

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009279.D
 Acq On : 22 Jun 2022 18:06
 Operator : KP/MD
 Sample : N3430-04
 Misc : 3.28/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5-6-8-20220621

Quant Time: Jun 23 01:57:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

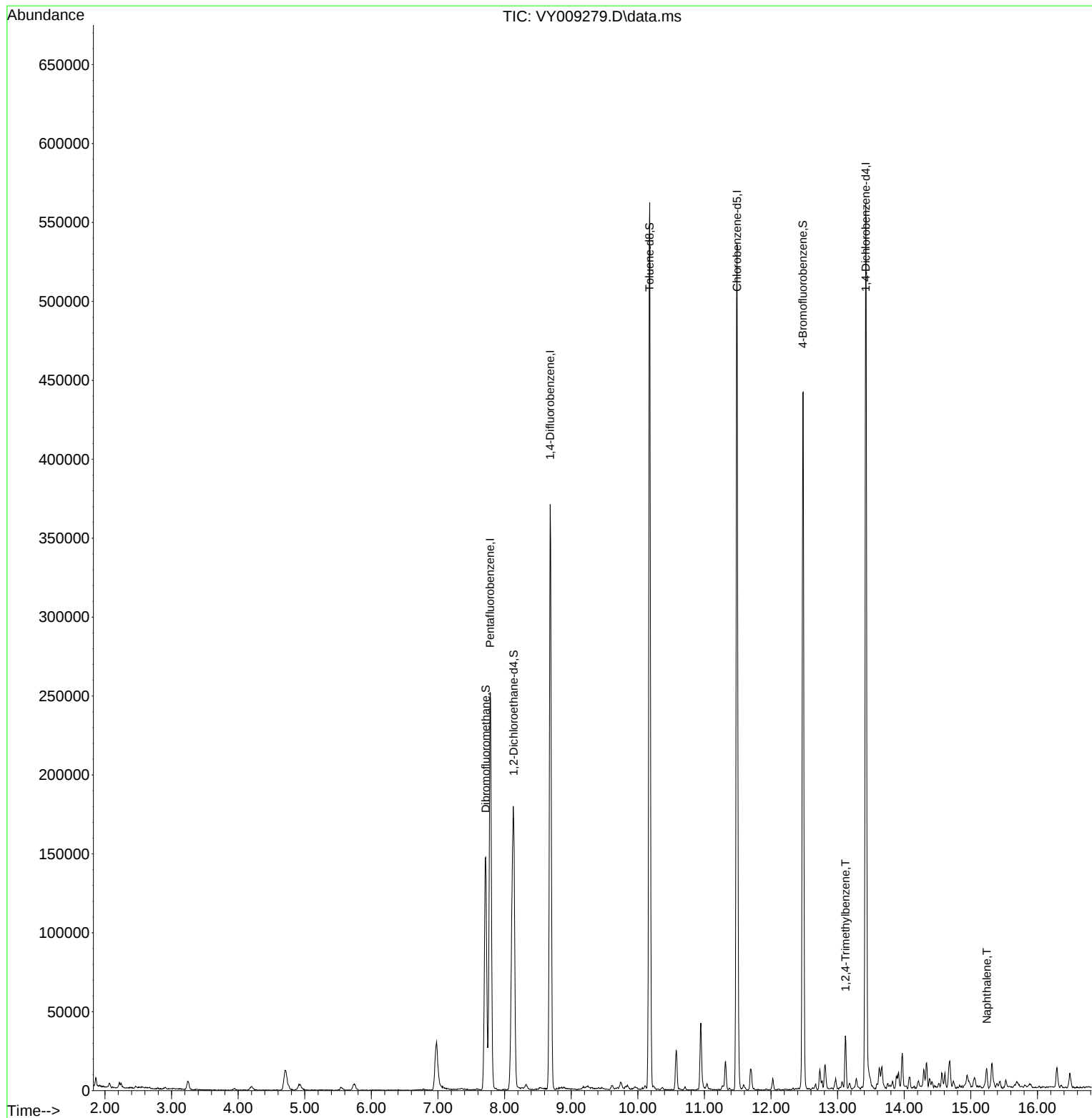
Internal Standards						
1) Pentafluorobenzene	7.783	168	209940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	305106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	154084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102599	44.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.000%
35) Dibromofluoromethane	7.716	113	101748	47.403	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.800%
50) Toluene-d8	10.179	98	370130	44.889	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.780%
62) 4-Bromofluorobenzene	12.477	95	132377	45.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.380%
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.117	105	17959	1.826	ug/l	92
95) Naphthalene	15.239	128	10001	1.598	ug/l	99

