

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010047.D
 Acq On : 16 Aug 2022 16:28
 Operator : KP/MD
 Sample : N4197-05
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-203-IDWSO-20220811-4

Quant Time: Aug 16 16:56:11 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)

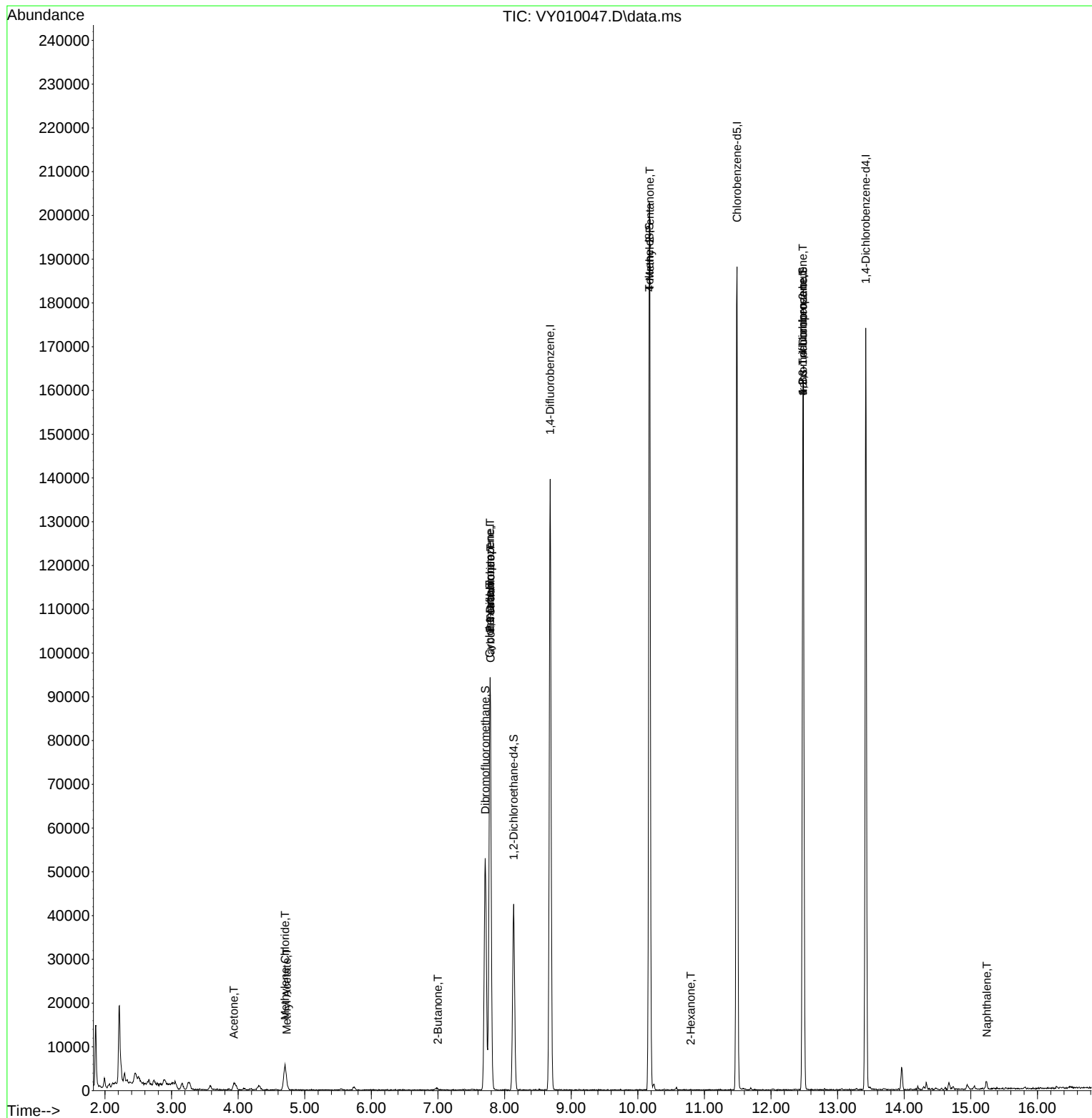
Internal Standards						
1) Pentafluorobenzene	7.783	168	75762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	117433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	104259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	32276	42.608	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.220%		
35) Dibromofluoromethane	7.710	113	35587	46.730	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.460%		
50) Toluene-d8	10.173	98	133474	47.372	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.740%		
62) 4-Bromofluorobenzene	12.477	95	38609	39.014	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	78.020%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	455	Below Cal	#	61
16) Acetone	3.936	43	2815	17.350	ug/l #	81
18) Methyl Acetate	4.728	43	67	4.154	ug/l #	49
20) Methylene Chloride	4.704	84	4108	2.254	ug/l	92
25) 2-Butanone	6.996	43	279	1.257	ug/l #	48
31) Cyclohexane	7.777	56	1464	1.368	ug/l #	38
36) 1,1-Dichloropropene	7.783	75	5228	4.928	ug/l #	50
38) Carbon Tetrachloride	7.789	117	6930	5.311	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	621	1.110	ug/l #	1
59) 2-Hexanone	10.794	43	91	24.346	ug/l #	26
76) 1,2,3-Trichloropropane	12.477	75	20609	48.518	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	20609	109.645	ug/l #	12
95) Naphthalene	15.239	128	2236	5.582	ug/l #	94

