

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019125.D
 Acq On : 19 Aug 2024 18:36
 Operator : SY/MD
 Sample : P3641-01
 Misc : 7.40g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

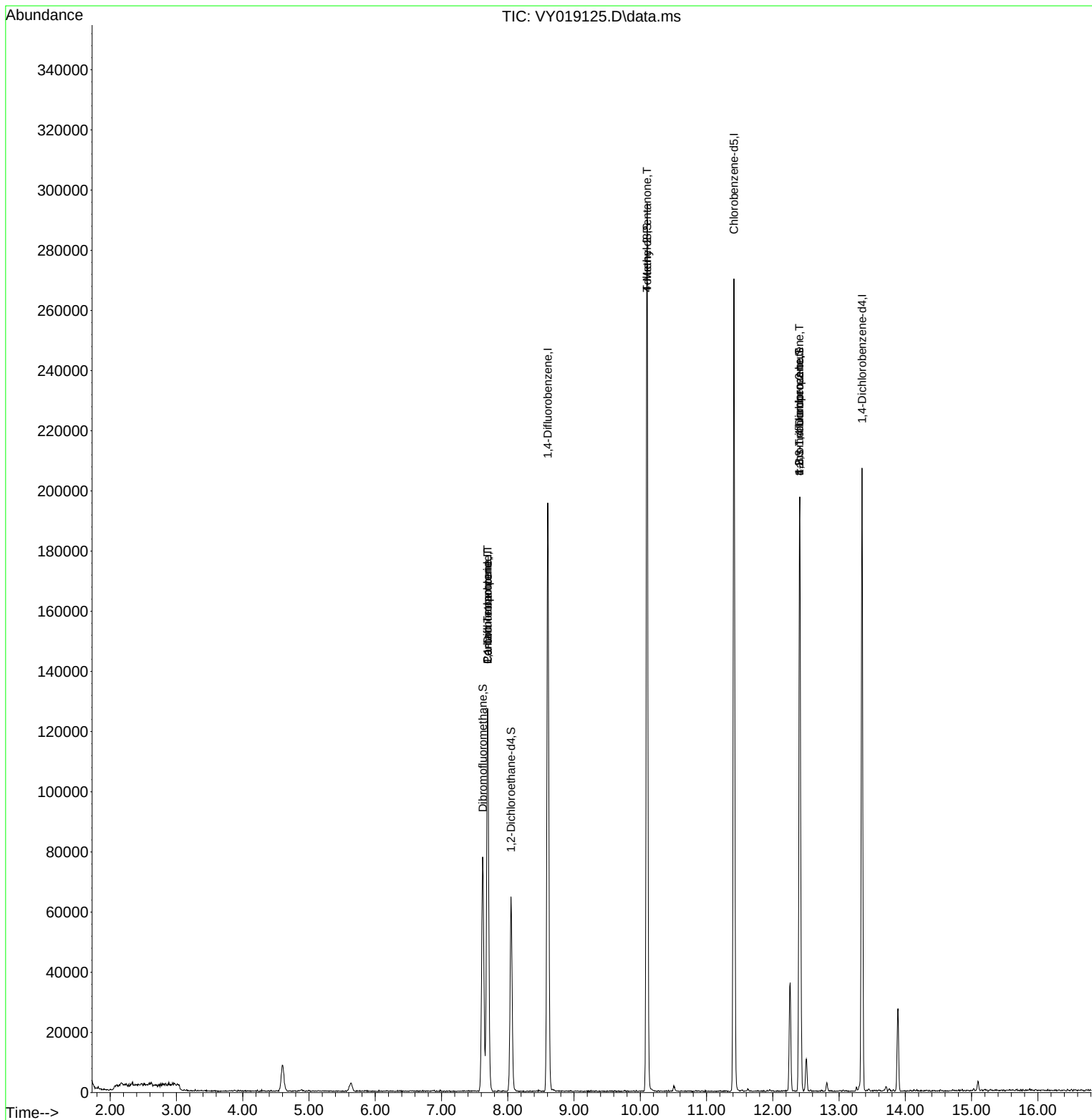
Quant Time: Aug 20 01:49:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

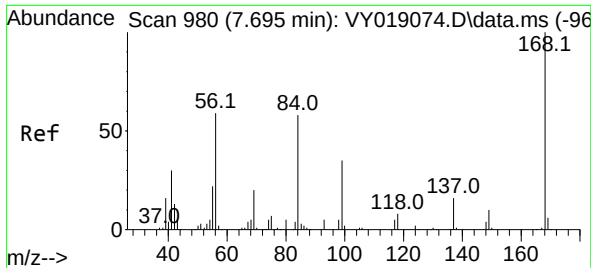
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.695	168	98587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	167105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	144214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	52802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	48758	49.337	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.680%
35) Dibromofluoromethane	7.622	113	53536	48.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.000%
50) Toluene-d8	10.103	98	187713	47.740	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.401	95	56116	41.865	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.720%
Target Compounds						
					Qvalue	
5) Bromomethane	2.574	94	46	Below Cal	#	3
6) Chloroethane	2.684	64	93	Below Cal	#	42
11) Tert butyl alcohol	4.842	59	53	Below Cal	#	88
20) Methylene Chloride	4.598	84	6414	Below Cal		92
31) Cyclohexane	7.689	56	2153	Below Cal	#	4
36) 1,1-Dichloropropene	7.695	75	7268	4.844	ug/l #	47
38) Carbon Tetrachloride	7.695	117	9614	5.529	ug/l #	19
51) 4-Methyl-2-Pentanone	10.103	43	786	1.102	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	31097	59.719	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	31097	147.486	ug/l #	16

