

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071922\
 Data File : VY009601.D
 Acq On : 19 Jul 2022 19:47
 Operator : KP/MD
 Sample : N3652-04
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SED-4-(6-12)

Quant Time: Jul 20 02:46:05 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)

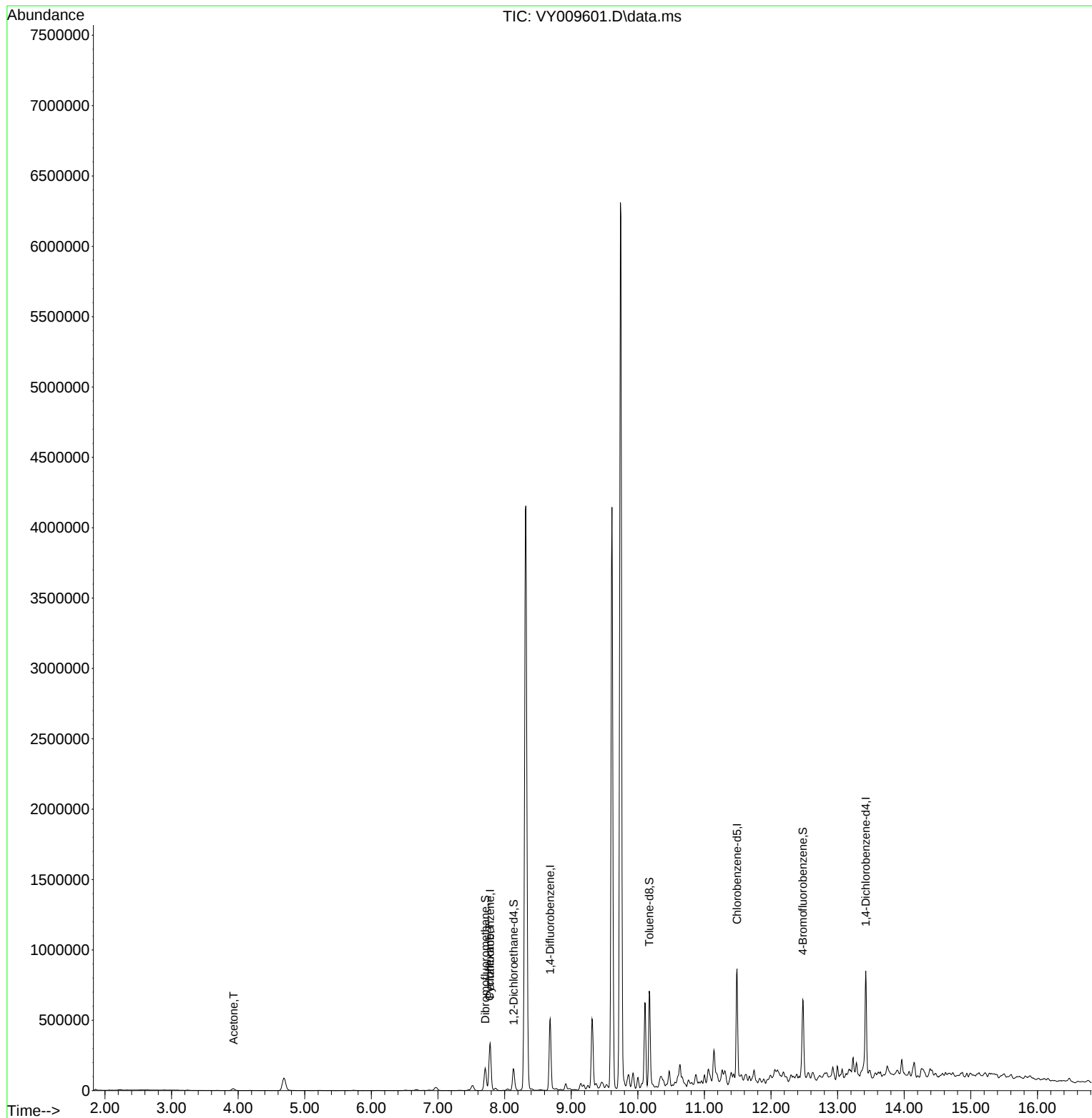
Internal Standards						
1) Pentafluorobenzene	7.783	168	276435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	456260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	420875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	198329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	116879	44.706	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.420%
35) Dibromofluoromethane	7.710	113	114953	39.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.980%
50) Toluene-d8	10.173	98	448927	40.626	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	81.260%
62) 4-Bromofluorobenzene	12.477	95	161671	45.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	90.300%
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	9025	13.646	ug/l #	66
31) Cyclohexane	7.777	56	8666	1.880	ug/l #	9

