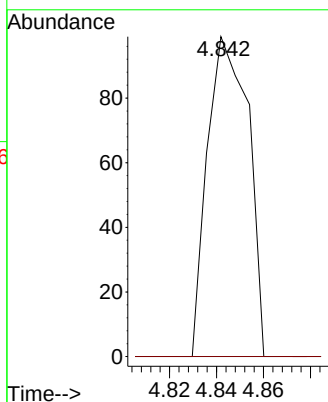


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.842 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY019104.D
Acq: 16 Aug 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

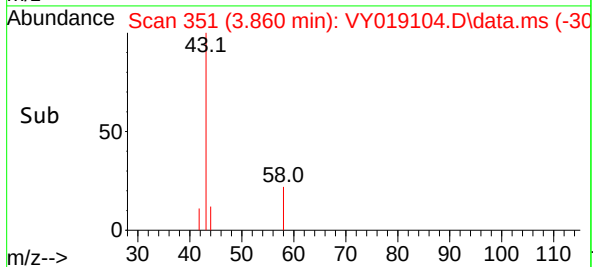
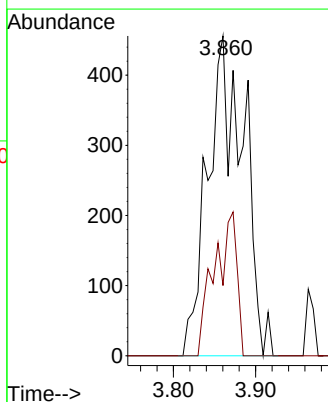
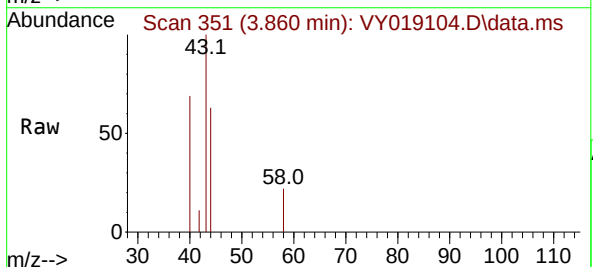


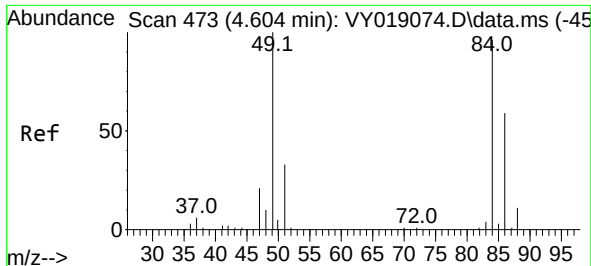
Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#16
Acetone
Concen: 8.059 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019104.D
Acq: 16 Aug 2024 19:38

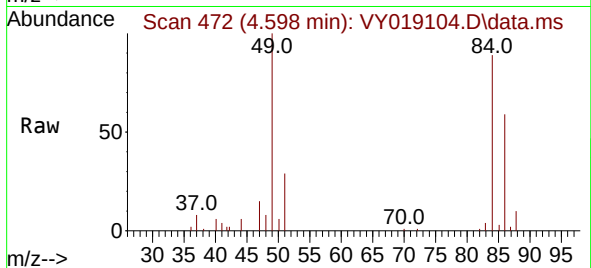
Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
58 21.9 31.7 47.5#



