

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006788.D
 Acq On : 17 Nov 2021 15:07
 Operator : SY/MD
 Sample : M4708-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-02-111621

Quant Time: Nov 18 03:02:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

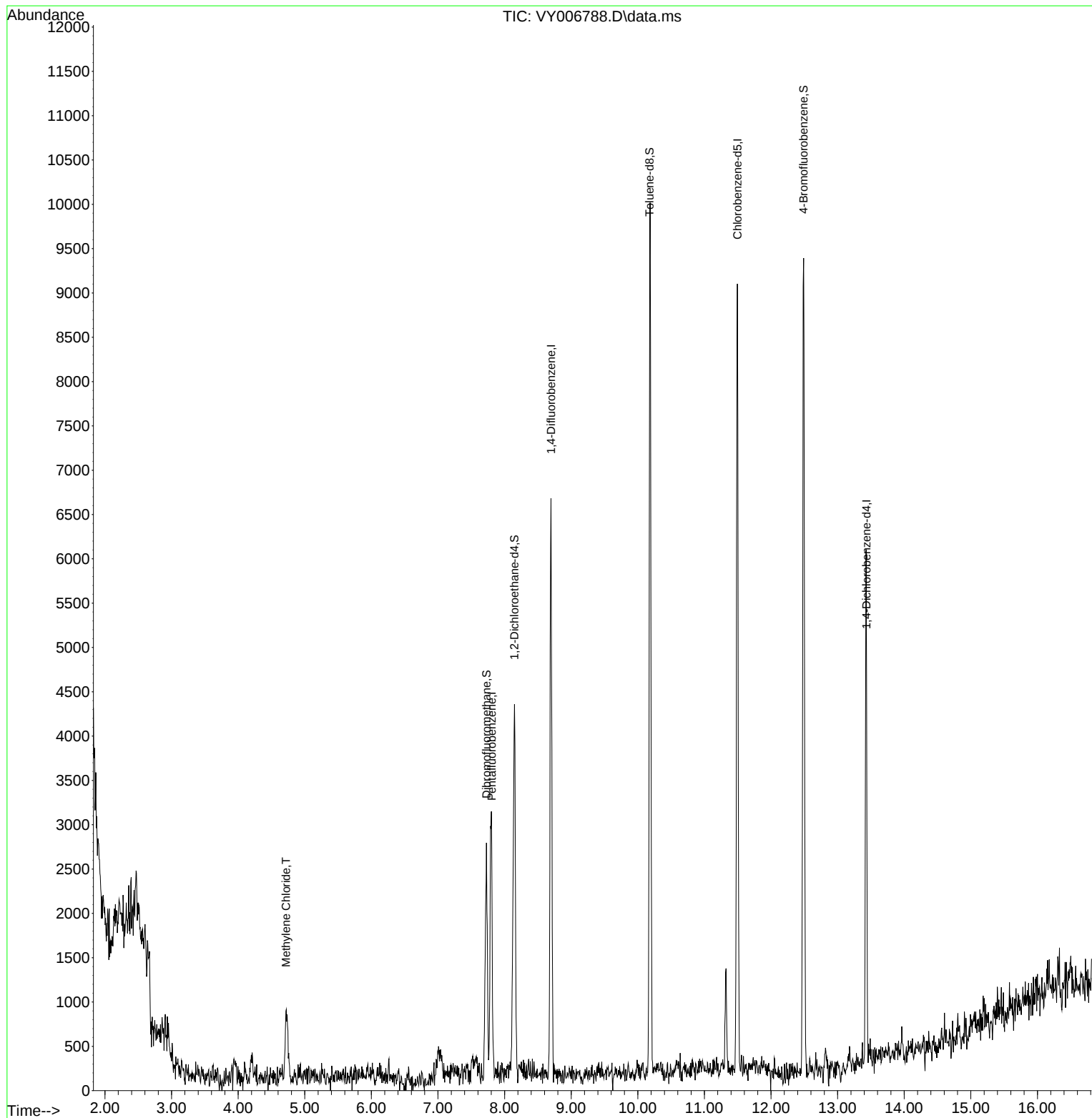
Internal Standards						
1) Pentafluorobenzene	7.807	168	2644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	5059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	4936	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3124	90.151	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.300%#	
35) Dibromofluoromethane	7.728	113	1656	53.292	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.580%	
50) Toluene-d8	10.179	98	6419	49.918	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.840%	
62) 4-Bromofluorobenzene	12.489	95	1711	39.469	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.940%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.716	84	596	16.690	ug/l	# 93