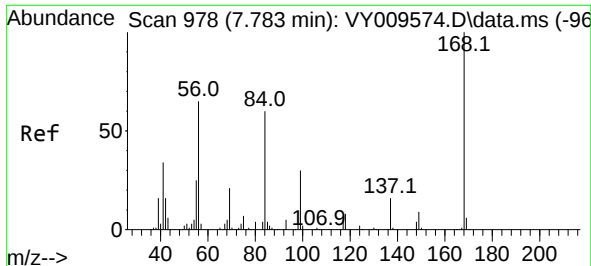
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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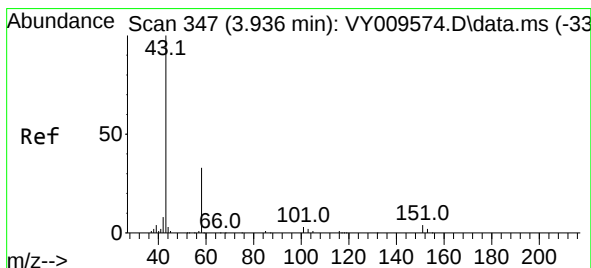
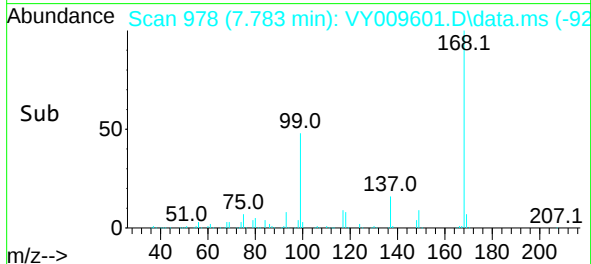
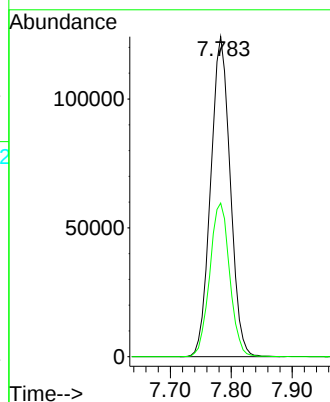
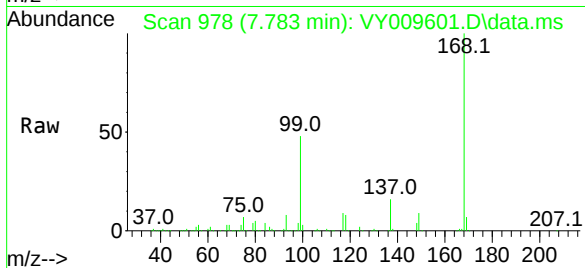




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009601.D
Acq: 19 Jul 2022 19:47

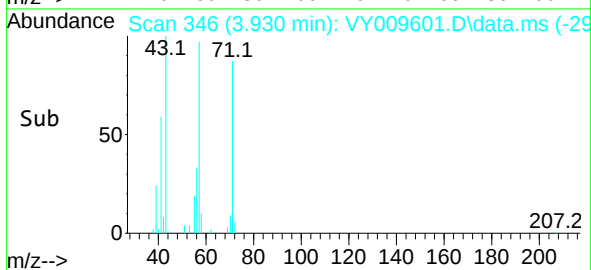
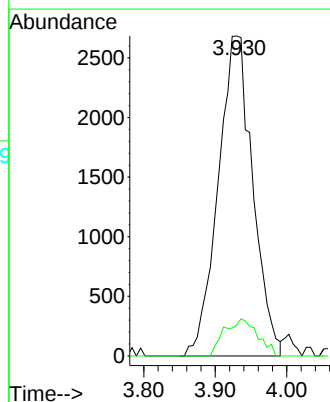
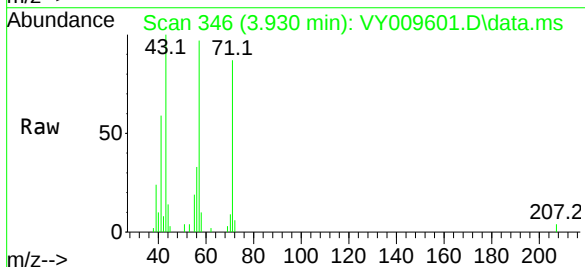
Instrument :
MSVOA_Y
ClientSampleId :
SED-4-(6-12)

