

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008629.D
 Acq On : 04 May 2022 22:57
 Operator : KP/MD
 Sample : VY0504SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBL02

Quant Time: May 05 04:40:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	133767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116038	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63027	48.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.960%
35) Dibromofluoromethane	7.722	113	72554	47.455	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.920%
50) Toluene-d8	10.179	98	277583	51.247	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.483	95	98799	49.765	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.540%

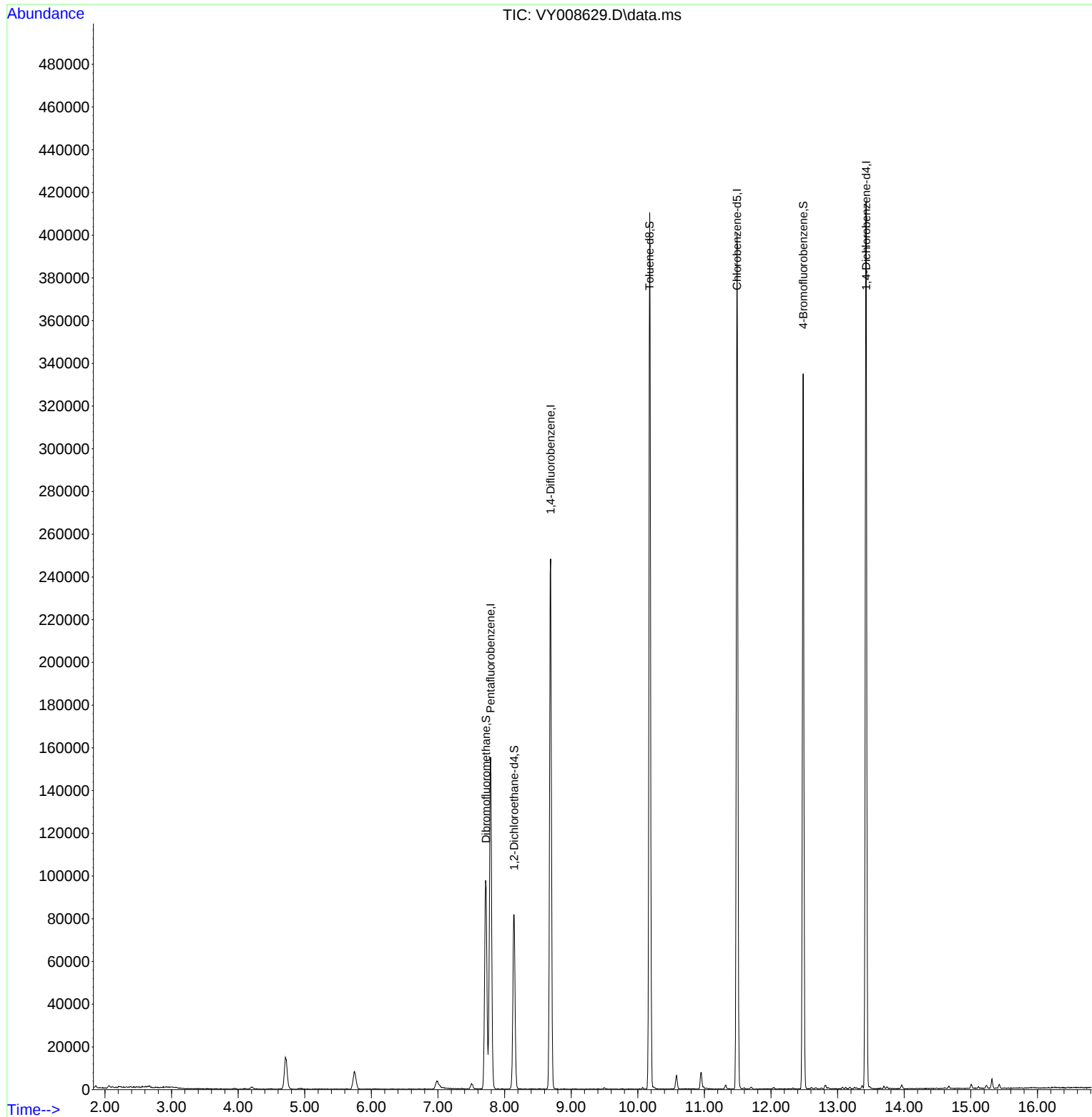
Target Compounds	Qvalue

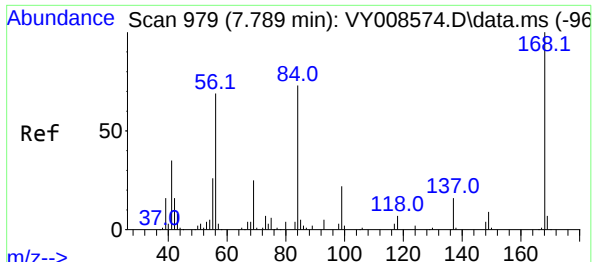
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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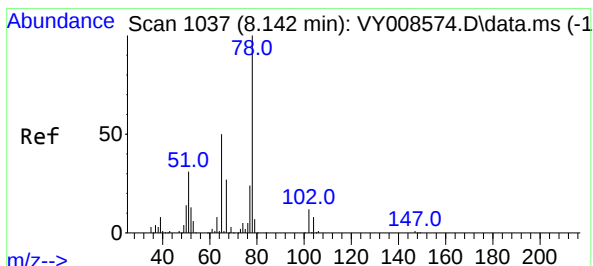
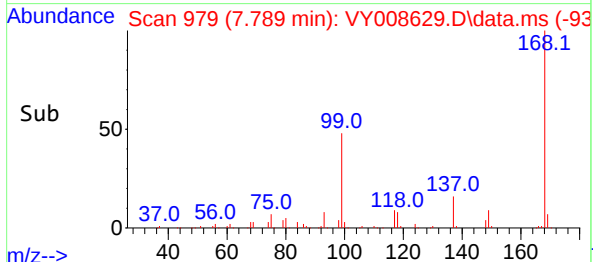
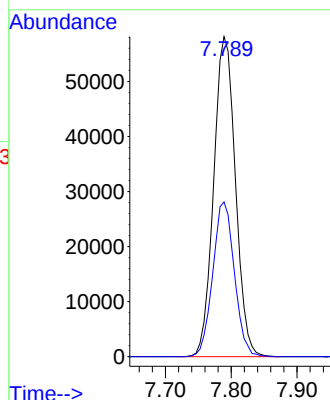
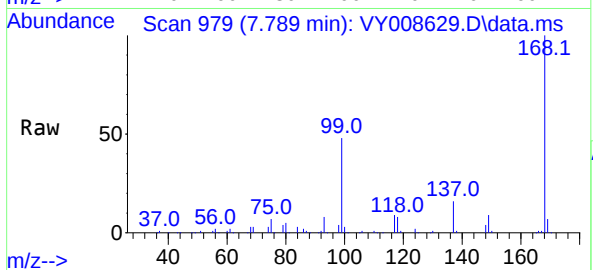




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

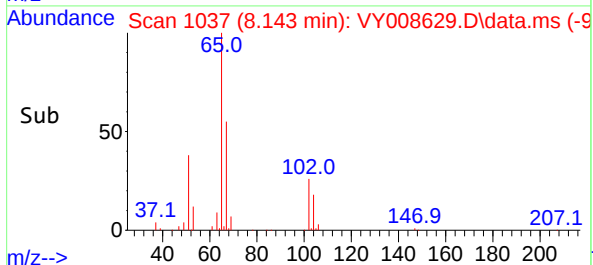
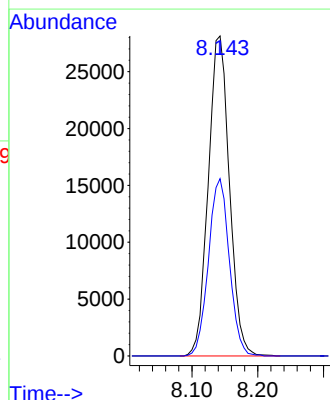
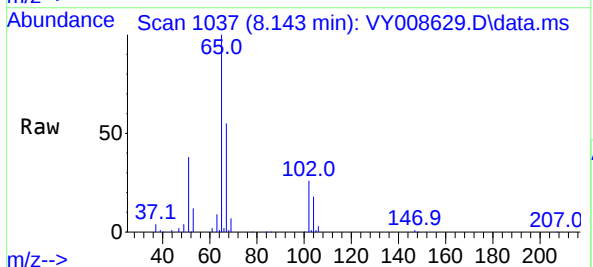
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL02

