

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102722\
 Data File : VY011130.D
 Acq On : 27 Oct 2022 11:12
 Operator : KP/MD
 Sample : VY1027SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1027SBL01

Quant Time: Oct 28 00:45:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	196270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	337107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	302621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138878	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93607	51.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.560%
35) Dibromofluoromethane	7.716	113	97659	52.059	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.120%
50) Toluene-d8	10.179	98	306138	43.493	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.980%
62) 4-Bromofluorobenzene	12.477	95	108642	43.152	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.300%

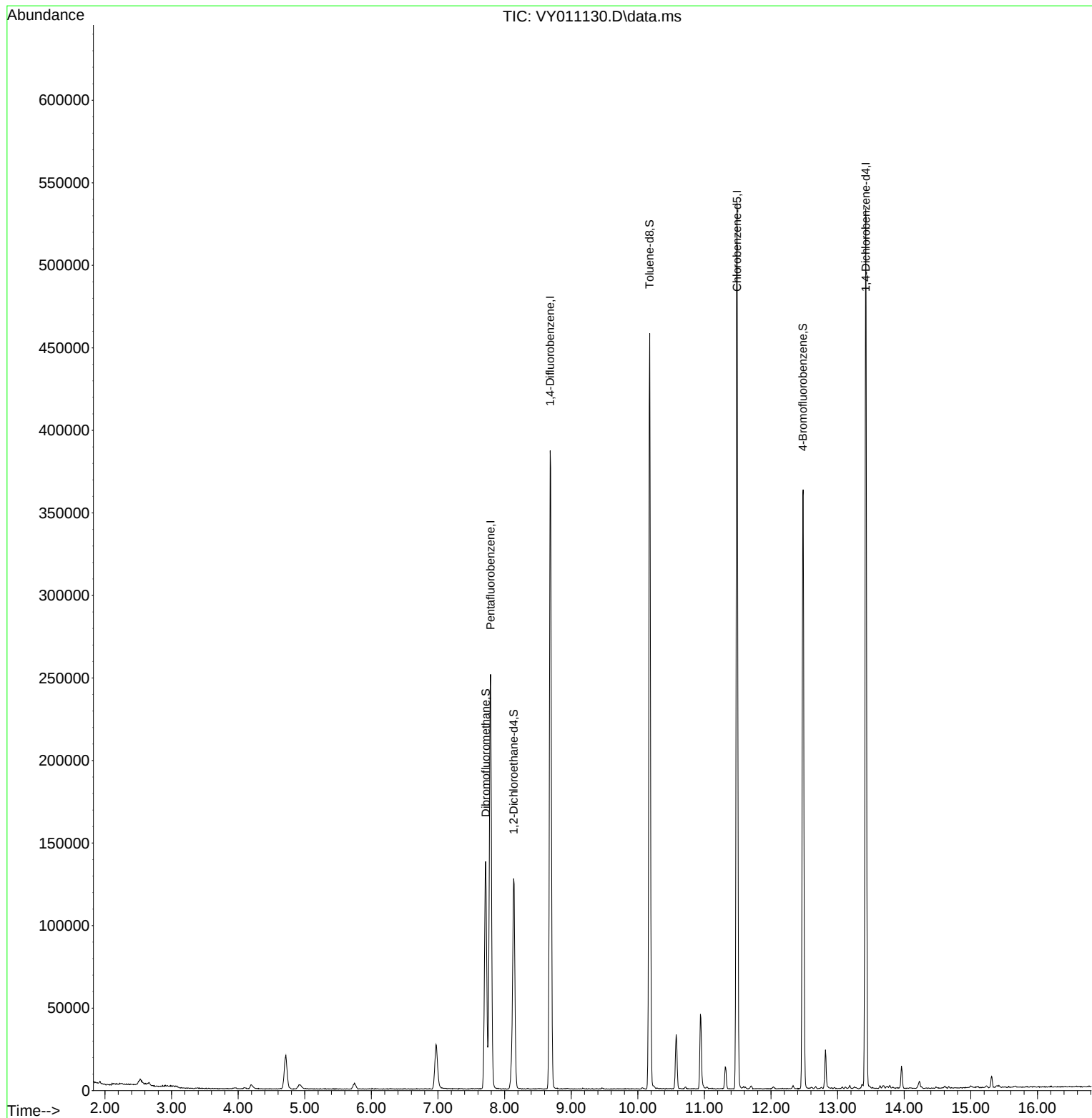
Target Compounds	Qvalue

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

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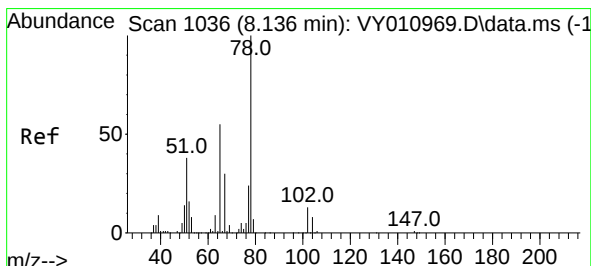
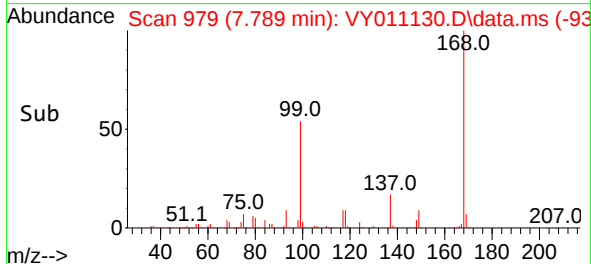
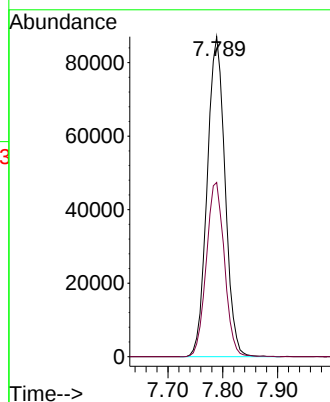
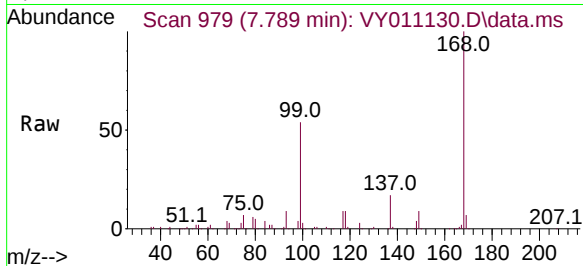




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

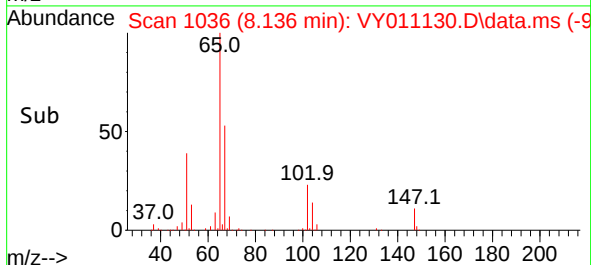
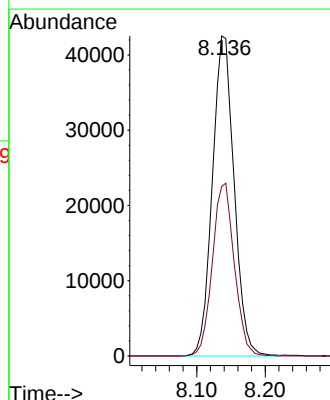
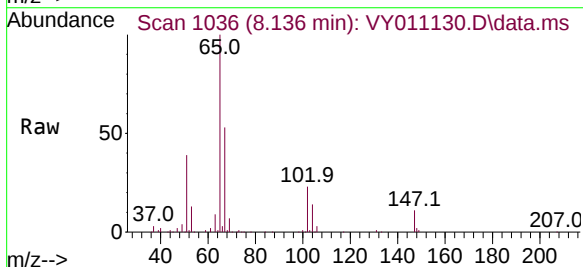
Instrument :
MSVOA_Y
ClientSampleId :
VY1027SBL01

