

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009841.D
 Acq On : 04 Aug 2022 18:42
 Operator : KP/MD
 Sample : N3998-03
 Misc : 4.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3

Quant Time: Aug 05 01:45:00 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)

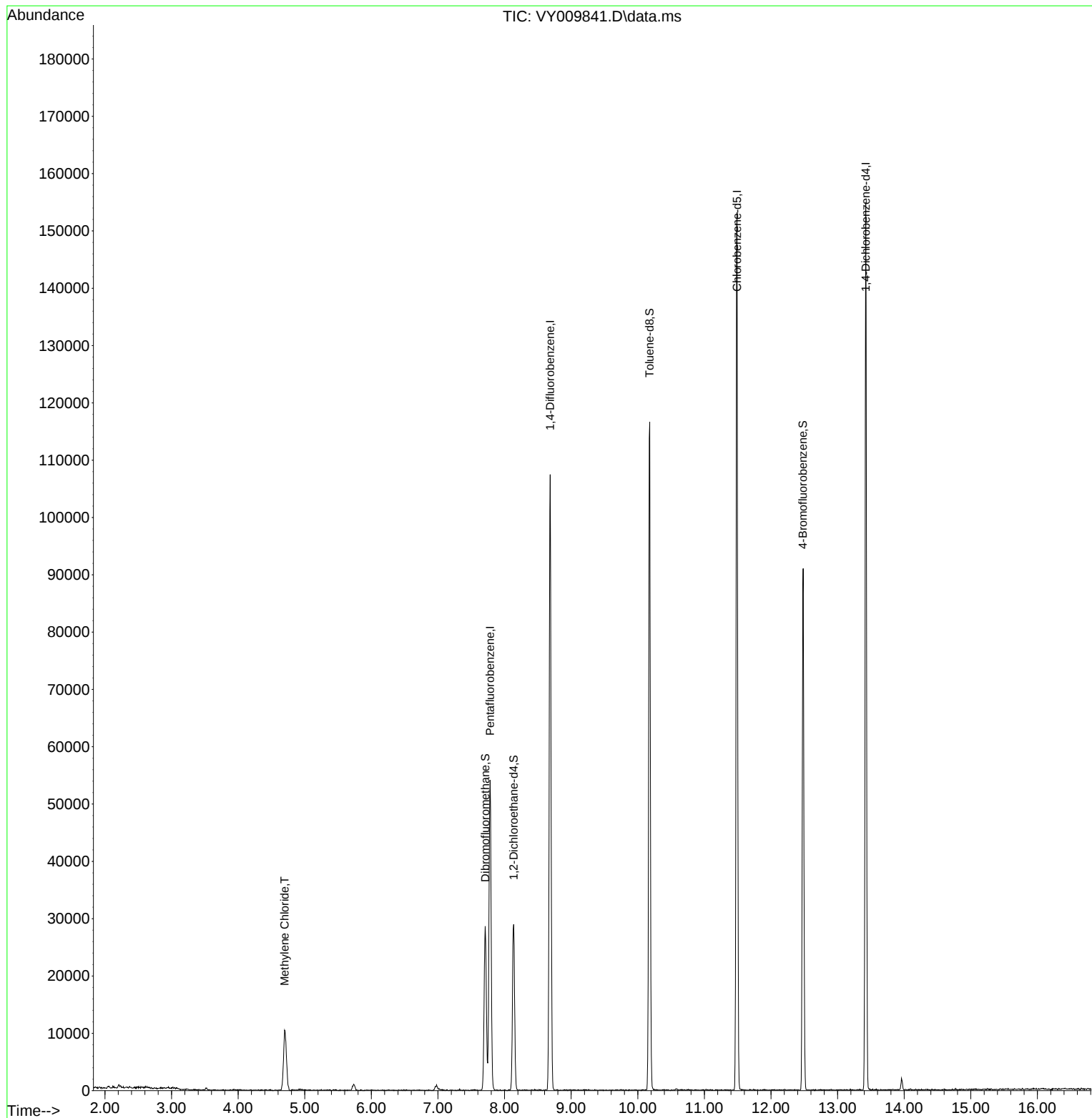
Internal Standards						
1) Pentafluorobenzene	7.783	168	41332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	87996	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	81107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	21880	66.385	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.760%
35) Dibromofluoromethane	7.710	113	19808	36.919	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.840%
50) Toluene-d8	10.179	98	74384	46.779	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	93.560%
62) 4-Bromofluorobenzene	12.477	95	22559	31.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	62.100%
Target Compounds						Qvalue
20) Methylene Chloride	4.698	84	7390	6.841	ug/l	95

