

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018244.D
 Acq On : 13 May 2024 16:12
 Operator : SY/MD
 Sample : P2466-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 14 02:29:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

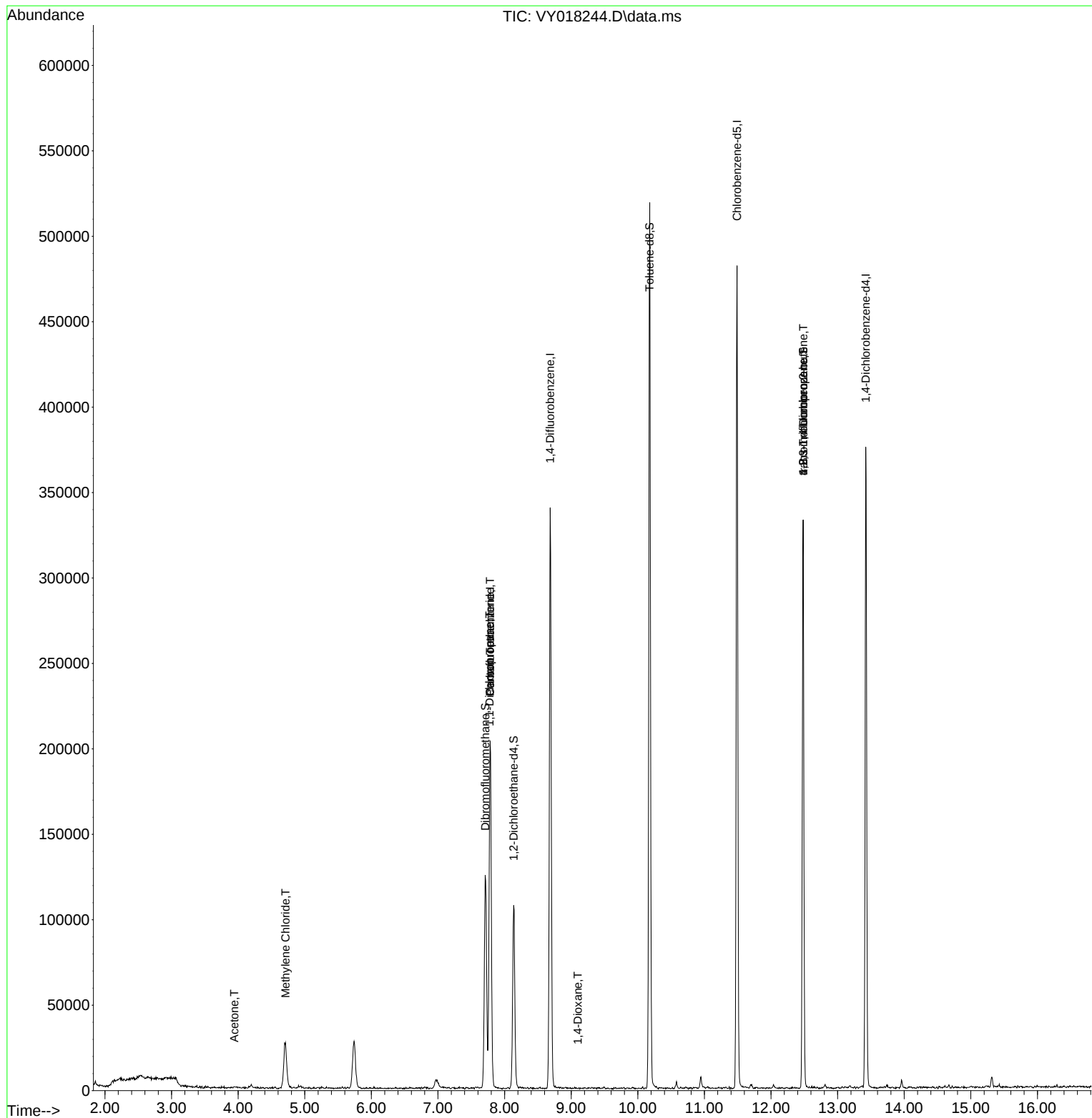
Internal Standards						
1) Pentafluorobenzene	7.783	168	165445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	309461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	101504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78234	64.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.560%	
35) Dibromofluoromethane	7.710	113	91434	56.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.440%	
50) Toluene-d8	10.179	98	346814	54.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.220%	
62) 4-Bromofluorobenzene	12.483	95	102848	49.692	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	207	Below Cal	#	88
13) Acrolein	3.747	56	117	Below Cal		96
16) Acetone	3.942	43	1399	5.760	ug/l #	76
20) Methylene Chloride	4.710	84	21265	12.386	ug/l #	94
31) Cyclohexane	7.783	56	3289	Below Cal	#	2
36) 1,1-Dichloropropene	7.777	75	12076	5.179	ug/l #	49
38) Carbon Tetrachloride	7.783	117	15322	6.014	ug/l #	18
49) 1,4-Dioxane	9.100	88	62	4.955	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	52371	64.459	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52371	124.190	ug/l #	16

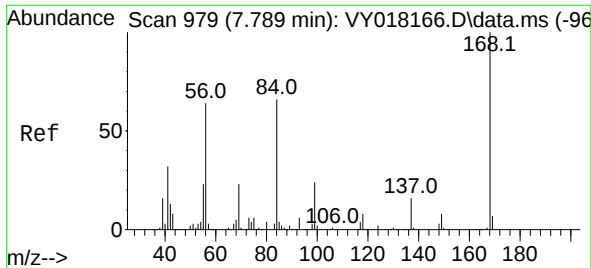
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_Y\Data\VY051324\
Data File : VY018244.D
Acq On : 13 May 2024 16:12
Operator : SY/MD
Sample : P2466-01
Misc : 5.03g/5.0mL/MSV0A_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSV0A_Y
ClientSampleId :

