

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006691.D
 Acq On : 08 Nov 2021 19:28
 Operator : SY/MD
 Sample : M4540-09
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Nov 09 13:08:03 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)

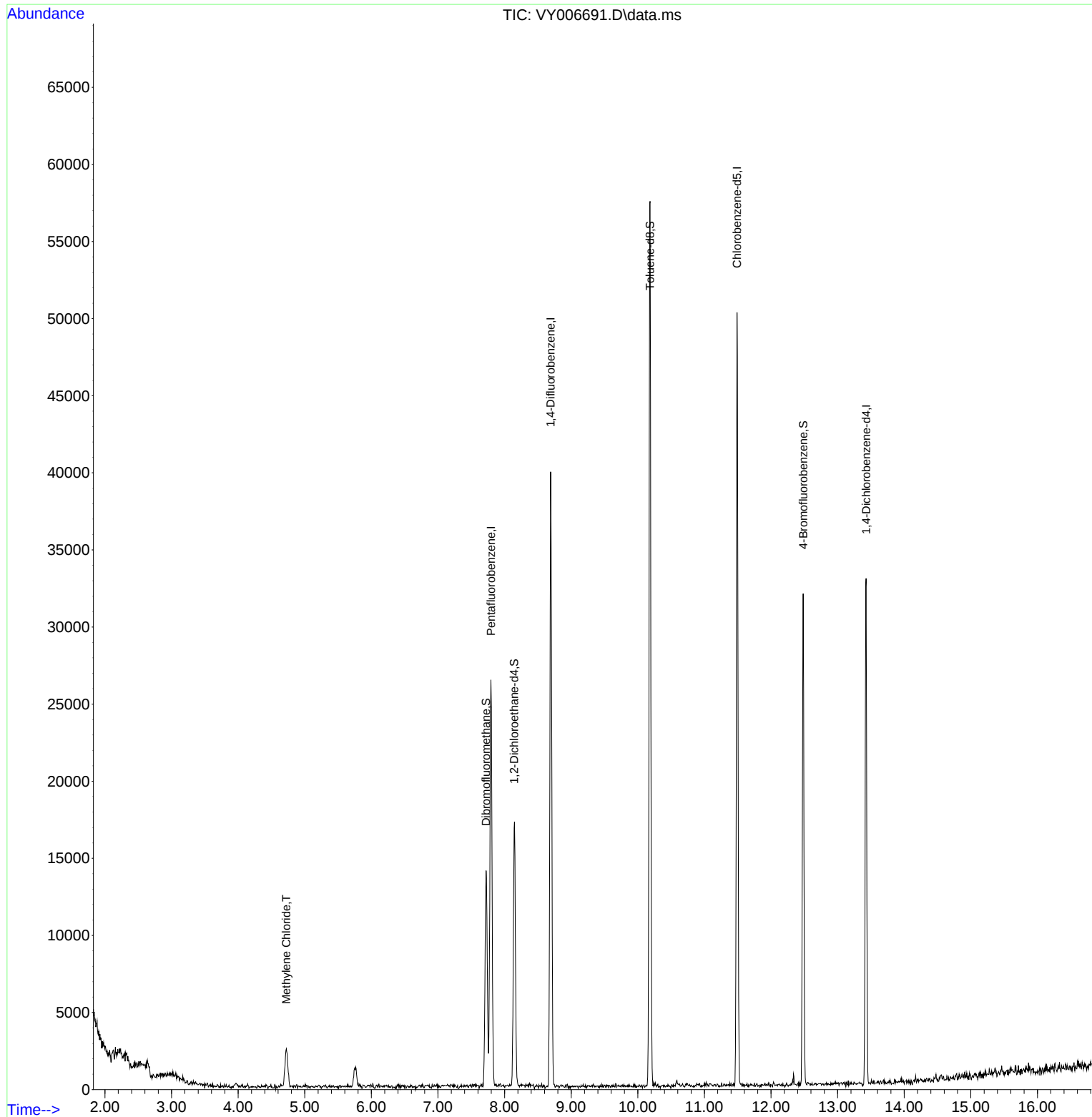
Internal Standards						
1) Pentafluorobenzene	7.795	168	19622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	30914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	13803	57.164	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.320%
35) Dibromofluoromethane	7.722	113	9185	53.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.620%
50) Toluene-d8	10.185	98	37337	51.116	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.483	95	9040	36.740	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.480%
Target Compounds						
20) Methylene Chloride	4.722	84	1776	4.568	ug/l	Qvalue # 93