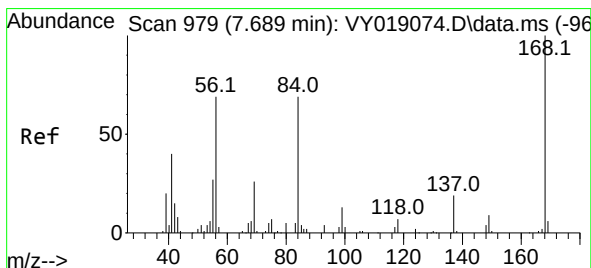
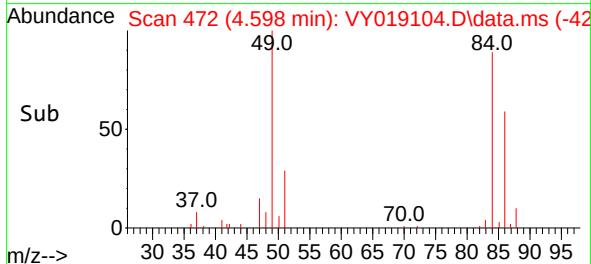
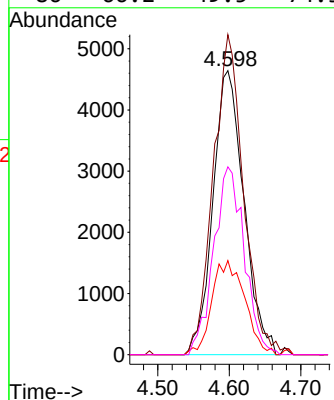


#20
Methylene Chloride
Concen: 3.565 ug/l
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019104.D
Acq: 16 Aug 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

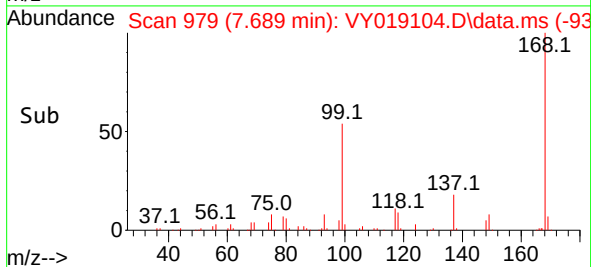
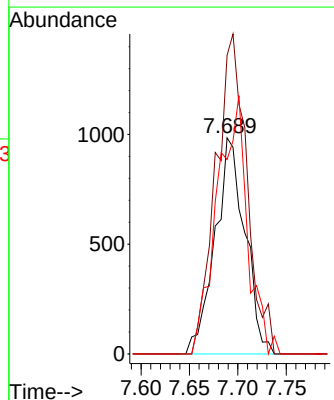
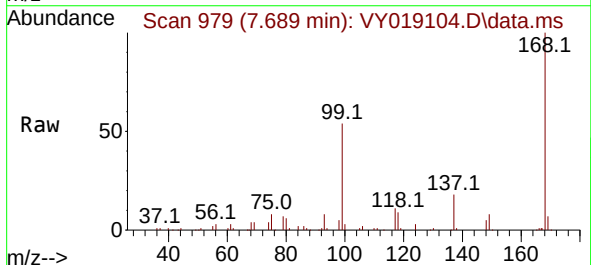


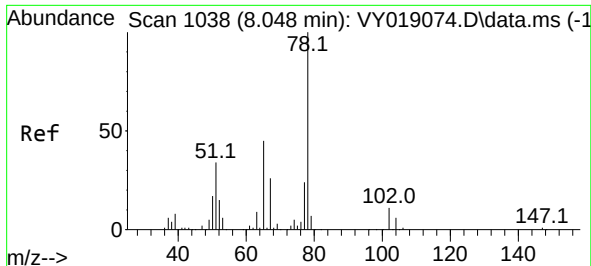
Tgt Ion: 84	Resp: 13983
Ion Ratio	Lower Upper
84 100	
49 112.7	84.4 126.6
51 33.2	26.0 39.0
86 66.2	49.5 74.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY019104.D
Acq: 16 Aug 2024 19:38

Tgt Ion: 56	Resp: 2124
Ion Ratio	Lower Upper
56 100	
69 138.2	28.7 43.1#
84 89.9	77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 51.217 ug/l

RT: 8.049 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019104.D

Acq: 16 Aug 2024 19:38

Instrument :

