

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110722\
 Data File : VY011346.D
 Acq On : 07 Nov 2022 19:26
 Operator : KP/MD
 Sample : N5478-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-NYE-AVE

Quant Time: Nov 08 03:31:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

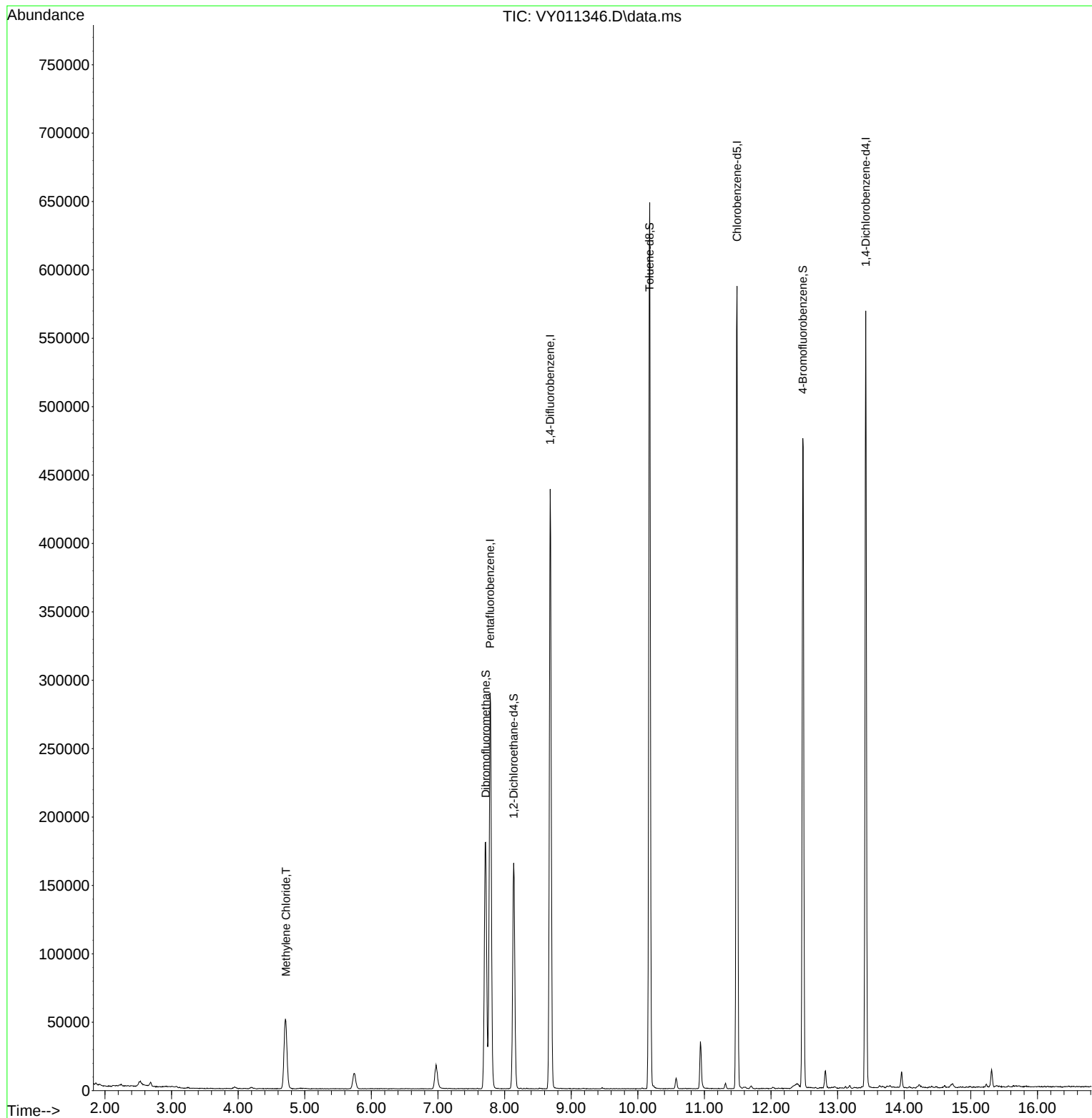
Internal Standards						
1) Pentafluorobenzene	7.783	168	233267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	388859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126057	50.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.060%
35) Dibromofluoromethane	7.716	113	133941	53.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.220%
50) Toluene-d8	10.179	98	441740	45.539	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.477	95	152870	45.395	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.780%
Target Compounds						
20) Methylene Chloride	4.716	84	42309	9.683	ug/l	Qvalue # 79

