

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009899.D
 Acq On : 09 Aug 2022 02:45
 Operator : KP/MD
 Sample : N4016-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-ES

Quant Time: Aug 09 07:00:17 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)

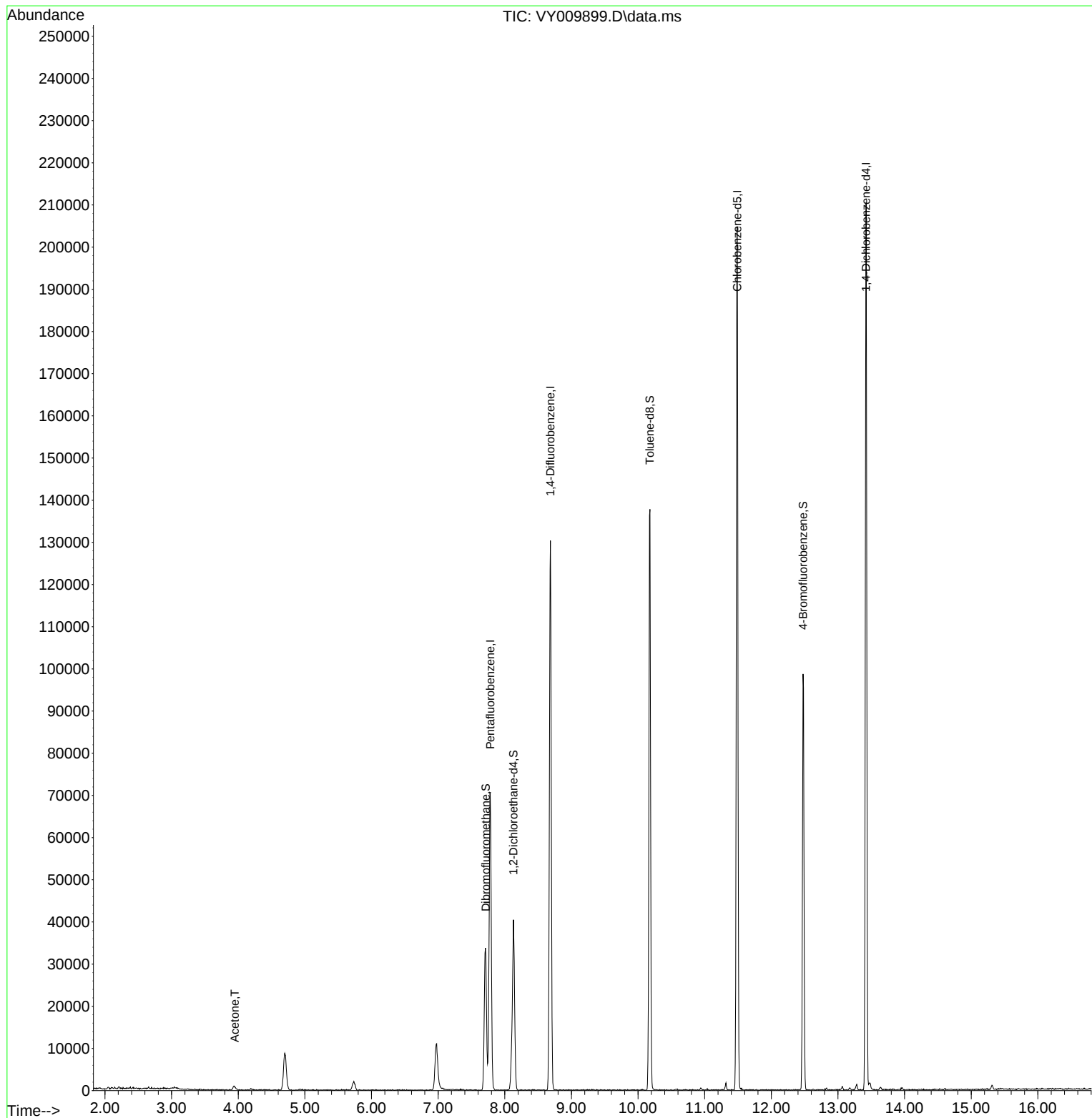
Internal Standards						
1) Pentafluorobenzene	7.783	168	54411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	108961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	111120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	50098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	26022	62.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.060%
35) Dibromofluoromethane	7.716	113	24257	41.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.020%
50) Toluene-d8	10.179	98	87781	48.836	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.477	95	29001	35.115	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.220%
Target Compounds						
16) Acetone	3.948	43	1639	10.679	ug/l	Qvalue # 88