MSVOA_Y

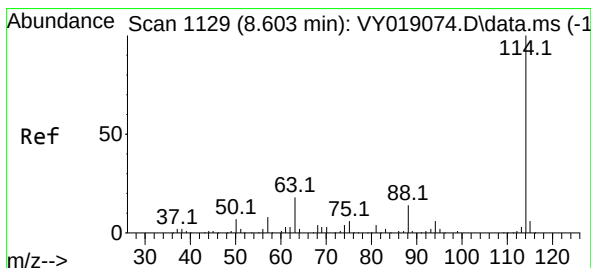
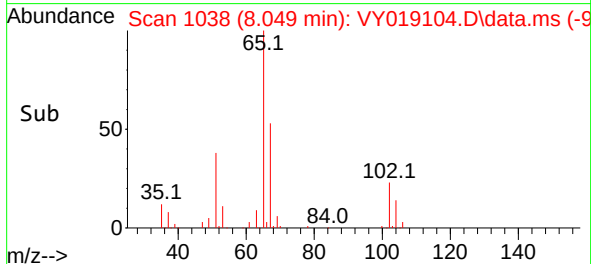
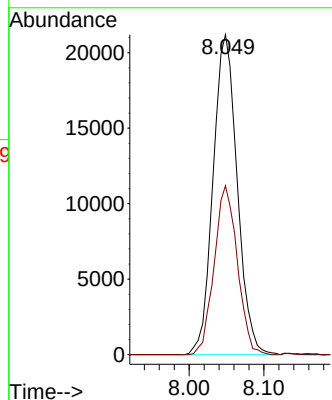
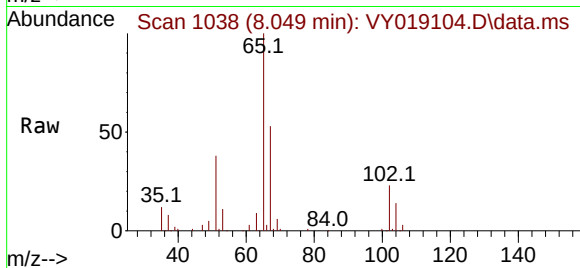
ClientSampleId :

Tgt Ion: 65 Resp: 47602

Ion Ratio Lower Upper

65 100

67 50.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019104.D

Acq: 16 Aug 2024 19:38

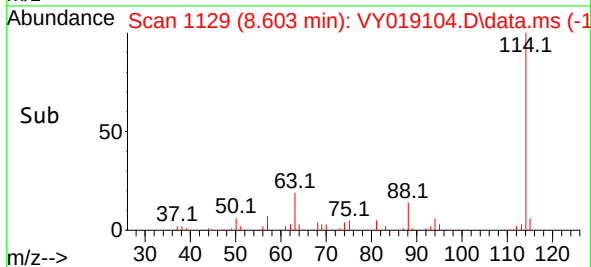
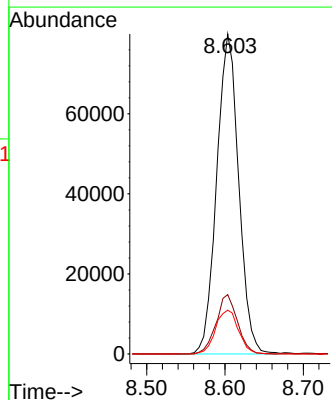
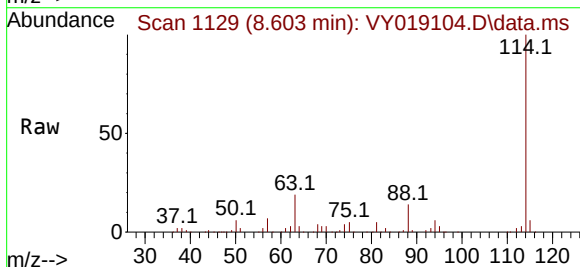
Tgt Ion: 114 Resp: 156080