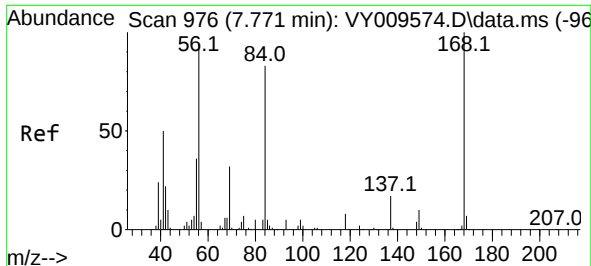
Tgt Ion:168 Resp: 276435
Ion Ratio Lower Upper
168 100
99 48.0 46.9 70.3



#16
Acetone
Concen: 13.646 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY009601.D
Acq: 19 Jul 2022 19:47

Tgt Ion: 43 Resp: 9025
Ion Ratio Lower Upper
43 100
58 9.6 22.0 33.0#

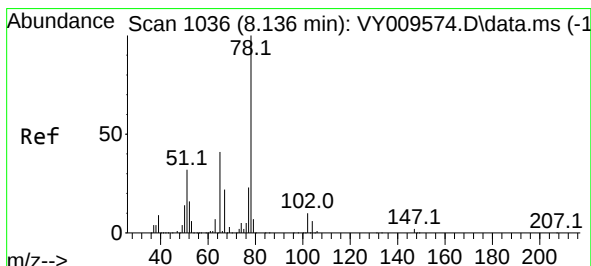
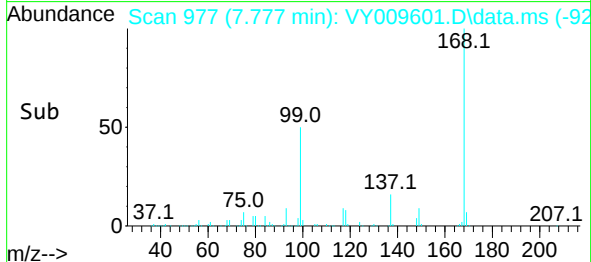
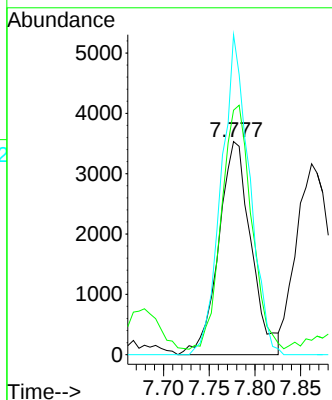
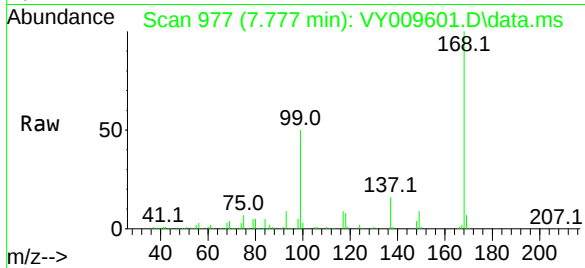




#31
Cyclohexane
Concen: 1.880 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009601.D
Acq: 19 Jul 2022 19:47

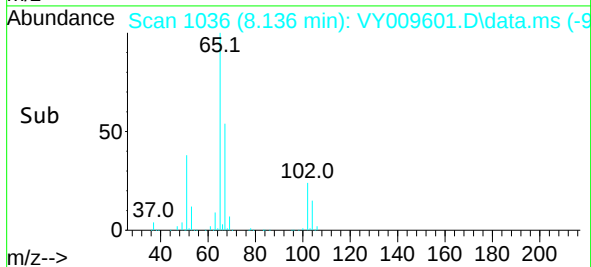
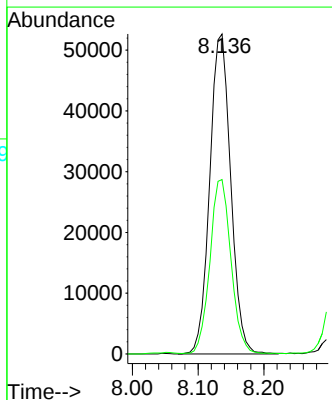
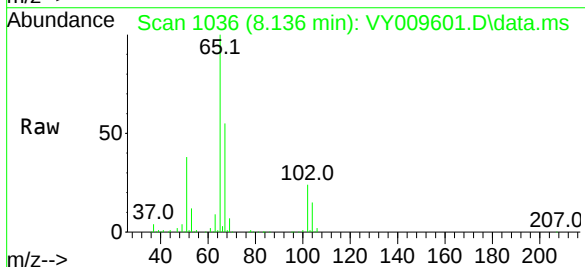
Instrument :
MSVOA_Y
ClientSampleId :
SED-4-(6-12)

