

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019964.D
 Acq On : 21 Oct 2024 15:45
 Operator : SY/MD
 Sample : P4468-05
 Misc : 6.25g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 21 23:32:58 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)

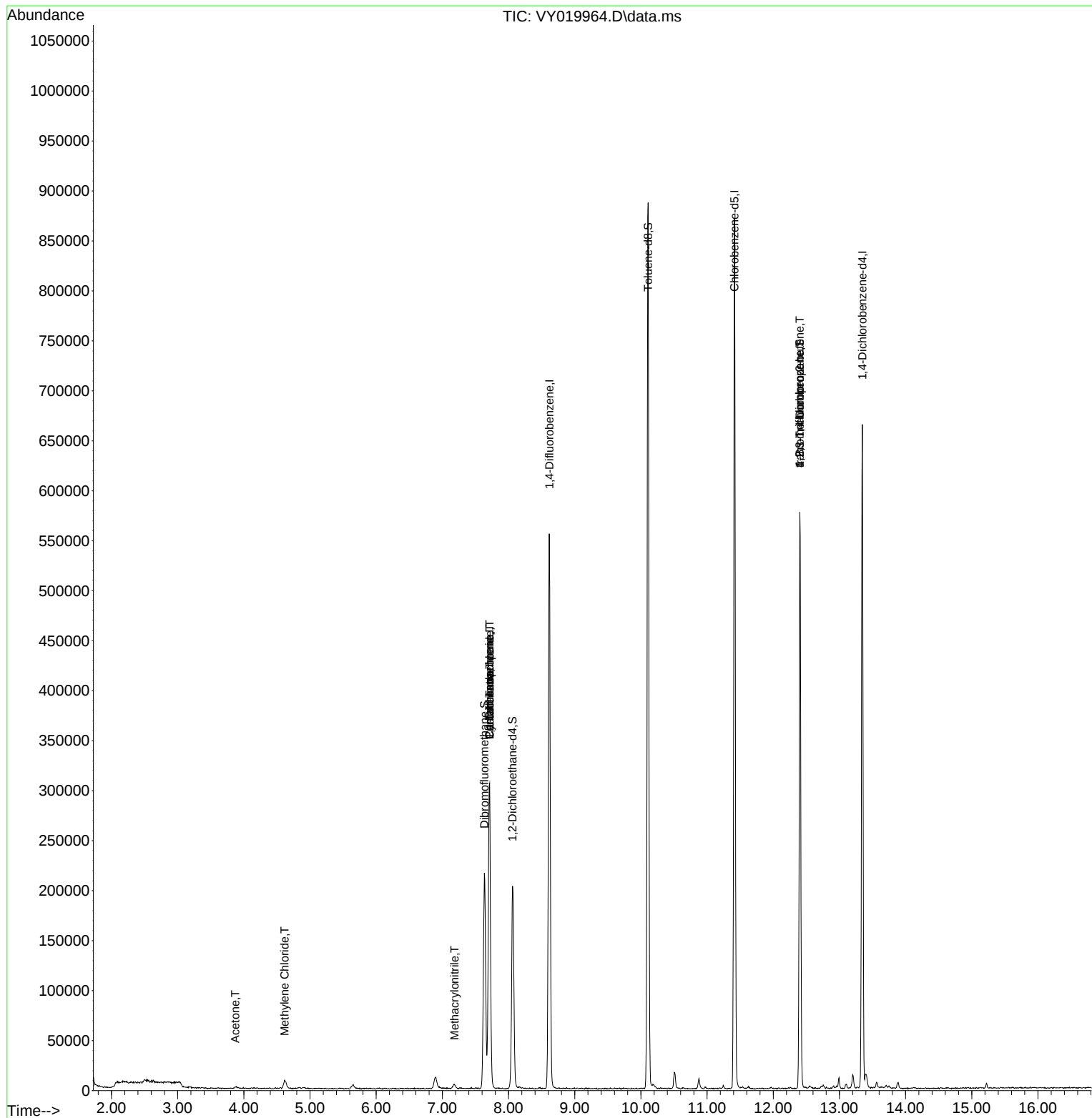
Internal Standards						
1) Pentafluorobenzene	7.713	168	214128	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	444630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	412471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	145868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	158205	60.005	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.000%	
35) Dibromofluoromethane	7.634	113	151031	51.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.940%	
50) Toluene-d8	10.109	98	556824	51.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.780%	
62) 4-Bromofluorobenzene	12.401	95	171135	43.712	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	112	Below Cal	#	88
16) Acetone	3.872	43	3502	5.102	ug/l #	68
20) Methylene Chloride	4.616	84	5275	1.295	ug/l #	86
31) Cyclohexane	7.713	56	6189	1.405	ug/l #	36
36) 1,1-Dichloropropene	7.713	75	21498	5.086	ug/l #	48
38) Carbon Tetrachloride	7.713	117	23085	5.094	ug/l #	16
41) Methacrylonitrile	7.183	41	2594	2.174	ug/l #	35
76) 1,2,3-Trichloropropane	12.401	75	100924	35.319	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	100924	142.559	ug/l #	16