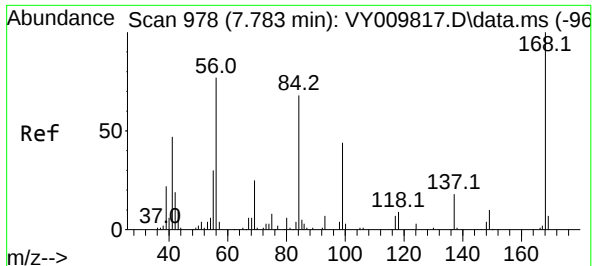
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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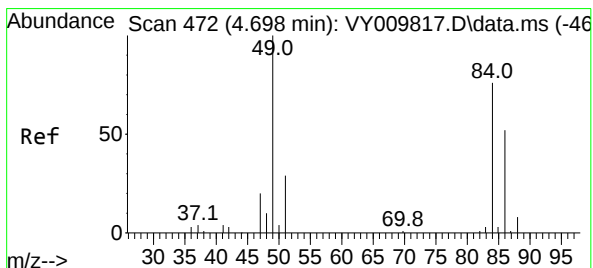
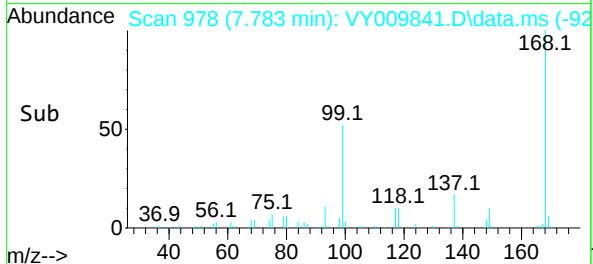
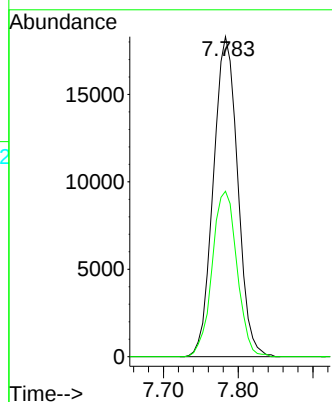
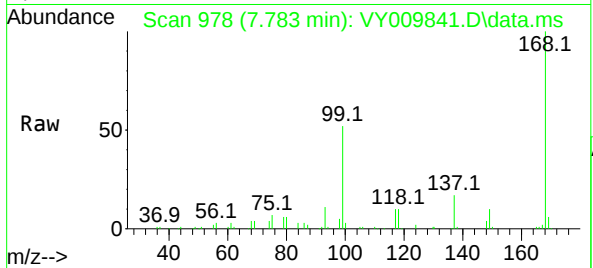




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

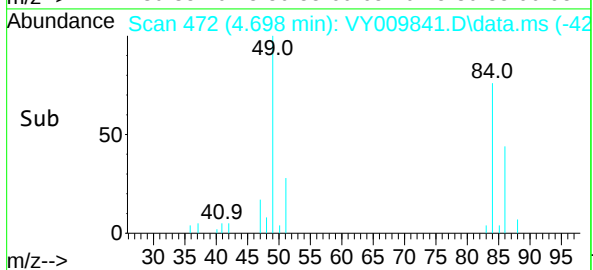
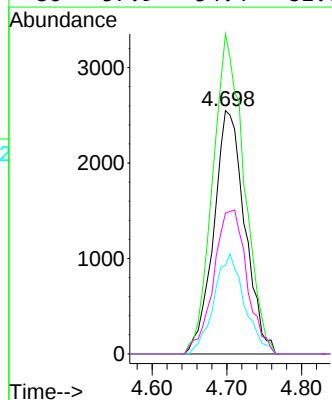
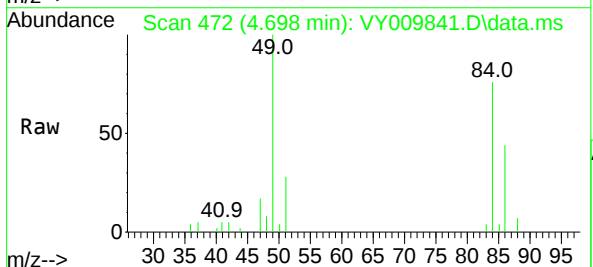
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