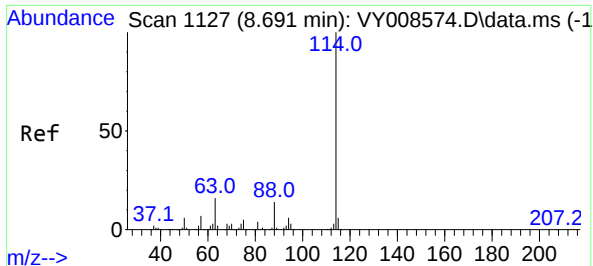
Tgt Ion:168 Resp: 133767
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.478 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

Tgt Ion: 65 Resp: 63027
Ion Ratio Lower Upper
65 100
67 54.6 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: VY008629.D

Acq: 04 May 2022 22:57

Instrument :

MSVOA_Y

ClientSampleId :

VY0504SBL02

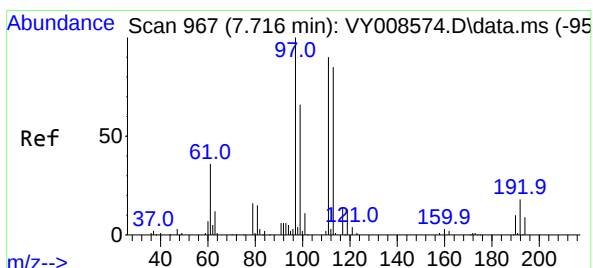
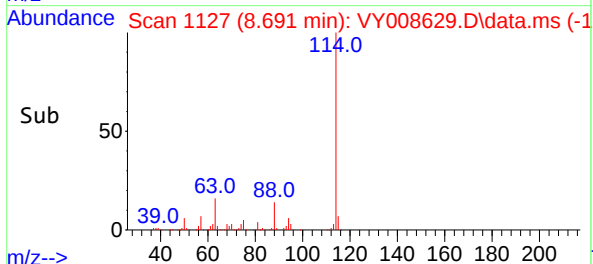
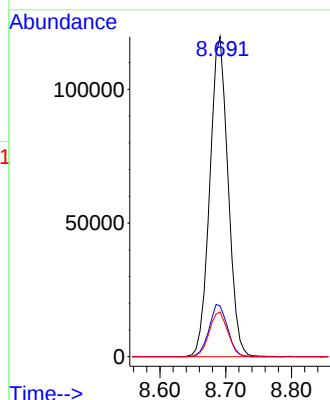
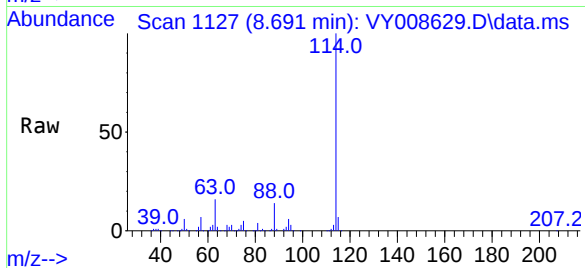
Tgt Ion:114 Resp: 231055

Ion Ratio Lower Upper

114 100

63 15.9 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.455 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008629.D