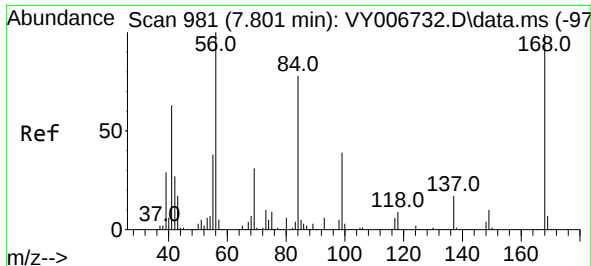
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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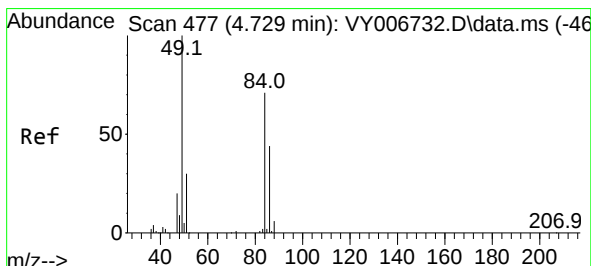
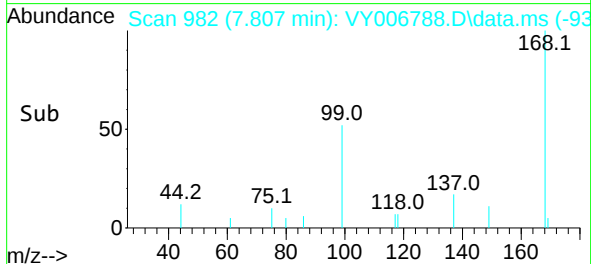
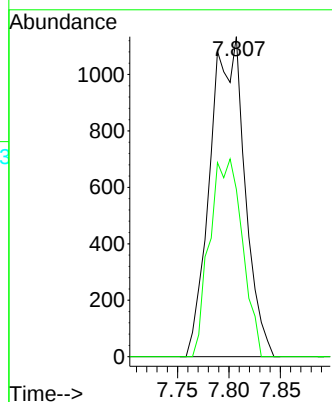
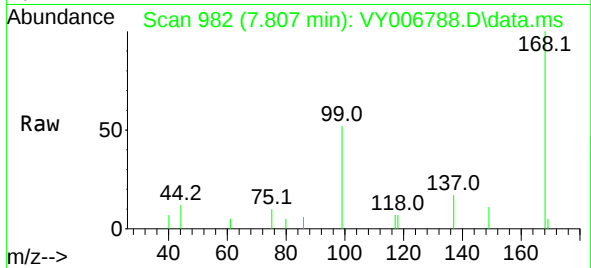




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

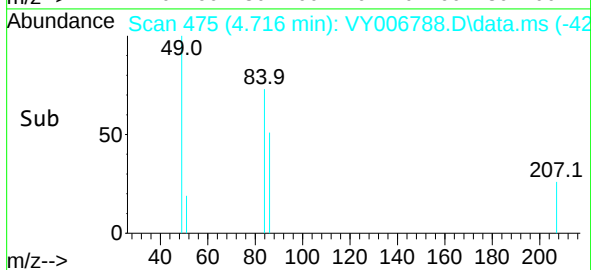
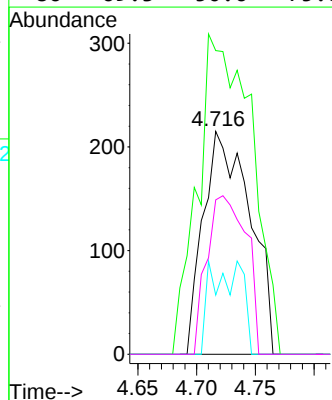
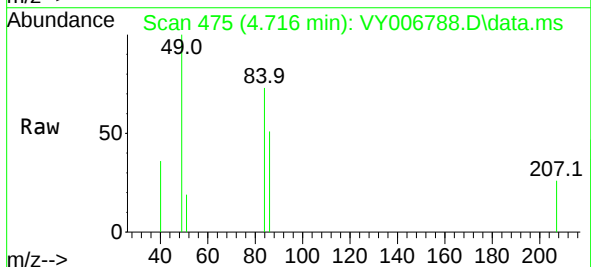
Instrument :
MSVOA_Y
ClientSampleId :
JC-02-111621