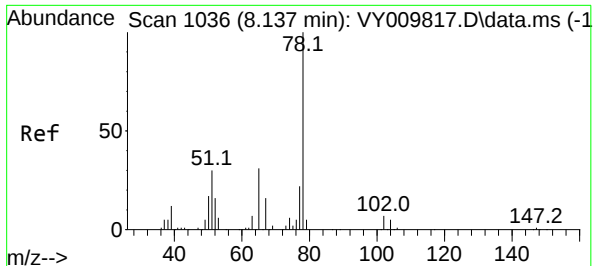
Tgt Ion:168 Resp: 41332
Ion Ratio Lower Upper
168 100
99 51.7 44.7 67.1



#20
Methylene Chloride
Concen: 6.841 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

Tgt Ion: 84 Resp: 7390
Ion Ratio Lower Upper
84 100
49 131.5 104.6 156.8
51 36.4 30.9 46.3
86 57.9 54.4 81.6





#33

1,2-Dichloroethane-d4

Concen: 66.385 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009841.D

Acq: 04 Aug 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :

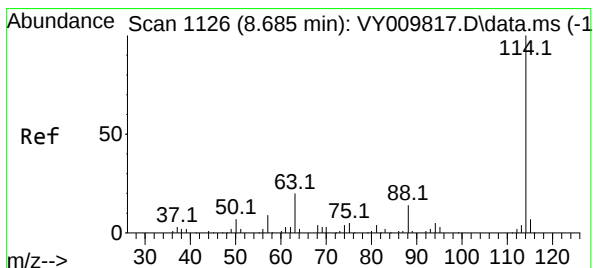
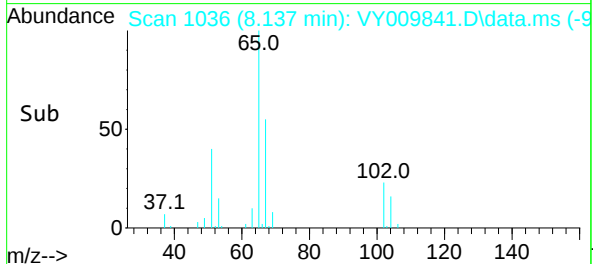
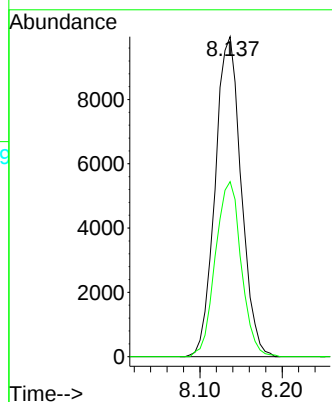
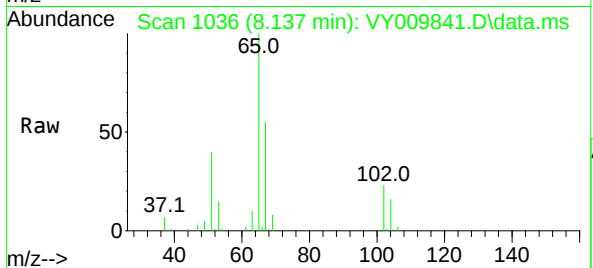
SB-3

