

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008497.D
 Acq On : 26 Apr 2022 12:33
 Operator : KP/MD
 Sample : N2478-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 279

Quant Time: Apr 26 16:28:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	78236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61725	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44047	47.849	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.700%
35) Dibromofluoromethane	7.716	113	45157	48.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.720%
50) Toluene-d8	10.179	98	174627	47.529	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.483	95	56961	45.774	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.540%

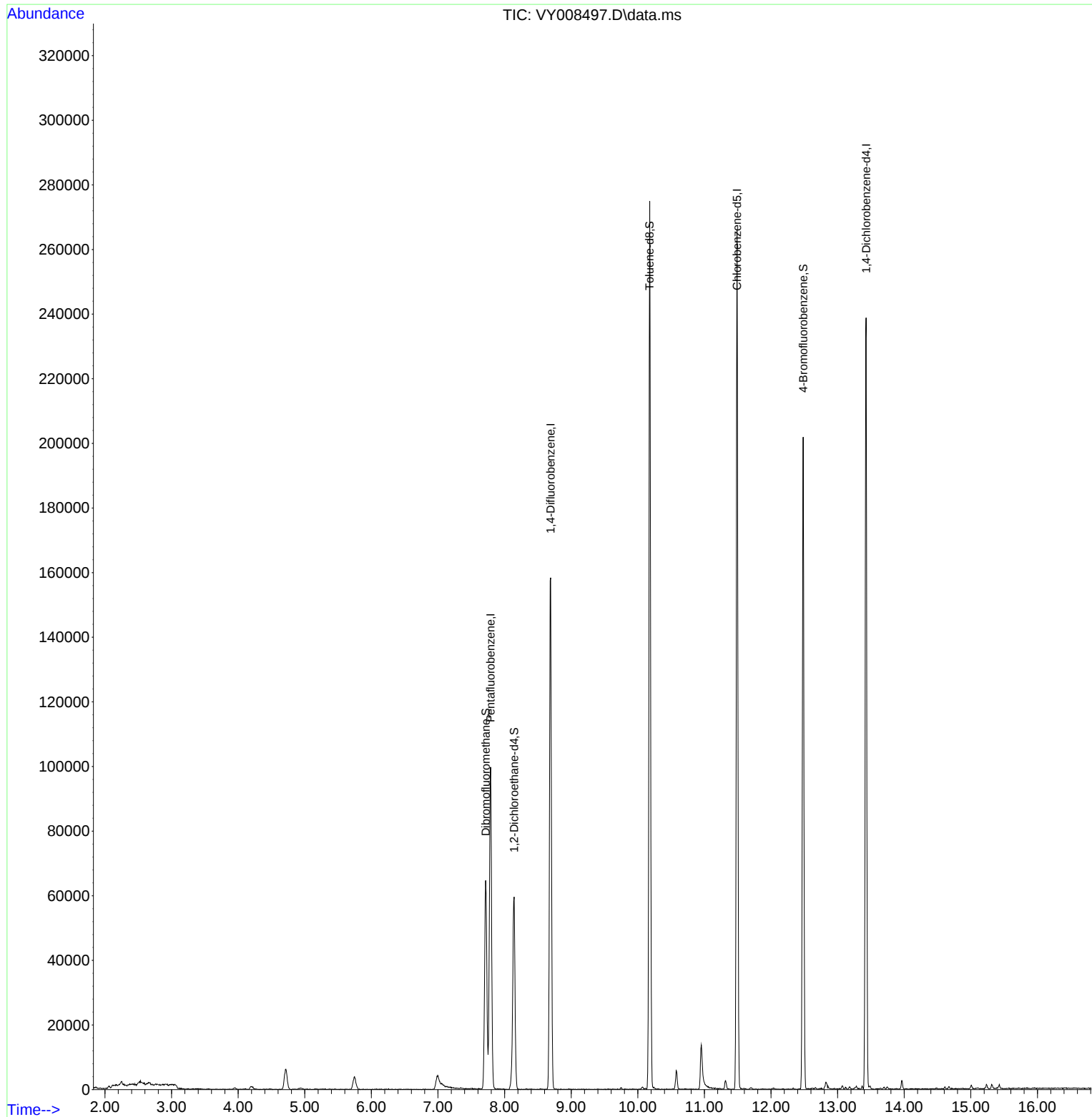
Target Compounds	Qvalue

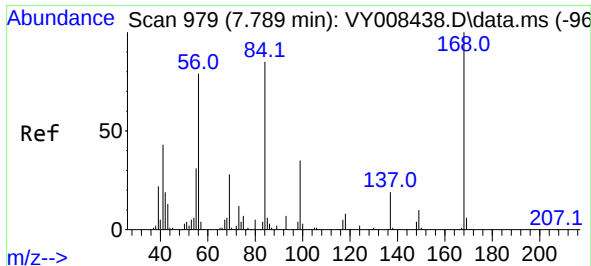
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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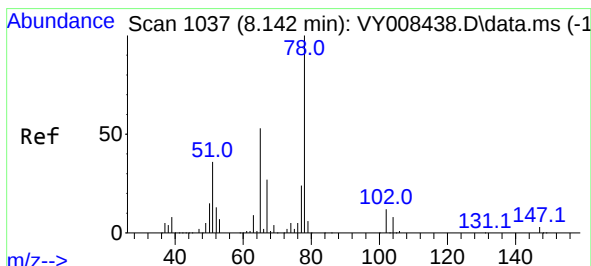
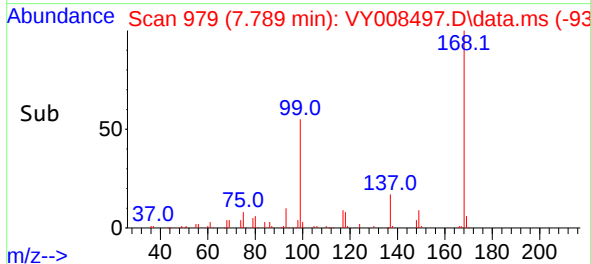
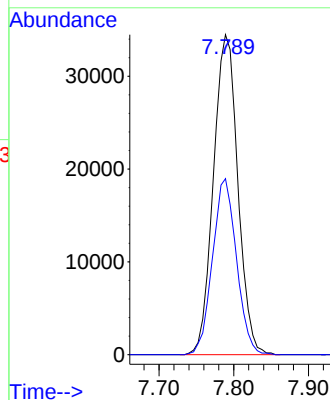
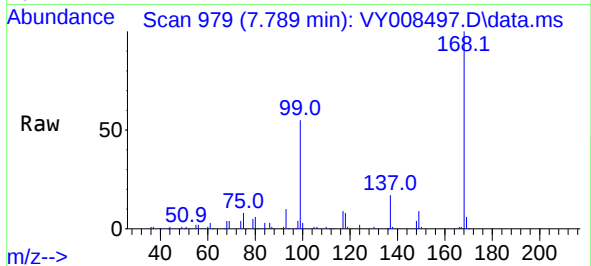




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008497.D
Acq: 26 Apr 2022 12:33

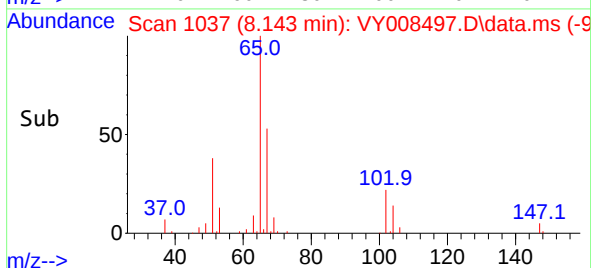
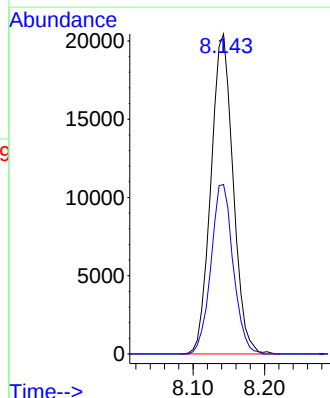
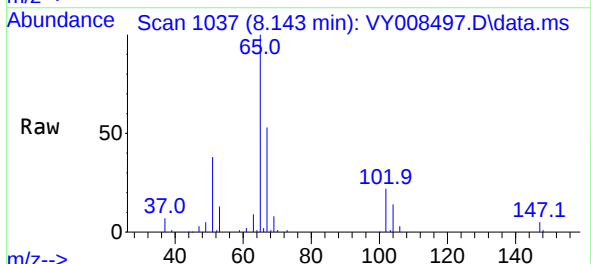
Instrument :
MSVOA_Y
ClientSampleId :
279

