

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009594.D
 Acq On : 19 Jul 2022 17:02
 Operator : KP/MD
 Sample : N3651-05
 Misc : 6.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-SED

Quant Time: Jul 20 02:44:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 04:22:09 2022
 Response via : Initial Calibration

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

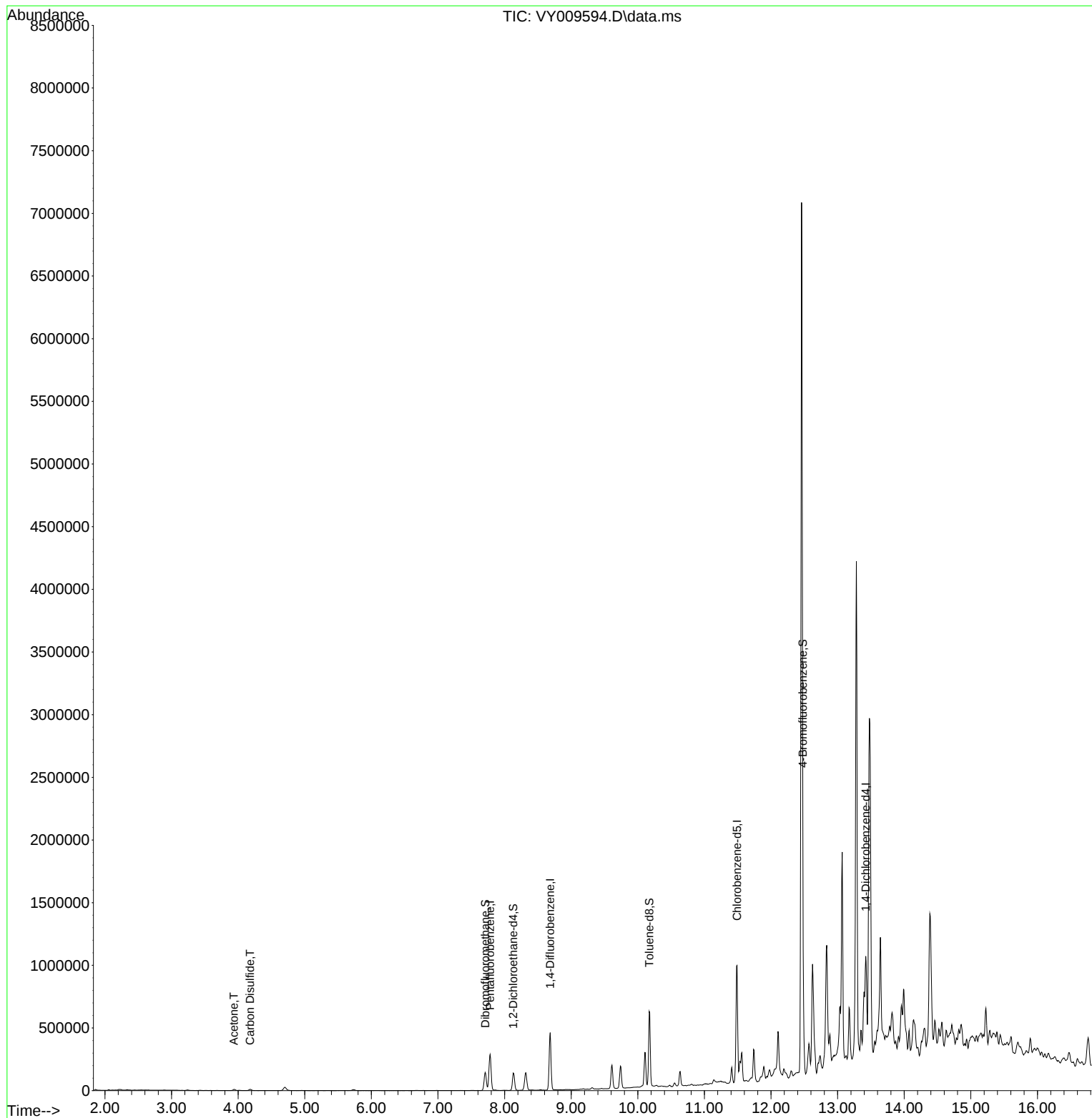
Internal Standards						
1) Pentafluorobenzene	7.783	168	242328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	403695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	386436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	108716	47.436	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.880%
35) Dibromofluoromethane	7.710	113	103837	40.828	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.660%
50) Toluene-d8	10.173	98	404625	41.385	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	82.780%
62) 4-Bromofluorobenzene	12.477	95	152410	48.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	96.220%
Target Compounds						
16) Acetone	3.936	43	16175	27.899	ug/l #	82
17) Carbon Disulfide	4.180	76	20172	2.912	ug/l #	95