Tgt Ion: 65 Resp: 21880

Ion Ratio Lower Upper

65 100

67 54.5 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: VY009841.D

Acq: 04 Aug 2022 18:42

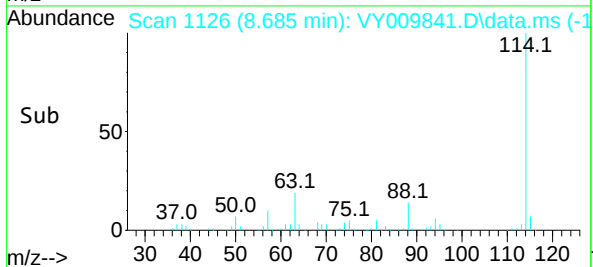
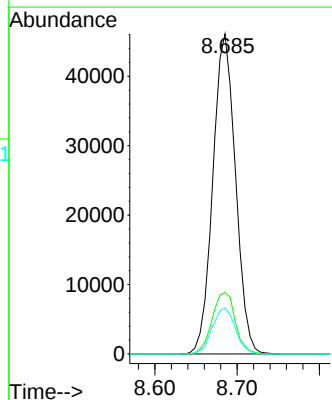
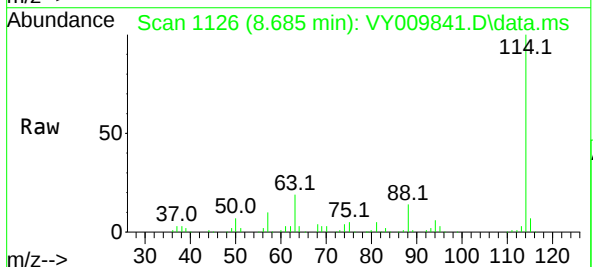
Tgt Ion: 114 Resp: 87996

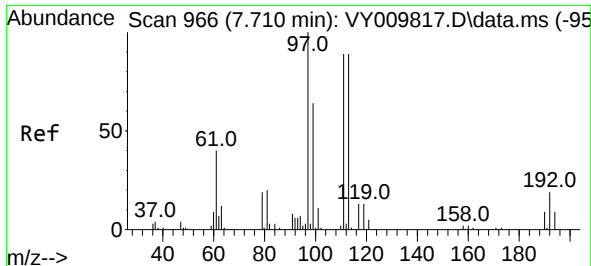
Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.2

88 14.4 0.0 27.6

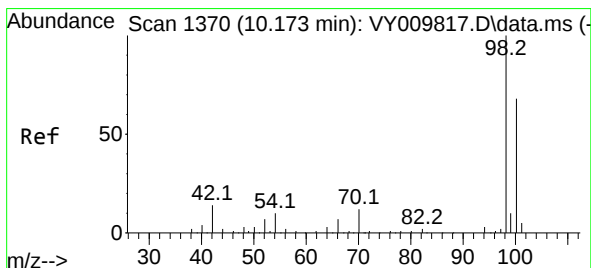
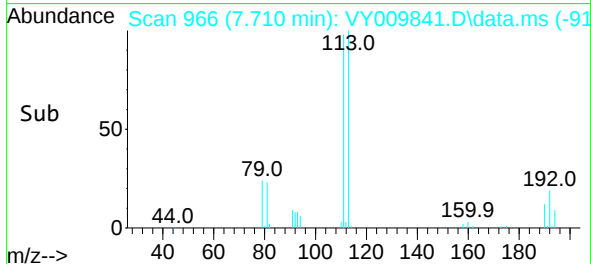
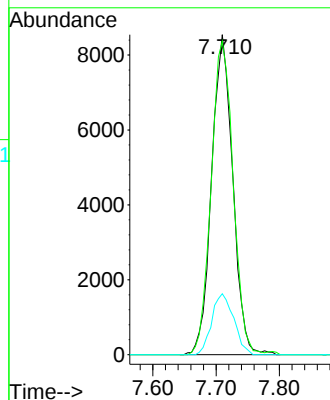
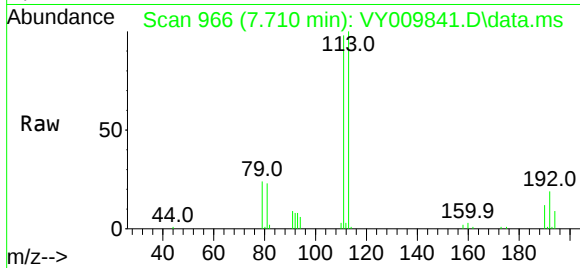