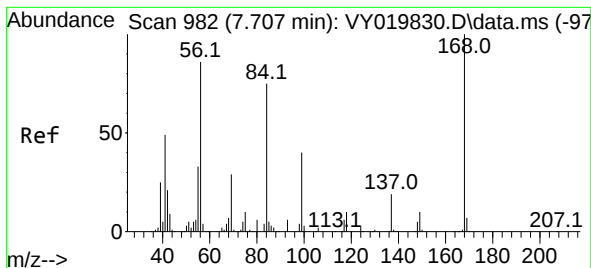
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
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ClientSampleId :

Quant Time: Oct 21 23:32:58 2024
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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: 7.713 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY019964.D

Acq: 21 Oct 2024 15:45

Instrument :

MSVOA_Y

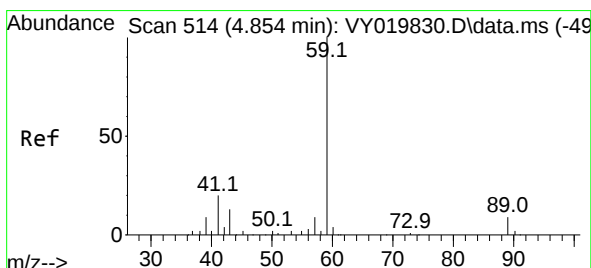
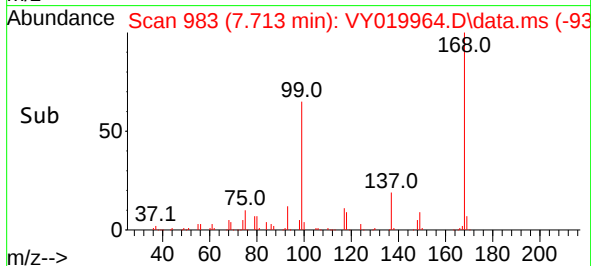
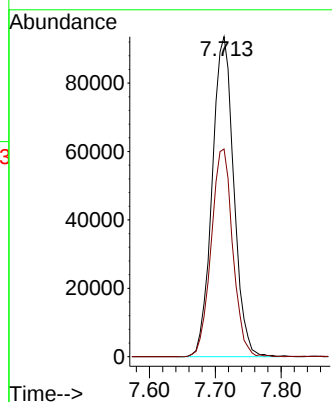
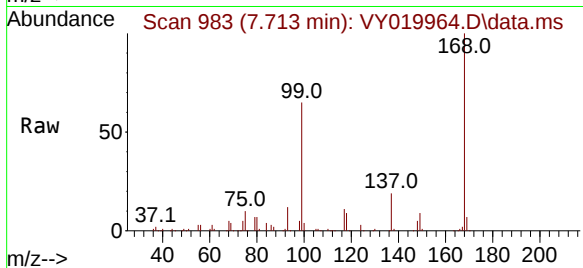
ClientSampleId :

Tgt Ion:168 Resp: 214128

Ion Ratio Lower Upper

168 100

99 64.9 39.1 58.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.878 min Scan# 518

Delta R.T. 0.018 min

Lab File: VY019964.D

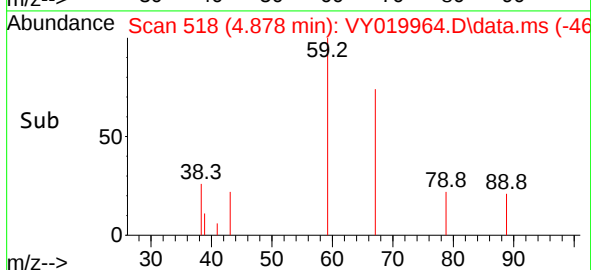
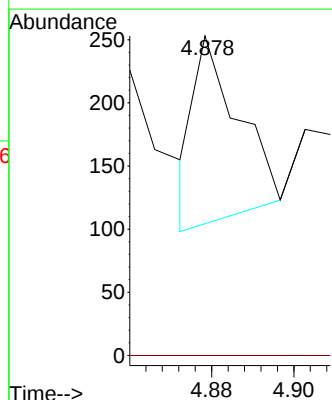
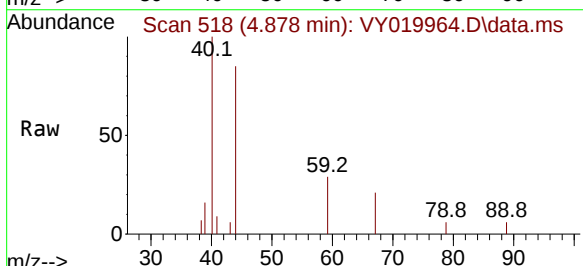
Acq: 21 Oct 2024 15:45

