

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019208.D
 Acq On : 22 Aug 2024 08:32
 Operator : SY/MD
 Sample : P3671-14
 Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 08:53:24 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)

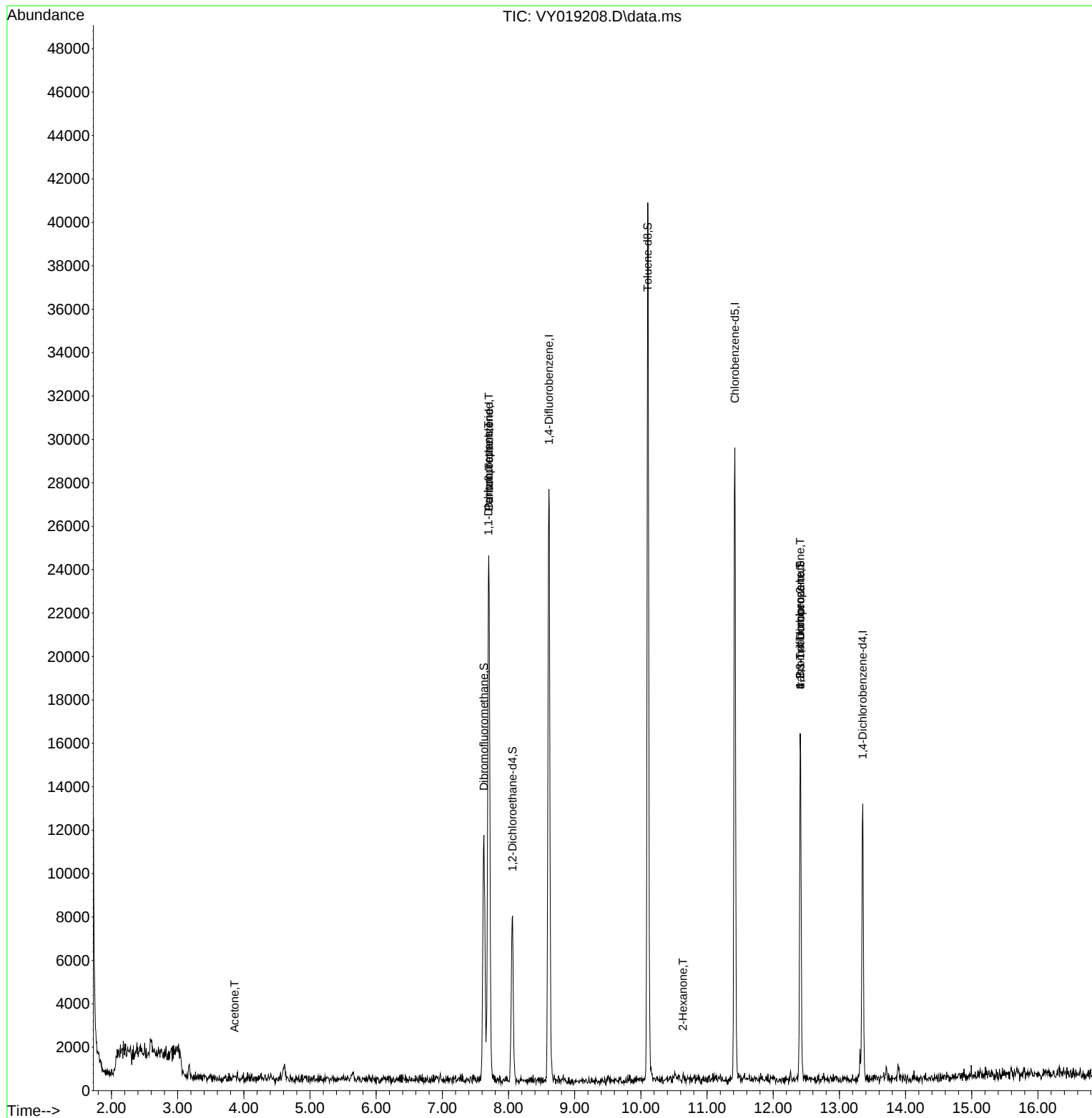
Internal Standards						
1) Pentafluorobenzene	7.701	168	19141	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	24717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	16732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	3275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	6087	31.724	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	63.440%
35) Dibromofluoromethane	7.628	113	7944	49.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.103	98	26590	45.719	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.440%
62) 4-Bromofluorobenzene	12.408	95	4900	24.714	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	49.420%
Target Compounds						
					Qvalue	
5) Bromomethane	2.617	94	164	Below Cal		84
16) Acetone	3.860	43	114	3.204 ug/l	#	36
20) Methylene Chloride	4.604	84	657	Below Cal	#	71
31) Cyclohexane	7.707	56	475	Below Cal	#	45
36) 1,1-Dichloropropene	7.695	75	1433	6.457 ug/l	#	45
38) Carbon Tetrachloride	7.701	117	1852	7.201 ug/l	#	13
59) 2-Hexanone	10.634	43	89	1.227 ug/l	#	19
76) 1,2,3-Trichloropropane	12.408	75	2863	88.645 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.408	75	2863	218.923 ug/l	#	16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
Data File : VY019208.D
Acq On : 22 Aug 2024 08:32
Operator : SY/MD
Sample : P3671-14
Misc : 6.18g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 22 08:53:24 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