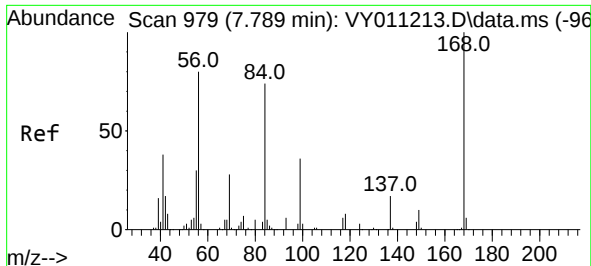
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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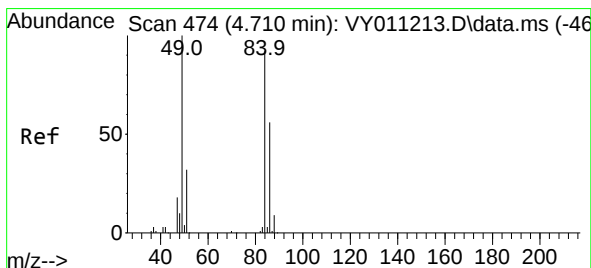
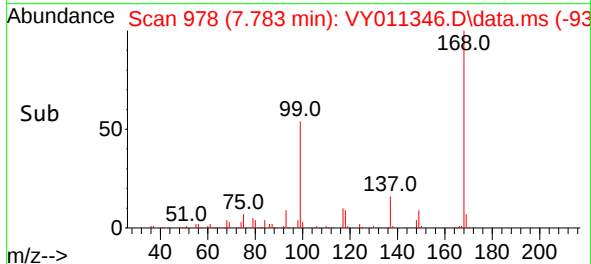
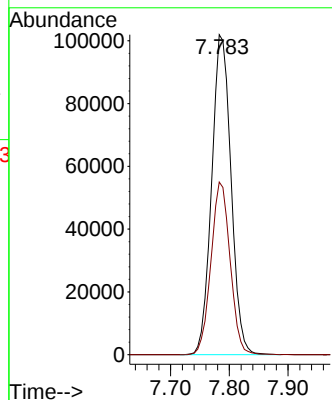
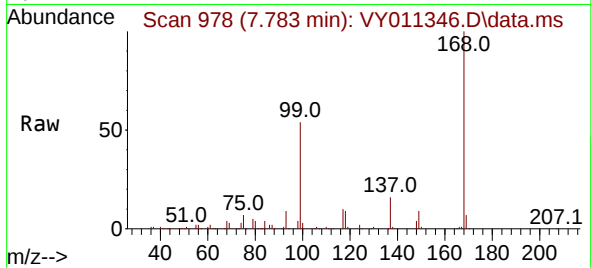




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011346.D
Acq: 07 Nov 2022 19:26

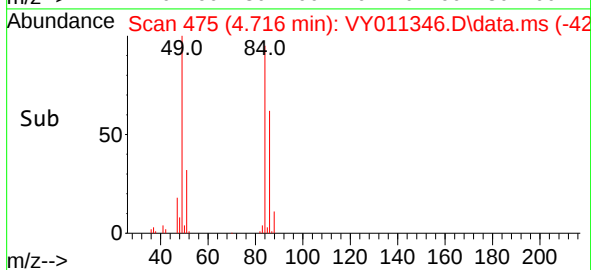
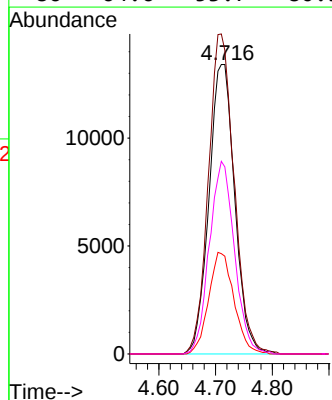
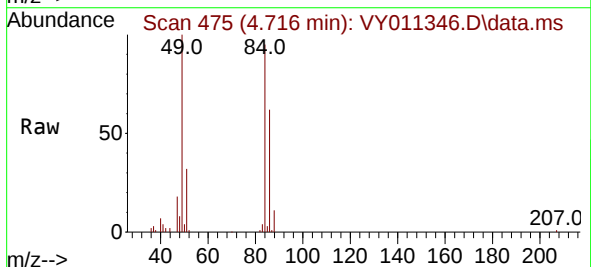
Instrument :
MSVOA_Y
ClientSampleId :
MH-NYE-AVE

