

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102224\
 Data File : VY019981.D
 Acq On : 22 Oct 2024 15:58
 Operator : SY/MD
 Sample : P4470-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 01:31:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

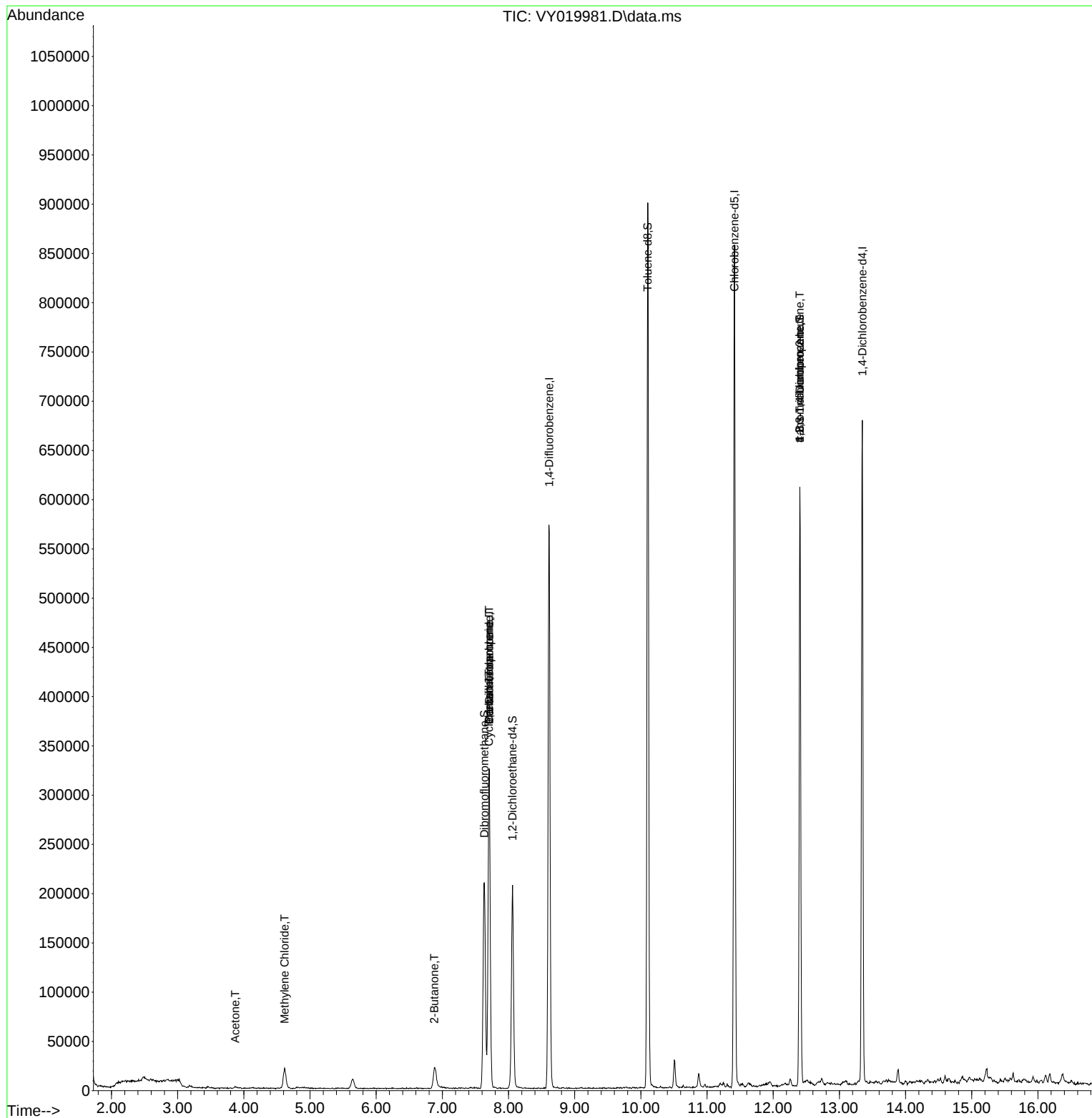
Internal Standards						
1) Pentafluorobenzene	7.707	168	220298	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	458725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	419463	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	151584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	156619	57.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.480%
35) Dibromofluoromethane	7.634	113	150794	49.815	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.620%
50) Toluene-d8	10.103	98	566370	50.666	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.340%
62) 4-Bromofluorobenzene	12.401	95	180651	44.725	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	89.440%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.854	59	736	Below Cal	#	93
16) Acetone	3.872	43	2492	3.529	ug/l #	72
20) Methylene Chloride	4.616	84	12352	3.992	ug/l #	71
25) 2-Butanone	6.878	43	1042	1.102	ug/l #	66
31) Cyclohexane	7.701	56	6882	1.518	ug/l #	55
36) 1,1-Dichloropropene	7.707	75	22407	5.138	ug/l #	50
38) Carbon Tetrachloride	7.707	117	25690	5.495	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	103453	34.838	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	103453	140.621	ug/l #	16

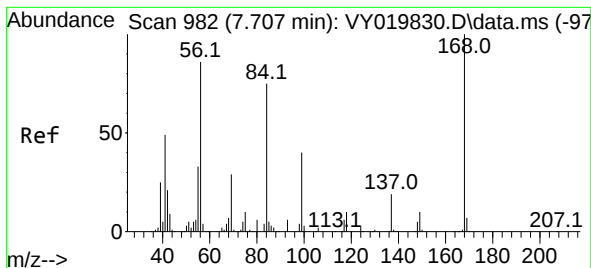
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019981.D