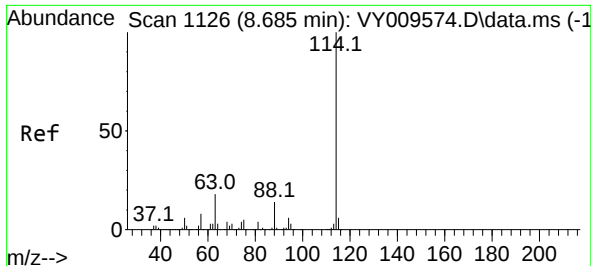
Tgt Ion: 56 Resp: 8666
Ion Ratio Lower Upper
56 100
69 111.5 26.7 40.1#
84 150.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 44.706 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009601.D
Acq: 19 Jul 2022 19:47

Tgt Ion: 65 Resp: 116879
Ion Ratio Lower Upper
65 100
67 54.5 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: VY009601.D

Acq: 19 Jul 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

SED-4-(6-12)

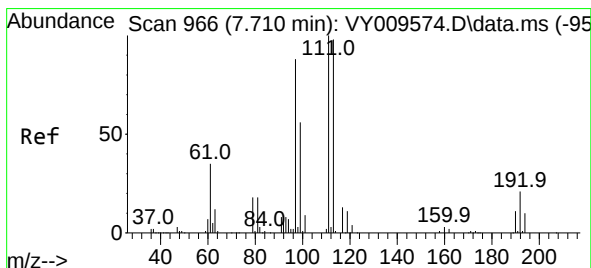
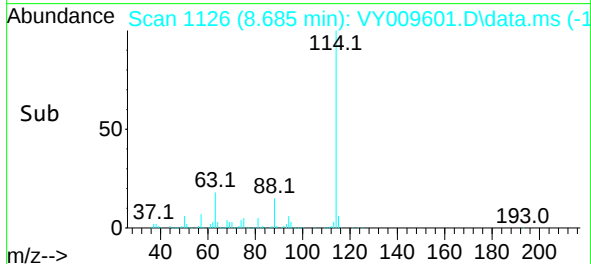
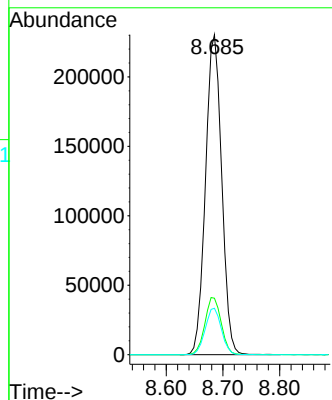
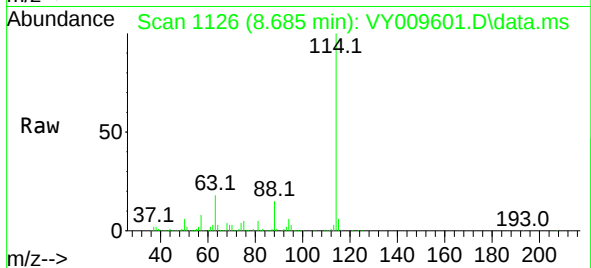
Tgt Ion:114 Resp: 456260

Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.992 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009601.D