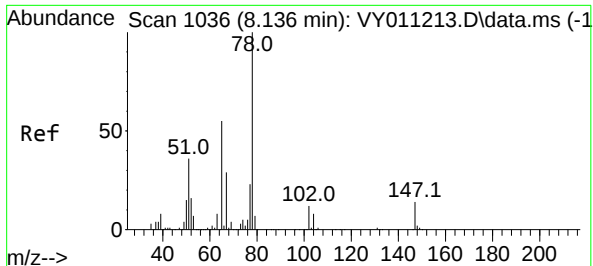
Tgt Ion:168 Resp: 233267
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#20
Methylene Chloride
Concen: 9.683 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011346.D
Acq: 07 Nov 2022 19:26

Tgt Ion: 84 Resp: 42309
Ion Ratio Lower Upper
84 100
49 104.9 114.4 171.6#
51 33.8 35.3 52.9#
86 64.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 50.528 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011346.D

Acq: 07 Nov 2022 19:26

Instrument :

MSVOA_Y

ClientSampleId :

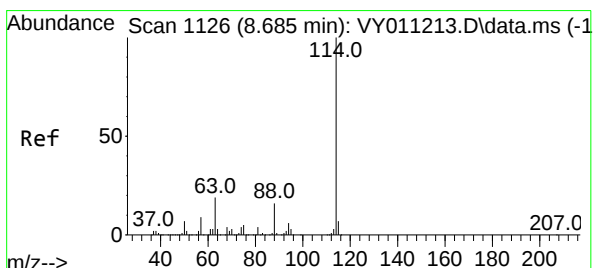
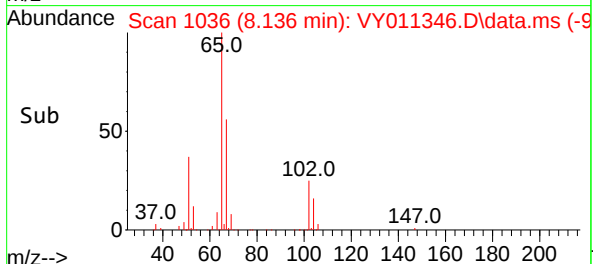
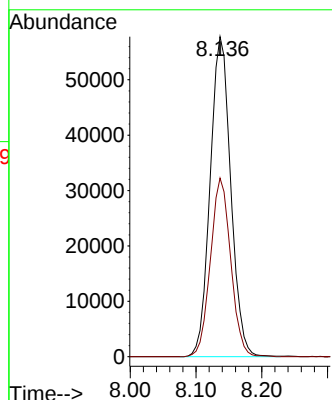
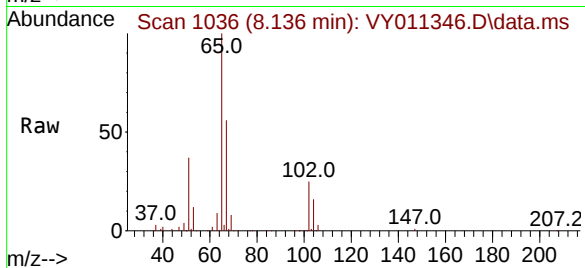
MH-NYE-AVE

