

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019839.D
 Acq On : 09 Oct 2024 17:51
 Operator : SY/MD
 Sample : P4353-02
 Misc : 3.21g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 05:41:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

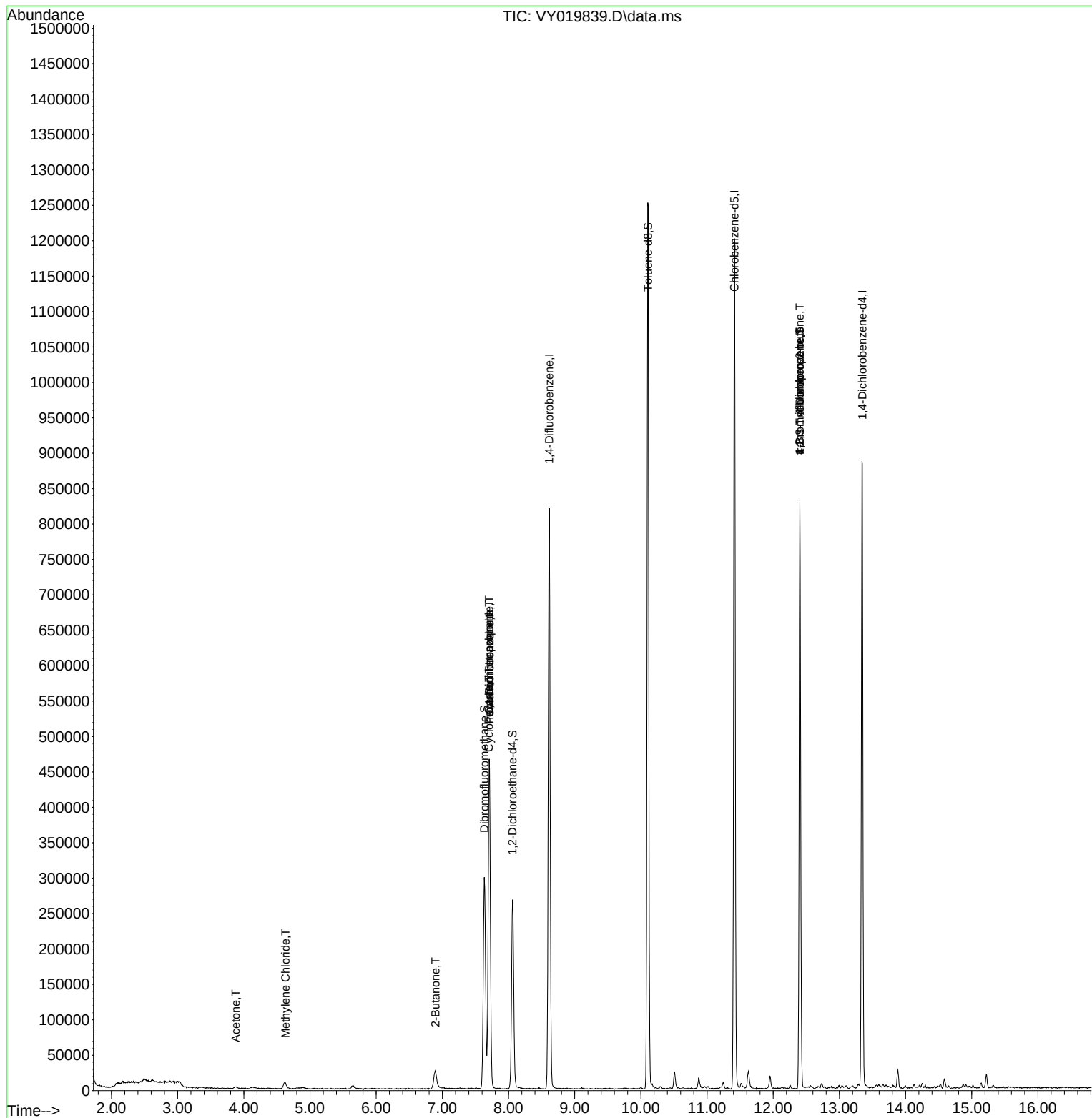
Internal Standards						
1) Pentafluorobenzene	7.713	168	334359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	665105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	588854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	209283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	211622	51.403	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.800%
35) Dibromofluoromethane	7.634	113	212759	48.476	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.960%
50) Toluene-d8	10.109	98	800868	49.412	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.402	95	249741	42.644	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	1466	Below Cal	#	77
16) Acetone	3.879	43	5025	4.689	ug/l	96
20) Methylene Chloride	4.629	84	6301	1.457	ug/l #	89
25) 2-Butanone	6.896	43	2203	1.536	ug/l #	73
31) Cyclohexane	7.701	56	9415	1.369	ug/l #	22
36) 1,1-Dichloropropene	7.707	75	31874	5.041	ug/l #	51
38) Carbon Tetrachloride	7.707	117	36713	5.416	ug/l #	16
76) 1,2,3-Trichloropropane	12.402	75	140205	64.337	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	140205	138.035	ug/l #	8

