

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019313.D
 Acq On : 28 Aug 2024 04:36
 Operator : SY/MD
 Sample : P3660-04
 Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

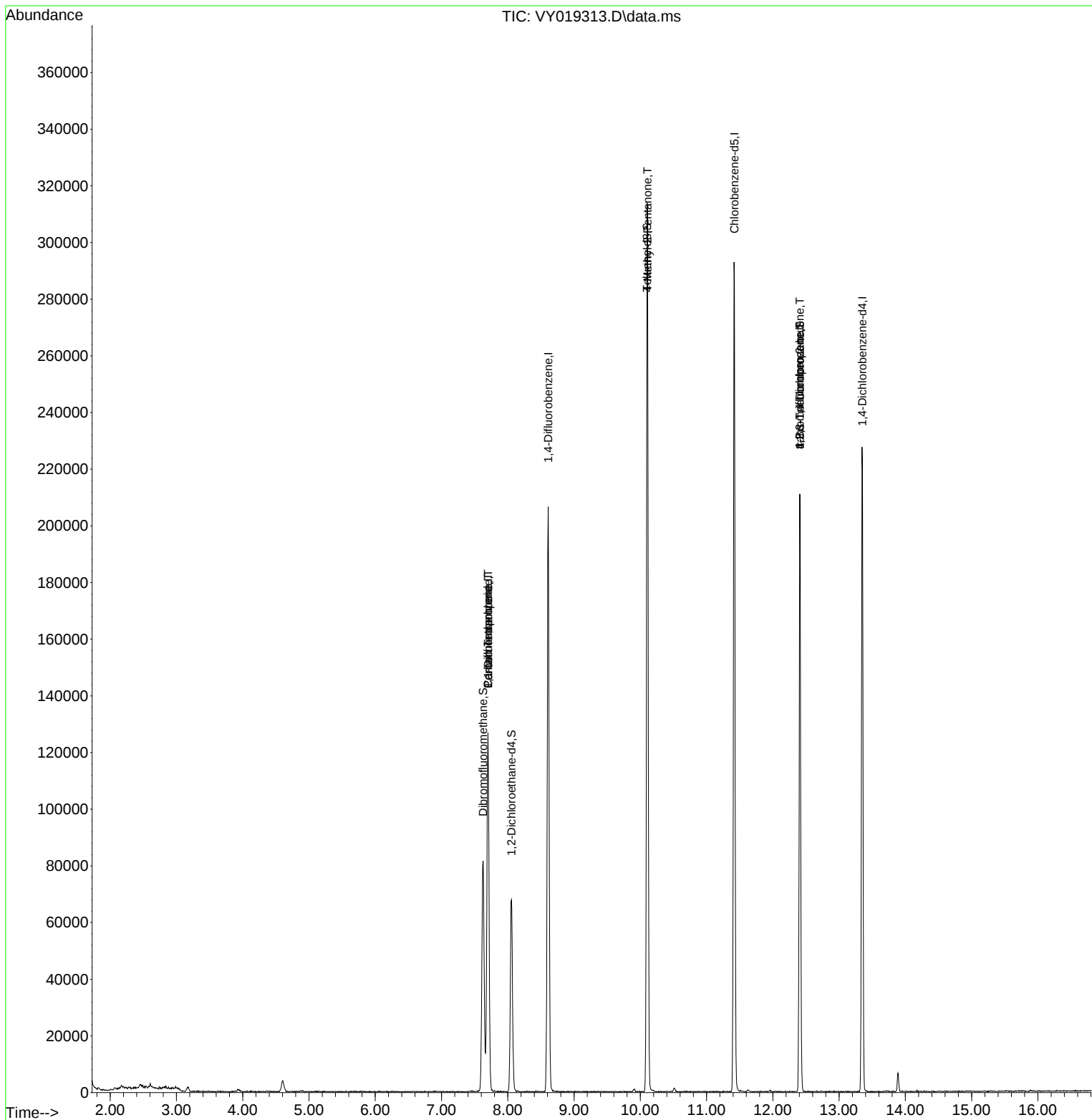
Quant Time: Aug 28 05:53:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

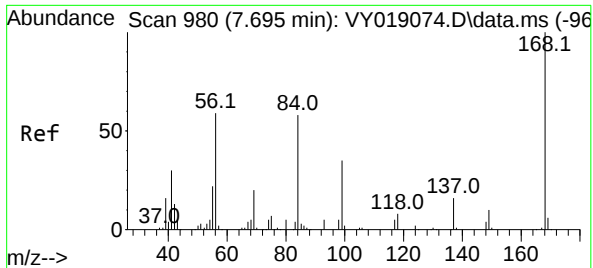
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	99579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	185213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	164509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	58207	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	53470	53.566	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.140%	
35) Dibromofluoromethane	7.628	113	58206	48.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.120%	
50) Toluene-d8	10.103	98	205682	47.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.400%	
62) 4-Bromofluorobenzene	12.408	95	60225	40.537	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 81.080%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	579	Below Cal	#	56
6) Chloroethane	2.641	64	25	Below Cal	#	42
11) Tert butyl alcohol	4.866	59	32	Below Cal	#	88
20) Methylene Chloride	4.598	84	3060	Below Cal	#	82
31) Cyclohexane	7.701	56	1820	Below Cal	#	1
36) 1,1-Dichloropropene	7.701	75	7443	4.476	ug/l #	50
38) Carbon Tetrachloride	7.701	117	10056	5.218	ug/l #	18
51) 4-Methyl-2-Pentanone	10.109	43	853	1.079	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	30984	53.977	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	30984	133.304	ug/l #	16