Tgt Ion: 65 Resp: 126057

Ion Ratio Lower Upper

65 100

67 54.9 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: VY011346.D

Acq: 07 Nov 2022 19:26

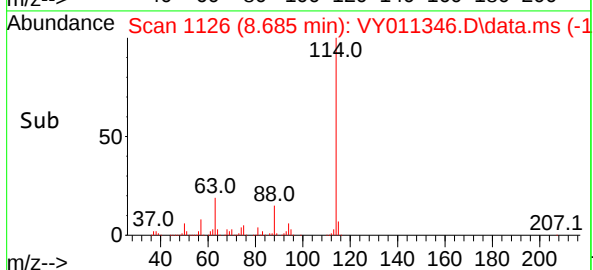
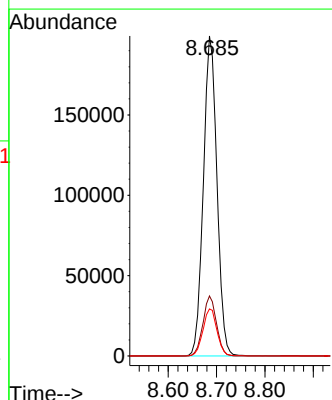
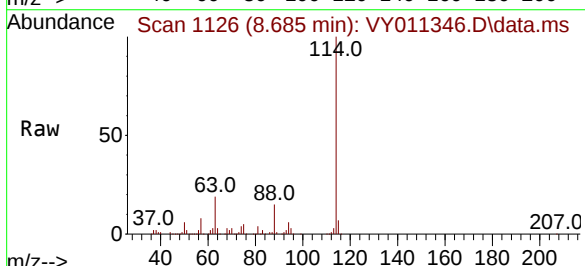
Tgt Ion: 114 Resp: 388859

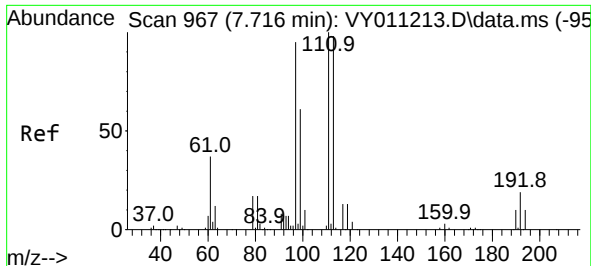
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.7 0.0 31.8

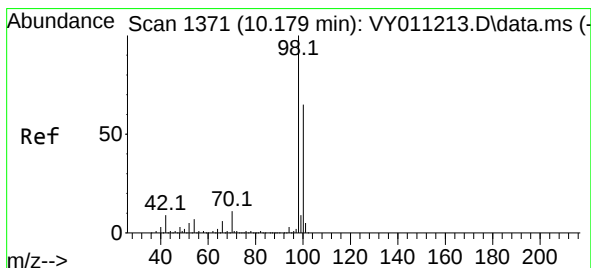
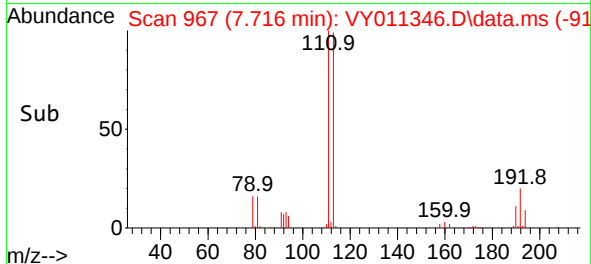
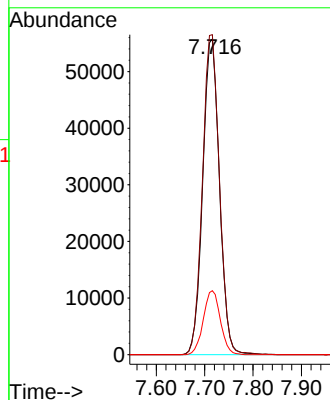
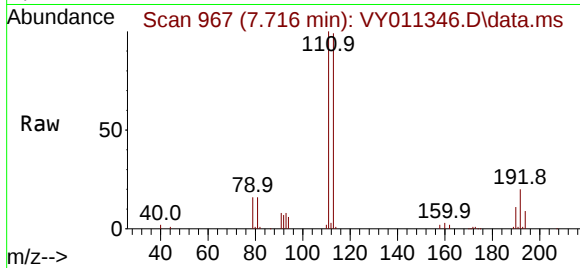




