

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010046.D
 Acq On : 16 Aug 2022 16:04
 Operator : KP/MD
 Sample : N4197-04
 Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-203-IDWSO-20220811-3

Quant Time: Aug 16 16:55:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

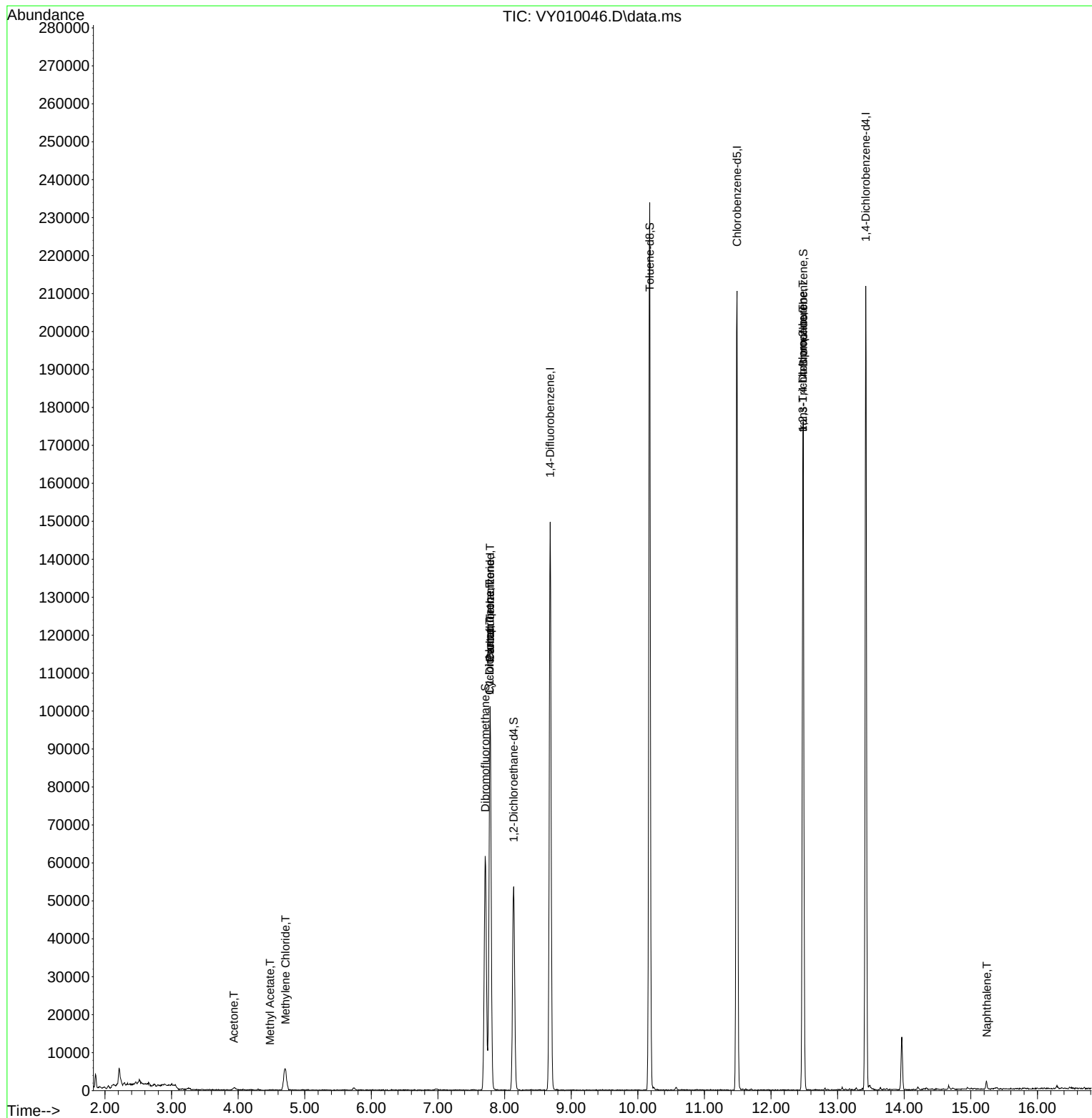
Internal Standards						
1) Pentafluorobenzene	7.782	168	79320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	128835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	42487	53.571	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.140%			
35) Dibromofluoromethane	7.709	113	41373	49.519	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.040%			
50) Toluene-d8	10.178	98	146326	47.338	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.680%			
62) 4-Bromofluorobenzene	12.483	95	44481	40.970	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 81.940%			
Target Compounds						
5) Bromomethane	2.649	94	173	Below Cal	#	67
16) Acetone	3.936	43	1262	7.429	ug/l	97
18) Methyl Acetate	4.478	43	45	4.108	ug/l #	49
20) Methylene Chloride	4.710	84	4366	2.343	ug/l	97
31) Cyclohexane	7.776	56	1665	1.486	ug/l #	53
36) 1,1-Dichloropropene	7.776	75	5388	4.629	ug/l #	49
38) Carbon Tetrachloride	7.782	117	7717	5.391	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	23529	45.519	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	23529	102.868	ug/l #	12
95) Naphthalene	15.238	128	1968	5.239	ug/l	96