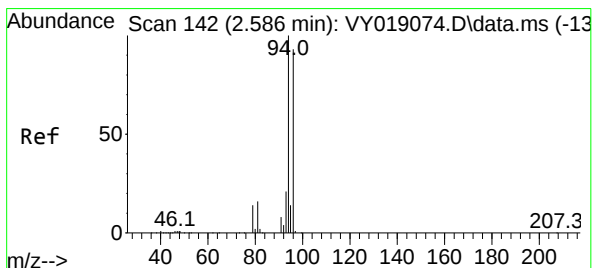
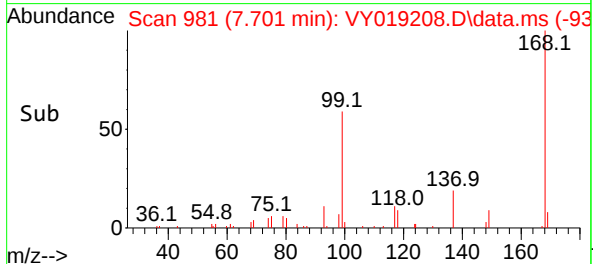
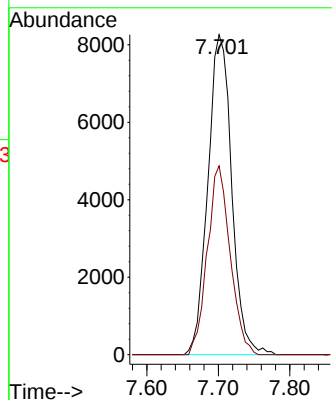
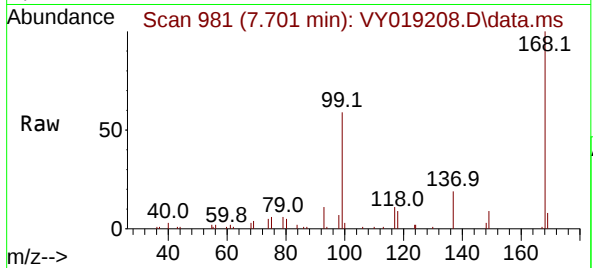




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

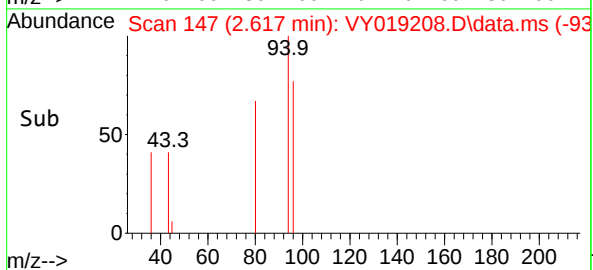
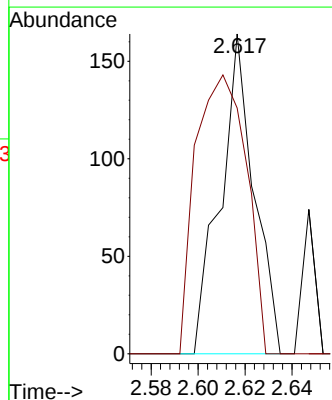
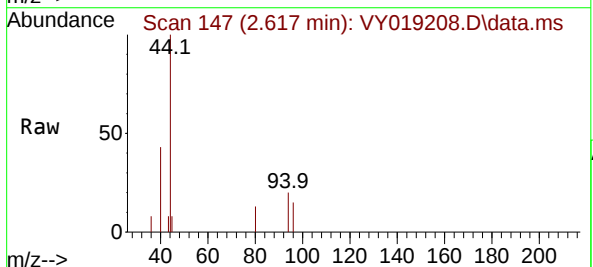
Instrument :
MSVOA_Y
ClientSampleId :

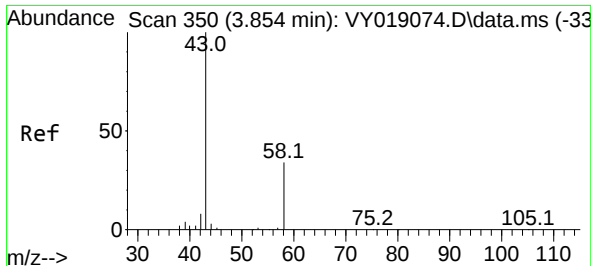
Tgt Ion:168 Resp: 19141
Ion Ratio Lower Upper
168 100
99 59.0 39.1 58.7#



#5
Bromomethane
Concen: Below Cal
RT: 2.617 min Scan# 147
Delta R.T. 0.031 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

Tgt Ion: 94 Resp: 164
Ion Ratio Lower Upper
94 100
96 76.8 74.1 111.1





#16

Acetone

Concen: 3.204 ug/l

RT: 3.860 min Scan# 311

Delta R.T. 0.006 min

Lab File: VY019208.D

Acq: 22 Aug 2024 08:32

Instrument :

