

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006439.D
 Acq On : 22 Oct 2021 14:46
 Operator : SY/MD
 Sample : VY1022SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBL01

Quant Time: Oct 23 07:05:14 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)

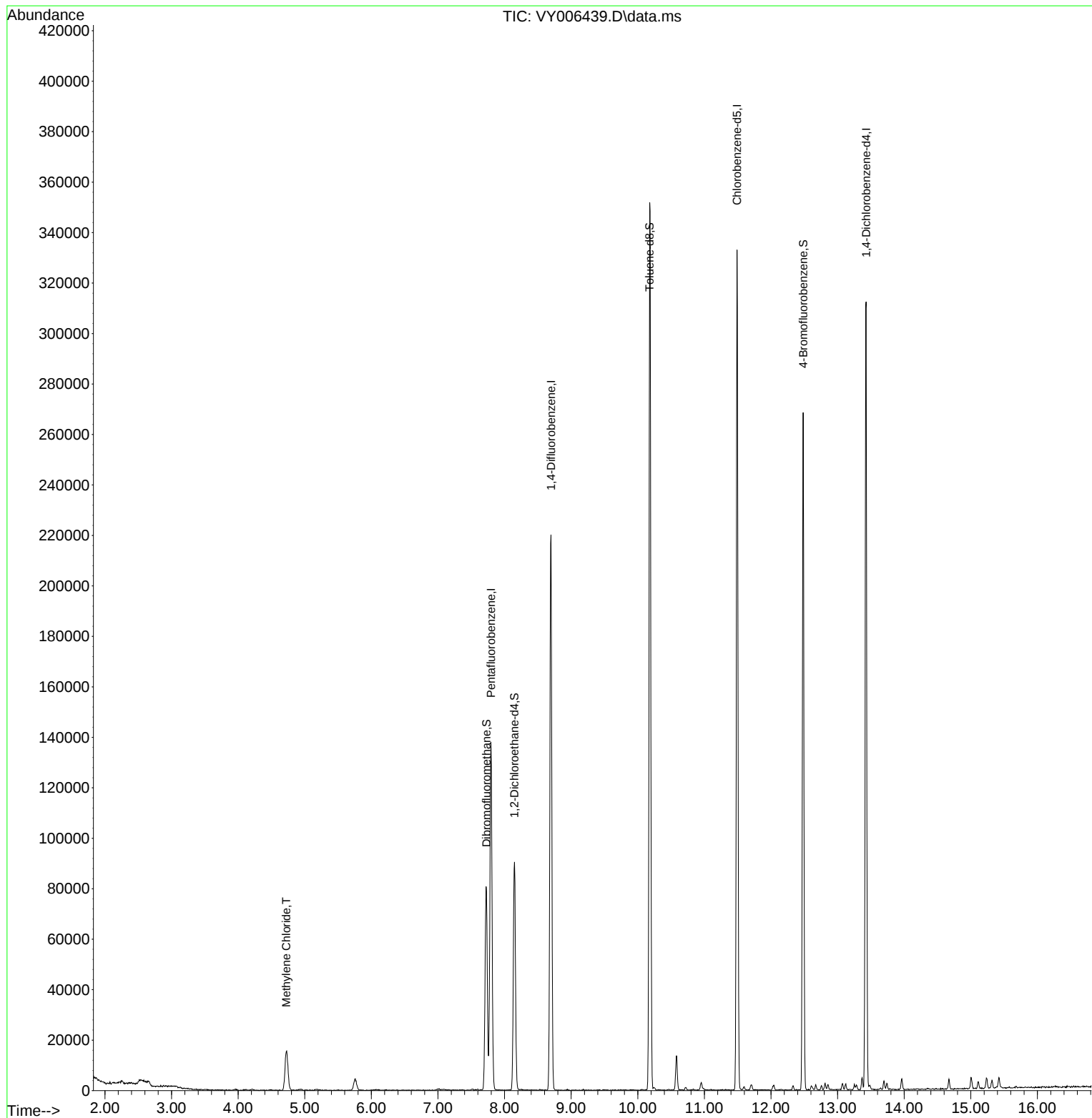
Internal Standards						
1) Pentafluorobenzene	7.795	168	104222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	178467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	166956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76364	59.542	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.080%
35) Dibromofluoromethane	7.728	113	54199	54.487	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.980%
50) Toluene-d8	10.179	98	224980	53.353	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.483	95	72145	50.790	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.580%
Target Compounds						
20) Methylene Chloride	4.723	84	11117	6.166	ug/l	Qvalue 95