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

Quant Time: Aug 20 01:49:16 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

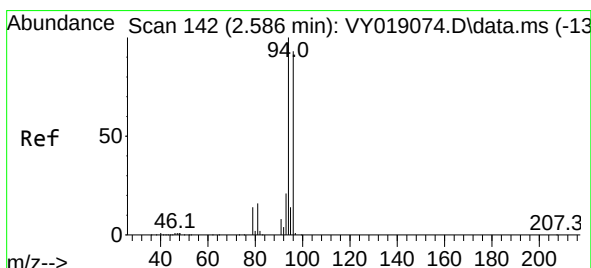
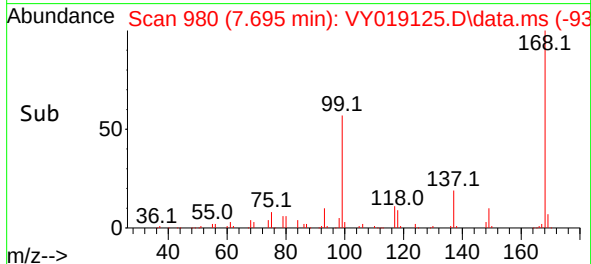
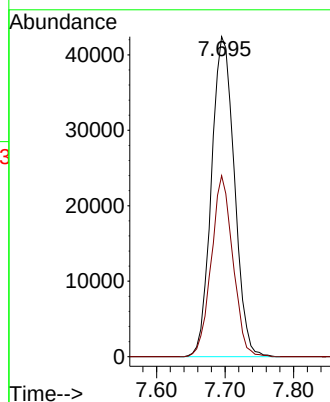
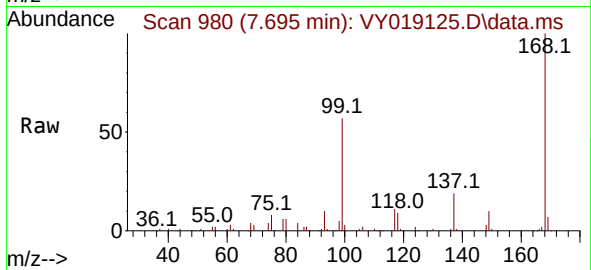




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019125.D
Acq: 19 Aug 2024 18:36

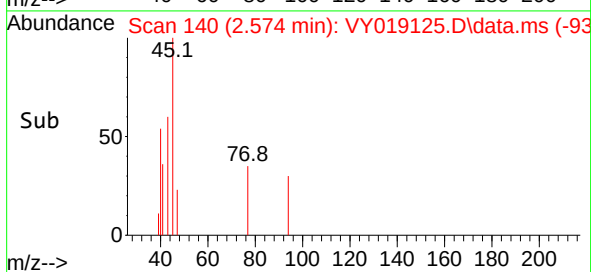
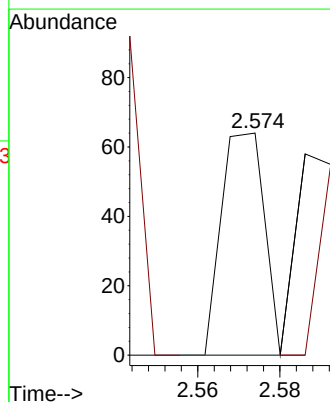
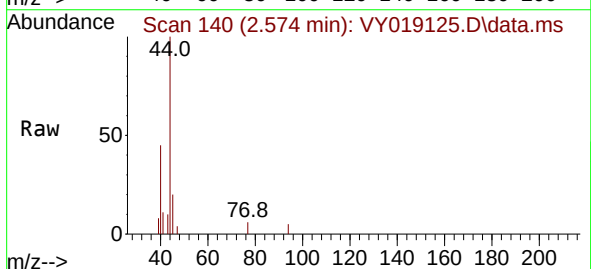
Instrument :
MSVOA_Y
ClientSampleId :

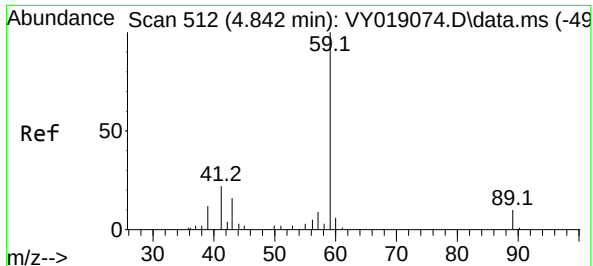
Tgt Ion:168 Resp: 98587
Ion Ratio Lower Upper
168 100
99 56.5 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.574 min Scan# 140
Delta R.T. -0.012 min
Lab File: VY019125.D
Acq: 19 Aug 2024 18:36

Tgt Ion: 94 Resp: 46
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.842 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY019125.D

Acq: 19 Aug 2024 18:36

Instrument :