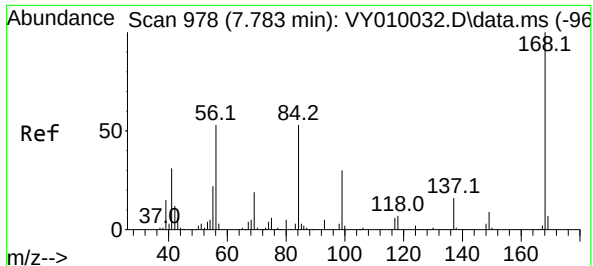
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
Data File : VY010046.D
Acq On : 16 Aug 2022 16:04
Operator : KP/MD
Sample : N4197-04
Misc : 5.79g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-3

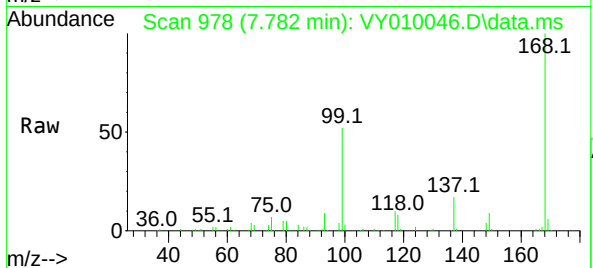
Quant Time: Aug 16 16:55:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 07:01:08 2022
Response via : Initial Calibration



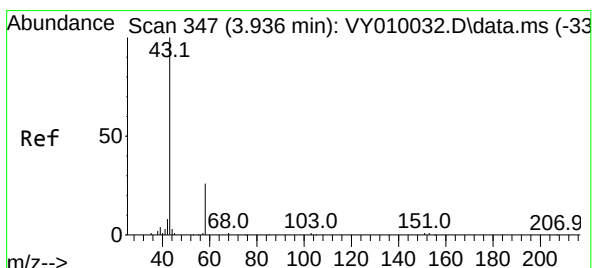
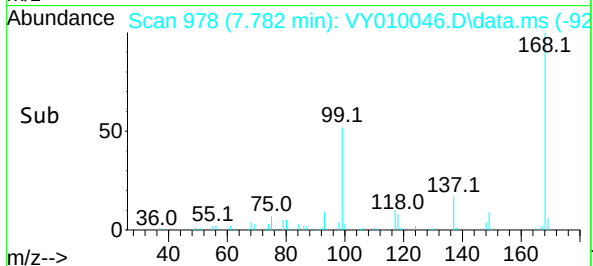
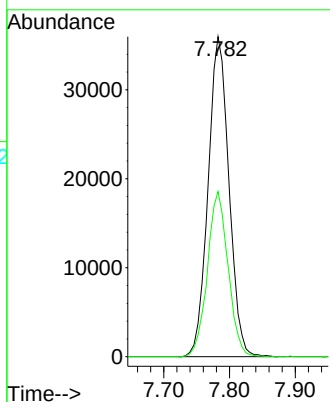


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-3

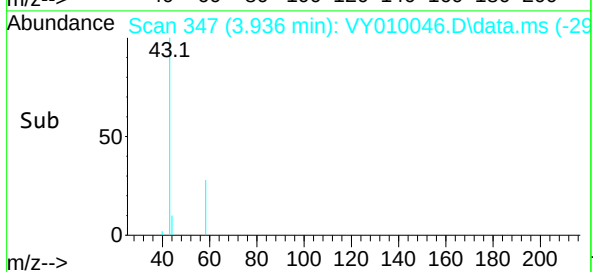
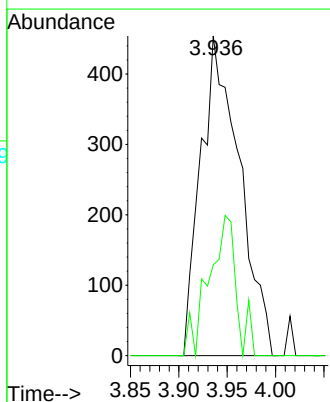
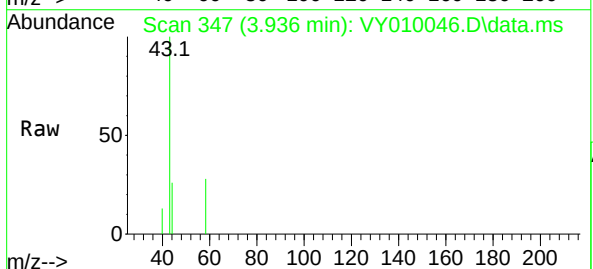


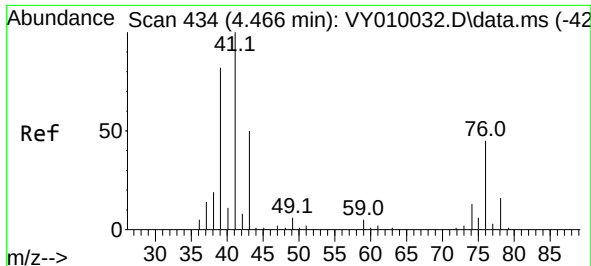
Tgt Ion:168 Resp: 79320
Ion Ratio Lower Upper
168 100
99 51.6 37.7 56.5