#35
Dibromofluoromethane
Concen: 53.611 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011346.D
Acq: 07 Nov 2022 19:26

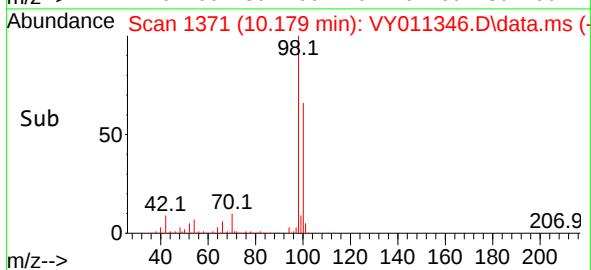
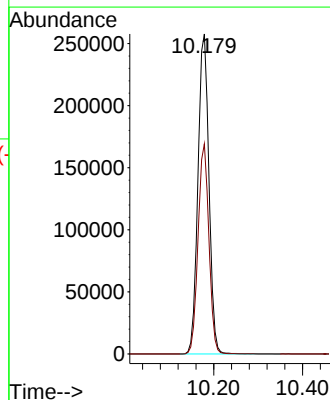
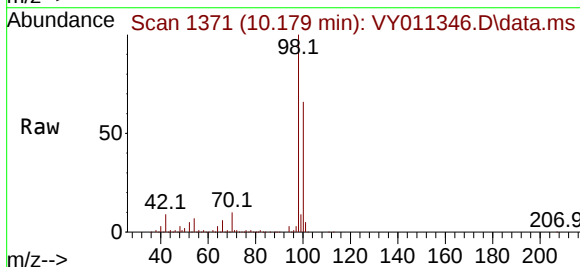
Instrument :
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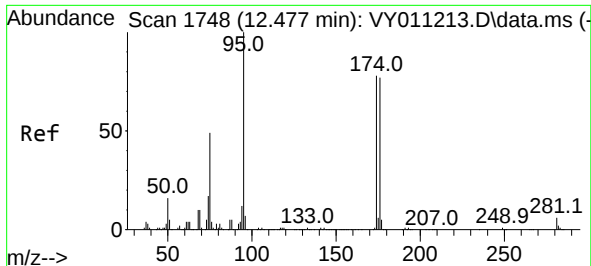
Tgt Ion:113 Resp: 133941
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.6 17.6 26.4



#50
Toluene-d8
Concen: 45.539 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011346.D
Acq: 07 Nov 2022 19:26

Tgt Ion: 98 Resp: 441740
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

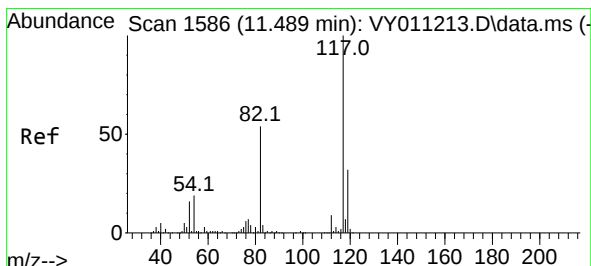
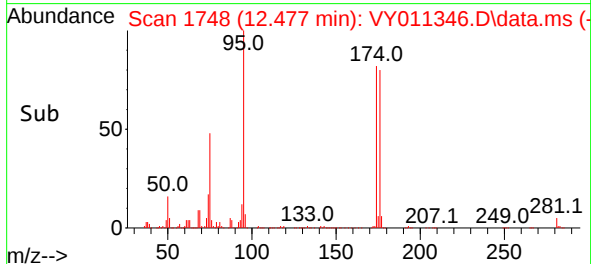
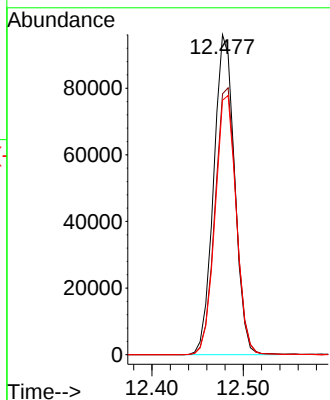
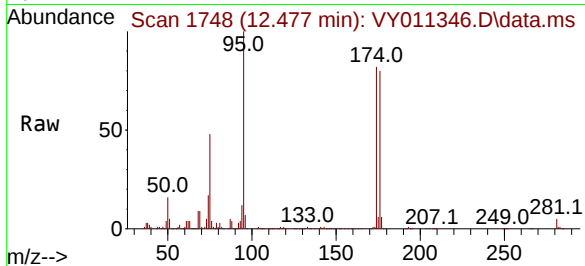




