

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011022\
 Data File : VY007104.D
 Acq On : 10 Jan 2022 14:46
 Operator : SY/MD
 Sample : N1065-28
 Misc : 4.42g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AMI-7

Quant Time: Jan 11 02:42:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

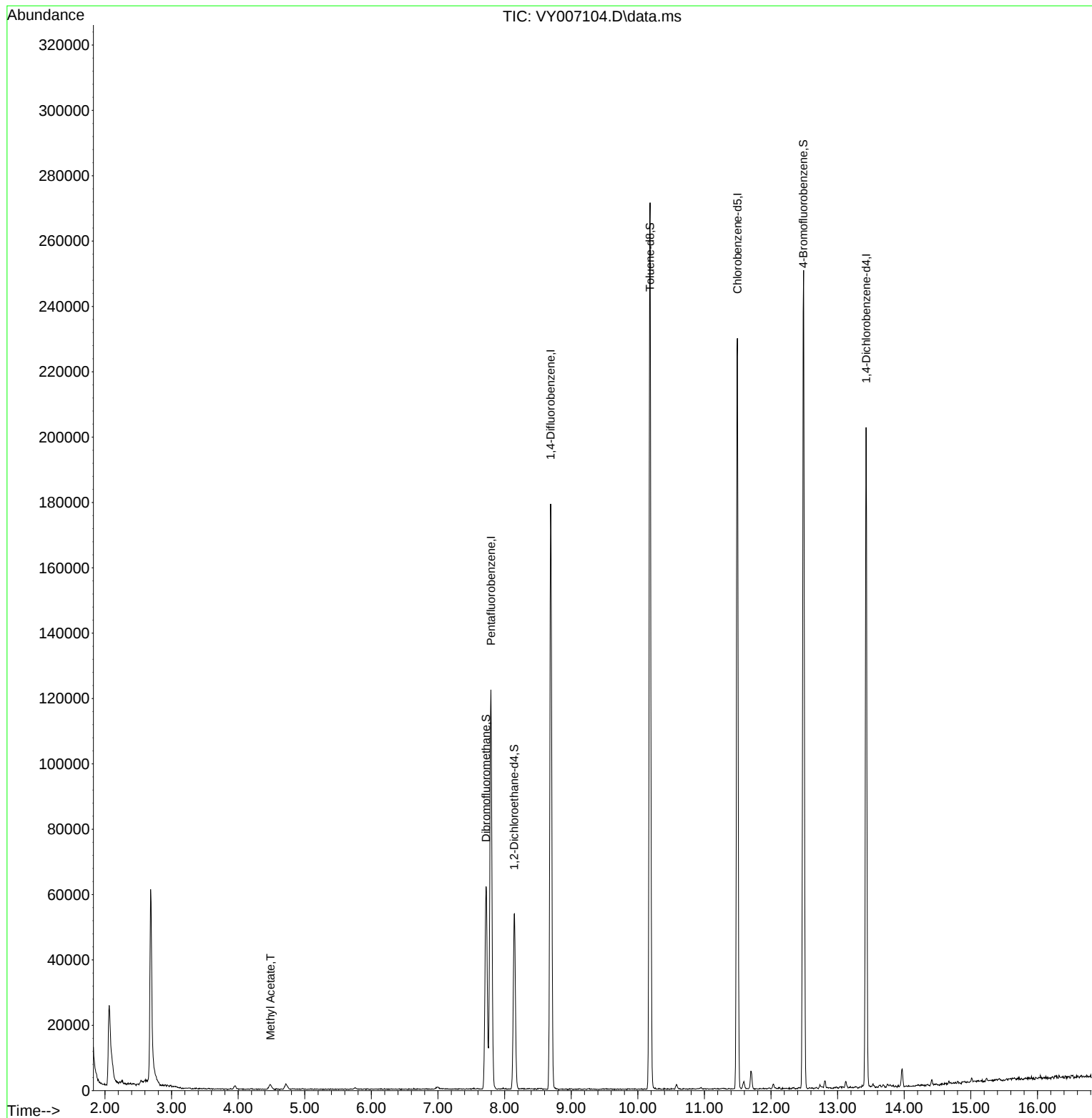
Internal Standards						
1) Pentafluorobenzene	7.795	168	90659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	151768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	125037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	50044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	43576	40.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.360%
35) Dibromofluoromethane	7.722	113	46025	45.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.000%
50) Toluene-d8	10.185	98	179727	48.104	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.483	95	57746	42.855	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.700%
Target Compounds						
18) Methyl Acetate	4.485	43	2776	2.974	ug/l	Qvalue # 62

