

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110421\
 Data File : VY006636.D
 Acq On : 04 Nov 2021 21:47
 Operator : SY/MD
 Sample : M4485-07
 Misc : 6.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 AG-8

Quant Time: Nov 05 14:03:49 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)

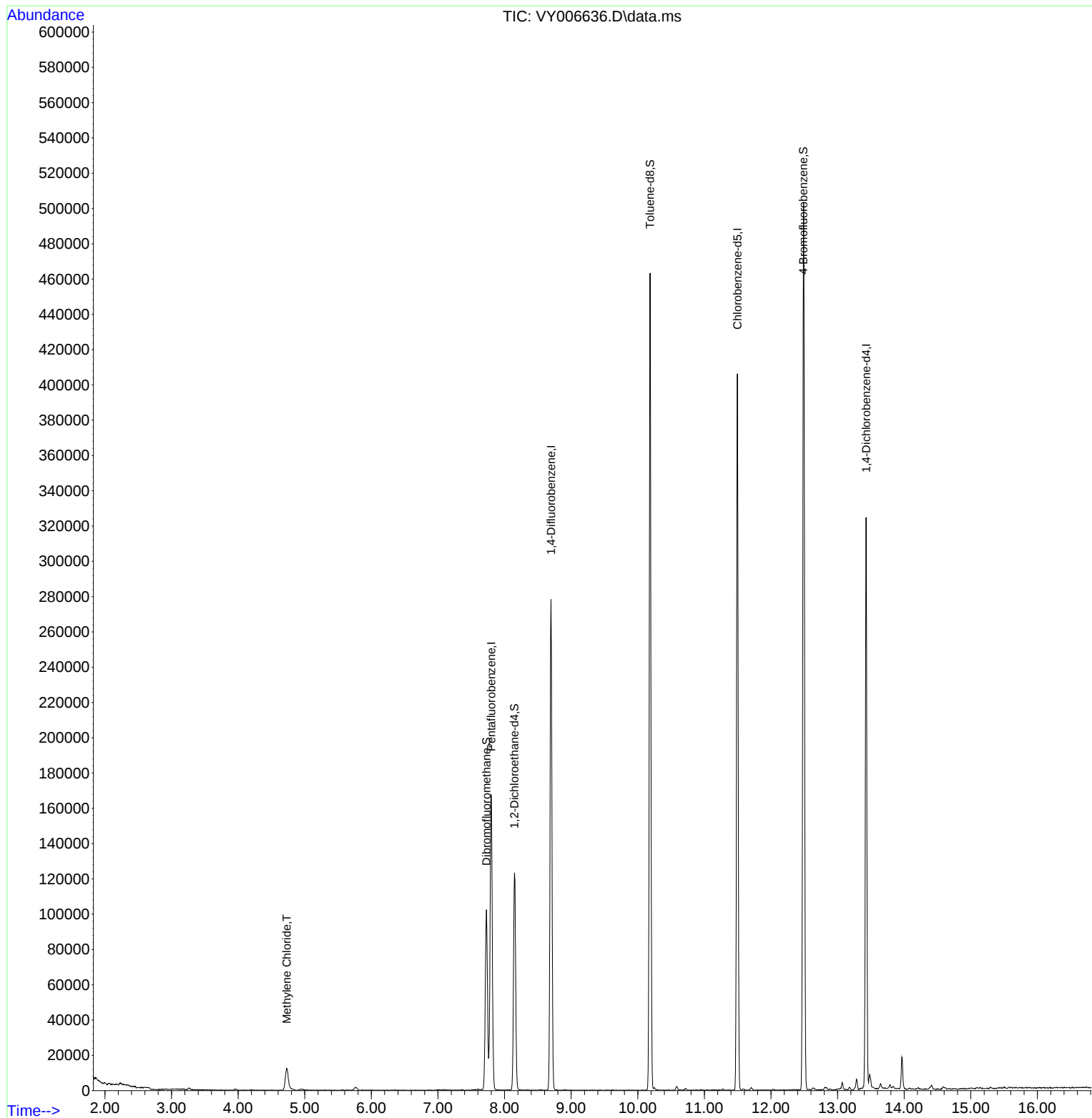
Internal Standards						
1) Pentafluorobenzene	7.801	168	127372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	216517	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	198216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98925	63.114	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.220%
35) Dibromofluoromethane	7.728	113	67129	55.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.260%
50) Toluene-d8	10.185	98	276713	54.090	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.180%
62) 4-Bromofluorobenzene	12.483	95	85368	49.537	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.080%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.729	84	8243	2.018	ug/l	95