#16
Acetone
Concen: 7.429 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

Tgt Ion: 43 Resp: 1262
Ion Ratio Lower Upper
43 100
58 28.4 21.4 32.0

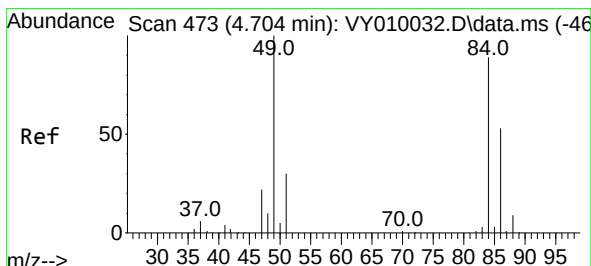
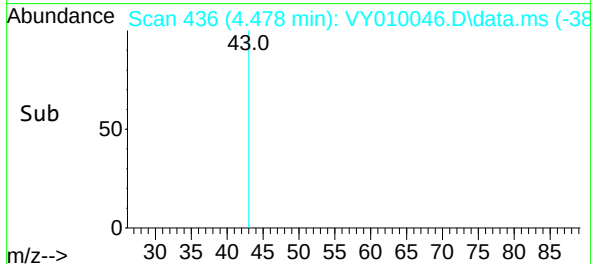
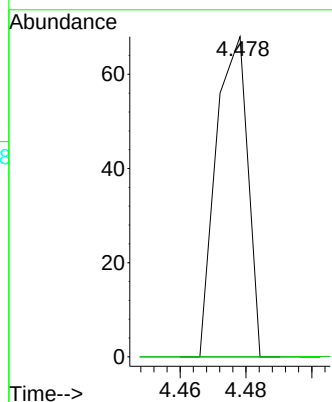
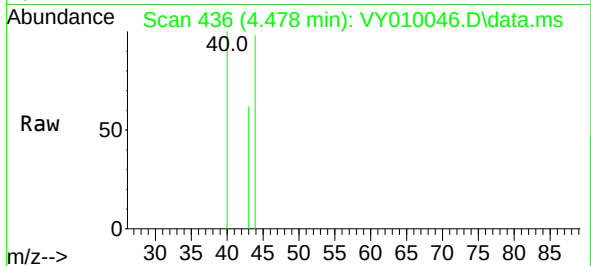




#18
Methyl Acetate
Concen: 4.108 ug/l
RT: 4.478 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

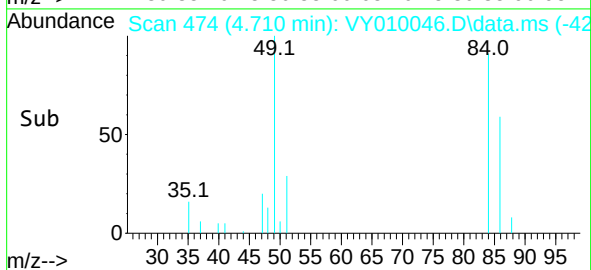
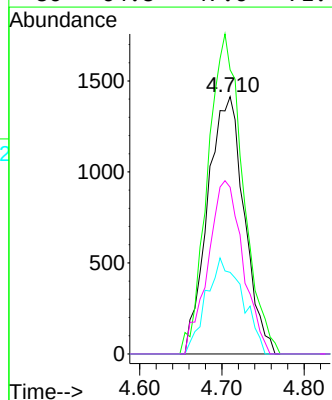
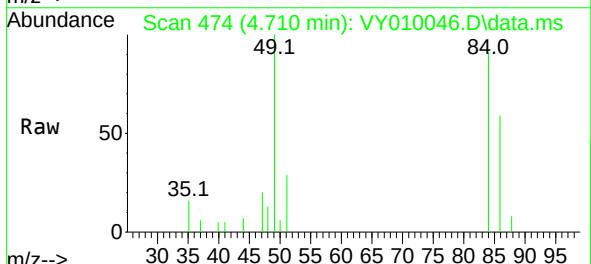
Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-3

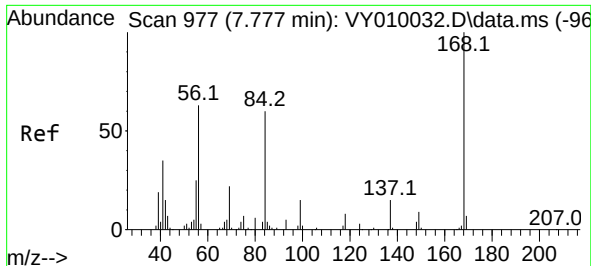
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



#20
Methylene Chloride
Concen: 2.343 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

Tgt Ion: 84 Resp: 4366
Ion Ratio Lower Upper
84 100
49 110.5 89.5 134.3
51 31.7 26.8 40.2
86 64.8 47.6 71.4

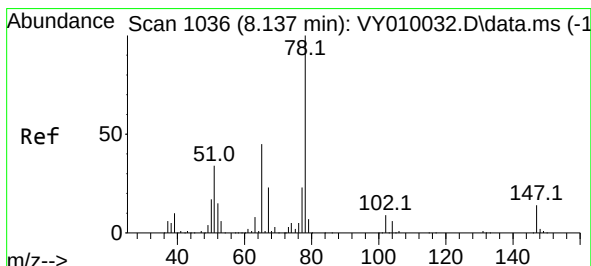
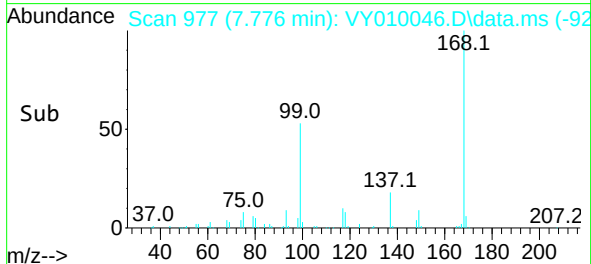
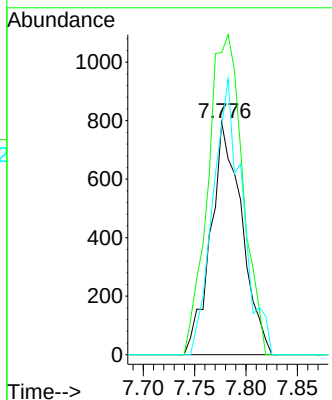
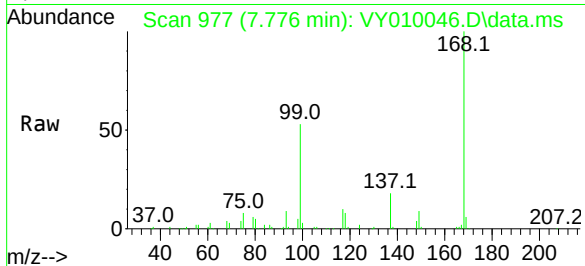