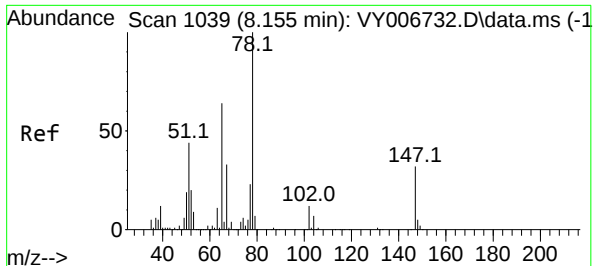
Tgt Ion:168 Resp: 2644
Ion Ratio Lower Upper
168 100
99 52.3 44.8 67.2



#20
Methylene Chloride
Concen: 16.690 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

Tgt Ion: 84 Resp: 596
Ion Ratio Lower Upper
84 100
49 136.3 107.8 161.8
51 26.5 32.8 49.2#
86 69.3 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 90.151 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006788.D

Acq: 17 Nov 2021 15:07

Instrument :

MSVOA_Y

ClientSampleId :

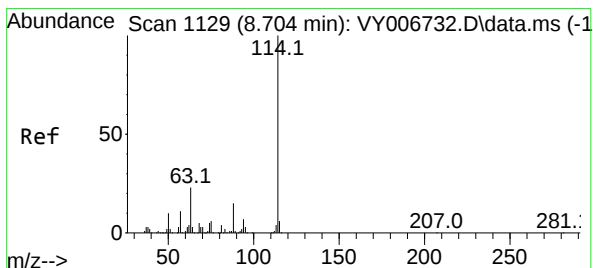
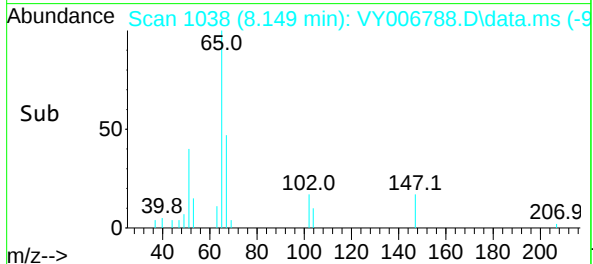
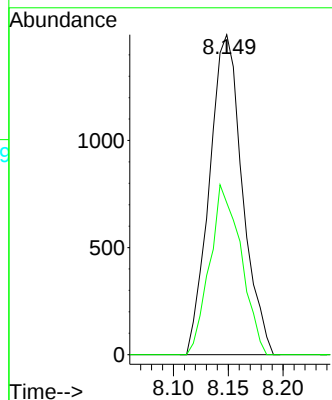
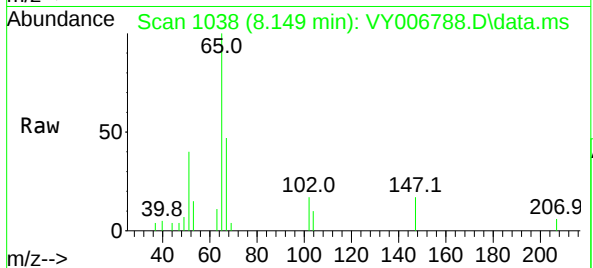
JC-02-111621

