

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080922\
 Data File : VY009943.D
 Acq On : 10 Aug 2022 02:06
 Operator : KP/MD
 Sample : N4017-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB07

Quant Time: Aug 10 08:13:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:55:50 2022
 Response via : Initial Calibration

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

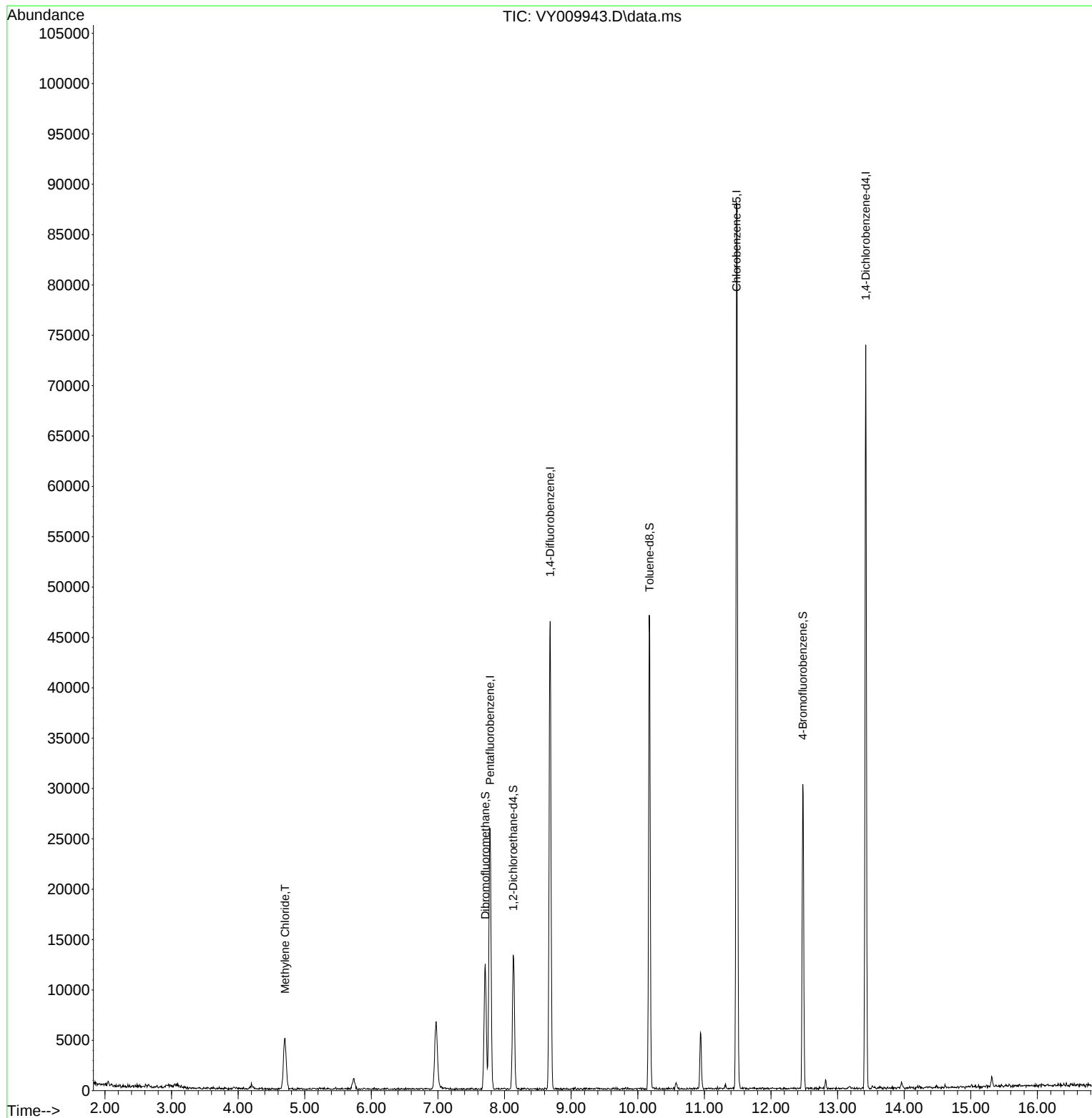
Internal Standards						
1) Pentafluorobenzene	7.783	168	20117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	40328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	48102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	18256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	10013	65.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.680%
35) Dibromofluoromethane	7.710	113	8857	40.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.920%
50) Toluene-d8	10.179	98	29892	44.312	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.620%
62) 4-Bromofluorobenzene	12.477	95	9313	30.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.940%
Target Compounds						
20) Methylene Chloride	4.704	84	3909	6.939	ug/l	Qvalue 86