MSVOA_Y

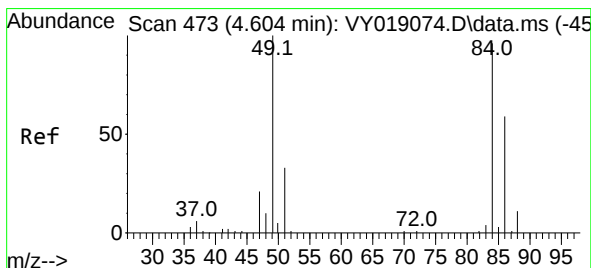
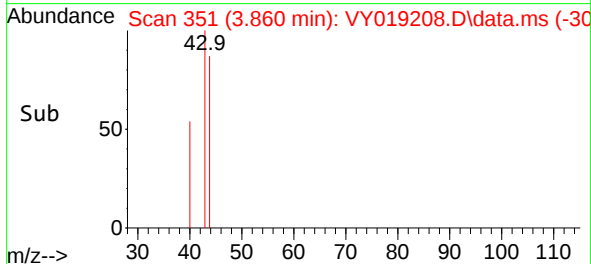
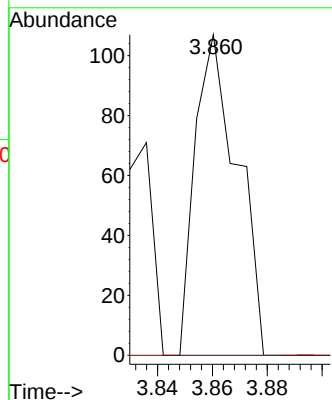
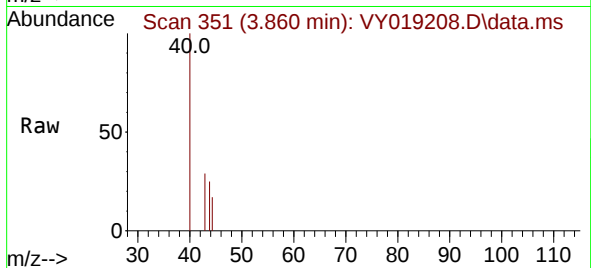
ClientSampleId :

Tgt Ion: 43 Resp: 114

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY019208.D

Acq: 22 Aug 2024 08:32

Tgt Ion: 84 Resp: 657

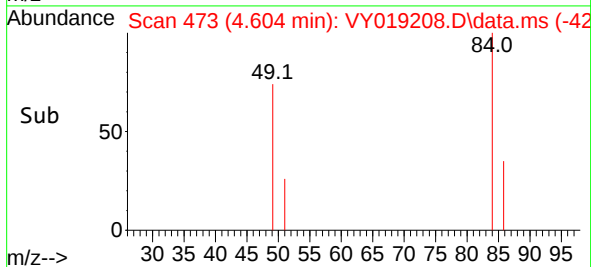
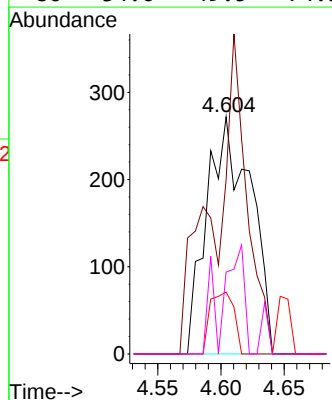
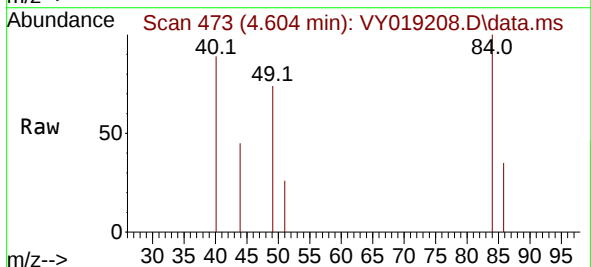
Ion Ratio Lower Upper

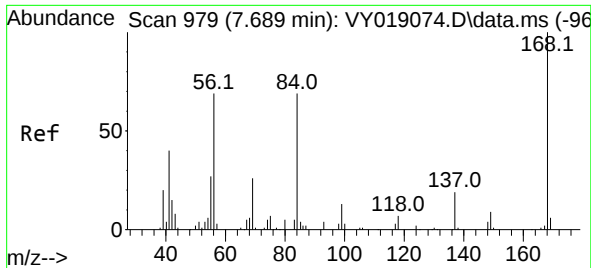
84 100

49 73.5 84.4 126.6#

51 26.1 26.0 39.0

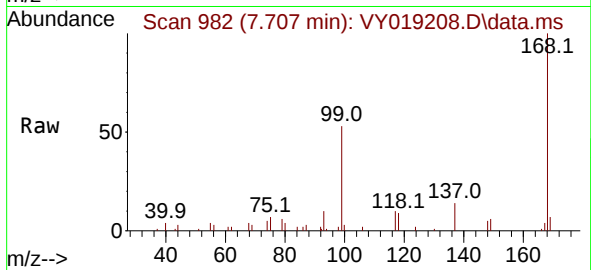
86 34.6 49.5 74.3#



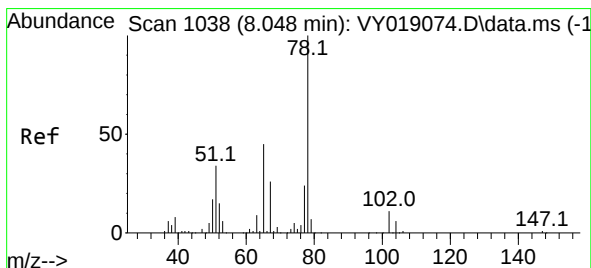
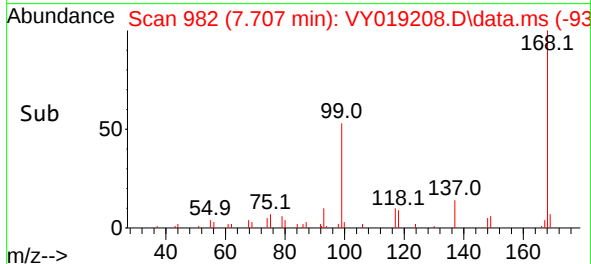
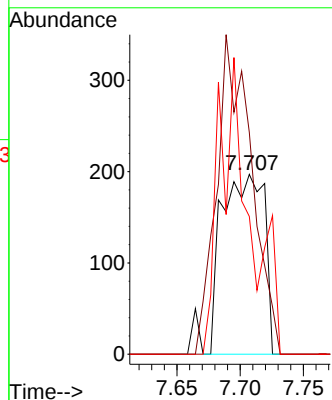