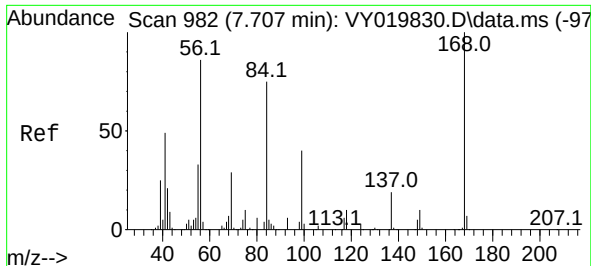
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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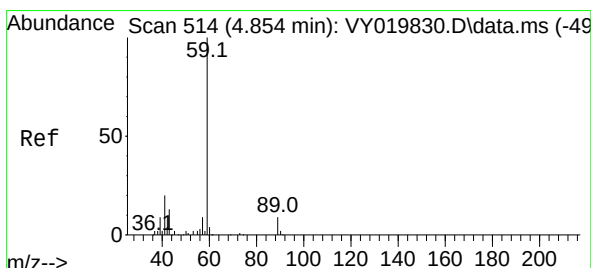
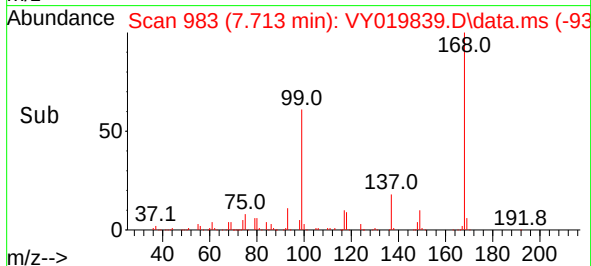
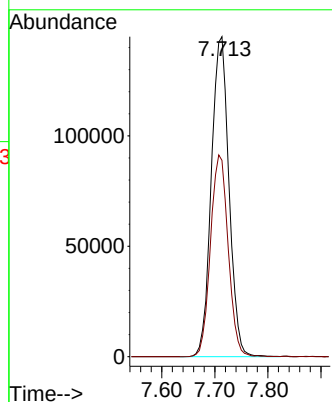
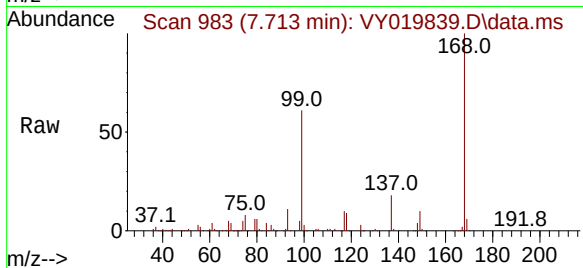




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019839.D
Acq: 09 Oct 2024 17:51

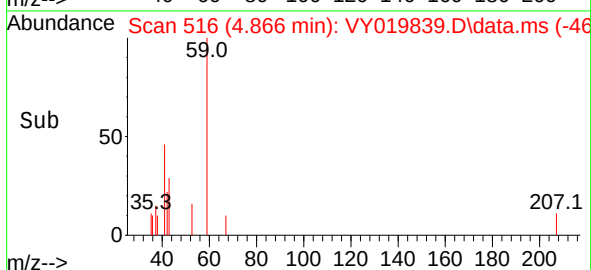
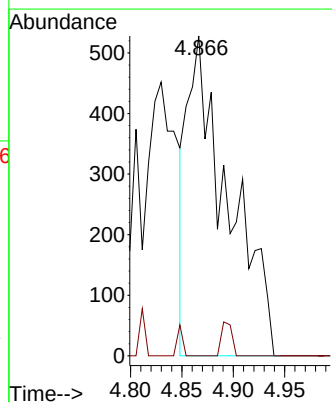
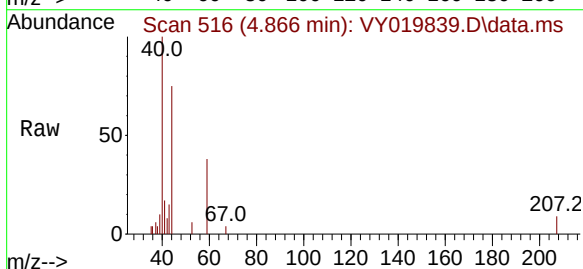
Instrument :
MSVOA_Y
ClientSampleId :

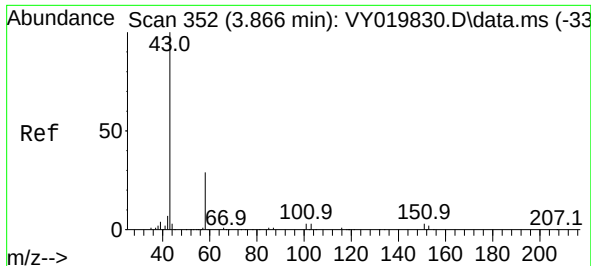
Tgt Ion:168 Resp: 334359
Ion Ratio Lower Upper
168 100
99 61.4 52.6 78.8



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.866 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY019839.D
Acq: 09 Oct 2024 17:51