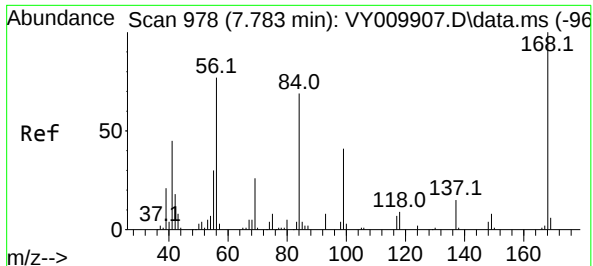
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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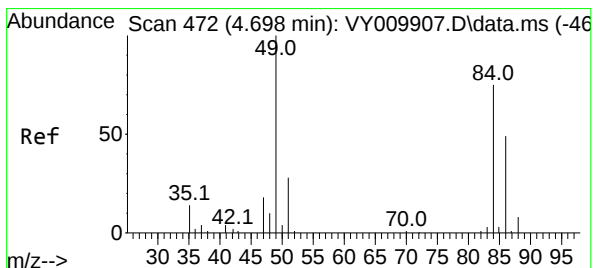
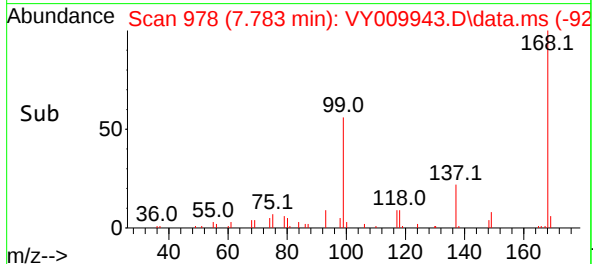
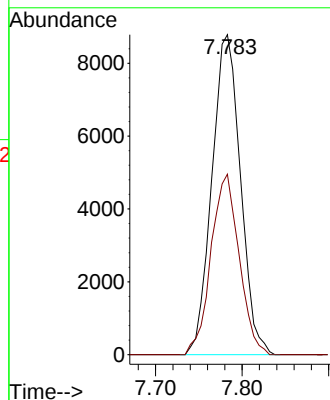
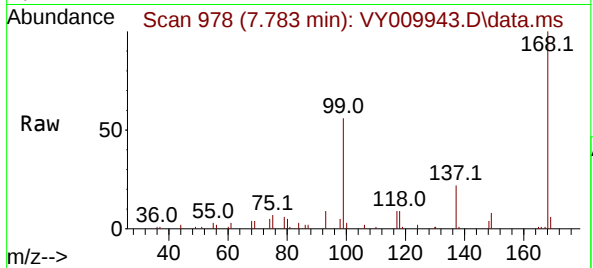




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

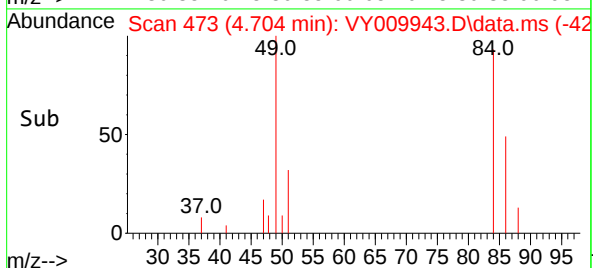
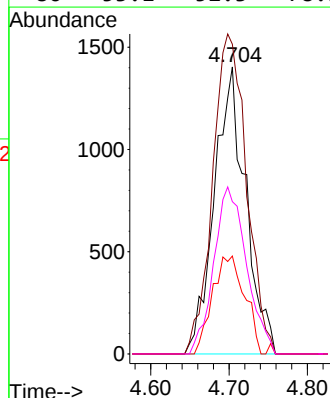
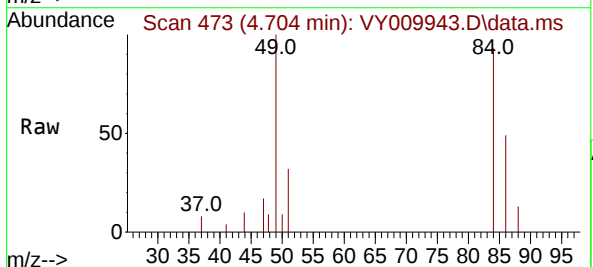
Instrument :
MSVOA_Y
ClientSampleId :
SB07