#31
Cyclohexane
Concen: Below Cal
RT: 7.707 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

Instrument :
MSVOA_Y
ClientSampleId :

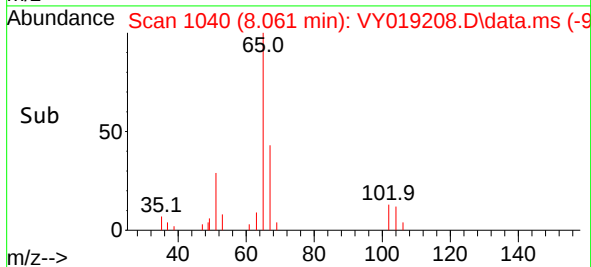
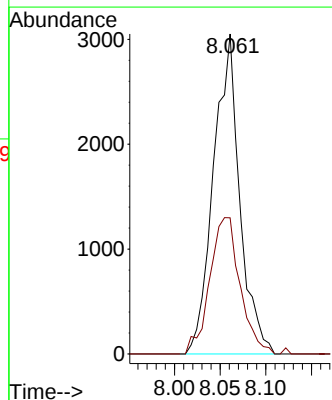
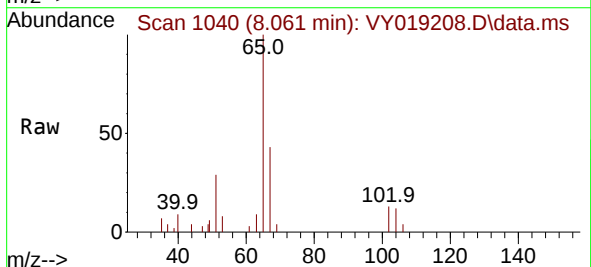


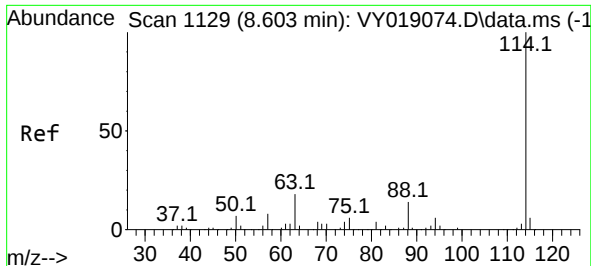
Tgt Ion: 56 Resp: 475
Ion Ratio Lower Upper
56 100
69 123.4 28.7 43.1#
84 76.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 31.724 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.012 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

Tgt Ion: 65 Resp: 6087
Ion Ratio Lower Upper
65 100
67 49.2 0.0 109.6

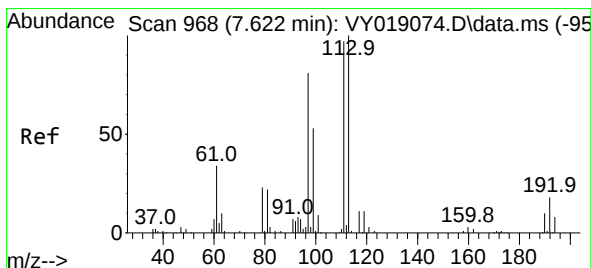
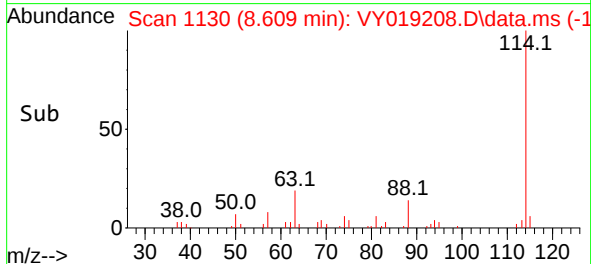
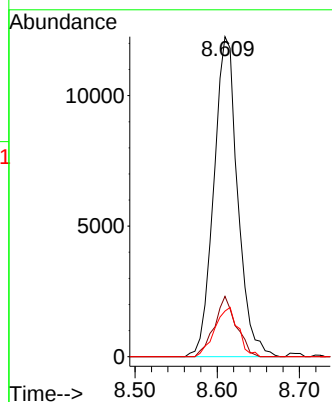
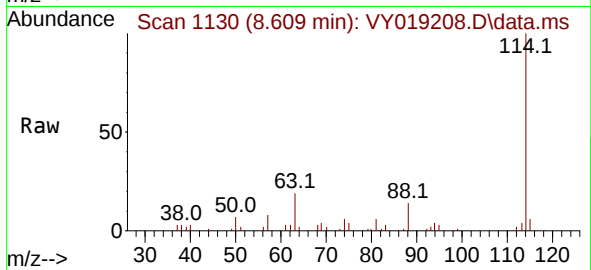




