

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019404.D
 Acq On : 30 Aug 2024 18:33
 Operator : SY/MD
 Sample : P3741-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 23:18:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

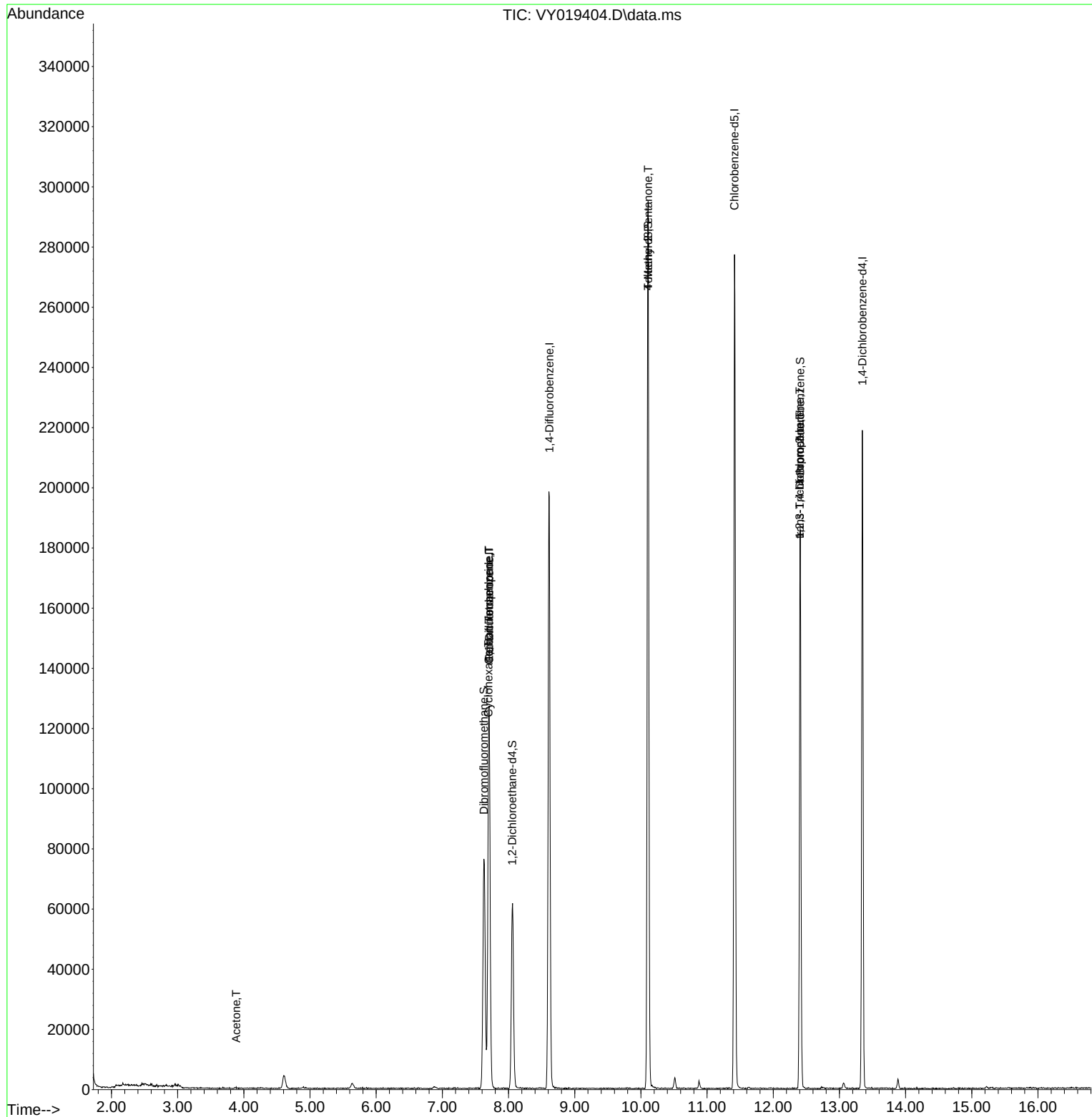
Internal Standards						
1) Pentafluorobenzene	7.707	168	102828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	177520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	152019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	50514	51.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.720%
35) Dibromofluoromethane	7.628	113	55153	49.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.280%
50) Toluene-d8	10.109	98	191246	46.289	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.580%
62) 4-Bromofluorobenzene	12.408	95	55820	41.772	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.540%
Target Compounds						
						Qvalue
5) Bromomethane	2.592	94	48	Below Cal	#	3
16) Acetone	3.885	43	321	1.676	ug/l #	36
20) Methylene Chloride	4.604	84	3218	Below Cal		95
31) Cyclohexane	7.695	56	2096	1.265	ug/l #	11
36) 1,1-Dichloropropene	7.707	75	7815	4.927	ug/l #	48
38) Carbon Tetrachloride	7.701	117	10183	5.268	ug/l #	17
51) 4-Methyl-2-Pentanone	10.109	43	846	1.319	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	29621	63.359	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	29621	156.755	ug/l #	16