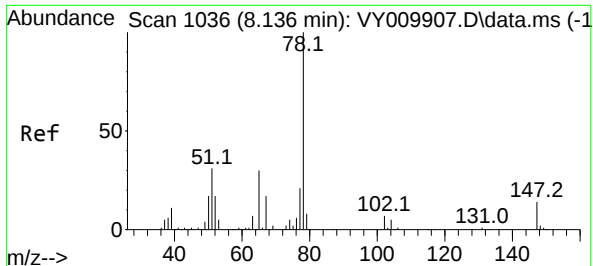
Tgt Ion:168 Resp: 20117
Ion Ratio Lower Upper
168 100
99 56.4 42.1 63.1



#20
Methylene Chloride
Concen: 6.939 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

Tgt Ion: 84 Resp: 3909
Ion Ratio Lower Upper
84 100
49 107.9 98.2 147.4
51 34.1 33.4 50.0
86 53.1 52.3 78.5





#33

1,2-Dichloroethane-d4

Concen: 65.344 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009943.D

Acq: 10 Aug 2022 02:06

Instrument :

MSVOA_Y

ClientSampleId :

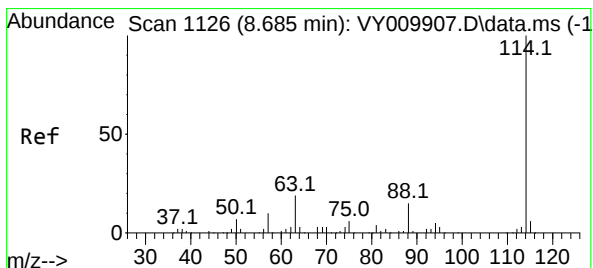
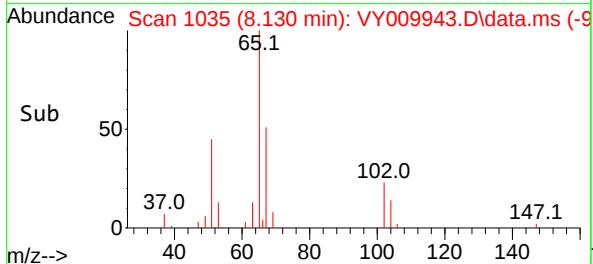
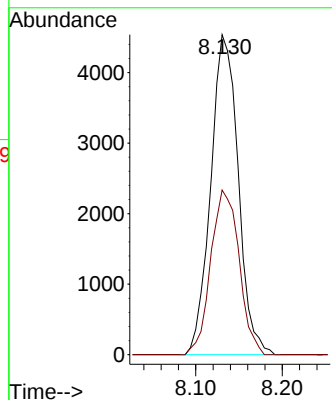
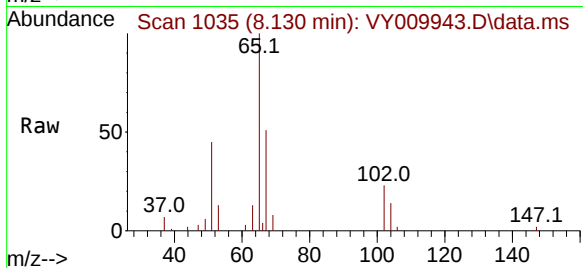
SB07