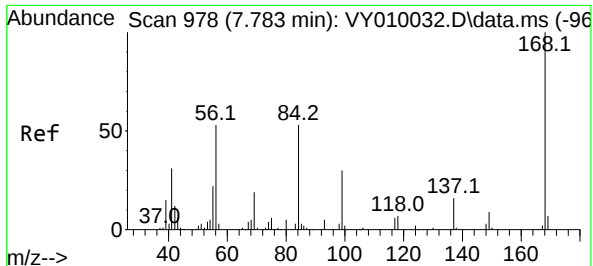
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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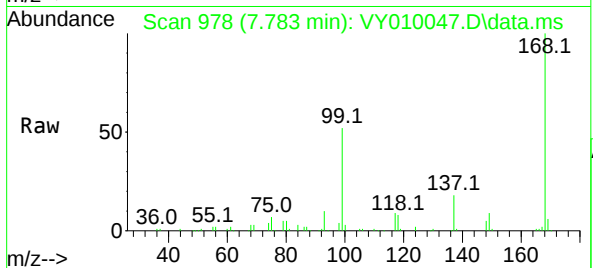
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 07:01:08 2022
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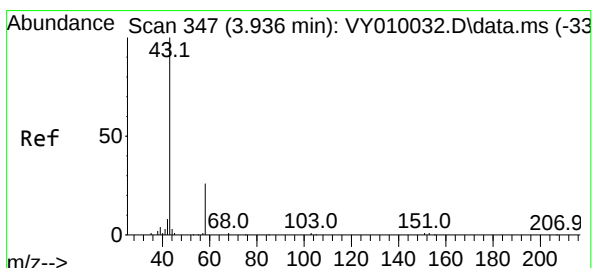
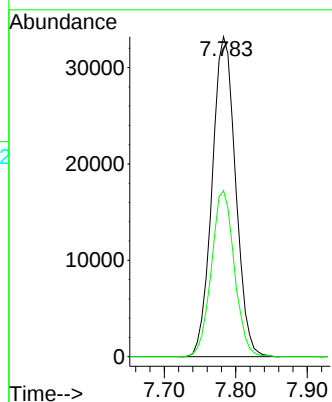
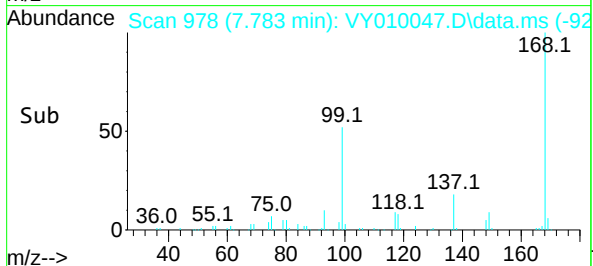


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-4

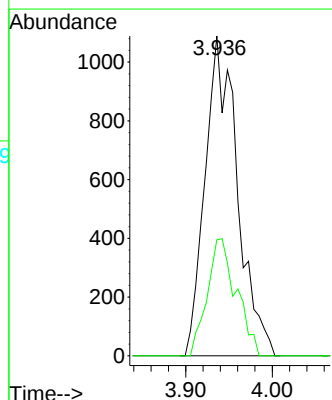
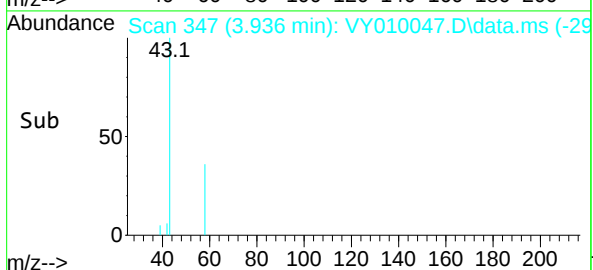
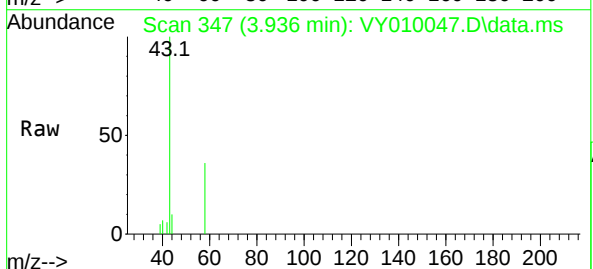


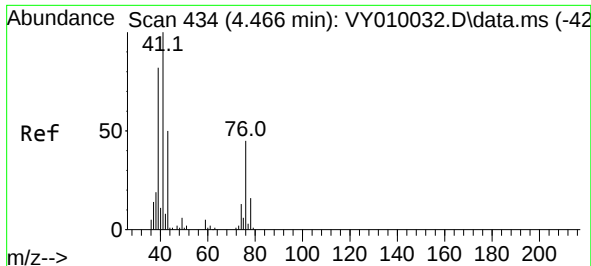
Tgt Ion:168 Resp: 75762
Ion Ratio Lower Upper
168 100
99 51.9 37.7 56.5



#16
Acetone
Concen: 17.350 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

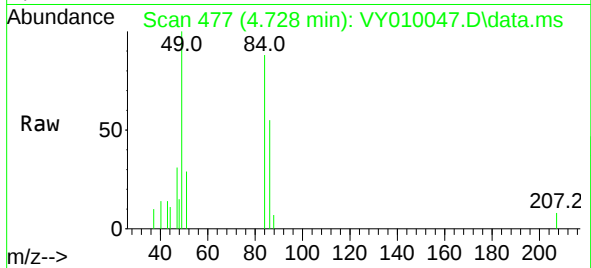
Tgt Ion: 43 Resp: 2815
Ion Ratio Lower Upper
43 100
58 36.3 21.4 32.0#



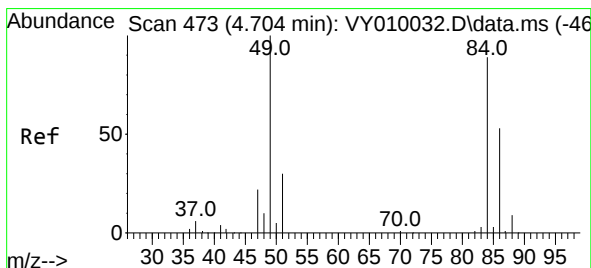
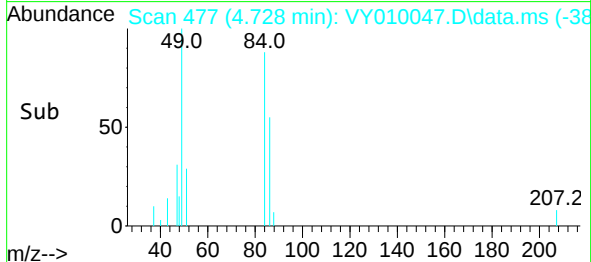
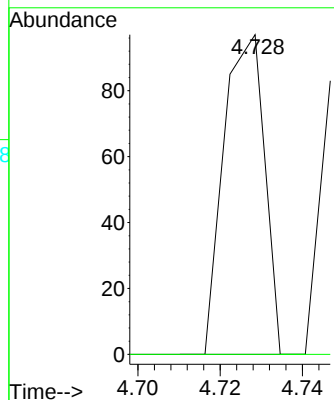