Quant Time: May 14 02:29:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

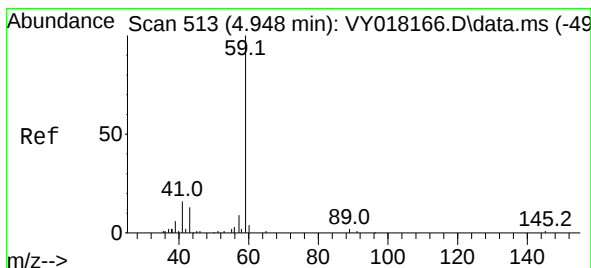
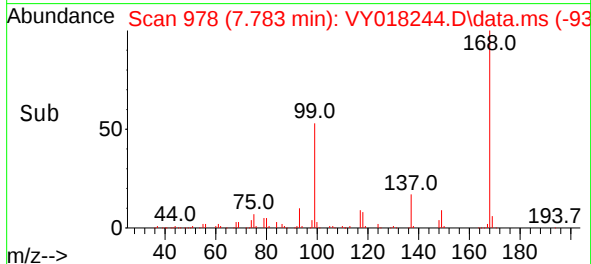
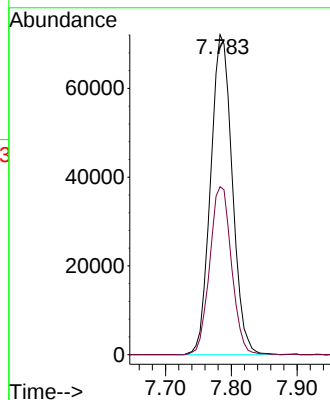
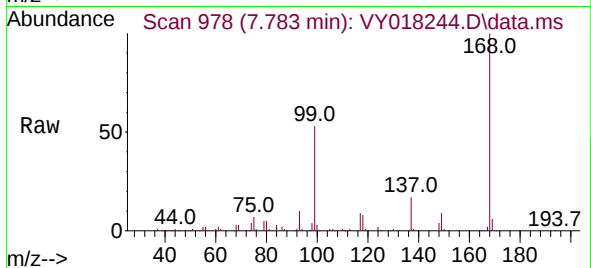




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018244.D
Acq: 13 May 2024 16:12

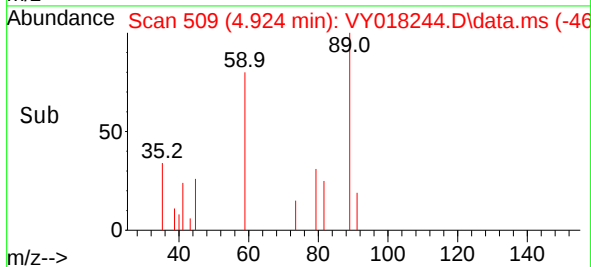
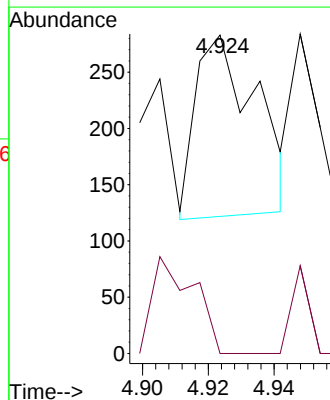
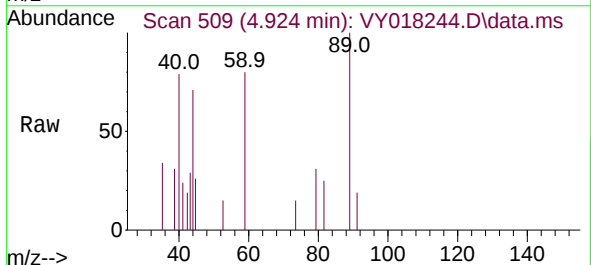
Instrument :
MSVOA_Y
ClientSampleId :

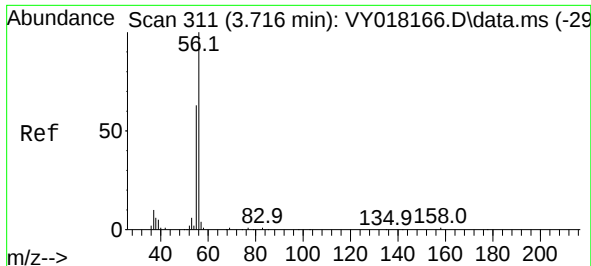
Tgt Ion:168 Resp: 165445
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY018244.D
Acq: 13 May 2024 16:12

Tgt Ion: 59 Resp: 207
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#13

Acrolein

Concen: Below Cal

RT: 3.747 min Scan# 311

Delta R.T. 0.031 min

Lab File: VY018244.D

Acq: 13 May 2024 16:12

Instrument :

