

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
 Data File : VY009864.D
 Acq On : 05 Aug 2022 20:32
 Operator : KP/MD
 Sample : N4064-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-18

Quant Time: Aug 06 01:22:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

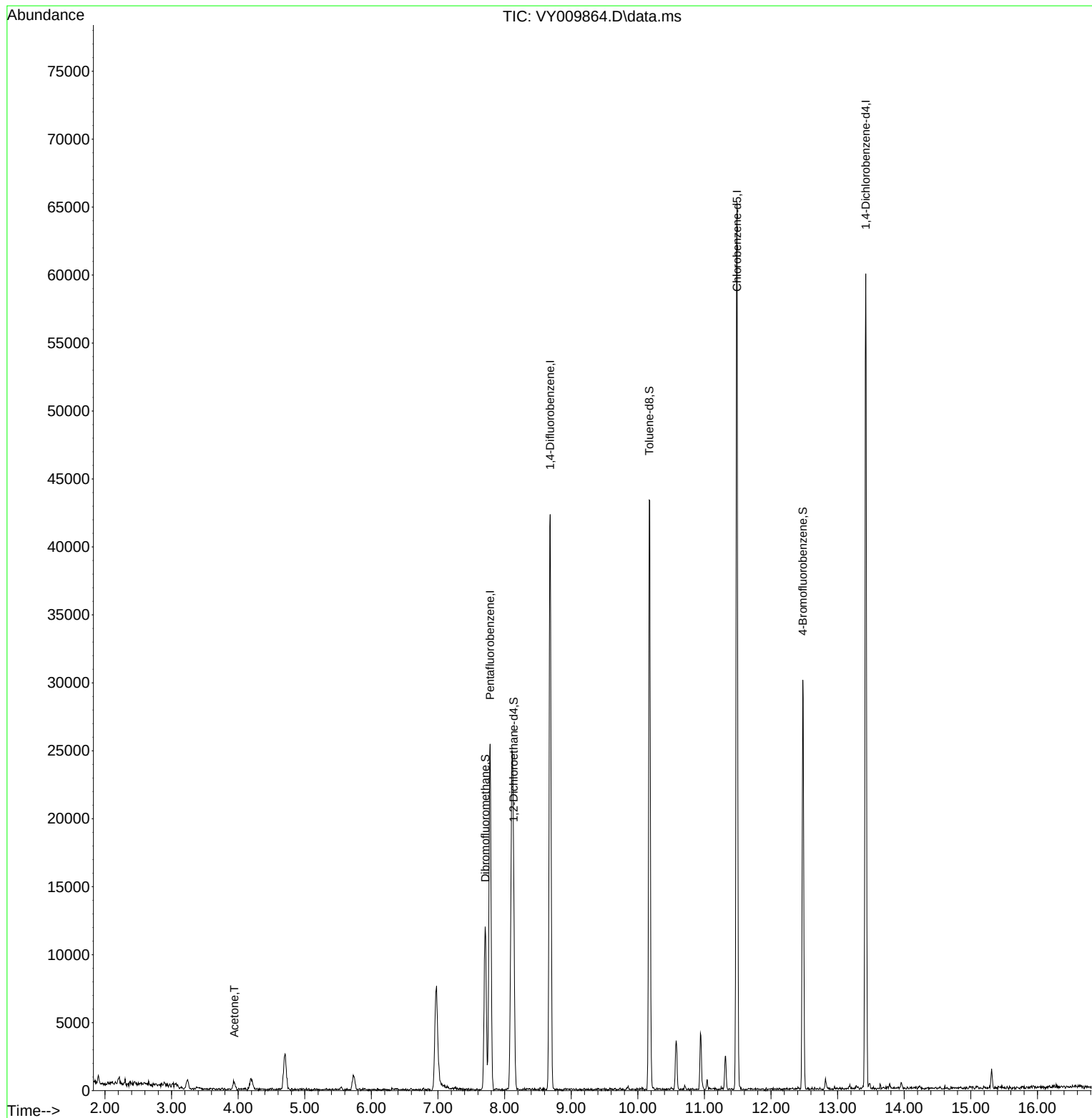
Internal Standards						
1) Pentafluorobenzene	7.783	168	19421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	35228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	33864	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	15661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8178	51.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.780%
35) Dibromofluoromethane	7.710	113	8372	38.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.960%
50) Toluene-d8	10.173	98	28074	43.642	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	87.280%
62) 4-Bromofluorobenzene	12.477	95	7898	27.155	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	54.300%
Target Compounds						
16) Acetone	3.942	43	1002	18.226	ug/l	Qvalue # 84

