

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006690.D
 Acq On : 08 Nov 2021 19:05
 Operator : SY/MD
 Sample : M4540-07
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Nov 09 13:07:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

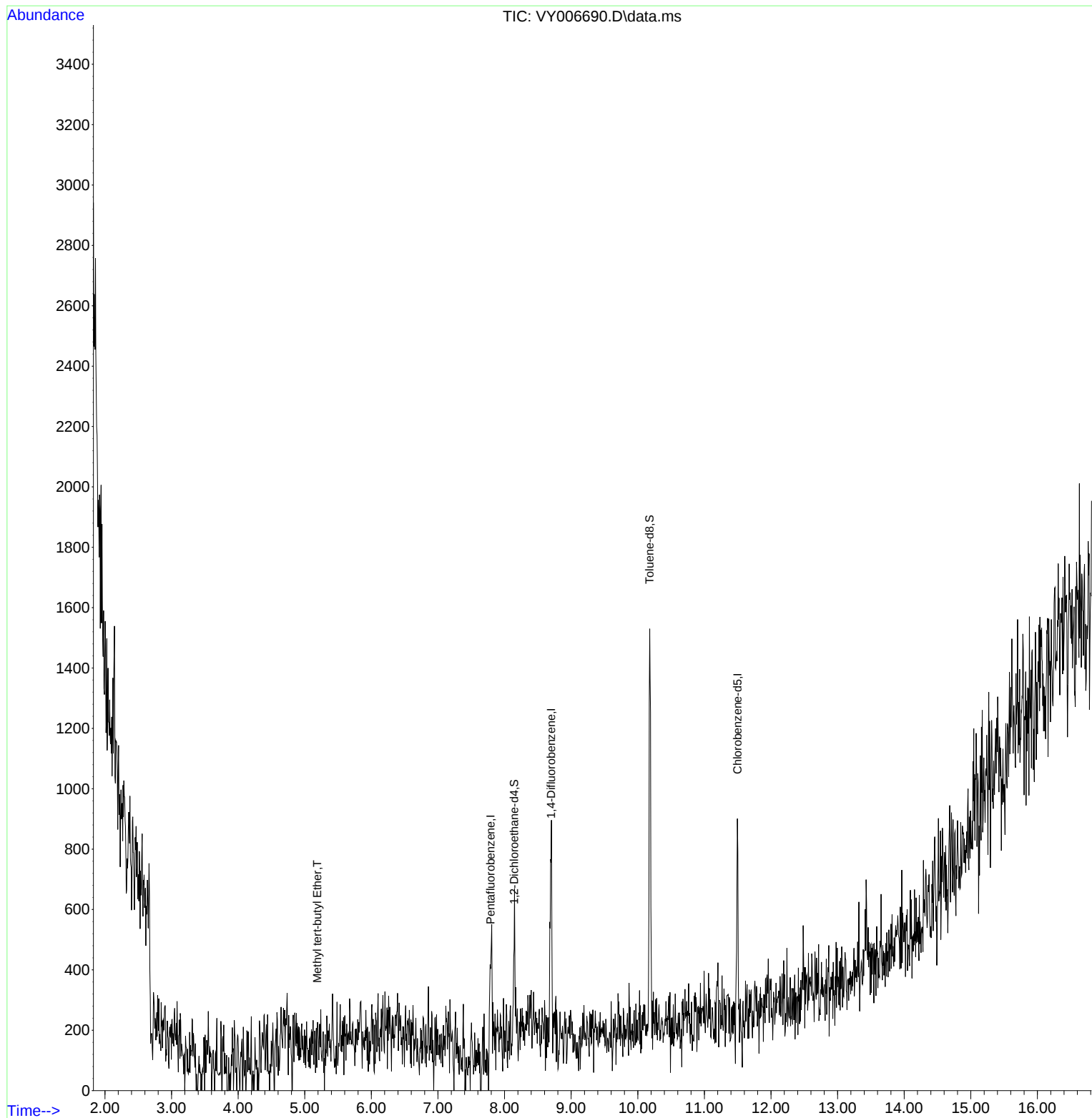
Internal Standards						
1) Pentafluorobenzene	7.789	168	487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	436	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	441	73.588	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.180%	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.179	98	906	45.867	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.740%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	= 0.000%#	
Target Compounds						
19) Methyl tert-butyl Ether	5.186	73	20	1.419	ug/l	# 53