MSVOA_Y

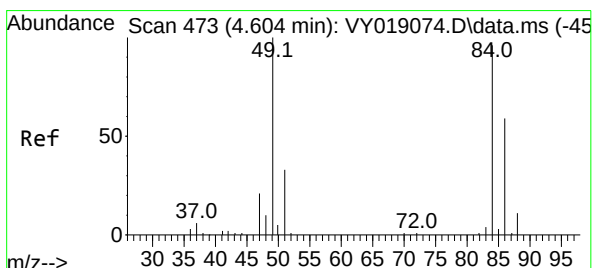
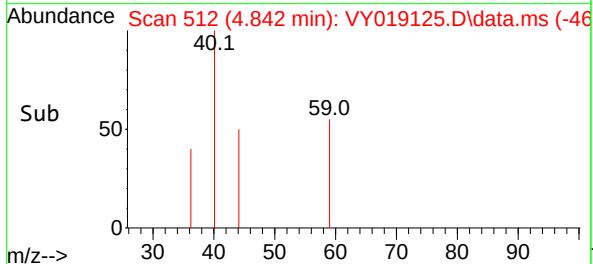
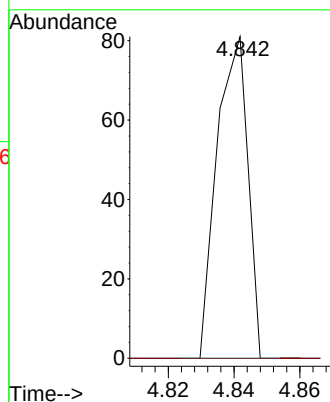
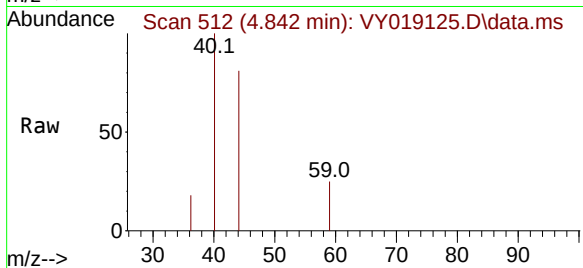
ClientSampleId :

Tgt Ion: 59 Resp: 53

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019125.D

Acq: 19 Aug 2024 18:36

Tgt Ion: 84 Resp: 6414

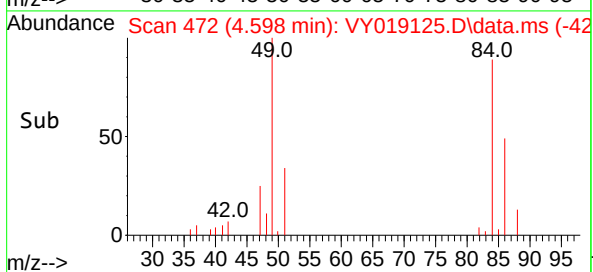
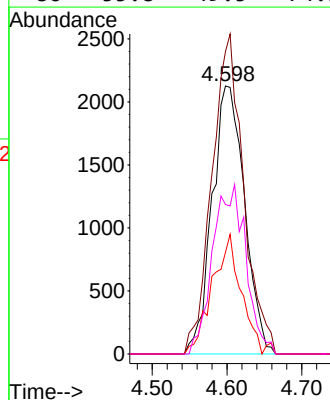
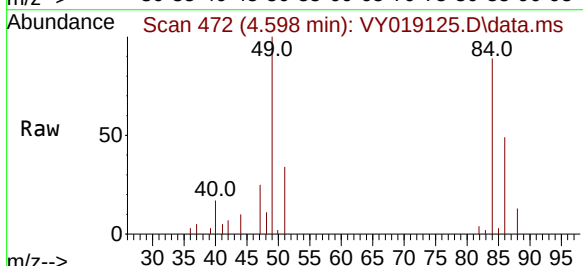
Ion Ratio Lower Upper

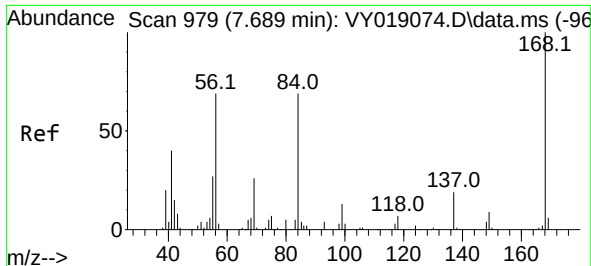
84 100

49 112.8 84.4 126.6

51 37.9 26.0 39.0

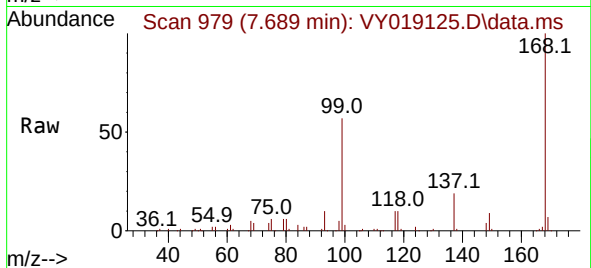
86 55.8 49.5 74.3



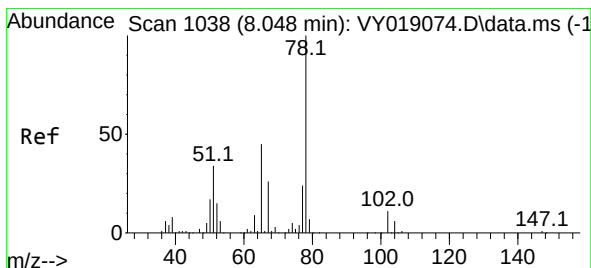
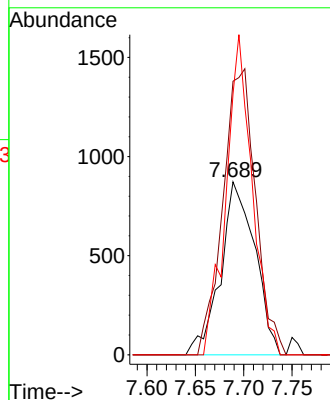
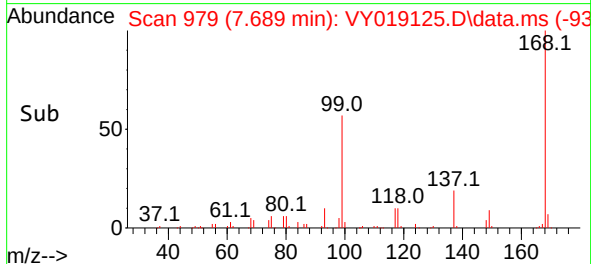