Acq: 22 Oct 2024 15:58

Instrument :

MSVOA_Y

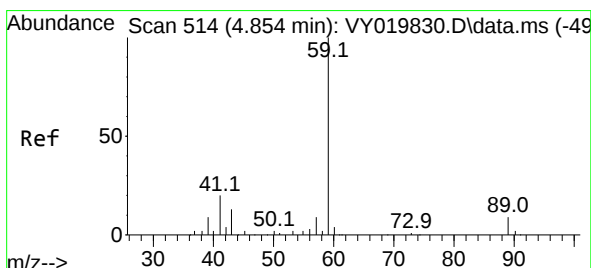
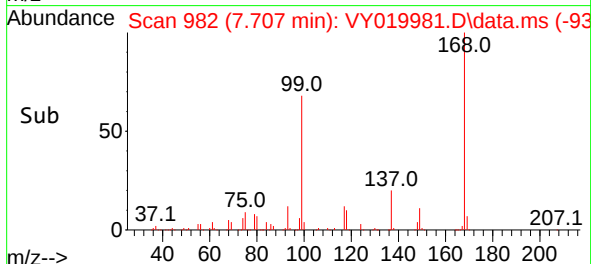
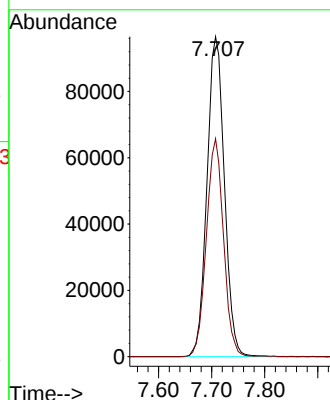
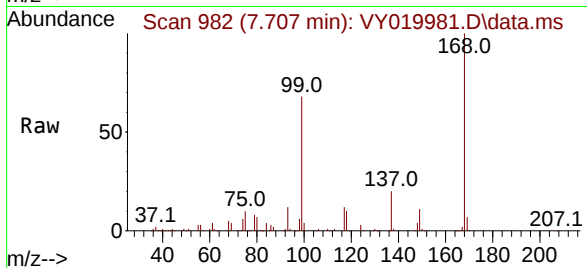
ClientSampleId :

Tgt Ion:168 Resp: 220298

Ion Ratio Lower Upper

168 100

99 68.1 39.1 58.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.854 min Scan# 514

Delta R.T. -0.006 min

Lab File: VY019981.D

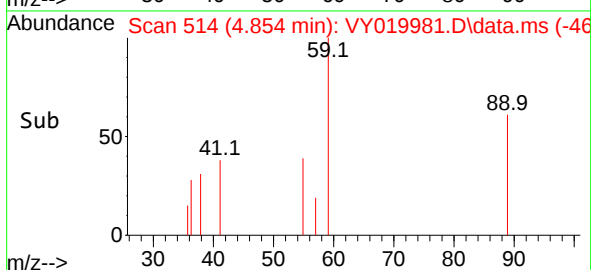
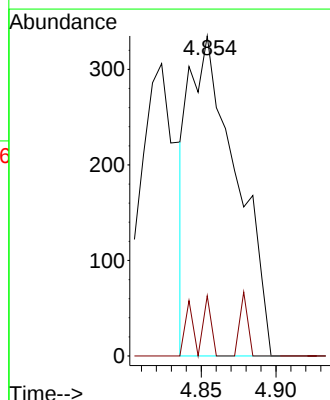
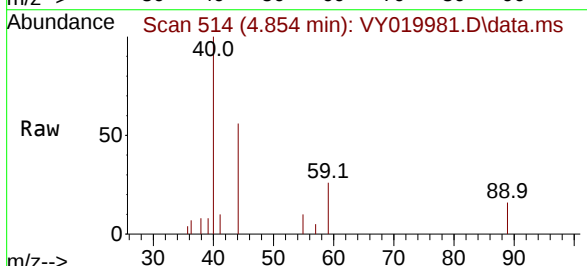
Acq: 22 Oct 2024 15:58