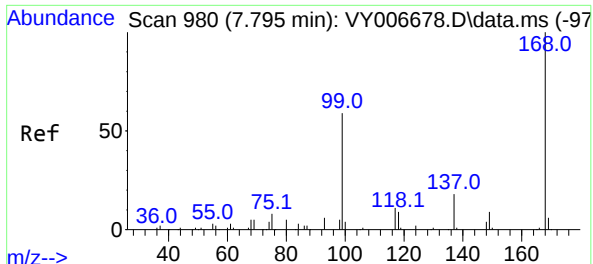
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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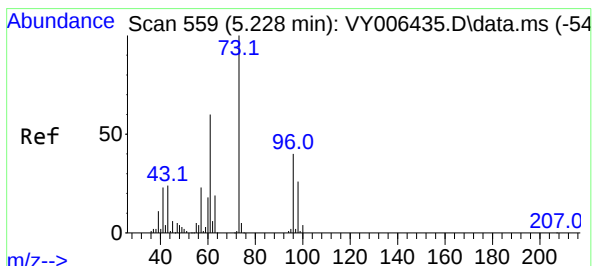
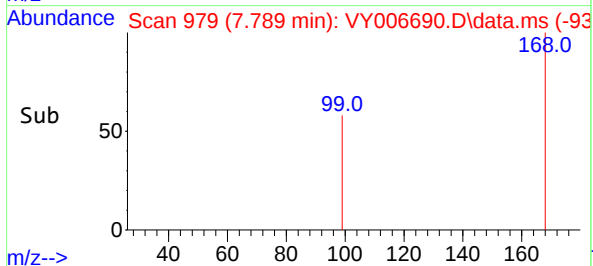
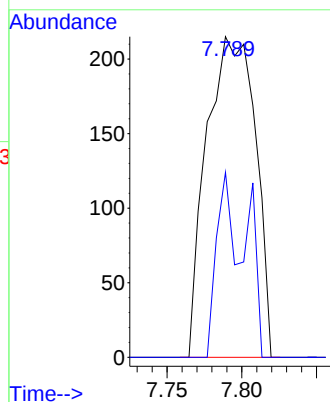
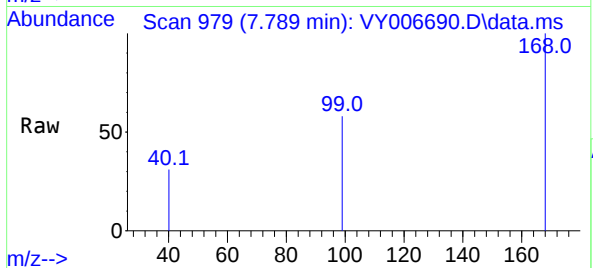




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006690.D
Acq: 08 Nov 2021 19:05