Tgt Ion: 59 Resp: 112

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#

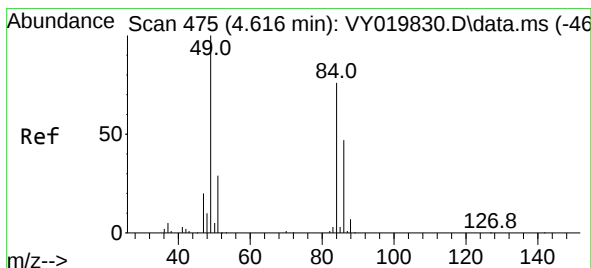
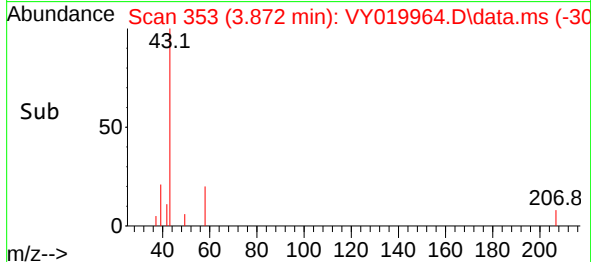
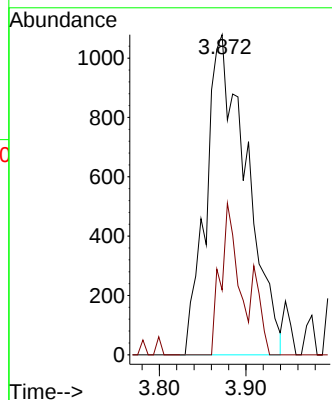
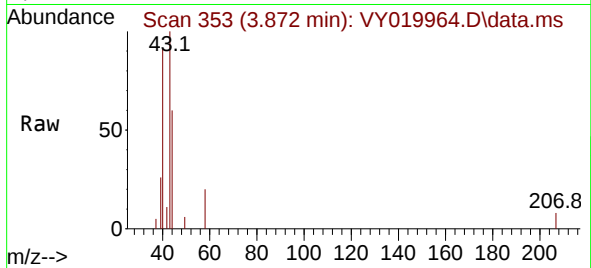




#16
Acetone
Concen: 5.102 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019964.D
Acq: 21 Oct 2024 15:45

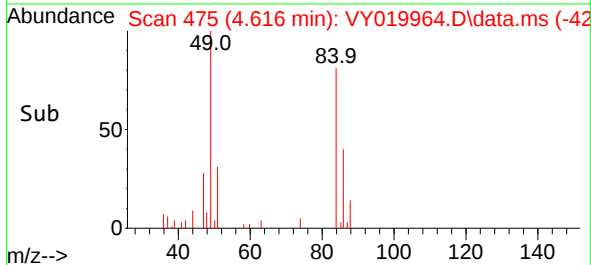
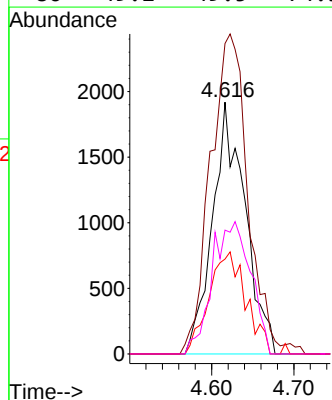
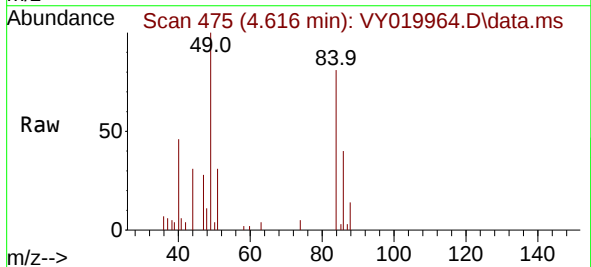
Instrument :
MSVOA_Y
ClientSampleId :

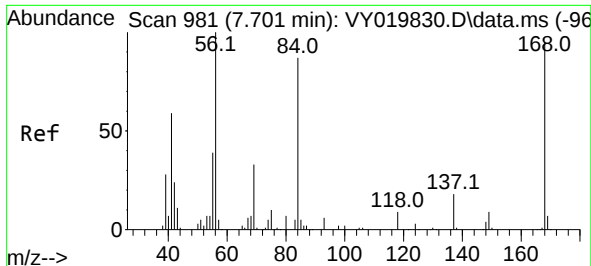
Tgt Ion: 43 Resp: 3502
Ion Ratio Lower Upper
43 100
58 20.2 31.7 47.5#



#20
Methylene Chloride
Concen: 1.295 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019964.D
Acq: 21 Oct 2024 15:45

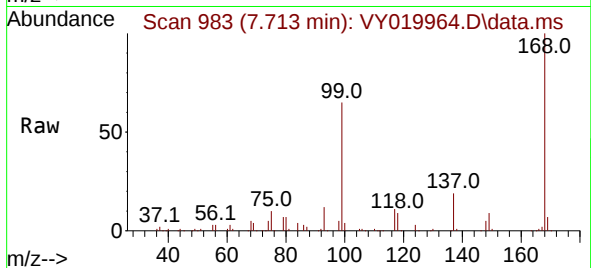
Tgt Ion: 84 Resp: 5275
Ion Ratio Lower Upper
84 100
49 120.0 84.4 126.6
51 37.7 26.0 39.0
86 49.2 49.5 74.3#



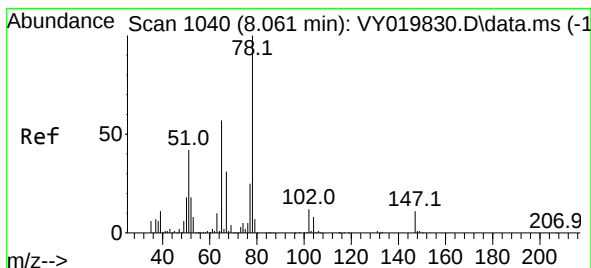
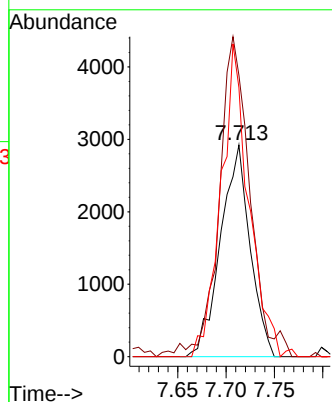
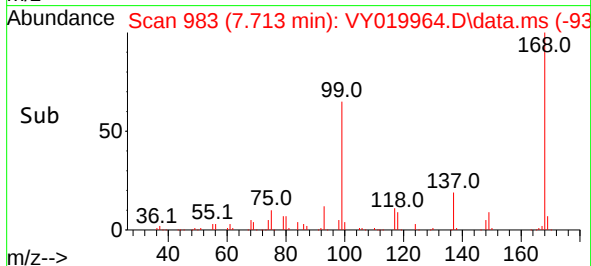