#18
Methyl Acetate
Concen: 4.154 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.262 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-4

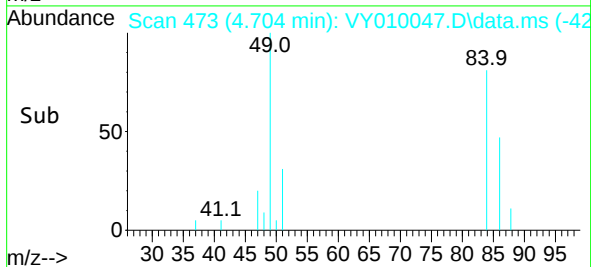
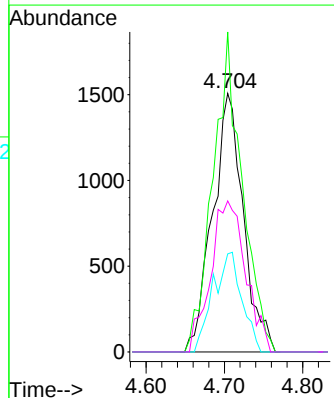
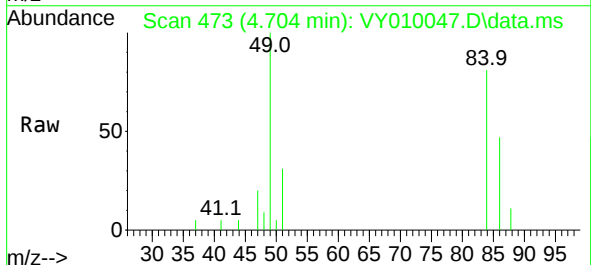


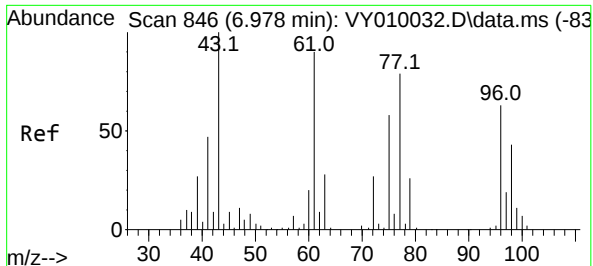
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
74 0.0 20.7 31.1#



#20
Methylene Chloride
Concen: 2.254 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

Tgt Ion: 84 Resp: 4108
Ion Ratio Lower Upper
84 100
49 123.7 89.5 134.3
51 37.9 26.8 40.2
86 58.4 47.6 71.4





#25

2-Butanone

Concen: 1.257 ug/l

RT: 6.996 min Scan# 846

Delta R.T. 0.018 min

Lab File: VY010047.D

Acq: 16 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

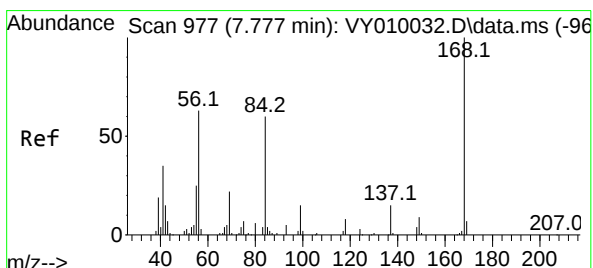
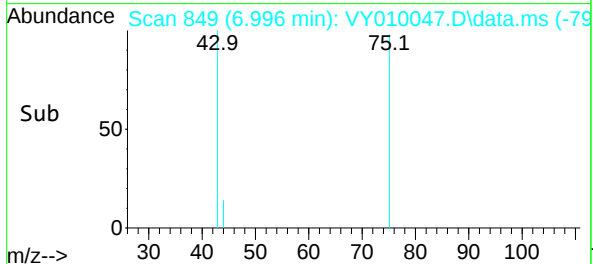
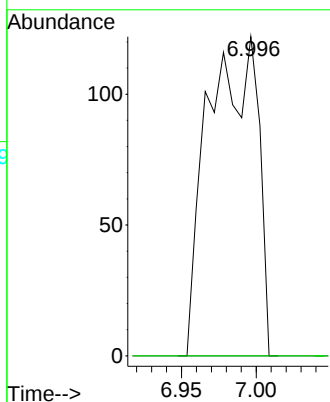
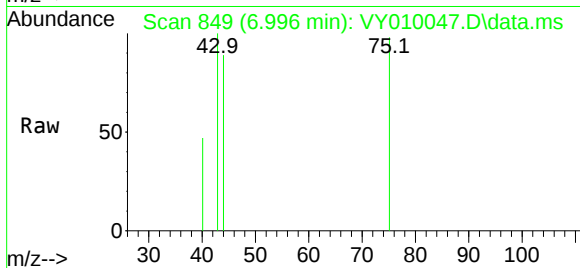
TT-203-IDWSO-20220811-4

Tgt Ion: 43 Resp: 279

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#31

Cyclohexane

Concen: 1.368 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY010047.D

Acq: 16 Aug 2022 16:28

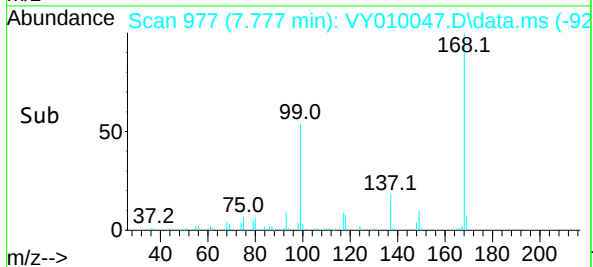
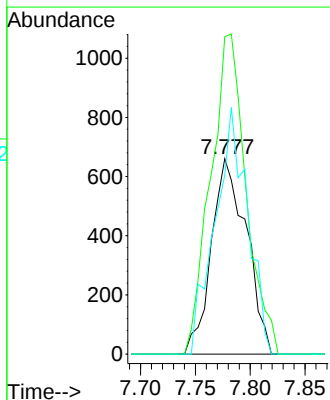
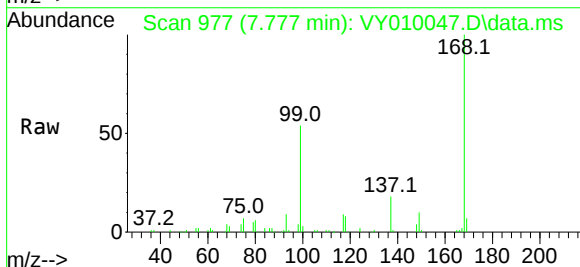
Tgt Ion: 56 Resp: 1464