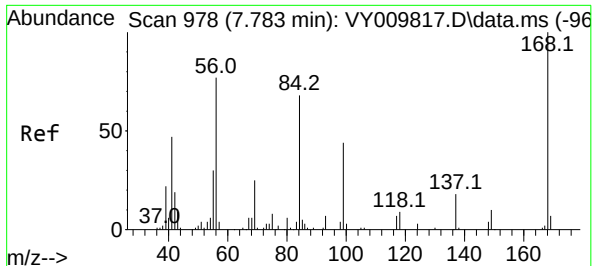
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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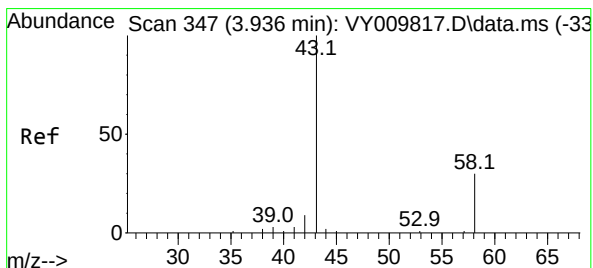
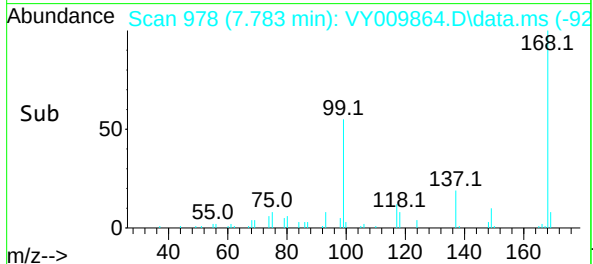
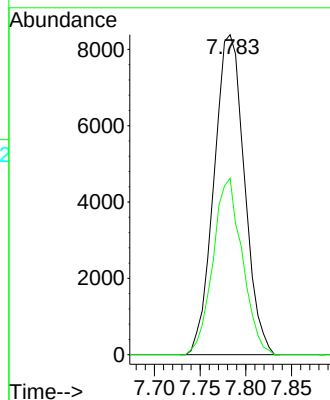
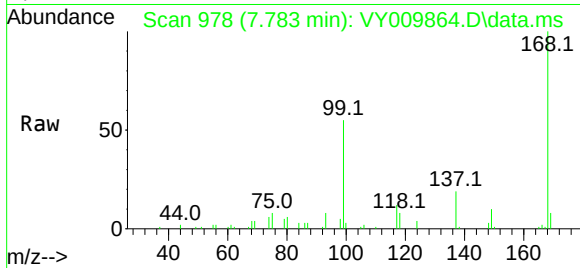




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

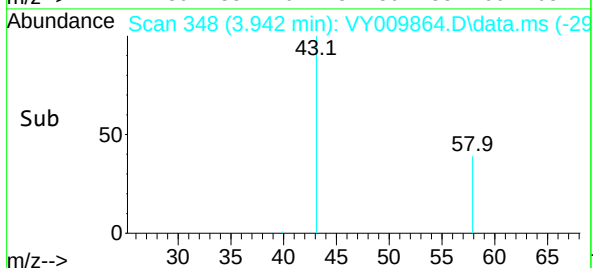
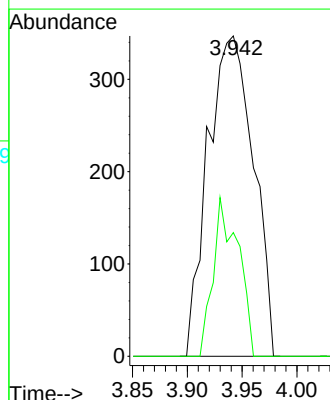
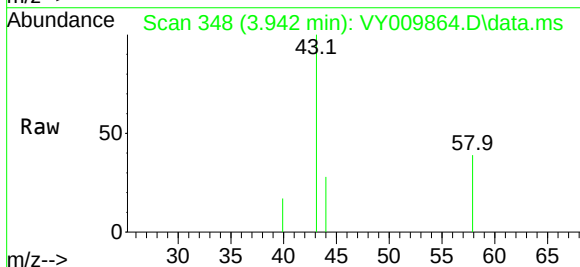
Instrument :
MSVOA_Y
ClientSampleId :
SB-18