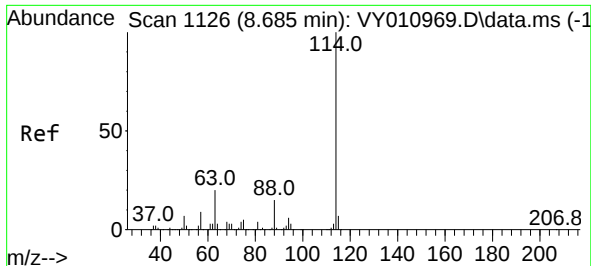
Tgt Ion:168 Resp: 196270
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.776 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

Tgt Ion: 65 Resp: 93607
Ion Ratio Lower Upper
65 100
67 54.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY011130.D

Acq: 27 Oct 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBL01

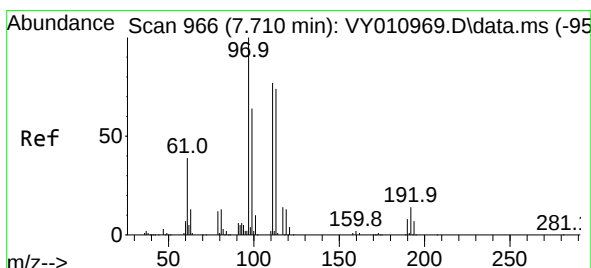
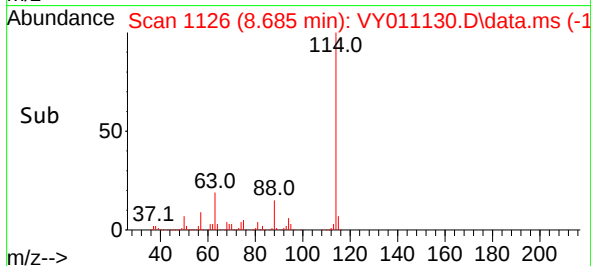
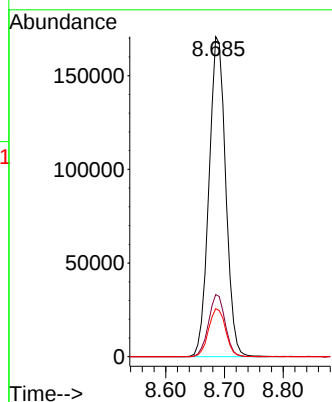
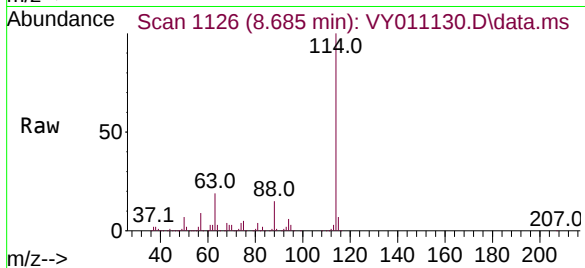
Tgt Ion:114 Resp: 337107

Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.059 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011130.D

Acq: 27 Oct 2022 11:12

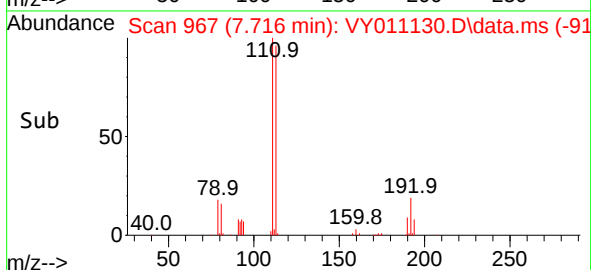
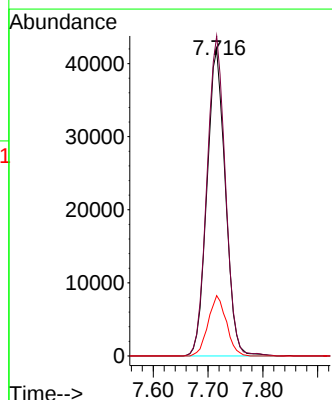
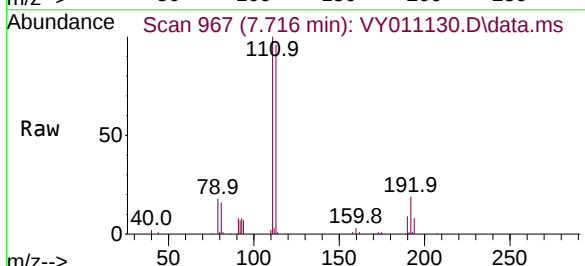
Tgt Ion:113 Resp: 97659