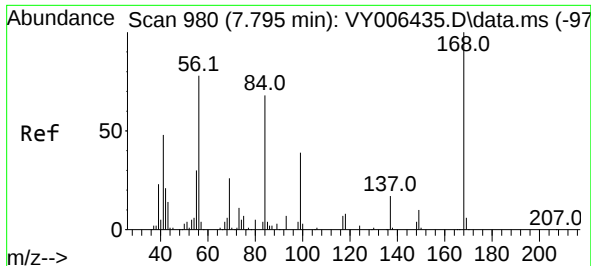
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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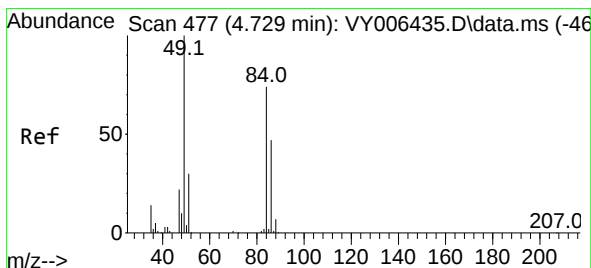
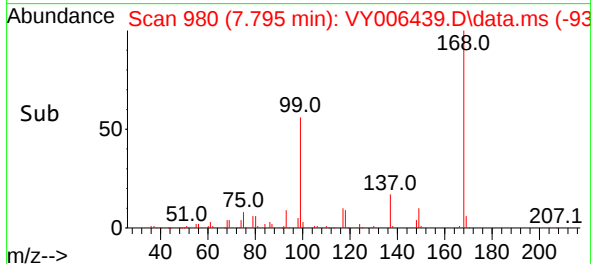
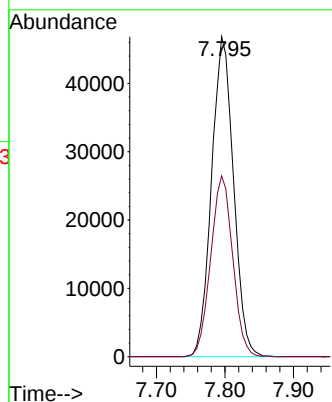
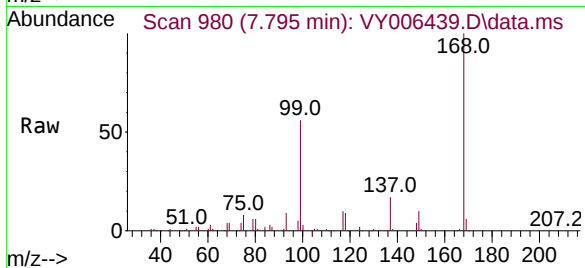




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

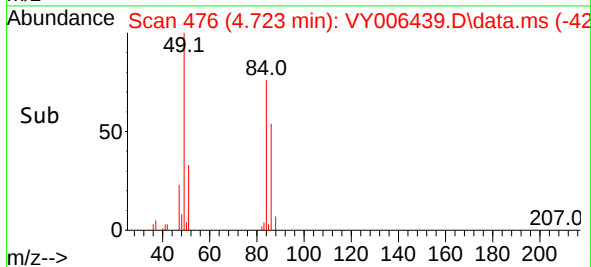
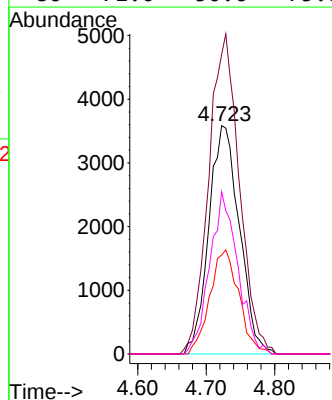
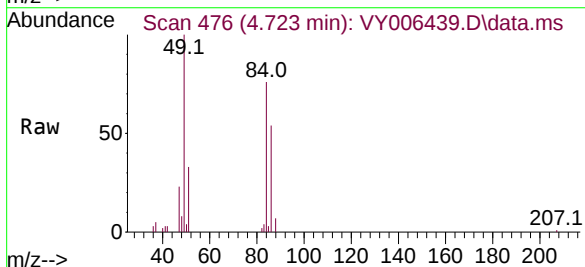
Instrument :
MSVOA_Y
ClientSampleId :
VY1022SBL01