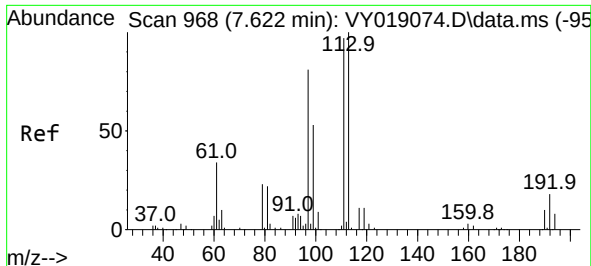
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.0

88 13.7 0.0 27.2

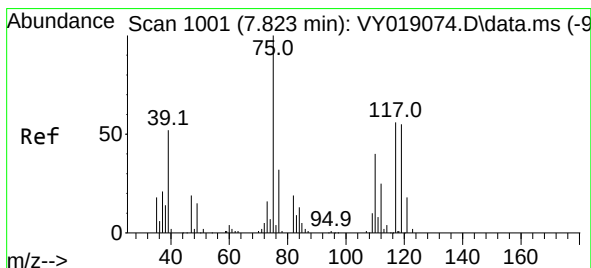
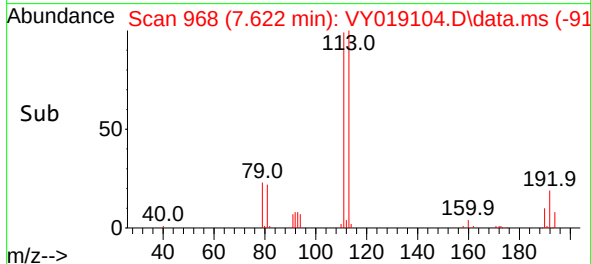
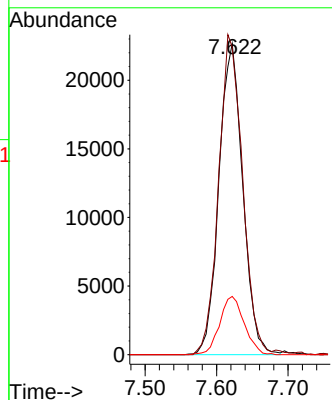
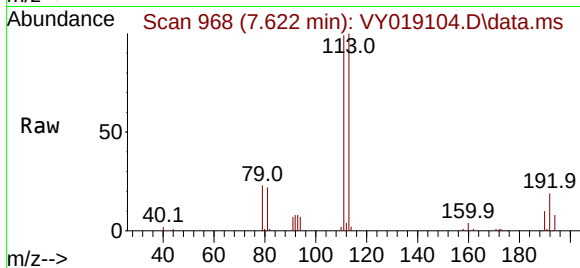




#35
Dibromofluoromethane
Concen: 51.336 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019104.D
Acq: 16 Aug 2024 19:38

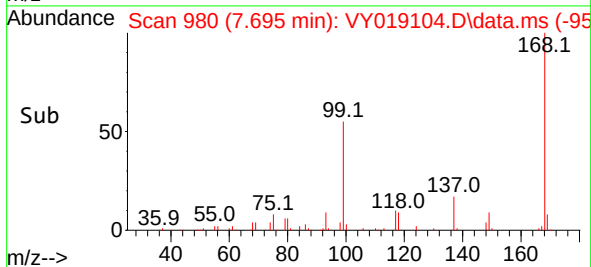
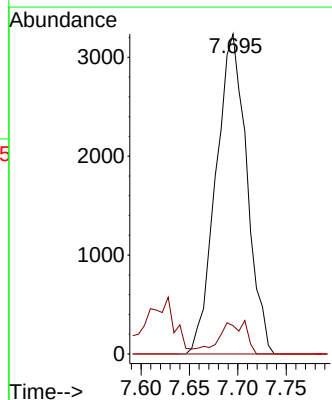
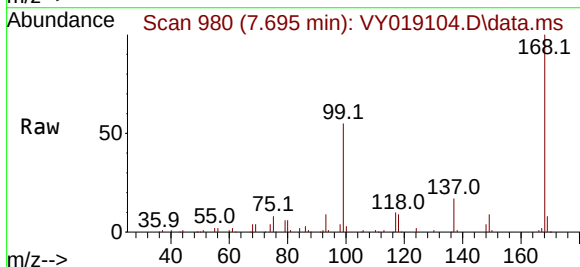
Instrument :
MSVOA_Y
ClientSampleId :