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

Quant Time: Aug 28 05:53:06 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

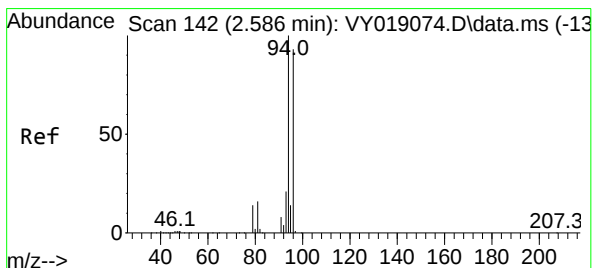
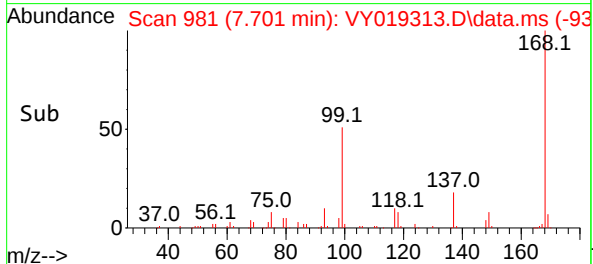
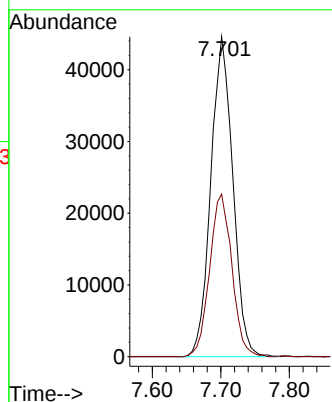
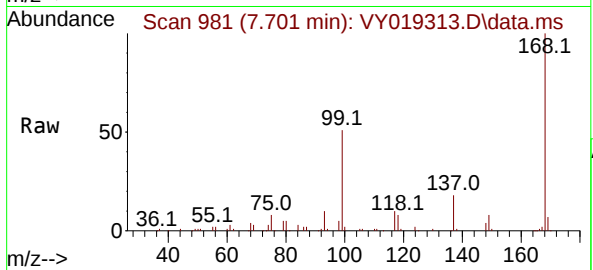




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019313.D
Acq: 28 Aug 2024 04:36

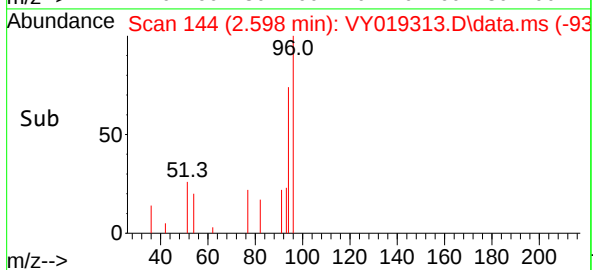
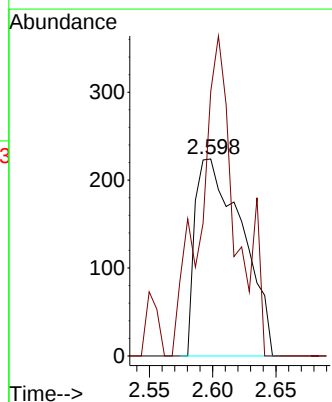
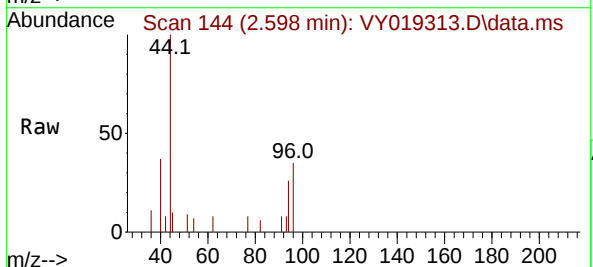
Instrument :
MSVOA_Y
ClientSampleId :

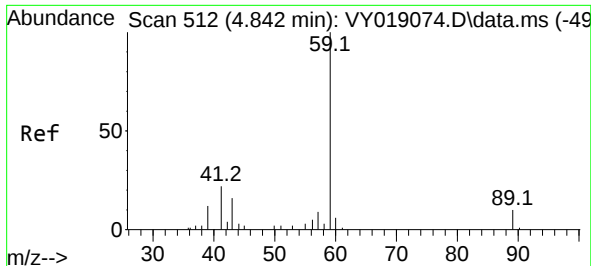
Tgt Ion:168 Resp: 99579
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019313.D
Acq: 28 Aug 2024 04:36

Tgt Ion: 94 Resp: 579
Ion Ratio Lower Upper
94 100
96 134.4 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.866 min Scan# 512

Delta R.T. 0.024 min

Lab File: VY019313.D

Acq: 28 Aug 2024 04:36

Instrument :