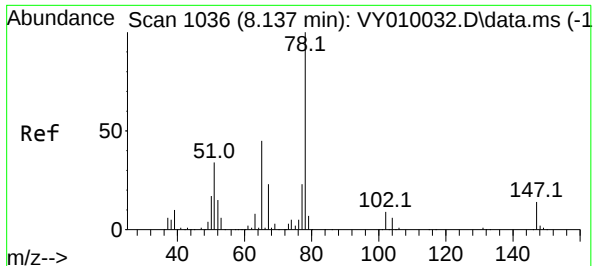
Ion Ratio Lower Upper

56 100

69 162.6 28.6 43.0#

84 91.7 76.0 114.0





#33

1,2-Dichloroethane-d4

Concen: 42.608 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY010047.D

Acq: 16 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

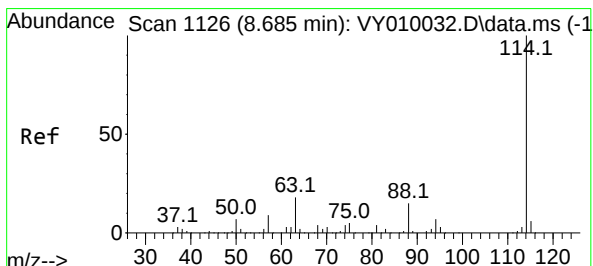
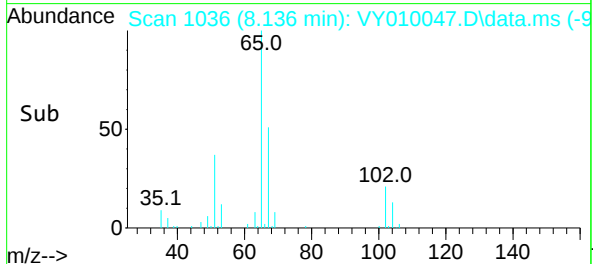
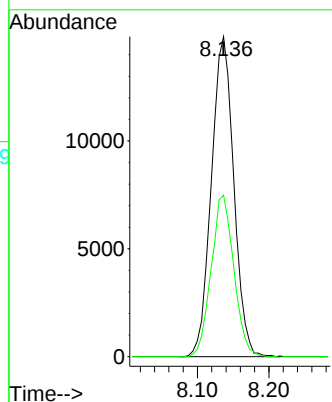
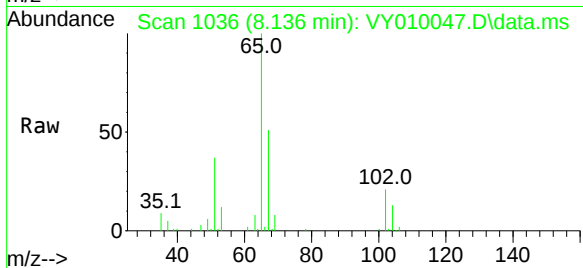
TT-203-IDWSO-20220811-4

Tgt Ion: 65 Resp: 32276

Ion Ratio Lower Upper

65 100

67 50.9 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: VY010047.D

Acq: 16 Aug 2022 16:28

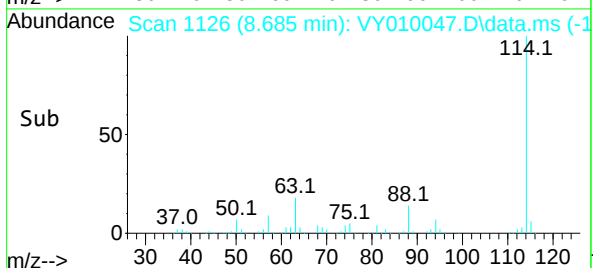
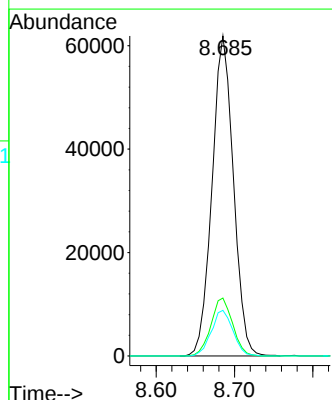
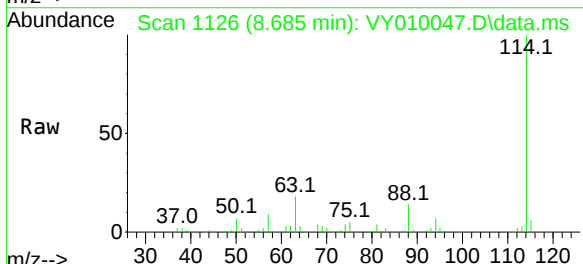
Tgt Ion:114 Resp: 117433

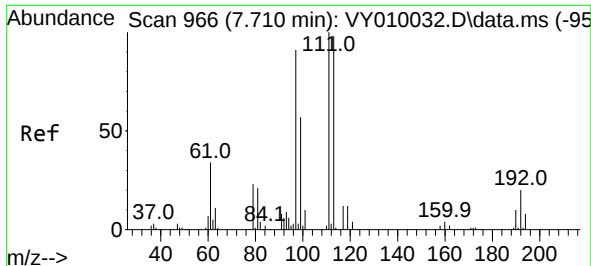
Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.2