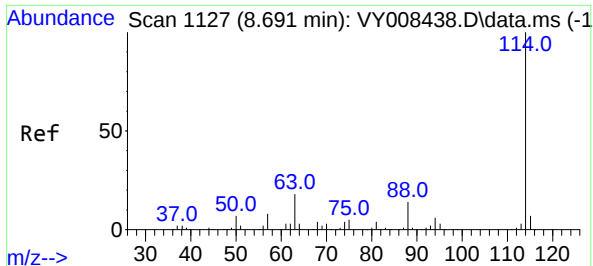
Tgt Ion:168 Resp: 78236
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 47.849 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008497.D
Acq: 26 Apr 2022 12:33

Tgt Ion: 65 Resp: 44047
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008497.D

Acq: 26 Apr 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

279

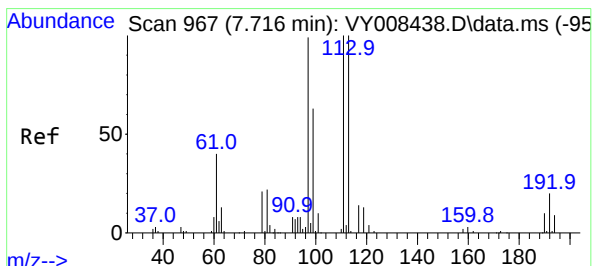
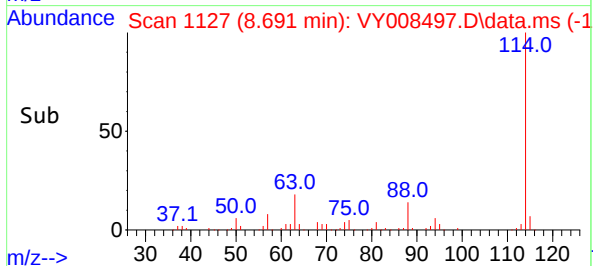
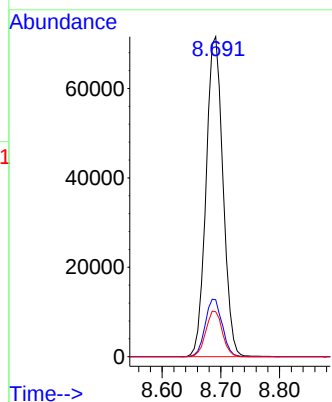
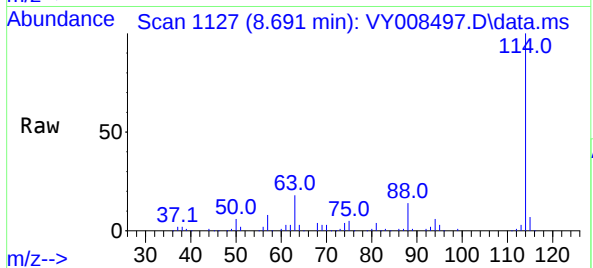
Tgt Ion:114 Resp: 143192

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.864 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008497.D

Acq: 26 Apr 2022 12:33

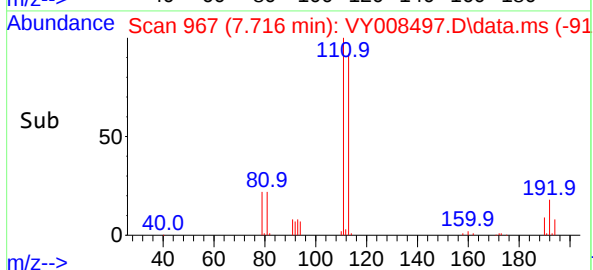
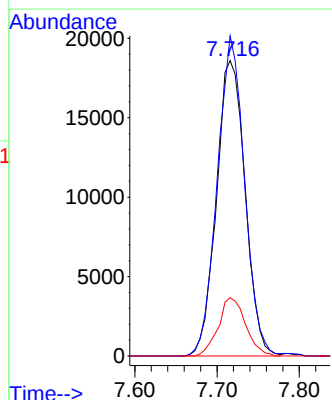
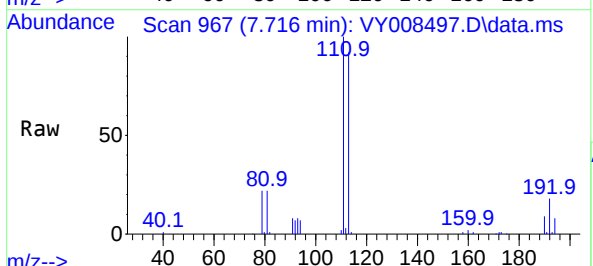
Tgt Ion:113 Resp: 45157