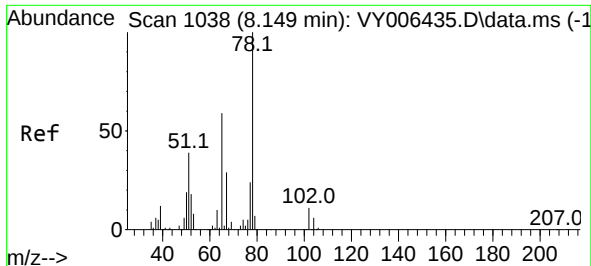
Tgt Ion:168 Resp: 104222
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#20
Methylene Chloride
Concen: 6.166 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

Tgt Ion: 84 Resp: 11117
Ion Ratio Lower Upper
84 100
49 131.2 107.8 161.8
51 43.3 32.8 49.2
86 71.0 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 59.542 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006439.D

Acq: 22 Oct 2021 14:46

Instrument :

MSVOA_Y

ClientSampleId :

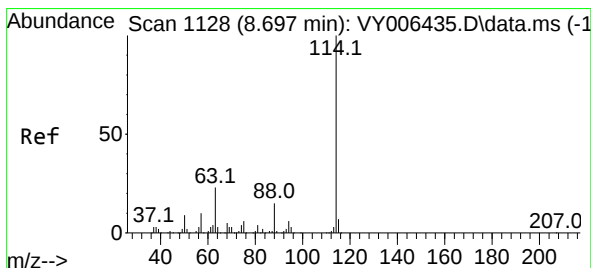
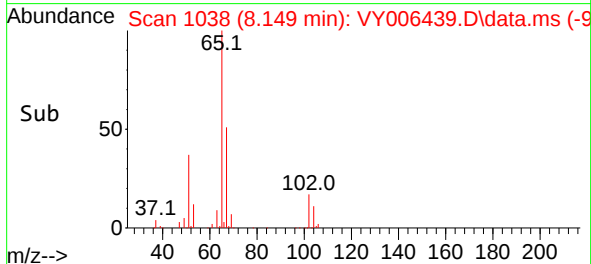
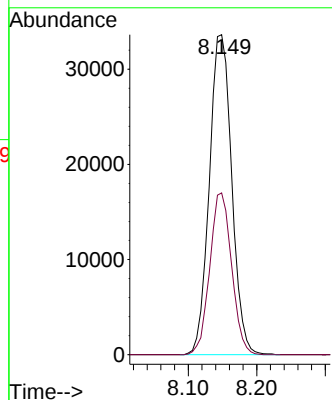
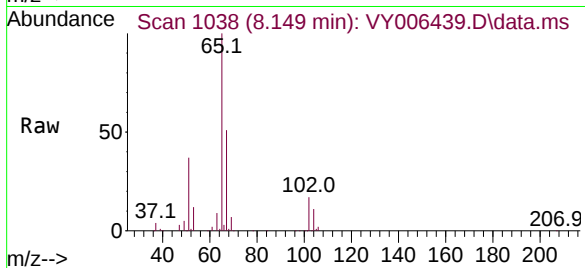
VY1022SBL01