MSVOA_Y

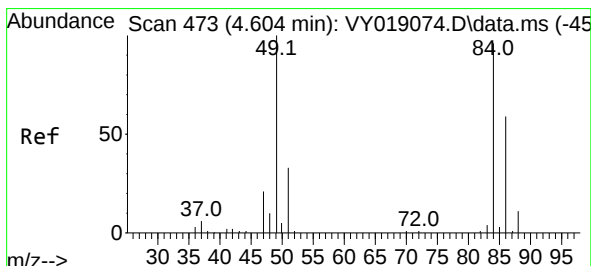
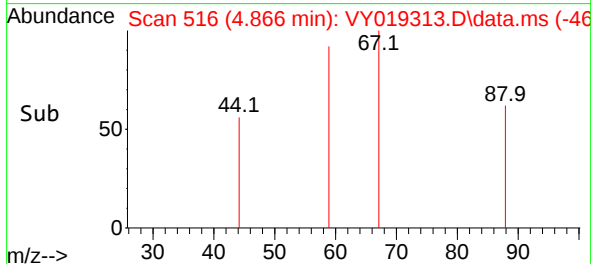
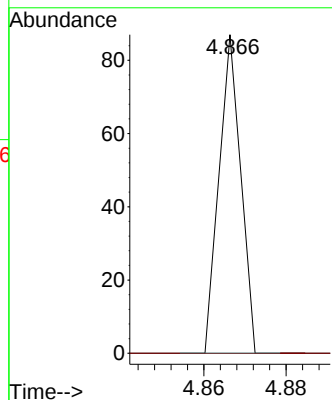
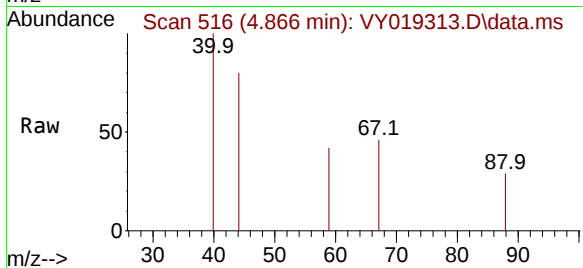
ClientSampleId :

Tgt Ion: 59 Resp: 32

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: VY019313.D

Acq: 28 Aug 2024 04:36

Tgt Ion: 84 Resp: 3060

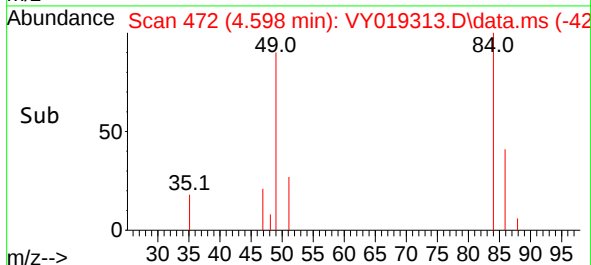
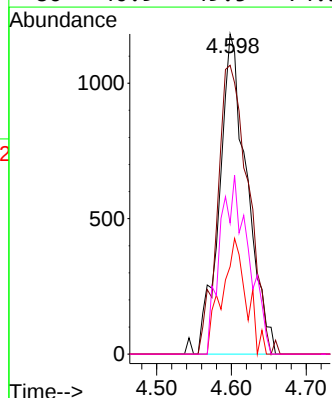
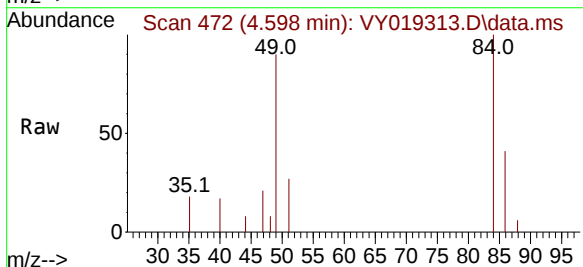
Ion Ratio Lower Upper

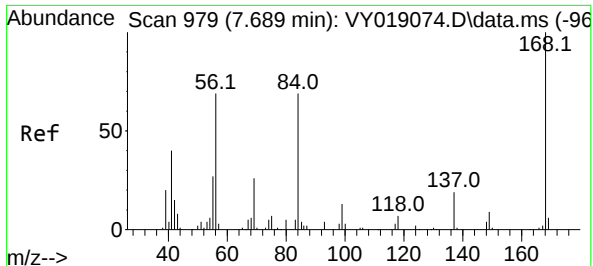
84 100

49 90.2 84.4 126.6

51 27.3 26.0 39.0

86 40.9 49.5 74.3#

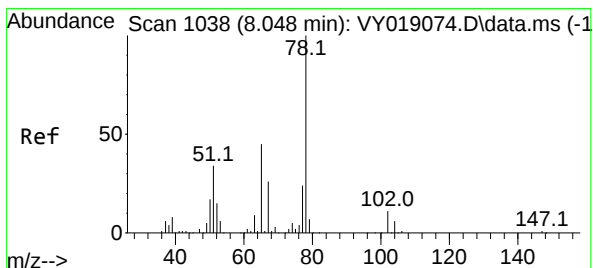
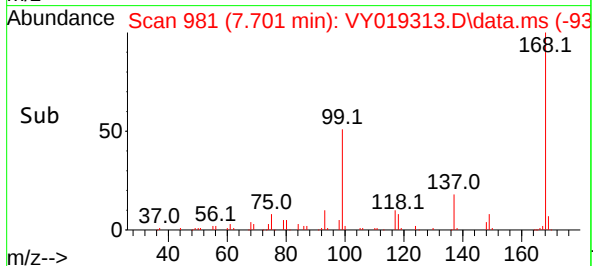
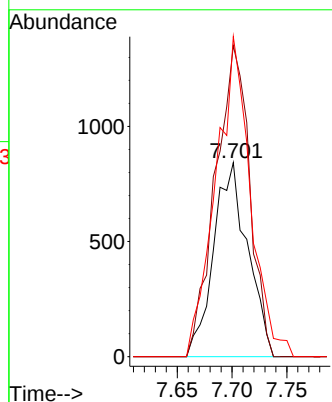
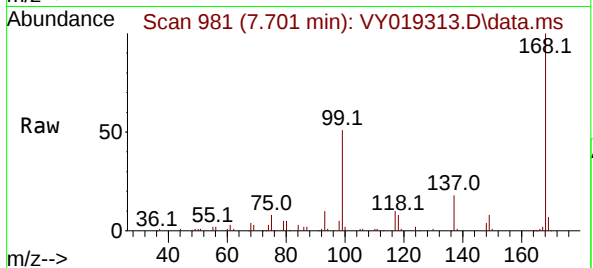