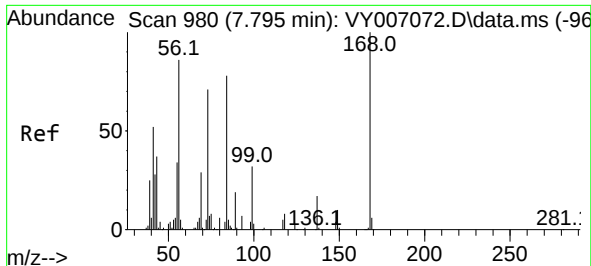
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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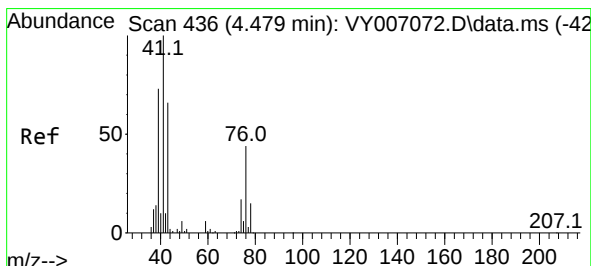
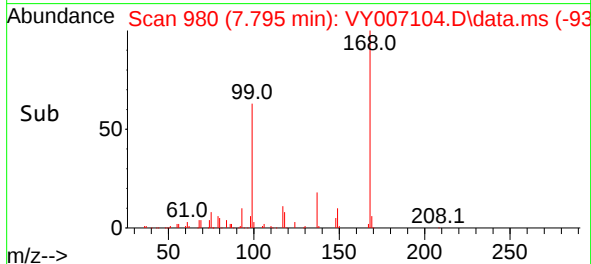
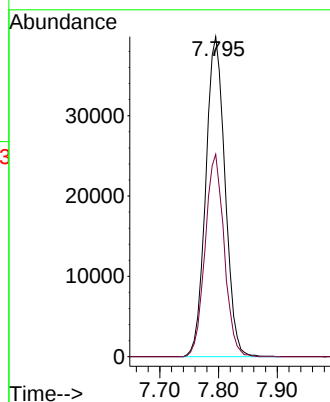
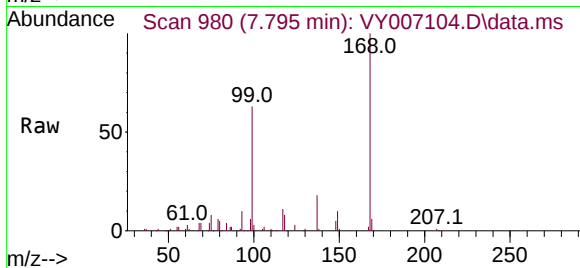




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

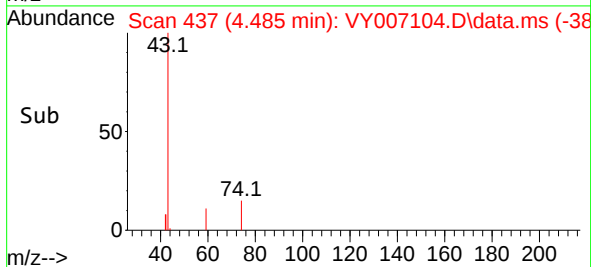
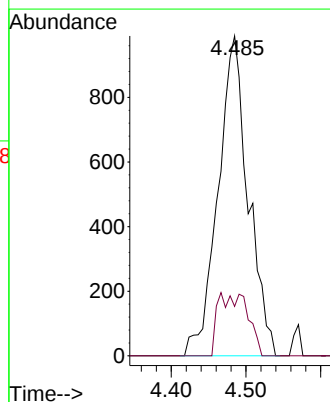
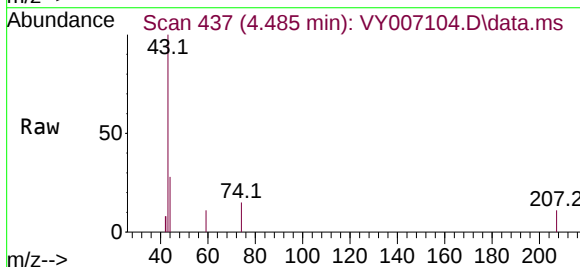
Instrument :
MSVOA_Y
ClientSampleId :
AMI-7