Tgt Ion: 65 Resp: 76364

Ion Ratio Lower Upper

65 100

67 49.2 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: VY006439.D

Acq: 22 Oct 2021 14:46

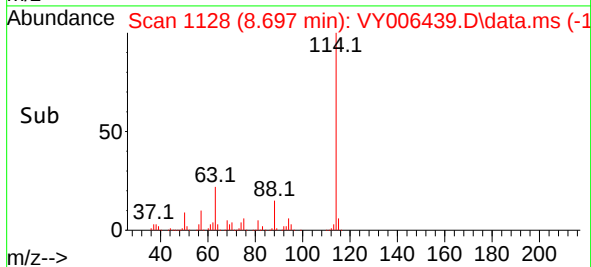
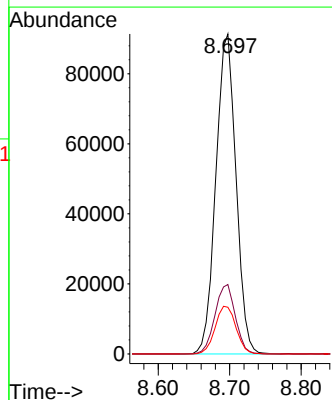
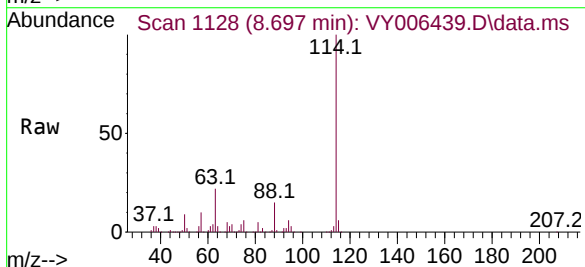
Tgt Ion: 114 Resp: 178467

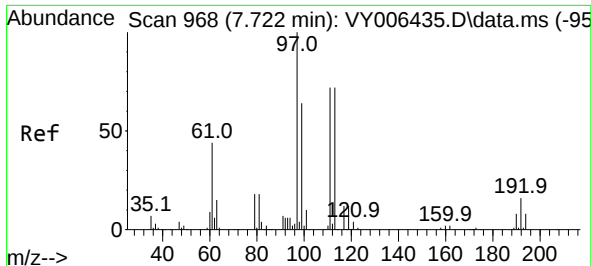
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.487 ug/l

RT: 7.728 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY006439.D

Acq: 22 Oct 2021 14:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1022SBL01

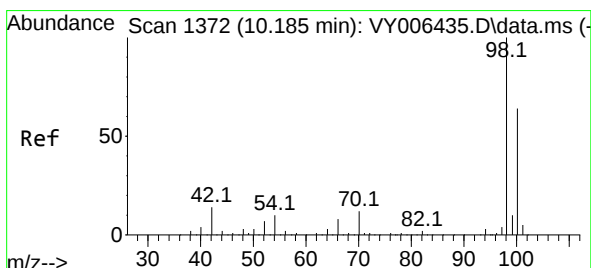
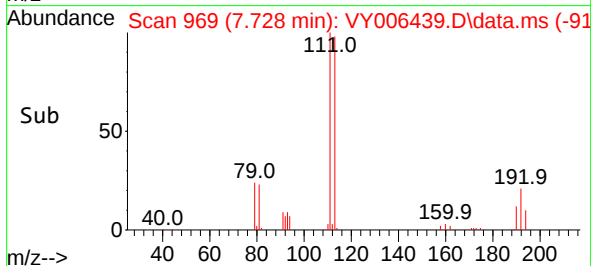
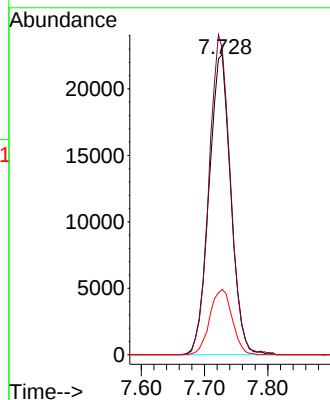
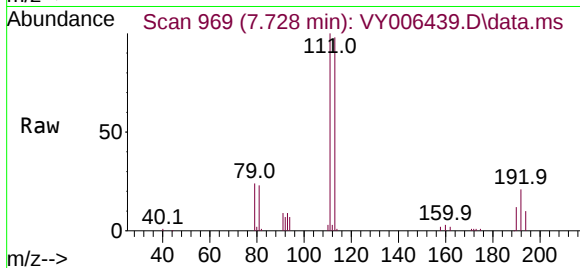
Tgt Ion:113 Resp: 54199

Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 22.2 17.4 26.2



#50

Toluene-d8

Concen: 53.353 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY006439.D

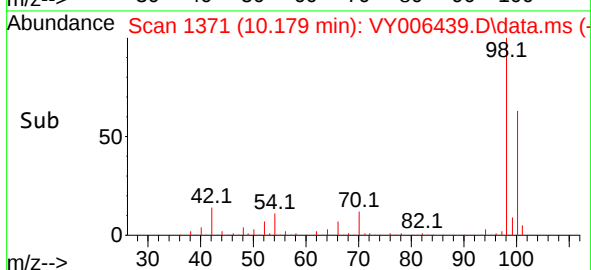
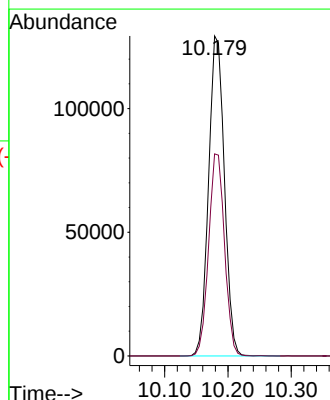
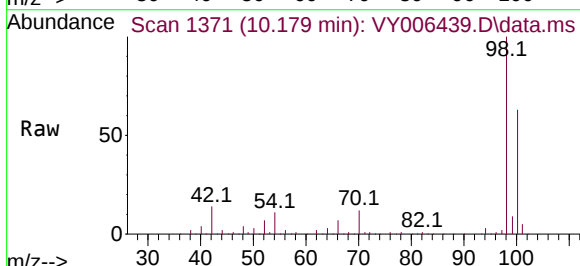
Acq: 22 Oct 2021 14:46

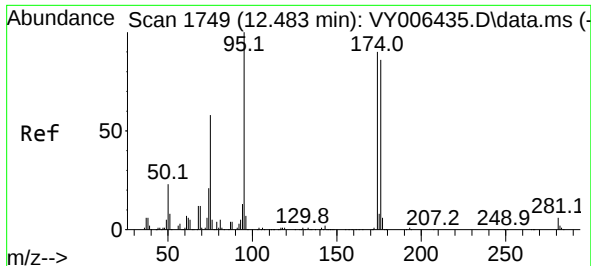
Tgt Ion: 98 Resp: 224980

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3

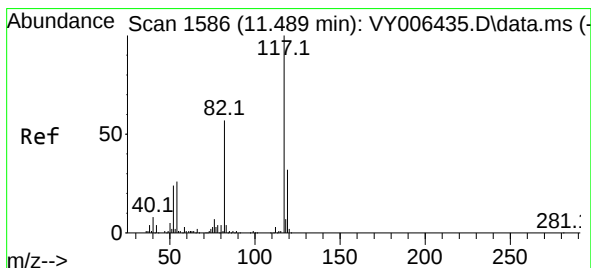
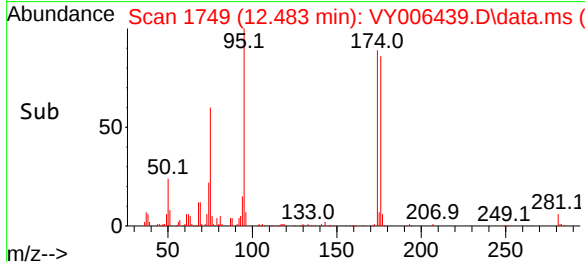
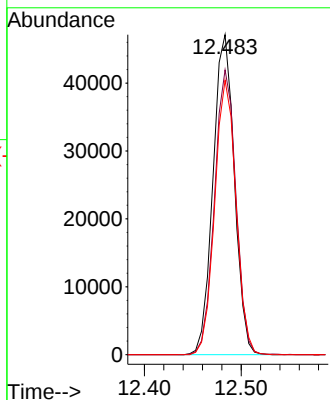
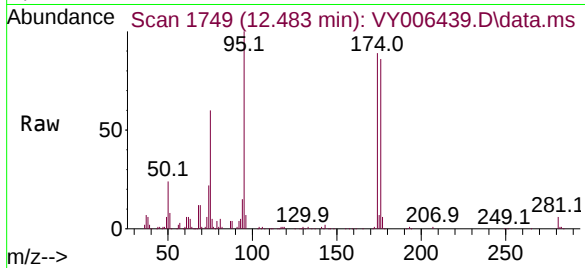