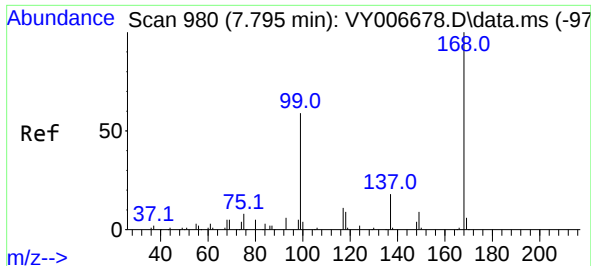
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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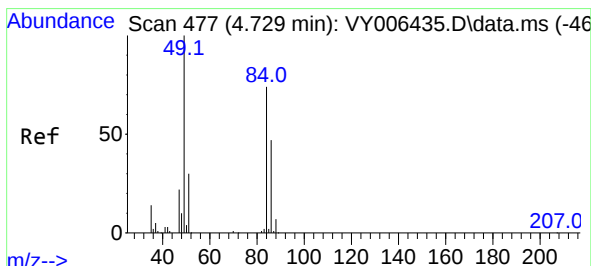
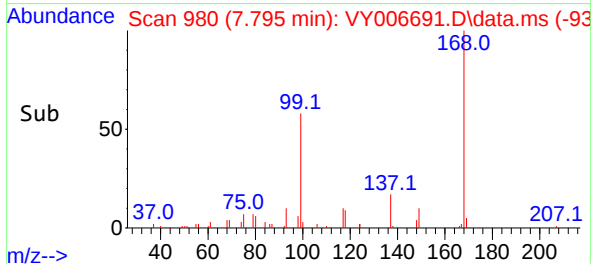
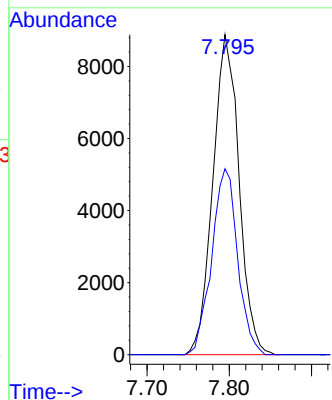
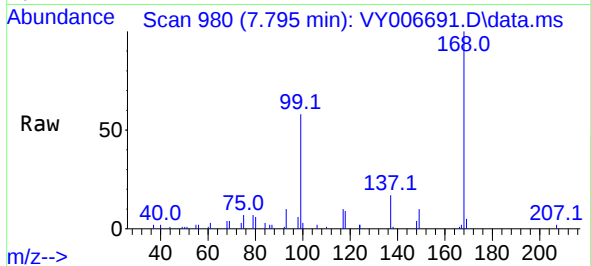




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

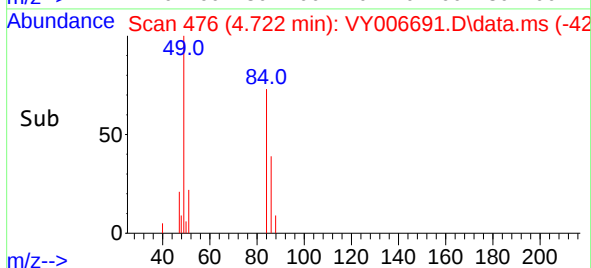
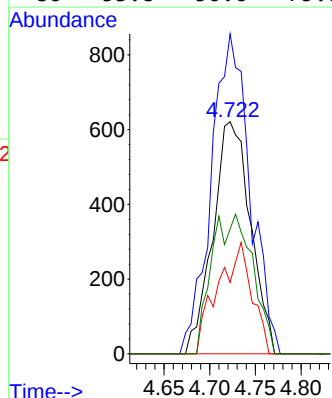
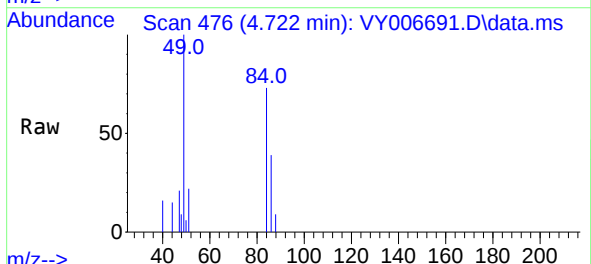
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