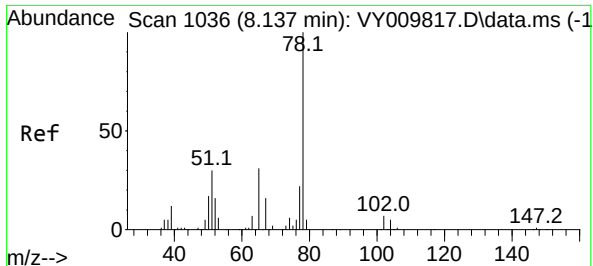
Tgt Ion:168 Resp: 19421
Ion Ratio Lower Upper
168 100
99 55.1 44.7 67.1



#16
Acetone
Concen: 18.226 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

Tgt Ion: 43 Resp: 1002
Ion Ratio Lower Upper
43 100
58 38.6 24.1 36.1#





#33

1,2-Dichloroethane-d4

Concen: 51.392 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY009864.D

Acq: 05 Aug 2022 20:32

Instrument :

MSVOA_Y

ClientSampleId :

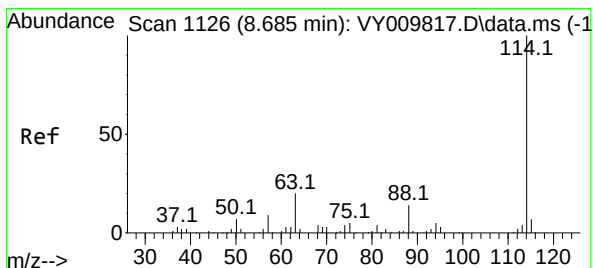
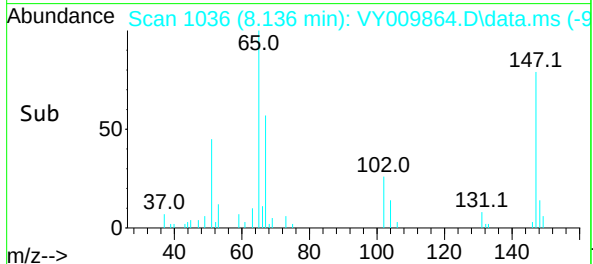
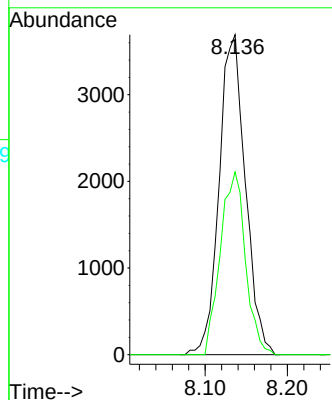
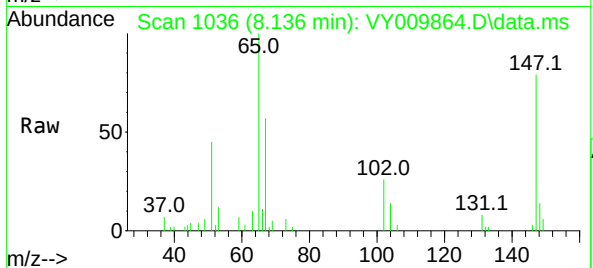
SB-18