Tgt Ion: 65 Resp: 10013

Ion Ratio Lower Upper

65 100

67 53.0 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009943.D

Acq: 10 Aug 2022 02:06

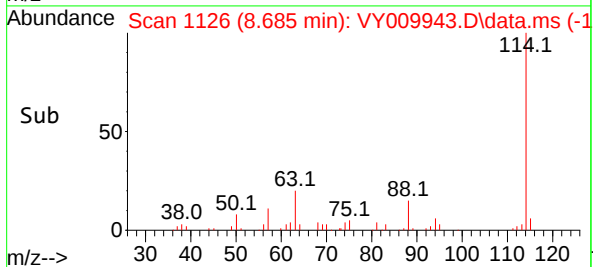
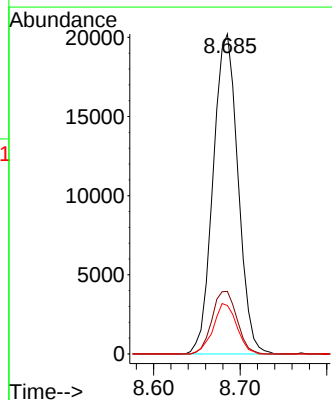
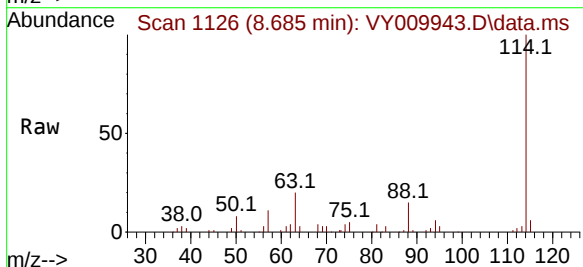
Tgt Ion: 114 Resp: 40328

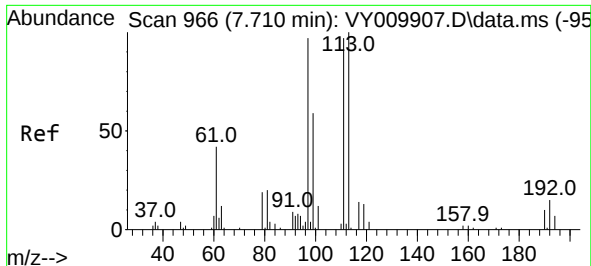
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.0

88 15.1 0.0 30.0

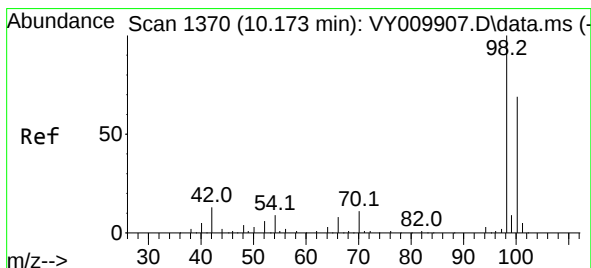
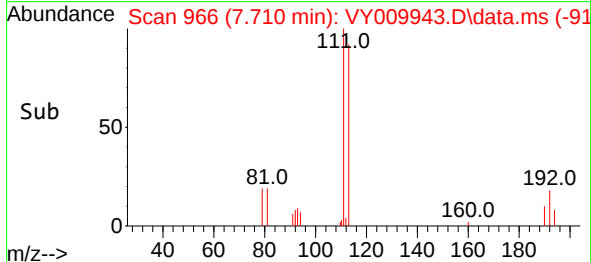
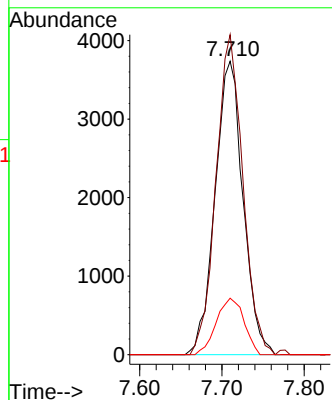
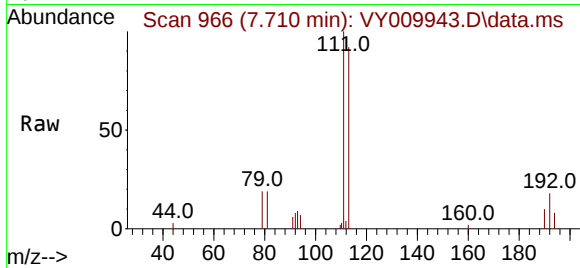