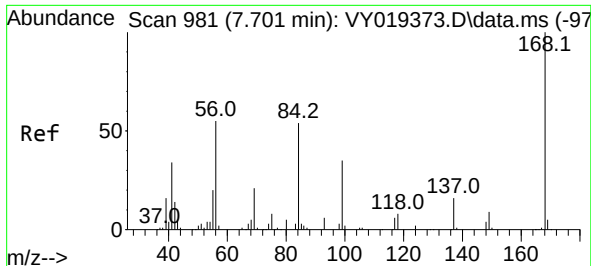
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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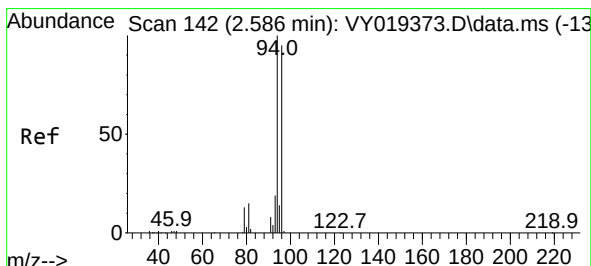
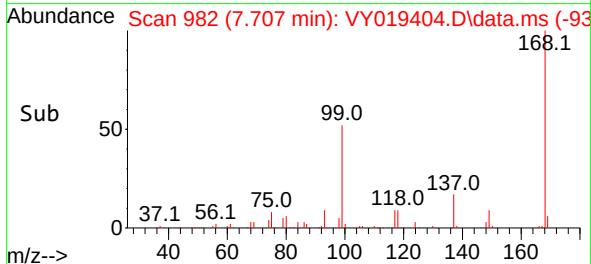
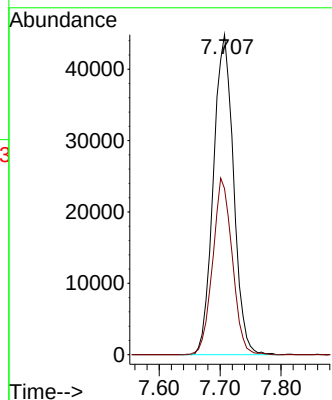
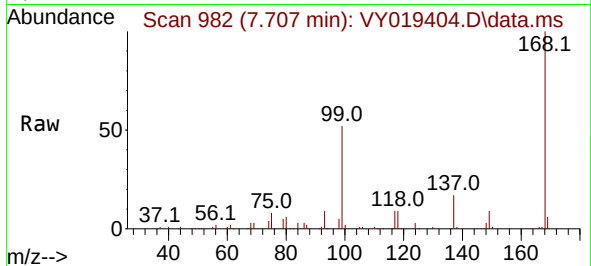




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

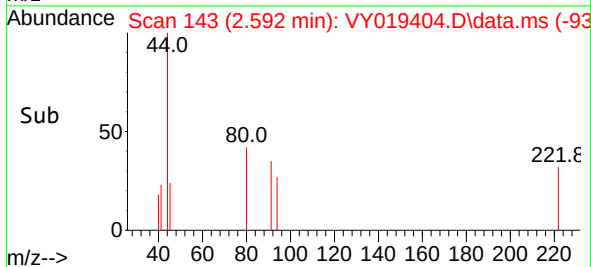
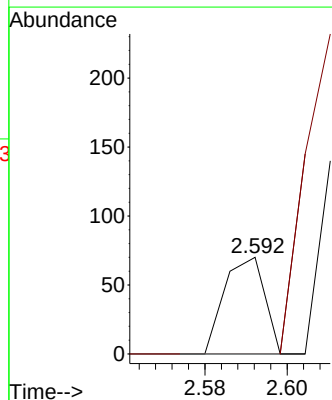
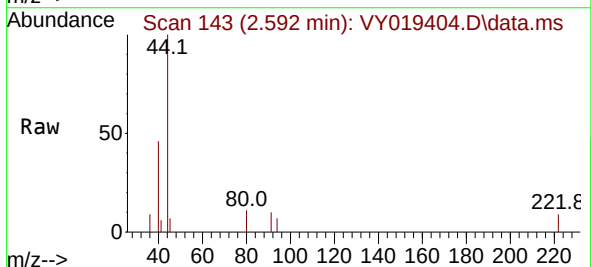
Instrument :
MSVOA_Y
ClientSampleId :

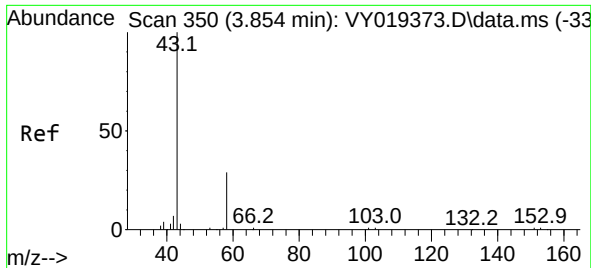
Tgt Ion:168 Resp: 102828
Ion Ratio Lower Upper
168 100
99 51.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

Tgt Ion: 94 Resp: 48
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#16

Acetone

Concen: 1.676 ug/l

RT: 3.885 min Scan# 31

Delta R.T. 0.030 min

Lab File: VY019404.D

Acq: 30 Aug 2024 18:33

Instrument :