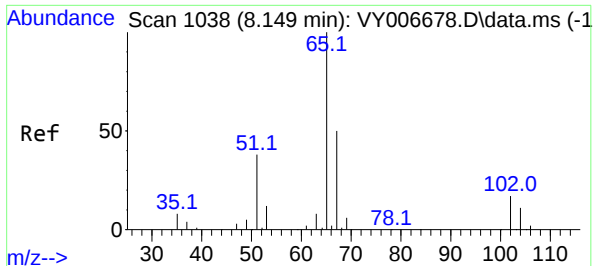
Tgt Ion:168 Resp: 19622
Ion Ratio Lower Upper
168 100
99 58.1 44.8 67.2



#20
Methylene Chloride
Concen: 4.568 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

Tgt Ion: 84 Resp: 1776
Ion Ratio Lower Upper
84 100
49 137.8 107.8 161.8
51 30.8 32.8 49.2#
86 53.8 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 57.164 ug/l

RT: 8.142 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006691.D

Acq: 08 Nov 2021 19:28

Instrument :

MSVOA_Y

ClientSampleId :

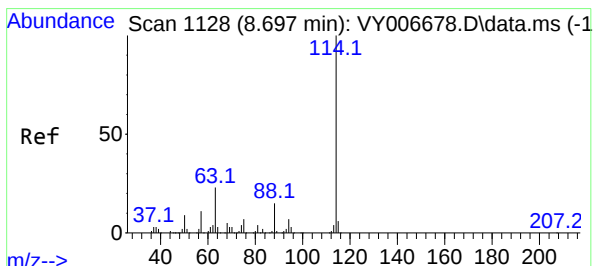
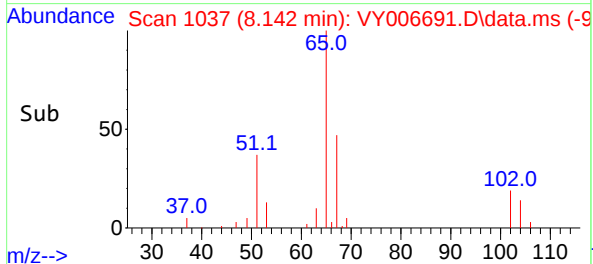
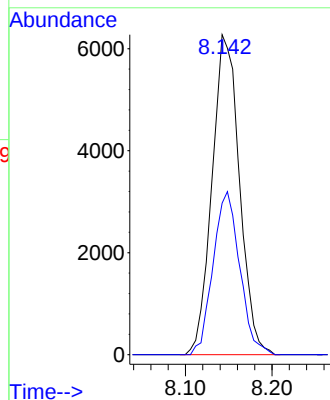
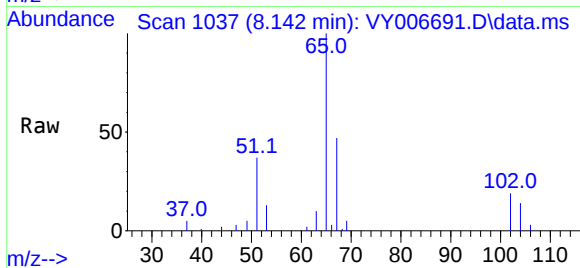
TP-5