Tgt Ion: 65 Resp: 8178

Ion Ratio Lower Upper

65 100

67 54.6 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009864.D

Acq: 05 Aug 2022 20:32

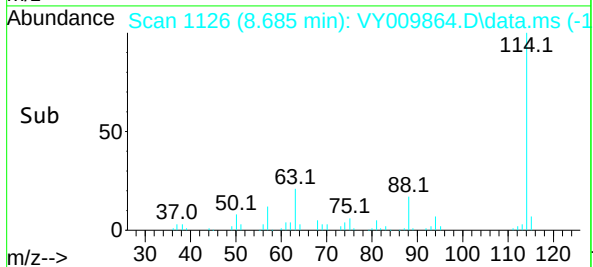
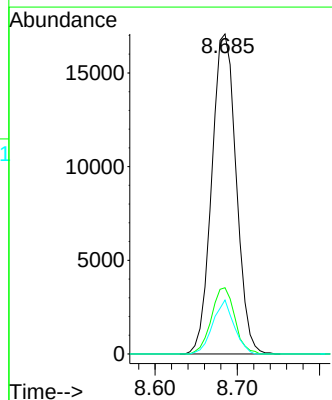
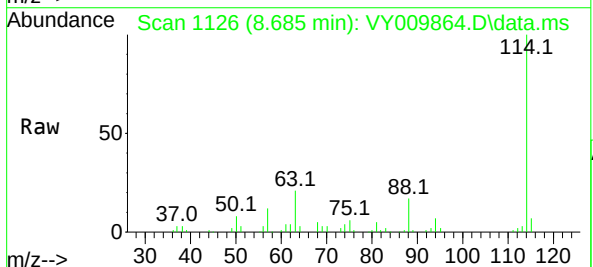
Tgt Ion: 114 Resp: 35228

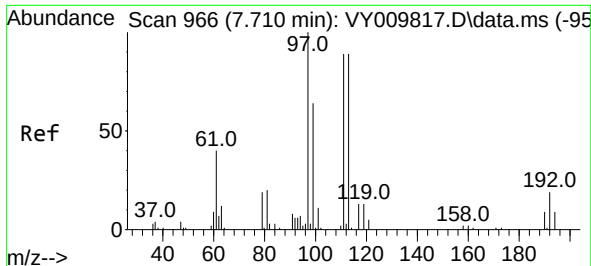
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 16.8 0.0 27.6





#35

Dibromofluoromethane

Concen: 38.978 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY009864.D

Acq: 05 Aug 2022 20:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-18

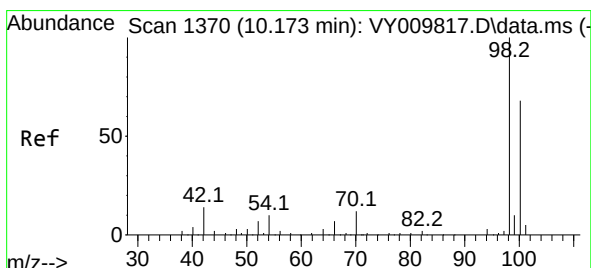
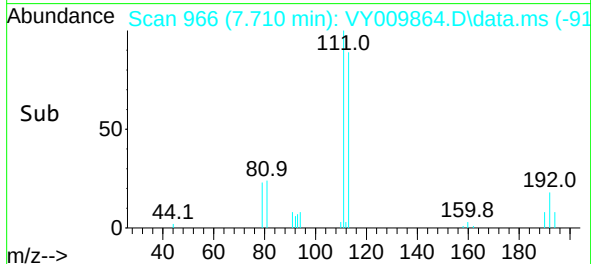
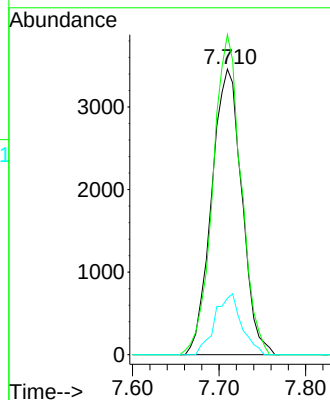
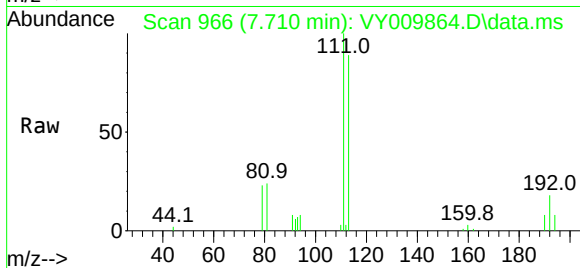
Tgt Ion:113 Resp: 8372