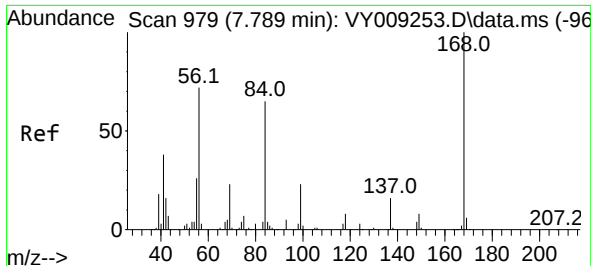
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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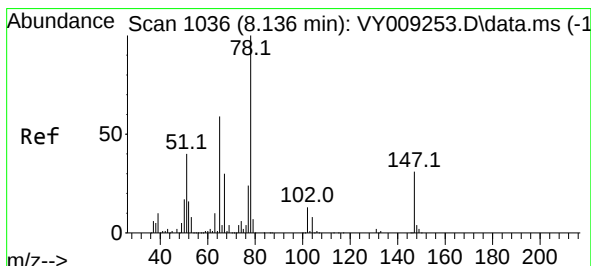
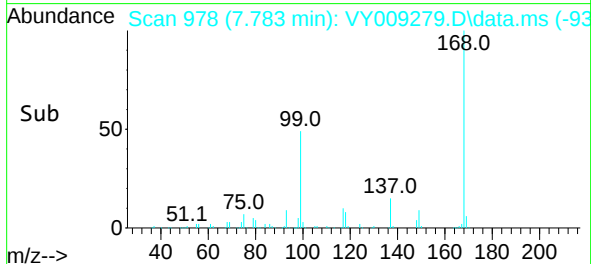
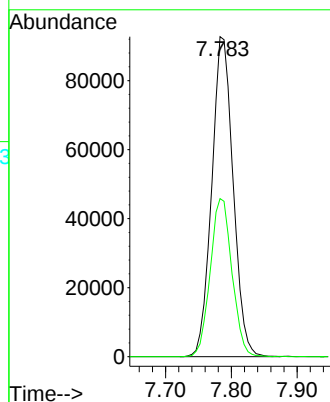
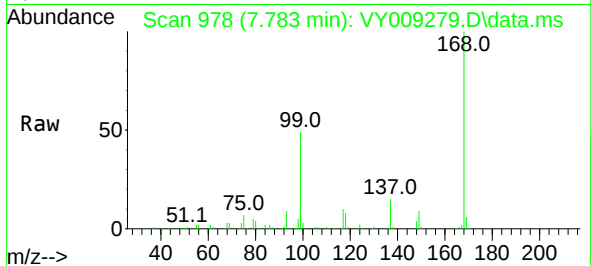




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

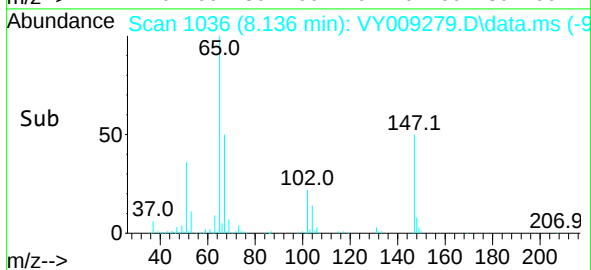
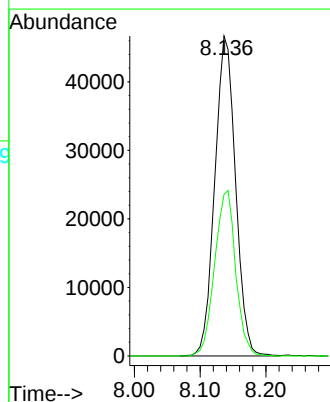
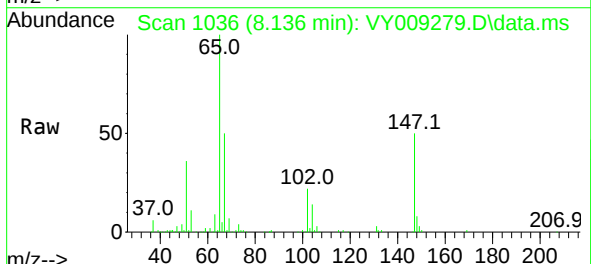
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-6-8-20220621