Tgt Ion: 65 Resp: 13803

Ion Ratio Lower Upper

65 100

67 49.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY006691.D

Acq: 08 Nov 2021 19:28

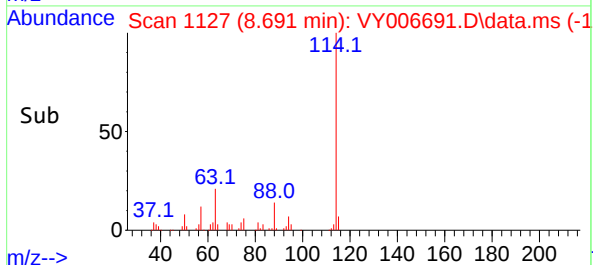
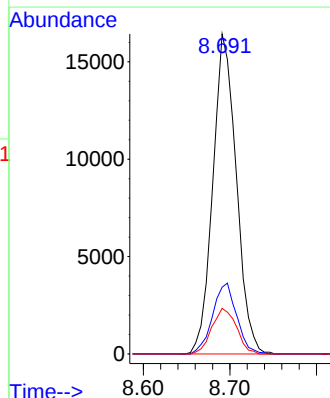
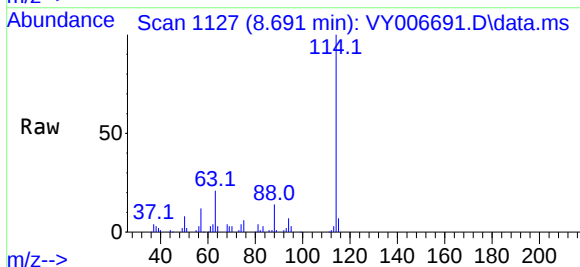
Tgt Ion: 114 Resp: 30914

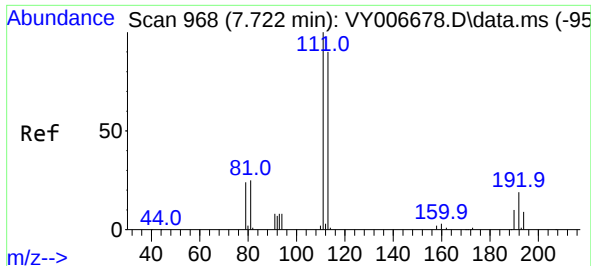
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 14.2 0.0 30.6

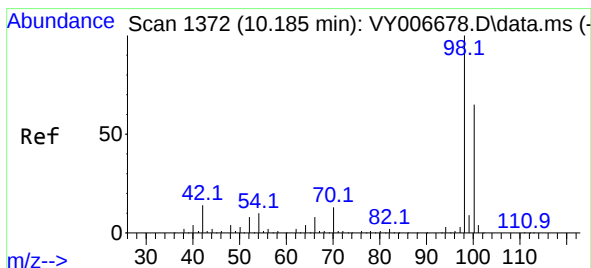
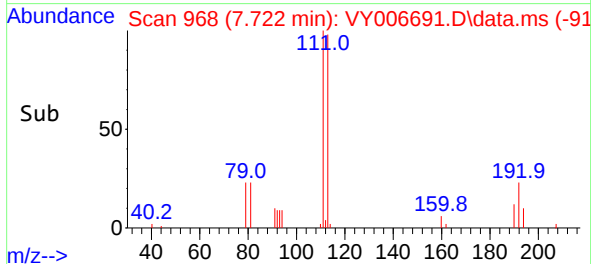
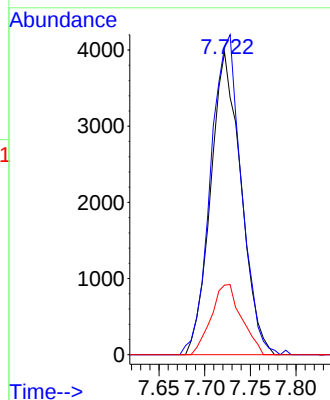
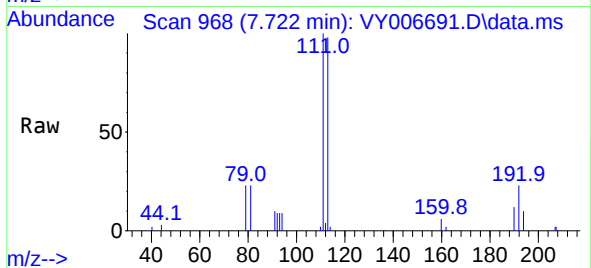




