

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008179.D
 Acq On : 04 Apr 2022 14:42
 Operator : SY/MD
 Sample : N2220-03
 Misc : 6.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A11015

Quant Time: Apr 05 04:41:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	210051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73758	54.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.340%
35) Dibromofluoromethane	7.716	113	74115	49.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.185	98	287467	51.123	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.240%
62) 4-Bromofluorobenzene	12.483	95	86952	43.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.660%

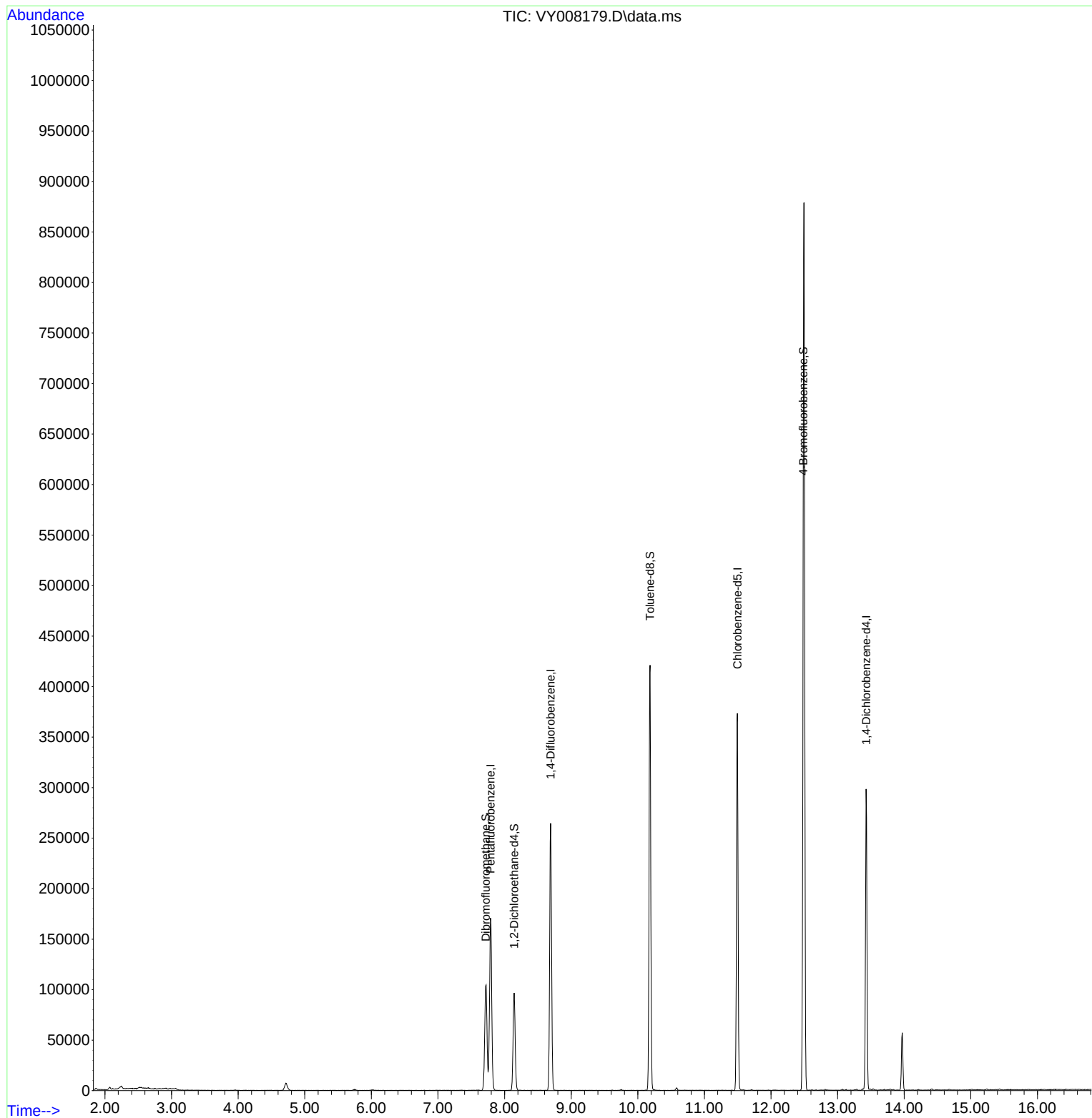
Target Compounds	Qvalue

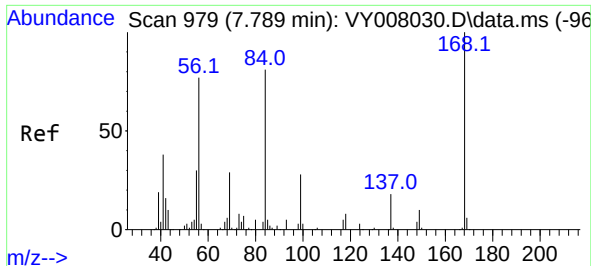
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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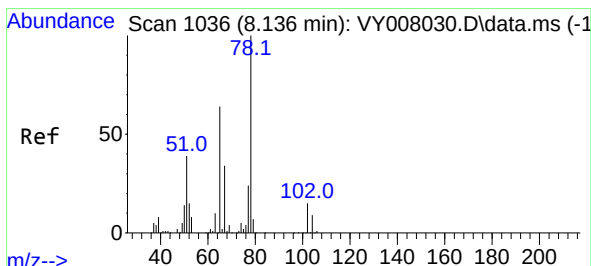
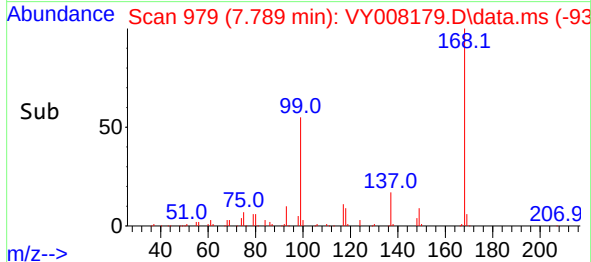
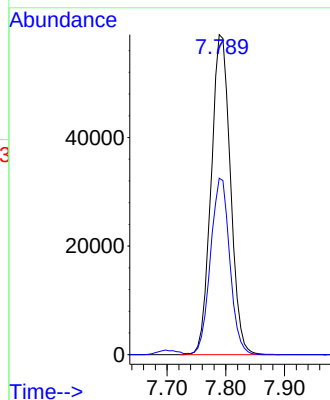
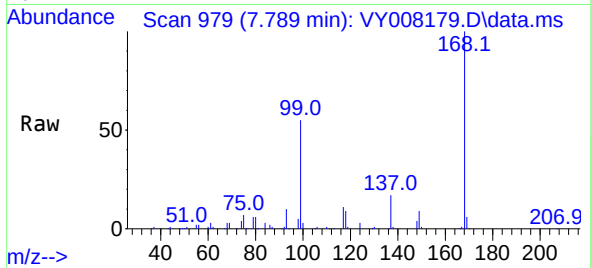




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

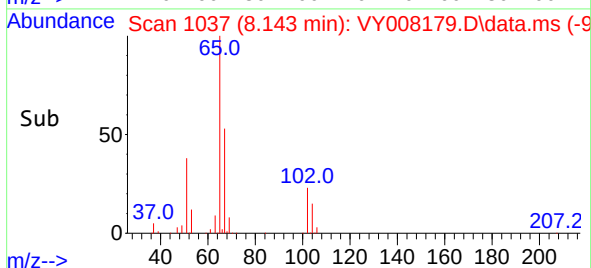
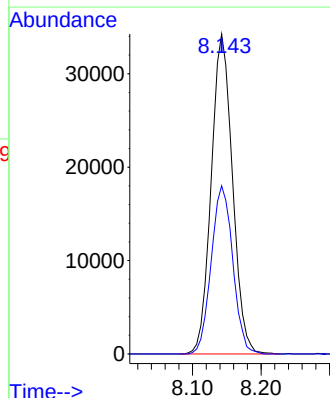
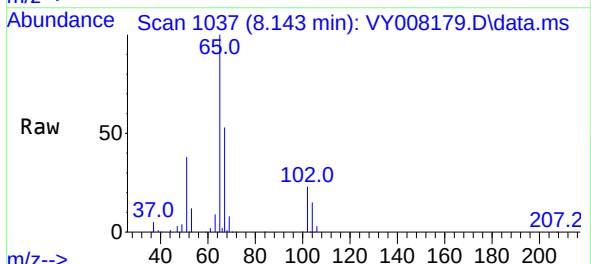
Instrument :
MSVOA_Y
ClientSampleId :
A11015

