

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
 Data File : VY008719.D
 Acq On : 11 May 2022 19:57
 Operator : KP/MD
 Sample : N2781-09
 Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P003-SS007-0006-01

Quant Time: May 12 06:32:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	187583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	306438	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	282645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131719	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90337	56.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.400%
35) Dibromofluoromethane	7.716	113	97201	51.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.940%
50) Toluene-d8	10.179	98	355007	53.347	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.483	95	115276	48.149	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.300%

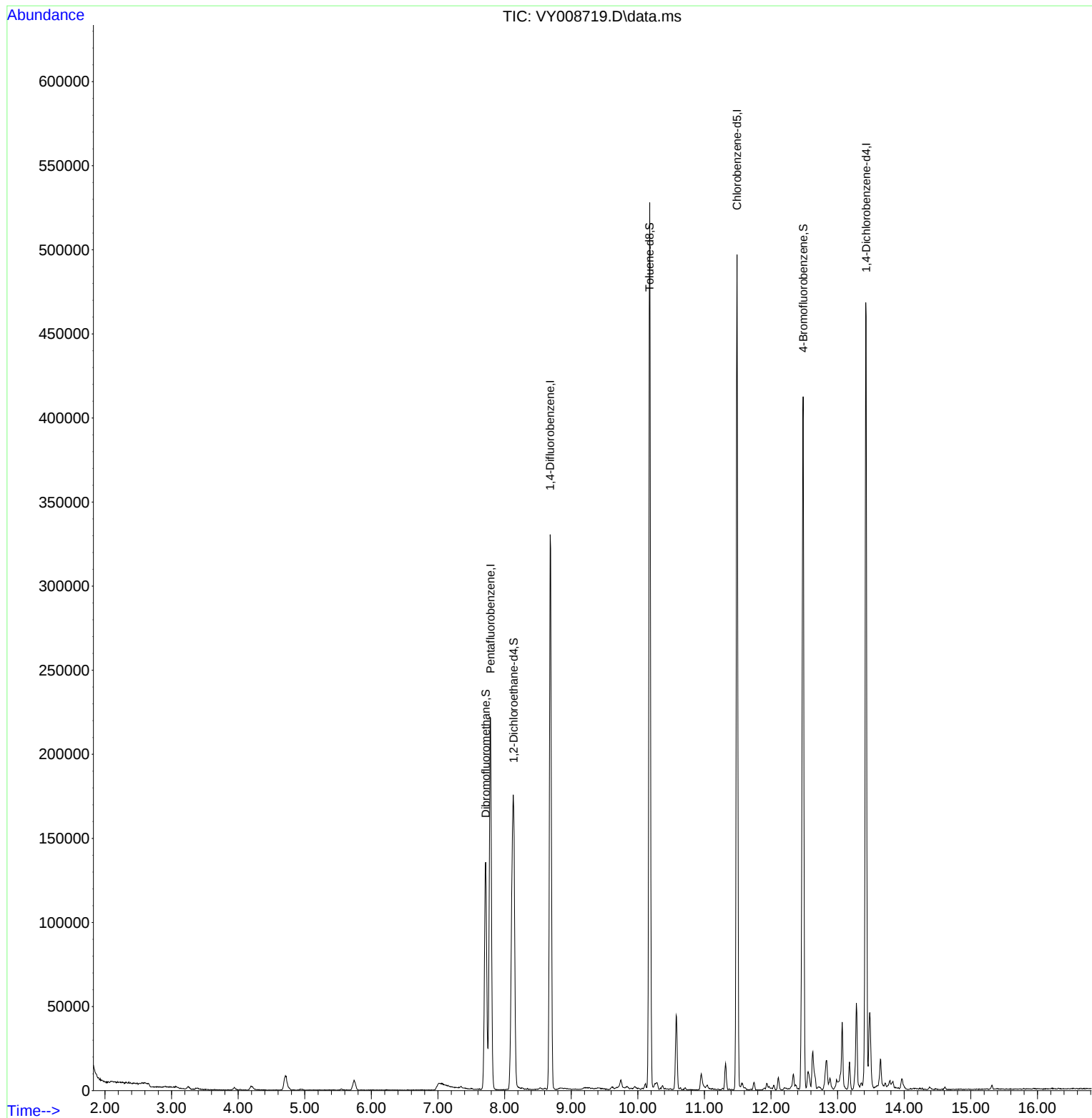
Target Compounds	Qvalue

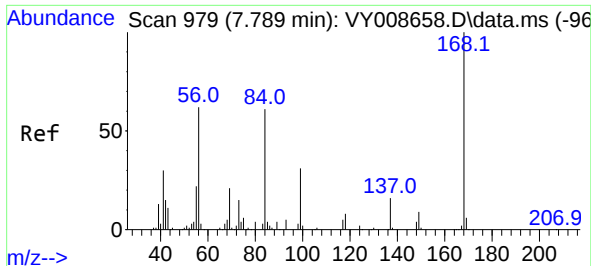
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051122\
Data File : VY008719.D
Acq On : 11 May 2022 19:57
Operator : KP/MD
Sample : N2781-09
Misc : 5.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS007-0006-01

Quant Time: May 12 06:32:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
Quant Title : SW846 8260
QLast Update : Mon May 09 19:21:20 2022
Response via : Initial Calibration

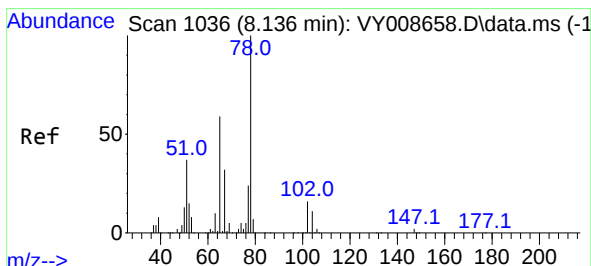
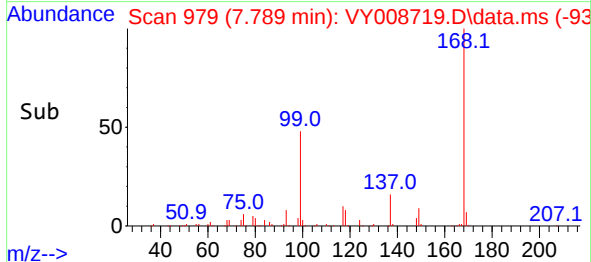
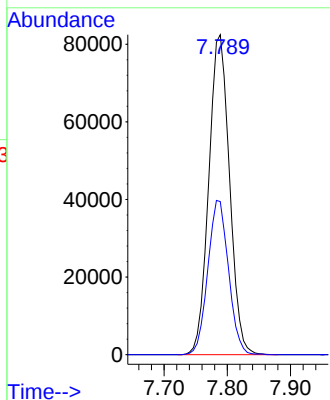
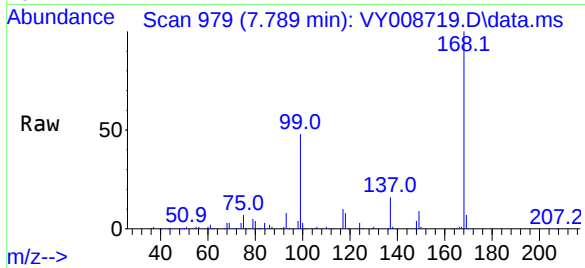




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

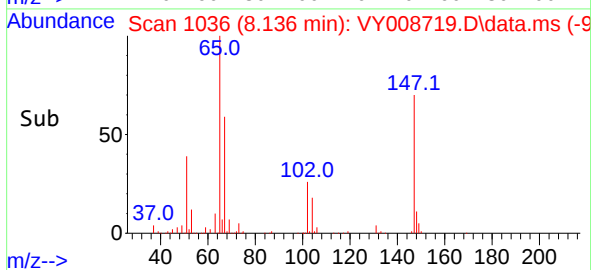
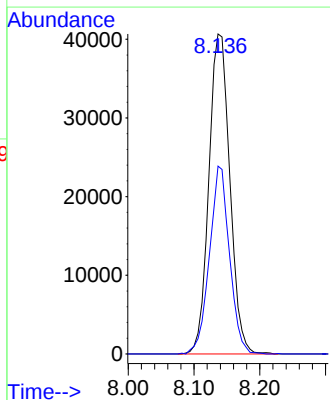
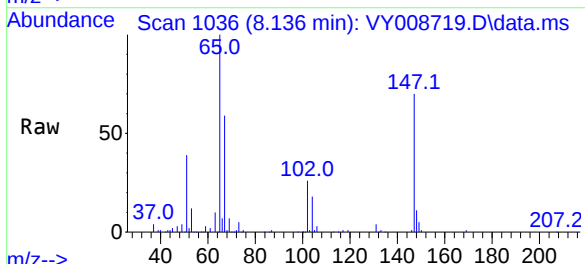
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS007-0006-01