Acq: 19 Jul 2022 19:47

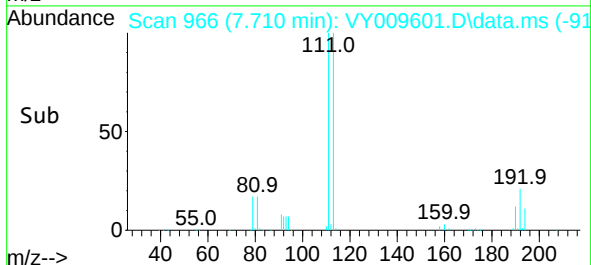
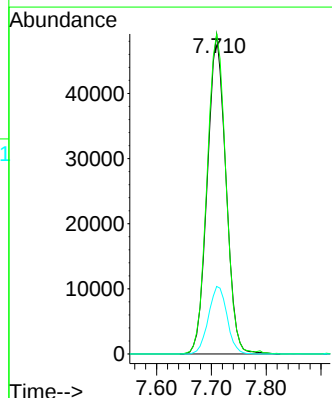
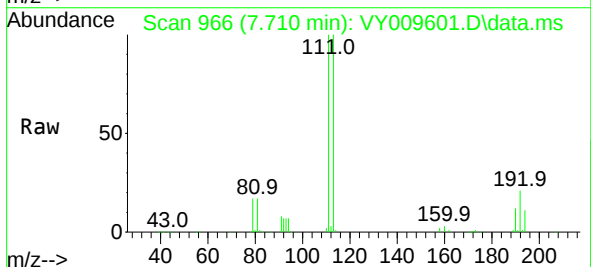
Tgt Ion:113 Resp: 114953

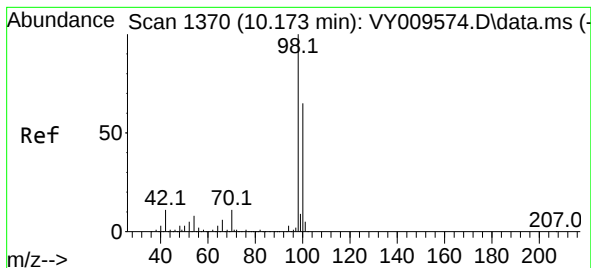
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 21.2 17.6 26.4

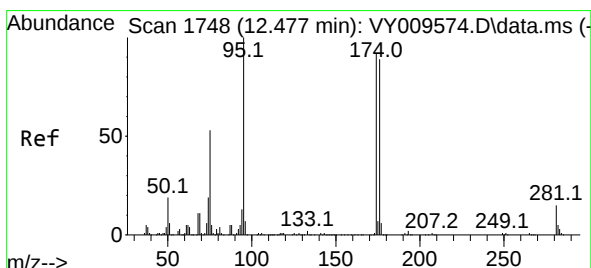
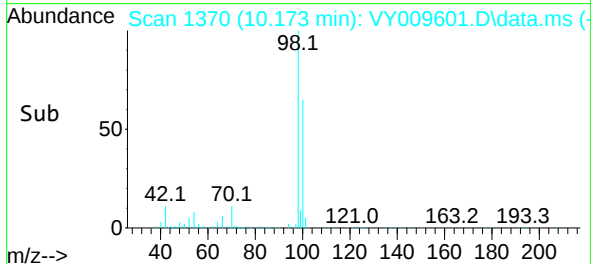
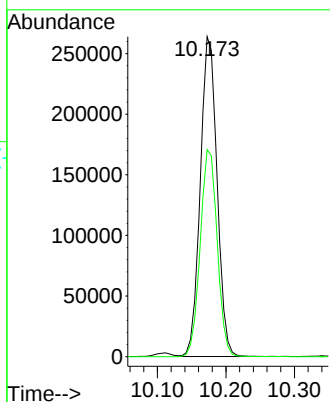
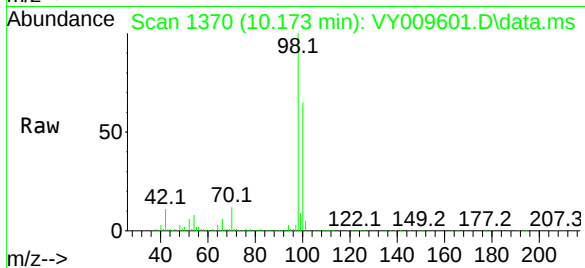




#50
Toluene-d8
Concen: 40.626 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009601.D
Acq: 19 Jul 2022 19:47