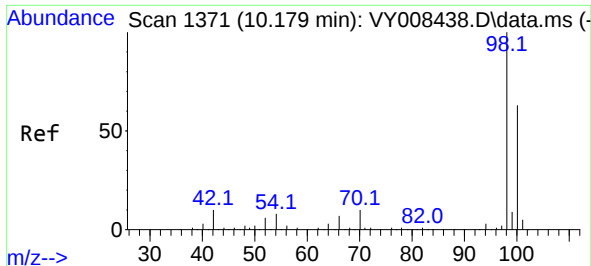
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 18.7 17.6 26.4

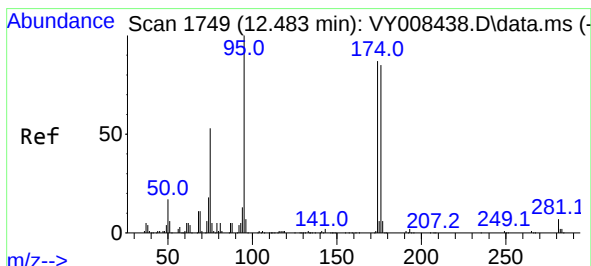
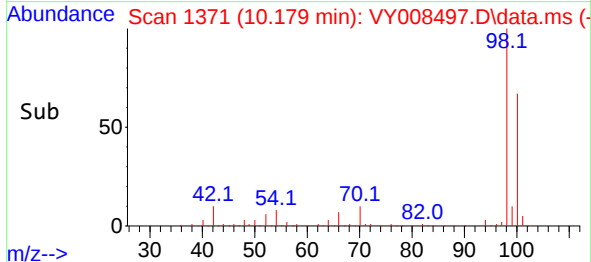
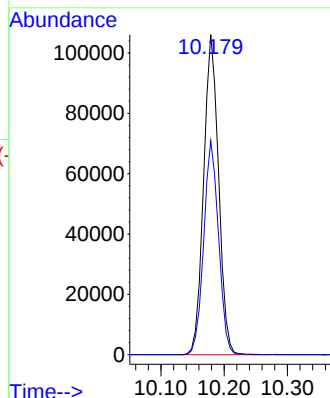
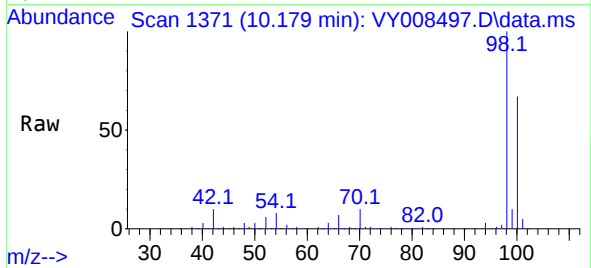




#50
Toluene-d8
Concen: 47.529 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008497.D
Acq: 26 Apr 2022 12:33