MSVOA_Y

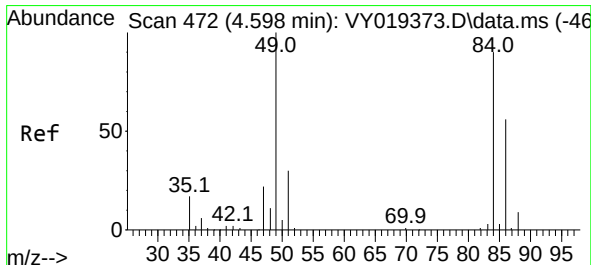
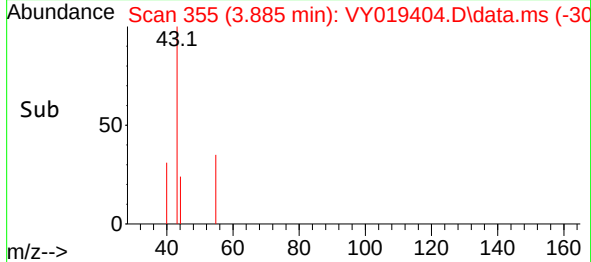
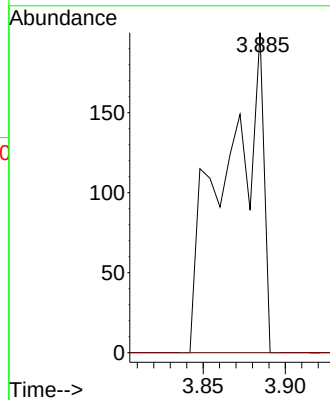
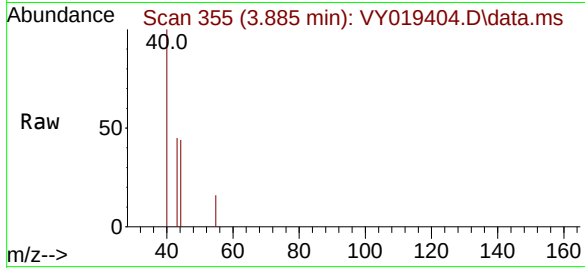
ClientSampleId :

Tgt Ion: 43 Resp: 321

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. 0.006 min

Lab File: VY019404.D

Acq: 30 Aug 2024 18:33

Tgt Ion: 84 Resp: 3218

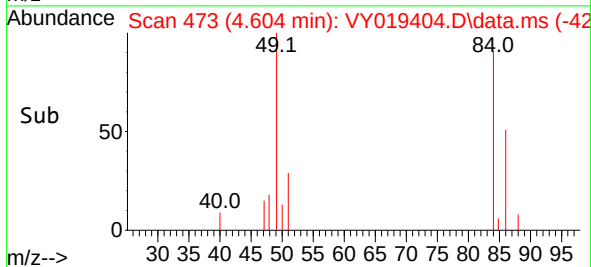
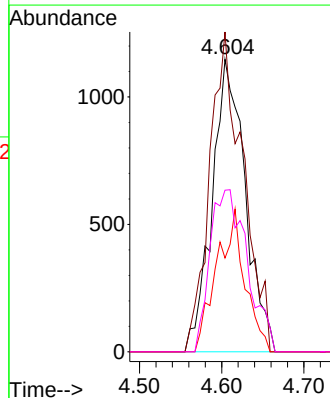
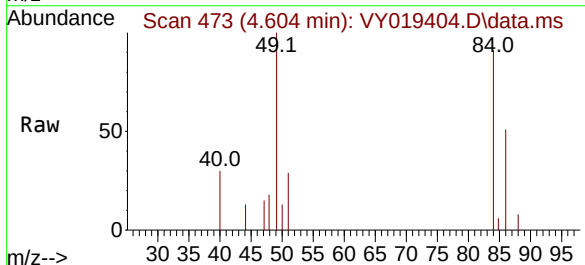
Ion Ratio Lower Upper

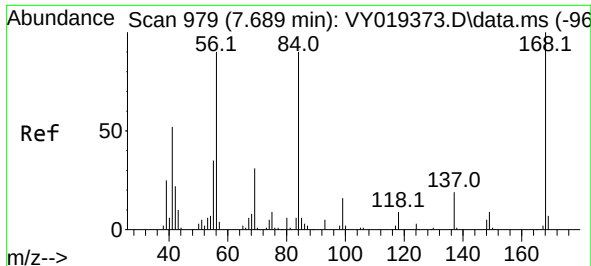
84 100

49 109.3 84.4 126.6

51 32.1 26.0 39.0

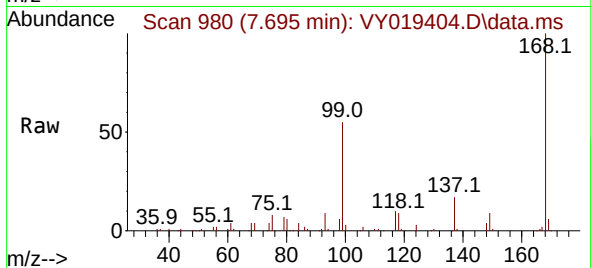
86 55.2 49.5 74.3



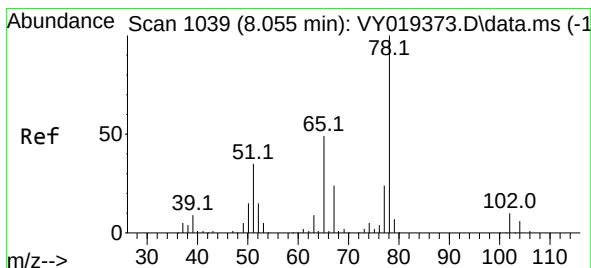
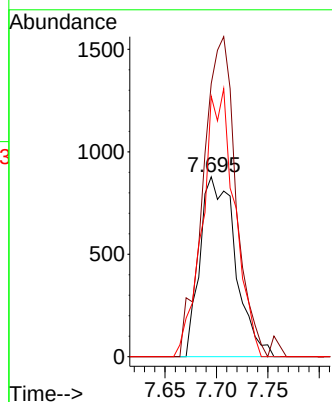
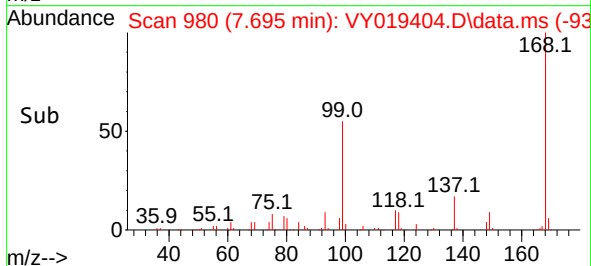