Tgt Ion: 65 Resp: 3124

Ion Ratio Lower Upper

65 100

67 50.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006788.D

Acq: 17 Nov 2021 15:07

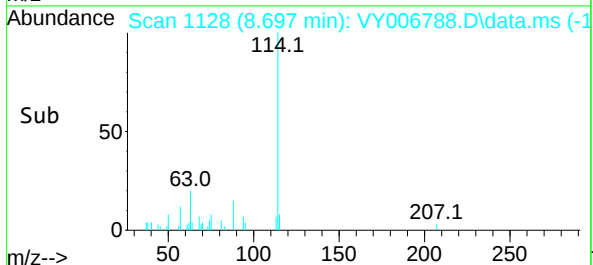
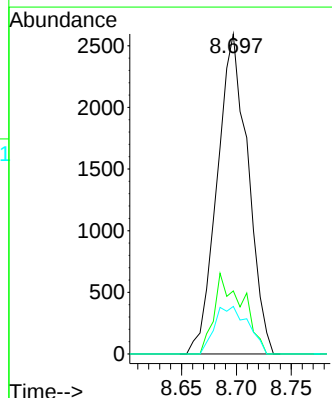
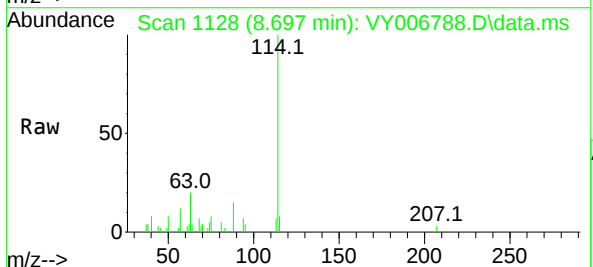
Tgt Ion: 114 Resp: 5059

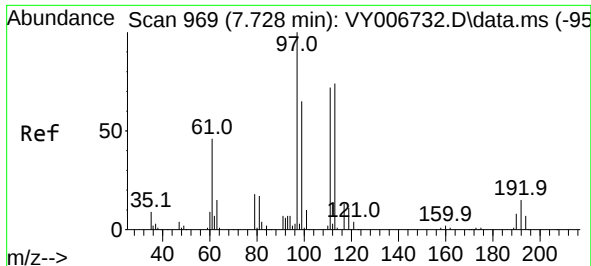
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 14.8 0.0 30.6

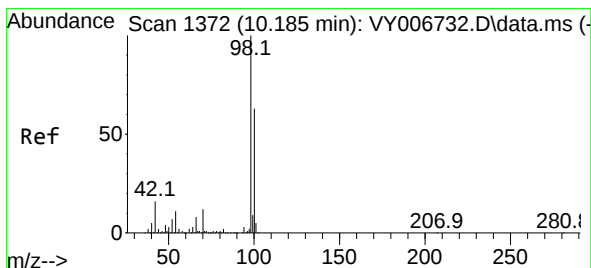
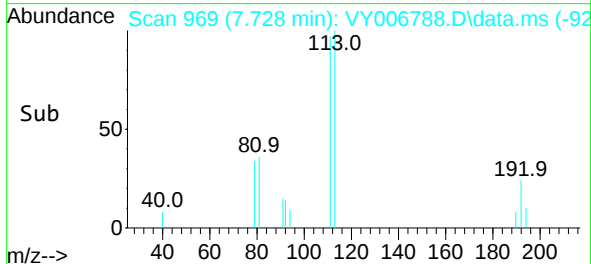
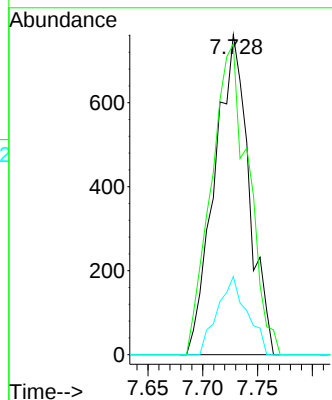
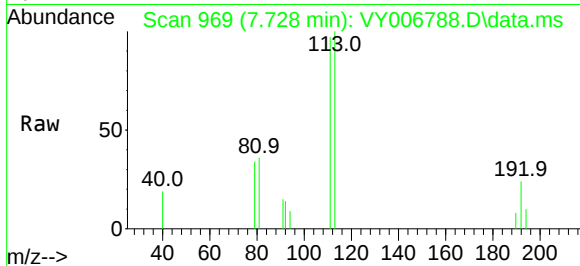