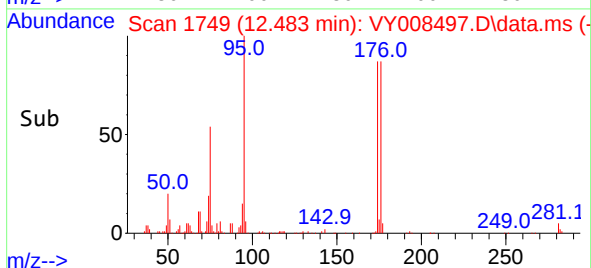
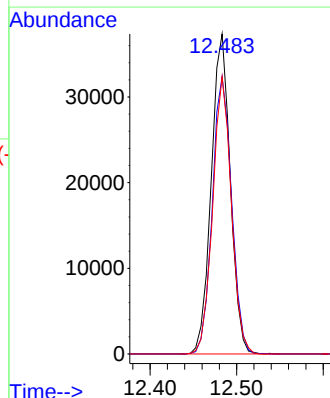
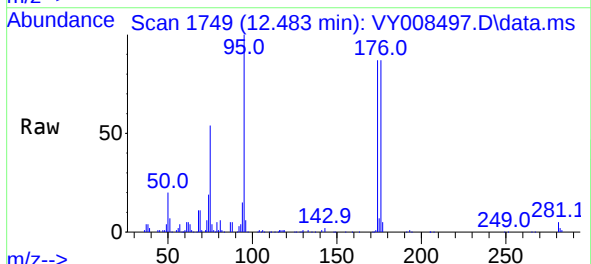
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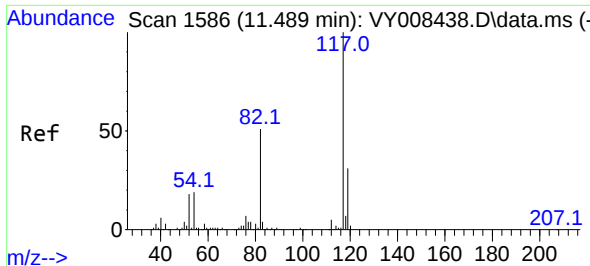
Tgt Ion: 98 Resp: 174627
Ion Ratio Lower Upper
98 100
100 66.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.774 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008497.D
Acq: 26 Apr 2022 12:33

Tgt Ion: 95 Resp: 56961
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 85.0 0.0 175.8

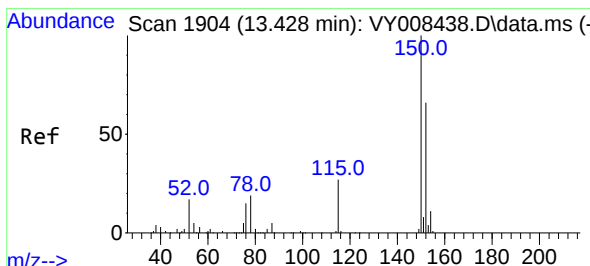
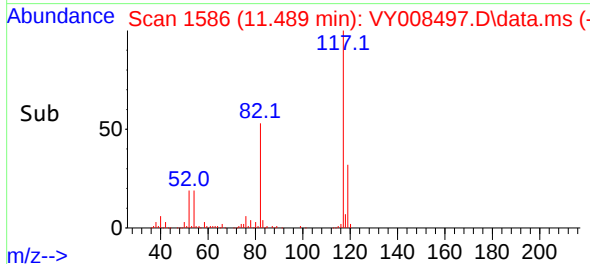
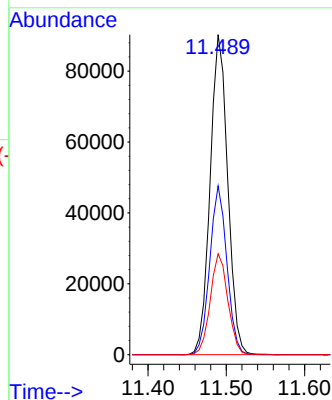
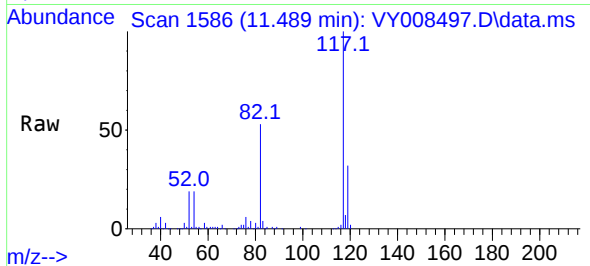




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008497.D
Acq: 26 Apr 2022 12:33

Instrument :
MSVOA_Y
ClientSampleId :
279

Tgt Ion:117 Resp: 140803
Ion Ratio Lower Upper
117 100
82 52.8 43.0 64.4
119 31.5 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: VY008497.D
Acq: 26 Apr 2022 12:33

Tgt Ion:152 Resp: 61725
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 156.6 0.0 347.6