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

Instrument :
MSVOA_Y
ClientSampleId :

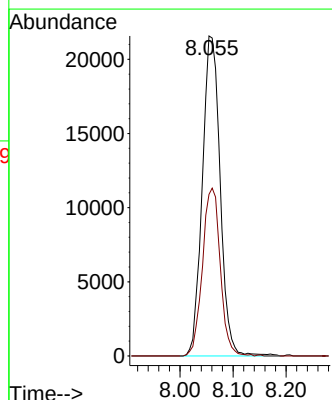
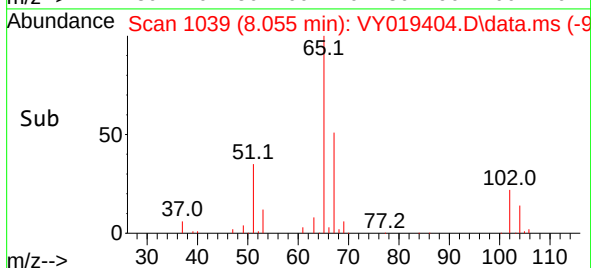
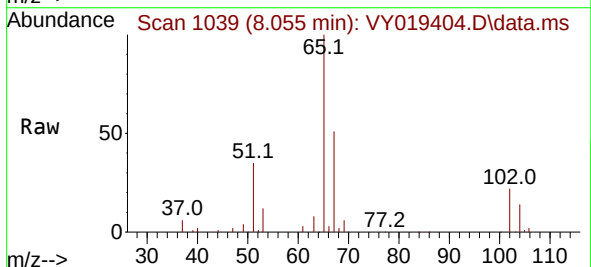


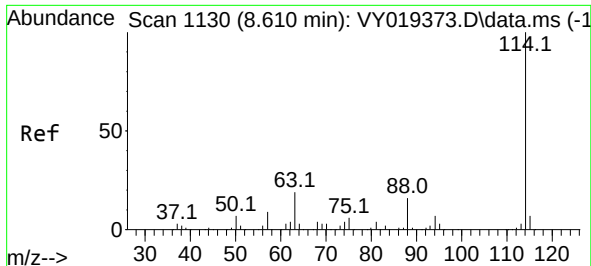
Tgt Ion: 56 Resp: 2096
Ion Ratio Lower Upper
56 100
69 151.8 28.7 43.1#
84 144.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.864 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

Tgt Ion: 65 Resp: 50514
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019404.D

Acq: 30 Aug 2024 18:33

Instrument :

MSVOA_Y

ClientSampleId :

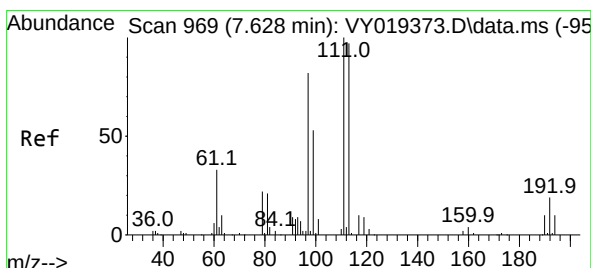
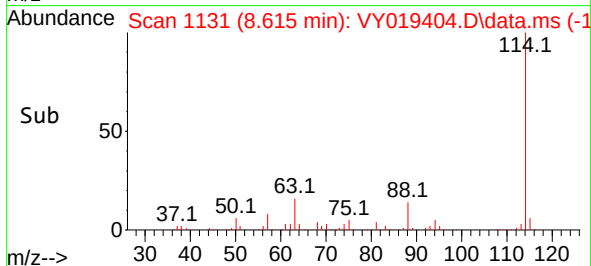
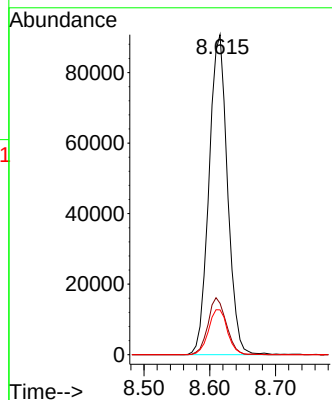
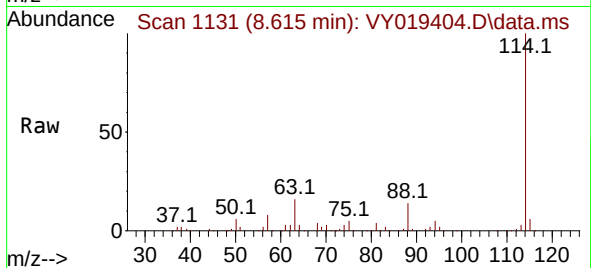
Tgt Ion:114 Resp: 177520