#31
Cyclohexane
Concen: 1.405 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY019964.D
Acq: 21 Oct 2024 15:45

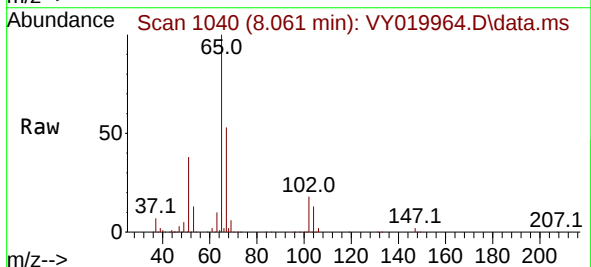
Instrument :
MSVOA_Y
ClientSampleId :



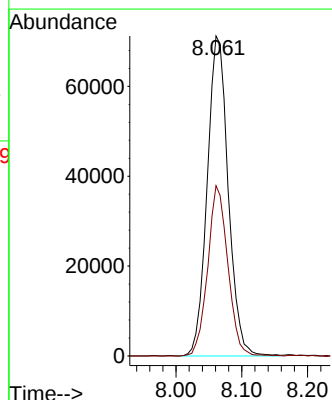
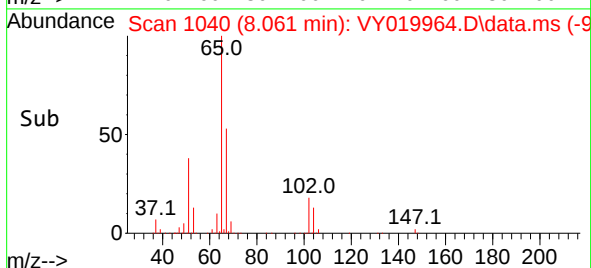
Tgt Ion: 56 Resp: 6189
Ion Ratio Lower Upper
56 100
69 126.7 28.7 43.1#
84 127.0 77.7 116.5#

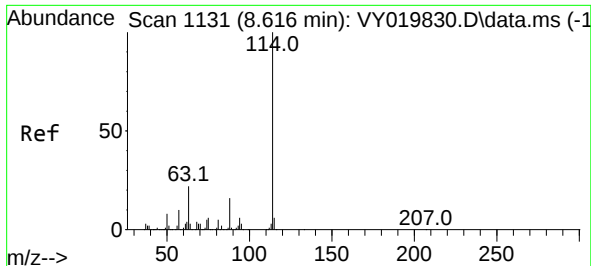


#33
1,2-Dichloroethane-d4
Concen: 60.005 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019964.D
Acq: 21 Oct 2024 15:45



Tgt Ion: 65 Resp: 158205
Ion Ratio Lower Upper
65 100
67 51.0 0.0 109.6

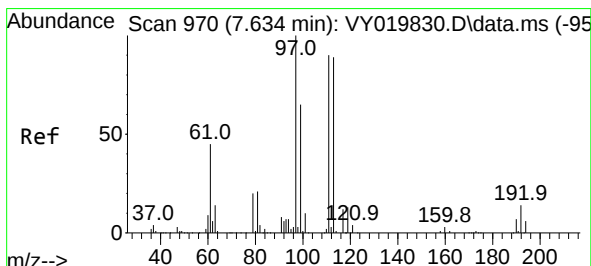
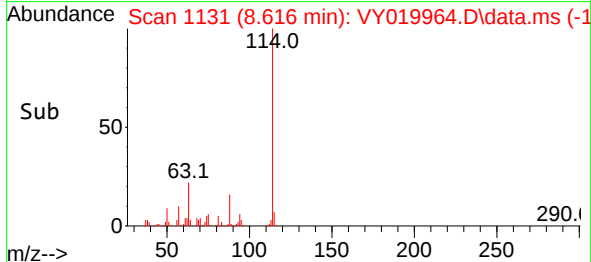
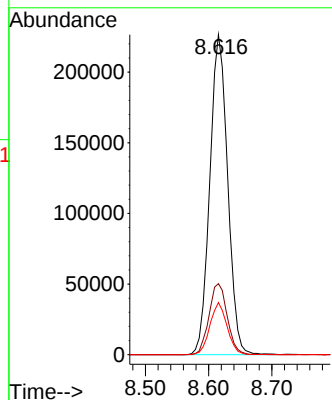
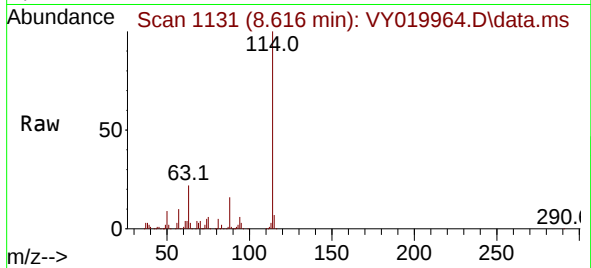