Tgt Ion: 59 Resp: 1466
Ion Ratio Lower Upper
59 100
57 1.3 7.7 11.5#

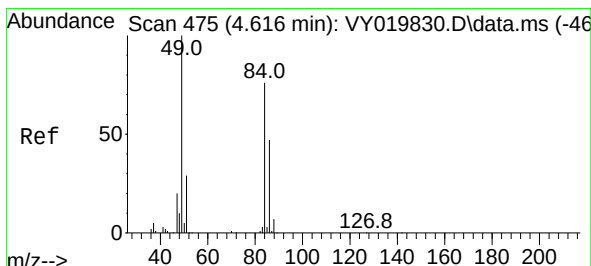
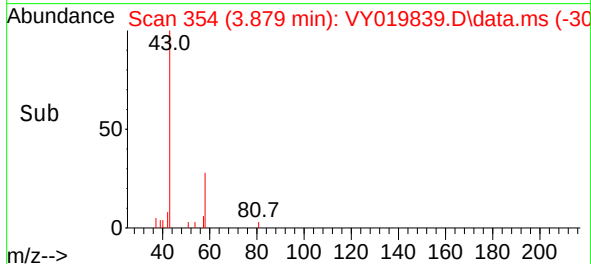
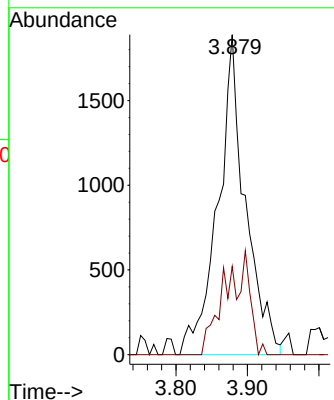
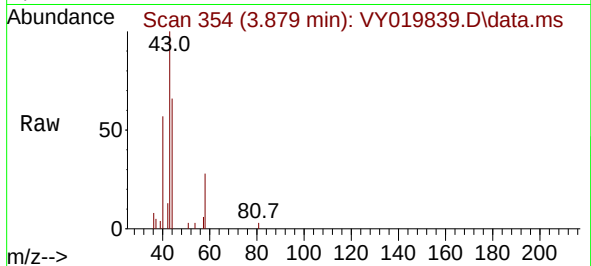




#16
Acetone
Concen: 4.689 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY019839.D
Acq: 09 Oct 2024 17:51

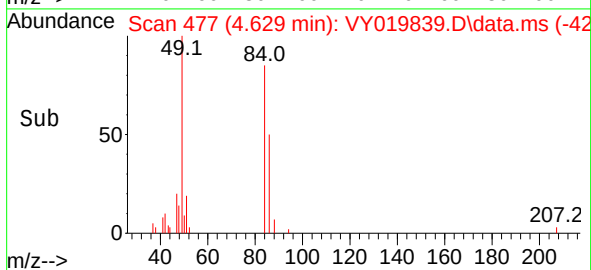
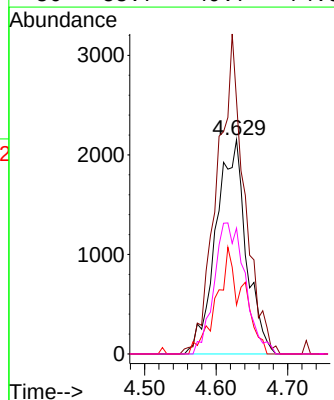
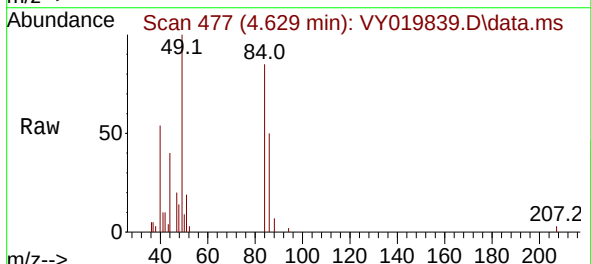
Instrument :
MSVOA_Y
ClientSampleId :

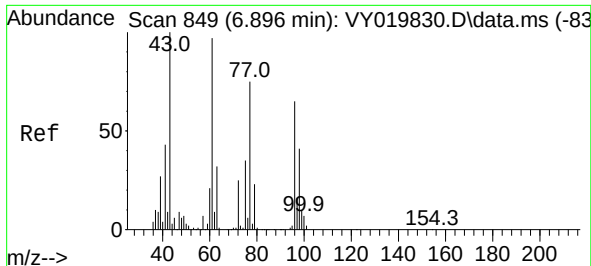
Tgt Ion: 43 Resp: 5025
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.6



#20
Methylene Chloride
Concen: 1.457 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY019839.D
Acq: 09 Oct 2024 17:51

Tgt Ion: 84 Resp: 6301
Ion Ratio Lower Upper
84 100
49 118.3 104.8 157.2
51 22.9 30.4 45.6#
86 58.7 49.7 74.5





#25

2-Butanone

Concen: 1.536 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY019839.D

Acq: 09 Oct 2024 17:51

Instrument :

MSVOA_Y

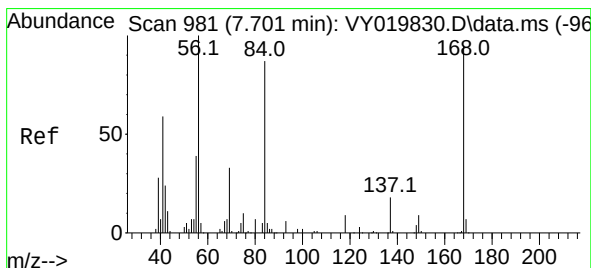
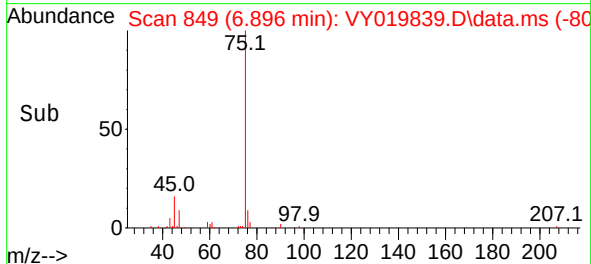
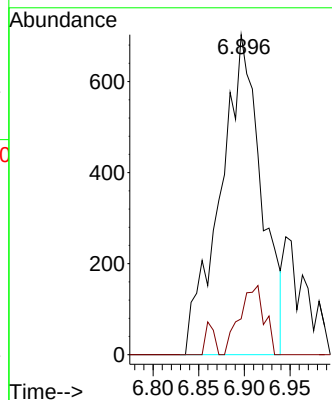
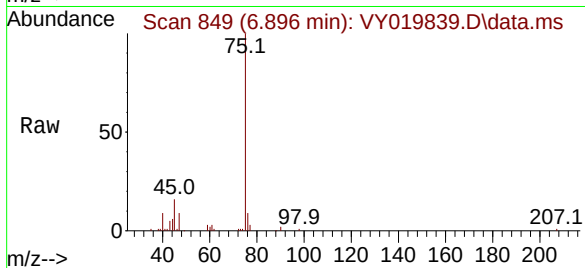
ClientSampleId :