MSVOA_Y

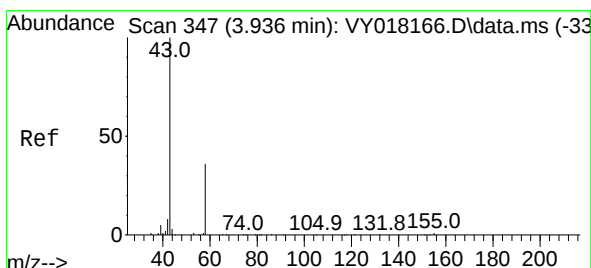
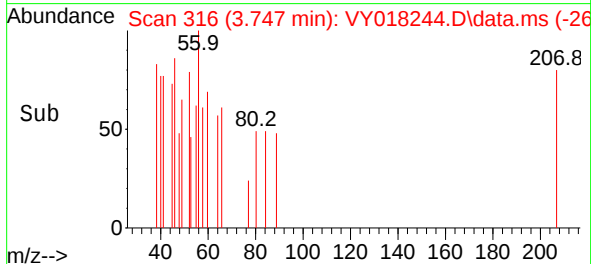
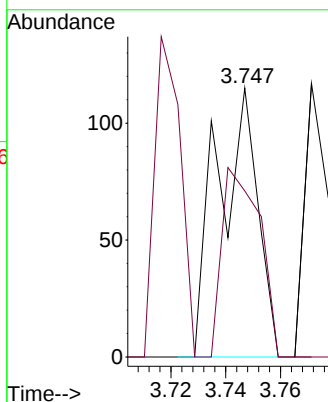
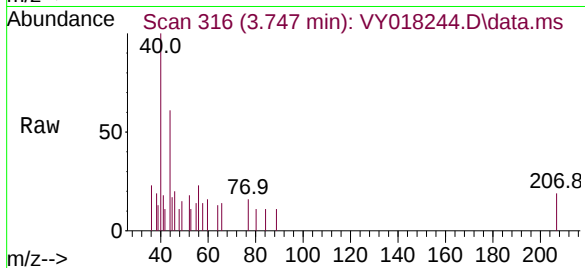
ClientSampleId :

Tgt Ion: 56 Resp: 117

Ion Ratio Lower Upper

56 100

55 66.7 55.7 83.5



#16

Acetone

Concen: 5.760 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY018244.D

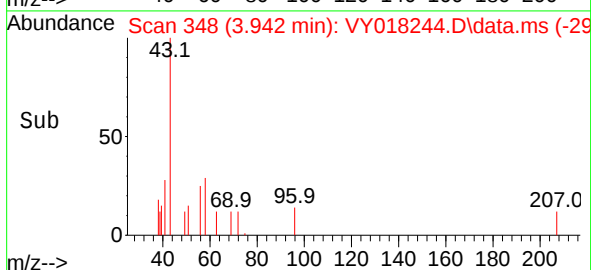
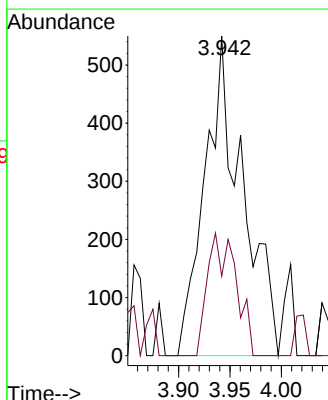
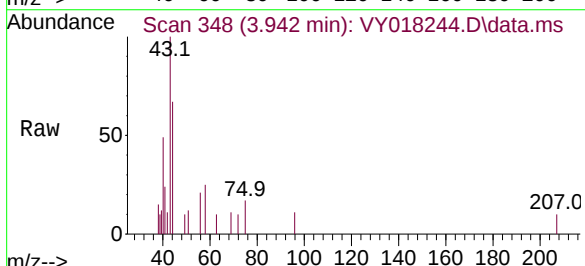
Acq: 13 May 2024 16:12