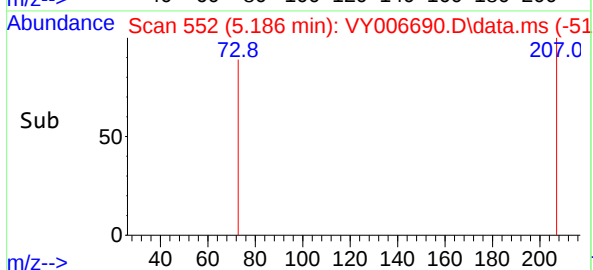
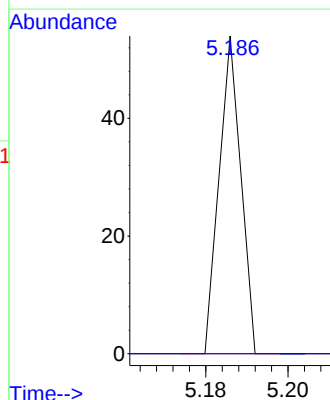
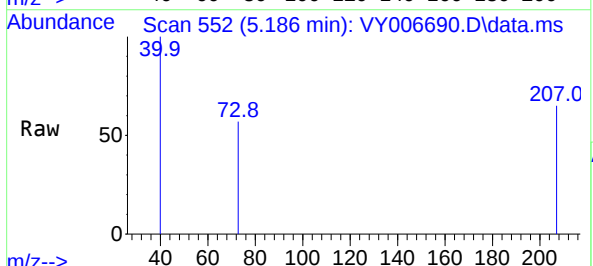
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

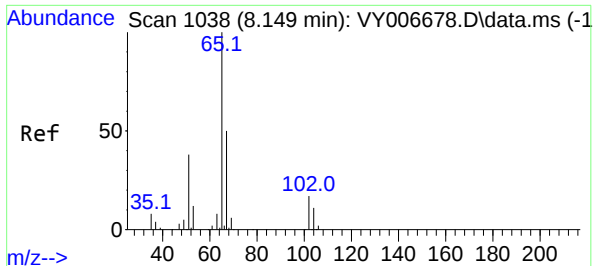
Tgt Ion:168 Resp: 487
Ion Ratio Lower Upper
168 100
99 57.7 44.8 67.2



#19
Methyl tert-butyl Ether
Concen: 1.419 ug/l
RT: 5.186 min Scan# 552
Delta R.T. -0.043 min
Lab File: VY006690.D
Acq: 08 Nov 2021 19:05

Tgt Ion: 73 Resp: 20
Ion Ratio Lower Upper
73 100
57 0.0 18.2 27.2#





#33

1,2-Dichloroethane-d4

Concen: 73.588 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY006690.D

Acq: 08 Nov 2021 19:05

Instrument :

MSVOA_Y

ClientSampleId :

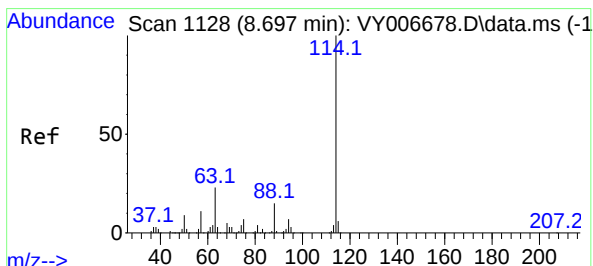
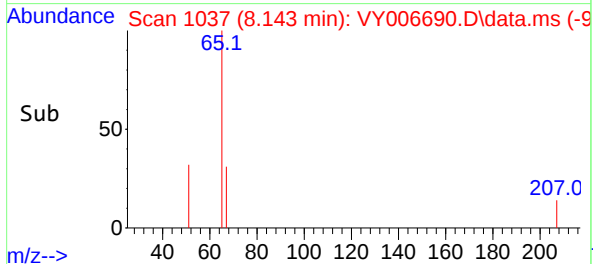
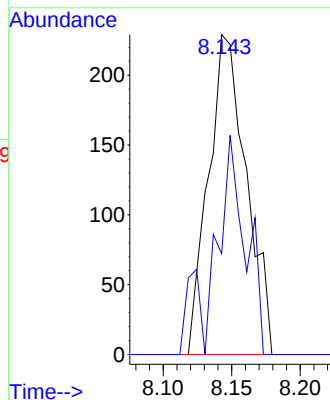
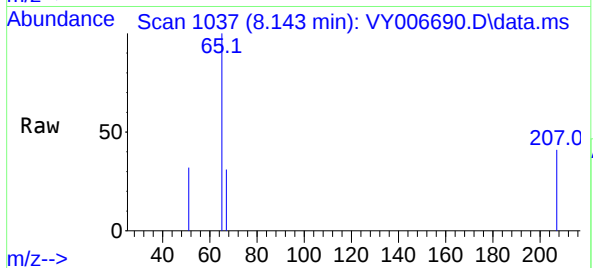
TP-4