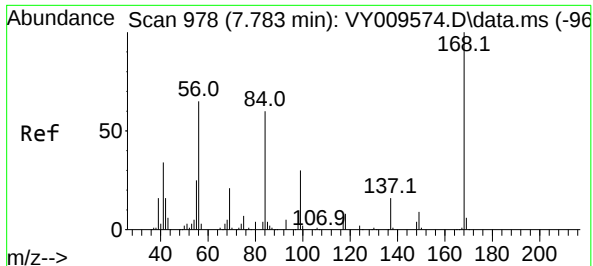
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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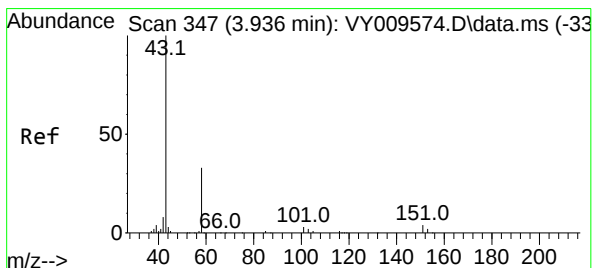
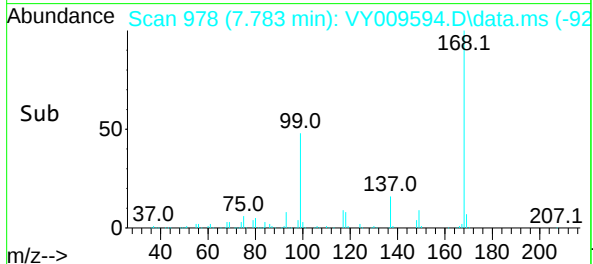
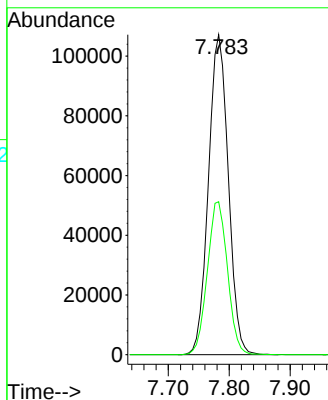
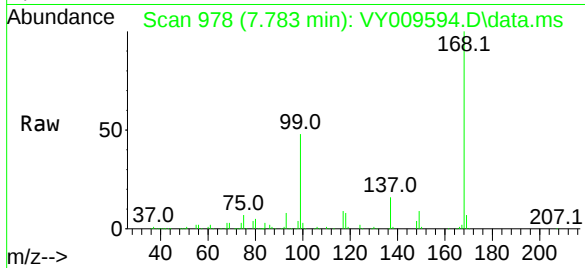




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009594.D
Acq: 19 Jul 2022 17:02

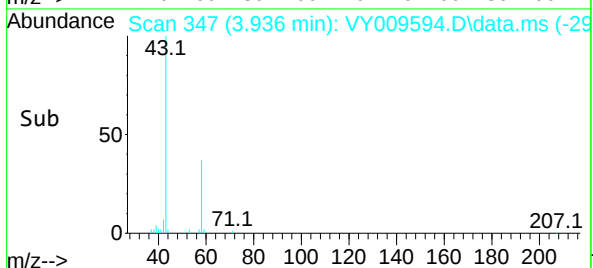
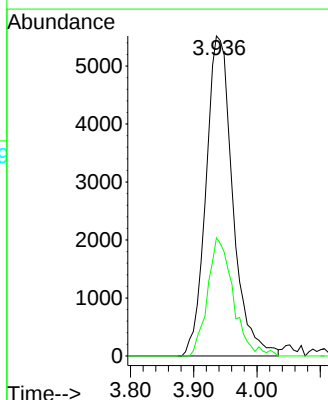
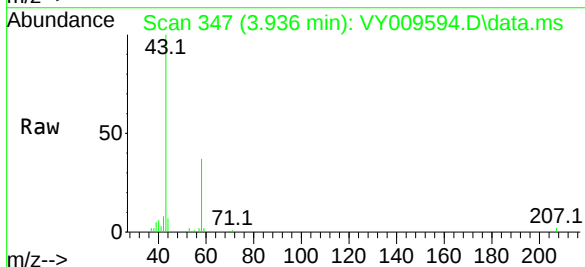
Instrument :
MSVOA_Y
ClientSampleId :
DUP-SED