#35
Dibromofluoromethane
Concen: 53.306 ug/l
RT: 7.722 min Scan# 9185
Delta R.T. -0.000 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

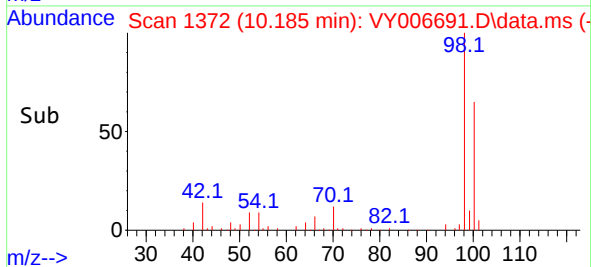
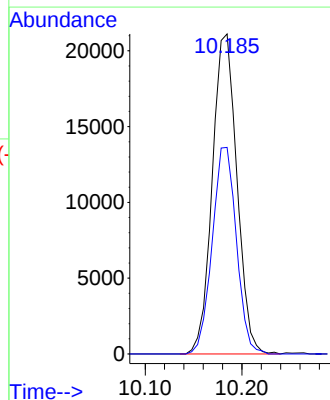
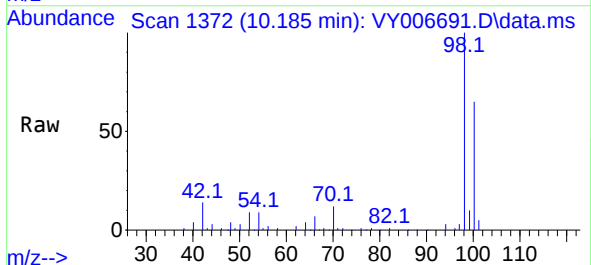
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

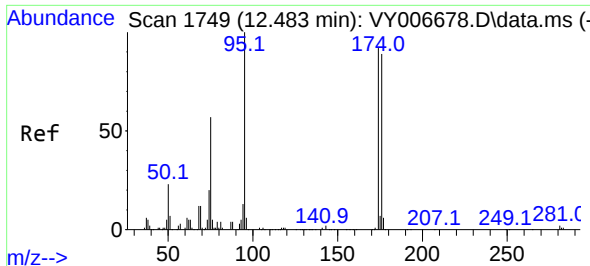
Tgt Ion:113 Resp: 9185
Ion Ratio Lower Upper
113 100
111 107.2 82.3 123.5
192 23.0 17.4 26.2



#50
Toluene-d8
Concen: 51.116 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

Tgt Ion: 98 Resp: 37337
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

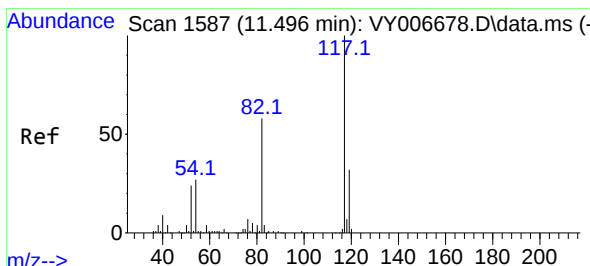
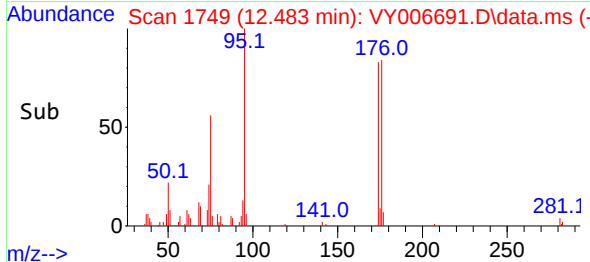
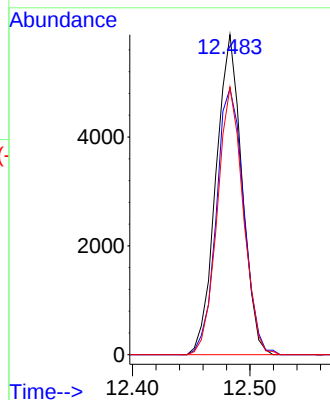
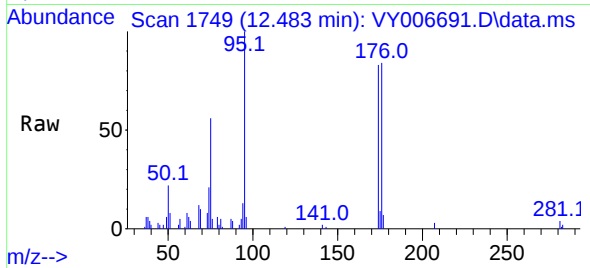