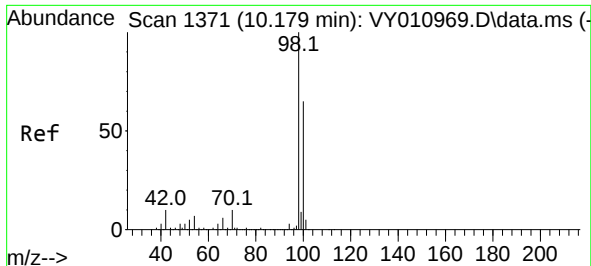
Ion Ratio Lower Upper

113 100

111 104.7 82.6 124.0

192 19.5 17.6 26.4

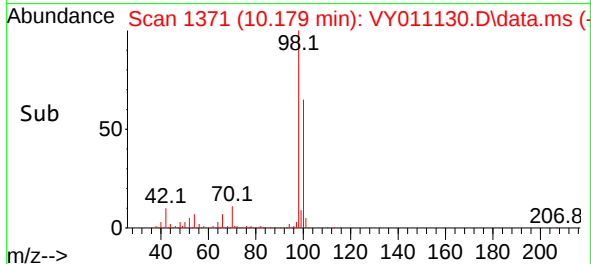
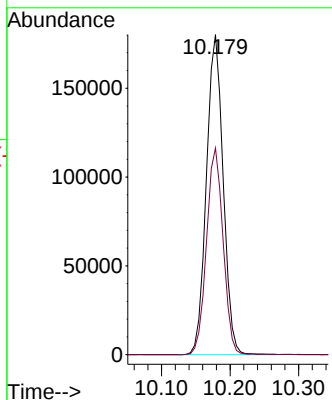
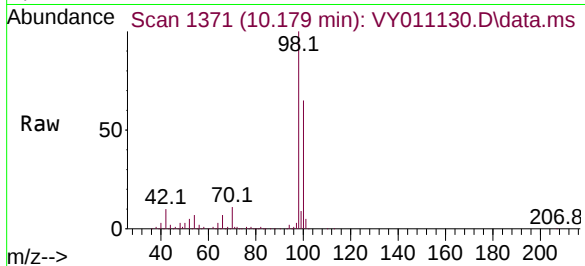




#50
Toluene-d8
Concen: 43.493 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