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

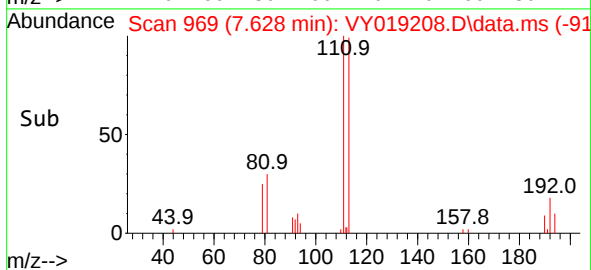
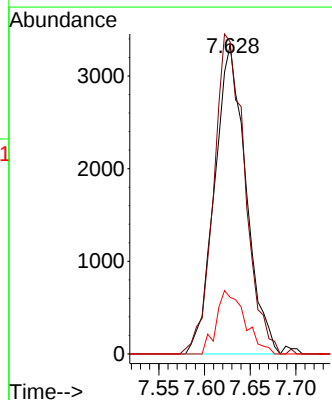
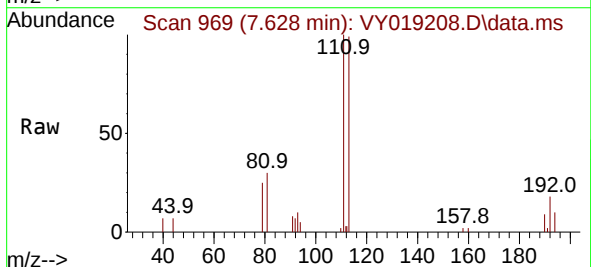
Instrument :
MSVOA_Y
ClientSampleId :

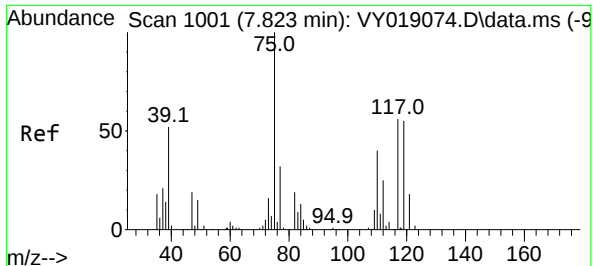
Tgt Ion:114 Resp: 24717
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.154 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

Tgt Ion:113 Resp: 7944
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 18.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.457 ug/l

RT: 7.695 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY019208.D

Acq: 22 Aug 2024 08:32

Instrument :

MSVOA_Y

ClientSampleId :

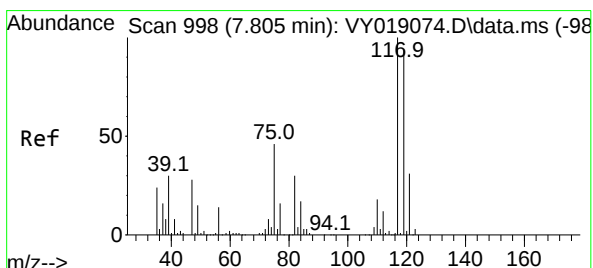
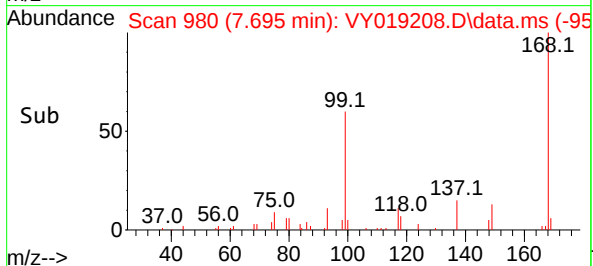
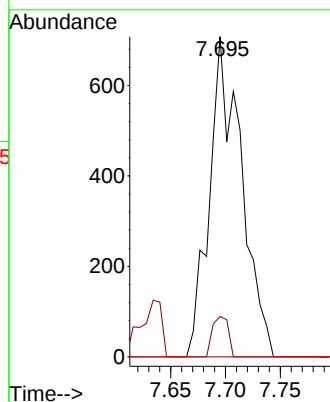
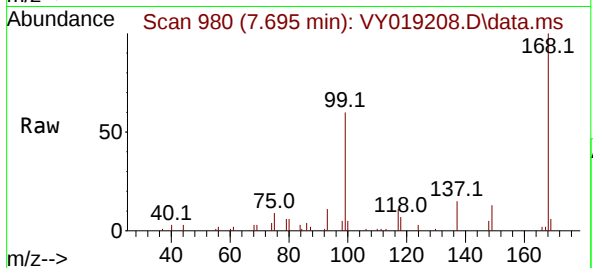
Tgt Ion: 75 Resp: 1433

Ion Ratio Lower Upper

75 100

110 6.2 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 7.201 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.103 min