Acq: 04 May 2022 22:57

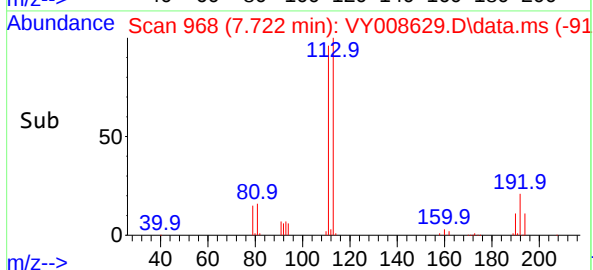
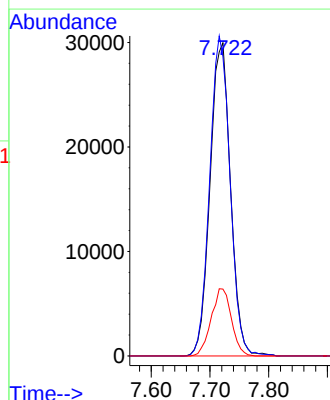
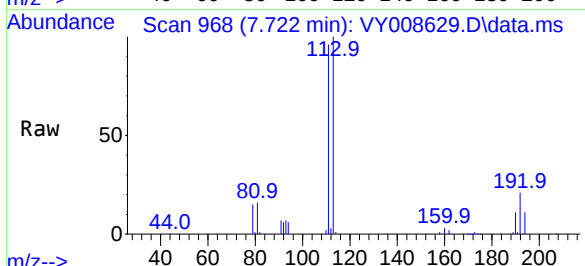
Tgt Ion:113 Resp: 72554

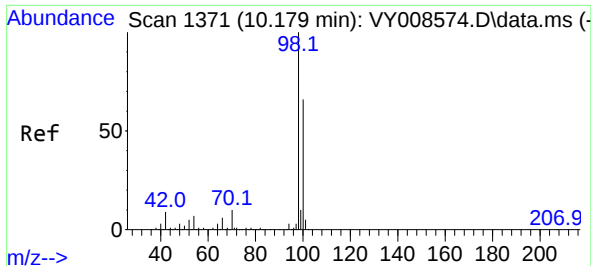
Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 21.2 17.6 26.4

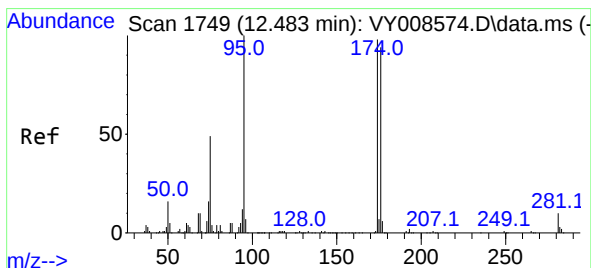
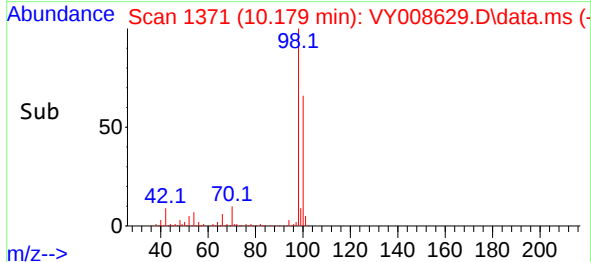
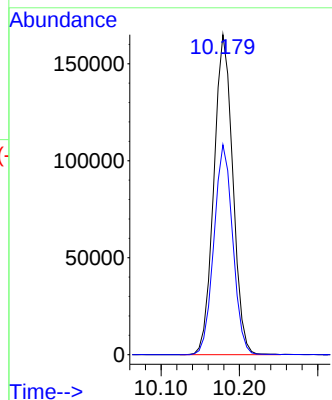
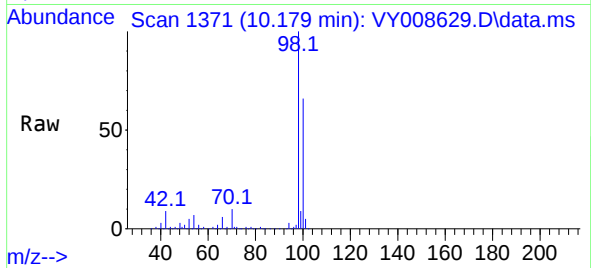




#50
Toluene-d8
Concen: 51.247 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