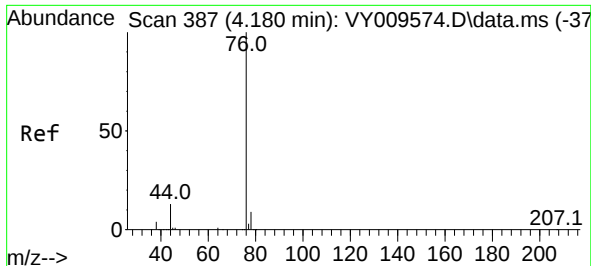
Tgt Ion:168 Resp: 242328
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#16
Acetone
Concen: 27.899 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009594.D
Acq: 19 Jul 2022 17:02

Tgt Ion: 43 Resp: 16175
Ion Ratio Lower Upper
43 100
58 36.9 22.0 33.0#

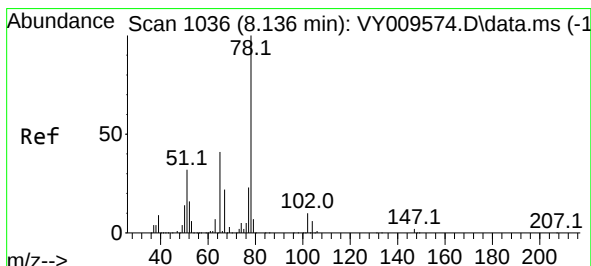
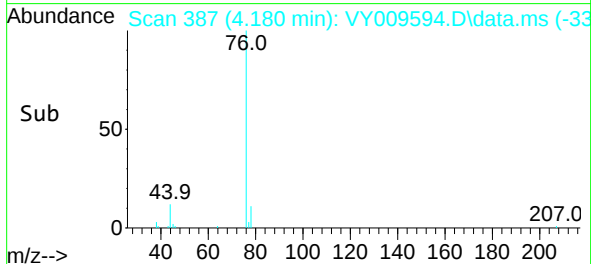
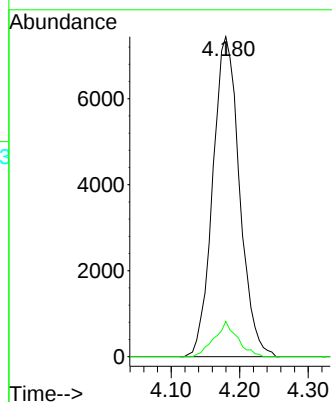
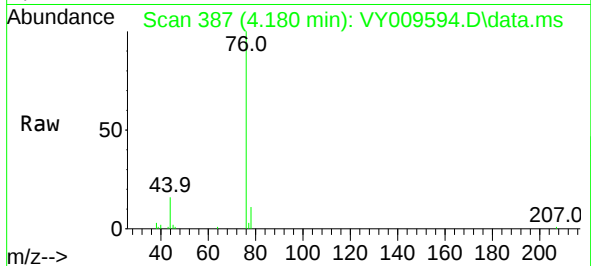




#17
Carbon Disulfide
Concen: 2.912 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY009594.D
Acq: 19 Jul 2022 17:02

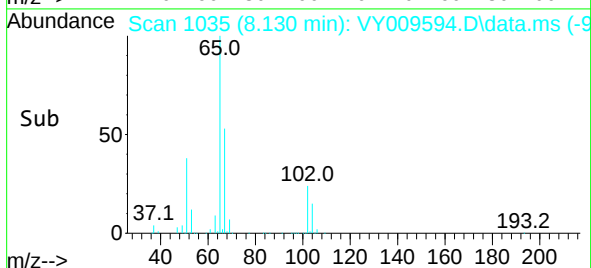
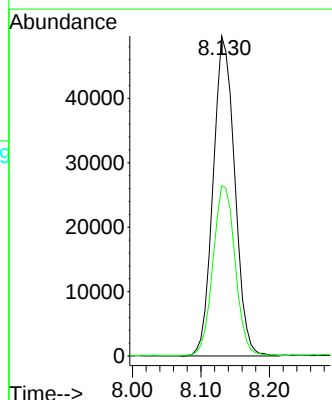
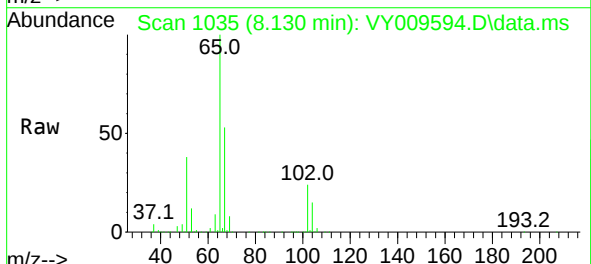
Instrument :
MSVOA_Y
ClientSampleId :
DUP-SED

