

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014208.D
 Acq On : 16 Jun 2023 17:11
 Operator : KP/MD
 Sample : 03282-04
 Misc : 4.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-NEX-001-G

Quant Time: Jun 16 23:23:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	289225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	525651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	556988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	268477	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	203677	50.572	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.140%
35) Dibromofluoromethane	7.716	113	174635	46.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.700%
50) Toluene-d8	10.179	98	659221	47.301	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.600%
62) 4-Bromofluorobenzene	12.483	95	253061	51.116	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.240%

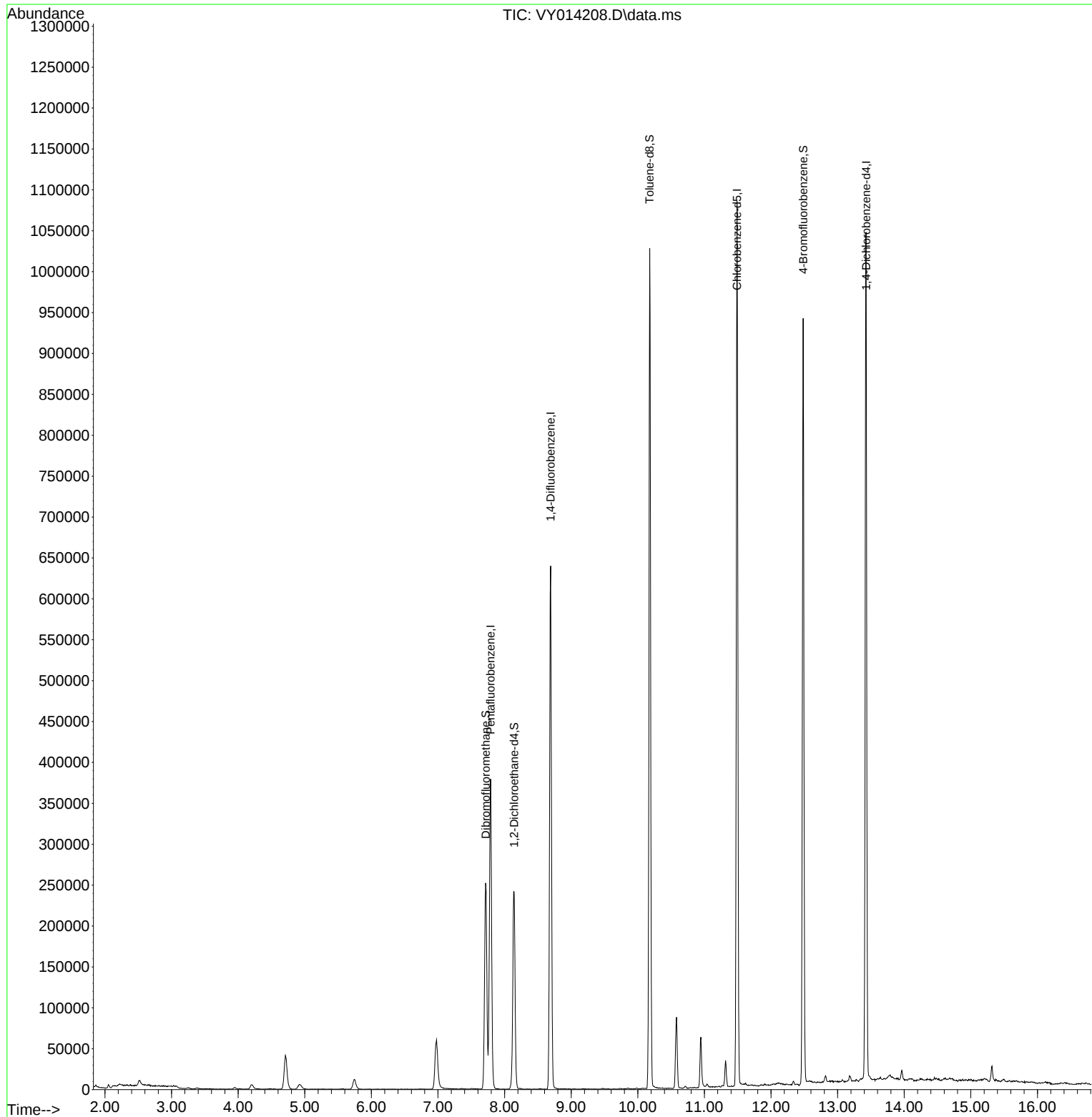
Target Compounds	Qvalue

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

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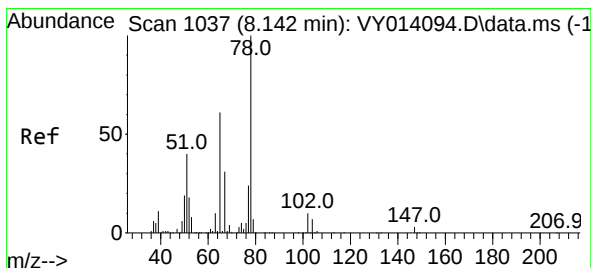
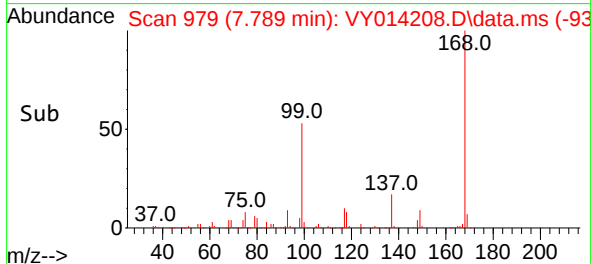
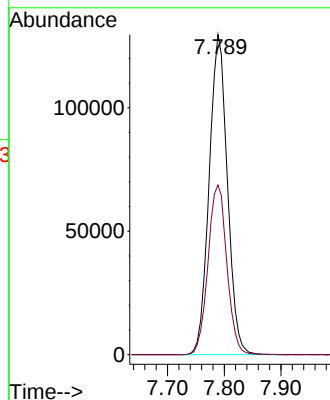
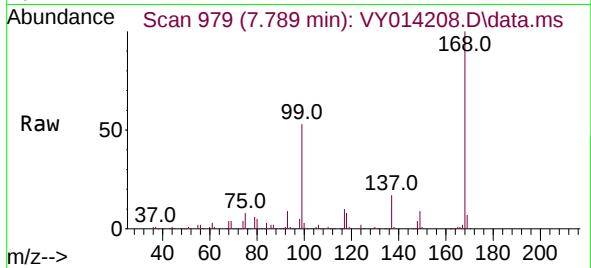




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

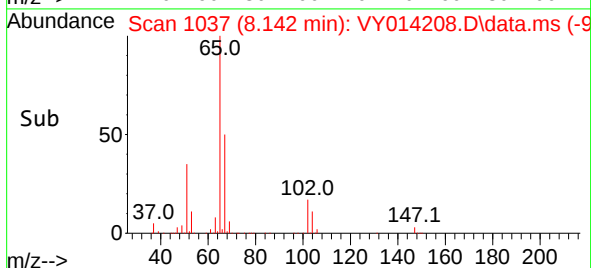
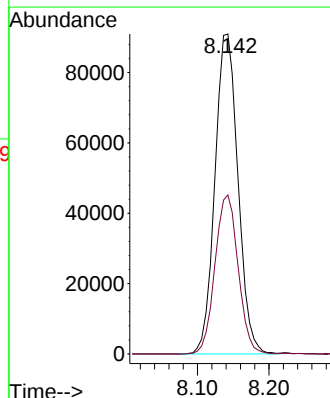
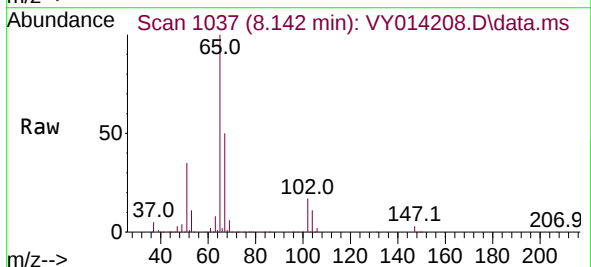
Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-001-G

Tgt Ion:168 Resp: 289225
Ion Ratio Lower Upper
168 100
99 53.0 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.572 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