#35
Dibromofluoromethane
Concen: 40.458 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

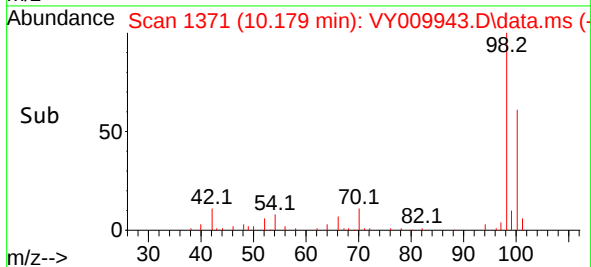
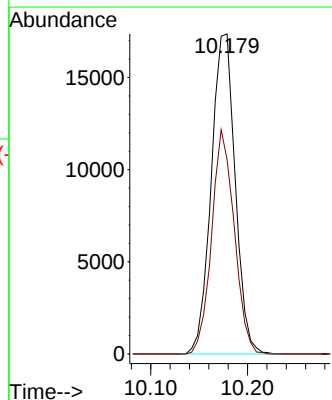
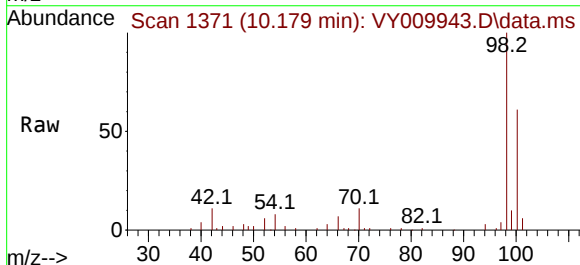
Instrument :
MSVOA_Y
ClientSampleId :
SB07

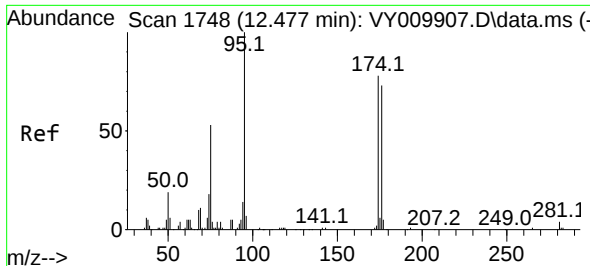
Tgt Ion:113 Resp: 8857
Ion Ratio Lower Upper
113 100
111 104.3 80.6 120.8
192 19.0 16.2 24.4



#50
Toluene-d8
Concen: 44.312 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.007 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

Tgt Ion: 98 Resp: 29892
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3

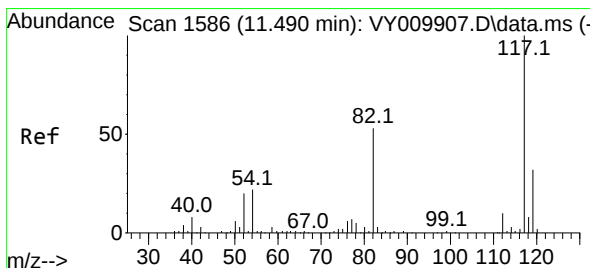
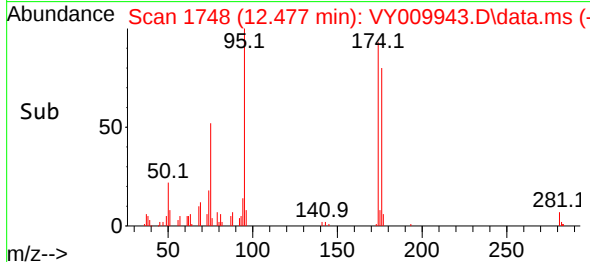
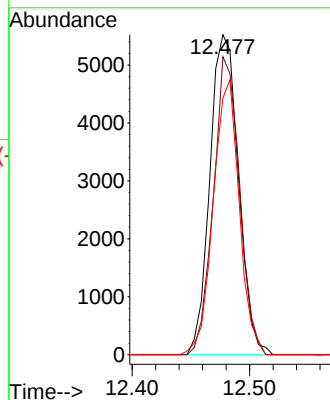
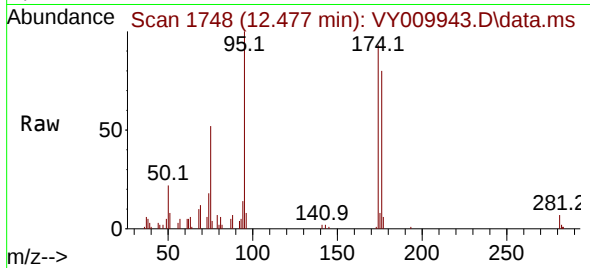