#31
Cyclohexane
Concen: 1.486 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

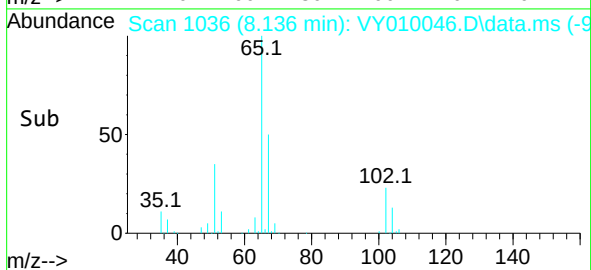
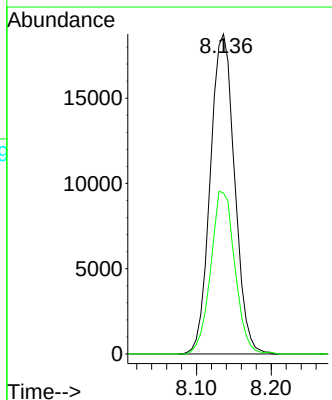
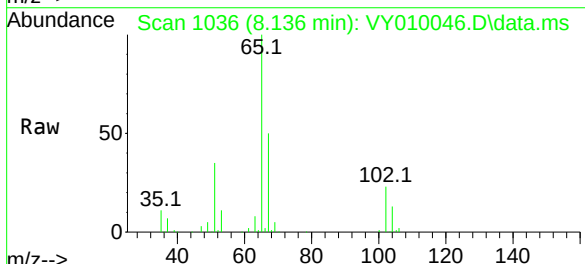
Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-3

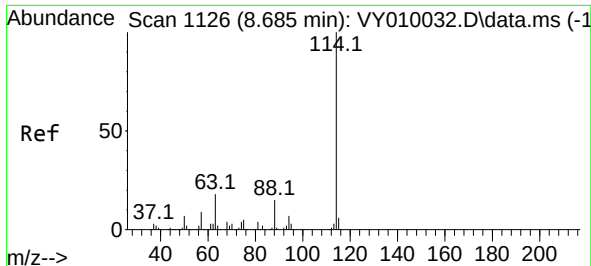
Tgt Ion: 56 Resp: 1665
Ion Ratio Lower Upper
56 100
69 130.1 28.6 43.0#
84 98.6 76.0 114.0



#33
1,2-Dichloroethane-d4
Concen: 53.571 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

Tgt Ion: 65 Resp: 42487
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010046.D

Acq: 16 Aug 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

TT-203-IDWSO-20220811-3

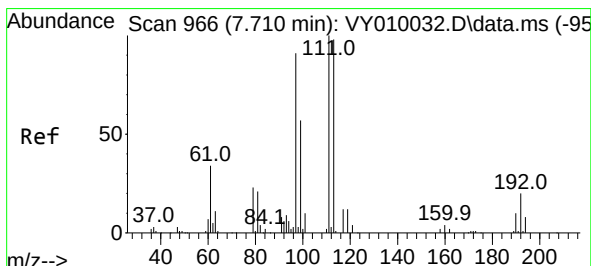
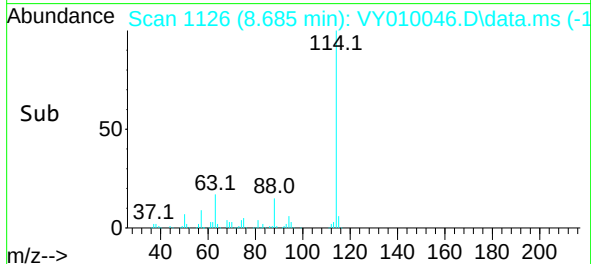
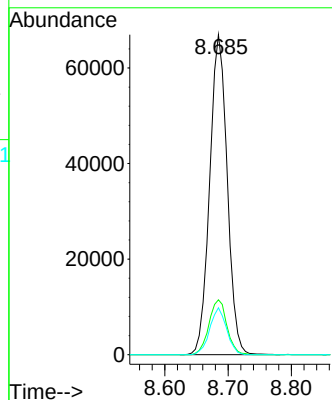
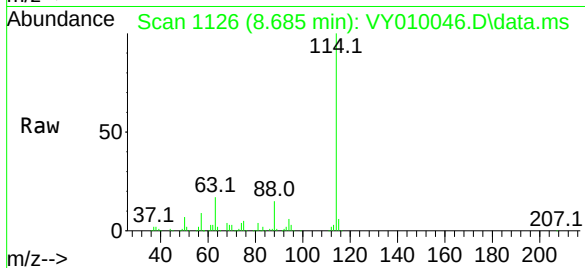
Tgt Ion:114 Resp: 128835