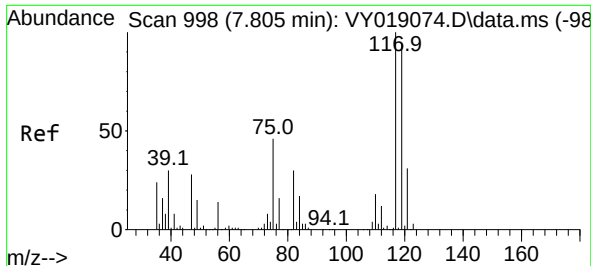
Tgt Ion:113 Resp: 52391
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 19.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.127 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019104.D
Acq: 16 Aug 2024 19:38

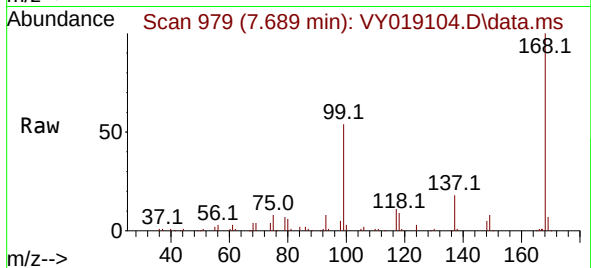
Tgt Ion: 75 Resp: 7185
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#



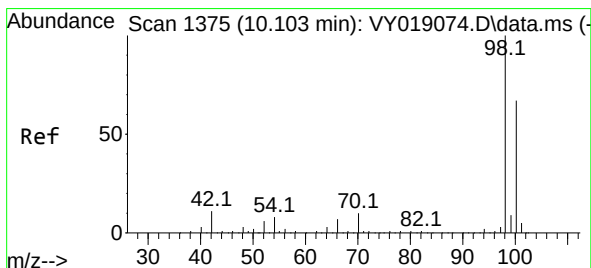
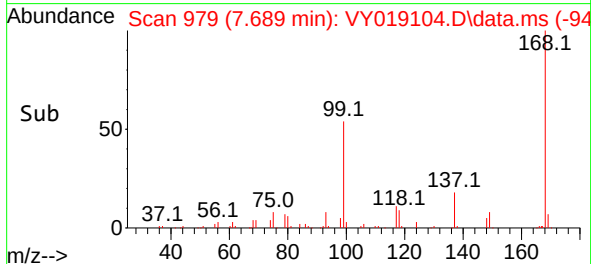
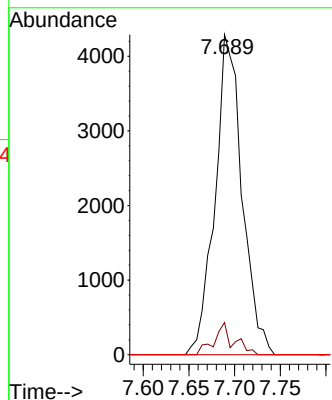


#38
Carbon Tetrachloride
Concen: 5.445 ug/l
RT: 7.689 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY019104.D
Acq: 16 Aug 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :

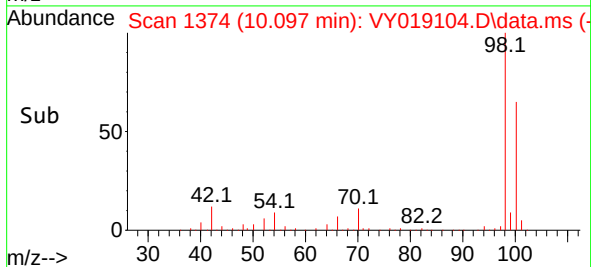
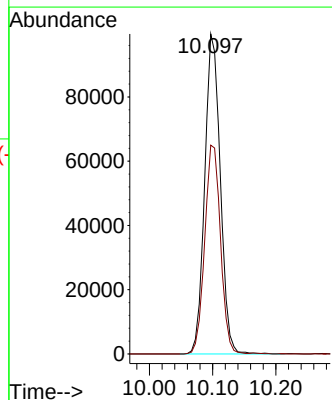
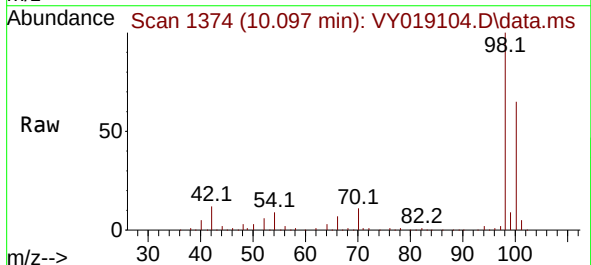


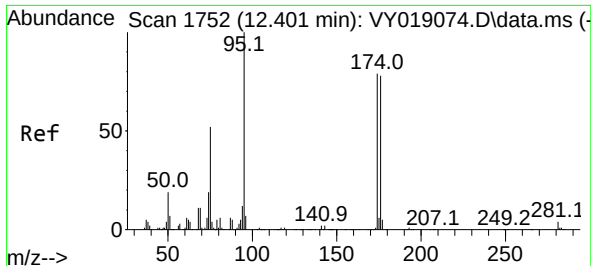
Tgt Ion:117 Resp: 8843
Ion Ratio Lower Upper
117 100
119 10.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.565 ug/l
RT: 10.097 min Scan# 1374
Delta R.T. -0.006 min
Lab File: VY019104.D
Acq: 16 Aug 2024 19:38

Tgt Ion: 98 Resp: 171014
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0

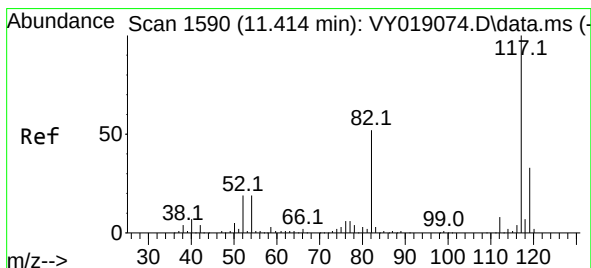
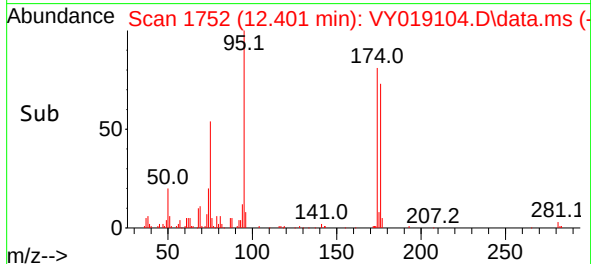
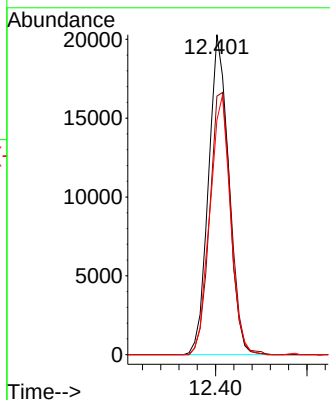
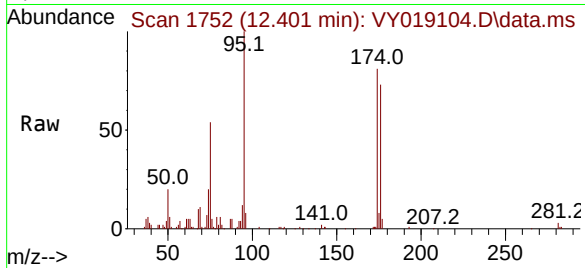