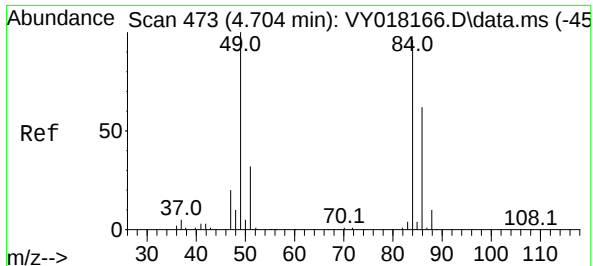
Tgt Ion: 43 Resp: 1399

Ion Ratio Lower Upper

43 100

58 24.9 31.7 47.5#





#20

Methylene Chloride

Concen: 12.386 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY018244.D

Acq: 13 May 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 21265

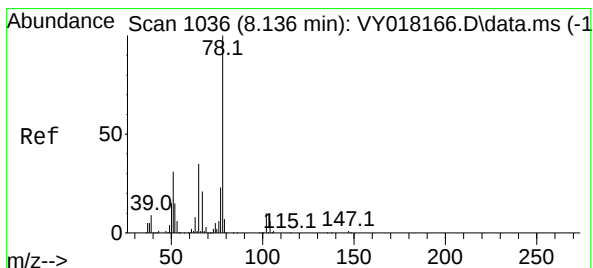
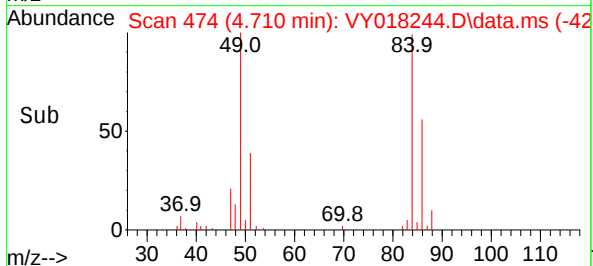
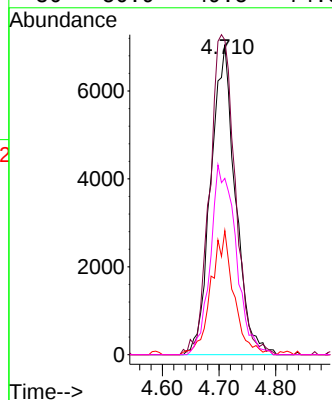
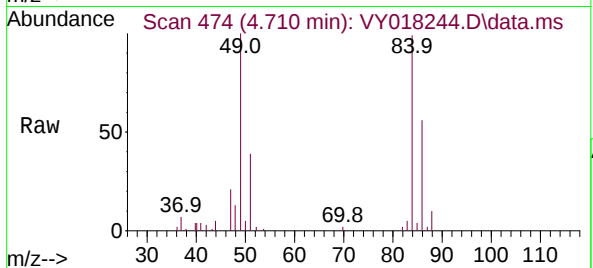
Ion Ratio Lower Upper

84 100

49 101.5 84.4 126.6

51 40.0 26.0 39.0#

86 56.9 49.5 74.3



#33

1,2-Dichloroethane-d4

Concen: 64.278 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018244.D

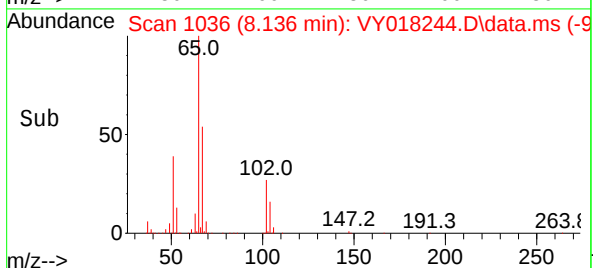
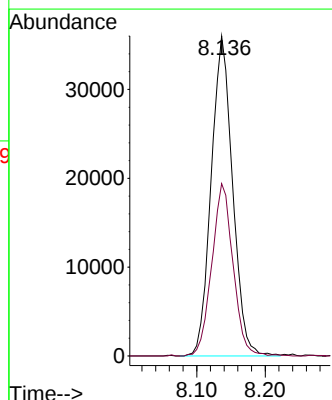
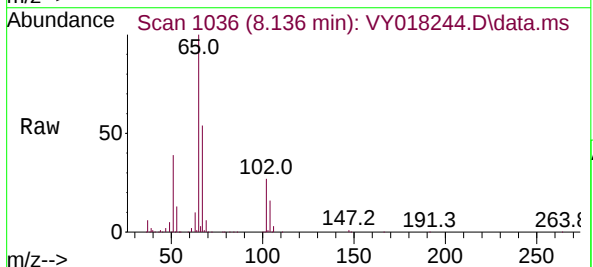
Acq: 13 May 2024 16:12

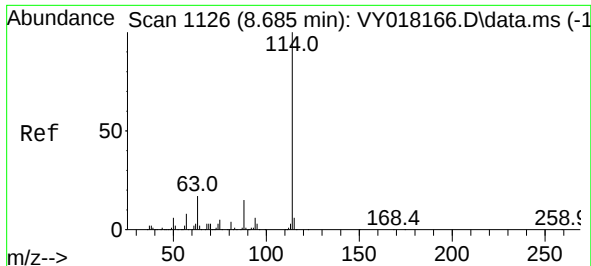
Tgt Ion: 65 Resp: 78234

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

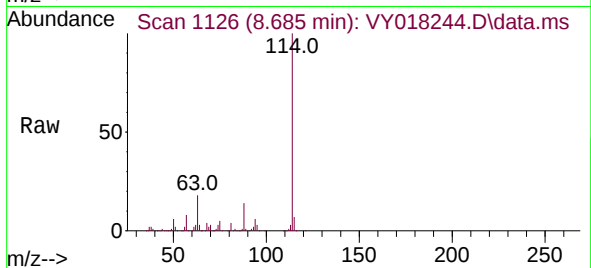
Lab File: VY018244.D

Acq: 13 May 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :



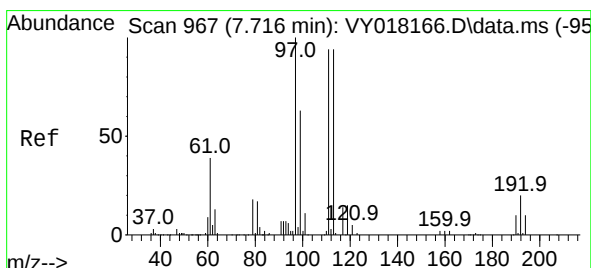
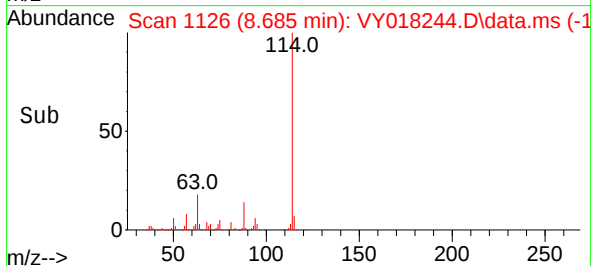
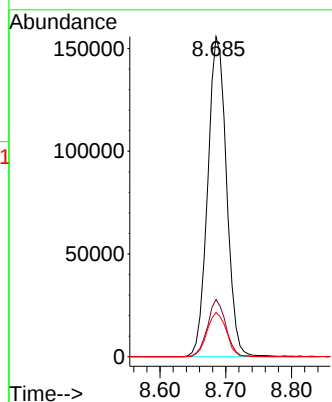
Tgt Ion:114 Resp: 309461