Tgt Ion: 43 Resp: 2203

Ion Ratio Lower Upper

43 100

72 11.2 19.8 29.6#



#31

Cyclohexane

Concen: 1.369 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY019839.D

Acq: 09 Oct 2024 17:51

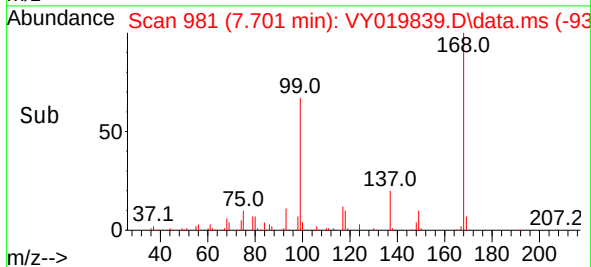
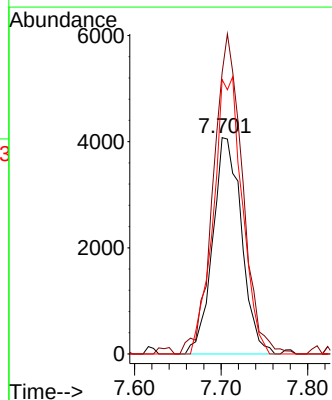
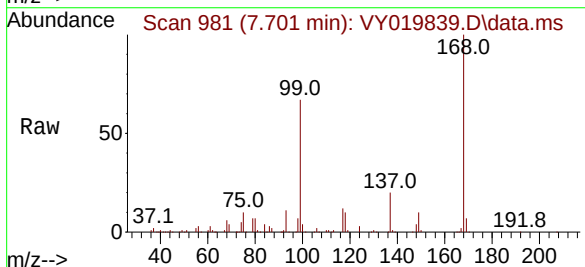
Tgt Ion: 56 Resp: 9415

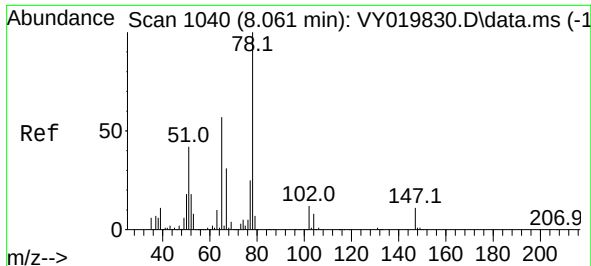
Ion Ratio Lower Upper

56 100

69 129.9 26.6 39.8#

84 126.8 69.6 104.4#





#33

1,2-Dichloroethane-d4

Concen: 51.403 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019839.D

Acq: 09 Oct 2024 17:51

Instrument :

MSVOA_Y

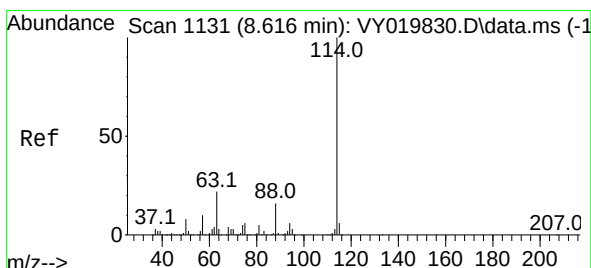
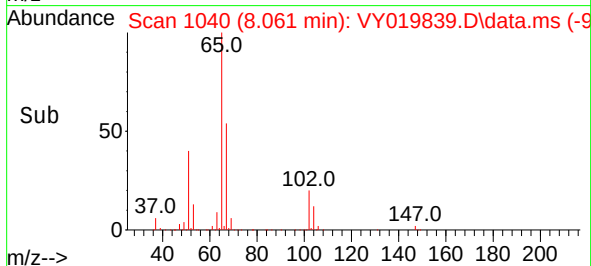
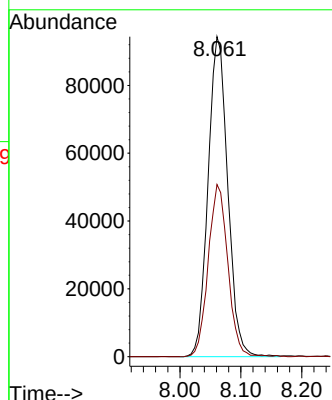
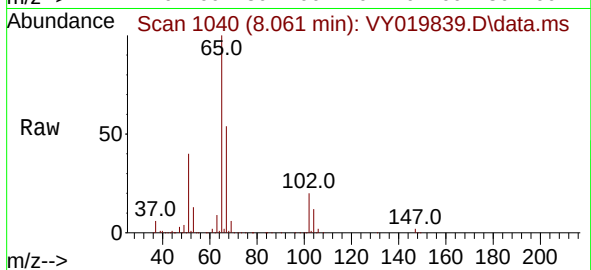
ClientSampleId :