Tgt Ion: 59 Resp: 736

Ion Ratio Lower Upper

59 100

57 6.0 3.0 4.6#

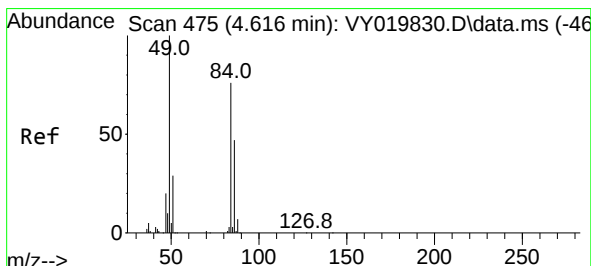
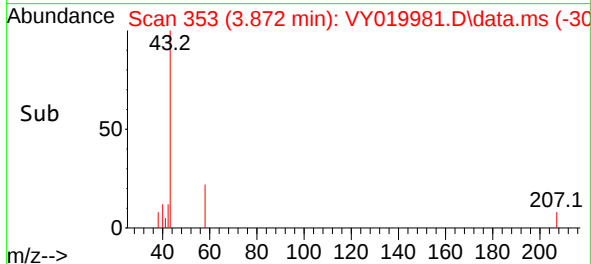
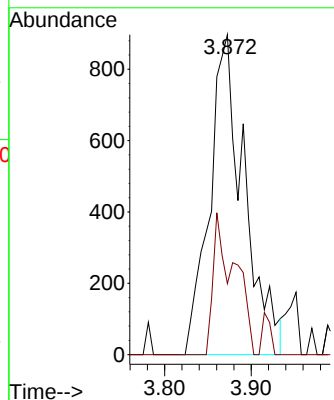
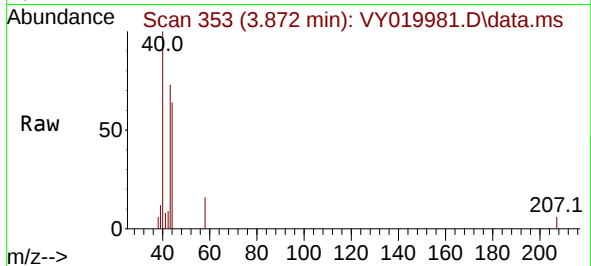




#16
Acetone
Concen: 3.529 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019981.D
Acq: 22 Oct 2024 15:58

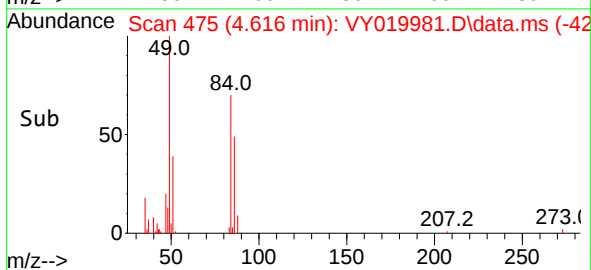
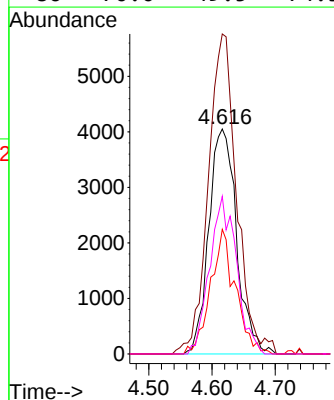
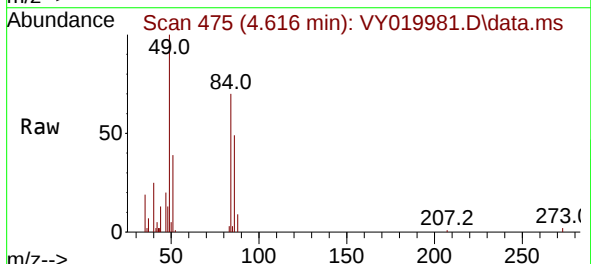
Instrument :
MSVOA_Y
ClientSampleId :

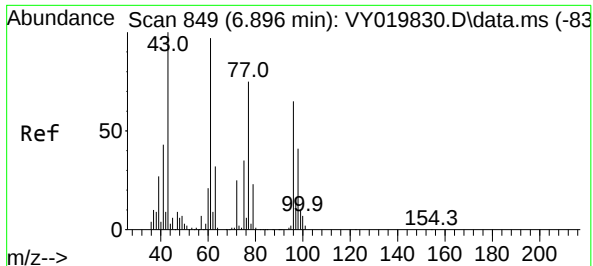
Tgt Ion: 43 Resp: 2492
Ion Ratio Lower Upper
43 100
58 22.2 31.7 47.5#



#20
Methylene Chloride
Concen: 3.992 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019981.D
Acq: 22 Oct 2024 15:58

Tgt Ion: 84 Resp: 12352
Ion Ratio Lower Upper
84 100
49 142.2 84.4 126.6#
51 55.4 26.0 39.0#
86 70.0 49.5 74.3





#25

2-Butanone

Concen: 1.102 ug/l

RT: 6.878 min Scan# 849

Delta R.T. -0.012 min

Lab File: VY019981.D

Acq: 22 Oct 2024 15:58

Instrument :

MSVOA_Y

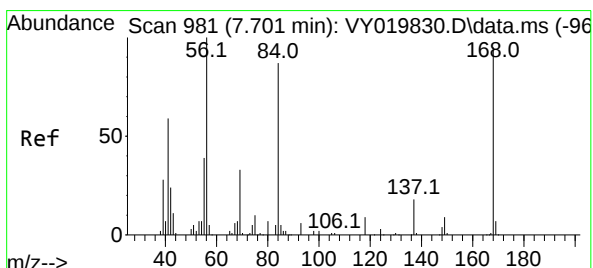
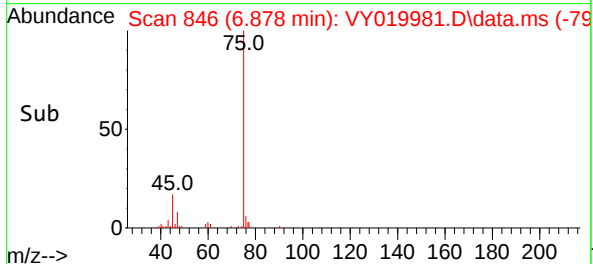
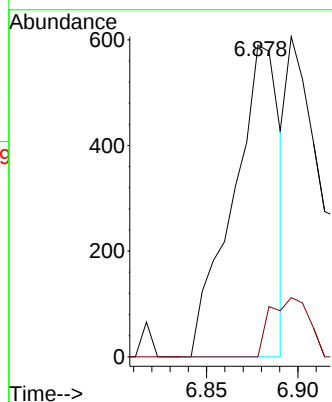
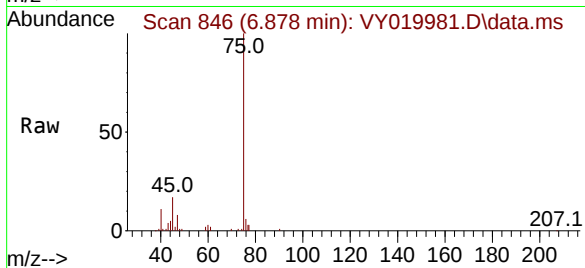
ClientSampleId :