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019964.D
Acq: 21 Oct 2024 15:45

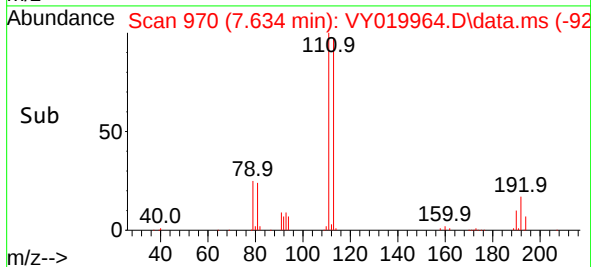
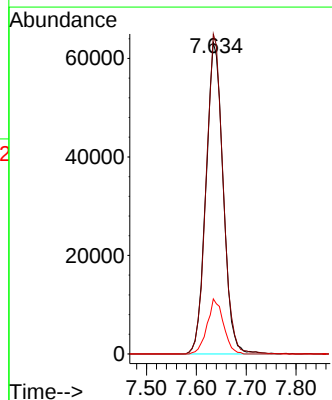
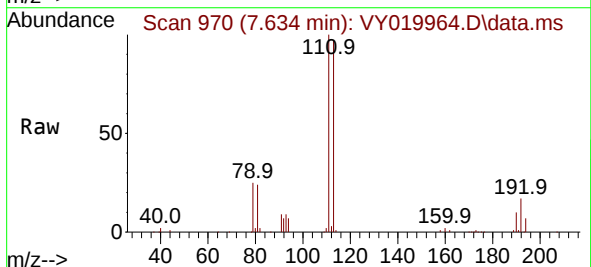
Instrument :
MSVOA_Y
ClientSampleId :

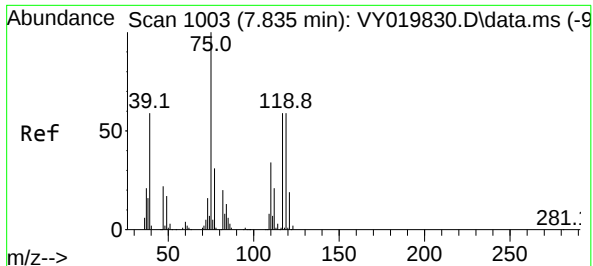
Tgt Ion:114 Resp: 444630
Ion Ratio Lower Upper
114 100
63 22.2 0.0 35.0
88 16.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.475 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019964.D
Acq: 21 Oct 2024 15:45

Tgt Ion:113 Resp: 151031
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 16.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.086 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

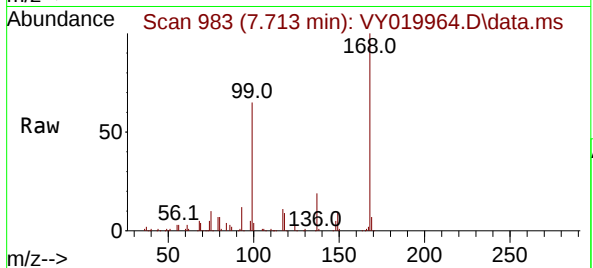
Lab File: VY019964.D

Acq: 21 Oct 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :



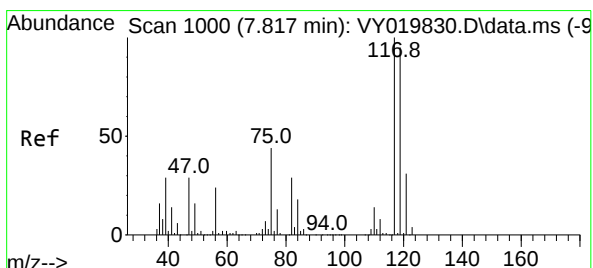
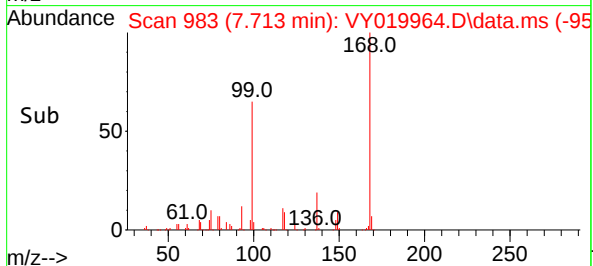
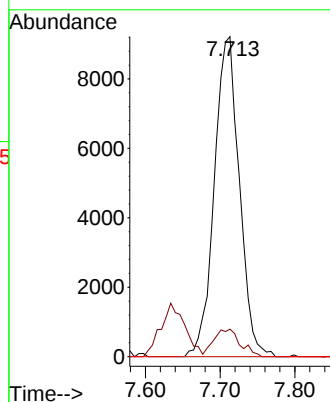
Tgt Ion: 75 Resp: 21498

Ion Ratio Lower Upper

75 100

110 9.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.094 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY019964.D