Lab File: VY019208.D

Acq: 22 Aug 2024 08:32

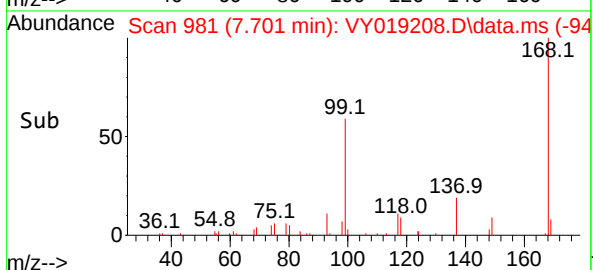
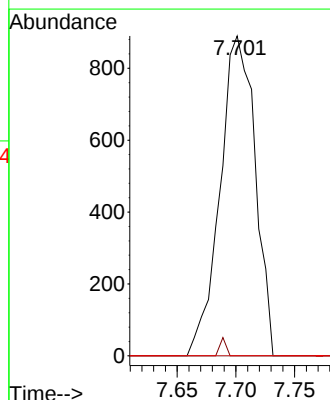
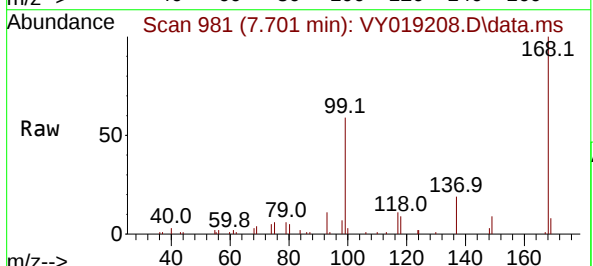
Tgt Ion: 117 Resp: 1852

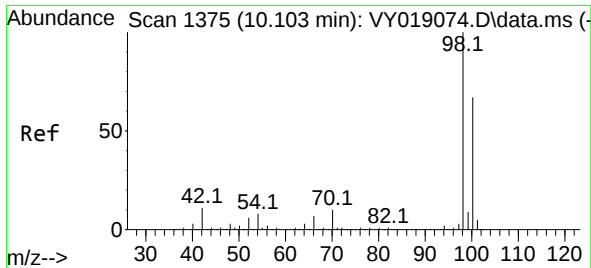
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.0 36.0#

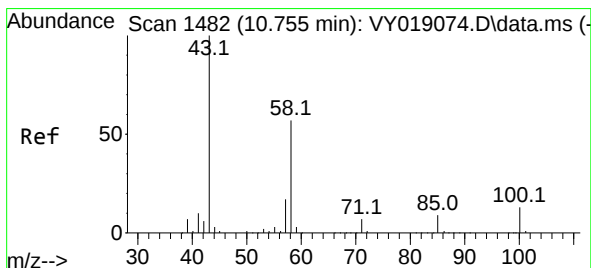
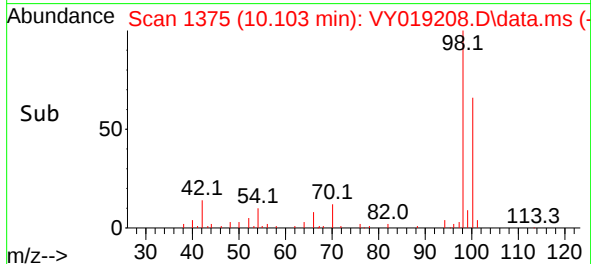
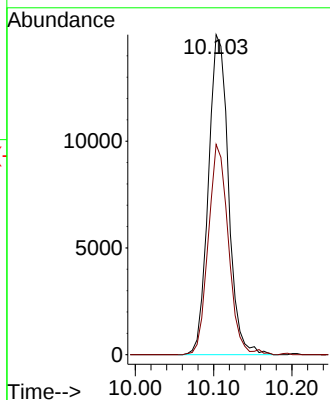
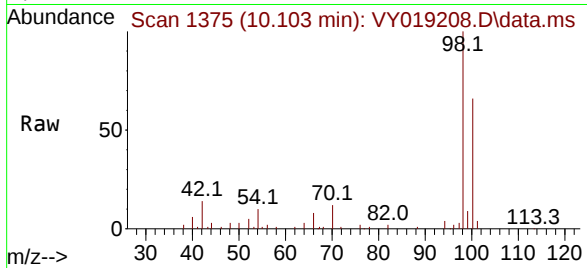




#50
Toluene-d8
Concen: 45.719 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

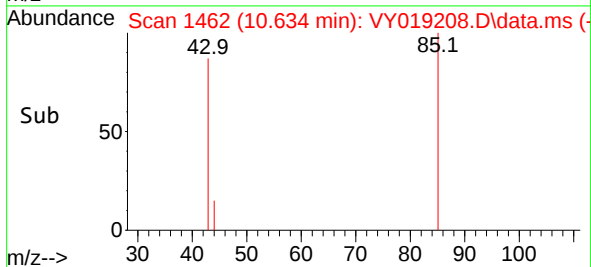
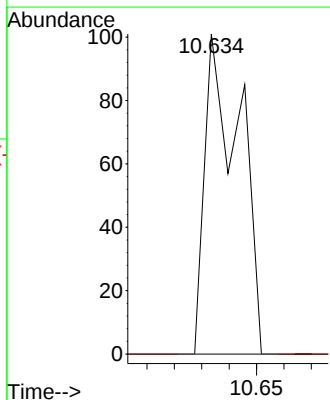
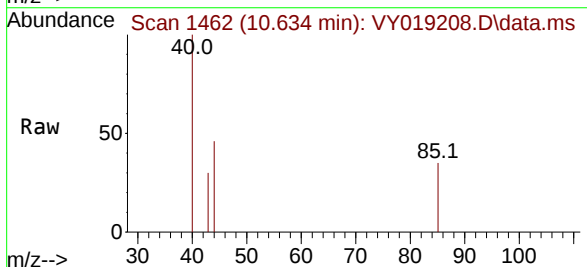
Instrument :
MSVOA_Y
ClientSampleId :