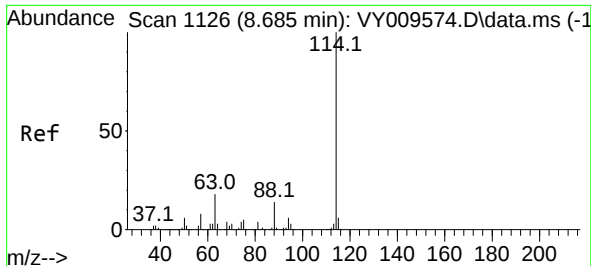
Tgt Ion: 76 Resp: 20172
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.0#



#33
1,2-Dichloroethane-d4
Concen: 47.436 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009594.D
Acq: 19 Jul 2022 17:02

Tgt Ion: 65 Resp: 108716
Ion Ratio Lower Upper
65 100
67 54.3 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: VY009594.D

Acq: 19 Jul 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

DUP-SED

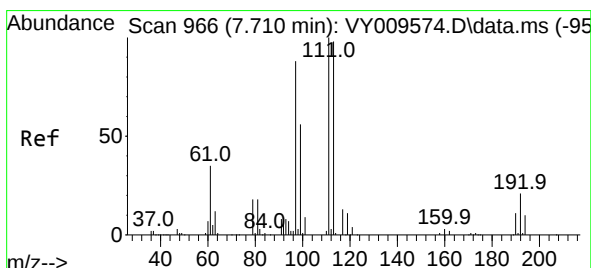
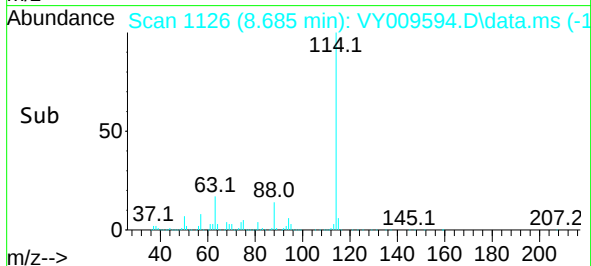
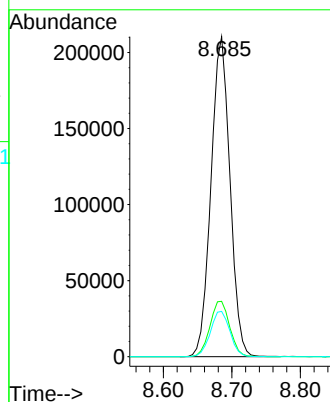
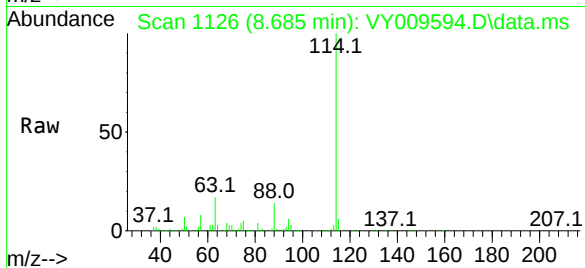
Tgt Ion:114 Resp: 403695

Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.828 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009594.D