Acq: 21 Oct 2024 15:45

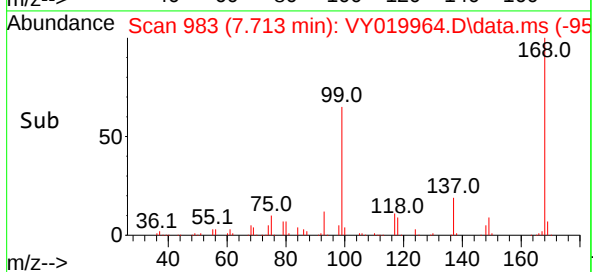
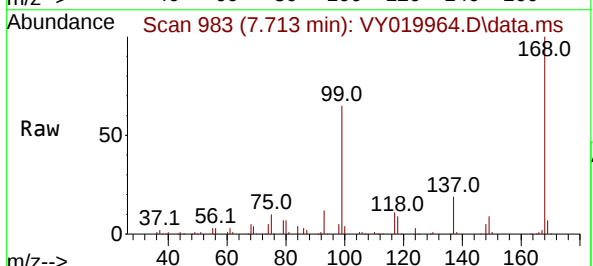
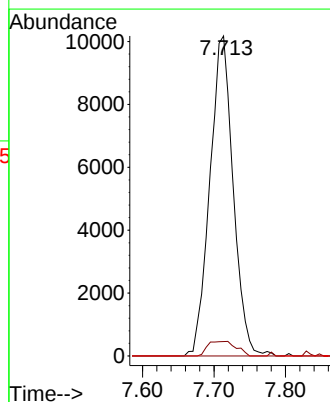
Tgt Ion: 117 Resp: 23085

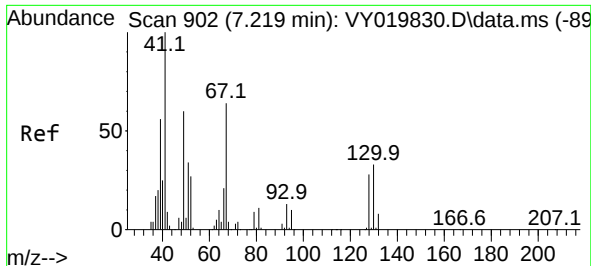
Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.6#

121 0.0 24.0 36.0#

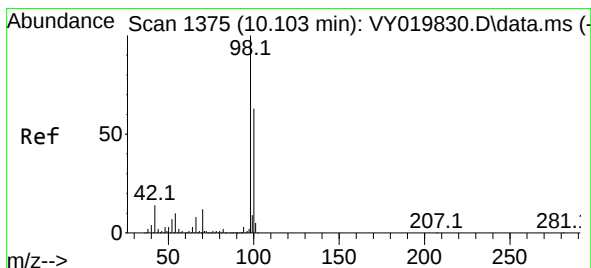
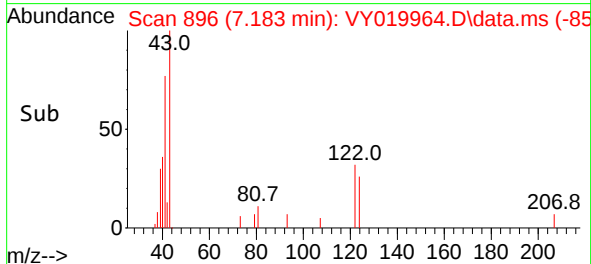
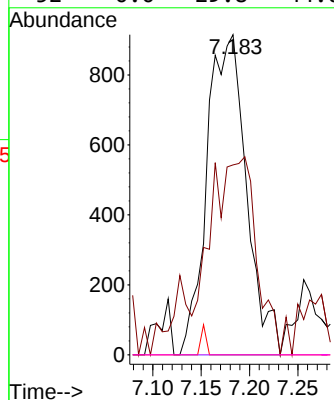
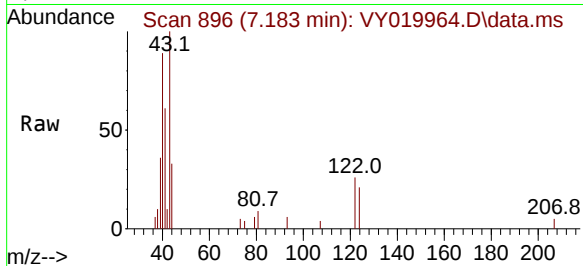




#41
Methacrylonitrile
Concen: 2.174 ug/l
RT: 7.183 min Scan# 896
Delta R.T. -0.036 min
Lab File: VY019964.D
Acq: 21 Oct 2024 15:45

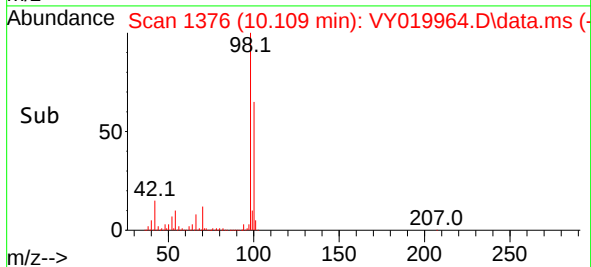
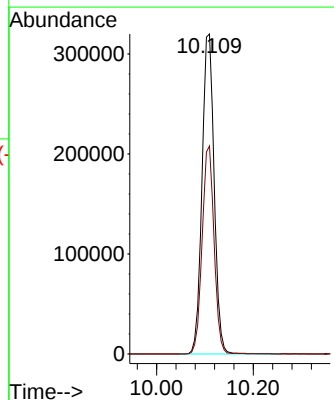
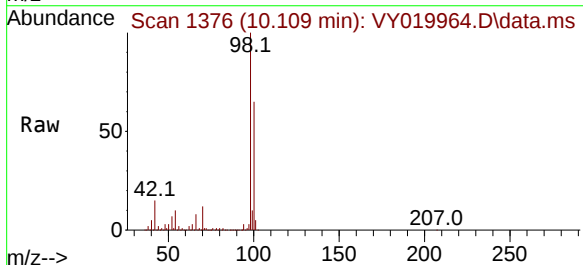
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41	Resp: 2594
Ion Ratio	Lower Upper
41 100	
39 71.5	48.0 72.0
67 0.0	75.1 112.7#
52 0.0	29.8 44.6#