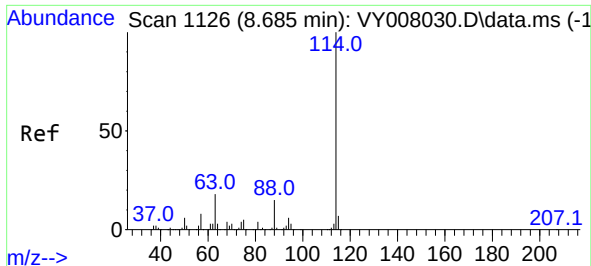
Tgt Ion:168 Resp: 134476
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.668 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

Tgt Ion: 65 Resp: 73758
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008179.D

Acq: 04 Apr 2022 14:42

Instrument :

MSVOA_Y

ClientSampleId :

A11015

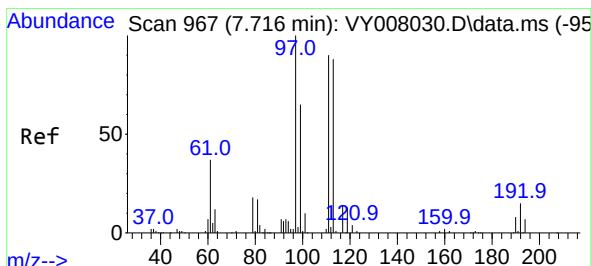
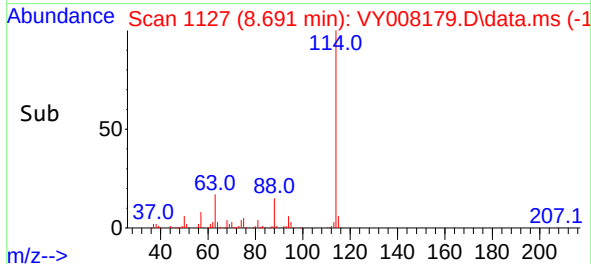
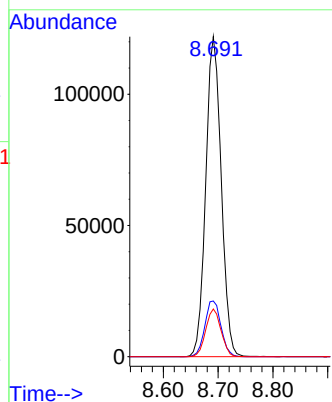
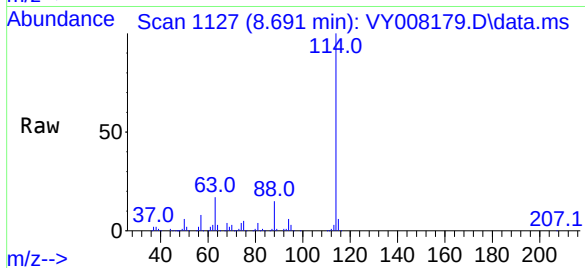
Tgt Ion:114 Resp: 238049

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.658 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008179.D