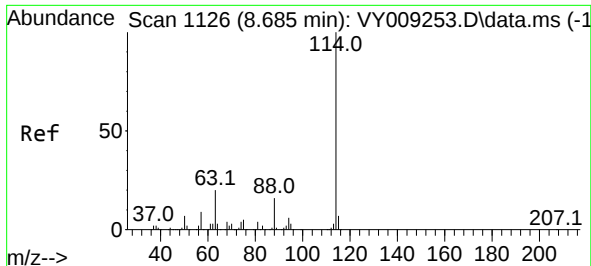
Tgt Ion:168 Resp: 209940
Ion Ratio Lower Upper
168 100
99 49.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.498 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

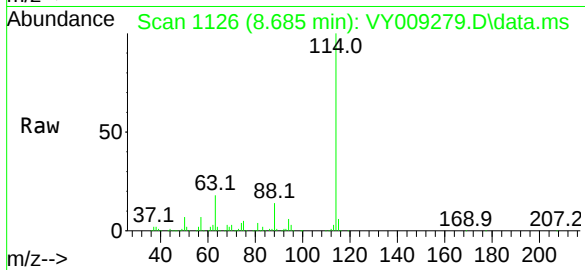
Tgt Ion: 65 Resp: 102599
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4



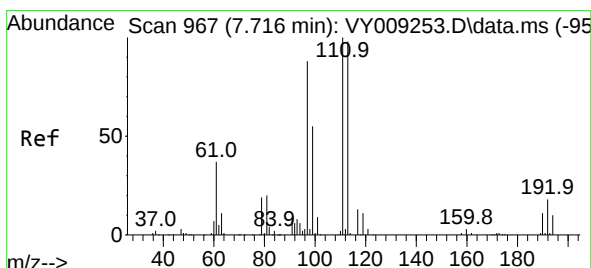
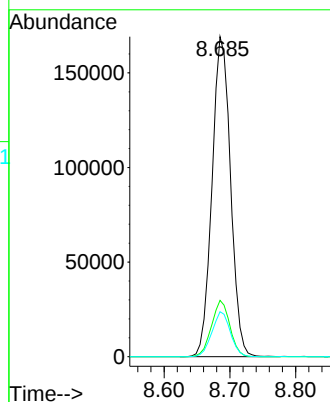
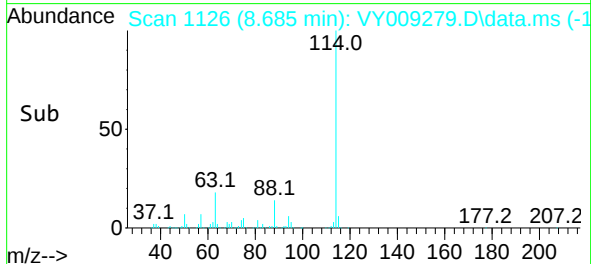


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-5-6-8-20220621

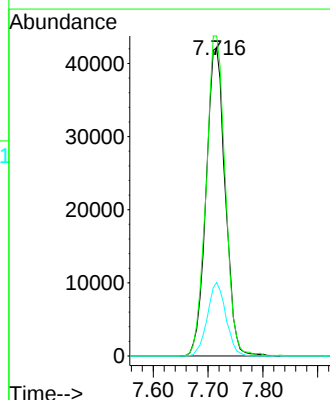
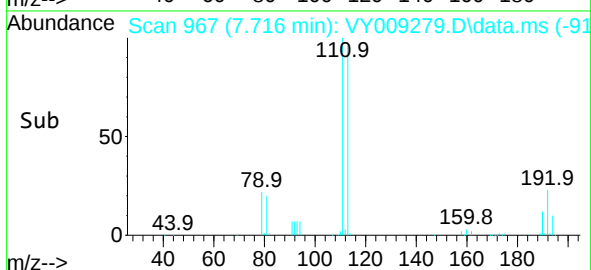
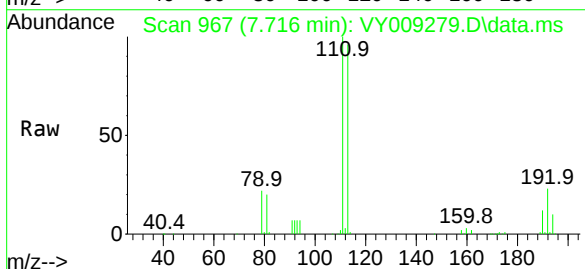