Ion Ratio Lower Upper

113 100

111 104.5 82.4 123.6

192 18.8 16.5 24.7



#50

Toluene-d8

Concen: 43.642 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY009864.D

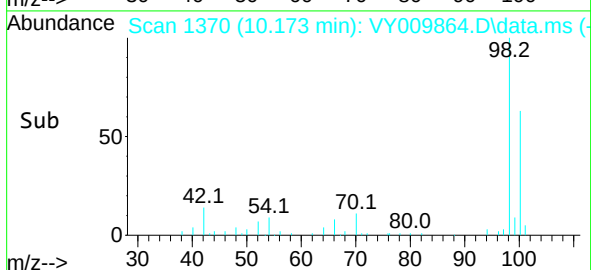
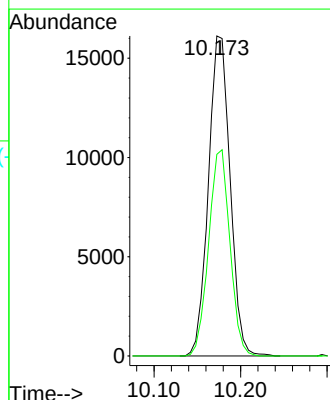
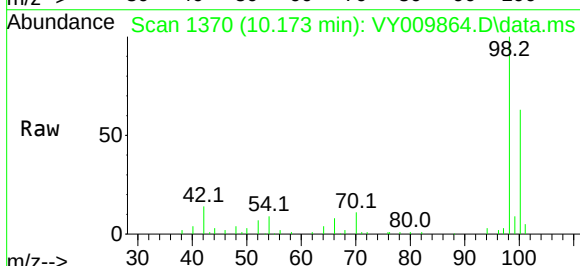
Acq: 05 Aug 2022 20:32

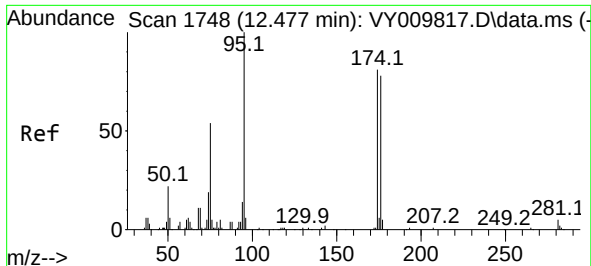
Tgt Ion: 98 Resp: 28074

Ion Ratio Lower Upper

98 100

100 63.1 53.4 80.2

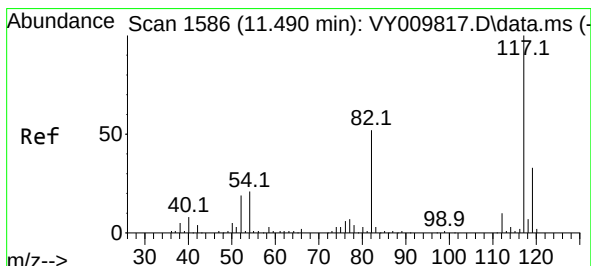
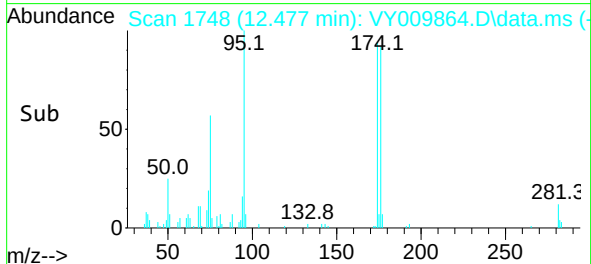
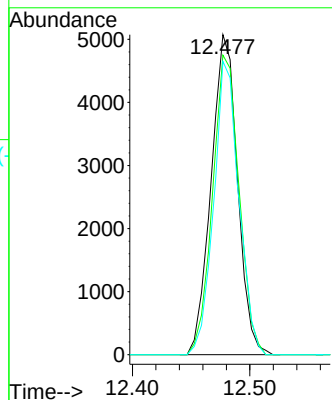
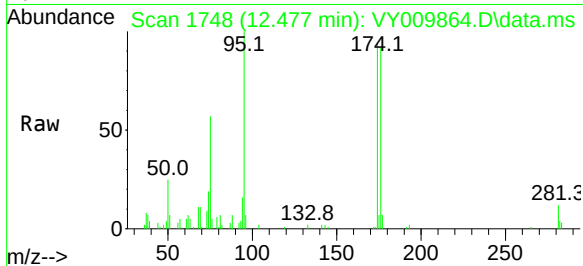