Ion Ratio Lower Upper

114 100

63 16.1 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.141 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY019404.D

Acq: 30 Aug 2024 18:33

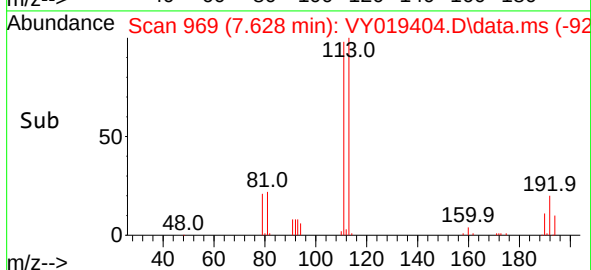
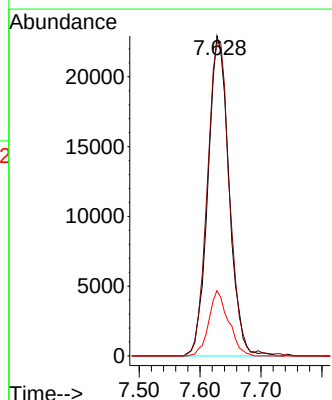
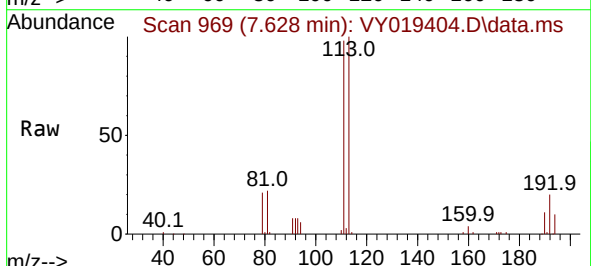
Tgt Ion:113 Resp: 55153

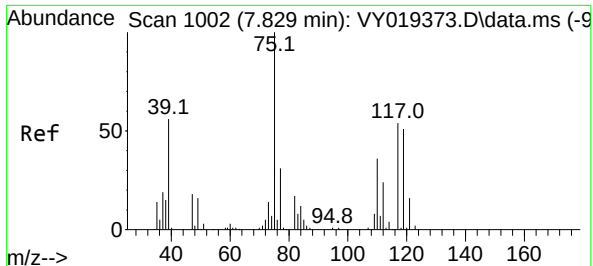
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 19.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.927 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.122 min

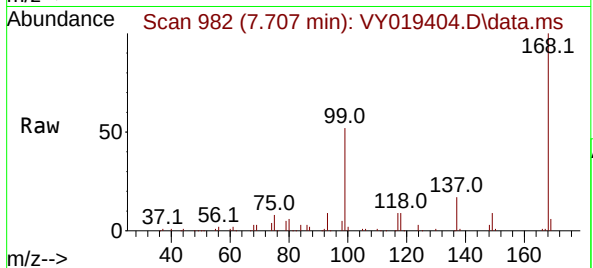
Lab File: VY019404.D

Acq: 30 Aug 2024 18:33

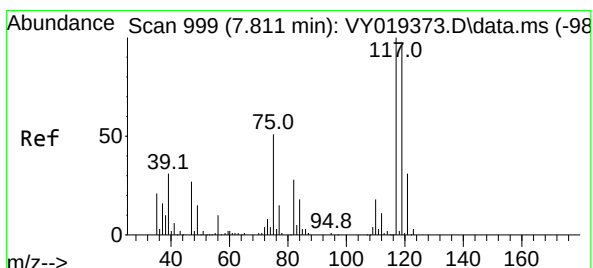
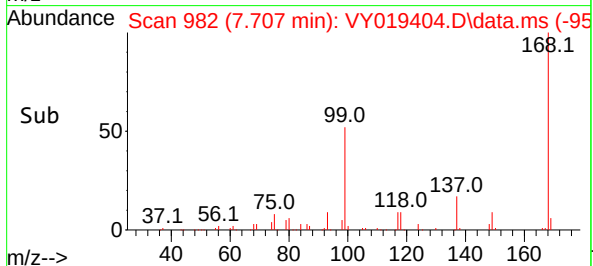
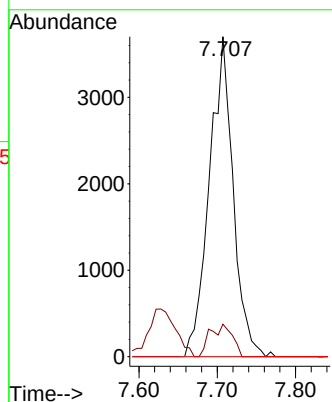
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 7815
Ion Ratio	Lower Upper
75 100	
110 9.5	19.0 57.0#
77 0.0	25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.268 ug/l