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019125.D
Acq: 19 Aug 2024 18:36

Instrument :
MSVOA_Y
ClientSampleId :

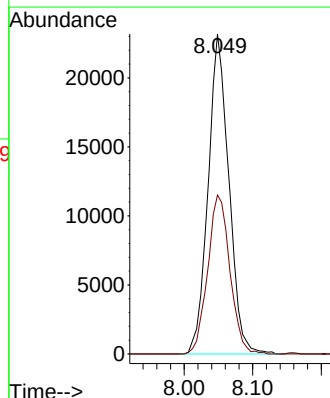
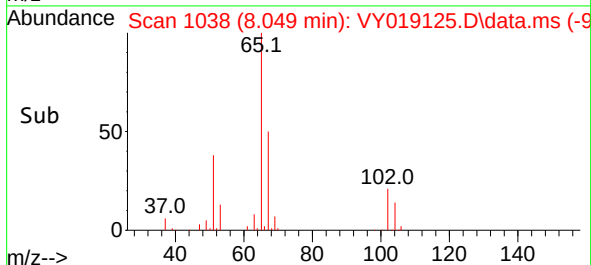
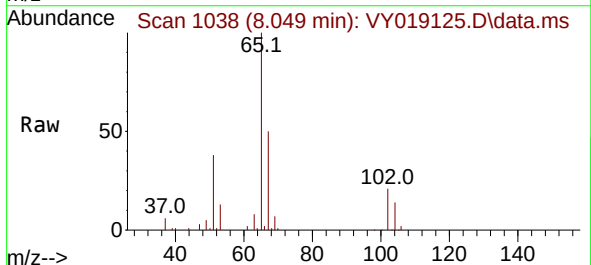


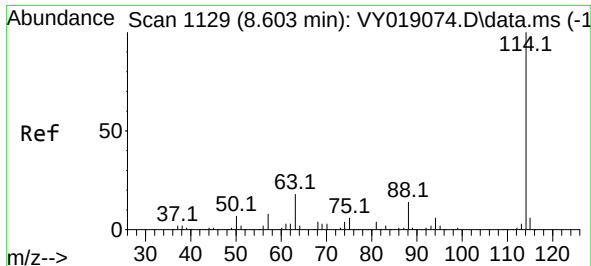
Tgt Ion: 56 Resp: 2153
Ion Ratio Lower Upper
56 100
69 158.3 28.7 43.1#
84 150.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.337 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019125.D
Acq: 19 Aug 2024 18:36

Tgt Ion: 65 Resp: 48758
Ion Ratio Lower Upper
65 100
67 53.1 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: VY019125.D

Acq: 19 Aug 2024 18:36

Instrument :

MSVOA_Y

ClientSampleId :

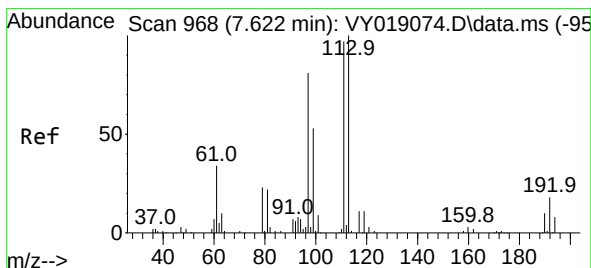
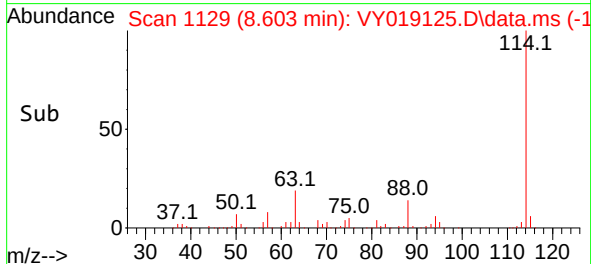
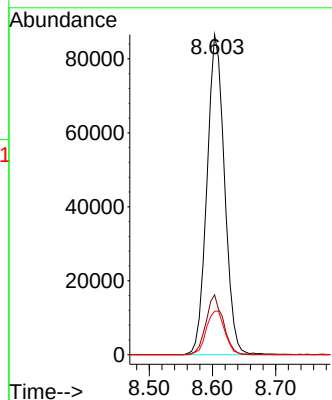
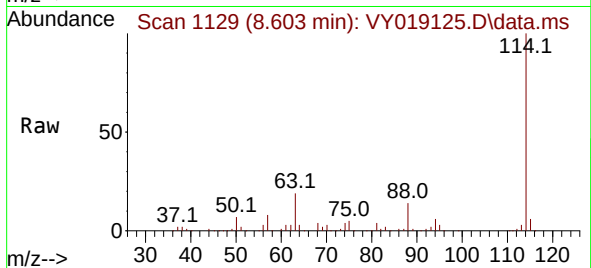
Tgt Ion:114 Resp: 167105

Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.997 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY019125.D

Acq: 19 Aug 2024 18:36

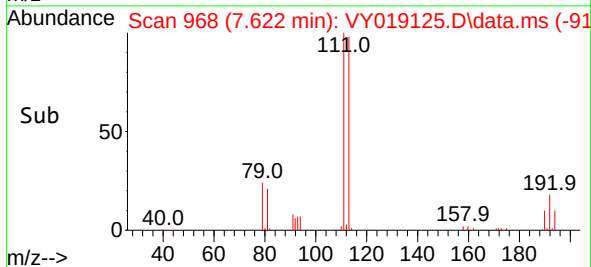
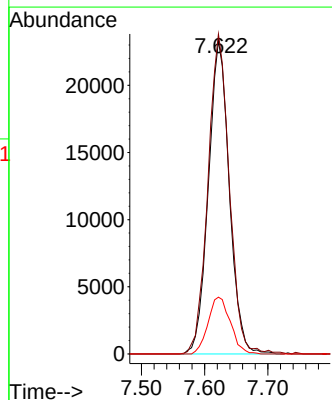
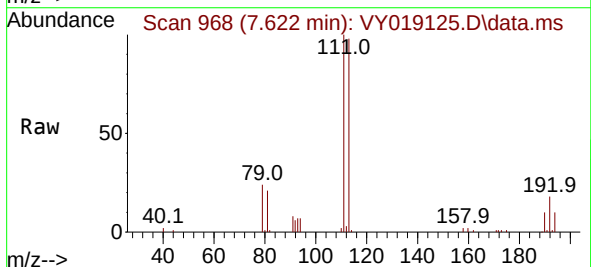
Tgt Ion:113 Resp: 53536

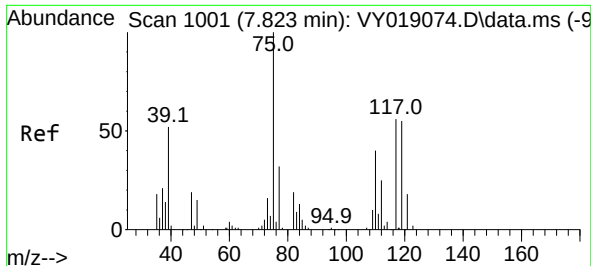
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 19.3 15.9 23.9

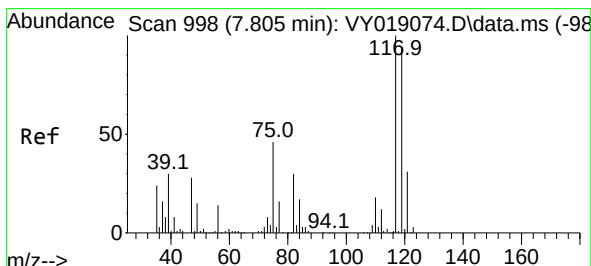
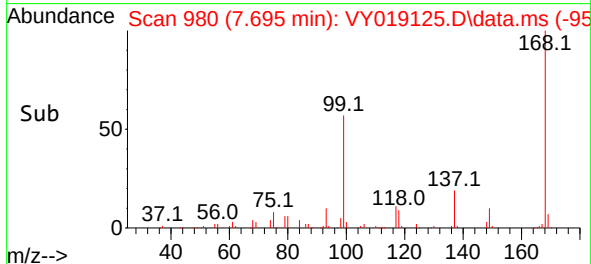
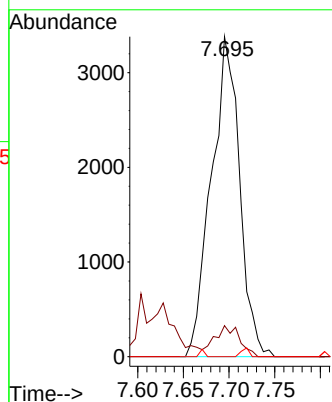
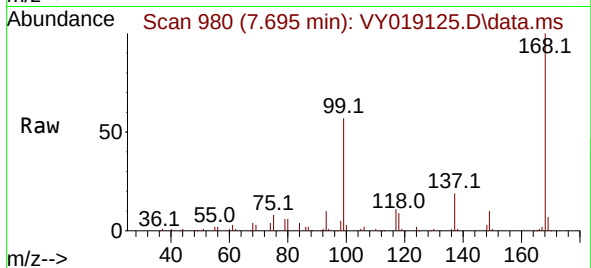




#36
1,1-Dichloropropene
Concen: 4.844 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019125.D
Acq: 19 Aug 2024 18:36