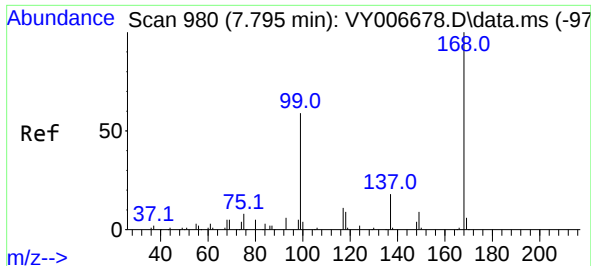
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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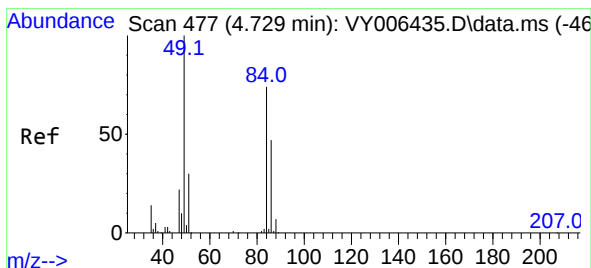
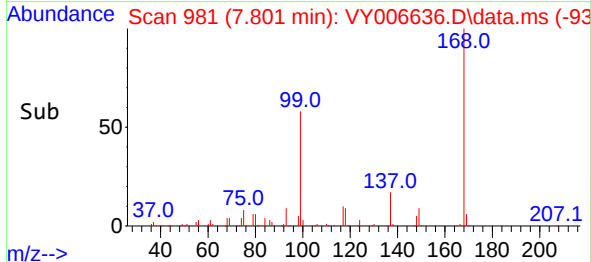
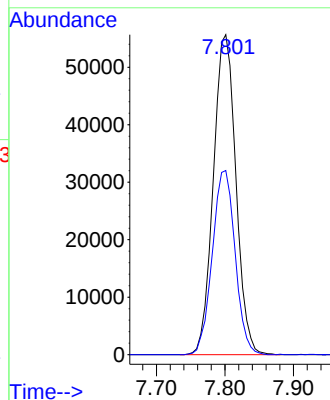
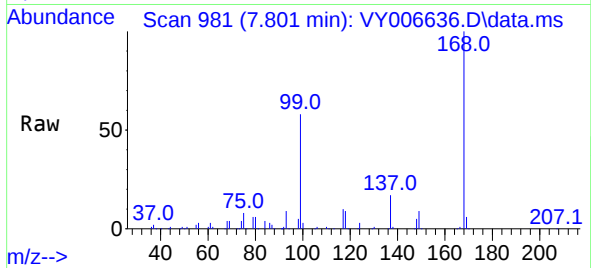




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006636.D
Acq: 04 Nov 2021 21:47

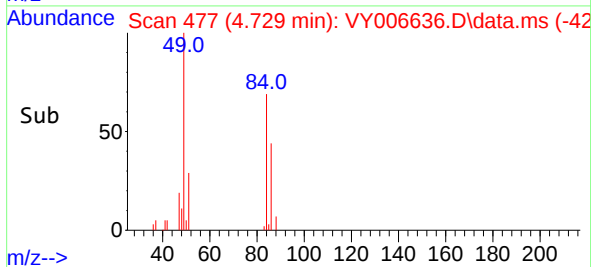
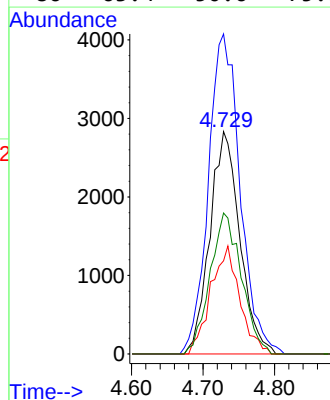
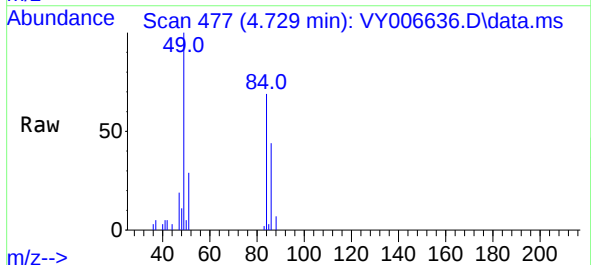
Instrument :
MSVOA_Y
ClientSampleId :
AG-8