#35
Dibromofluoromethane
Concen: 36.919 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

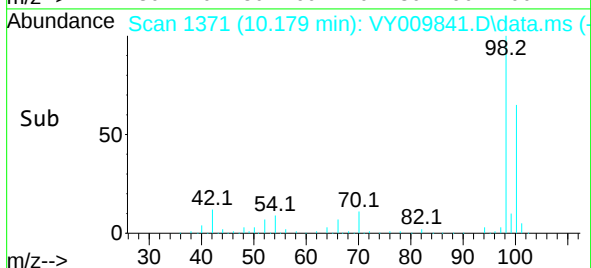
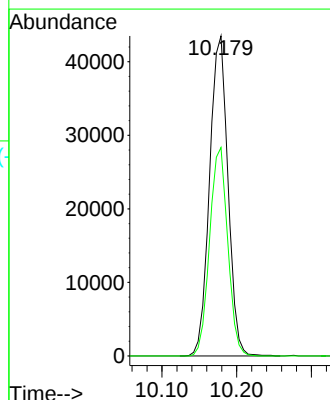
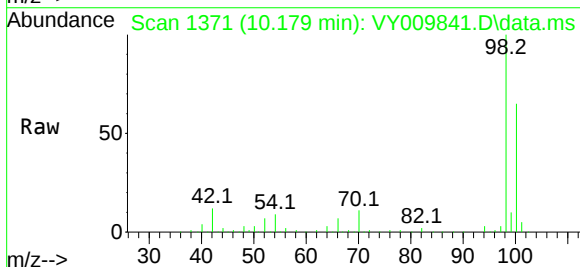
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

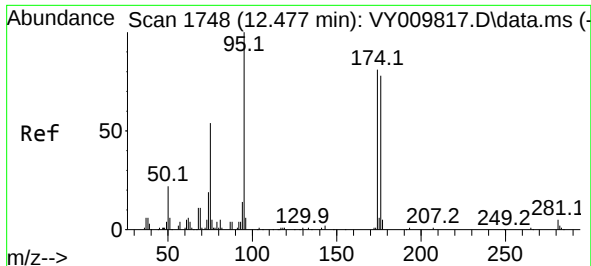
Tgt Ion:113 Resp: 19808
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.9 16.5 24.7



#50
Toluene-d8
Concen: 46.779 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

Tgt Ion: 98 Resp: 74384
Ion Ratio Lower Upper
98 100
100 64.2 53.4 80.2

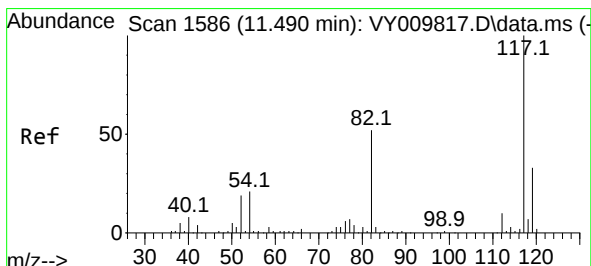
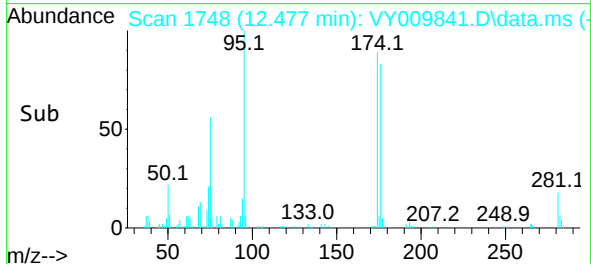
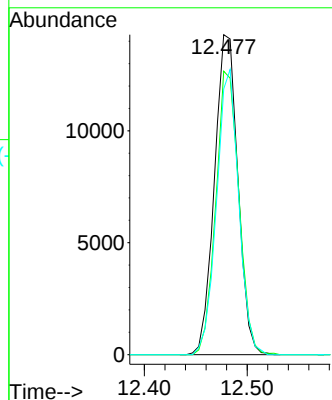
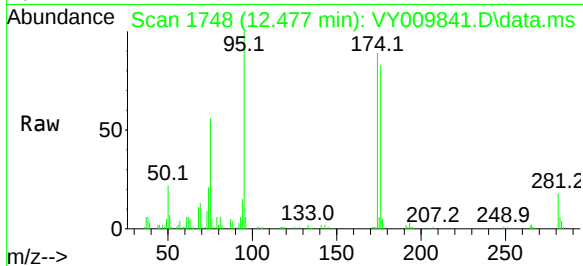