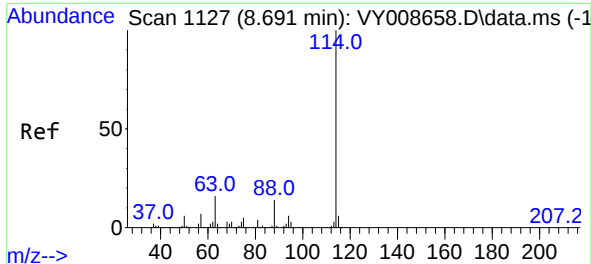
Tgt Ion:168 Resp: 187583
Ion Ratio Lower Upper
168 100
99 47.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.204 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

Tgt Ion: 65 Resp: 90337
Ion Ratio Lower Upper
65 100
67 56.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008719.D

Acq: 11 May 2022 19:57

Instrument :

MSVOA_Y

ClientSampleId :

P003-SS007-0006-01

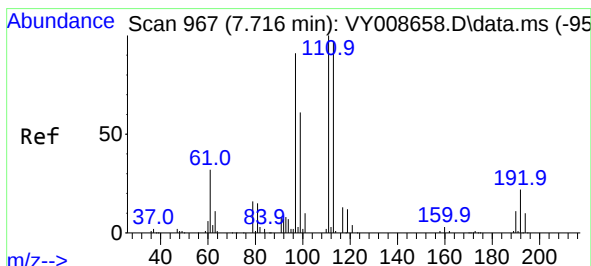
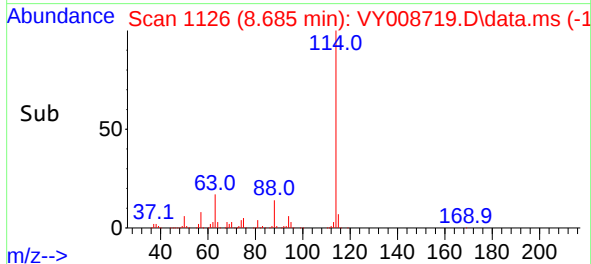
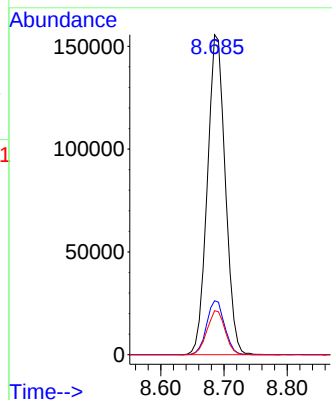
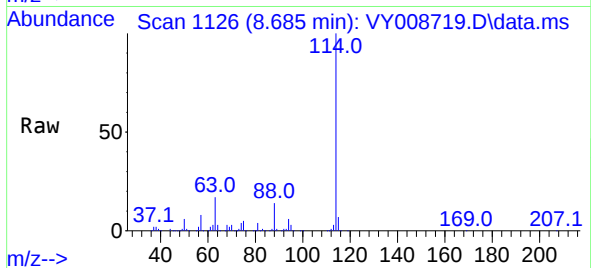
Tgt Ion:114 Resp: 306438

Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.473 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008719.D