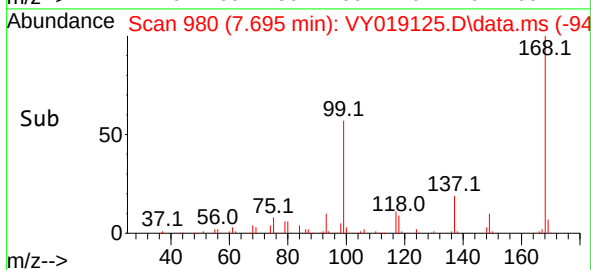
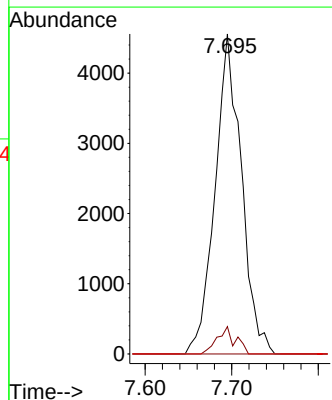
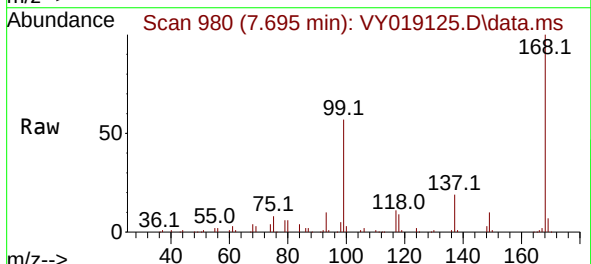
Instrument :
MSVOA_Y
ClientSampleId :

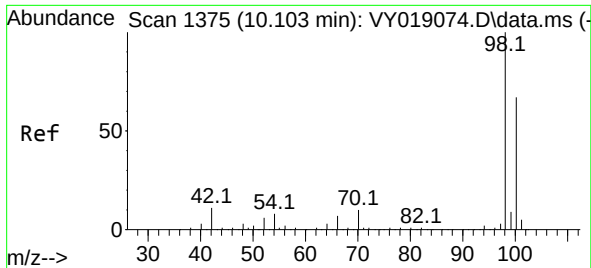
Tgt Ion: 75 Resp: 7268
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.529 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY019125.D
Acq: 19 Aug 2024 18:36

Tgt Ion: 117 Resp: 9614
Ion Ratio Lower Upper
117 100
119 8.6 75.8 113.6#
121 0.0 24.0 36.0#

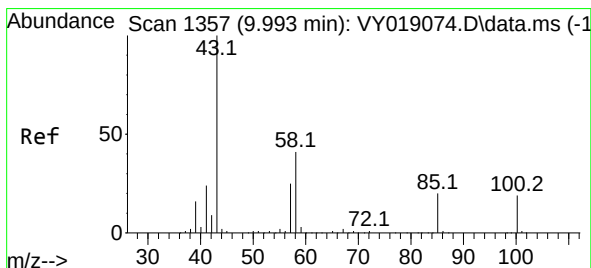
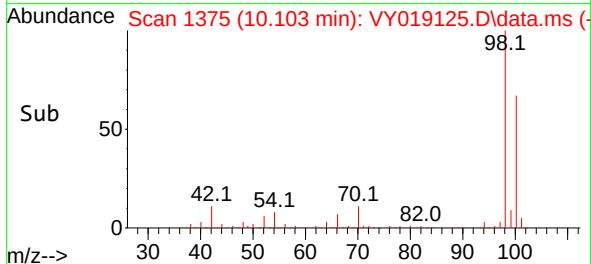
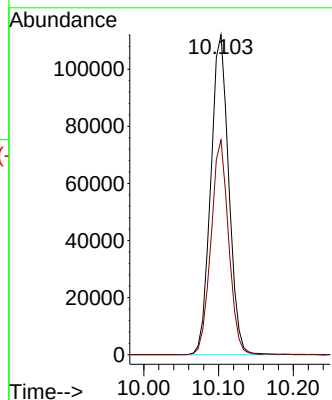
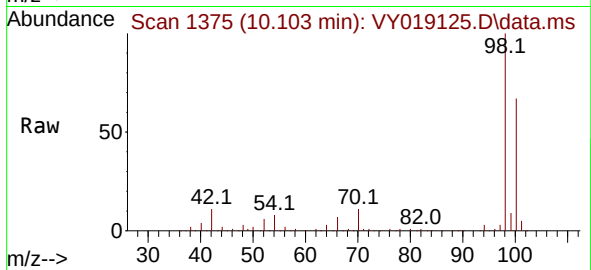




#50
Toluene-d8
Concen: 47.740 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019125.D
Acq: 19 Aug 2024 18:36

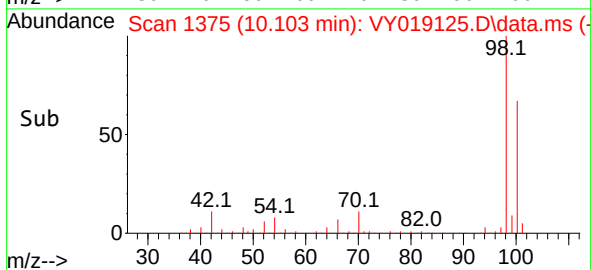
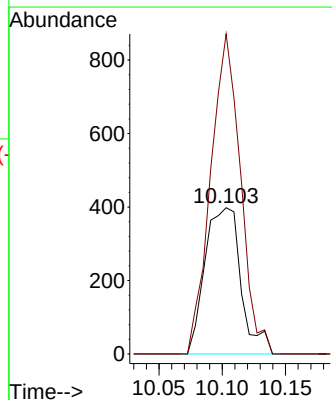
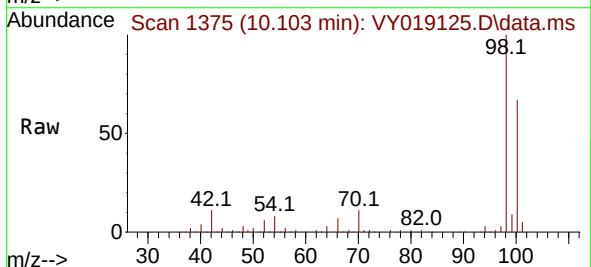
Instrument :
MSVOA_Y
ClientSampleId :