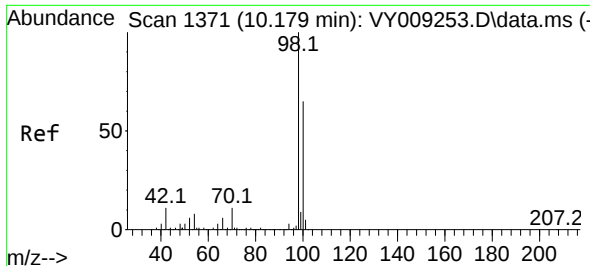
Tgt Ion:114 Resp: 331432
Ion Ratio Lower Upper
114 100
63 17.6 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.403 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

Tgt Ion:113 Resp: 101748
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 23.1 17.6 26.4

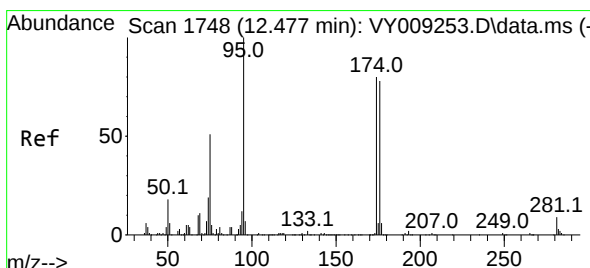
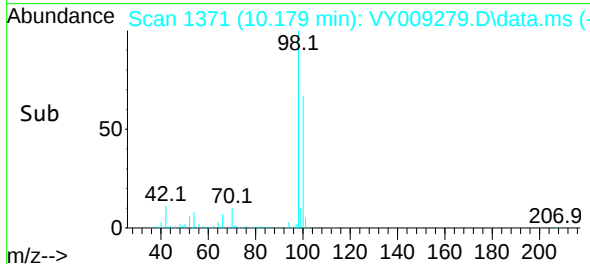
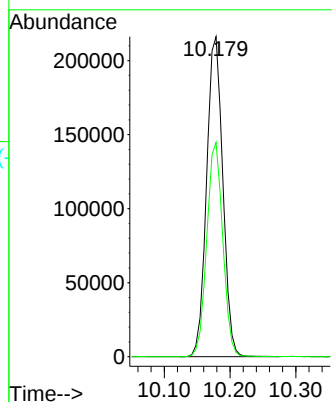
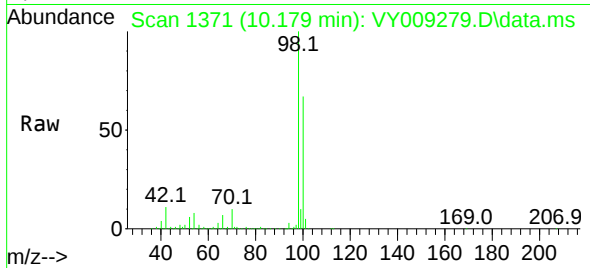




#50
Toluene-d8
Concen: 44.889 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

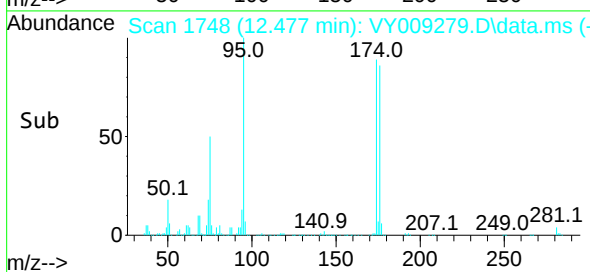
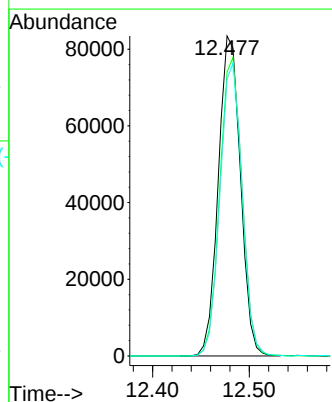
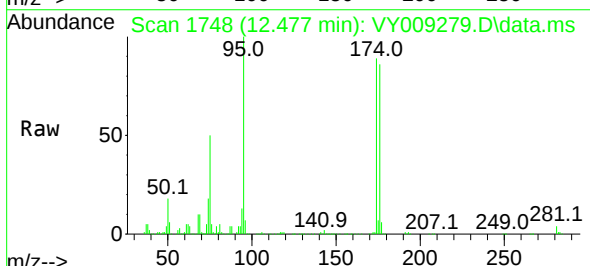
Instrument :
MSVOA_Y
ClientSampleId :
SB-5-6-8-20220621