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 56.220 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018244.D

Acq: 13 May 2024 16:12

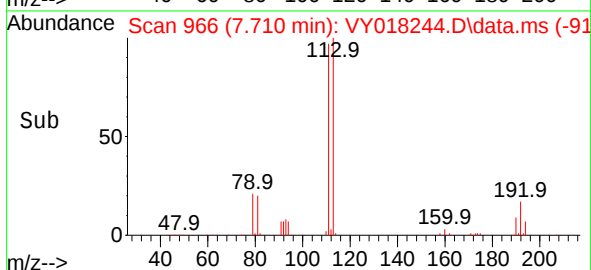
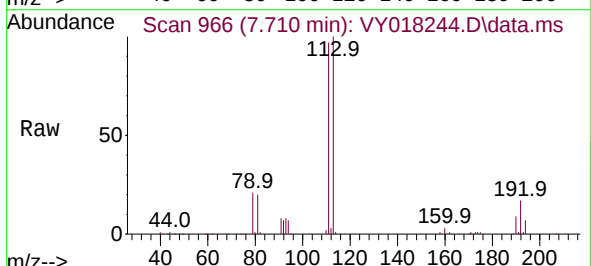
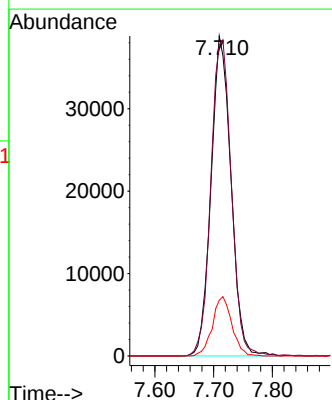
Tgt Ion:113 Resp: 91434

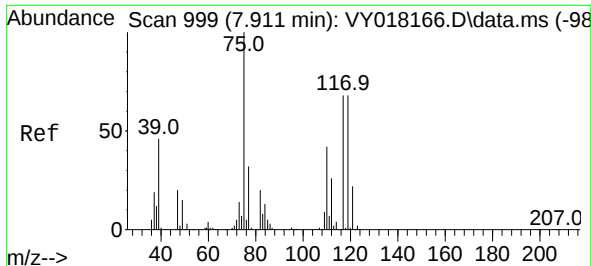
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 18.1 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.179 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018244.D

Acq: 13 May 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :

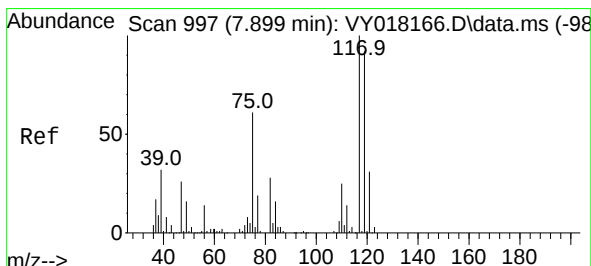
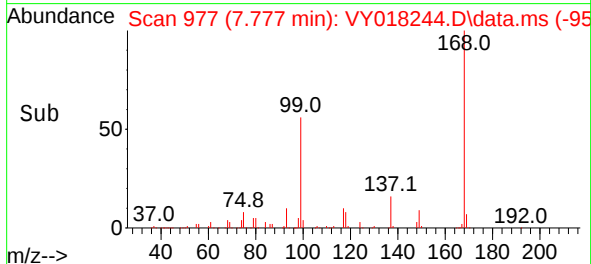
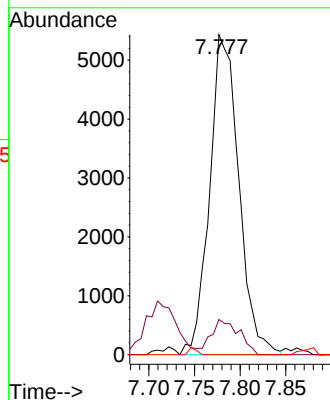
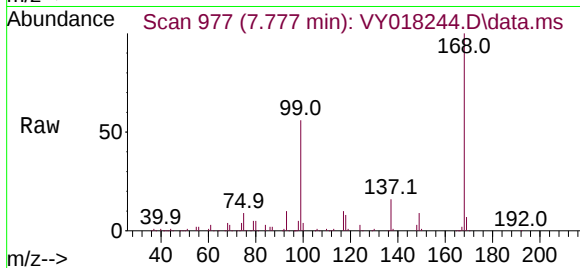
Tgt Ion: 75 Resp: 12076

Ion Ratio Lower Upper

75 100

110 10.6 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.014 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY018244.D