#50
Toluene-d8
Concen: 51.391 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019964.D
Acq: 21 Oct 2024 15:45

Tgt Ion: 98	Resp: 556824
Ion Ratio	Lower Upper
98 100	
100 63.8	52.0 78.0

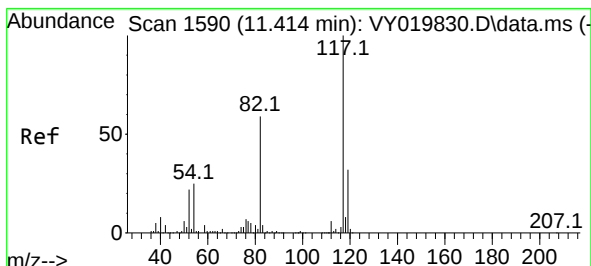
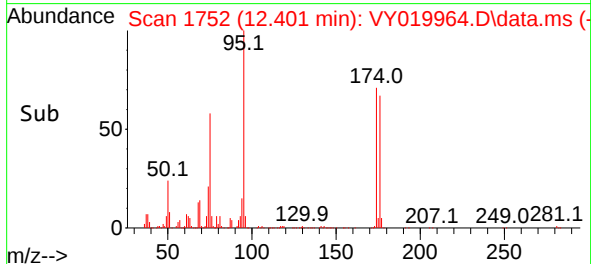
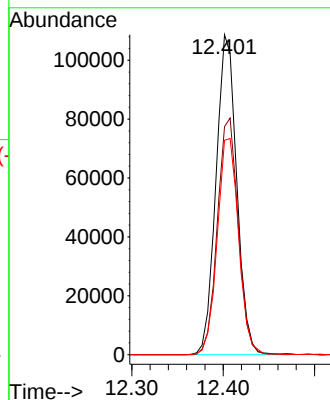
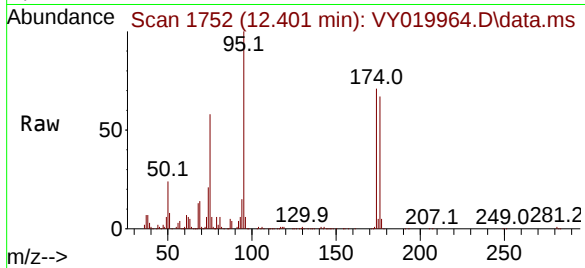




#62
4-Bromofluorobenzene
Concen: 43.712 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019964.D
Acq: 21 Oct 2024 15:45

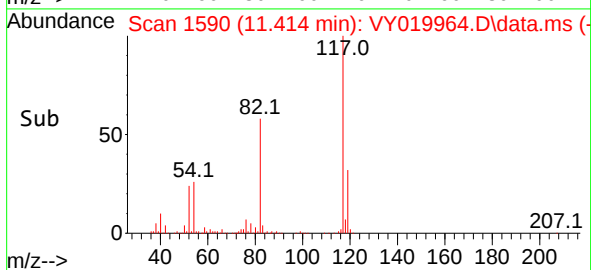
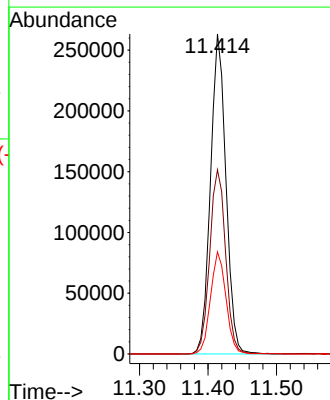
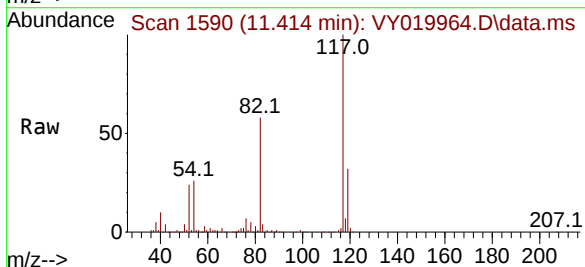
Instrument :
MSVOA_Y
ClientSampleId :

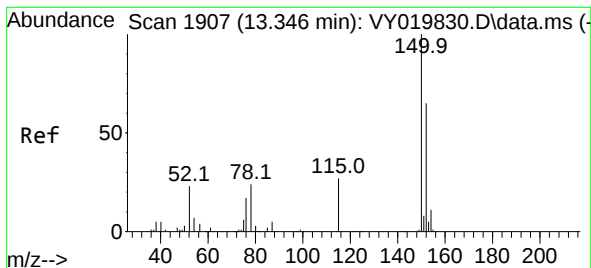
Tgt Ion: 95 Resp: 171135
Ion Ratio Lower Upper
95 100
174 74.7 0.0 175.6
176 69.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019964.D
Acq: 21 Oct 2024 15:45