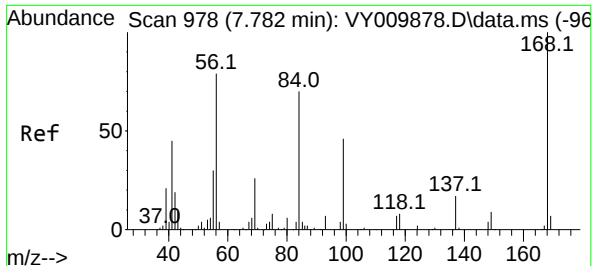
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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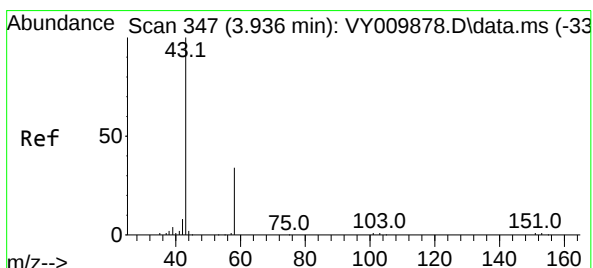
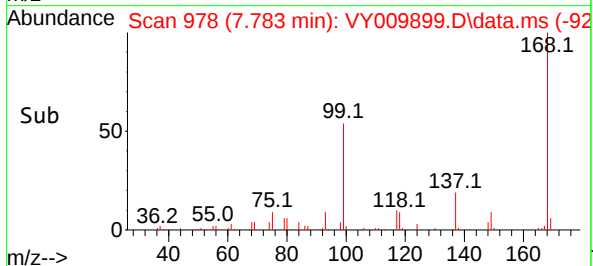
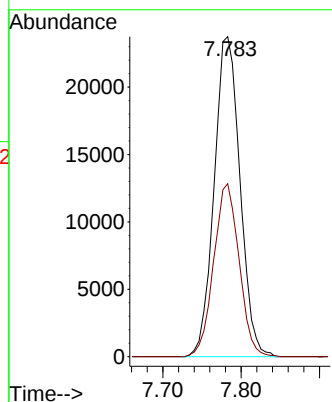
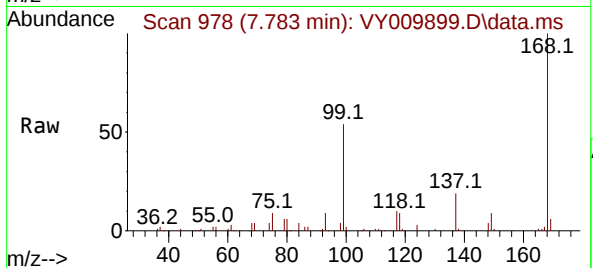




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY009899.D
Acq: 09 Aug 2022 02:45

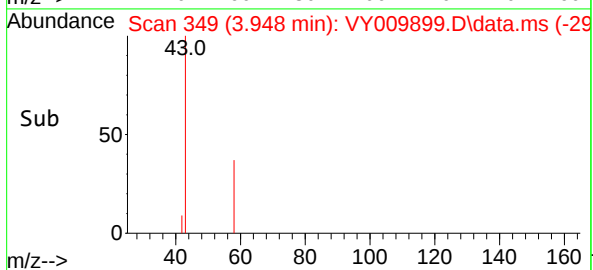
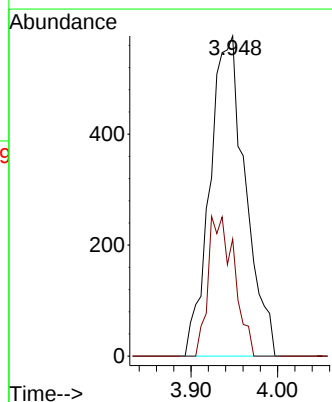
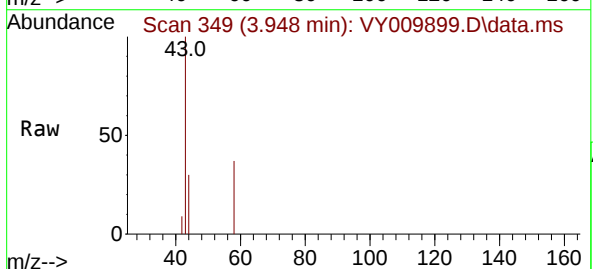
Instrument :
MSVOA_Y
ClientSampleId :
MH-ES