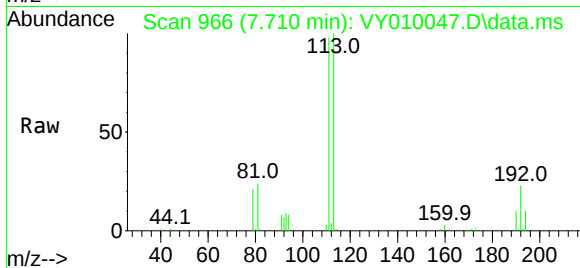
88 14.3 0.0 30.2



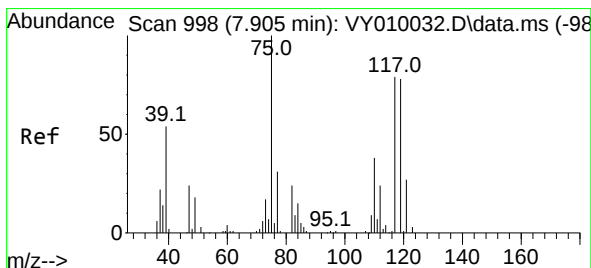
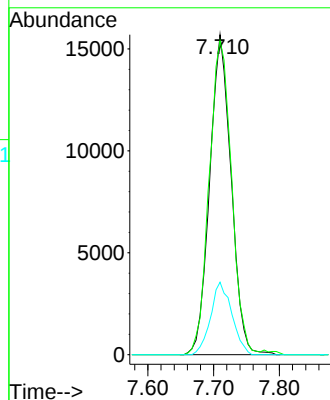
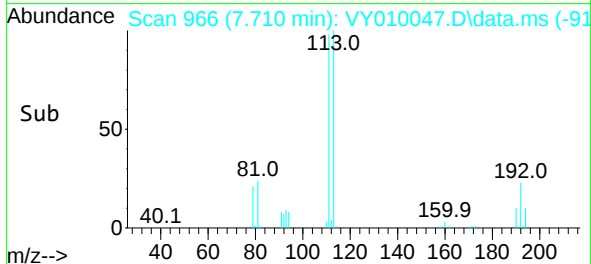


#35
Dibromofluoromethane
Concen: 46.730 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-4

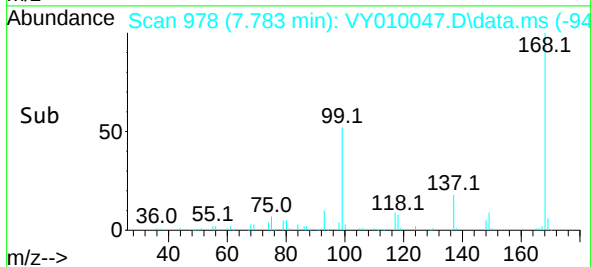
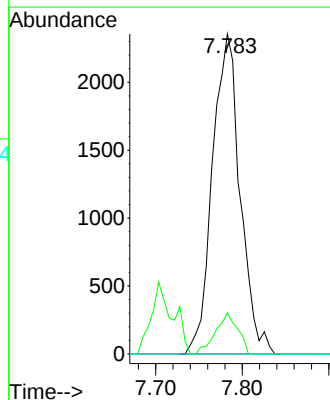
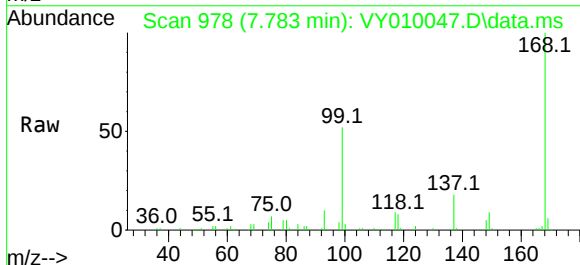


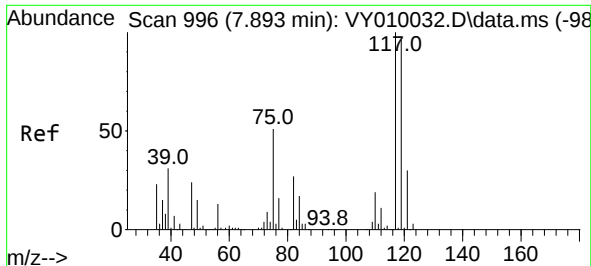
Tgt Ion:113 Resp: 35587
Ion Ratio Lower Upper
113 100
111 102.3 82.7 124.1
192 22.5 17.2 25.8



#36
1,1-Dichloropropene
Concen: 4.928 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

Tgt Ion: 75 Resp: 5228
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.4#
77 0.0 24.6 36.8#

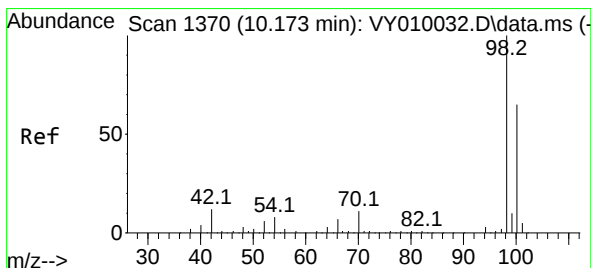
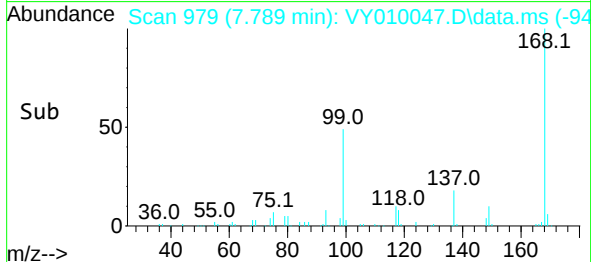
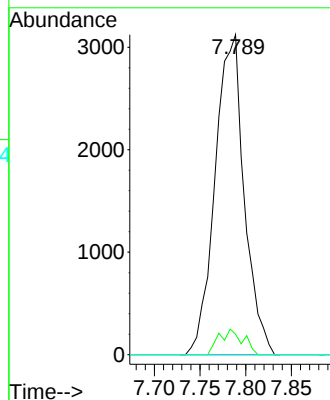
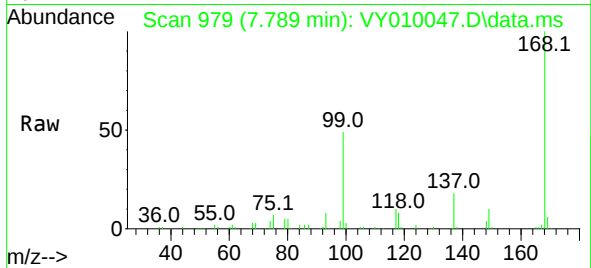




#38
Carbon Tetrachloride
Concen: 5.311 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