Acq: 13 May 2024 16:12

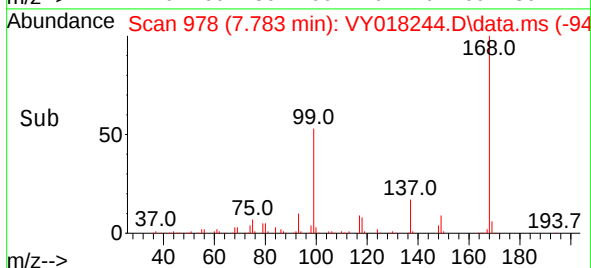
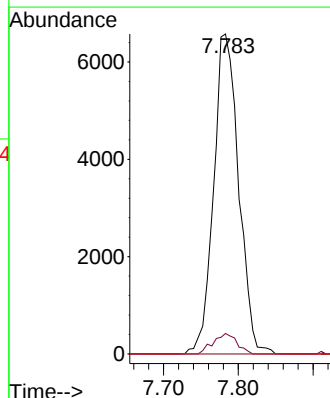
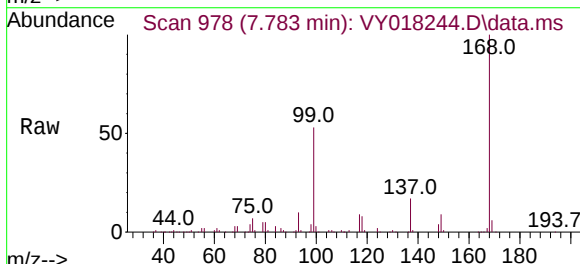
Tgt Ion: 117 Resp: 15322

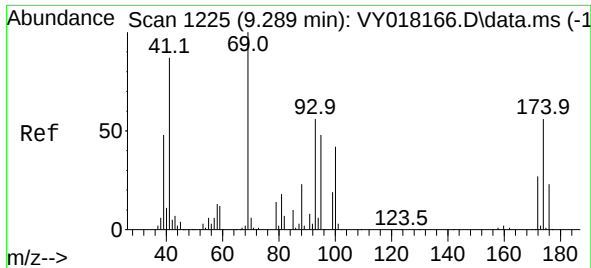
Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

121 0.0 24.0 36.0#

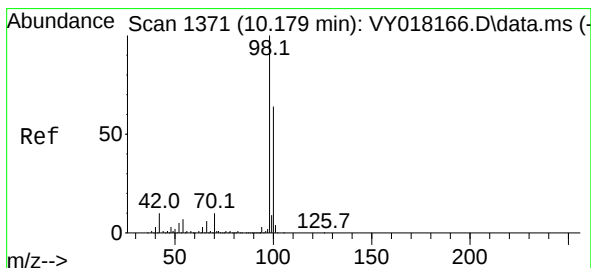
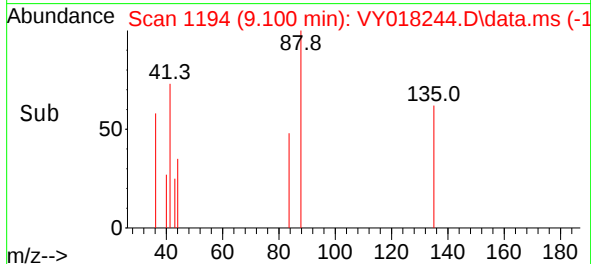
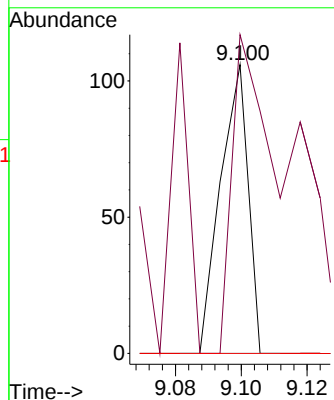
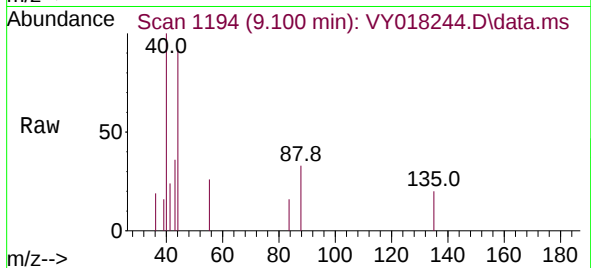




#49
1,4-Dioxane
Concen: 4.955 ug/l
RT: 9.100 min Scan# 1194
Delta R.T. -0.189 min
Lab File: VY018244.D
Acq: 13 May 2024 16:12

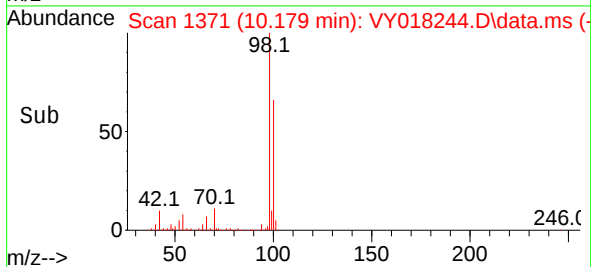
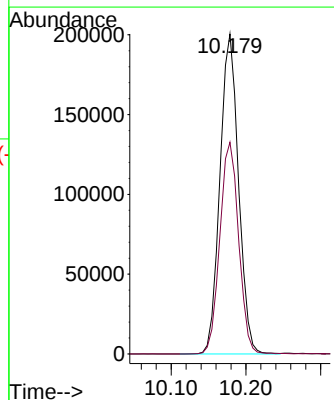
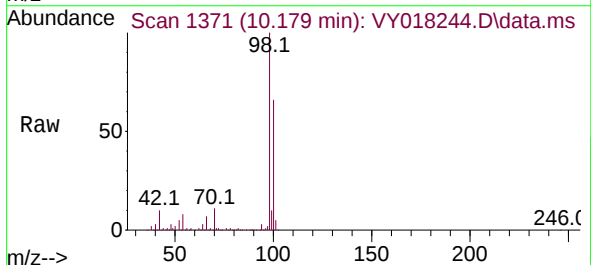
Instrument :
MSVOA_Y
ClientSampleId :