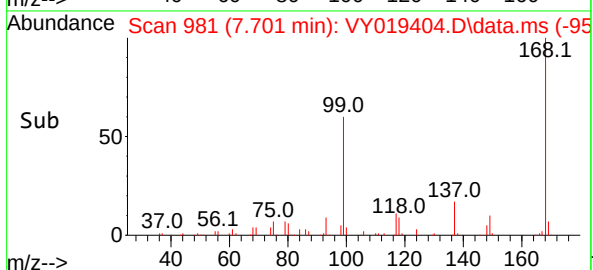
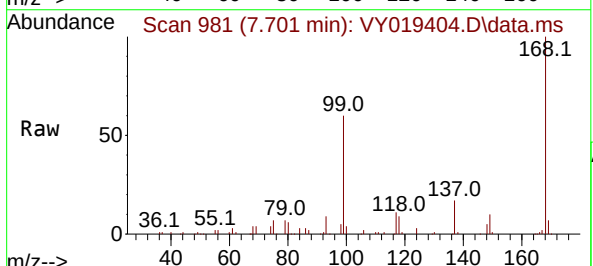
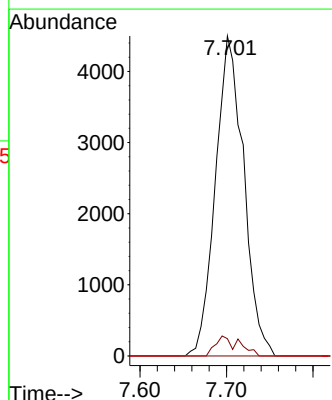
RT: 7.701 min Scan# 981

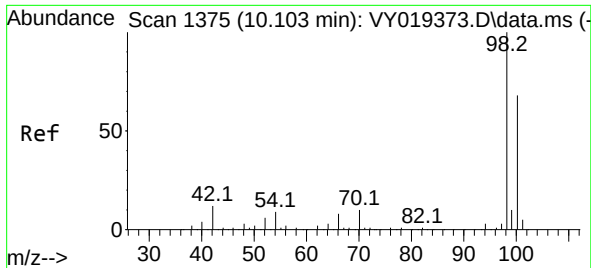
Delta R.T. -0.110 min

Lab File: VY019404.D

Acq: 30 Aug 2024 18:33

Tgt Ion: 117	Resp: 10183
Ion Ratio	Lower Upper
117 100	
119 5.4	75.8 113.6#
121 0.0	24.0 36.0#

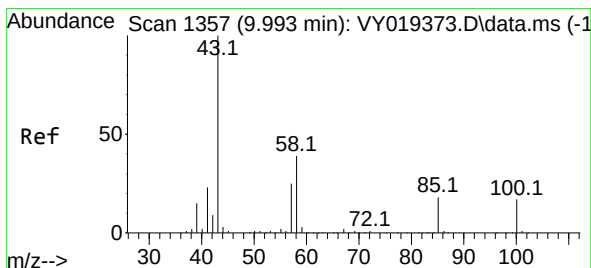
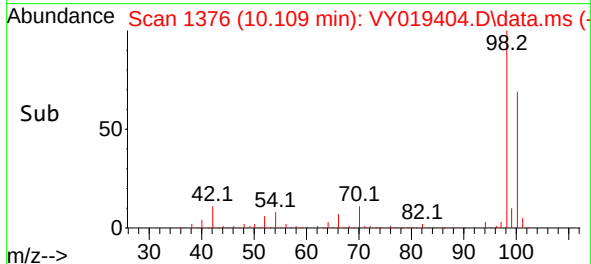
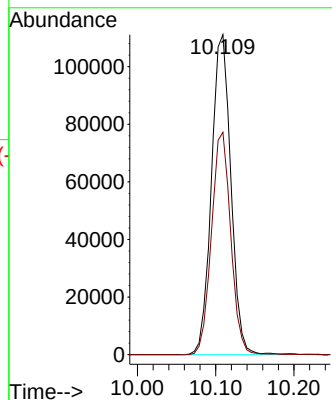
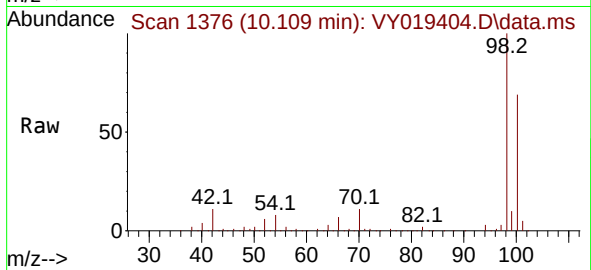




#50
Toluene-d8
Concen: 46.289 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

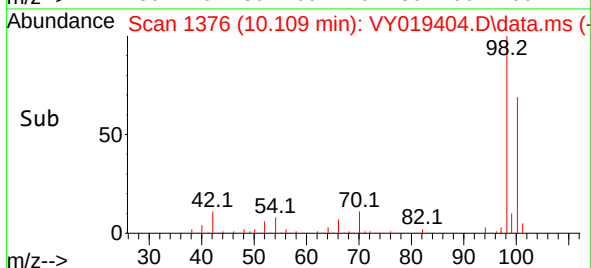
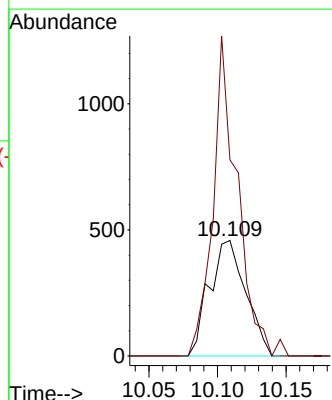
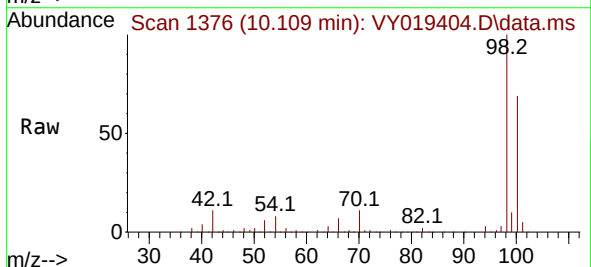
Instrument :
MSVOA_Y
ClientSampleId :