Tgt Ion: 65 Resp: 211622

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019839.D

Acq: 09 Oct 2024 17:51

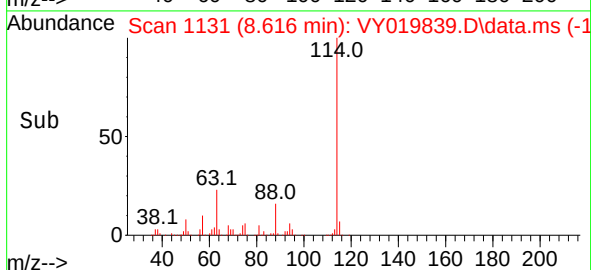
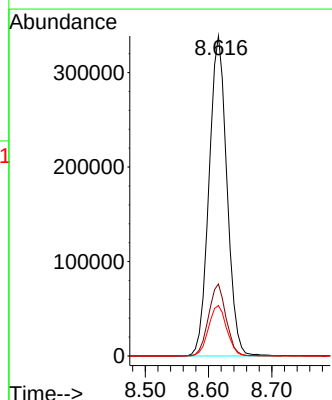
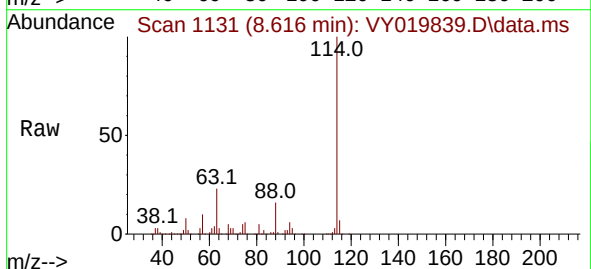
Tgt Ion: 114 Resp: 665105

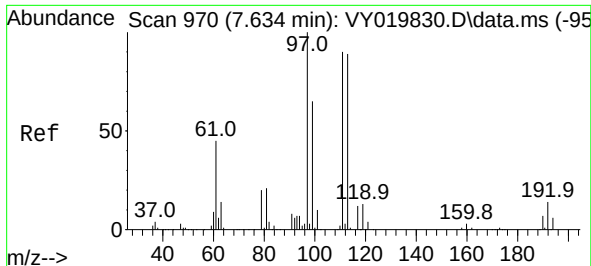
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.8

88 15.8 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.476 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

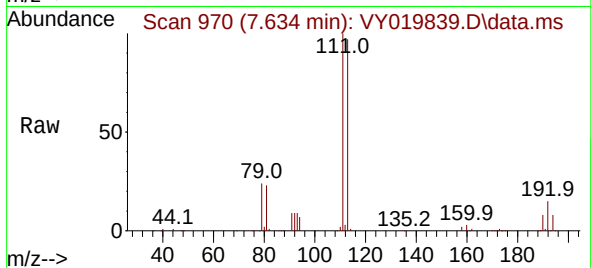
Lab File: VY019839.D

Acq: 09 Oct 2024 17:51

Instrument :

MSVOA_Y

ClientSampleId :



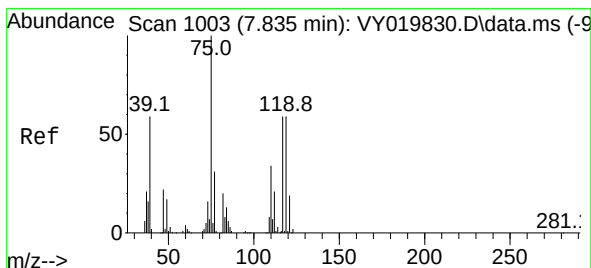
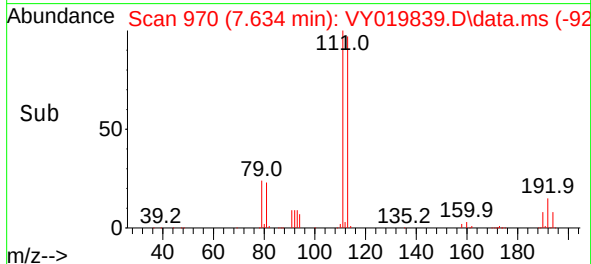
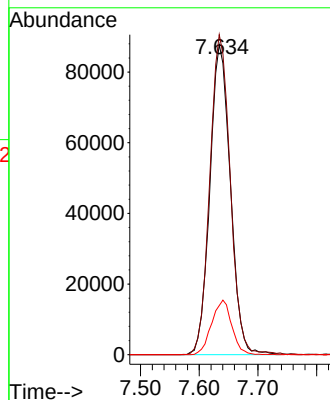
Tgt Ion:113 Resp: 212759