#62
4-Bromofluorobenzene
Concen: 36.740 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

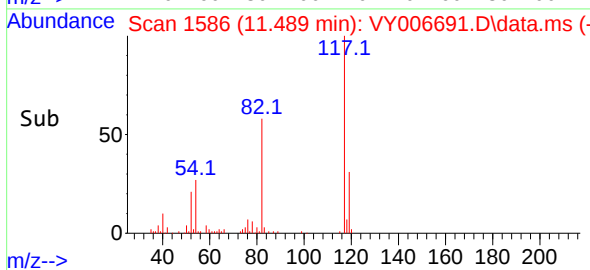
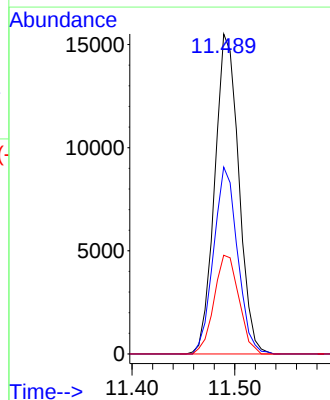
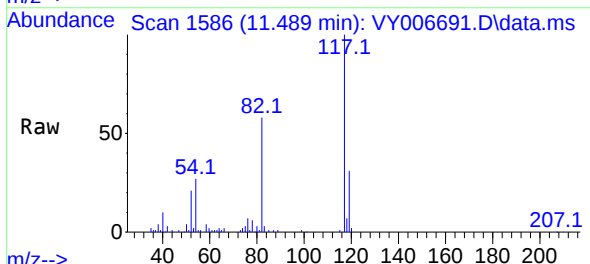
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

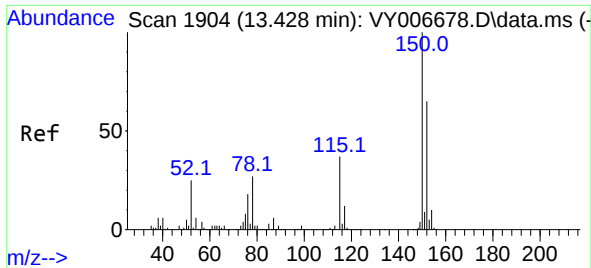
Tgt Ion:	95	Resp:	9040
Ion	Ratio	Lower	Upper
95	100		
174	87.9	0.0	177.0
176	83.3	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

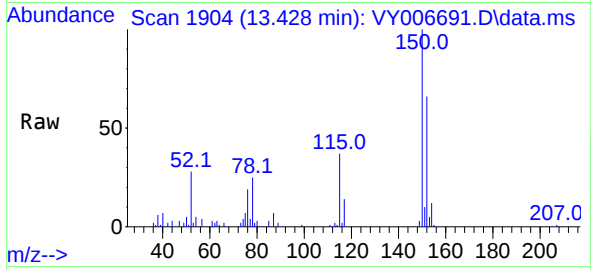
Tgt Ion:	117	Resp:	25151
Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.7	68.5
119	30.8	25.5	38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006691.D
 Acq: 08 Nov 2021 19:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5



Tgt Ion:152 Resp: 8142

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.5	85.5
150	156.8	0.0	348.2