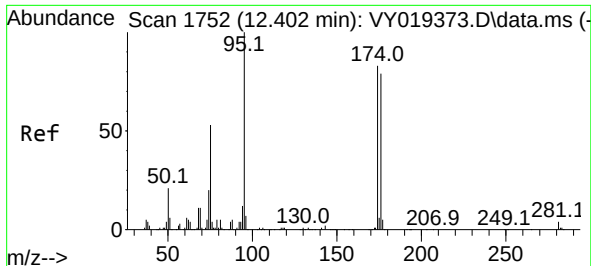
Tgt Ion: 98 Resp: 191246
Ion Ratio Lower Upper
98 100
100 69.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.319 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.116 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 186.1 35.7 53.5#

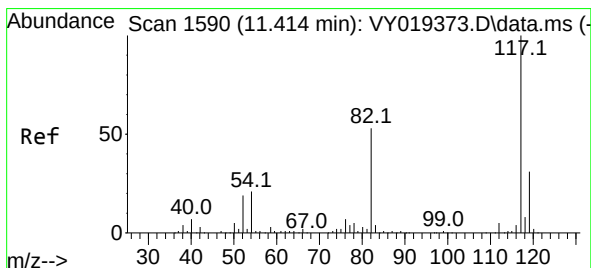
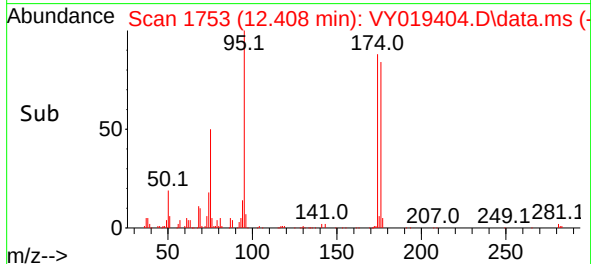
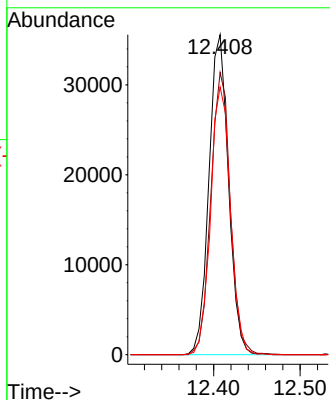
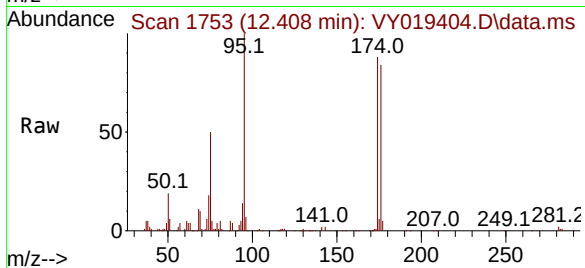




#62
4-Bromofluorobenzene
Concen: 41.772 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

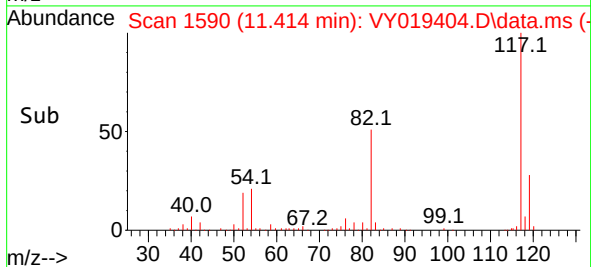
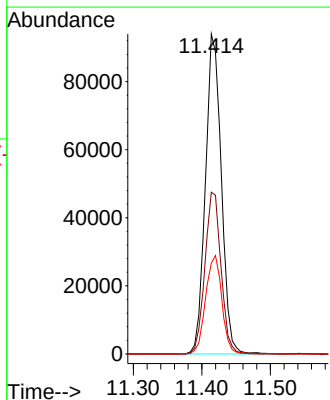
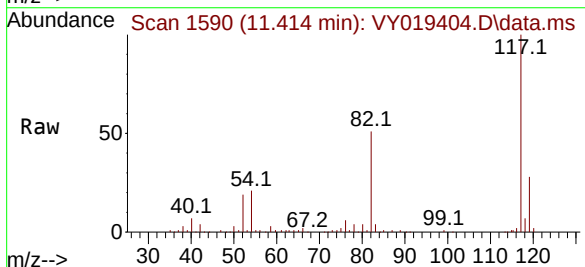
Instrument :
MSVOA_Y
ClientSampleId :

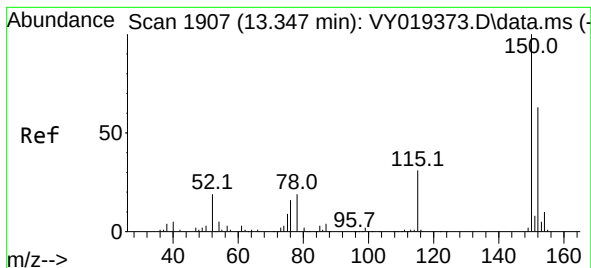
Tgt Ion:	95	Resp:	55820
Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	175.6
176	85.1	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY019404.D
Acq: 30 Aug 2024 18:33