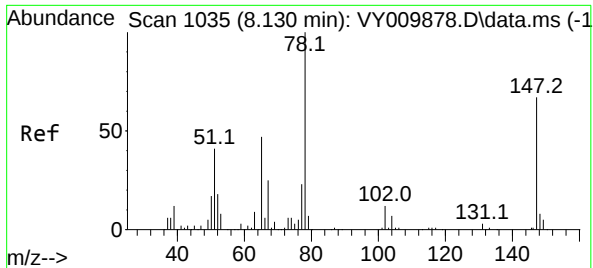
Tgt Ion:168 Resp: 54411
Ion Ratio Lower Upper
168 100
99 54.1 42.1 63.1



#16
Acetone
Concen: 10.679 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009899.D
Acq: 09 Aug 2022 02:45

Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
58 36.6 24.0 36.0#





#33

1,2-Dichloroethane-d4

Concen: 62.531 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY009899.D

Acq: 09 Aug 2022 02:45

Instrument :

MSVOA_Y

ClientSampleId :

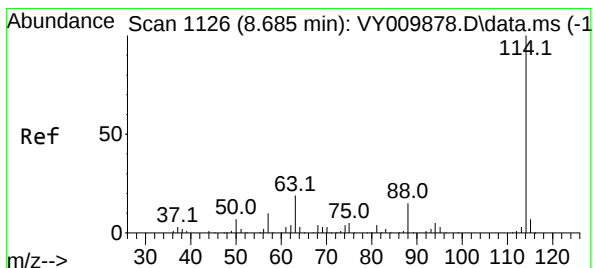
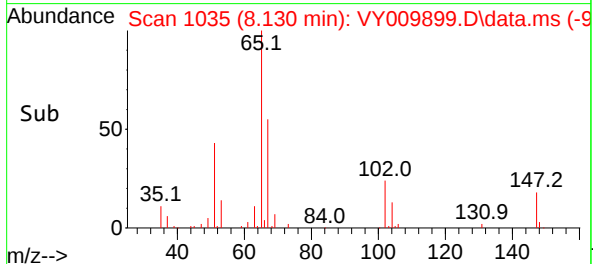
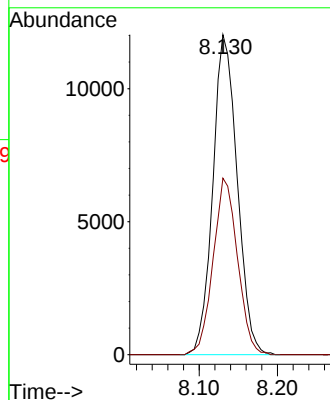
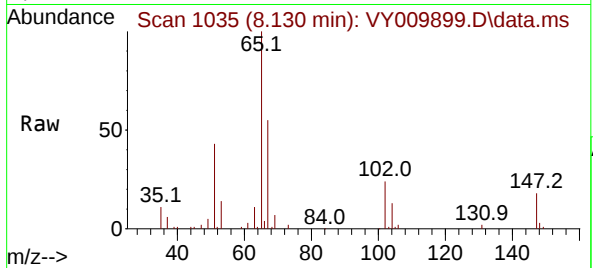
MH-ES