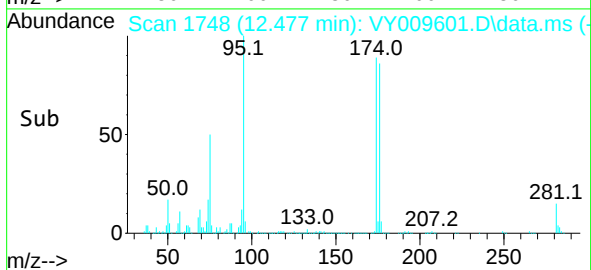
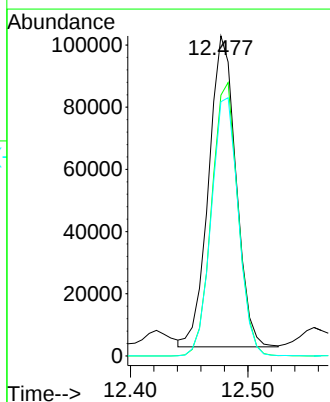
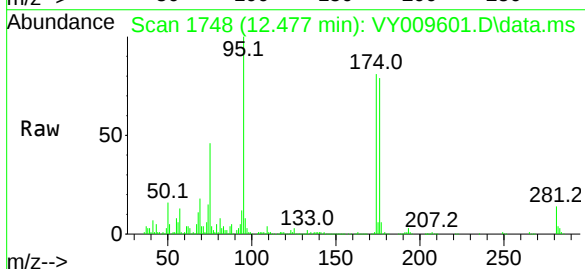
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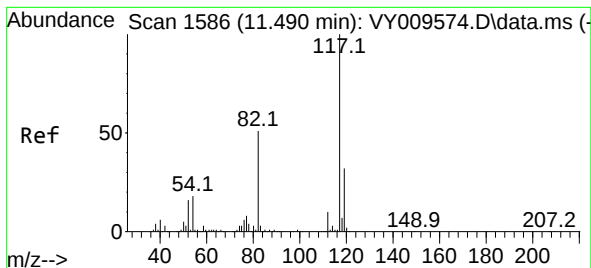
Tgt Ion: 98 Resp: 448927
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.152 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009601.D
Acq: 19 Jul 2022 19:47

Tgt Ion: 95 Resp: 161671
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 82.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009601.D

Acq: 19 Jul 2022 19:47

Instrument :

MSVOA_Y

ClientSampleId :

SED-4-(6-12)

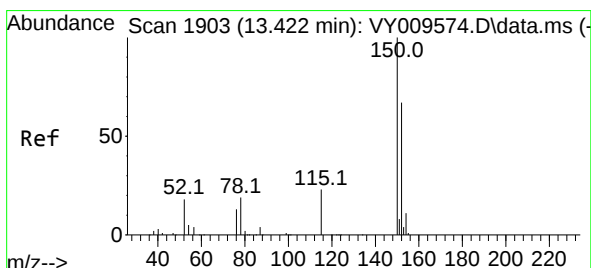
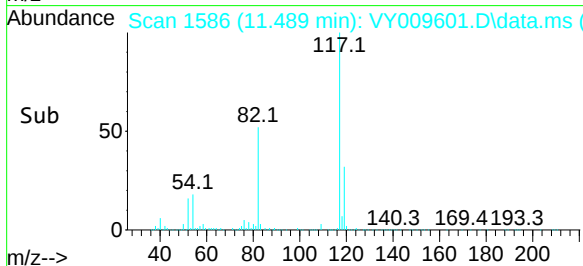
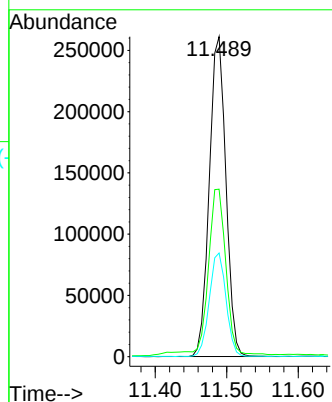
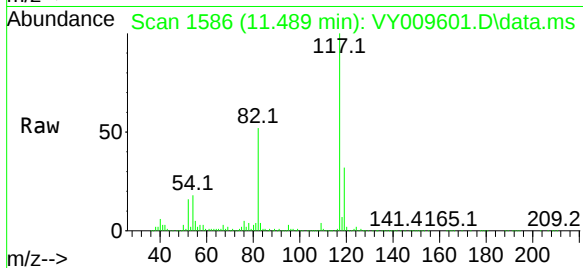
Tgt Ion:117 Resp: 420875

Ion Ratio Lower Upper

117 100

82 51.7 43.0 64.4

119 32.3 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: VY009601.D

Acq: 19 Jul 2022 19:47

Tgt Ion:152 Resp: 198329

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 154.5 0.0 347.6