#35
Dibromofluoromethane
Concen: 53.292 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

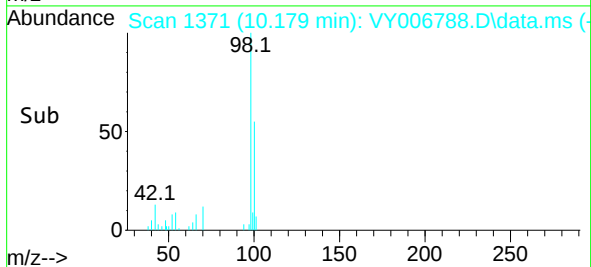
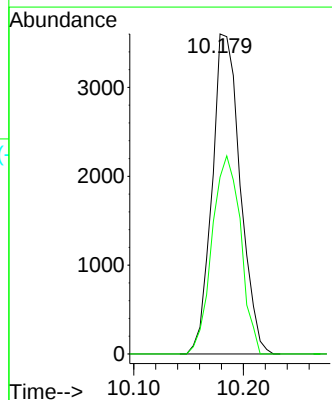
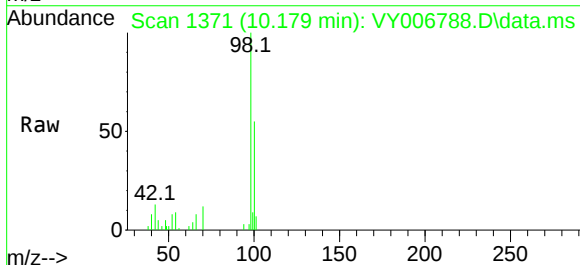
Instrument :
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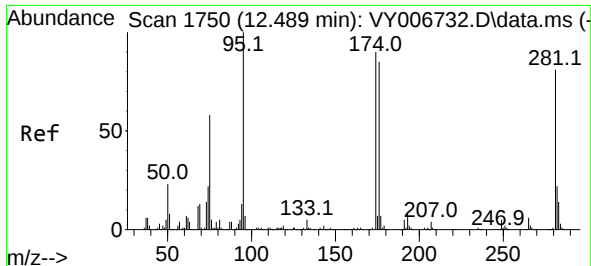
Tgt Ion:113 Resp: 1656
Ion Ratio Lower Upper
113 100
111 105.1 82.3 123.5
192 21.1 17.4 26.2



#50
Toluene-d8
Concen: 49.918 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

Tgt Ion: 98 Resp: 6419
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

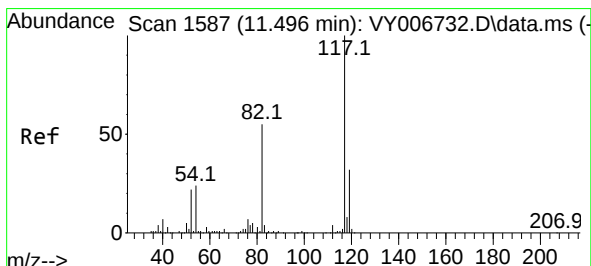
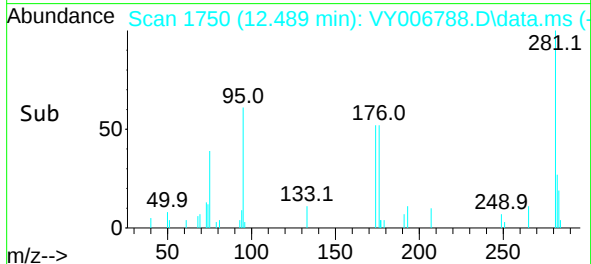
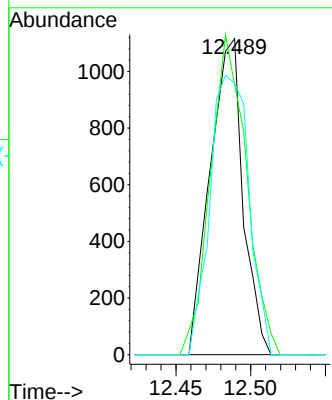
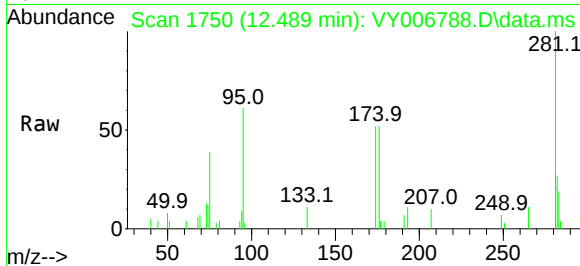