#62
4-Bromofluorobenzene
Concen: 45.395 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011346.D
Acq: 07 Nov 2022 19:26

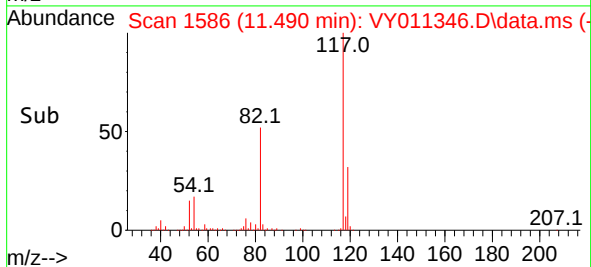
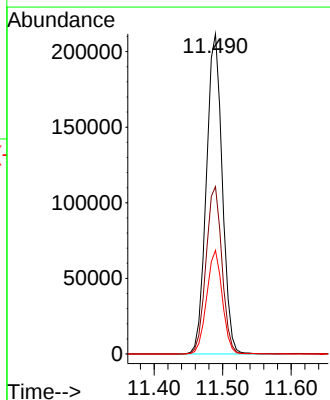
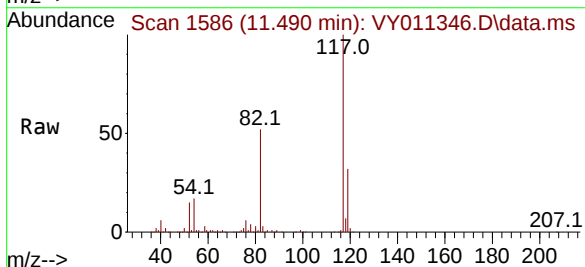
Instrument :
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ClientSampleId :
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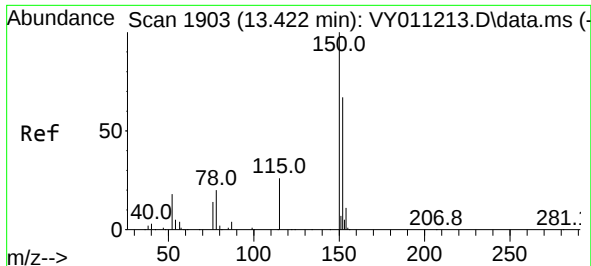
Tgt Ion: 95 Resp: 152870
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011346.D
Acq: 07 Nov 2022 19:26

Tgt Ion: 117 Resp: 340933
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.4 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: VY011346.D

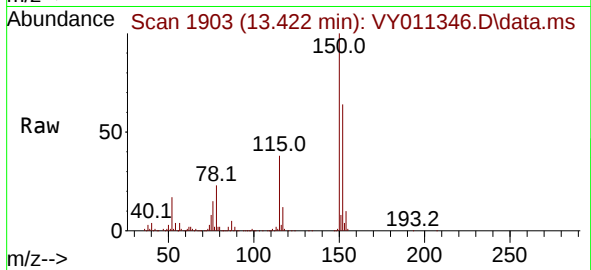
Acq: 07 Nov 2022 19:26

Instrument :

MSVOA_Y

ClientSampleId :

MH-NYE-AVE



Tgt Ion:152 Resp: 151266

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 155.8 0.0 347.6