#62
4-Bromofluorobenzene
Concen: 30.467 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

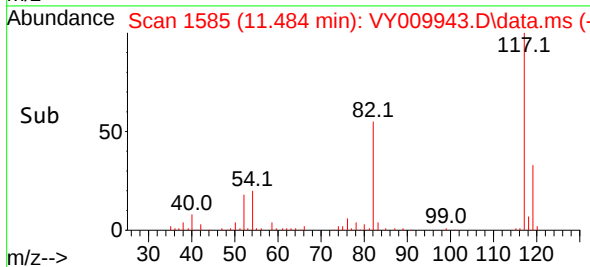
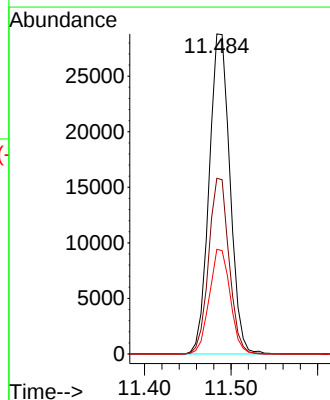
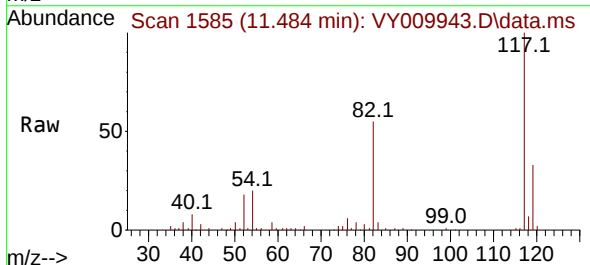
Instrument :
MSVOA_Y
ClientSampleId :
SB07

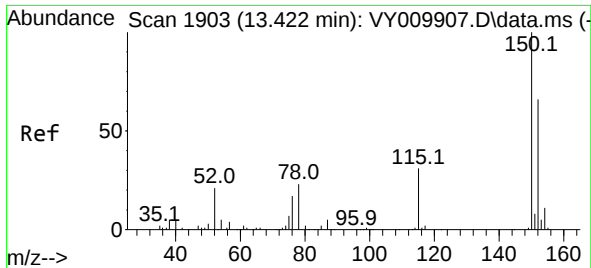
Tgt Ion: 95 Resp: 9313
Ion Ratio Lower Upper
95 100
174 85.5 0.0 173.8
176 78.4 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VY009943.D
Acq: 10 Aug 2022 02:06

Tgt Ion: 117 Resp: 48102
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.6
119 32.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009943.D

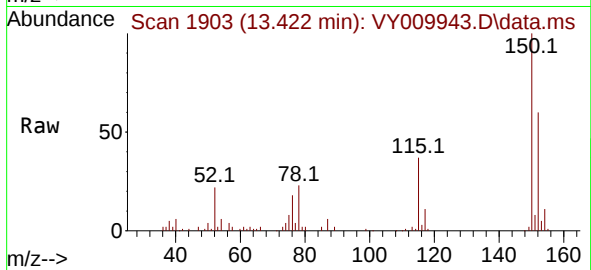
Acq: 10 Aug 2022 02:06

Instrument :

MSVOA_Y

ClientSampleId :

SB07



Tgt Ion:152 Resp: 18256

Ion Ratio Lower Upper

152 100

115 59.2 28.6 85.9

150 157.1 0.0 349.8