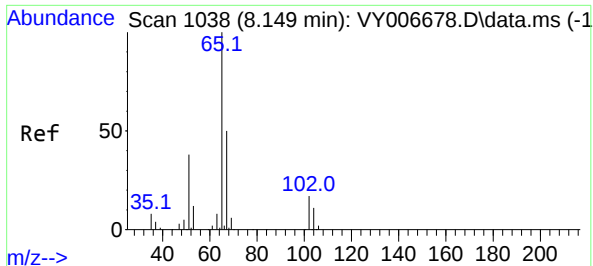
Tgt Ion:168 Resp: 127372
Ion Ratio Lower Upper
168 100
99 57.5 44.8 67.2



#20
Methylene Chloride
Concen: 2.018 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006636.D
Acq: 04 Nov 2021 21:47

Tgt Ion: 84 Resp: 8243
Ion Ratio Lower Upper
84 100
49 143.9 107.8 161.8
51 41.9 32.8 49.2
86 63.4 50.6 75.8

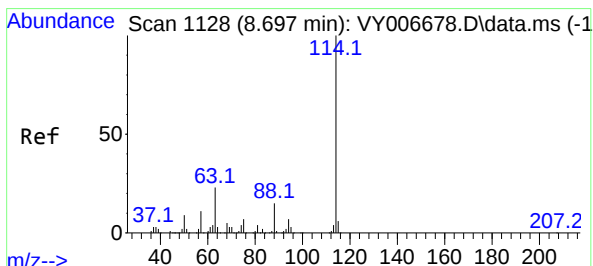
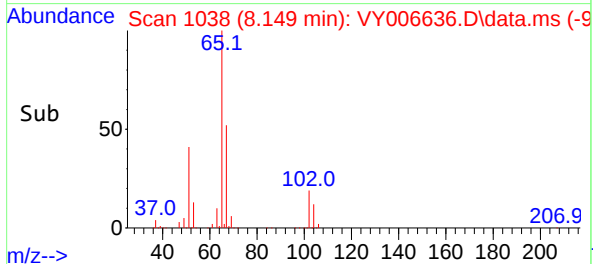
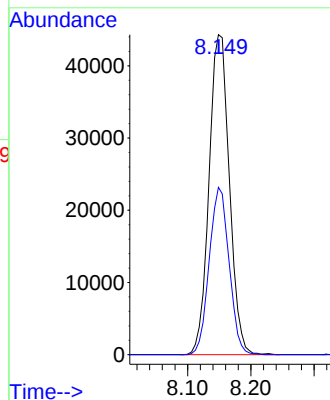
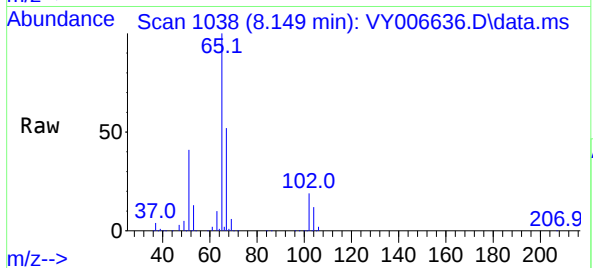




#33
1,2-Dichloroethane-d4
Concen: 63.114 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006636.D
Acq: 04 Nov 2021 21:47