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

192 17.3 13.6 20.4



#36

1,1-Dichloropropene

Concen: 5.041 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY019839.D

Acq: 09 Oct 2024 17:51

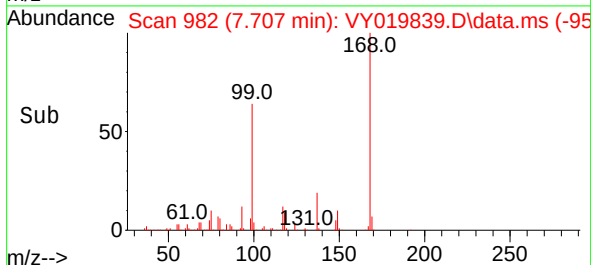
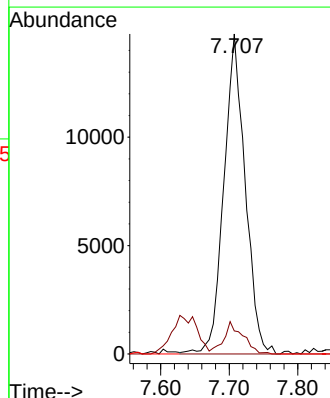
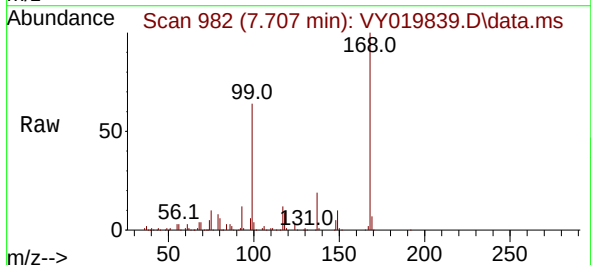
Tgt Ion: 75 Resp: 31874

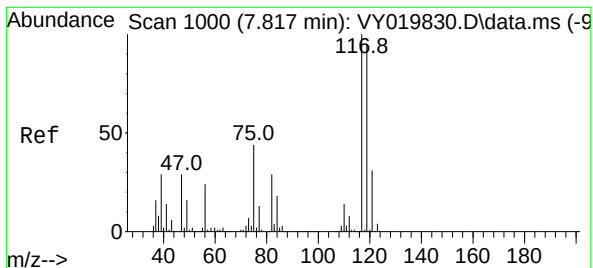
Ion Ratio Lower Upper

75 100

110 9.0 16.6 49.8#

77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.416 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.110 min

Lab File: VY019839.D

Acq: 09 Oct 2024 17:51

Instrument :

MSVOA_Y

ClientSampleId :

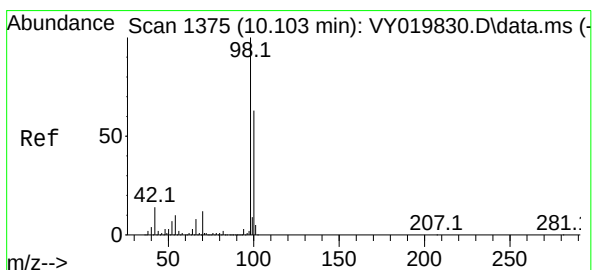
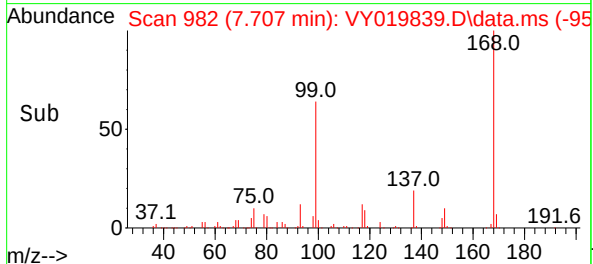
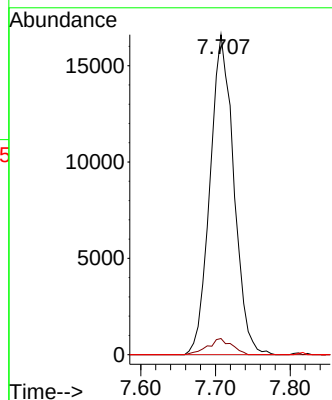
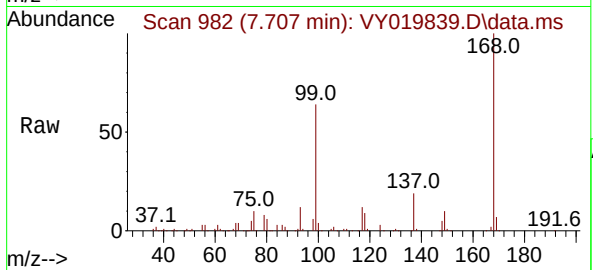
Tgt Ion:117 Resp: 36713

Ion Ratio Lower Upper

117 100

119 5.0 76.2 114.4#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 49.412 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY019839.D

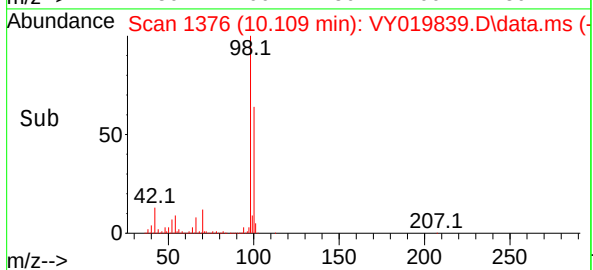
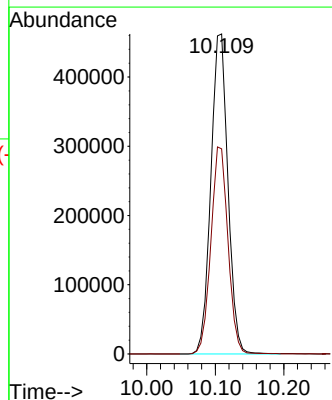
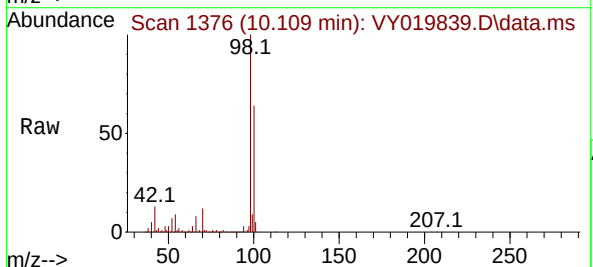
Acq: 09 Oct 2024 17:51