Tgt Ion: 43 Resp: 1042

Ion Ratio Lower Upper

43 100

72 14.7 27.3 40.9#



#31

Cyclohexane

Concen: 1.518 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY019981.D

Acq: 22 Oct 2024 15:58

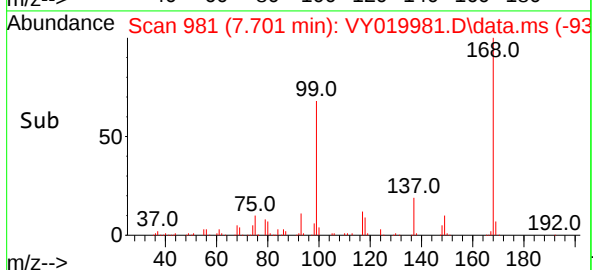
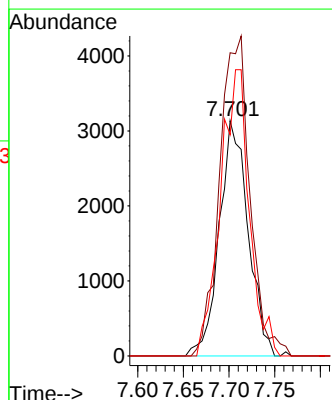
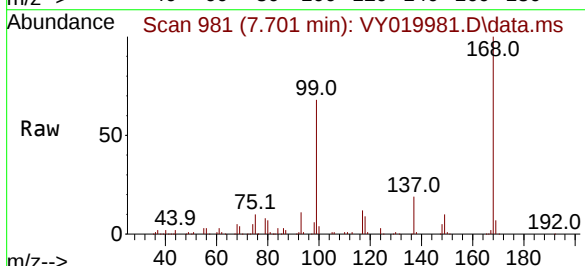
Tgt Ion: 56 Resp: 6882

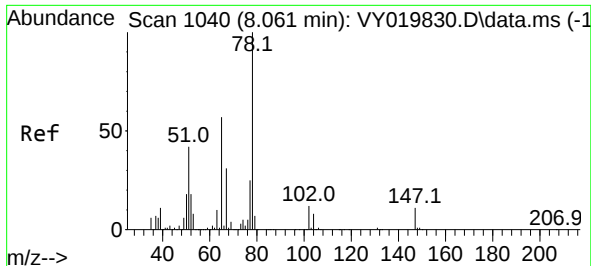
Ion Ratio Lower Upper

56 100

69 128.9 28.7 43.1#

84 94.1 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 57.739 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019981.D

Acq: 22 Oct 2024 15:58

Instrument :

MSVOA_Y

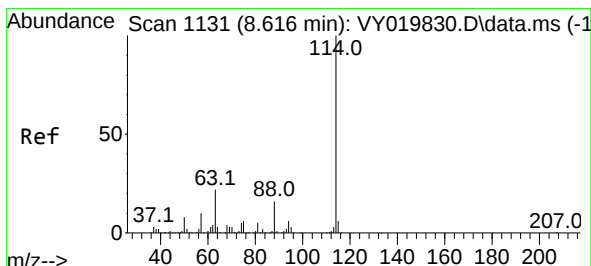
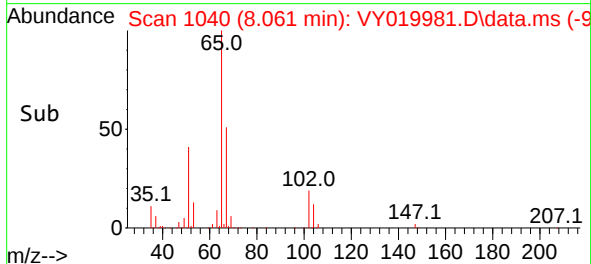
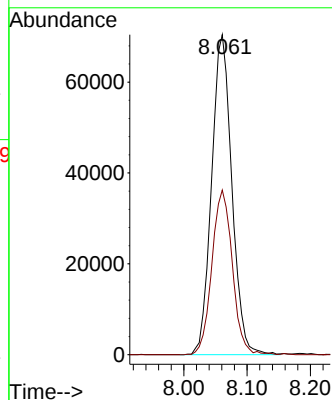
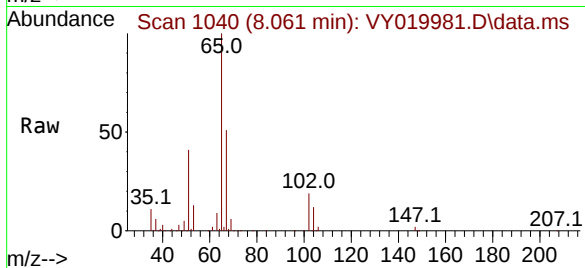
ClientSampleId :