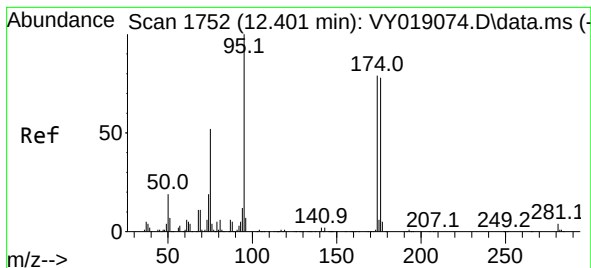
Tgt Ion: 98 Resp: 187713
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.102 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.110 min
Lab File: VY019125.D
Acq: 19 Aug 2024 18:36

Tgt Ion: 43 Resp: 786
Ion Ratio Lower Upper
43 100
58 181.9 35.7 53.5#

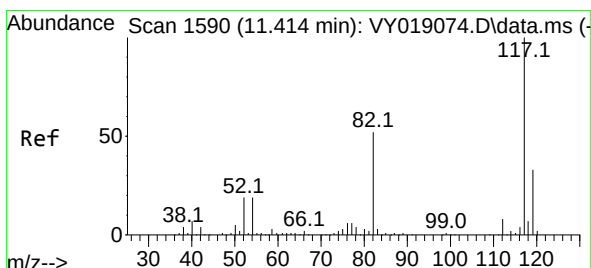
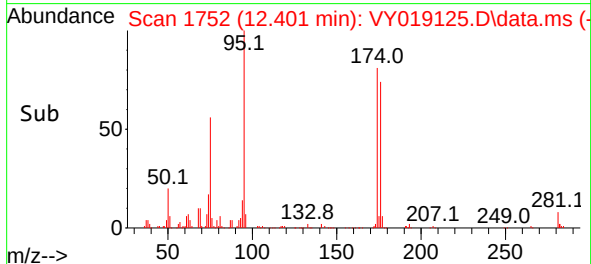
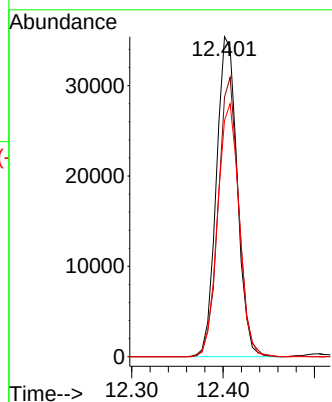
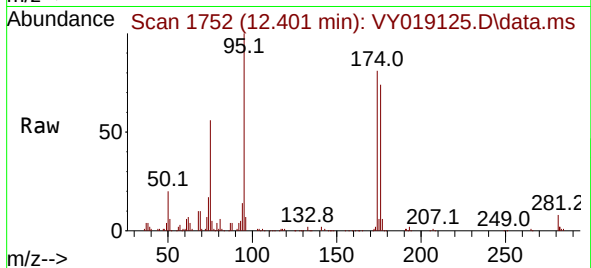




#62
4-Bromofluorobenzene
Concen: 41.865 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019125.D
Acq: 19 Aug 2024 18:36

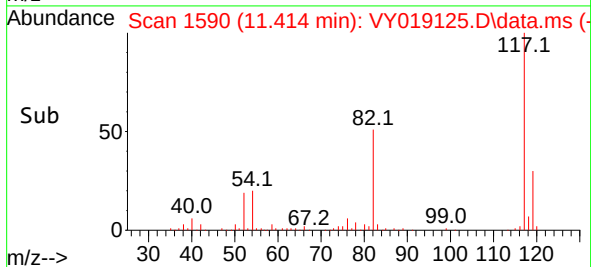
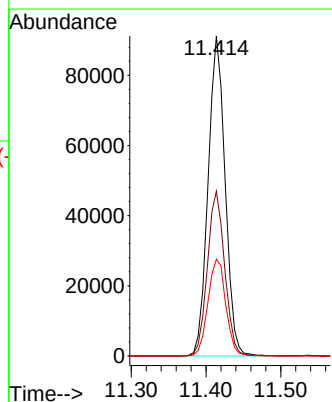
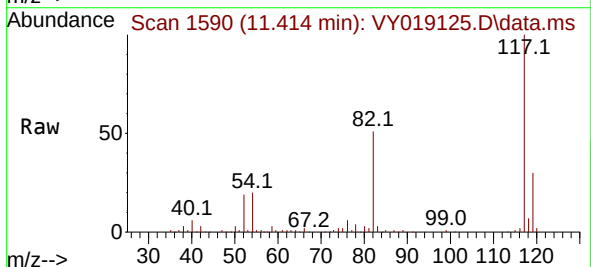
Instrument :
MSVOA_Y
ClientSampleId :

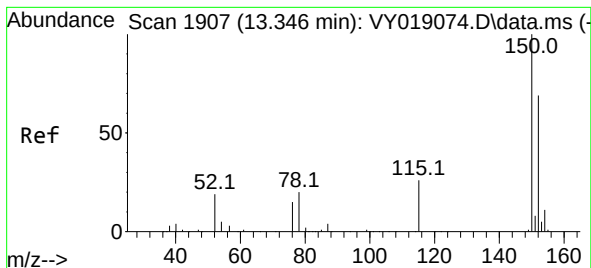
Tgt Ion: 95 Resp: 56116
Ion Ratio Lower Upper
95 100
174 85.6 0.0 175.6
176 81.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019125.D
Acq: 19 Aug 2024 18:36