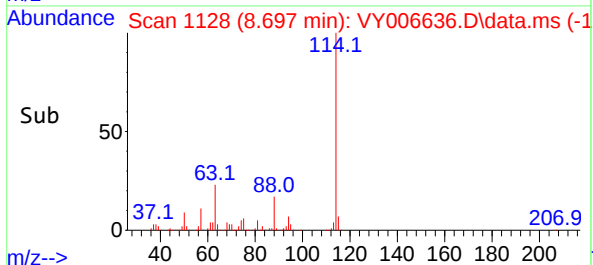
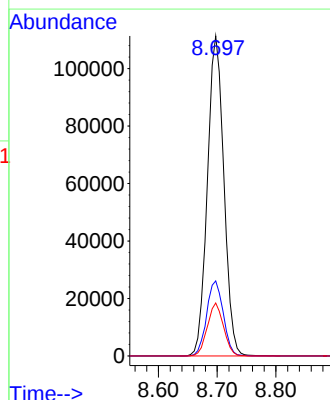
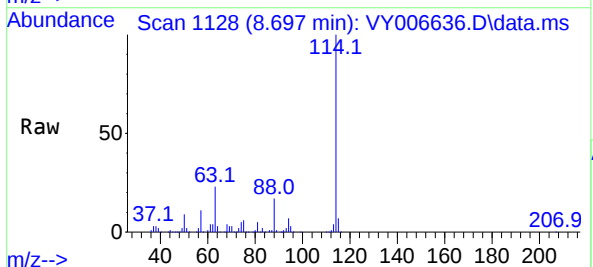
Instrument :
MSVOA_Y
ClientSampleId :
AG-8

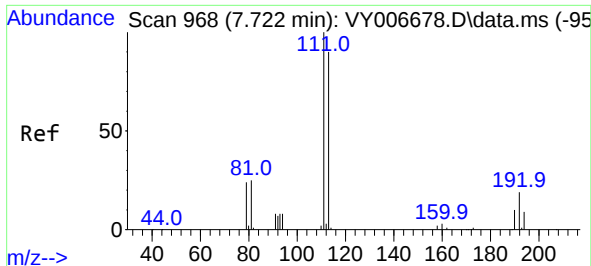
Tgt Ion: 65 Resp: 98925
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006636.D
Acq: 04 Nov 2021 21:47

Tgt Ion: 114 Resp: 216517
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.0
88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.625 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY006636.D

Acq: 04 Nov 2021 21:47

Instrument :

MSVOA_Y

ClientSampleId :

AG-8

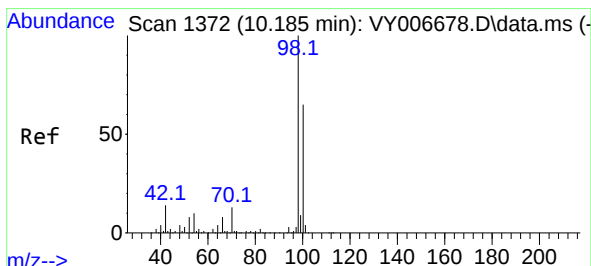
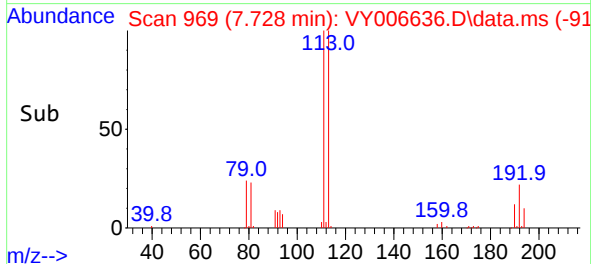
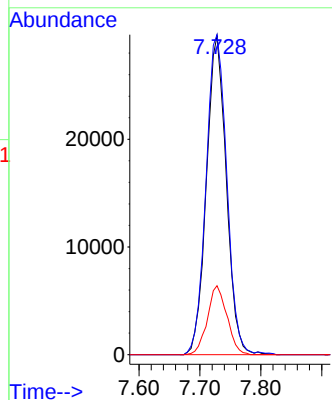
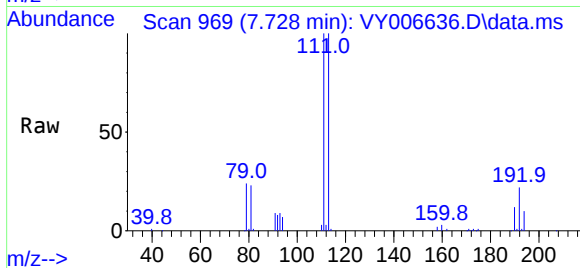
Tgt Ion:113 Resp: 67129