Tgt Ion: 65 Resp: 156619

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019981.D

Acq: 22 Oct 2024 15:58

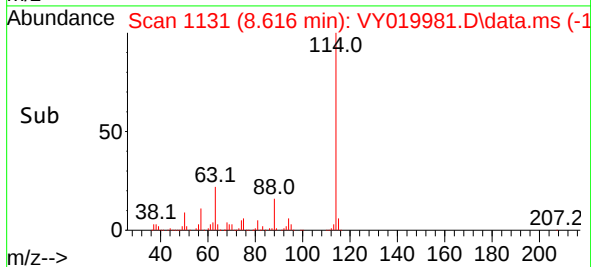
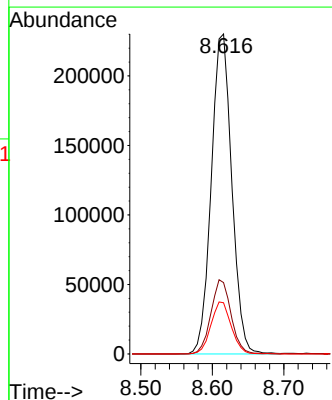
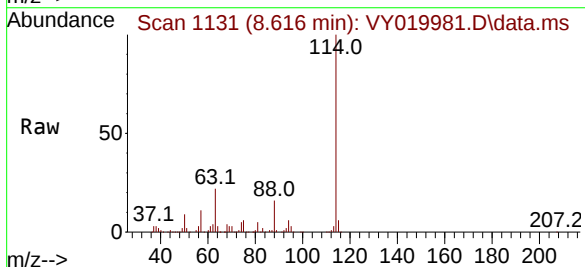
Tgt Ion: 114 Resp: 458725

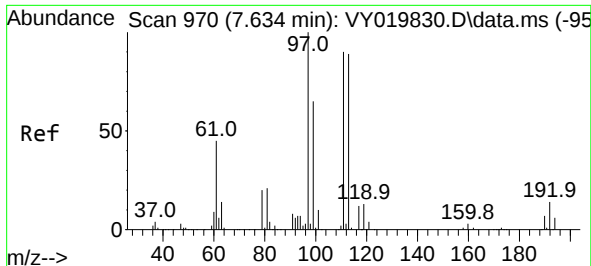
Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

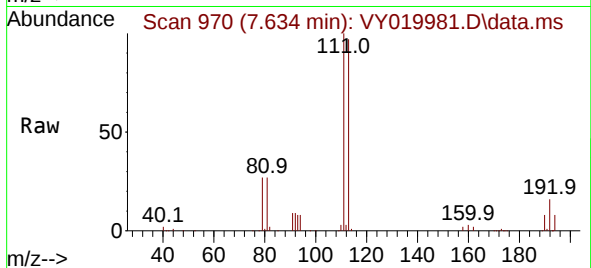
88 16.0 0.0 27.2



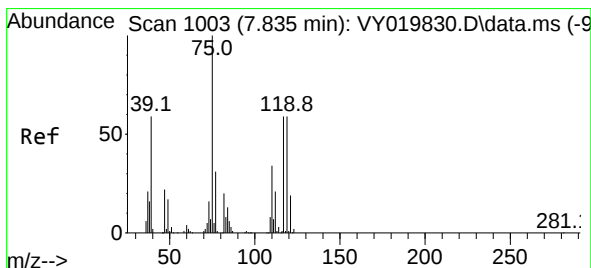
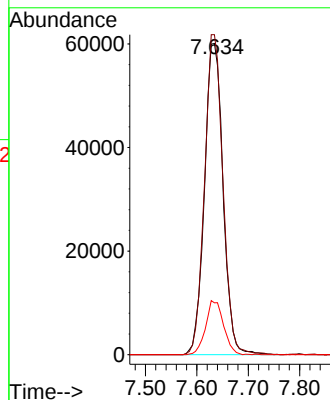
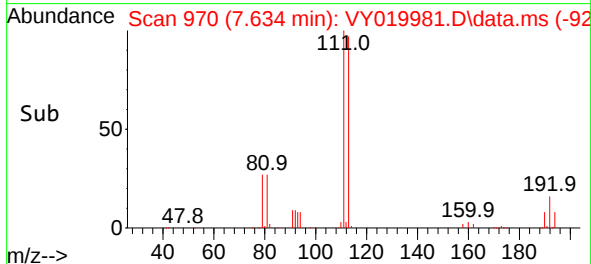


#35
Dibromofluoromethane
Concen: 49.815 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019981.D
Acq: 22 Oct 2024 15:58

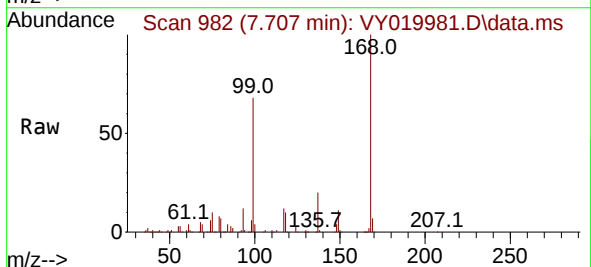
Instrument :
MSVOA_Y
ClientSampleId :