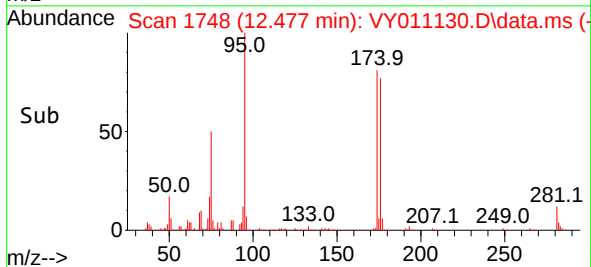
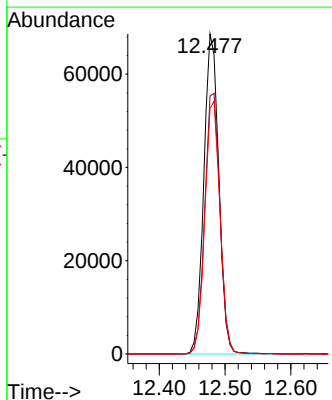
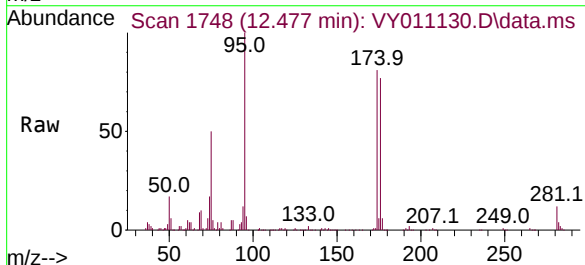
Instrument :
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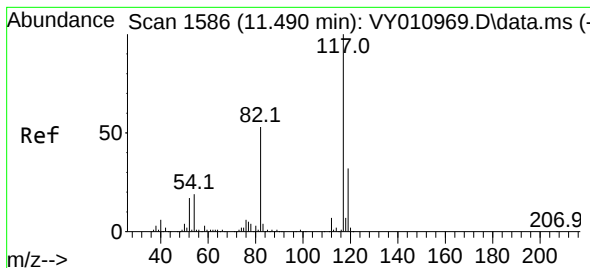
Tgt Ion: 98 Resp: 306138
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.152 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011130.D
Acq: 27 Oct 2022 11:12

Tgt Ion: 95 Resp: 108642
Ion Ratio Lower Upper
95 100
174 83.4 0.0 177.0
176 80.1 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011130.D

Acq: 27 Oct 2022 11:12

Instrument :

MSVOA_Y

ClientSampleId :

VY1027SBL01

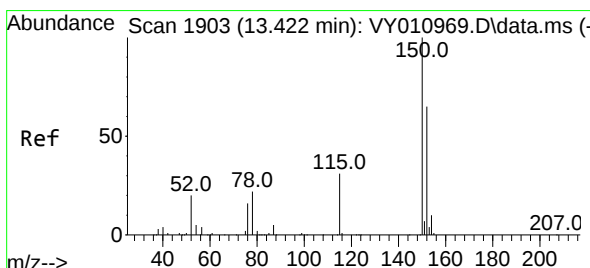
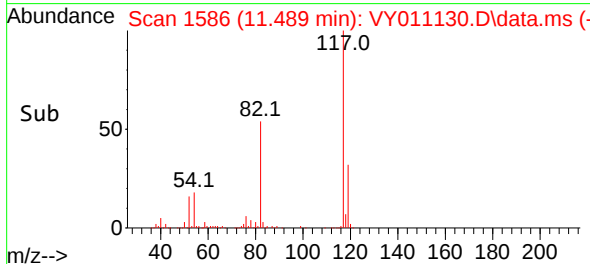
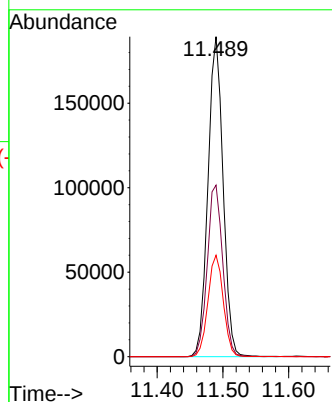
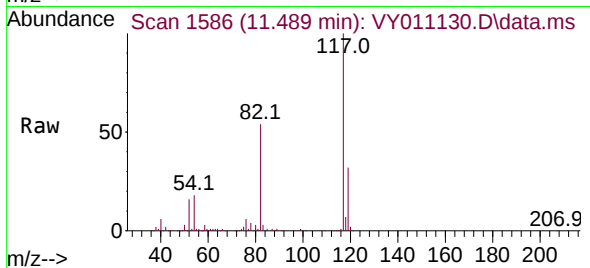
Tgt Ion:117 Resp: 302621

Ion Ratio Lower Upper

117 100

82 53.6 43.0 64.4

119 31.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY011130.D

Acq: 27 Oct 2022 11:12

Tgt Ion:152 Resp: 138878

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 157.0 0.0 347.6