Tgt Ion: 117 Resp: 412471
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 31.9 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: VY019964.D

Acq: 21 Oct 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

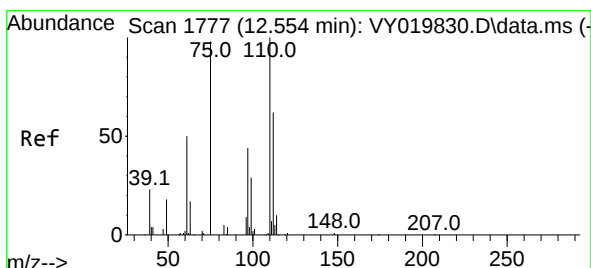
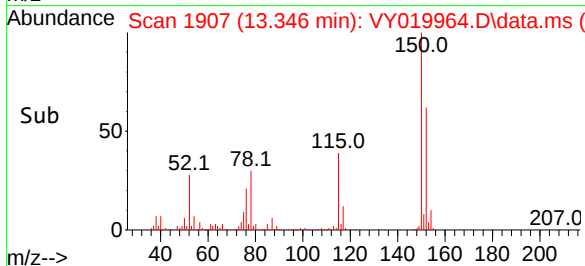
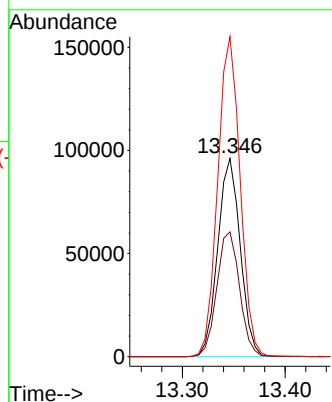
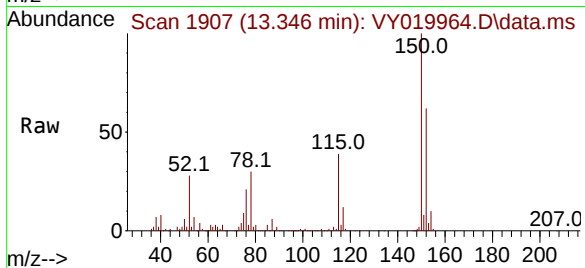
Tgt Ion:152 Resp: 145868

Ion Ratio Lower Upper

152 100

115 63.9 28.2 84.7

150 160.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 35.319 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019964.D

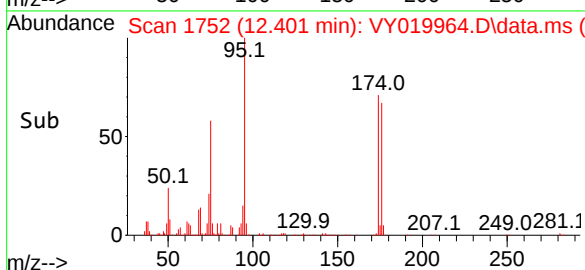
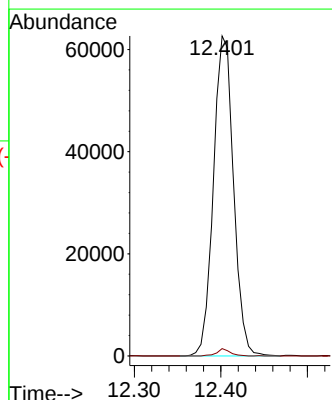
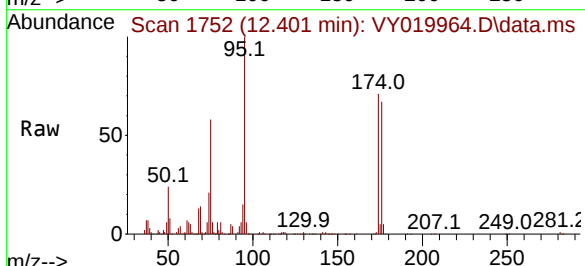
Acq: 21 Oct 2024 15:45

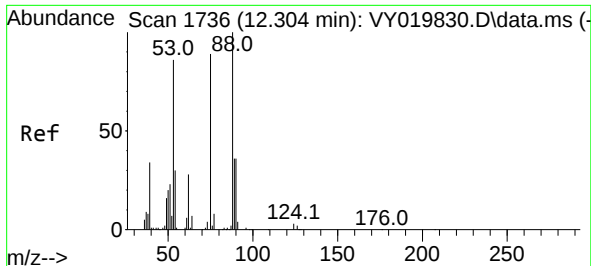
Tgt Ion: 75 Resp: 100924

Ion Ratio Lower Upper

75 100

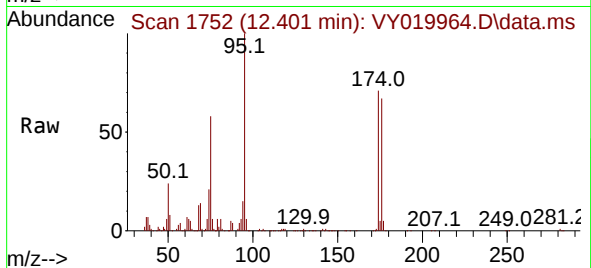
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 142.559 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019964.D
 Acq: 21 Oct 2024 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 100924
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 35.8 53.6#