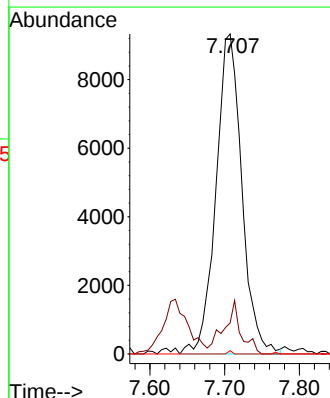
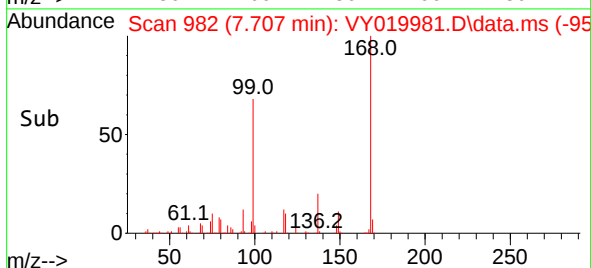
Tgt Ion:113 Resp: 150794
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 16.7 15.9 23.9

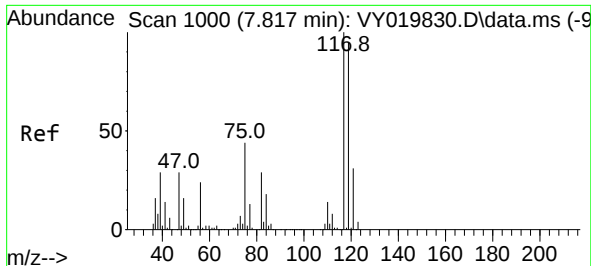


#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019981.D
Acq: 22 Oct 2024 15:58



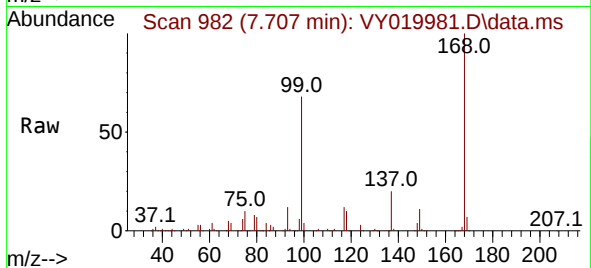
Tgt Ion: 75 Resp: 22407
Ion Ratio Lower Upper
75 100
110 11.0 19.0 57.0#
77 0.2 25.3 37.9#



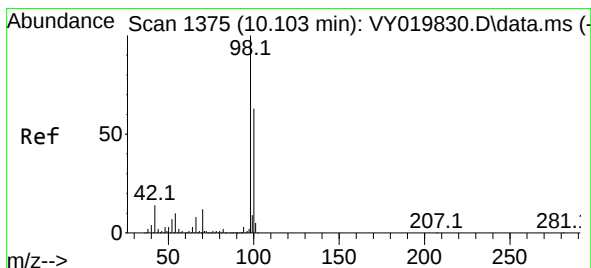
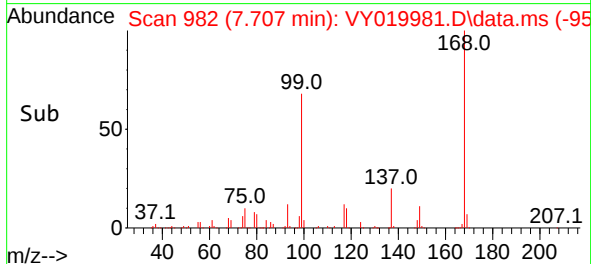
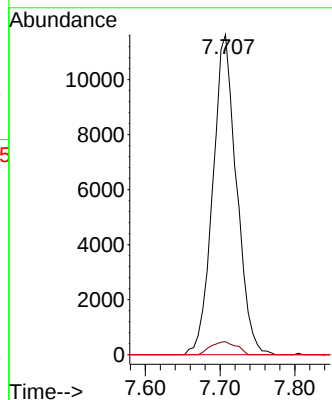


#38
Carbon Tetrachloride
Concen: 5.495 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019981.D
Acq: 22 Oct 2024 15:58

Instrument :
MSVOA_Y
ClientSampleId :

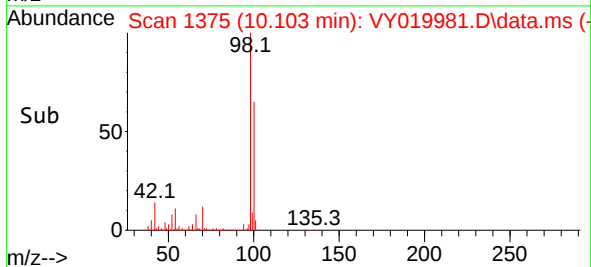
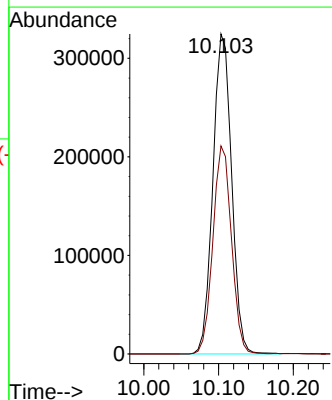
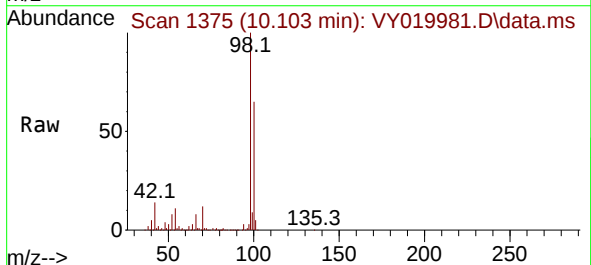