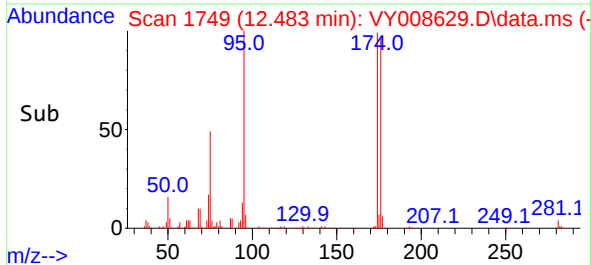
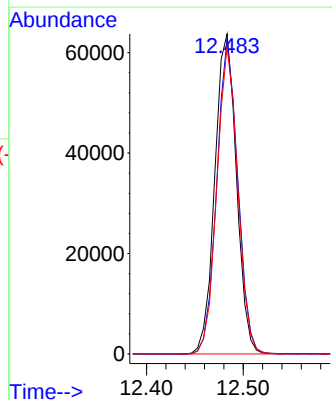
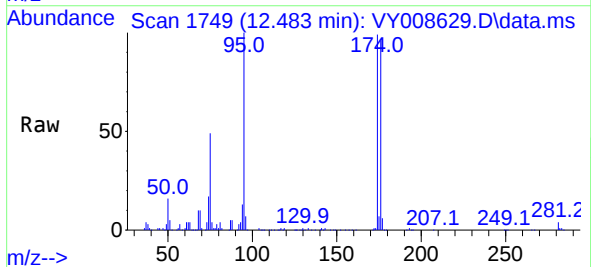
Instrument :
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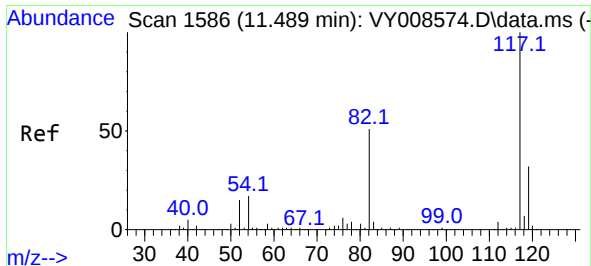
Tgt Ion: 98 Resp: 277583
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.765 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

Tgt Ion: 95 Resp: 98799
Ion Ratio Lower Upper
95 100
174 95.4 0.0 177.0
176 92.5 0.0 175.8

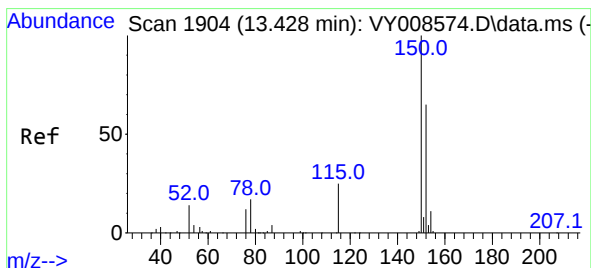
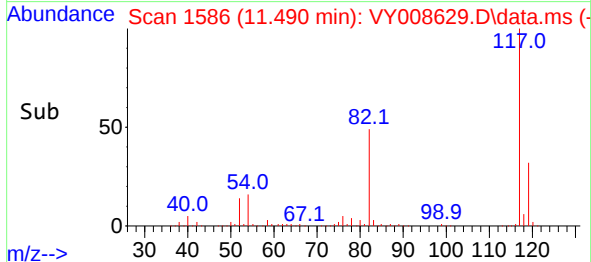
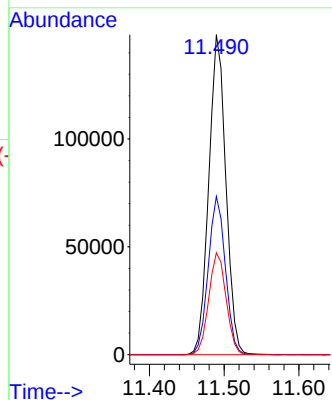
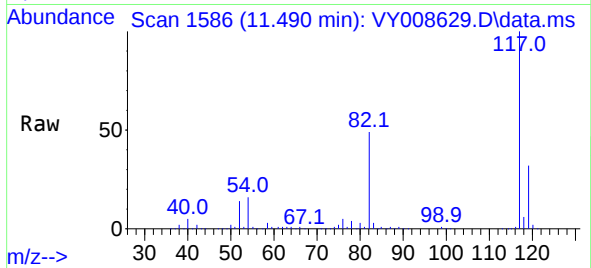




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL02

Tgt Ion:117 Resp: 235382
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 31.9 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: VY008629.D
Acq: 04 May 2022 22:57

Tgt Ion:152 Resp: 116038
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 155.0 0.0 347.6