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.2

88 14.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.519 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010046.D

Acq: 16 Aug 2022 16:04

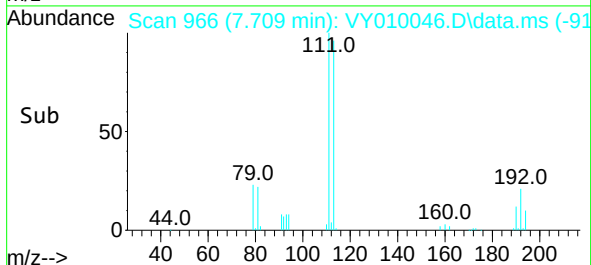
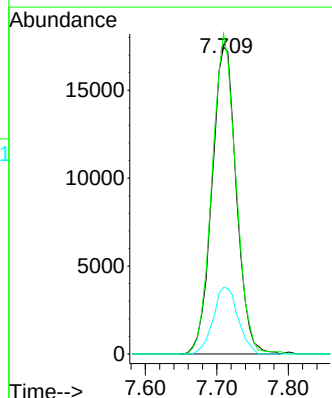
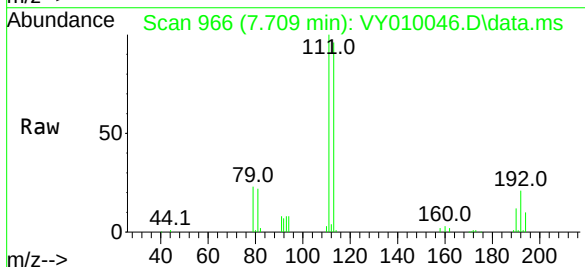
Tgt Ion:113 Resp: 41373

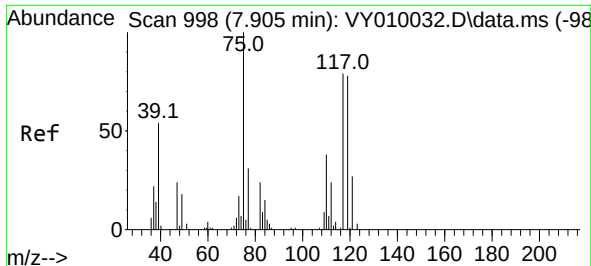
Ion Ratio Lower Upper

113 100

111 102.1 82.7 124.1

192 22.0 17.2 25.8

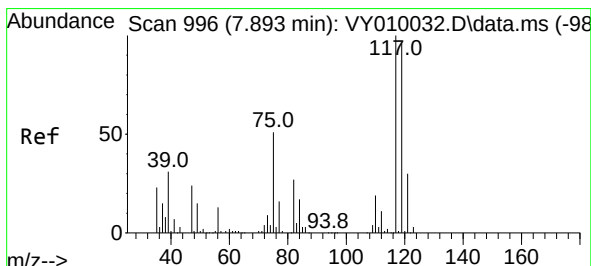
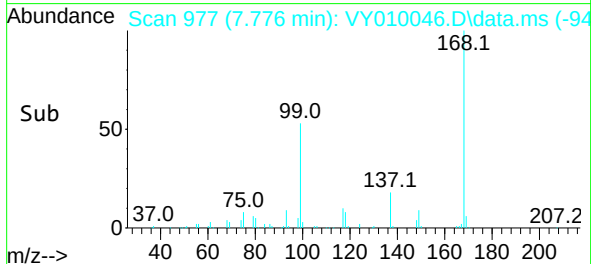
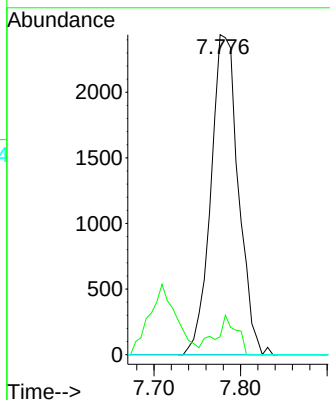
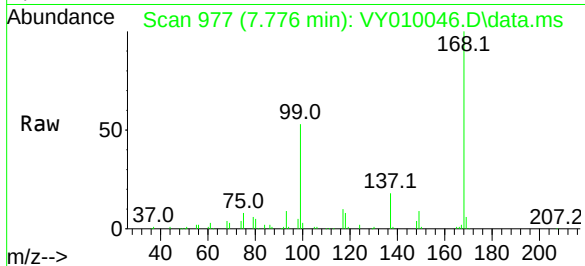




#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.129 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