#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019313.D
Acq: 28 Aug 2024 04:36

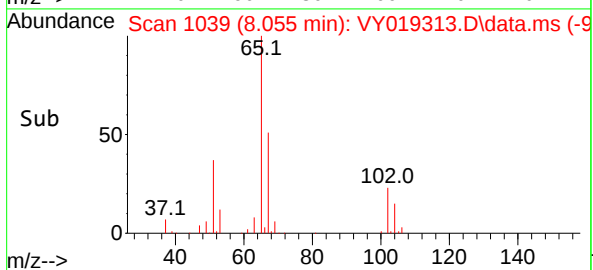
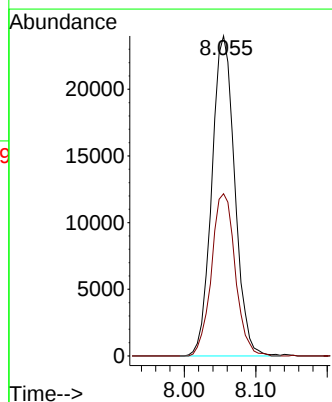
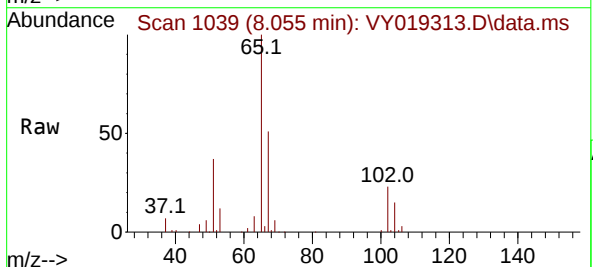
Instrument :
MSVOA_Y
ClientSampleId :

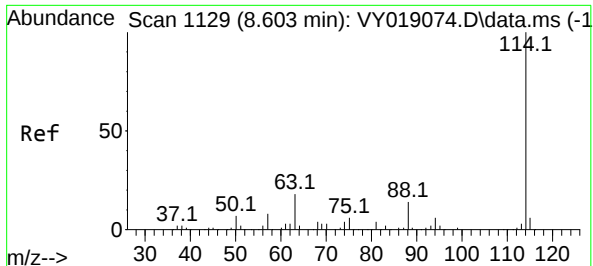
Tgt Ion: 56 Resp: 1820
Ion Ratio Lower Upper
56 100
69 160.3 28.7 43.1#
84 164.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.566 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019313.D
Acq: 28 Aug 2024 04:36

Tgt Ion: 65 Resp: 53470
Ion Ratio Lower Upper
65 100
67 52.5 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: VY019313.D

Acq: 28 Aug 2024 04:36

Instrument :

MSVOA_Y

ClientSampleId :

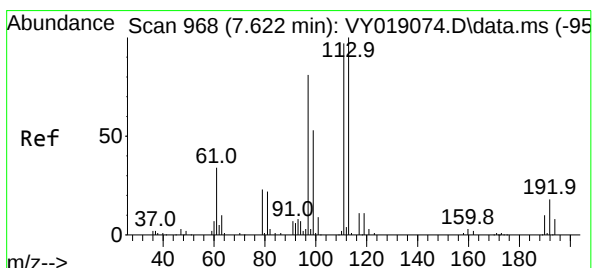
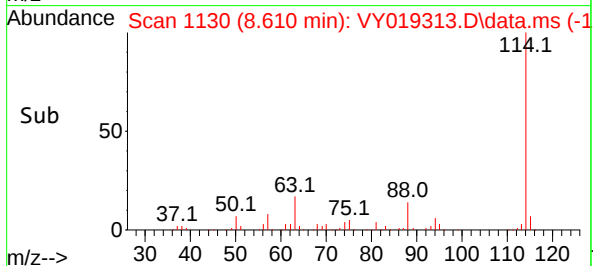
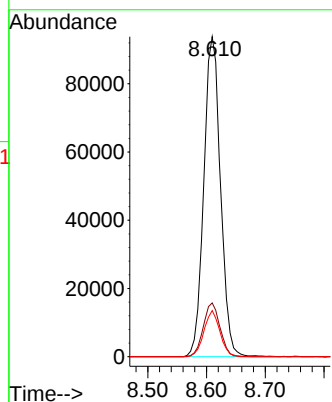
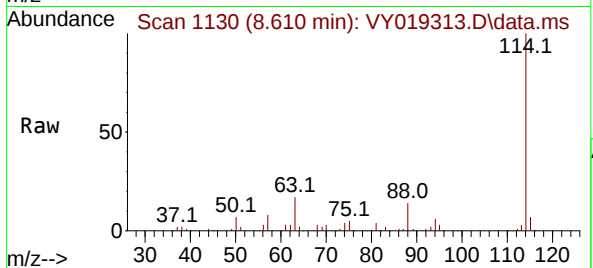
Tgt Ion:114 Resp: 185213