Ion Ratio Lower Upper

113 100

111 104.9 82.3 123.5

192 21.3 17.4 26.2



#50

Toluene-d8

Concen: 54.090 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY006636.D

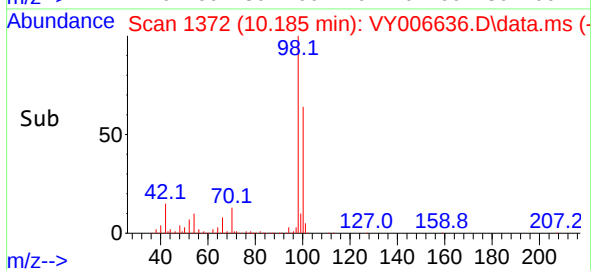
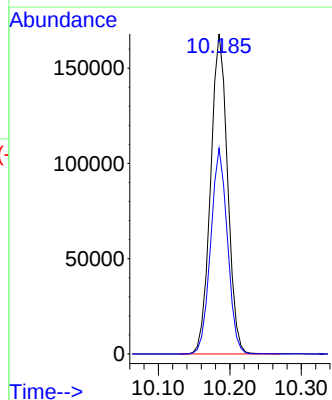
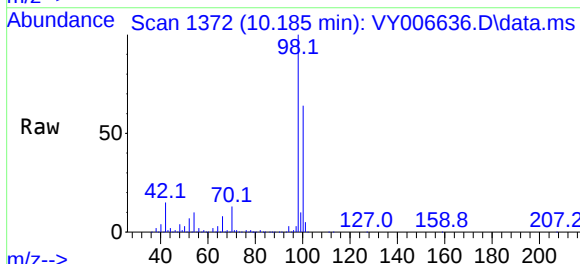
Acq: 04 Nov 2021 21:47

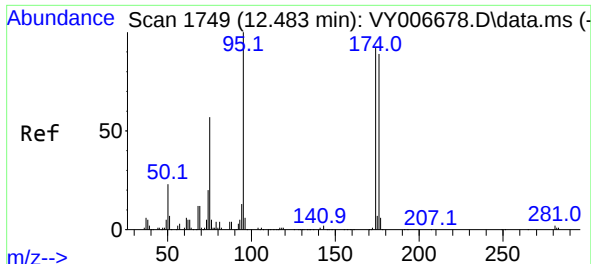
Tgt Ion: 98 Resp: 276713

Ion Ratio Lower Upper

98 100

100 63.3 50.9 76.3

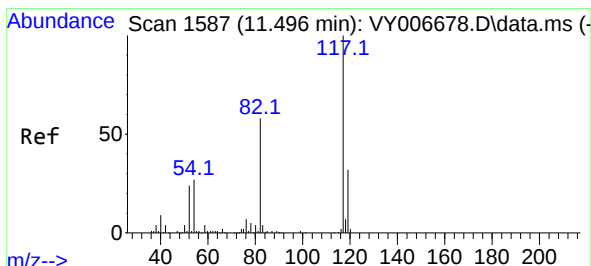
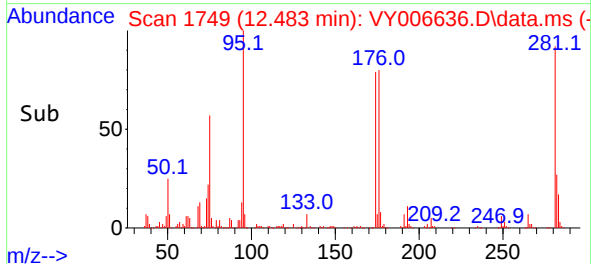
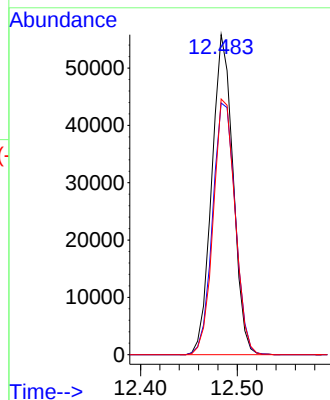
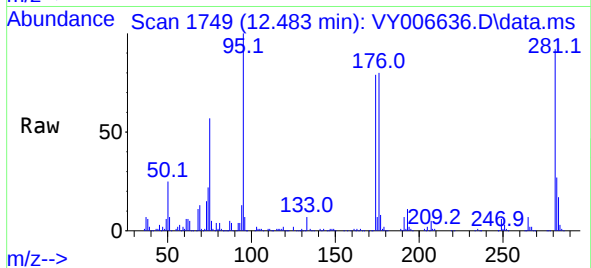