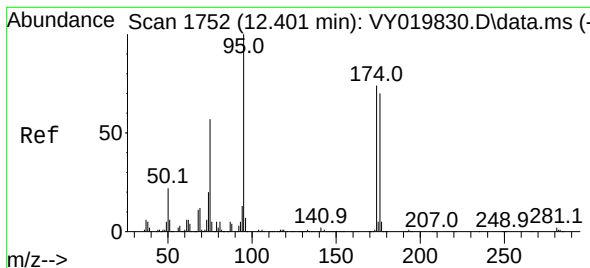
Tgt Ion: 98 Resp: 800868

Ion Ratio Lower Upper

98 100

100 64.9 51.1 76.7

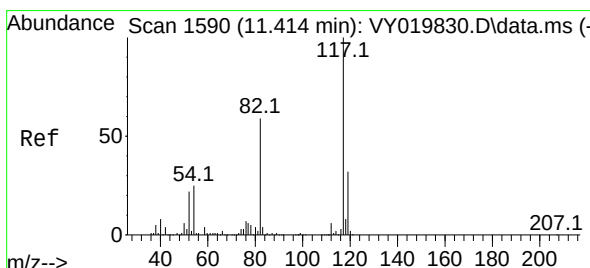
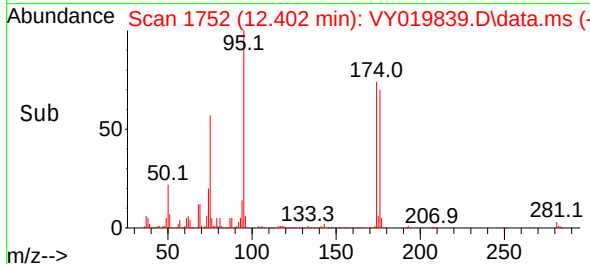
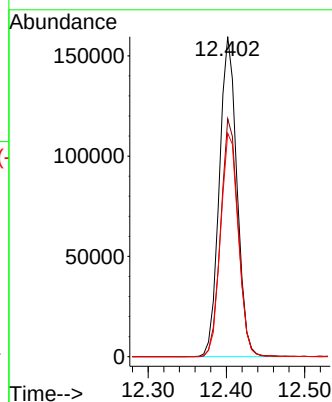
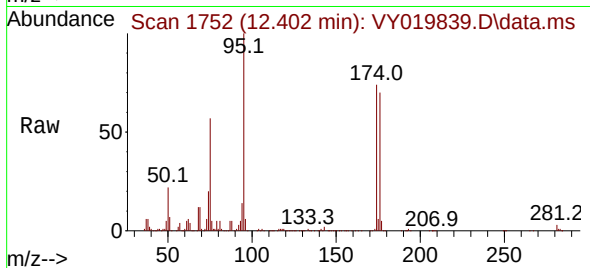




#62
4-Bromofluorobenzene
Concen: 42.644 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019839.D
Acq: 09 Oct 2024 17:51

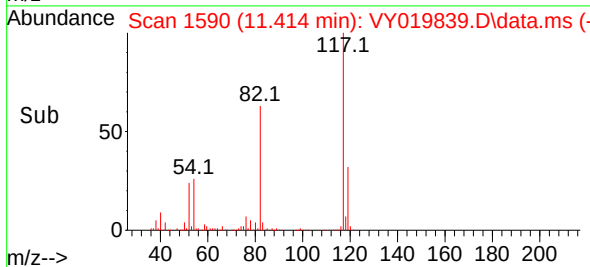
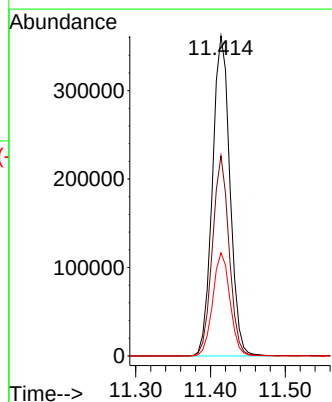
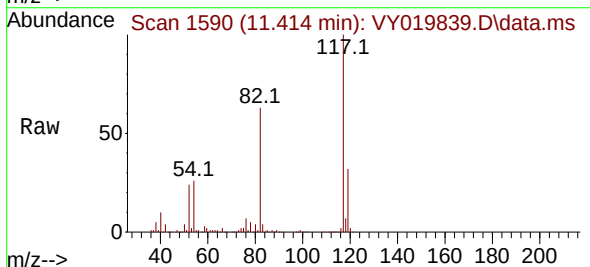
Instrument :
MSVOA_Y
ClientSampleId :

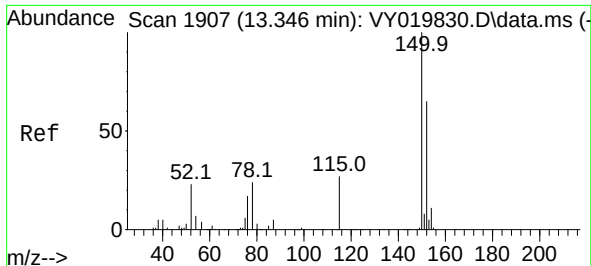
Tgt Ion: 95 Resp: 249741
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.0
176 70.6 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019839.D
Acq: 09 Oct 2024 17:51