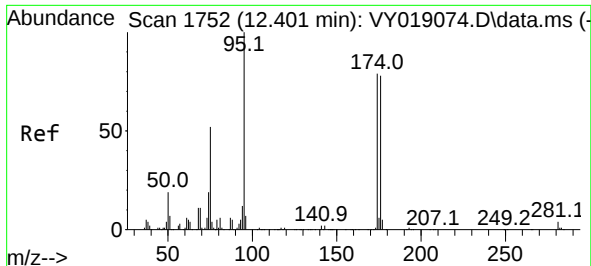
Tgt Ion: 98 Resp: 26590
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0



#59
2-Hexanone
Concen: 1.227 ug/l
RT: 10.634 min Scan# 1462
Delta R.T. -0.122 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

Tgt Ion: 43 Resp: 89
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#

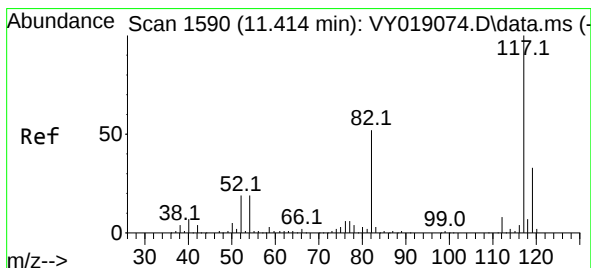
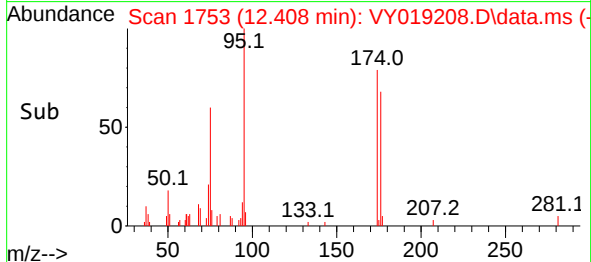
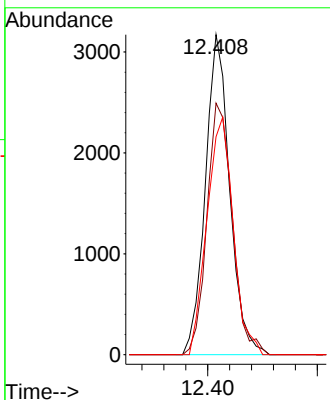
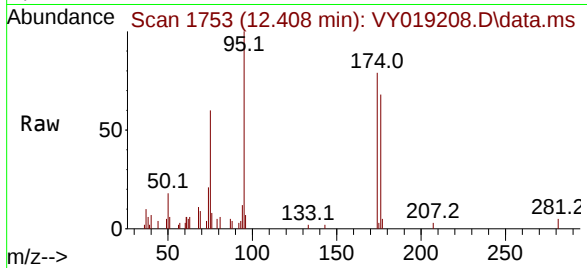




#62
4-Bromofluorobenzene
Concen: 24.714 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

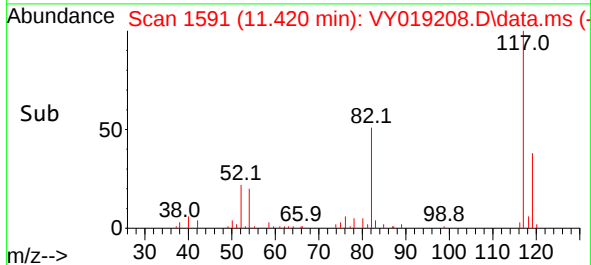
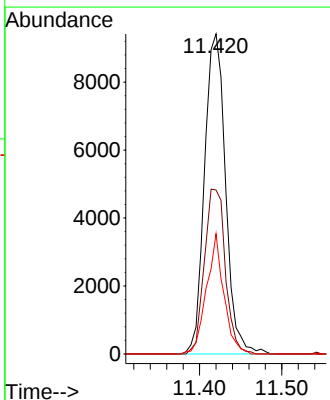
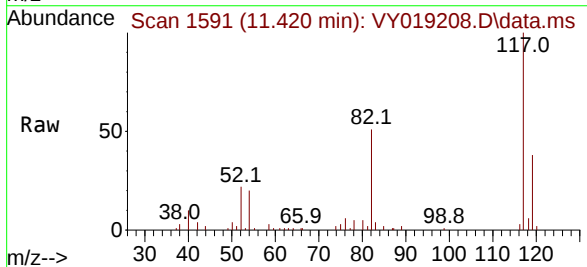
Instrument :
MSVOA_Y
ClientSampleId :

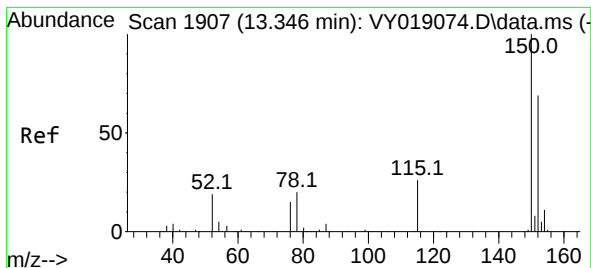
Tgt Ion:	95	Resp:	4900
Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	175.6
176	80.0	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019208.D
Acq: 22 Aug 2024 08:32