Acq: 19 Jul 2022 17:02

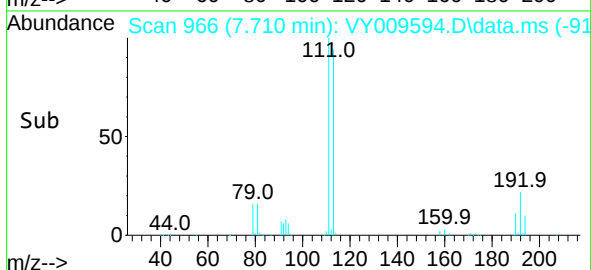
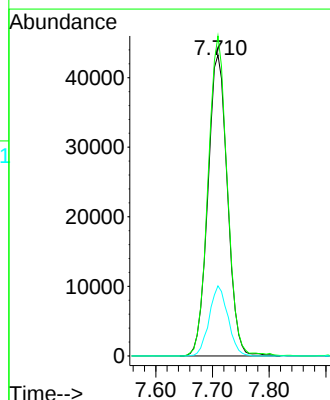
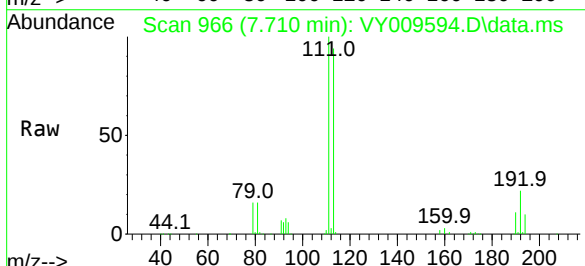
Tgt Ion:113 Resp: 103837

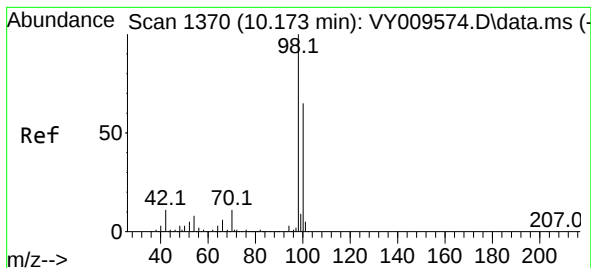
Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 22.2 17.6 26.4

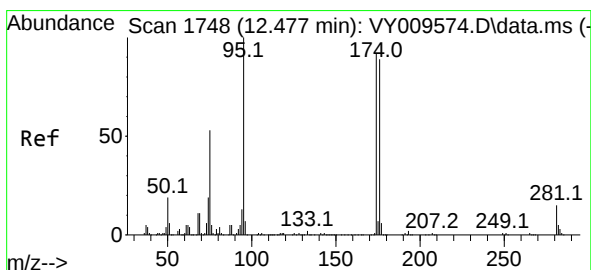
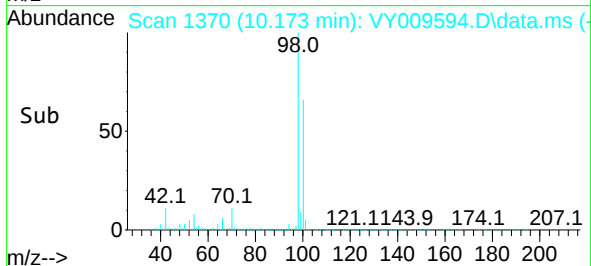
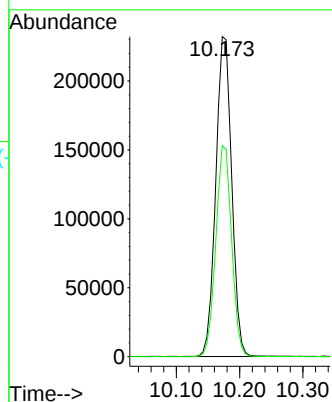
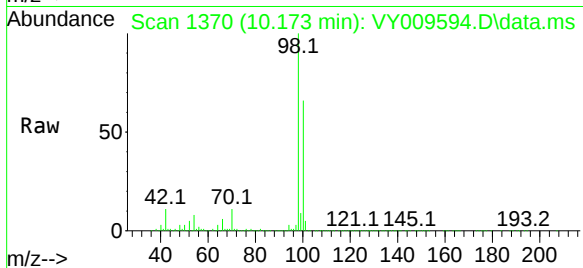




#50
Toluene-d8
Concen: 41.385 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009594.D
Acq: 19 Jul 2022 17:02