Tgt Ion: 65 Resp: 26022

Ion Ratio Lower Upper

65 100

67 55.2 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: VY009899.D

Acq: 09 Aug 2022 02:45

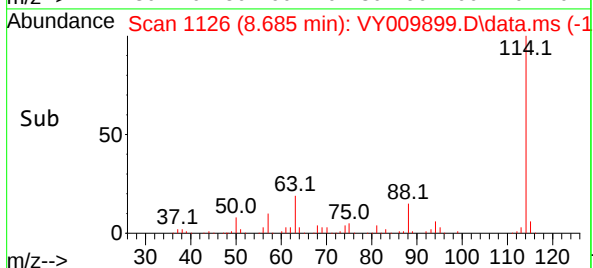
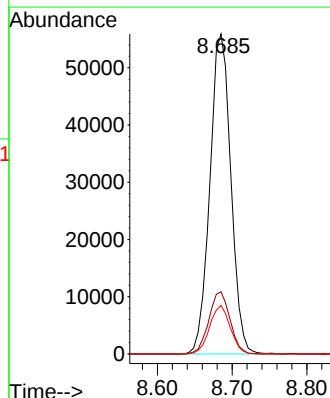
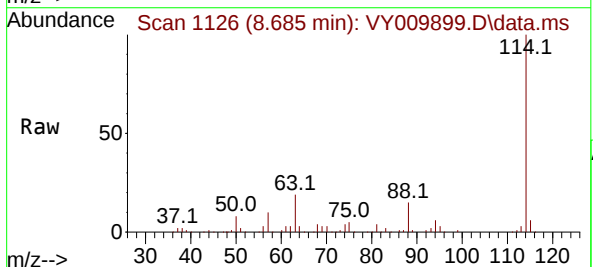
Tgt Ion: 114 Resp: 108961

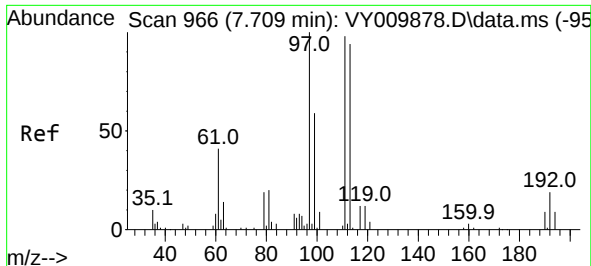
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.0

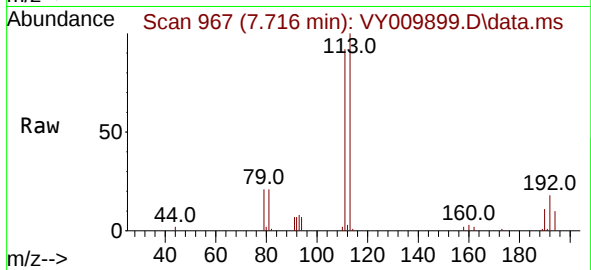
88 15.1 0.0 30.0



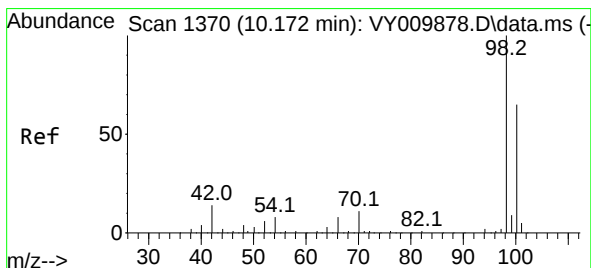
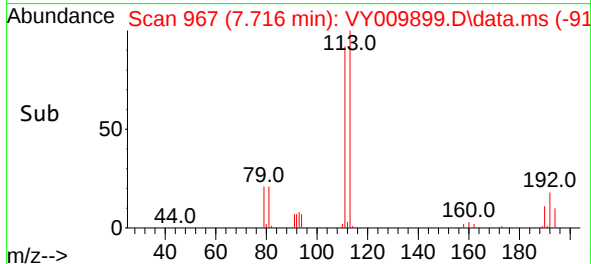
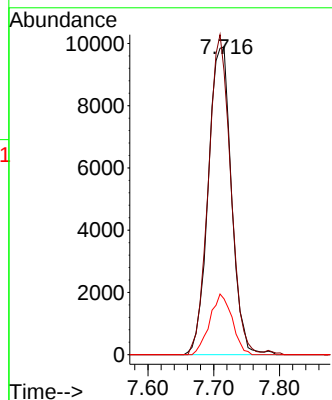


#35
Dibromofluoromethane
Concen: 41.010 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY009899.D
Acq: 09 Aug 2022 02:45