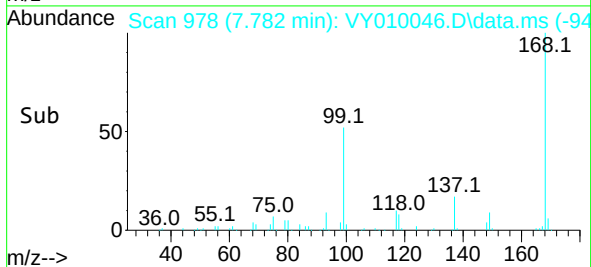
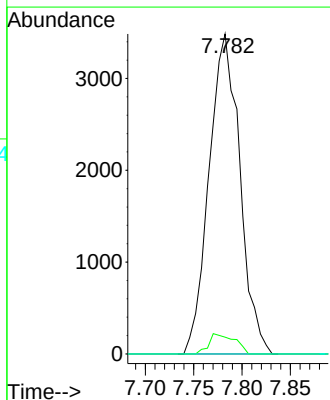
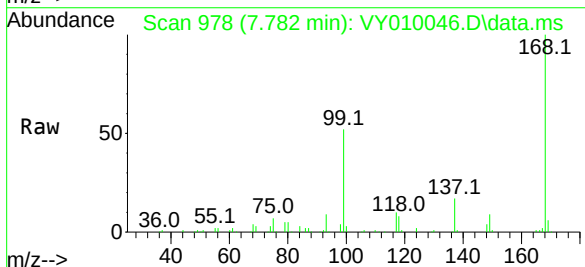
Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-3

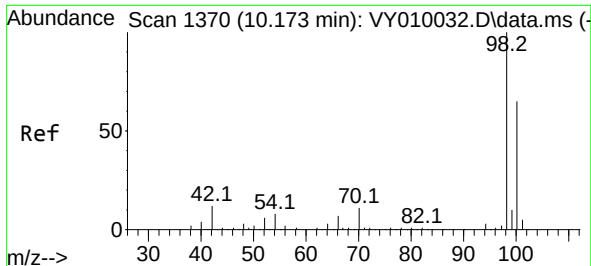
Tgt Ion: 75 Resp: 5388
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.4#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.391 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.111 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

Tgt Ion: 117 Resp: 7717
Ion Ratio Lower Upper
117 100
119 5.3 77.0 115.6#
121 0.0 24.2 36.4#

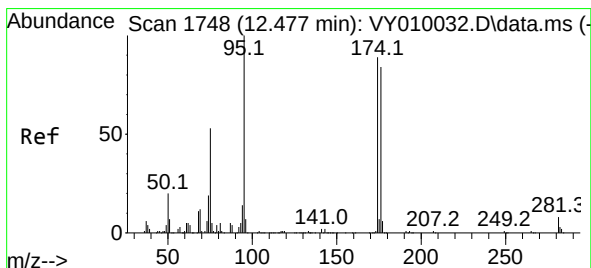
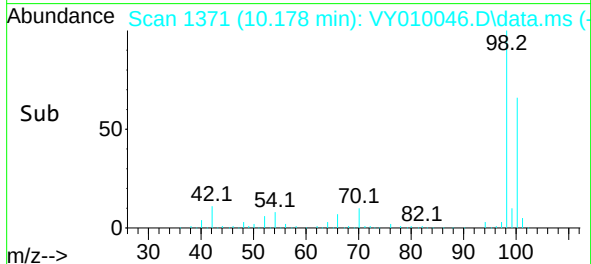
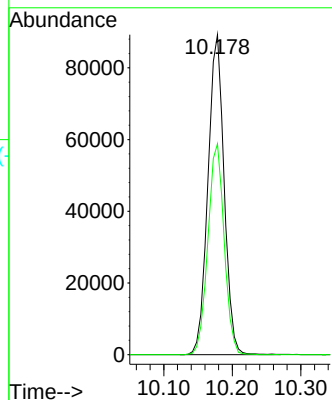
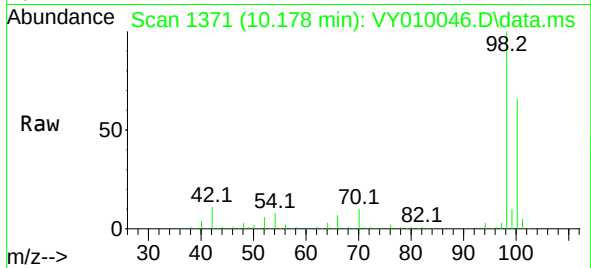




#50
Toluene-d8
Concen: 47.338 ug/l
RT: 10.178 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

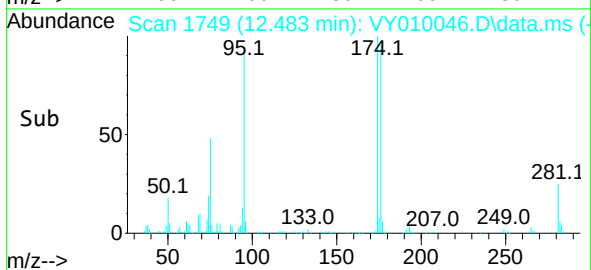
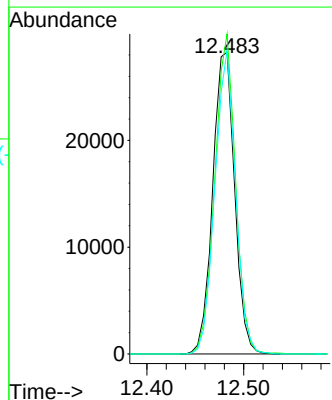
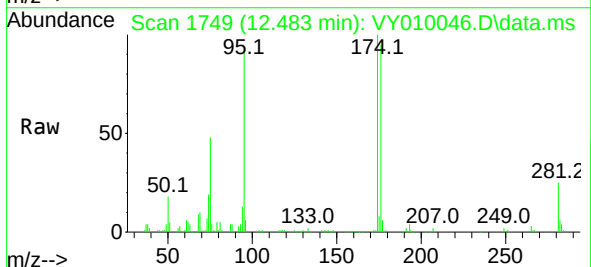
Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-3