Acq: 11 May 2022 19:57

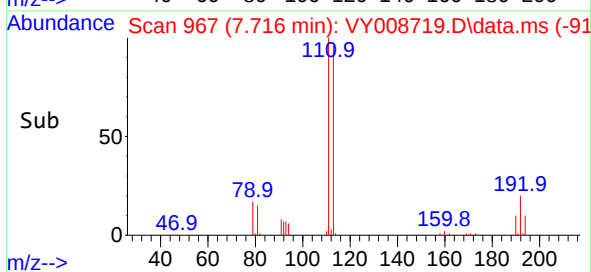
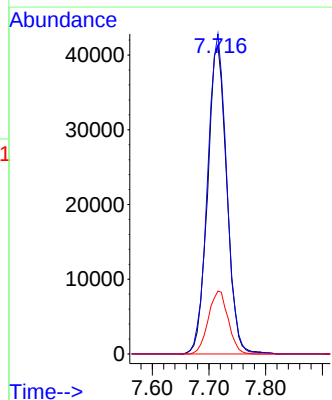
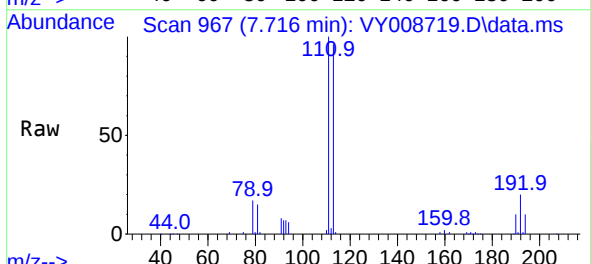
Tgt Ion:113 Resp: 97201

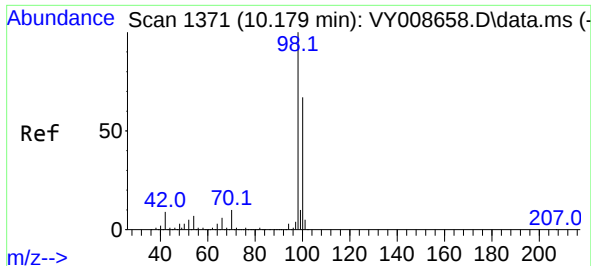
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 20.9 17.6 26.4

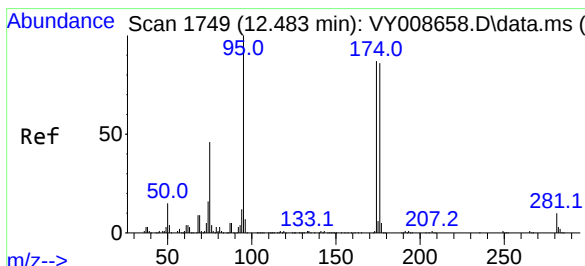
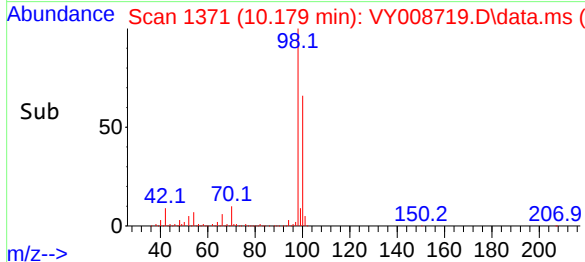
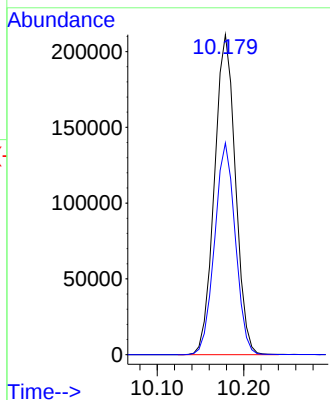
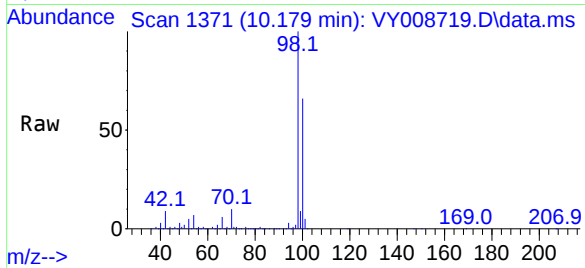




#50
Toluene-d8
Concen: 53.347 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