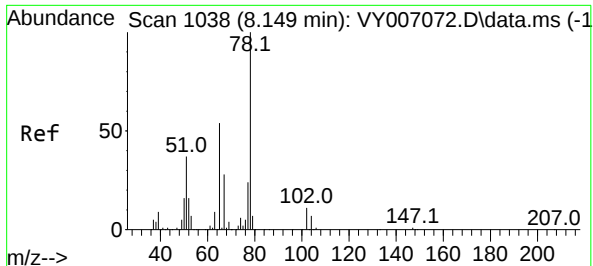
Tgt Ion:168 Resp: 90659
Ion Ratio Lower Upper
168 100
99 63.3 49.1 73.7



#18
Methyl Acetate
Concen: 2.974 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

Tgt Ion: 43 Resp: 2776
Ion Ratio Lower Upper
43 100
74 6.6 20.9 31.3#





#33

1,2-Dichloroethane-d4

Concen: 40.178 ug/l

RT: 8.143 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007104.D

Acq: 10 Jan 2022 14:46

Instrument :

MSVOA_Y

ClientSampleId :

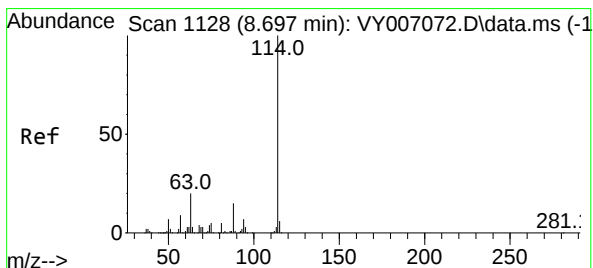
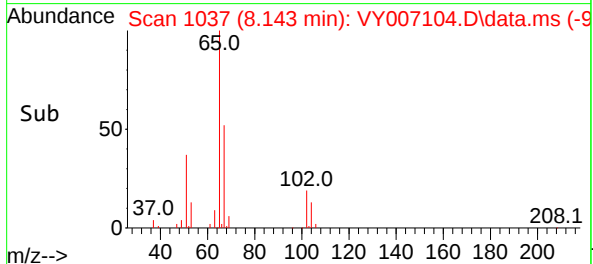
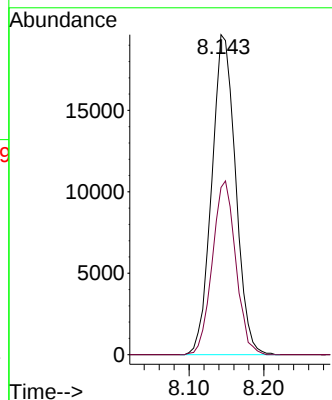
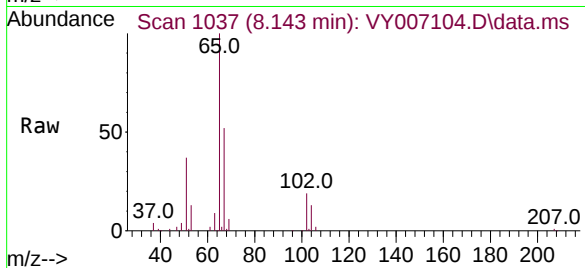
AMI-7