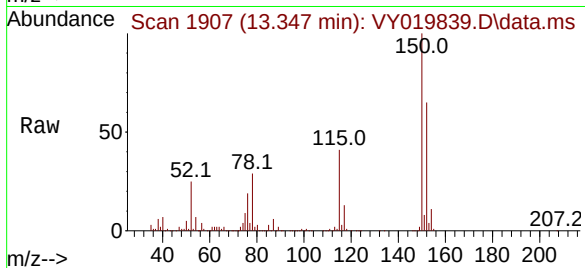
Tgt Ion: 117 Resp: 588854
Ion Ratio Lower Upper
117 100
82 62.6 46.9 70.3
119 32.2 25.4 38.2



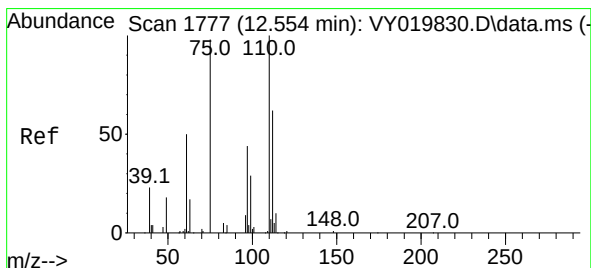
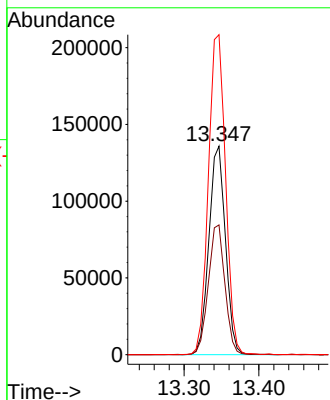
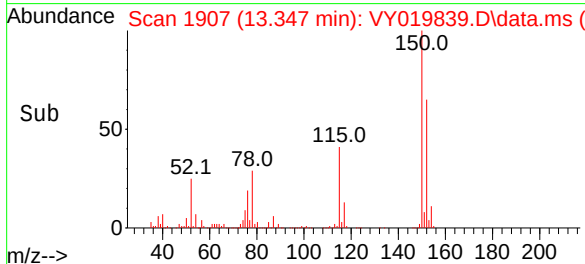


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY019839.D
Acq: 09 Oct 2024 17:51

Instrument :
MSVOA_Y
ClientSampleId :

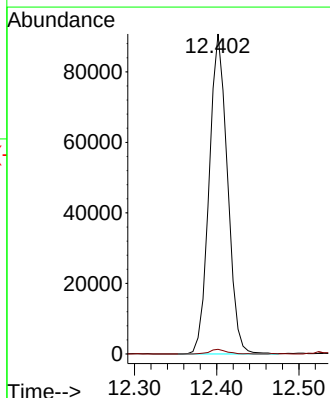
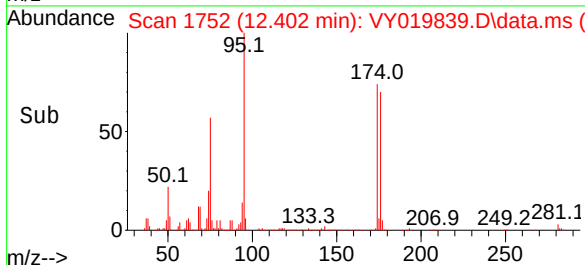
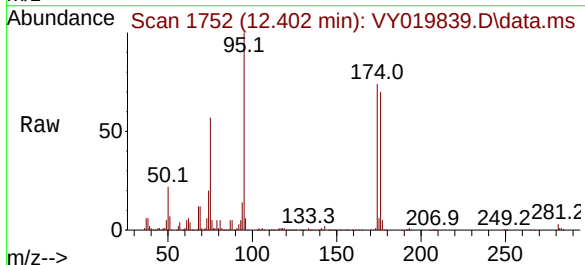


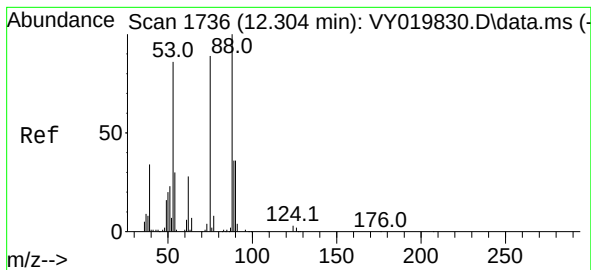
Tgt Ion:152 Resp: 209283
Ion Ratio Lower Upper
152 100
115 62.4 30.8 92.3
150 158.7 0.0 352.8



#76
1,2,3-Trichloropropane
Concen: 64.337 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019839.D
Acq: 09 Oct 2024 17:51

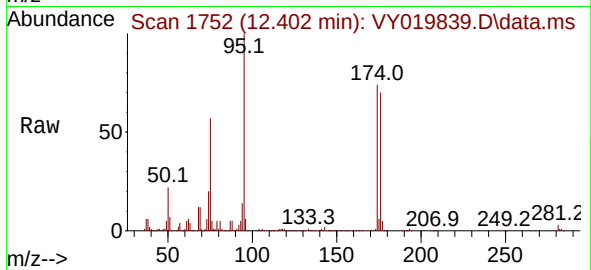
Tgt Ion: 75 Resp: 140205
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 138.035 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019839.D
Acq: 09 Oct 2024 17:51

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 140205
Ion Ratio Lower Upper
75 100
53 0.0 84.7 127.1#
89 0.1 35.4 53.2#