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.063 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019313.D

Acq: 28 Aug 2024 04:36

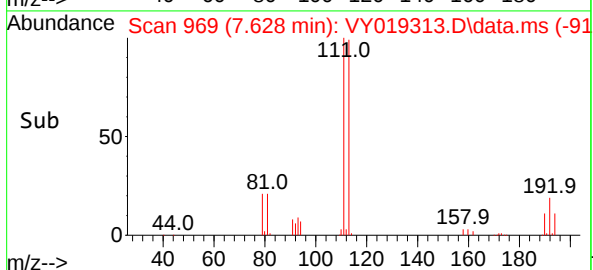
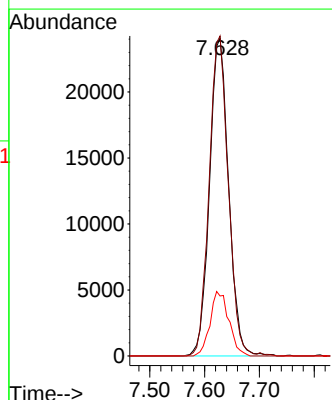
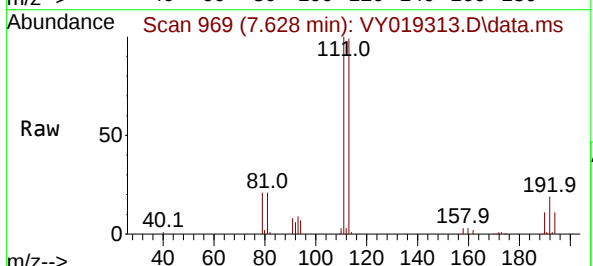
Tgt Ion:113 Resp: 58206

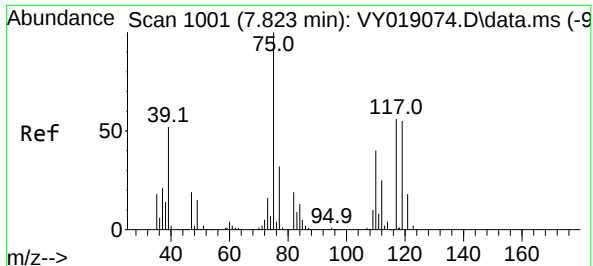
Ion Ratio Lower Upper

113 100

111 100.4 82.2 123.4

192 20.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.476 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY019313.D

Acq: 28 Aug 2024 04:36

Instrument :

MSVOA_Y

ClientSampleId :

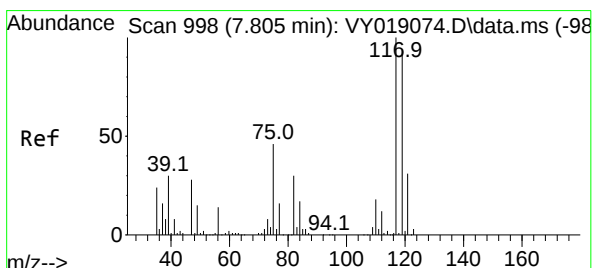
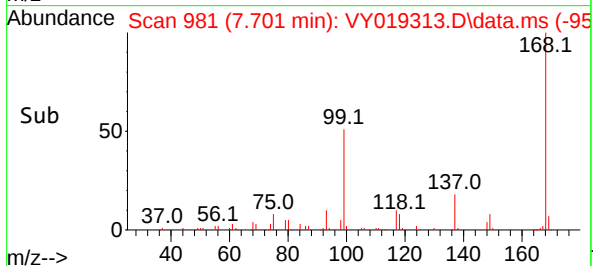
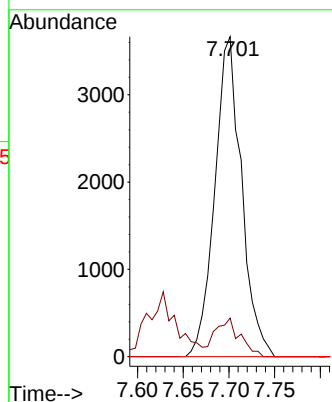
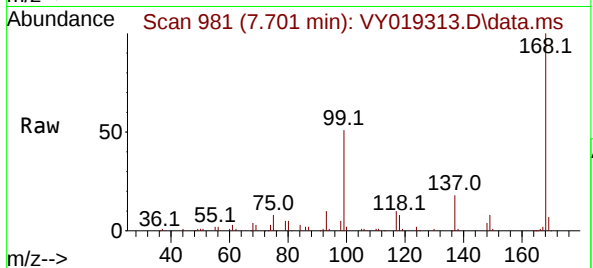
Tgt Ion: 75 Resp: 7443

Ion Ratio Lower Upper

75 100

110 11.3 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.218 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.103 min