Tgt Ion:	117	Resp:	152019
Ion	Ratio	Lower	Upper
117	100		
82	50.5	42.4	63.6
119	28.4	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: VY019404.D

Acq: 30 Aug 2024 18:33

Instrument :

MSVOA_Y

ClientSampleId :

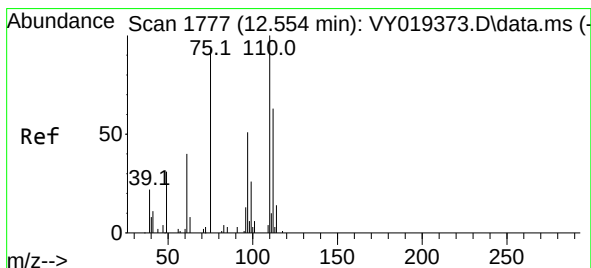
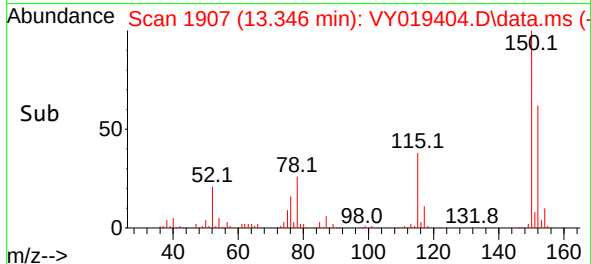
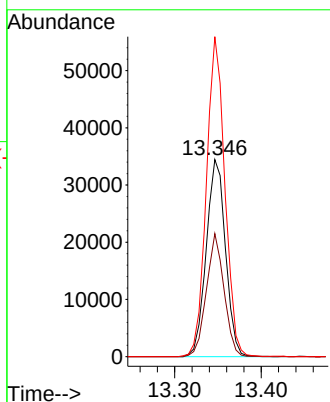
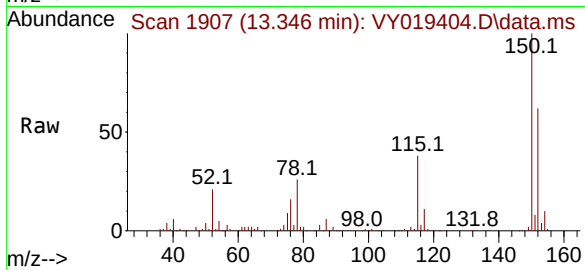
Tgt Ion:152 Resp: 53235

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 155.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 63.359 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.153 min

Lab File: VY019404.D

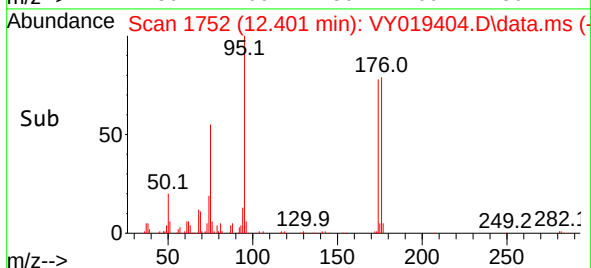
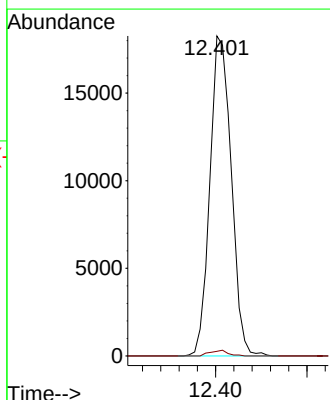
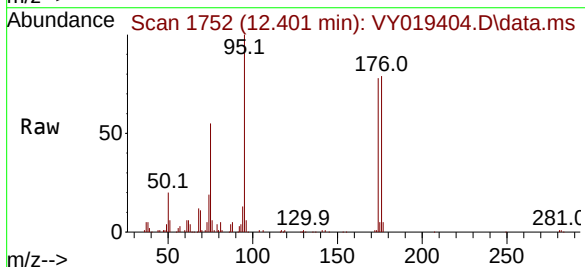
Acq: 30 Aug 2024 18:33

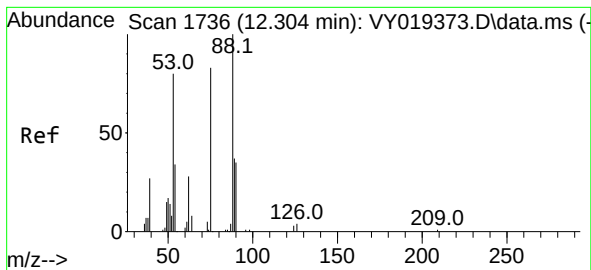
Tgt Ion: 75 Resp: 29621

Ion Ratio Lower Upper

75 100

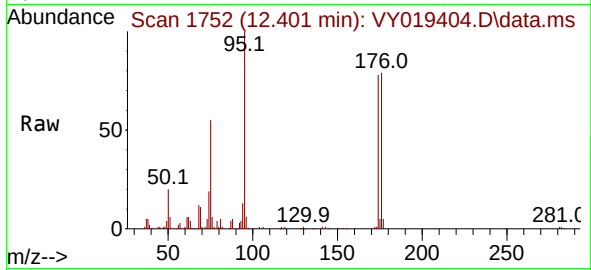
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 156.755 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY019404.D
 Acq: 30 Aug 2024 18:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	29621
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