#62
4-Bromofluorobenzene
Concen: 50.790 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

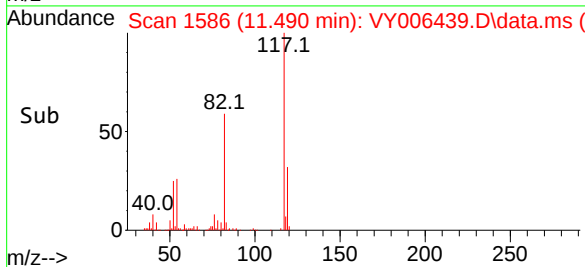
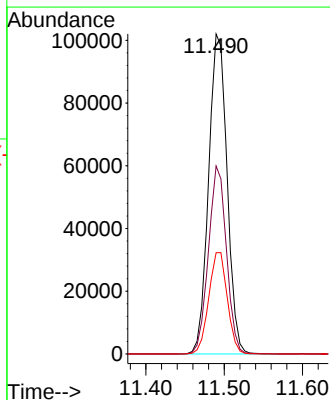
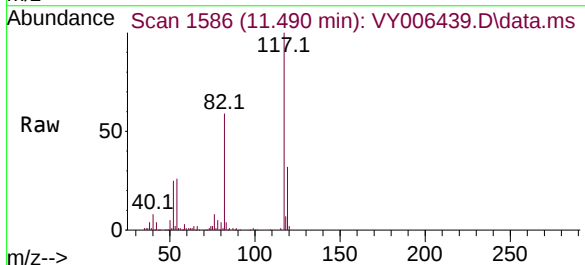
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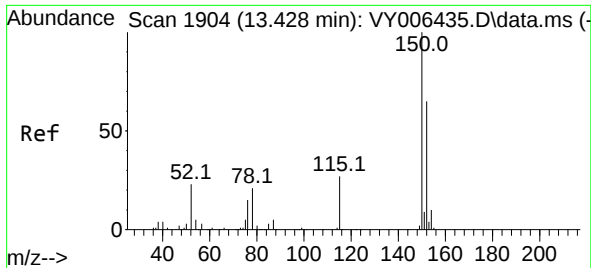
Tgt Ion: 95 Resp: 72145
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 85.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006439.D
Acq: 22 Oct 2021 14:46

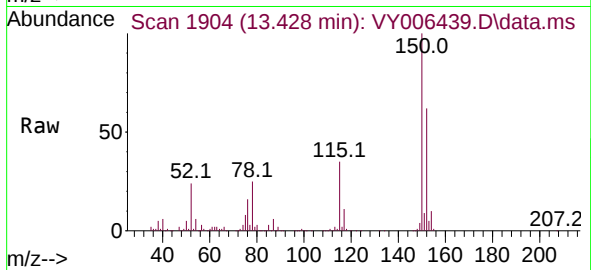
Tgt Ion: 117 Resp: 166956
Ion Ratio Lower Upper
117 100
82 58.8 45.7 68.5
119 31.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006439.D
 Acq: 22 Oct 2021 14:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1022SBL01



Tgt Ion:152 Resp: 75923
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.5 85.5
 150 159.8 0.0 348.2