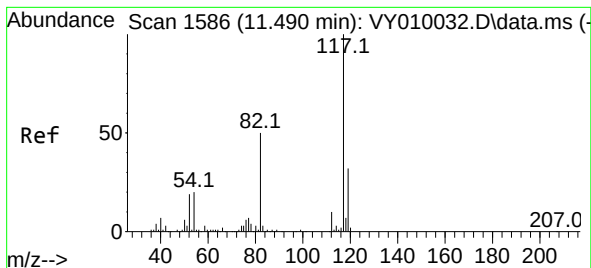
Tgt Ion: 98 Resp: 146326
Ion Ratio Lower Upper
98 100
100 66.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 40.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

Tgt Ion: 95 Resp: 44481
Ion Ratio Lower Upper
95 100
174 100.7 0.0 184.2
176 94.7 0.0 178.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010046.D

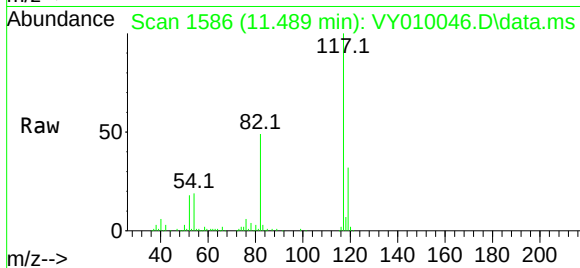
Acq: 16 Aug 2022 16:04

Instrument :

MSVOA_Y

ClientSampleId :

TT-203-IDWSO-20220811-3



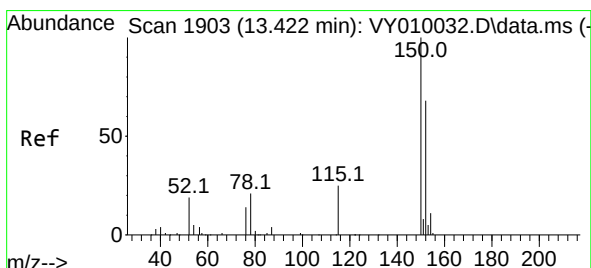
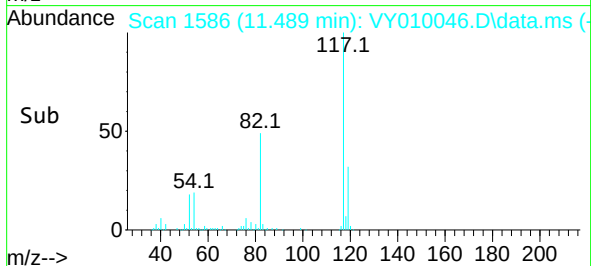
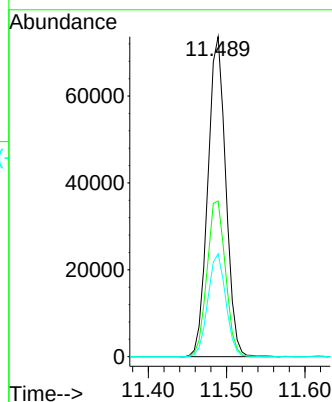
Tgt Ion:117 Resp: 116957

Ion Ratio Lower Upper

117 100

82 48.6 39.8 59.6

119 32.1 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY010046.D

Acq: 16 Aug 2022 16:04

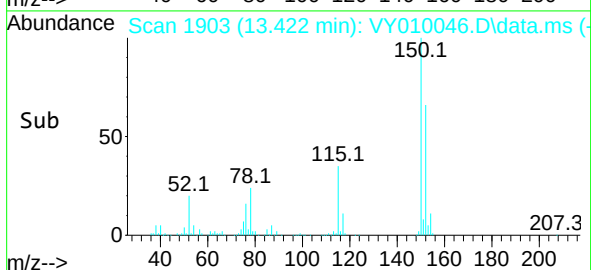
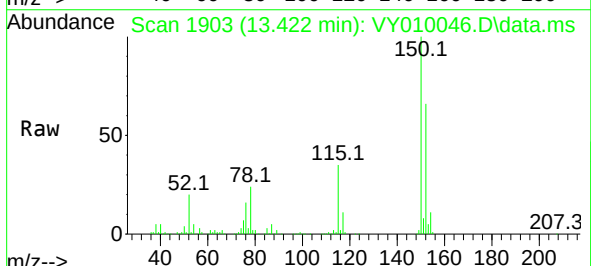
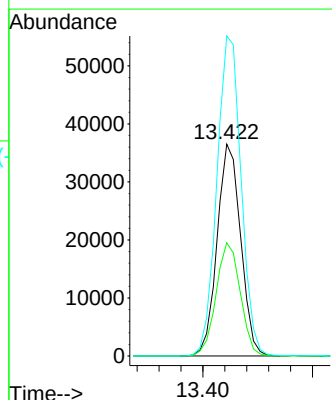
Tgt Ion:152 Resp: 54532