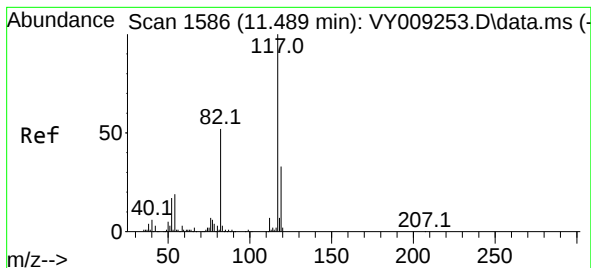
Tgt Ion: 98 Resp: 370130
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.689 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009279.D
Acq: 22 Jun 2022 18:06

Tgt Ion: 95 Resp: 132377
Ion Ratio Lower Upper
95 100
174 93.9 0.0 177.0
176 91.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009279.D

Acq: 22 Jun 2022 18:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-5-6-8-20220621

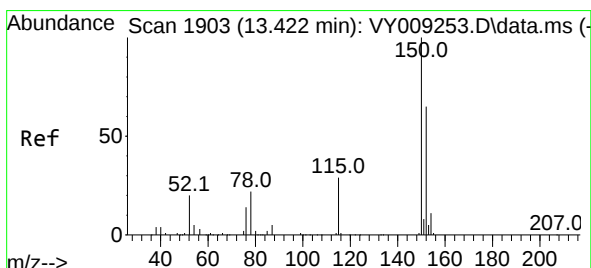
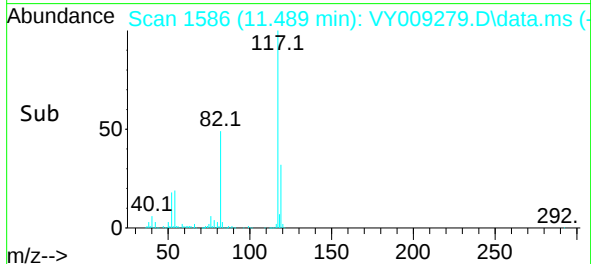
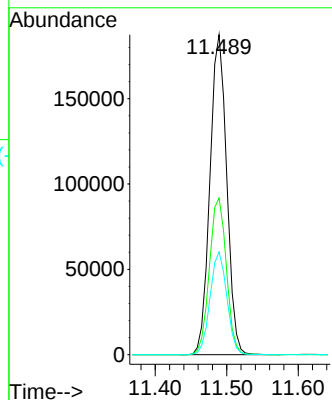
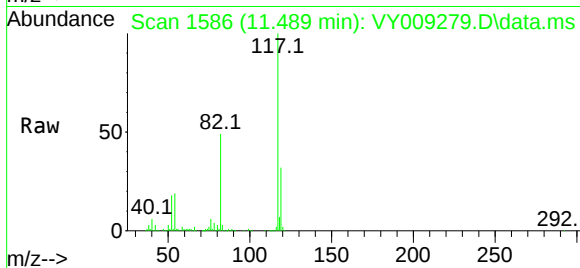
Tgt Ion:117 Resp: 305106