#62
4-Bromofluorobenzene
Concen: 39.469 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

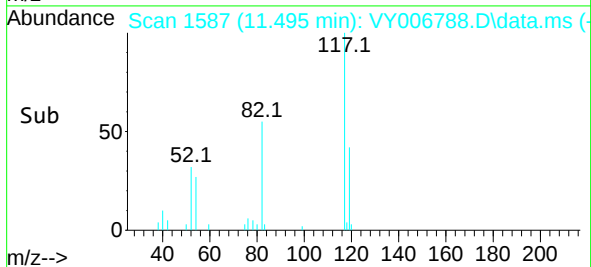
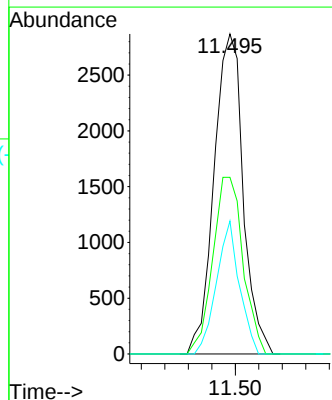
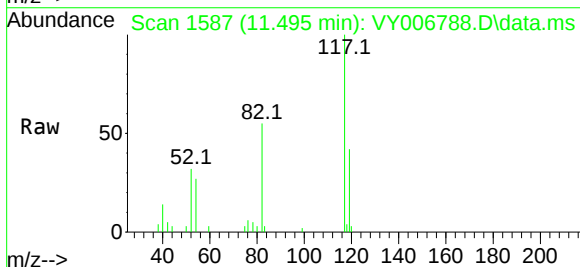
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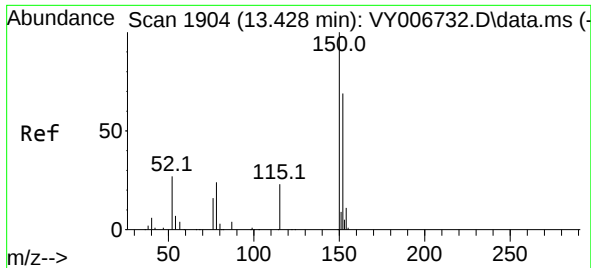
Tgt Ion: 95 Resp: 1711
Ion Ratio Lower Upper
95 100
174 110.6 0.0 177.0
176 104.6 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006788.D
Acq: 17 Nov 2021 15:07

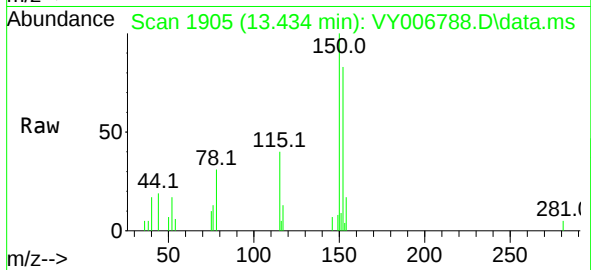
Tgt Ion: 117 Resp: 4936
Ion Ratio Lower Upper
117 100
82 55.2 45.7 68.5
119 41.5 25.5 38.3#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY006788.D
 Acq: 17 Nov 2021 15:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-02-111621



Tgt Ion:152 Resp: 1545
 Ion Ratio Lower Upper
 152 100
 115 50.2 28.5 85.5
 150 138.3 0.0 348.2