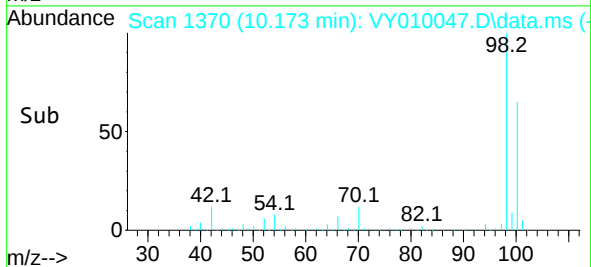
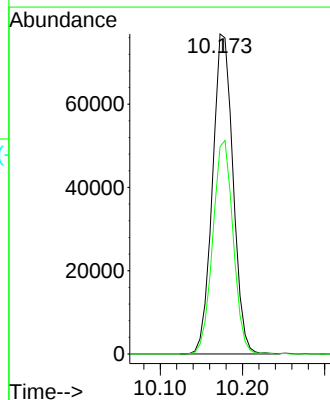
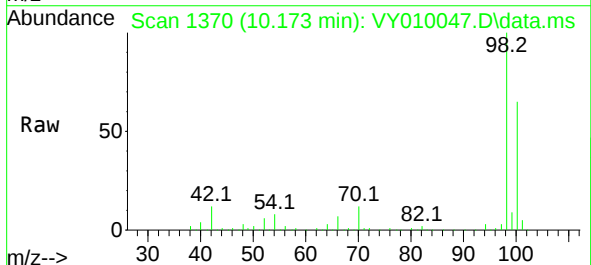
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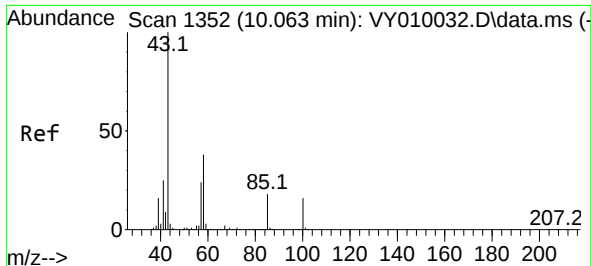
Tgt Ion:117 Resp: 6930
Ion Ratio Lower Upper
117 100
119 6.4 77.0 115.6#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 47.372 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

Tgt Ion: 98 Resp: 133474
Ion Ratio Lower Upper
98 100
100 66.0 52.1 78.1

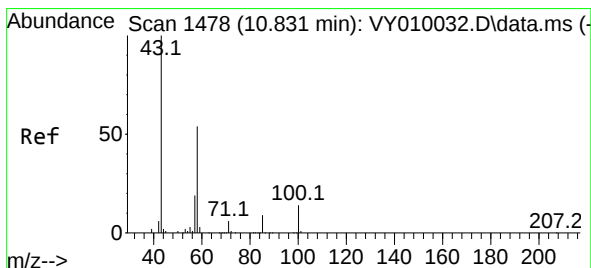
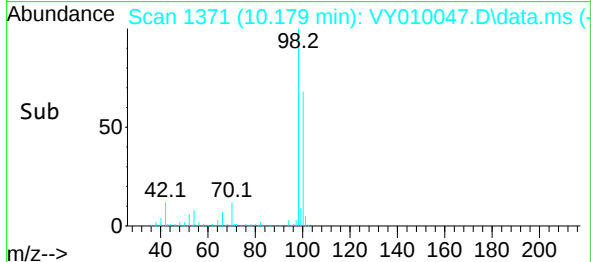
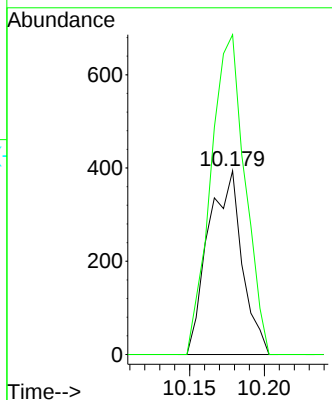
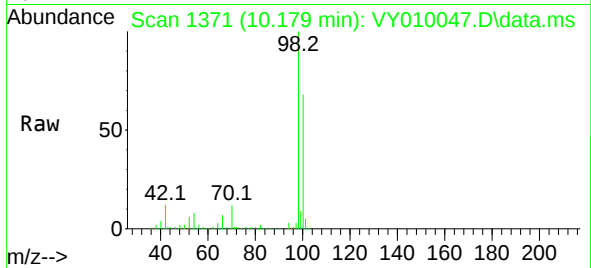




#51
4-Methyl-2-Pentanone
Concen: 1.110 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.116 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

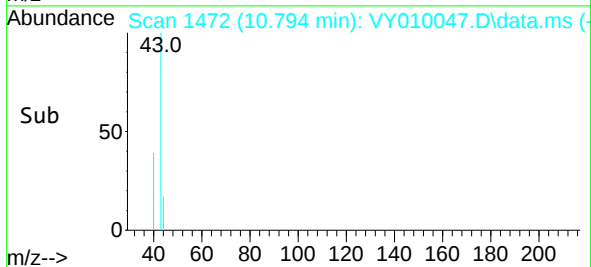
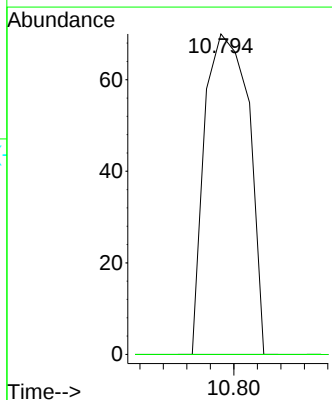
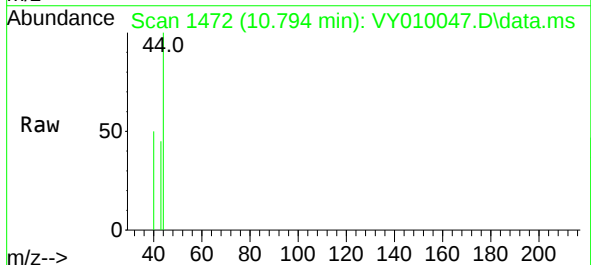
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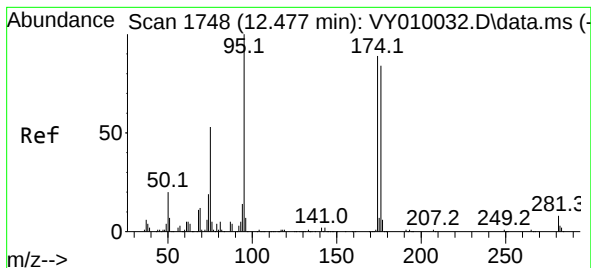
Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
58 175.7 29.8 44.8#