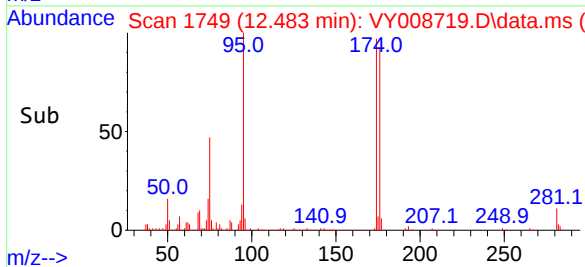
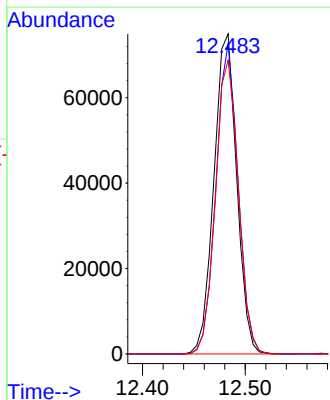
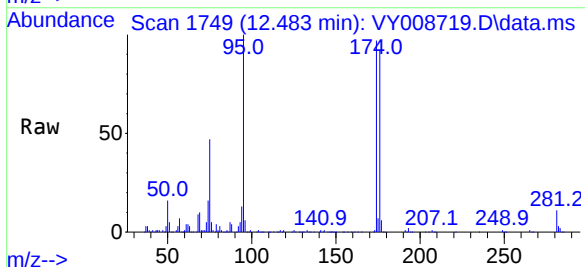
Instrument :
MSVOA_Y
ClientSampleId :
P003-SS007-0006-01

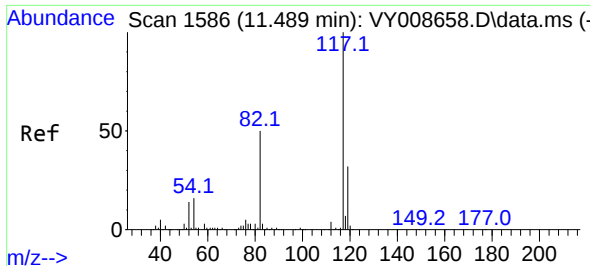
Tgt Ion: 98 Resp: 355007
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.149 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

Tgt Ion: 95 Resp: 115276
Ion Ratio Lower Upper
95 100
174 94.1 0.0 177.0
176 92.3 0.0 175.8

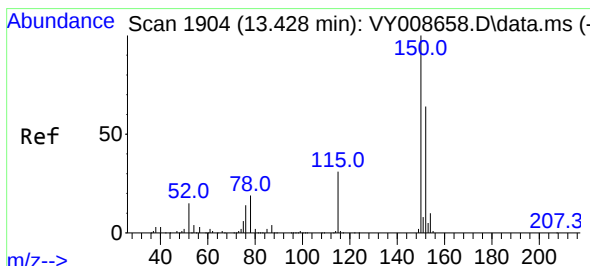
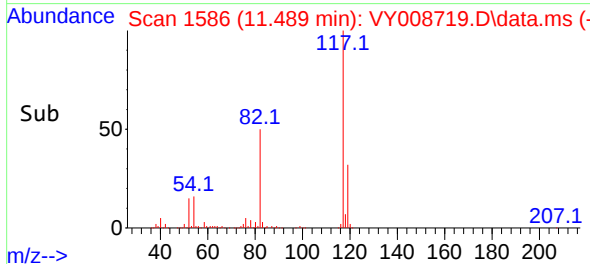
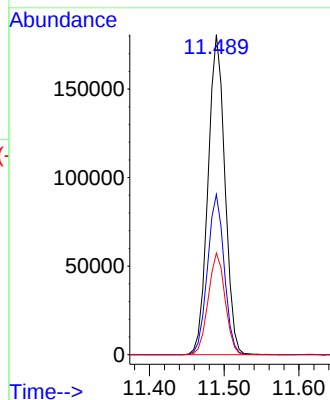
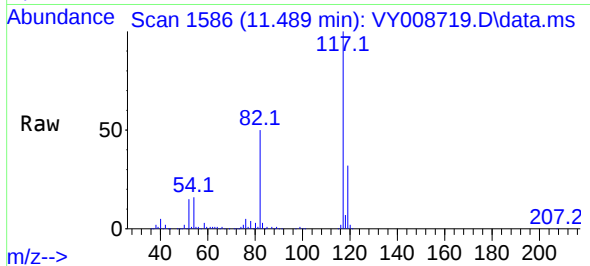




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

Instrument :
MSVOA_Y
ClientSampleId :
P003-SS007-0006-01

Tgt Ion:117 Resp: 282645
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008719.D
Acq: 11 May 2022 19:57

Tgt Ion:152 Resp: 131719
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 155.9 0.0 347.6