Lab File: VY019313.D

Acq: 28 Aug 2024 04:36

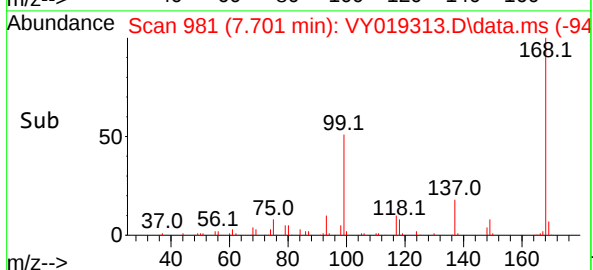
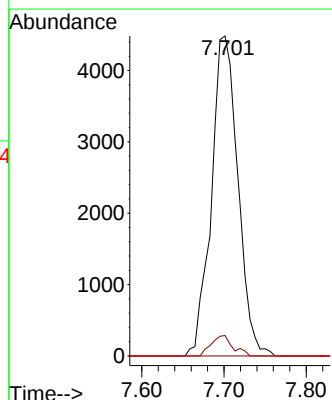
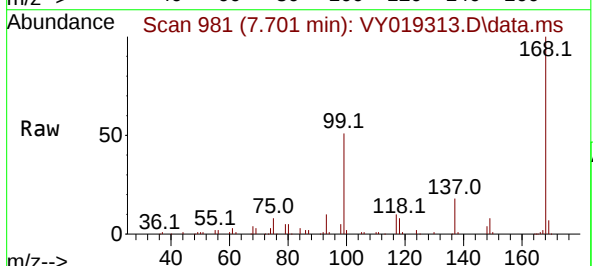
Tgt Ion: 117 Resp: 10056

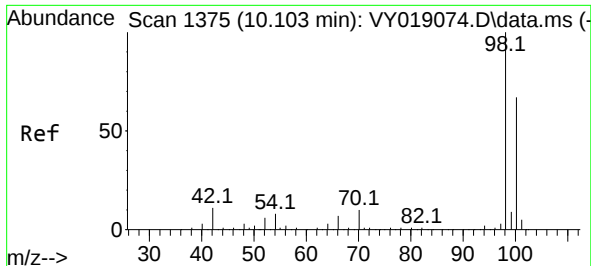
Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.195 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019313.D

Acq: 28 Aug 2024 04:36

Instrument :

MSVOA_Y

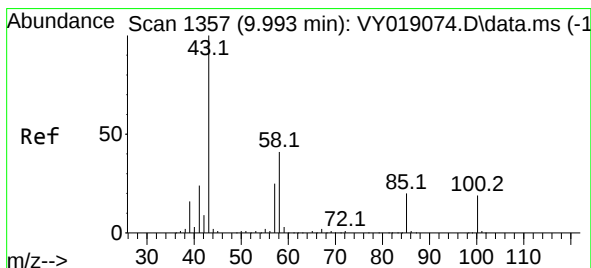
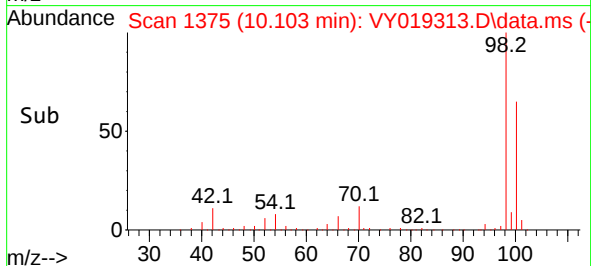
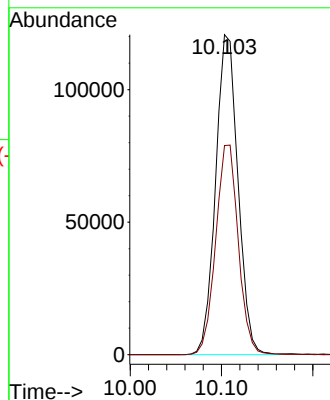
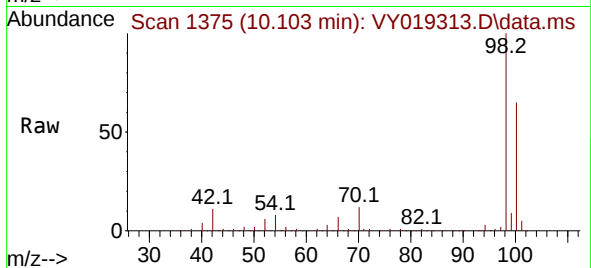
ClientSampleId :

Tgt Ion: 98 Resp: 205682

Ion Ratio Lower Upper

98 100

100 66.3 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.079 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.116 min

Lab File: VY019313.D

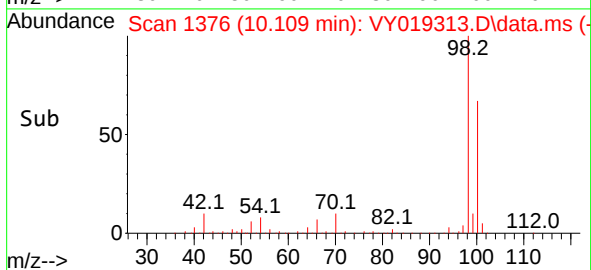
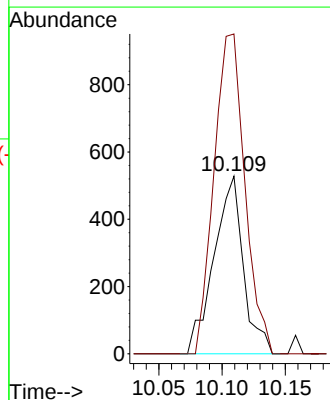
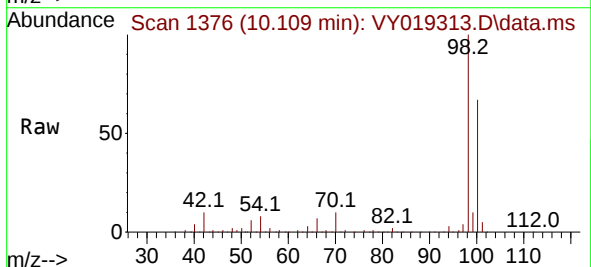
Acq: 28 Aug 2024 04:36