Tgt Ion:	117	Resp:	16732
Ion	Ratio	Lower	Upper
117	100		
82	51.3	42.4	63.6
119	37.6	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: VY019208.D

Acq: 22 Aug 2024 08:32

Instrument :

MSVOA_Y

ClientSampleId :

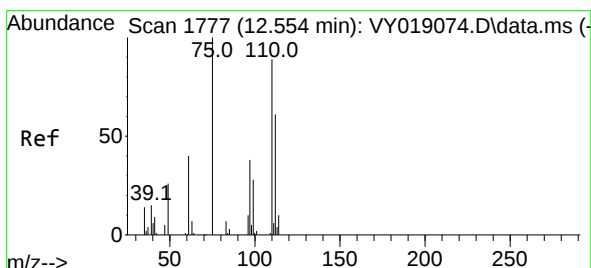
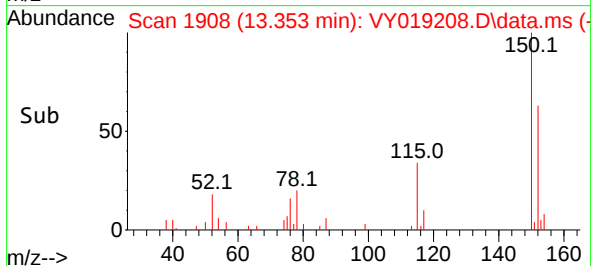
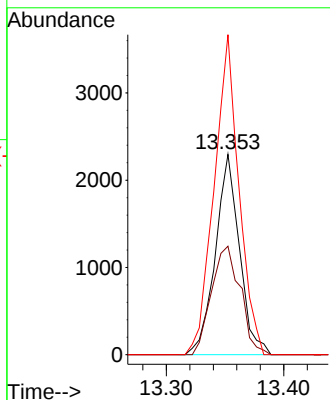
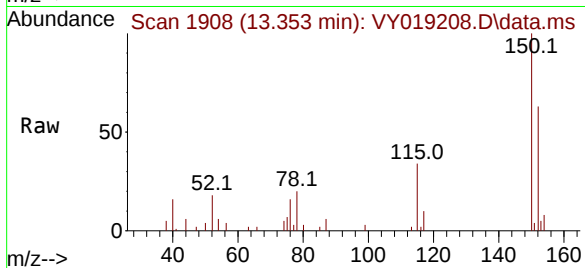
Tgt Ion:152 Resp: 3275

Ion Ratio Lower Upper

152 100

115 64.8 28.2 84.7

150 164.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 88.645 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019208.D

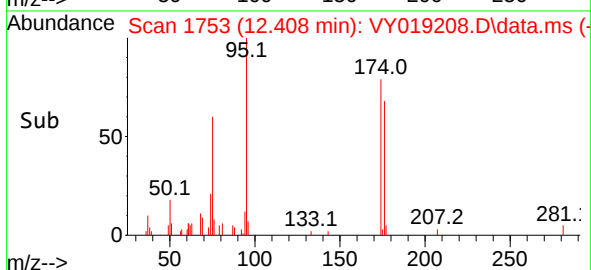
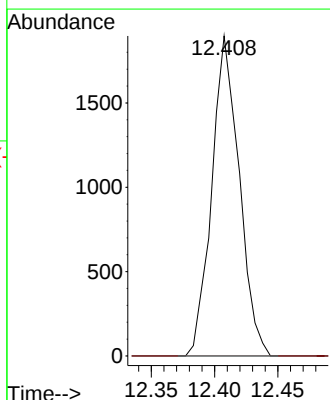
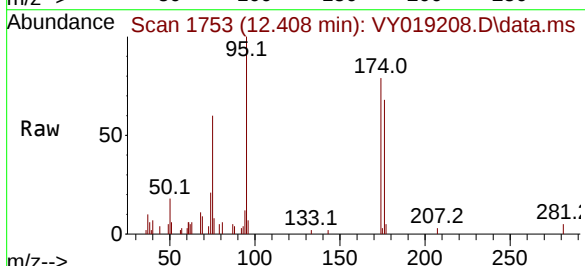
Acq: 22 Aug 2024 08:32

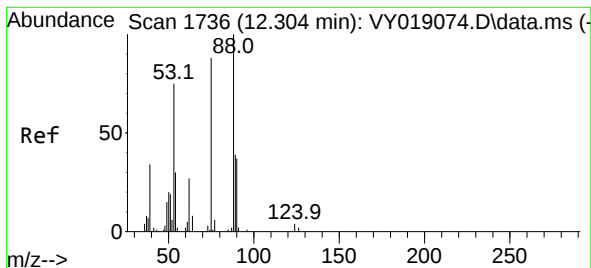
Tgt Ion: 75 Resp: 2863

Ion Ratio Lower Upper

75 100

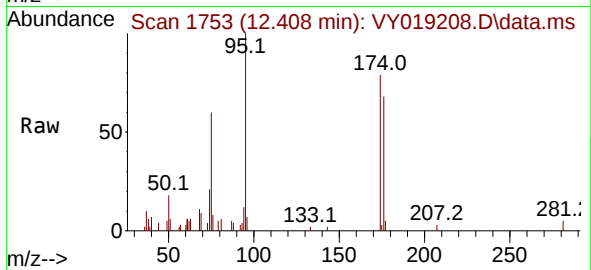
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 218.923 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019208.D
 Acq: 22 Aug 2024 08:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 2863
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