Tgt Ion:117 Resp: 25690
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.666 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019981.D
Acq: 22 Oct 2024 15:58

Tgt Ion: 98 Resp: 566370
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

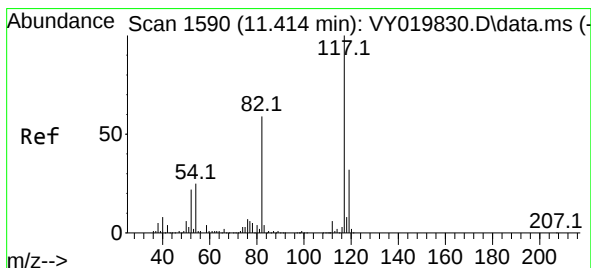
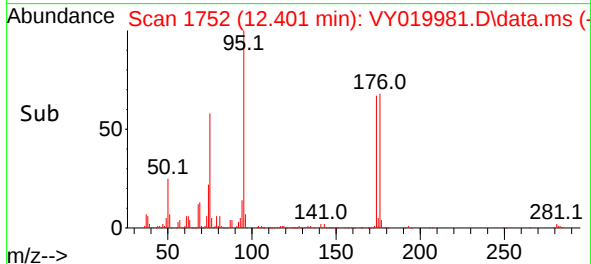
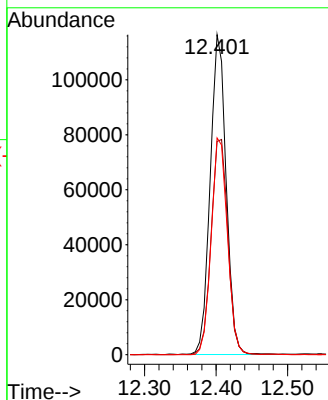
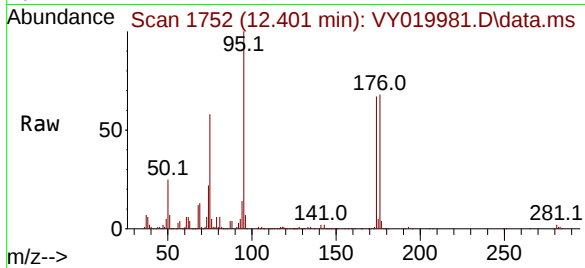




#62
4-Bromofluorobenzene
Concen: 44.725 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019981.D
Acq: 22 Oct 2024 15:58

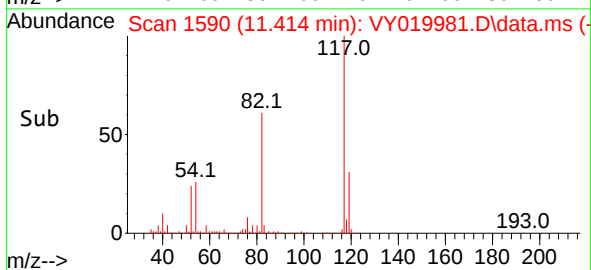
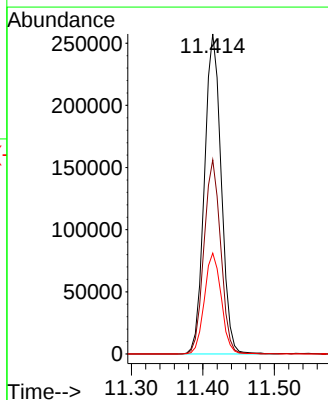
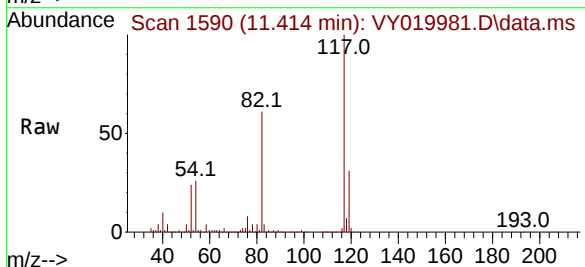
Instrument :
MSVOA_Y
ClientSampleId :

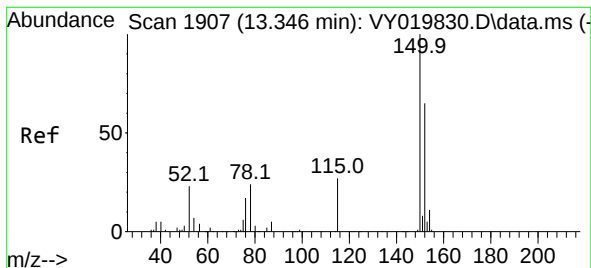
Tgt Ion: 95 Resp: 180651
Ion Ratio Lower Upper
95 100
174 70.5 0.0 175.6
176 68.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019981.D
Acq: 22 Oct 2024 15:58