Acq: 04 Apr 2022 14:42

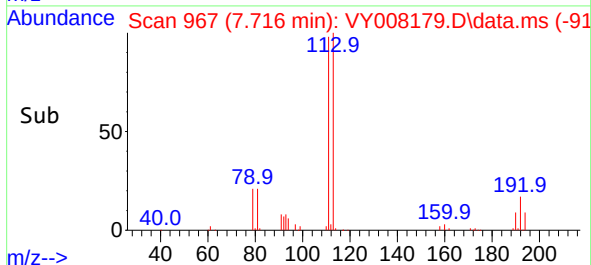
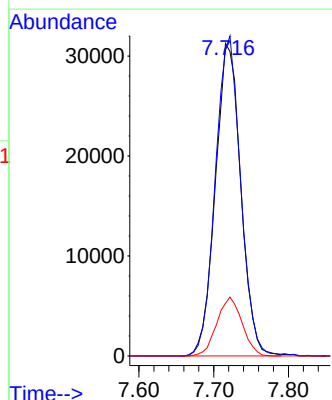
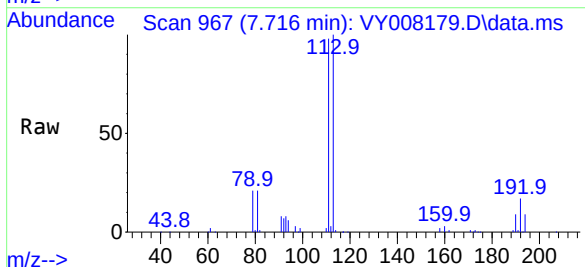
Tgt Ion:113 Resp: 74115

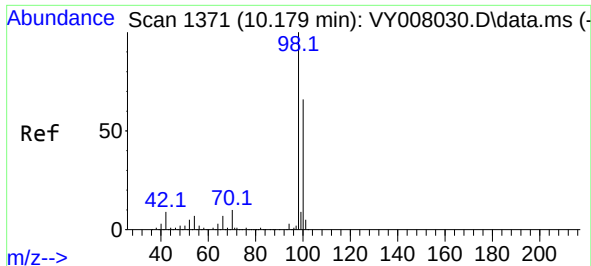
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 18.6 17.6 26.4

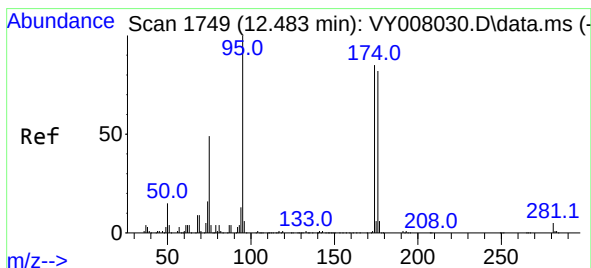
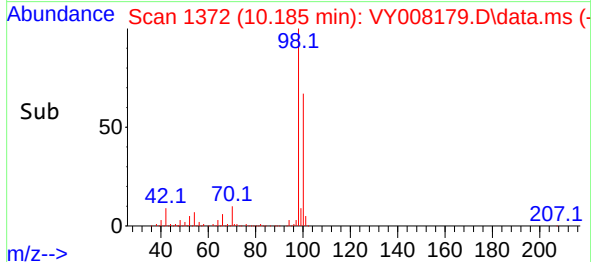
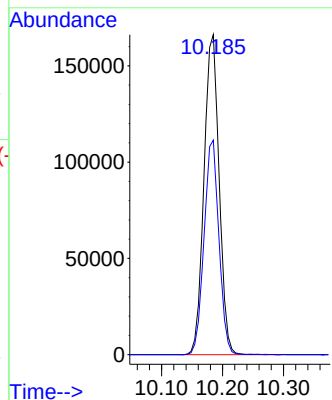
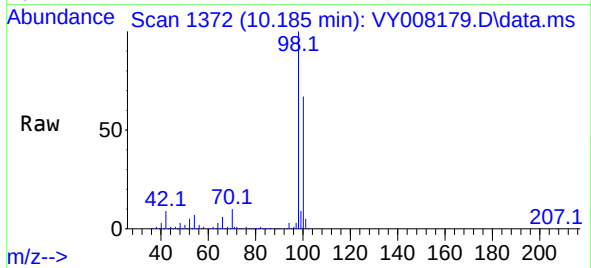




#50
Toluene-d8
Concen: 51.123 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