Instrument :
MSVOA_Y
ClientSampleId :
MH-ES

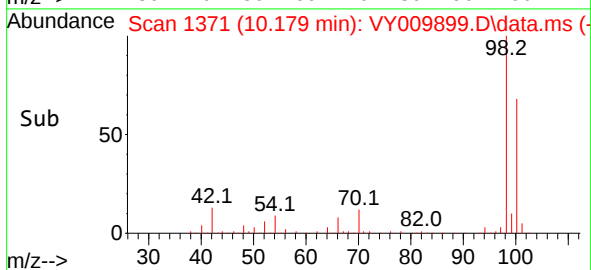
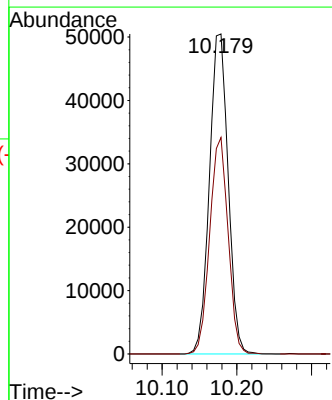
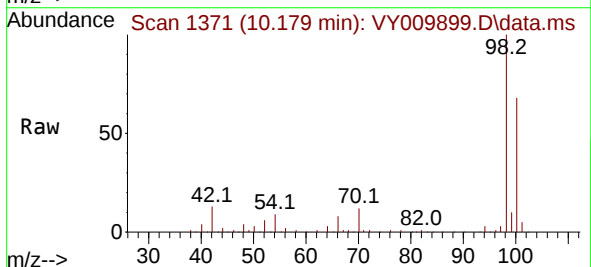


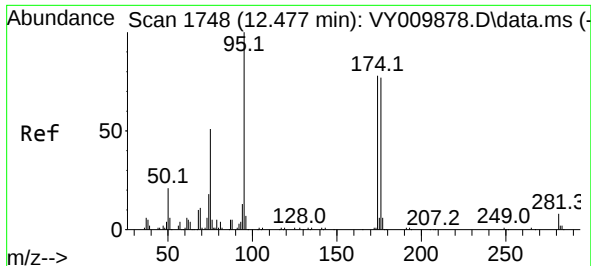
Tgt Ion:113 Resp: 24257
Ion Ratio Lower Upper
113 100
111 99.6 80.6 120.8
192 19.0 16.2 24.4



#50
Toluene-d8
Concen: 48.836 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.007 min
Lab File: VY009899.D
Acq: 09 Aug 2022 02:45

Tgt Ion: 98 Resp: 87781
Ion Ratio Lower Upper
98 100
100 66.4 52.9 79.3

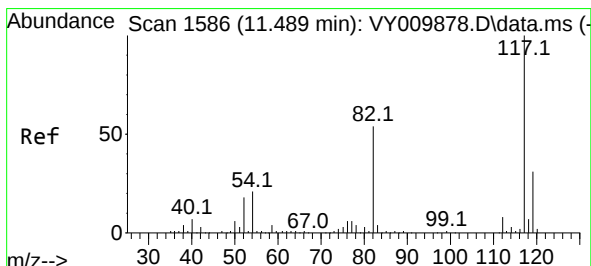
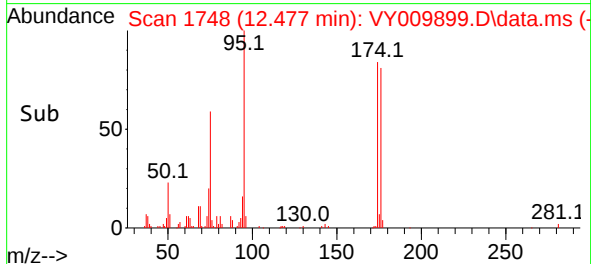
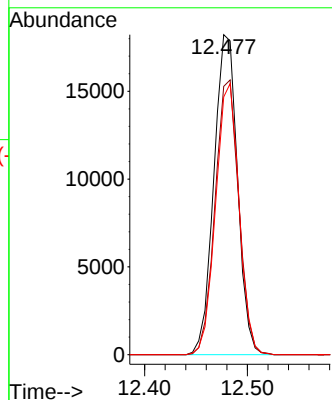
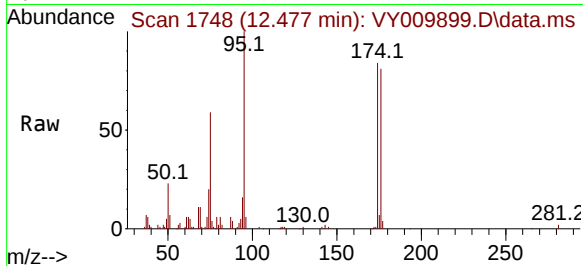