#62
4-Bromofluorobenzene
Concen: 27.155 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

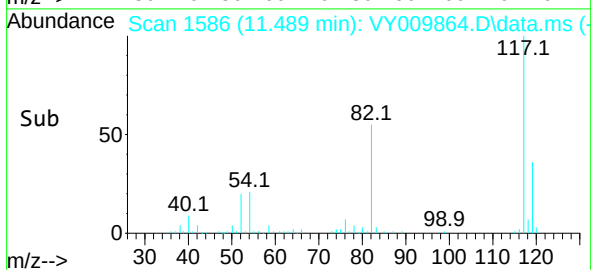
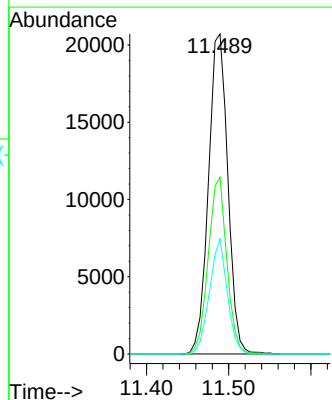
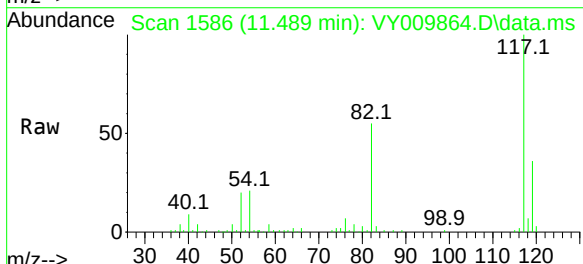
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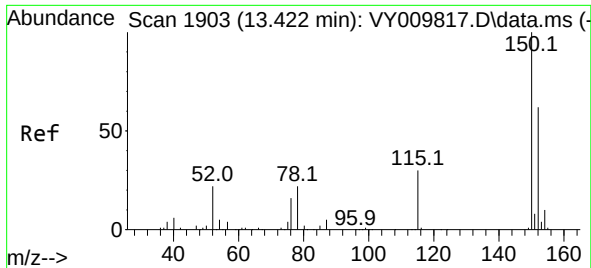
Tgt Ion:	95	Resp:	7898
Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	168.6
176	87.4	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009864.D
Acq: 05 Aug 2022 20:32

Tgt Ion:	117	Resp:	33864
Ion	Ratio	Lower	Upper
117	100		
82	55.3	41.7	62.5
119	36.0	26.6	40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009864.D

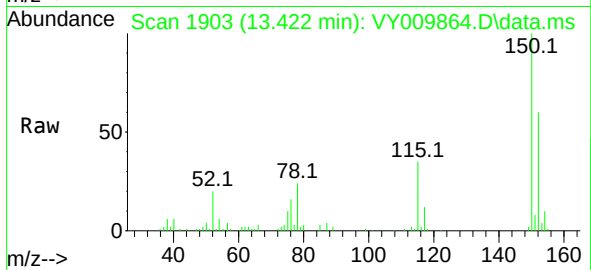
Acq: 05 Aug 2022 20:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-18



Tgt Ion:152 Resp: 15661

Ion Ratio Lower Upper

152 100

115 55.0 28.9 86.7

150 153.9 0.0 354.2