Tgt Ion: 65 Resp: 441

Ion Ratio Lower Upper

65 100

67 47.6 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006690.D

Acq: 08 Nov 2021 19:05

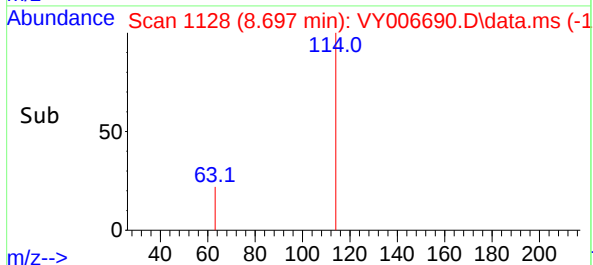
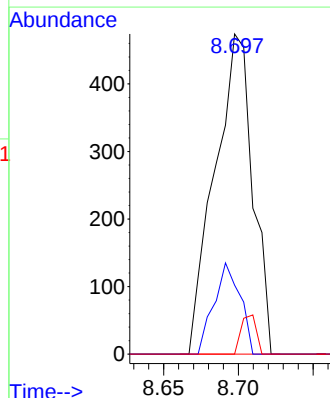
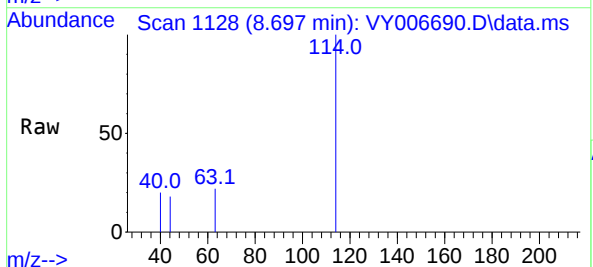
Tgt Ion: 114 Resp: 836

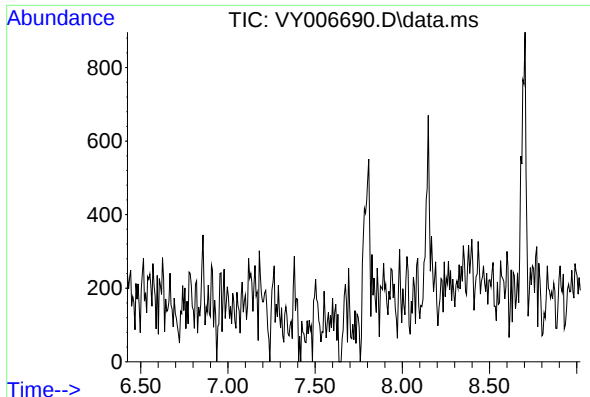
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 0.0 0.0 30.6