Tgt Ion: 117 Resp: 419463
Ion Ratio Lower Upper
117 100
82 60.7 42.4 63.6
119 31.5 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: VY019981.D

Acq: 22 Oct 2024 15:58

Instrument :

MSVOA_Y

ClientSampleId :

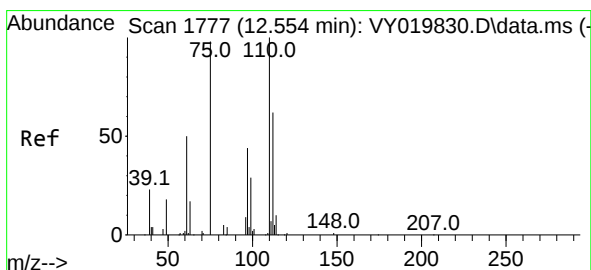
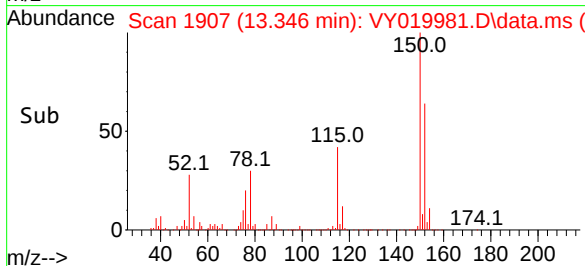
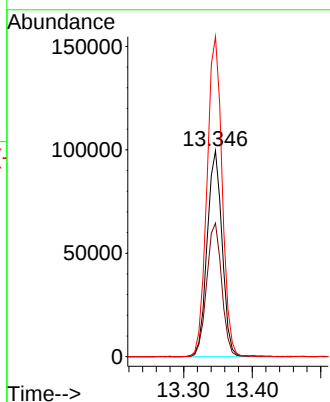
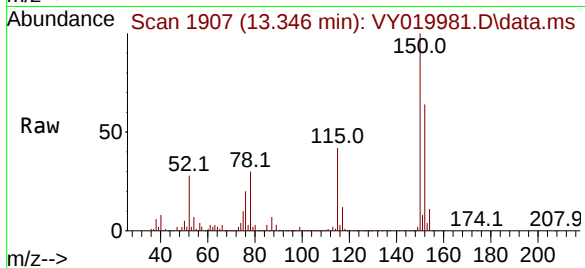
Tgt Ion:152 Resp: 151584

Ion Ratio Lower Upper

152 100

115 65.3 28.2 84.7

150 157.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 34.838 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019981.D

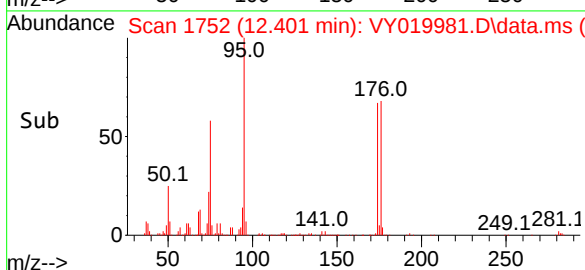
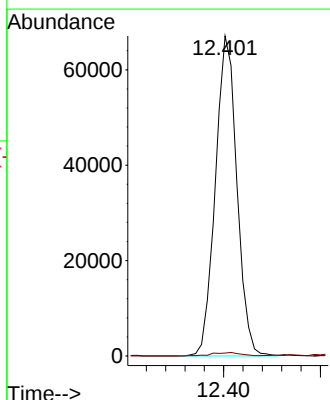
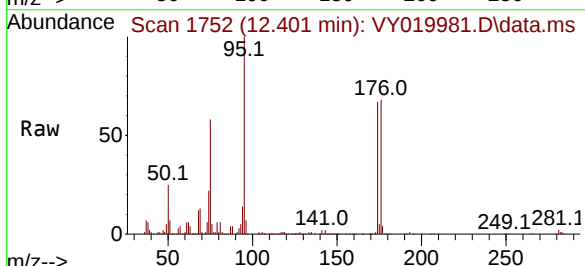
Acq: 22 Oct 2024 15:58

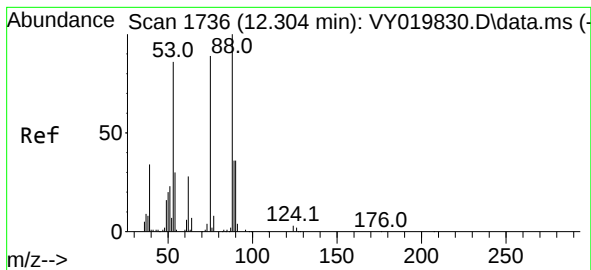
Tgt Ion: 75 Resp: 103453

Ion Ratio Lower Upper

75 100

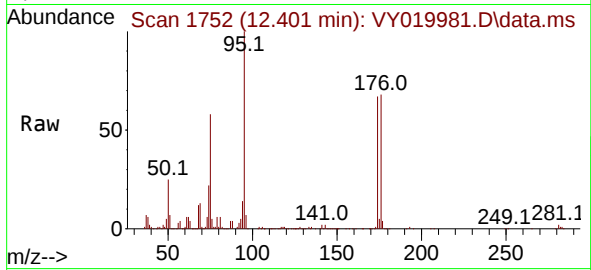
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 140.621 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019981.D
Acq: 22 Oct 2024 15:58

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 103453
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