#59
2-Hexanone
Concen: 24.346 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.037 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

Tgt Ion: 43 Resp: 91
Ion Ratio Lower Upper
43 100
58 0.0 26.3 78.9#





#62

4-Bromofluorobenzene

Concen: 39.014 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010047.D

Acq: 16 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

TT-203-IDWSO-20220811-4

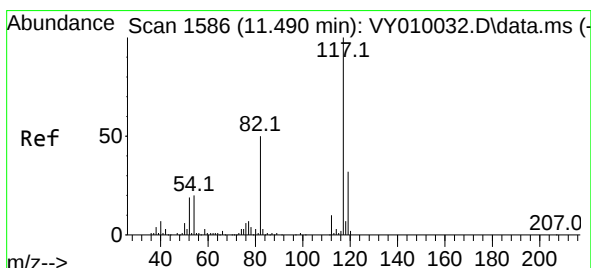
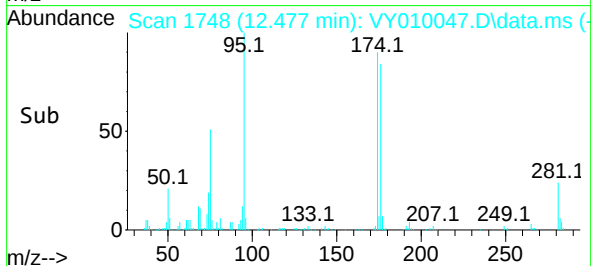
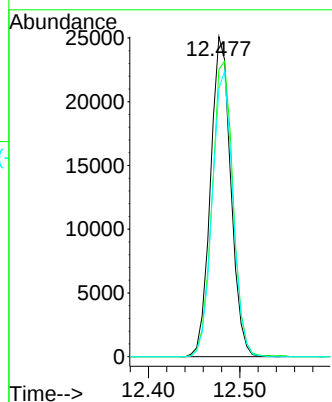
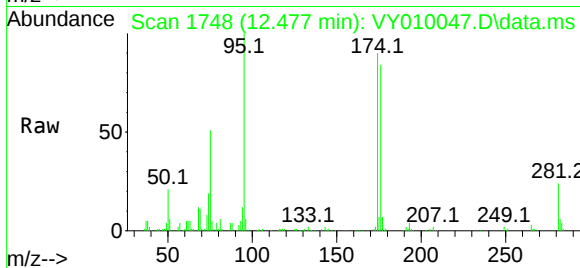
Tgt Ion: 95 Resp: 38609

Ion Ratio Lower Upper

95 100

174 95.4 0.0 184.2

176 90.6 0.0 178.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY010047.D

Acq: 16 Aug 2022 16:28

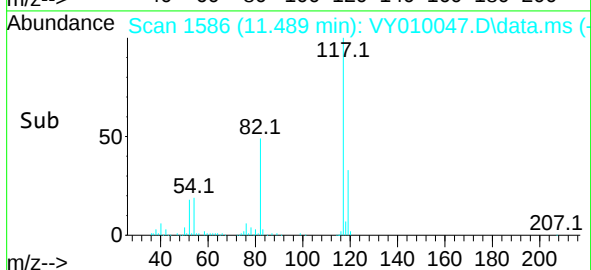
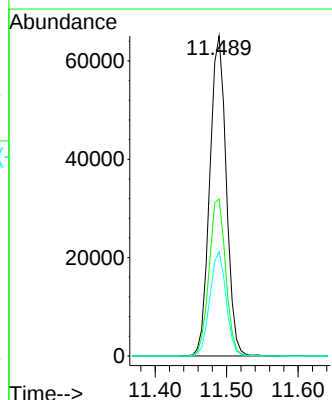
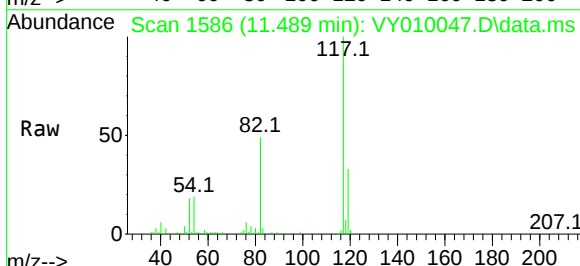
Tgt Ion: 117 Resp: 104259