Tgt Ion: 65 Resp: 43576

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY007104.D

Acq: 10 Jan 2022 14:46

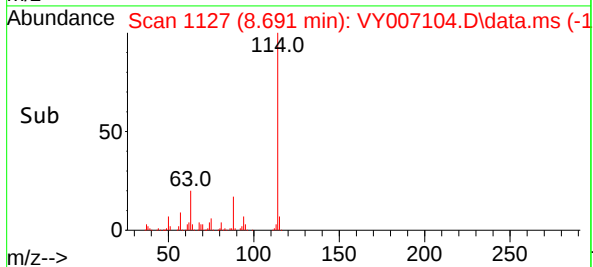
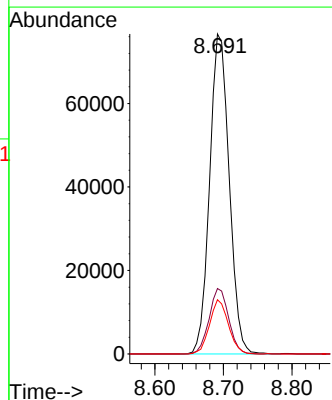
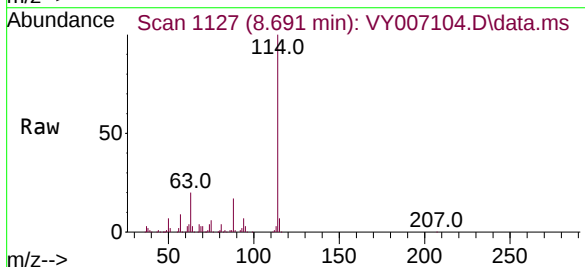
Tgt Ion: 114 Resp: 151768

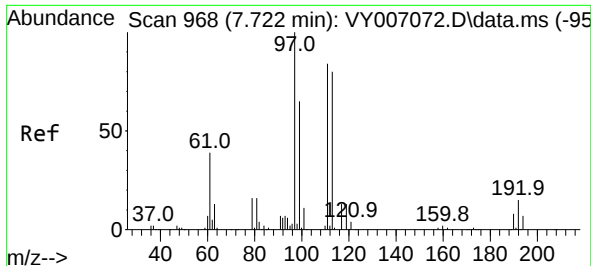
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 16.9 0.0 31.0

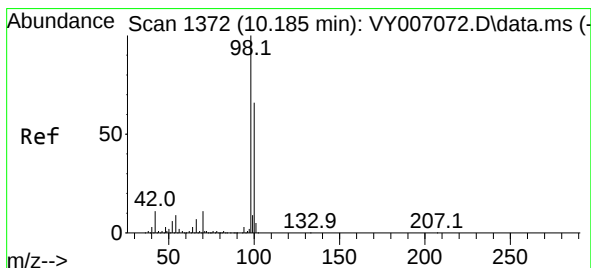
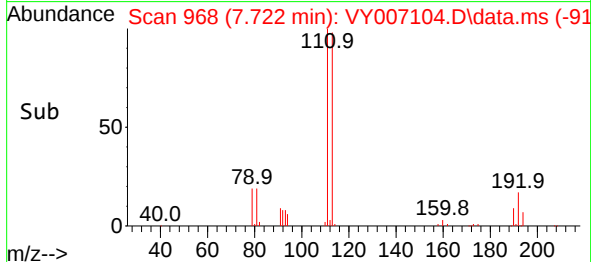
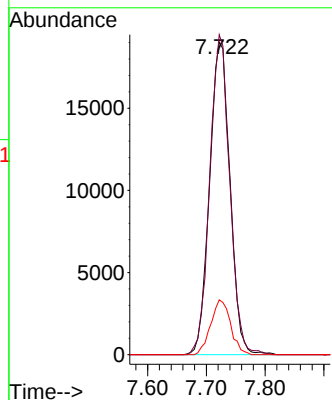
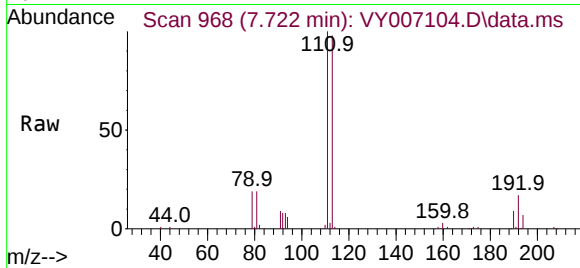