#62
4-Bromofluorobenzene
Concen: 49.537 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006636.D
Acq: 04 Nov 2021 21:47

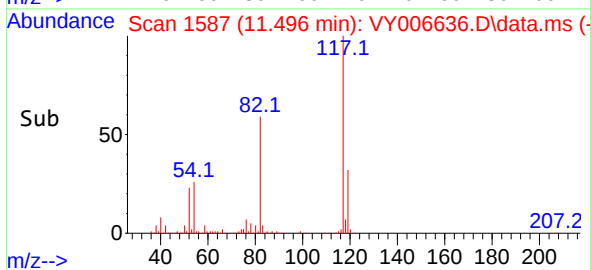
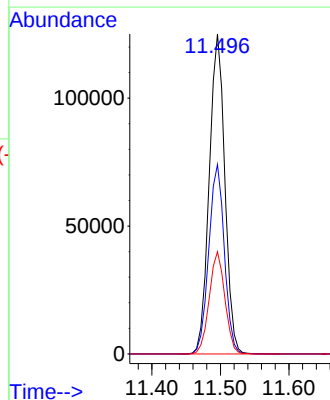
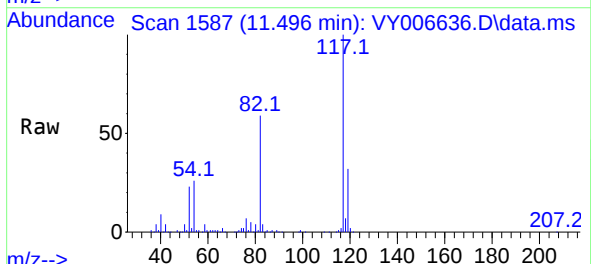
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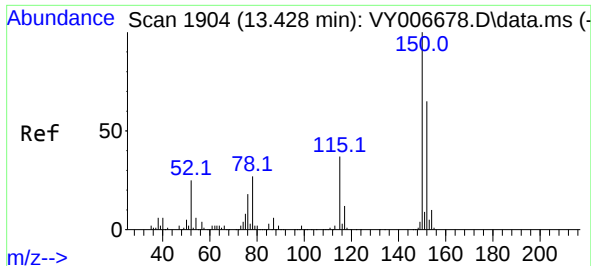
Tgt Ion: 95 Resp: 85368
Ion Ratio Lower Upper
95 100
174 83.5 0.0 177.0
176 81.6 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006636.D
Acq: 04 Nov 2021 21:47

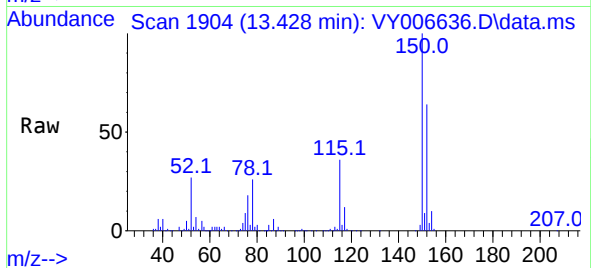
Tgt Ion: 117 Resp: 198216
Ion Ratio Lower Upper
117 100
82 59.2 45.7 68.5
119 32.0 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006636.D
Acq: 04 Nov 2021 21:47

Instrument :
MSVOA_Y
ClientSampleId :
AG-8



Tgt Ion:152 Resp: 75214
Ion Ratio Lower Upper
152 100
115 58.0 28.5 85.5
150 157.7 0.0 348.2