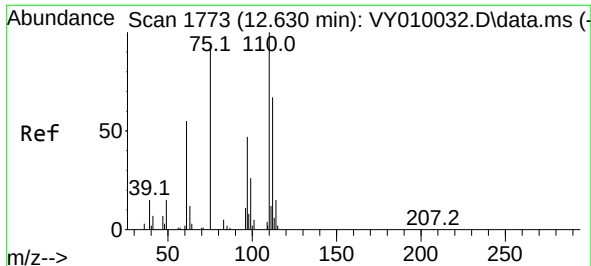
Ion Ratio Lower Upper

152 100

115 54.7 28.1 84.3

150 155.6 0.0 346.6

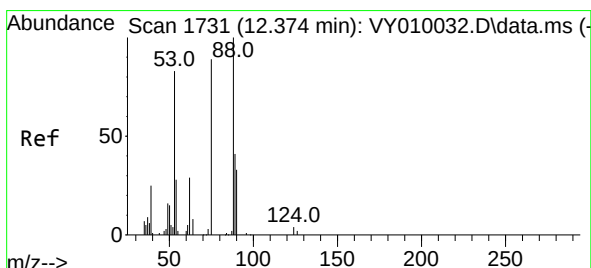
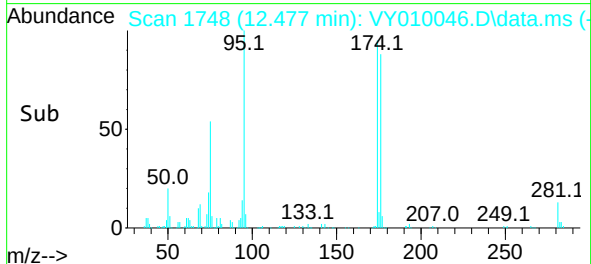
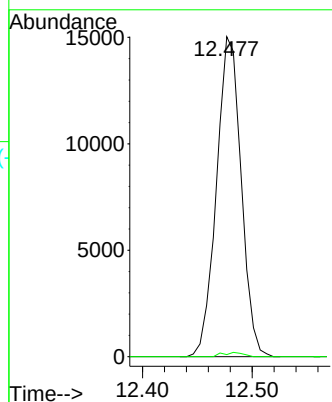
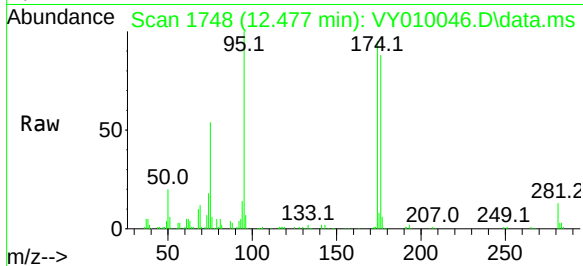




#76
1,2,3-Trichloropropane
Concen: 45.519 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

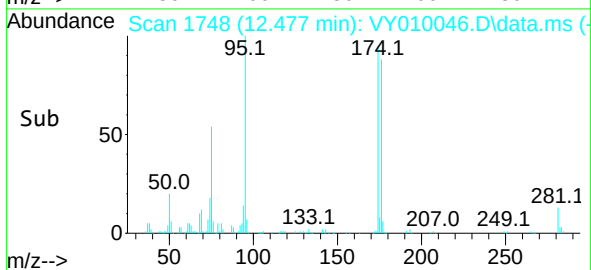
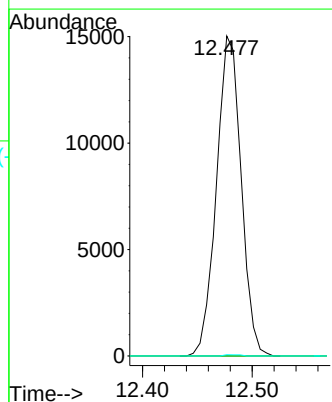
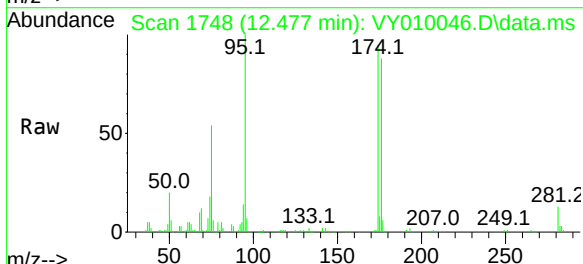
Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-3

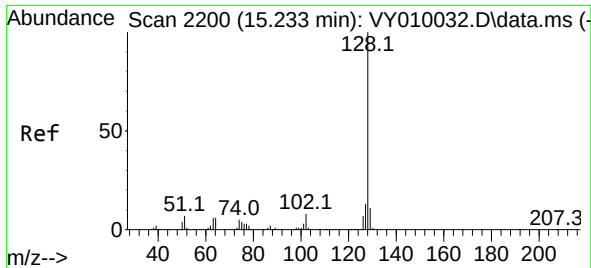
Tgt Ion: 75 Resp: 23529
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.868 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

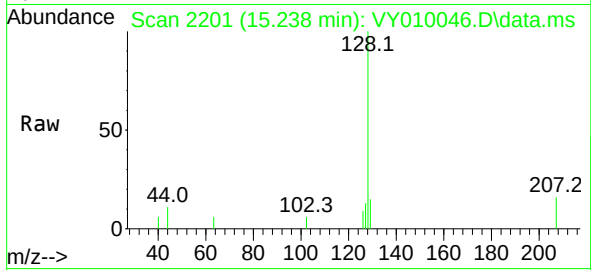
Tgt Ion: 75 Resp: 23529
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.3 37.8 56.6#





#95
Naphthalene
Concen: 5.239 ug/l
RT: 15.238 min Scan# 21
Delta R.T. 0.005 min
Lab File: VY010046.D
Acq: 16 Aug 2022 16:04

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-3



Tgt Ion	Ratio	Lower	Upper
128	100		
127	15.1	10.4	15.6
129	11.3	8.6	13.0