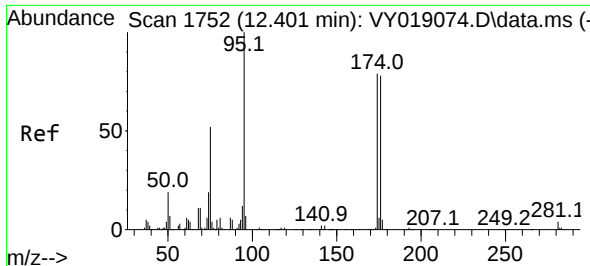
Tgt Ion: 43 Resp: 853

Ion Ratio Lower Upper

43 100

58 189.2 35.7 53.5#





#62

4-Bromofluorobenzene

Concen: 40.537 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019313.D

Acq: 28 Aug 2024 04:36

Instrument :

MSVOA_Y

ClientSampleId :

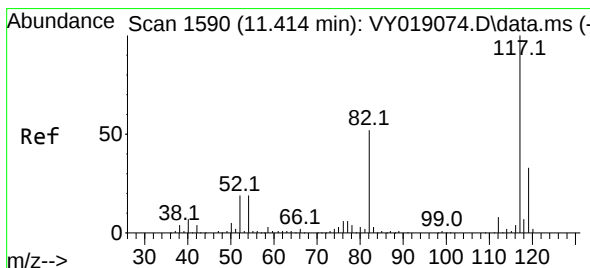
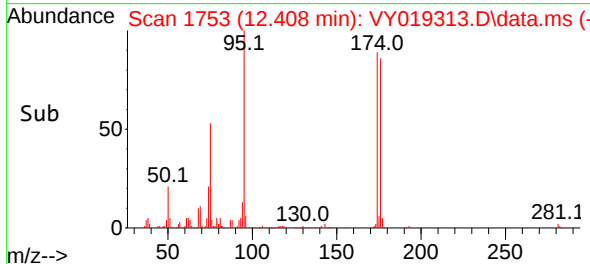
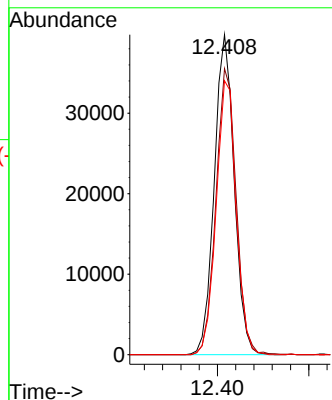
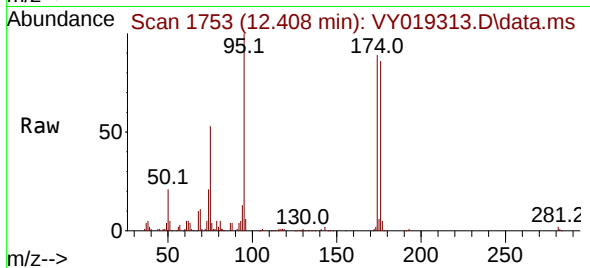
Tgt Ion: 95 Resp: 60225

Ion Ratio Lower Upper

95 100

174 90.8 0.0 175.6

176 86.0 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: VY019313.D

Acq: 28 Aug 2024 04:36

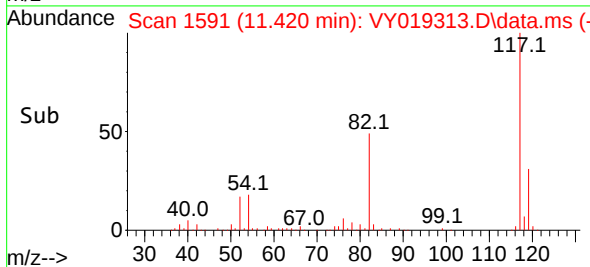
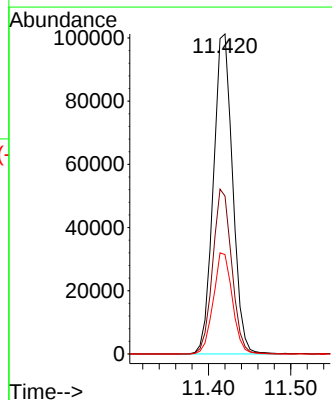
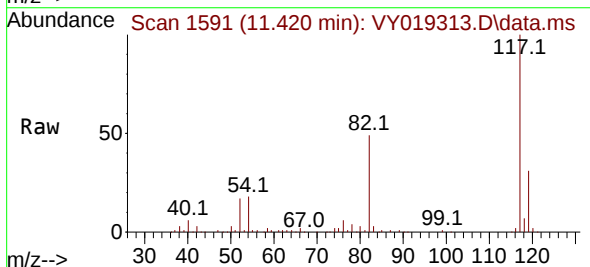
Tgt Ion: 117 Resp: 164509

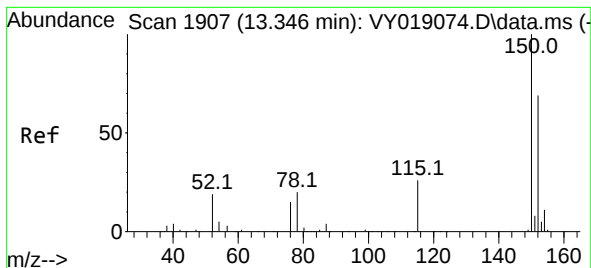
Ion Ratio Lower Upper

117 100

82 49.3 42.4 63.6

119 31.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY019313.D

Acq: 28 Aug 2024 04:36

Instrument :