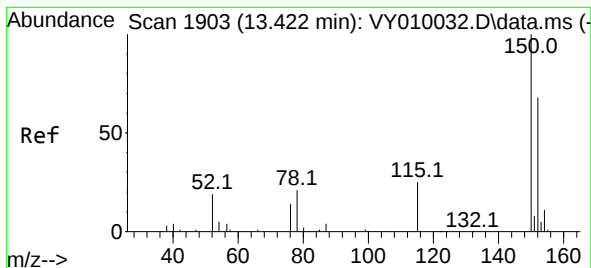
Ion Ratio Lower Upper

117 100

82 49.1 39.8 59.6

119 32.5 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: VY010047.D

Acq: 16 Aug 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

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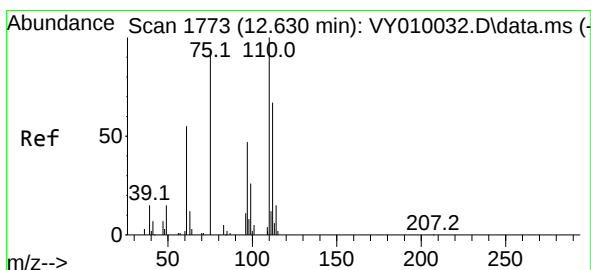
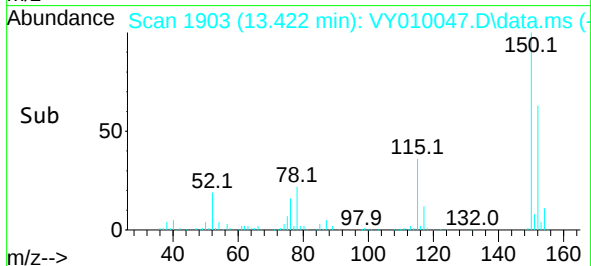
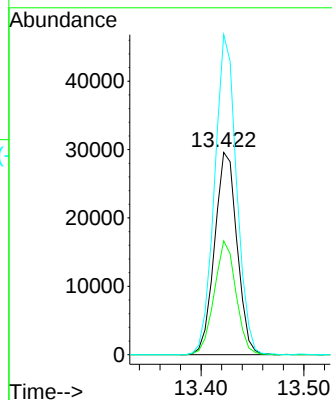
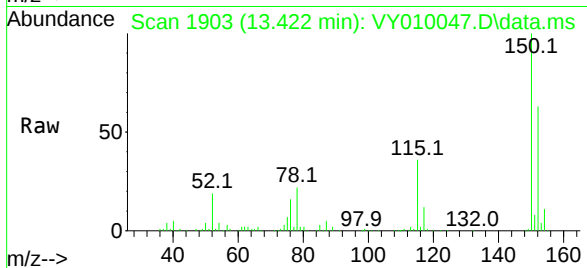
Tgt Ion:152 Resp: 44812

Ion Ratio Lower Upper

152 100

115 54.5 28.1 84.3

150 155.0 0.0 346.6



#76

1,2,3-Trichloropropane

Concen: 48.518 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY010047.D

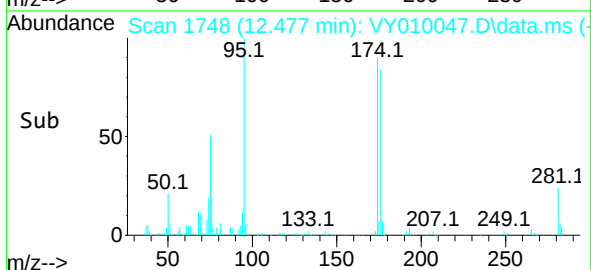
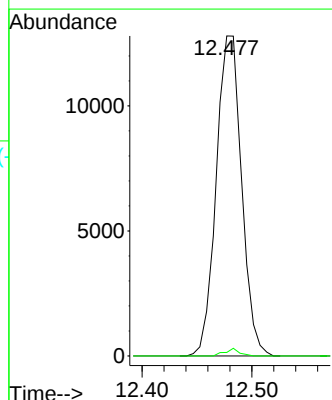
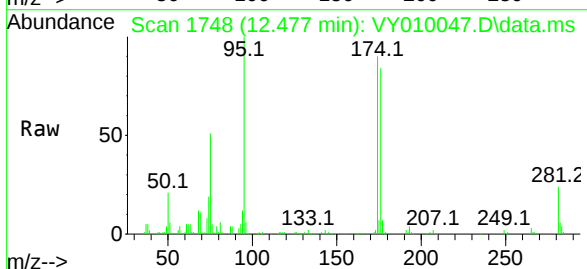
Acq: 16 Aug 2022 16:28

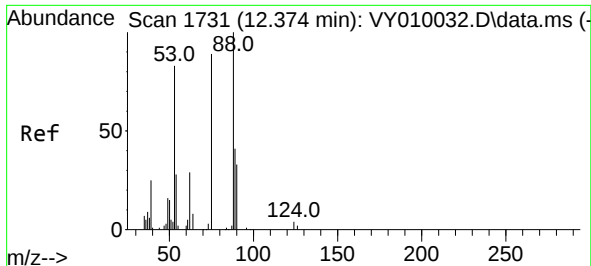
Tgt Ion: 75 Resp: 20609

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

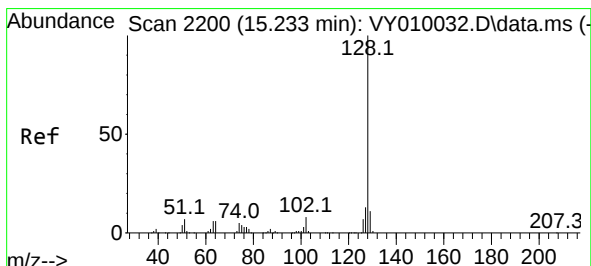
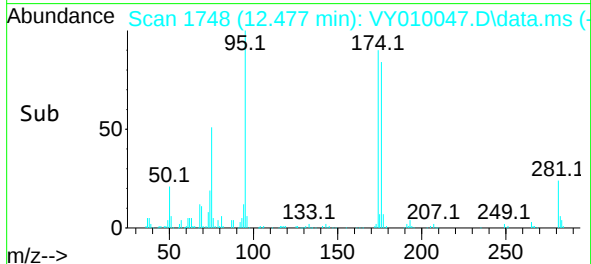
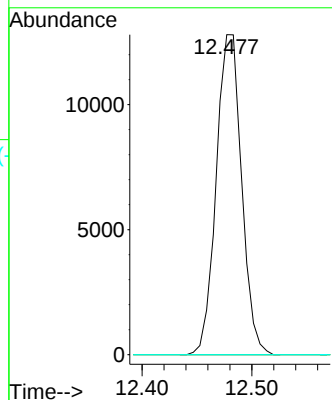
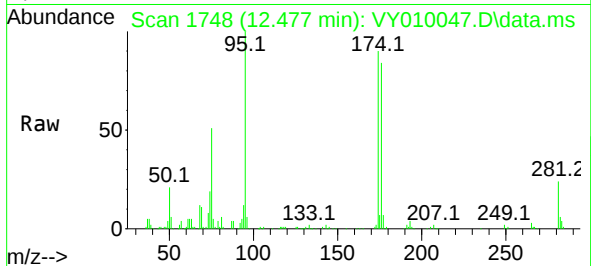




#81
trans-1,4-Dichloro-2-butene
Concen: 109.645 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.103 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :
TT-203-IDWSO-20220811-4

Tgt Ion: 75 Resp: 20609
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 37.8 56.6#



#95
Naphthalene
Concen: 5.582 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY010047.D
Acq: 16 Aug 2022 16:28

Tgt Ion:128 Resp: 2236
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 5.9 8.6 13.0#