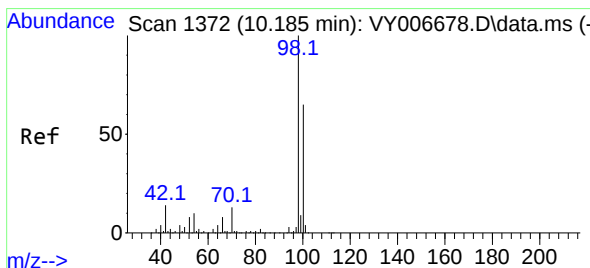
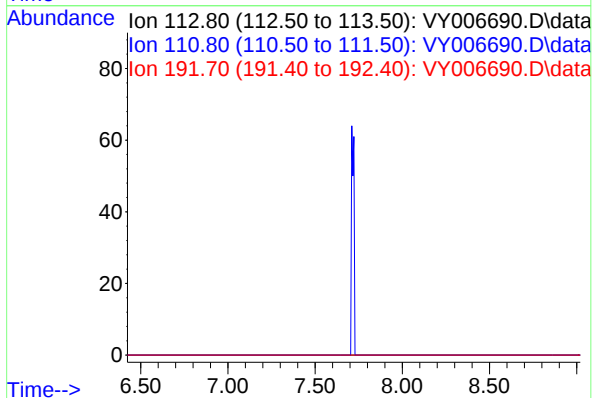




#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.72 min
 Lab File: VY006690.D
 Acq: 08 Nov 2021 19:05

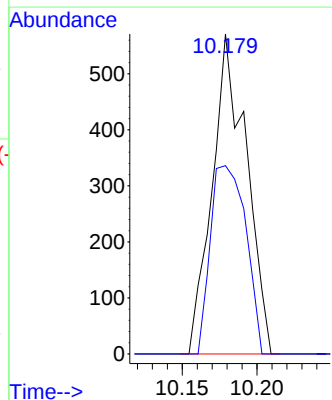
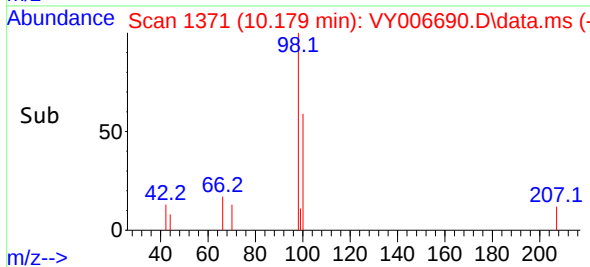
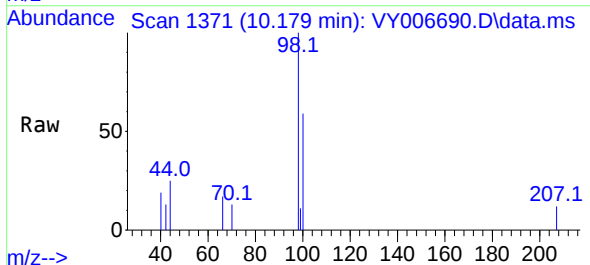
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

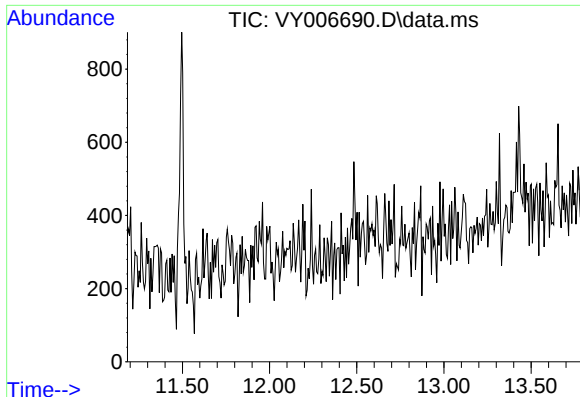
Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 102.9
 192 21.8



#50
 Toluene-d8
 Concen: 45.867 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.006 min
 Lab File: VY006690.D
 Acq: 08 Nov 2021 19:05