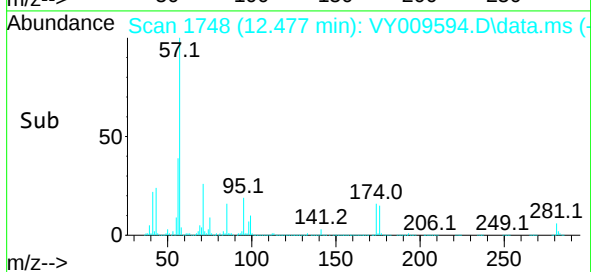
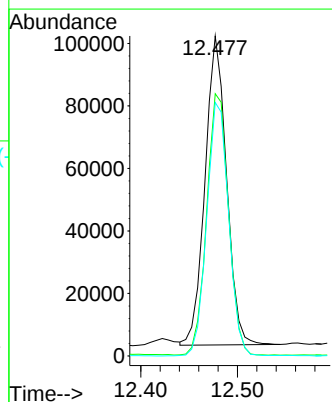
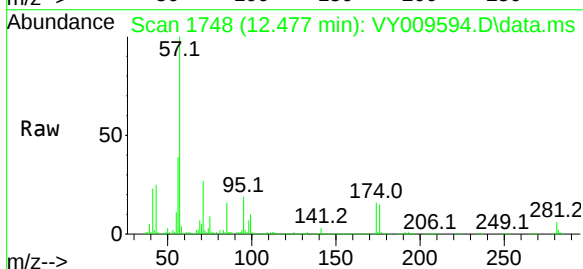
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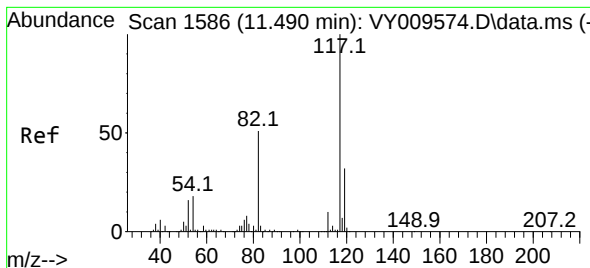
Tgt Ion: 98 Resp: 404625
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.108 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009594.D
Acq: 19 Jul 2022 17:02

Tgt Ion: 95 Resp: 152410
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 83.4 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: VY009594.D

Acq: 19 Jul 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

DUP-SED

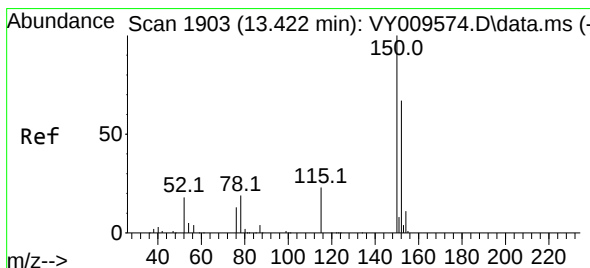
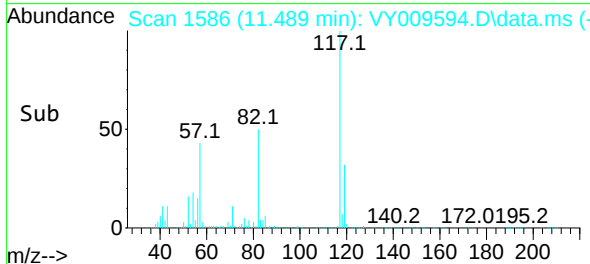
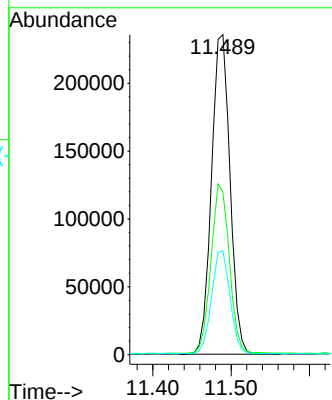
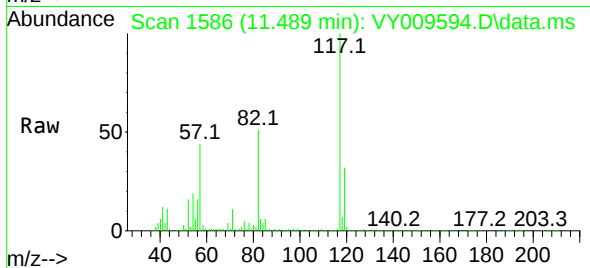
Tgt Ion:117 Resp: 386436

Ion Ratio Lower Upper

117 100

82 50.4 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: VY009594.D

Acq: 19 Jul 2022 17:02

Tgt Ion:152 Resp: 185531

Ion Ratio Lower Upper

152 100

115 54.5 28.2 84.7

150 152.6 0.0 347.6