#35
Dibromofluoromethane
Concen: 45.502 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

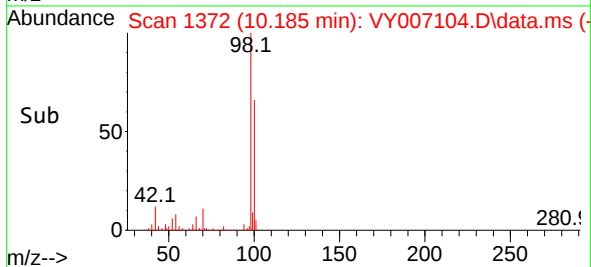
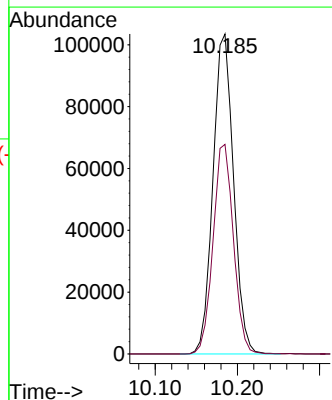
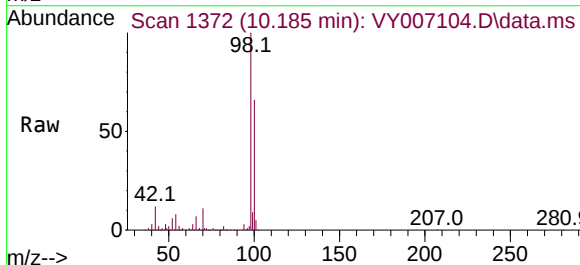
Instrument :
MSVOA_Y
ClientSampleId :
AMI-7

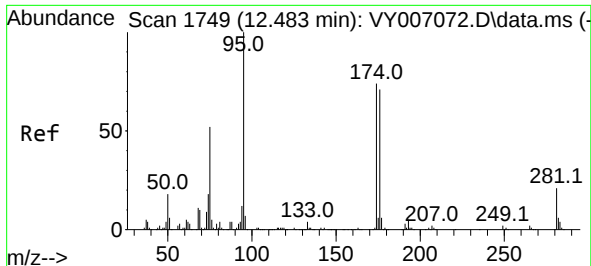
Tgt Ion:113 Resp: 46025
Ion Ratio Lower Upper
113 100
111 100.0 82.2 123.4
192 17.0 14.2 21.4



#50
Toluene-d8
Concen: 48.104 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

Tgt Ion: 98 Resp: 179727
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

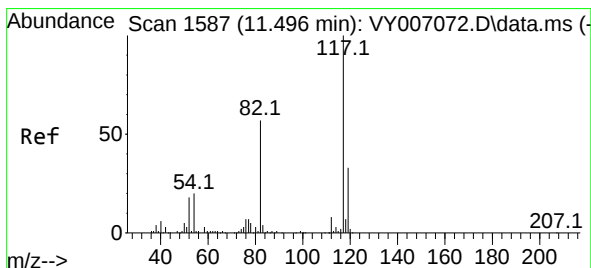
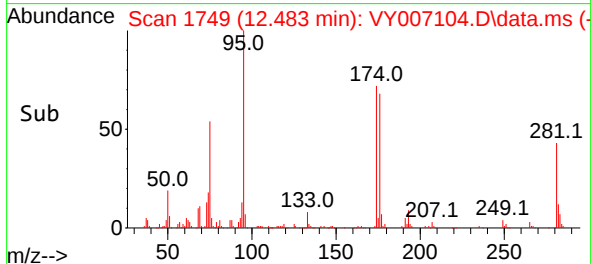
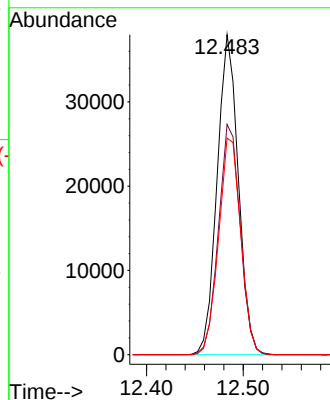
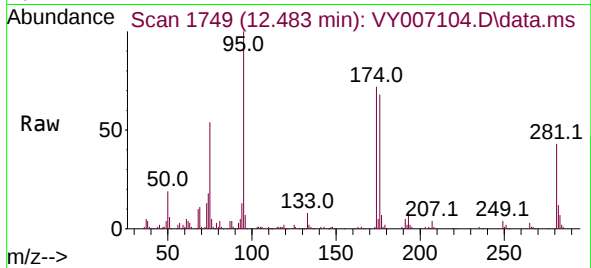