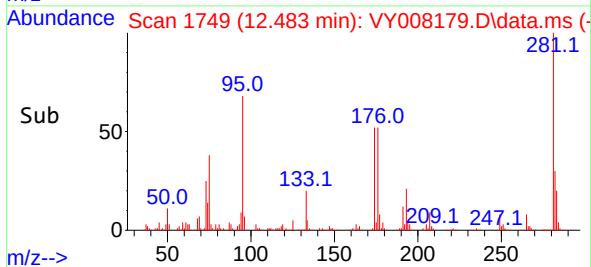
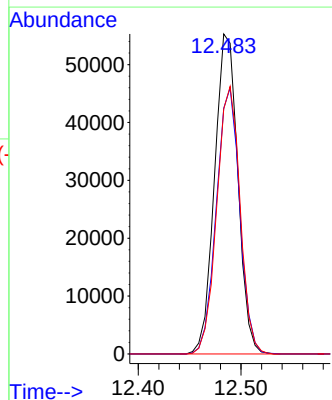
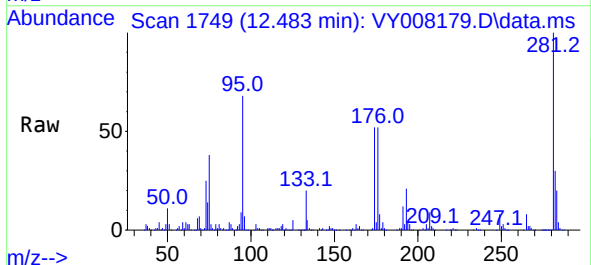
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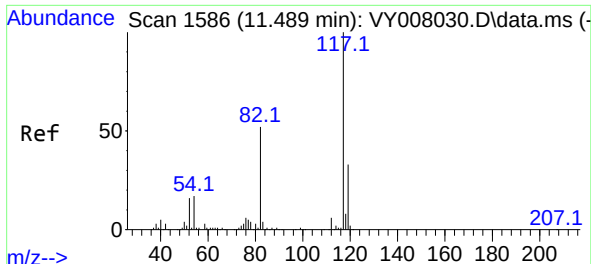
Tgt Ion: 98 Resp: 287467
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

Tgt Ion: 95 Resp: 86952
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 83.4 0.0 175.8

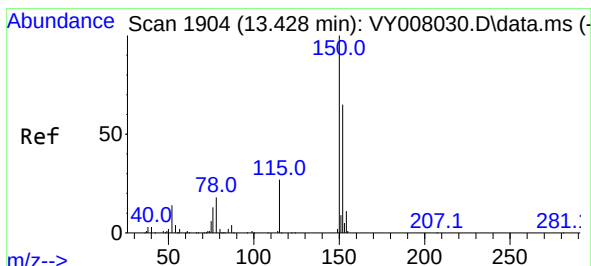
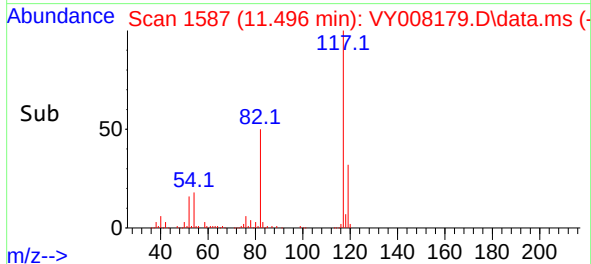
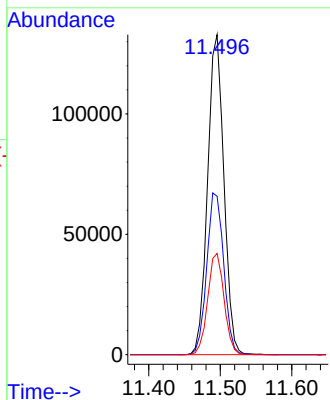
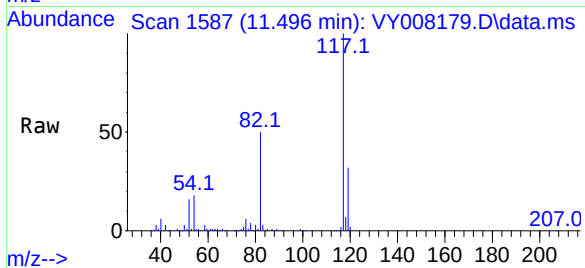




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

Instrument :
MSVOA_Y
ClientSampleId :
A11015

Tgt Ion:117 Resp: 210051
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 31.7 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: VY008179.D
Acq: 04 Apr 2022 14:42

Tgt Ion:152 Resp: 75543
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 156.1 0.0 347.6