#62
4-Bromofluorobenzene
Concen: 35.115 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009899.D
Acq: 09 Aug 2022 02:45

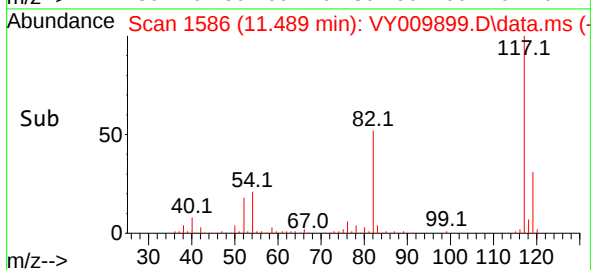
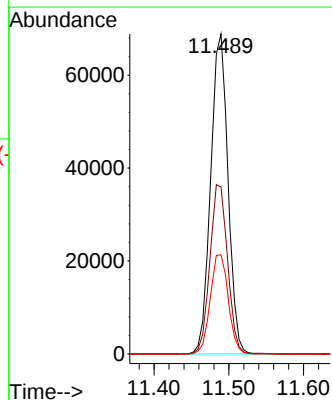
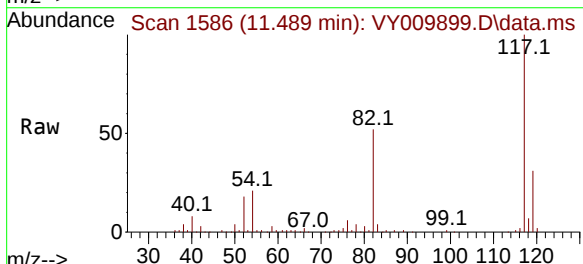
Instrument :
MSVOA_Y
ClientSampleId :
MH-ES

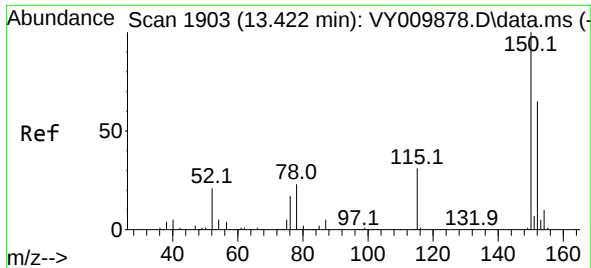
Tgt Ion:	95	Resp:	29001
Ion	Ratio	Lower	Upper
95	100		
174	86.3	0.0	173.8
176	84.0	0.0	167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009899.D
Acq: 09 Aug 2022 02:45

Tgt Ion:	117	Resp:	111120
Ion	Ratio	Lower	Upper
117	100		
82	52.2	41.8	62.6
119	31.0	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: VY009899.D

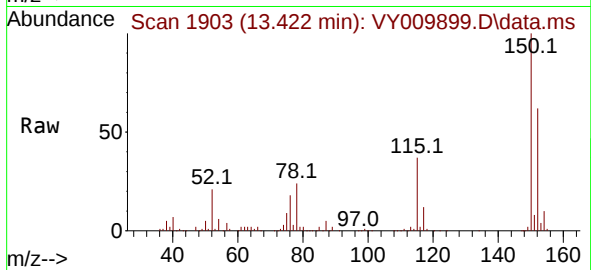
Acq: 09 Aug 2022 02:45

Instrument :

MSVOA_Y

ClientSampleId :

MH-ES



Tgt Ion:152 Resp: 50098

Ion Ratio Lower Upper

152 100

115 57.4 28.6 85.9

150 158.2 0.0 349.8