MSVOA_Y

ClientSampleId :

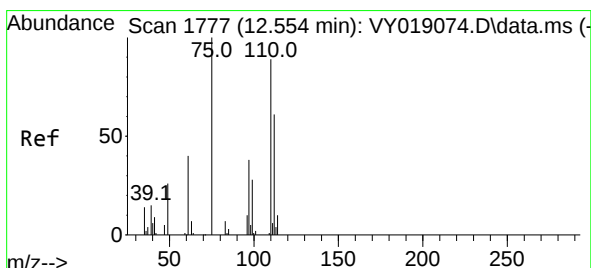
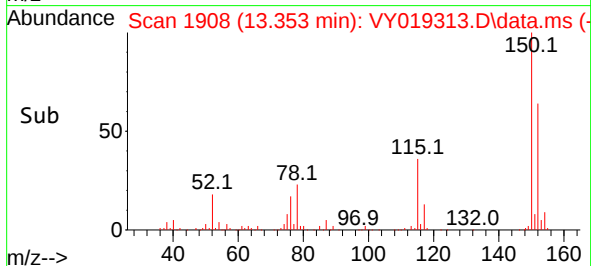
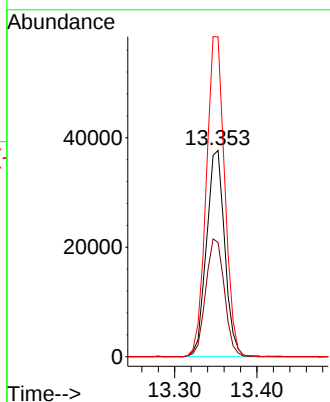
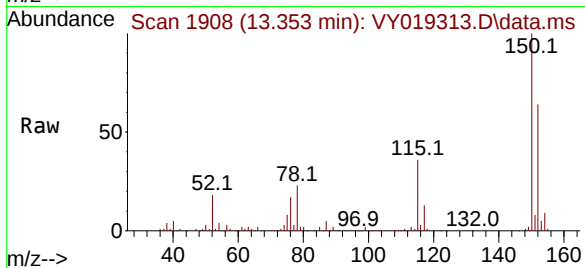
Tgt Ion:152 Resp: 58207

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 156.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 53.977 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019313.D

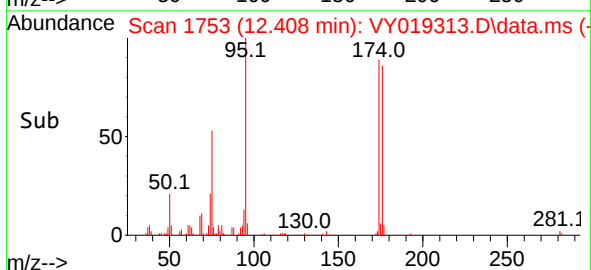
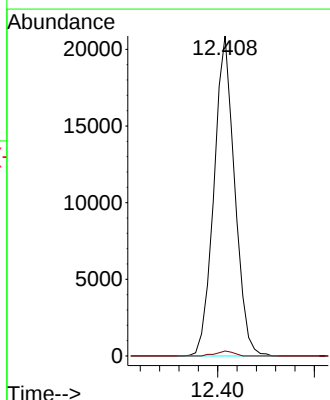
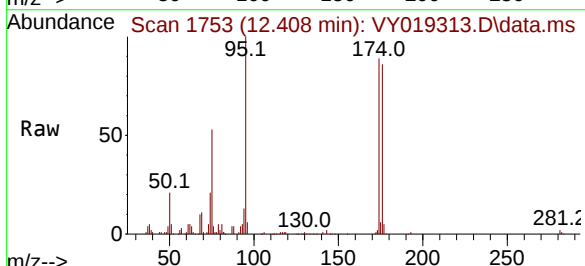
Acq: 28 Aug 2024 04:36

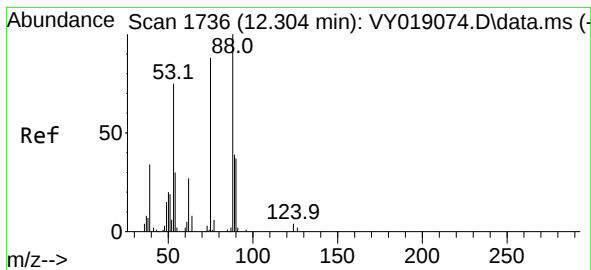
Tgt Ion: 75 Resp: 30984

Ion Ratio Lower Upper

75 100

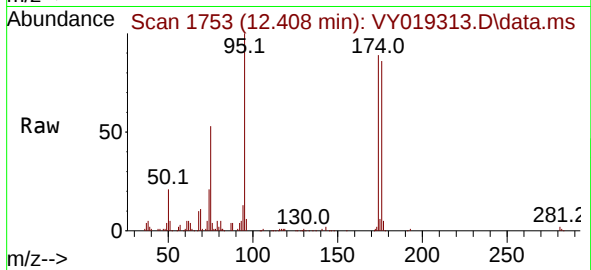
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.304 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019313.D
 Acq: 28 Aug 2024 04:36

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 30984
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