#62
4-Bromofluorobenzene
Concen: 24.818 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019104.D
Acq: 16 Aug 2024 19:38

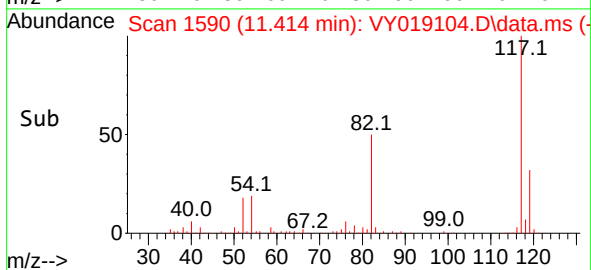
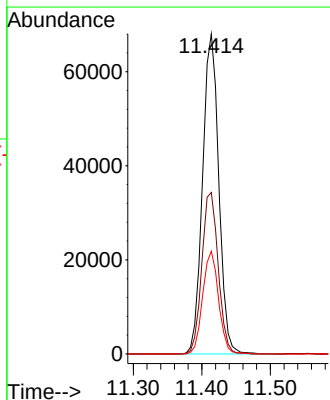
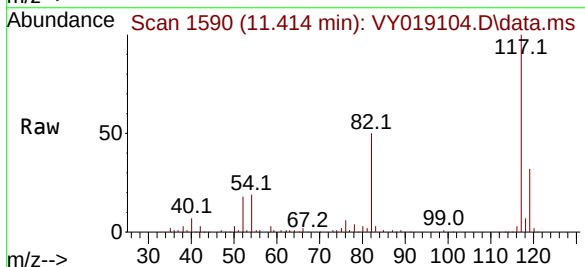
Instrument :
MSVOA_Y
ClientSampleId :

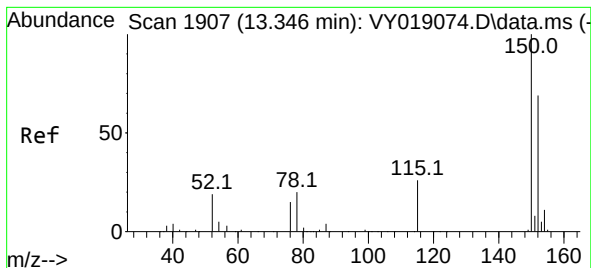
Tgt Ion: 95 Resp: 31071
Ion Ratio Lower Upper
95 100
174 86.6 0.0 175.6
176 82.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019104.D
Acq: 16 Aug 2024 19:38

Tgt Ion: 117 Resp: 112119
Ion Ratio Lower Upper
117 100
82 50.5 42.4 63.6
119 32.1 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: VY019104.D

Acq: 16 Aug 2024 19:38

Instrument :

MSVOA_Y

ClientSampleId :

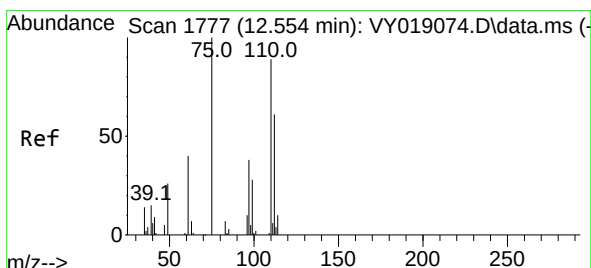
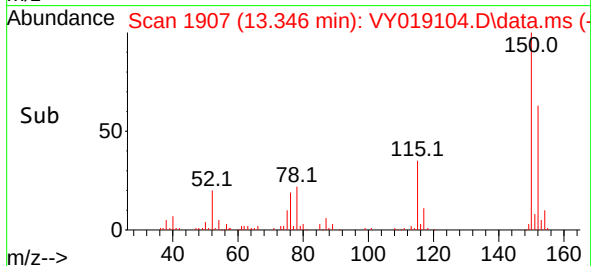
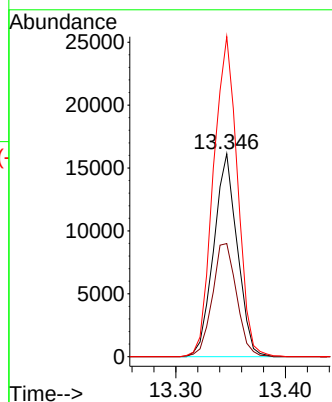
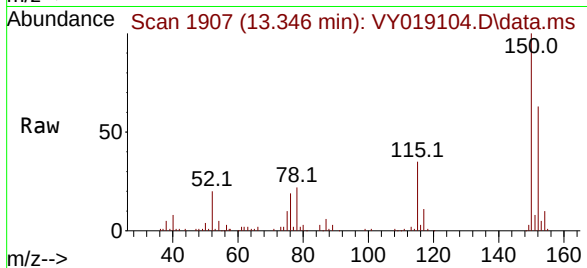
Tgt Ion:152 Resp: 24124