Tgt Ion: 98 Resp: 906
 Ion Ratio Lower Upper
 98 100
 100 61.0 50.9 76.3

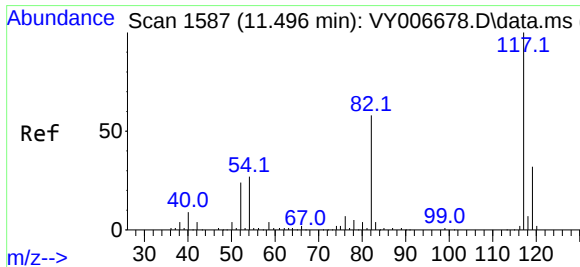
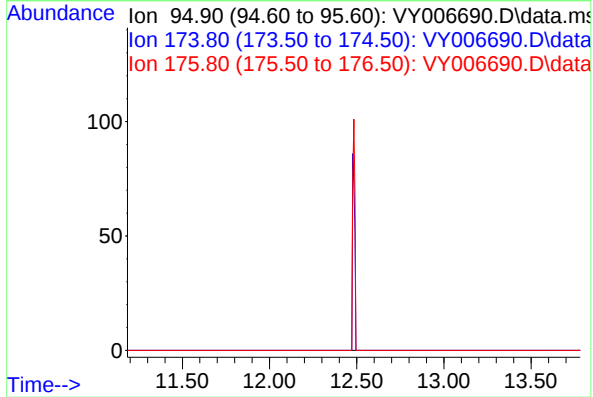




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.48 min
 Lab File: VY006690.D
 Acq: 08 Nov 2021 19:05

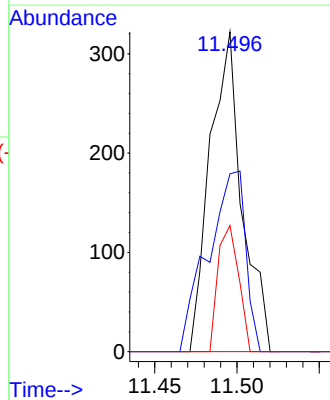
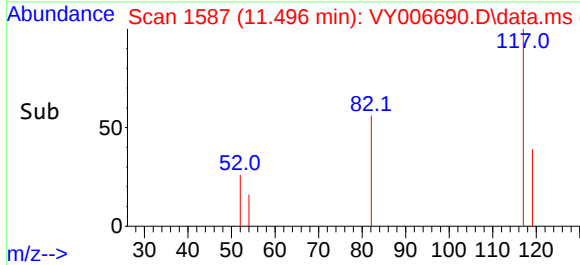
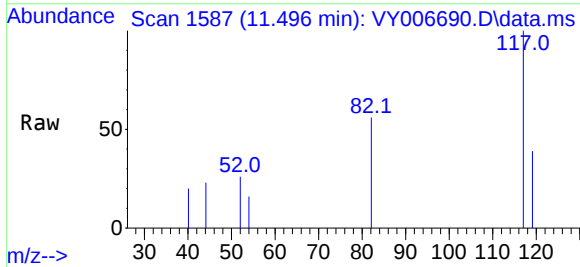
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

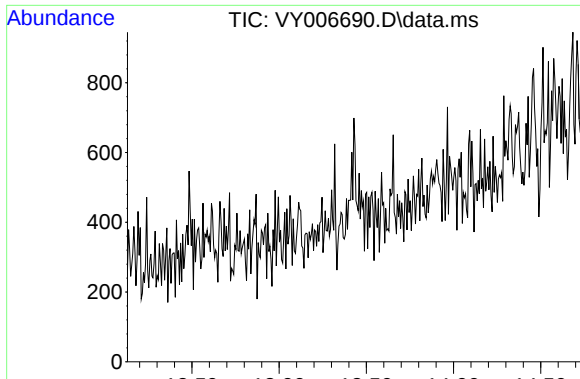
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 88.5
 176 84.7



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.496 min Scan# 1587
 Delta R.T. 0.006 min
 Lab File: VY006690.D
 Acq: 08 Nov 2021 19:05

Tgt Ion: 117 Resp: 436
 Ion Ratio Lower Upper
 117 100
 82 55.6 45.7 68.5
 119 39.4 25.5 38.3#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min
Lab File: VY006690.D
Acq: 08 Nov 2021 19:05

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.0
150 174.1