#62
4-Bromofluorobenzene
Concen: 31.051 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

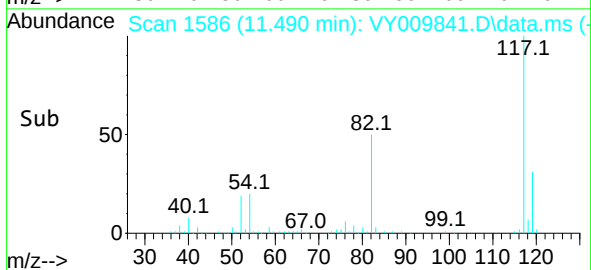
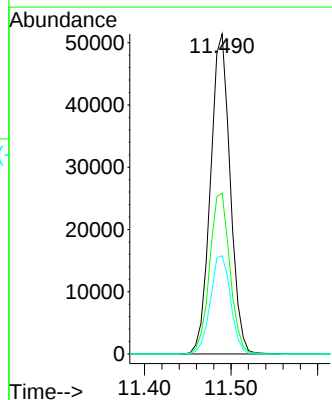
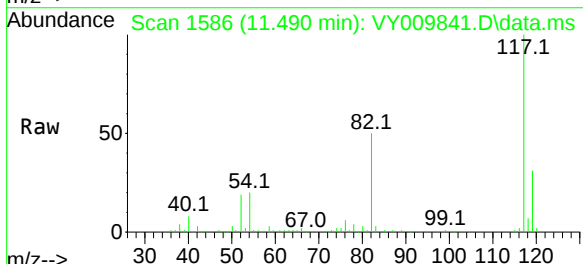
Instrument :
MSVOA_Y
ClientSampleId :
SB-3

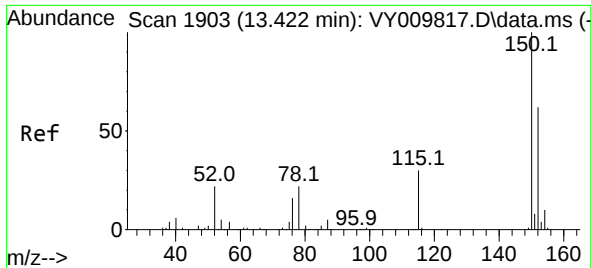
Tgt Ion:	95	Resp:	22559
Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	168.6
176	84.2	0.0	163.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009841.D
Acq: 04 Aug 2022 18:42

Tgt Ion:	117	Resp:	81107
Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.7	62.5
119	30.7	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: VY009841.D

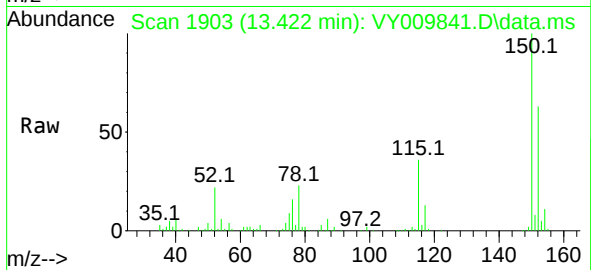
Acq: 04 Aug 2022 18:42

Instrument :

MSVOA_Y

ClientSampleId :

SB-3



Tgt Ion:152 Resp: 37223

Ion Ratio Lower Upper

152 100

115 55.8 28.9 86.7

150 156.3 0.0 354.2