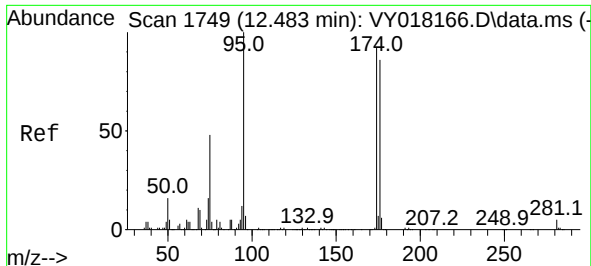
Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 238.7 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 54.115 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018244.D
Acq: 13 May 2024 16:12

Tgt Ion: 98 Resp: 346814
Ion Ratio Lower Upper
98 100
100 67.0 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 49.692 ug/l

RT: 12.483 min Scan# 1

Delta R.T. -0.000 min

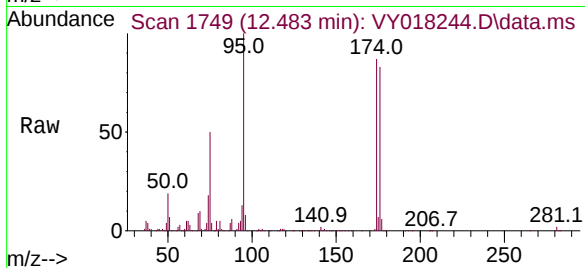
Lab File: VY018244.D

Acq: 13 May 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :



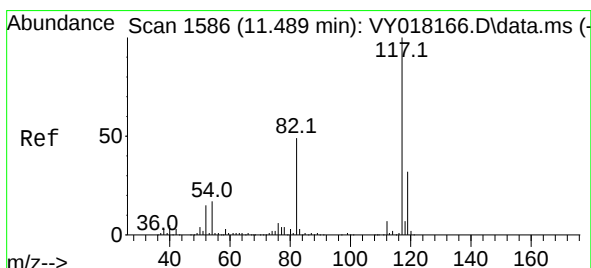
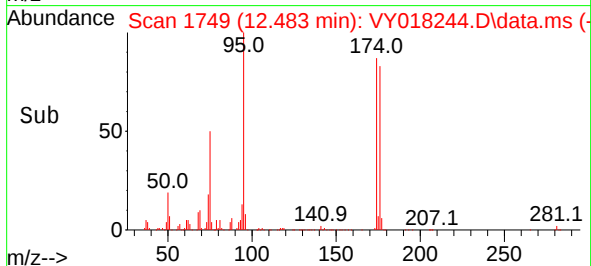
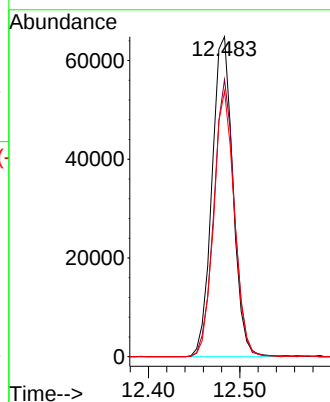
Tgt Ion: 95 Resp: 102848

Ion Ratio Lower Upper

95 100

174 85.0 0.0 175.6

176 82.0 0.0 171.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY018244.D

Acq: 13 May 2024 16:12

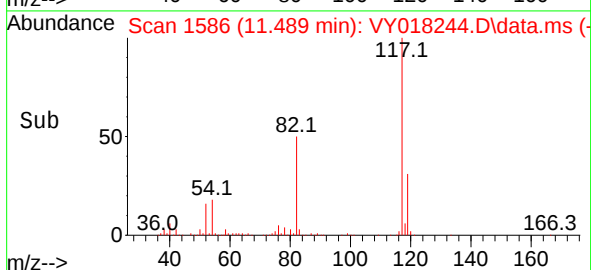
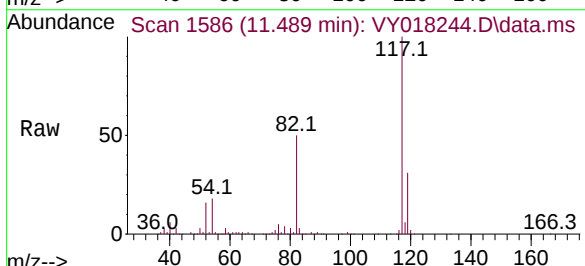
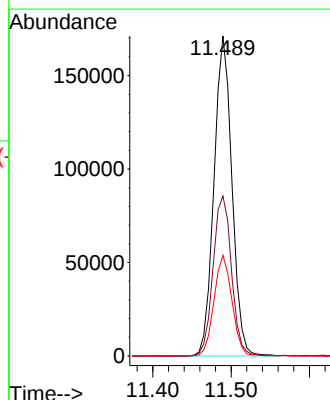
Tgt Ion: 117 Resp: 272613