Ion Ratio Lower Upper

117 100

82 48.9 43.0 64.4

119 32.1 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009279.D

Acq: 22 Jun 2022 18:06

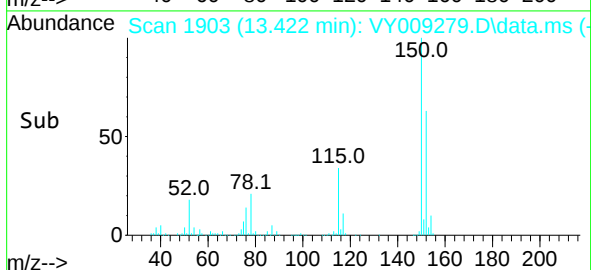
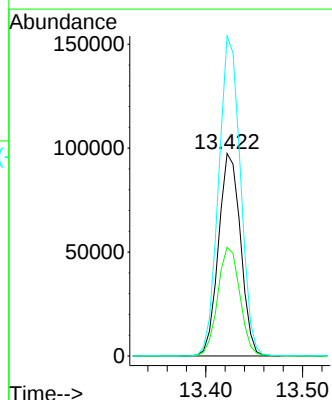
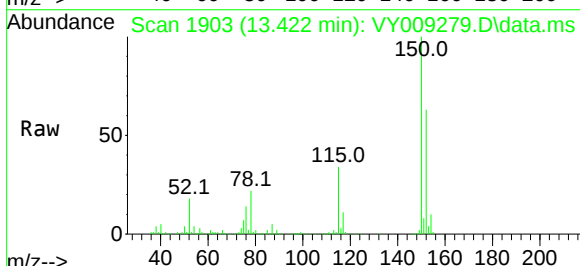
Tgt Ion:152 Resp: 154084

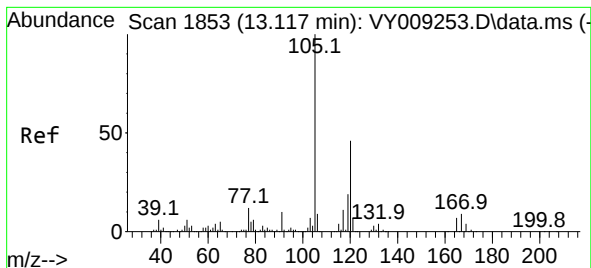
Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 156.2 0.0 347.6





#84

1,2,4-Trimethylbenzene

Concen: 1.826 ug/l

RT: 13.117 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009279.D

Acq: 22 Jun 2022 18:06

Instrument :

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ClientSampleId :

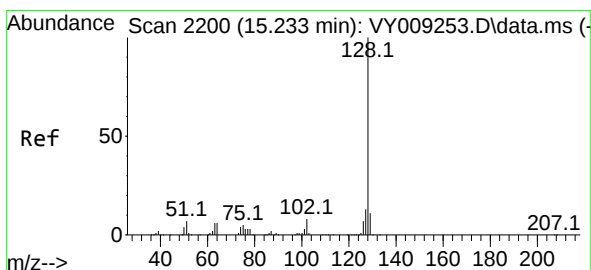
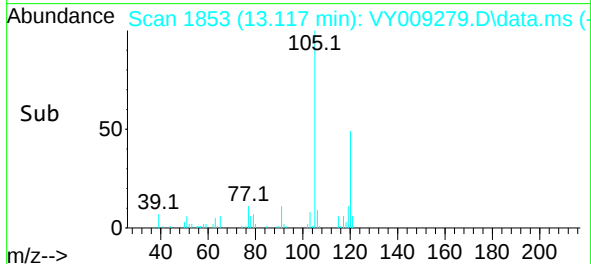
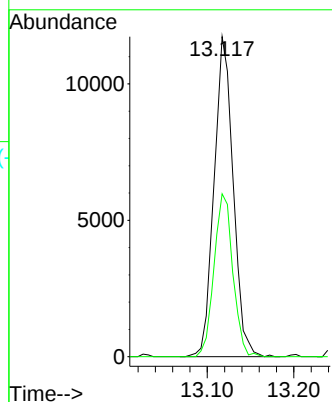
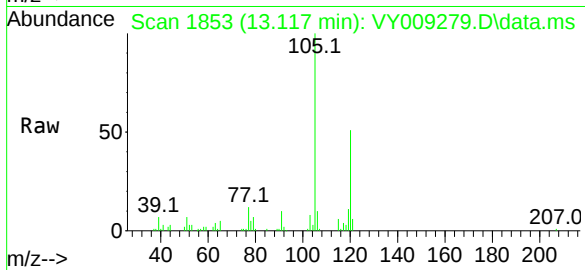
SB-5-6-8-20220621

Tgt Ion:105 Resp: 17959

Ion Ratio Lower Upper

105 100

120 50.1 22.3 66.9



#95

Naphthalene

Concen: 1.598 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY009279.D

Acq: 22 Jun 2022 18:06

Tgt Ion:128 Resp: 10001

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 11.3 8.4 12.6