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 161.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 71.217 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY019104.D

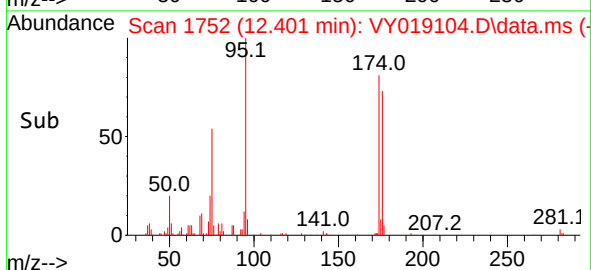
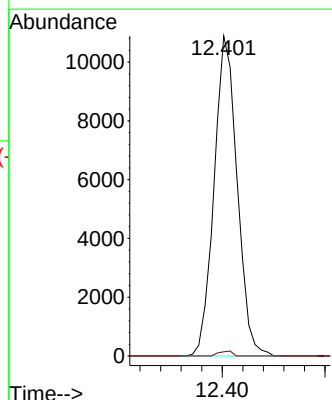
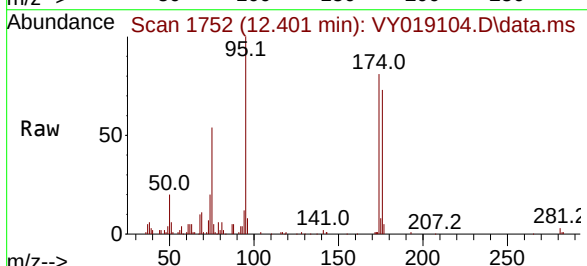
Acq: 16 Aug 2024 19:38

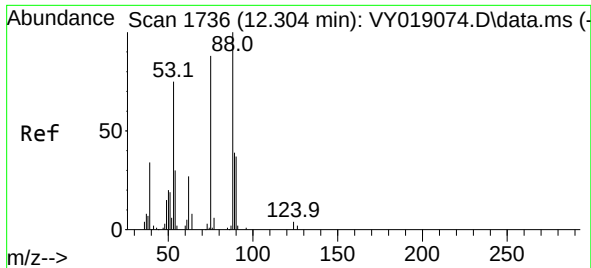
Tgt Ion: 75 Resp: 16943

Ion Ratio Lower Upper

75 100

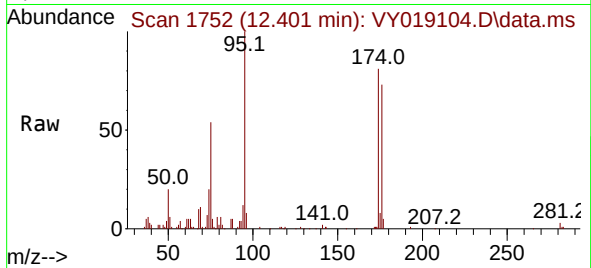
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 175.882 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019104.D
 Acq: 16 Aug 2024 19:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	16943
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