Tgt Ion: 117 Resp: 144214
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 30.3 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: VY019125.D

Acq: 19 Aug 2024 18:36

Instrument :

MSVOA_Y

ClientSampleId :

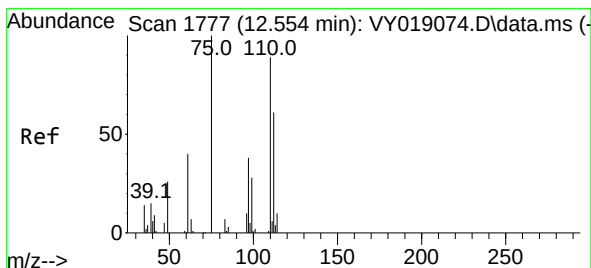
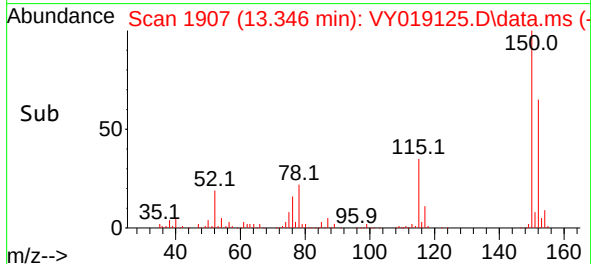
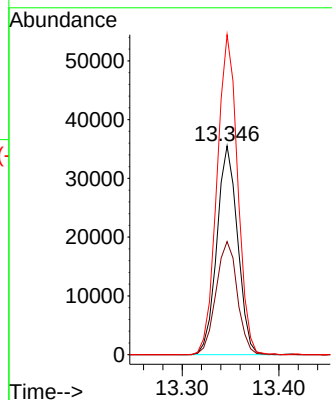
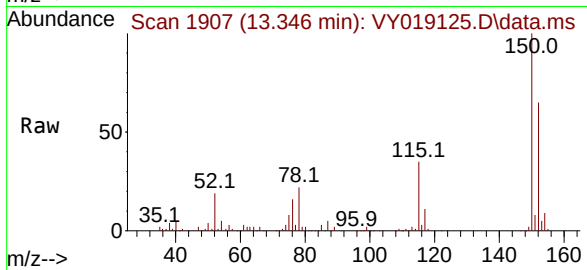
Tgt Ion:152 Resp: 52802

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 152.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 59.719 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY019125.D

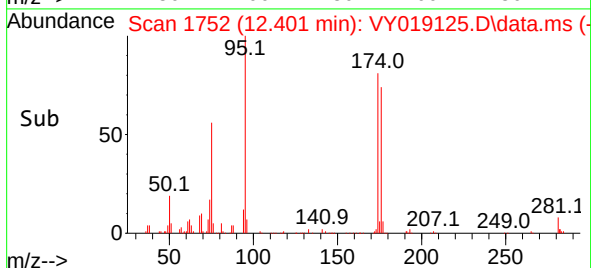
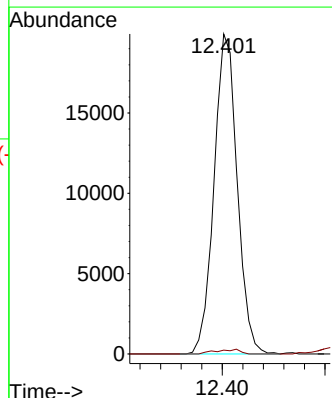
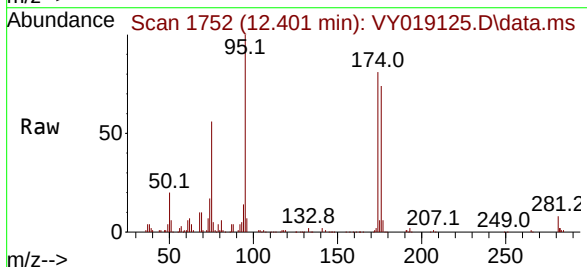
Acq: 19 Aug 2024 18:36

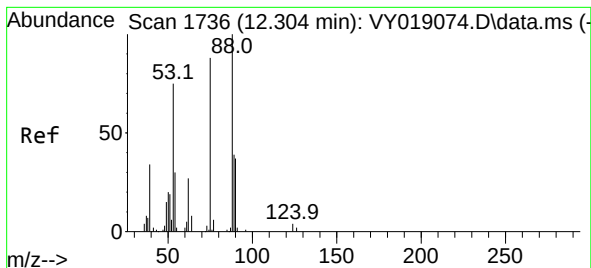
Tgt Ion: 75 Resp: 31097

Ion Ratio Lower Upper

75 100

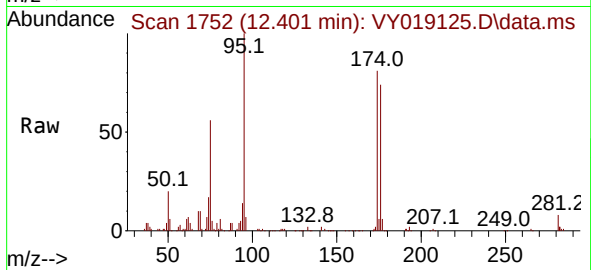
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.486 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019125.D
 Acq: 19 Aug 2024 18:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.7	35.8	53.6#