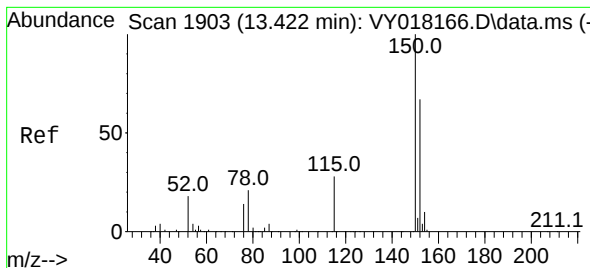
Ion Ratio Lower Upper

117 100

82 50.0 42.4 63.6

119 31.5 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1

Delta R.T. -0.000 min

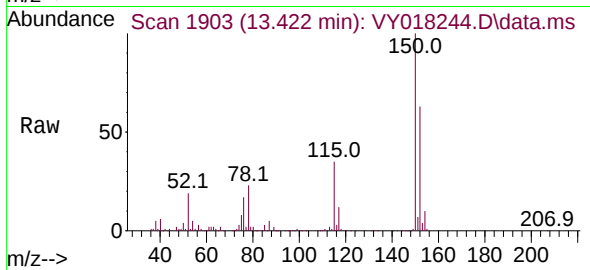
Lab File: VY018244.D

Acq: 13 May 2024 16:12

Instrument :

MSVOA_Y

ClientSampleId :



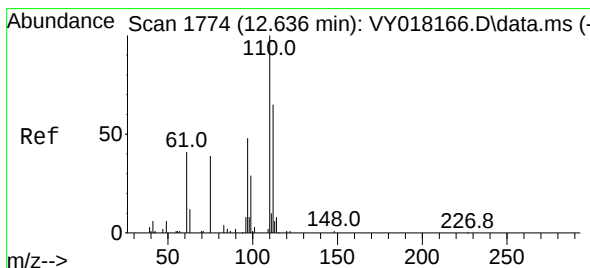
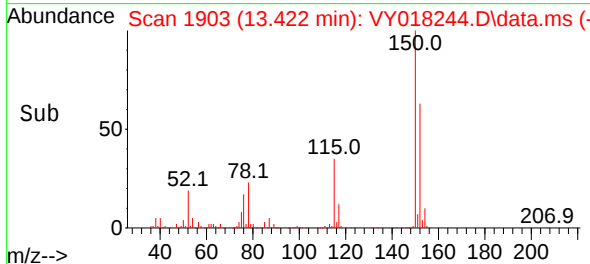
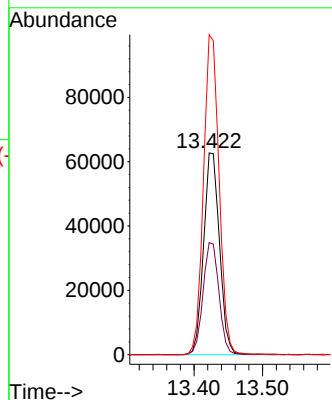
Tgt Ion:152 Resp: 101504

Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 155.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 64.459 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018244.D

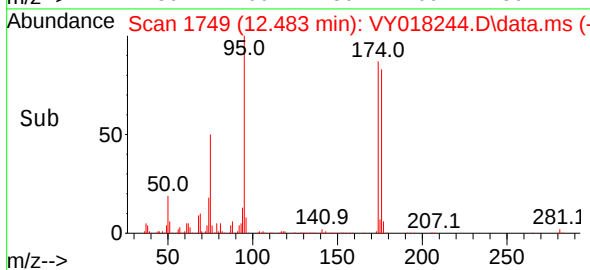
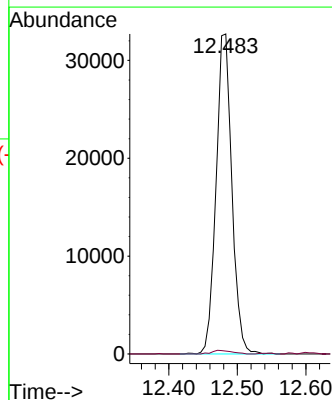
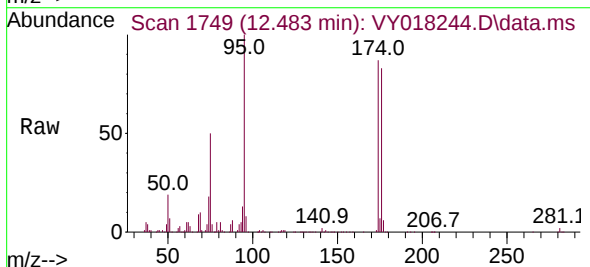
Acq: 13 May 2024 16:12

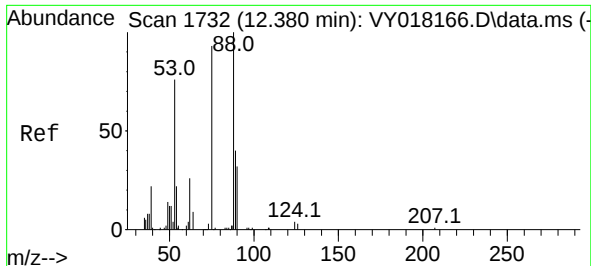
Tgt Ion: 75 Resp: 52371

Ion Ratio Lower Upper

75 100

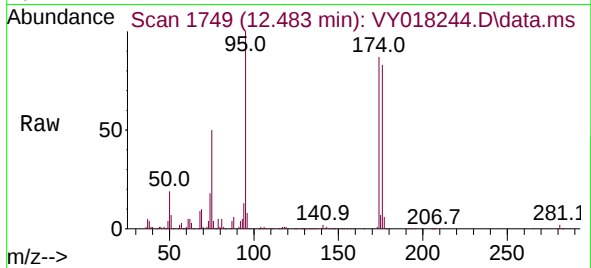
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.190 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018244.D
 Acq: 13 May 2024 16:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 52371
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