#62
4-Bromofluorobenzene
Concen: 42.855 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

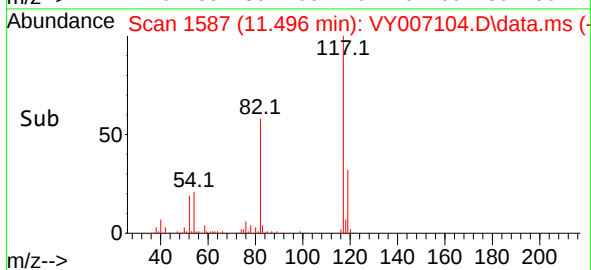
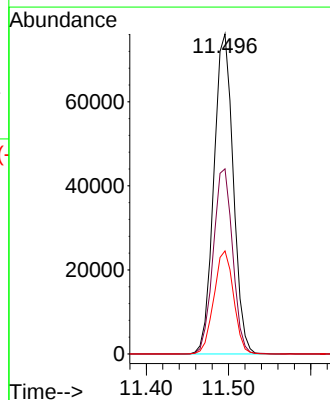
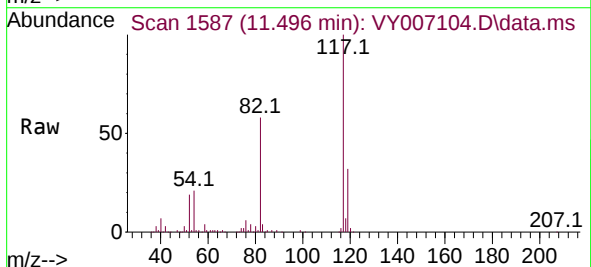
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ClientSampleId :
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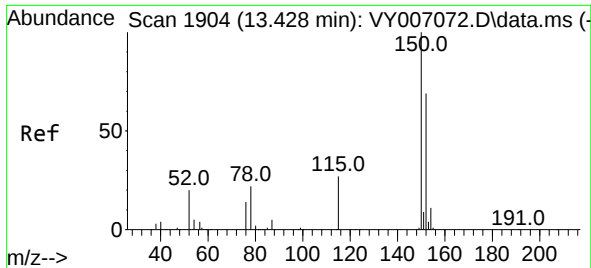
Tgt Ion: 95 Resp: 57746
Ion Ratio Lower Upper
95 100
174 73.5 0.0 148.4
176 70.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007104.D
Acq: 10 Jan 2022 14:46

Tgt Ion: 117 Resp: 125037
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 32.2 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007104.D

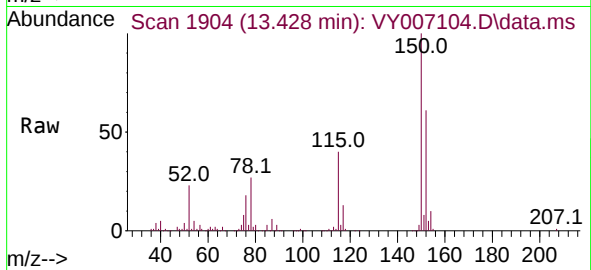
Acq: 10 Jan 2022 14:46

Instrument :

MSVOA_Y

ClientSampleId :

AMI-7



Tgt Ion:152 Resp: 50044

Ion Ratio Lower Upper

152 100

115 63.0 31.4 94.0

150 158.7 0.0 348.4