Tgt Ion: 65 Resp: 203677
Ion Ratio Lower Upper
65 100
67 49.8 0.0 101.8

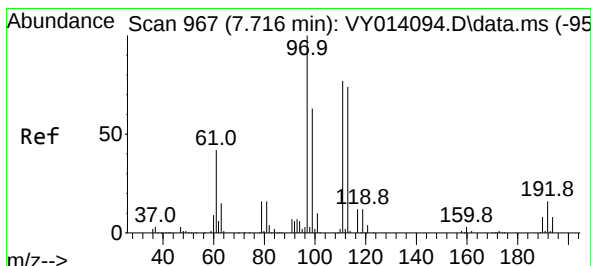
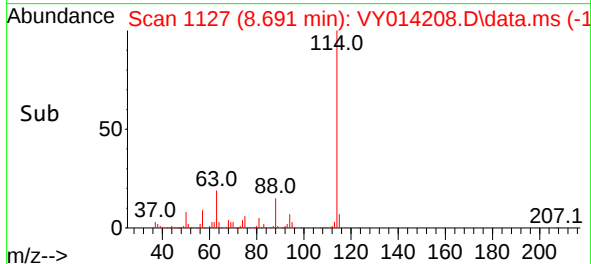
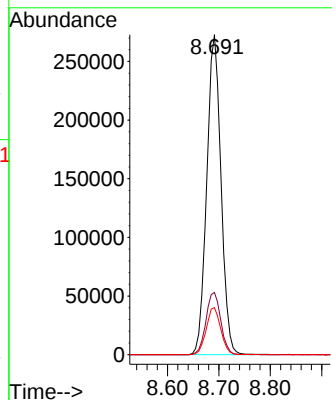
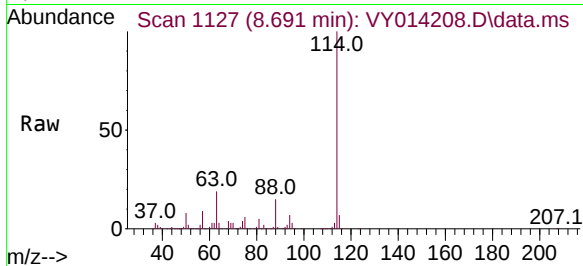




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

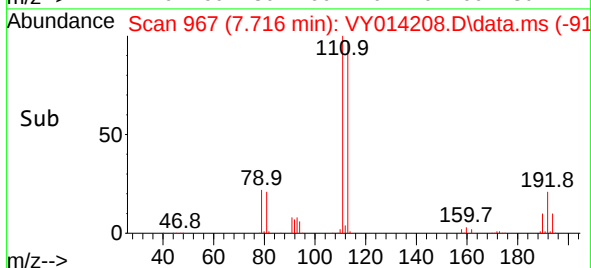
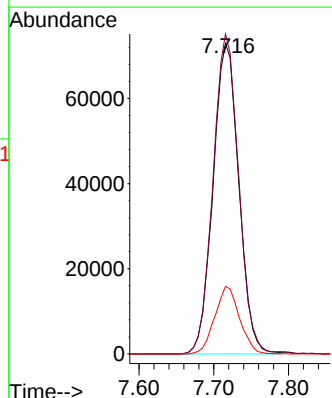
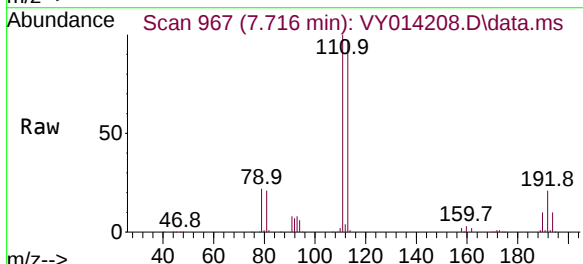
Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-001-G

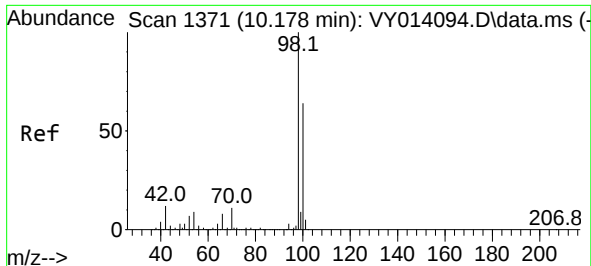
Tgt Ion:	114	Resp:	525651
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.4
88	14.7	0.0	30.6



#35
Dibromofluoromethane
Concen: 46.847 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

Tgt Ion:	113	Resp:	174635
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.3	121.9
192	21.0	16.9	25.3

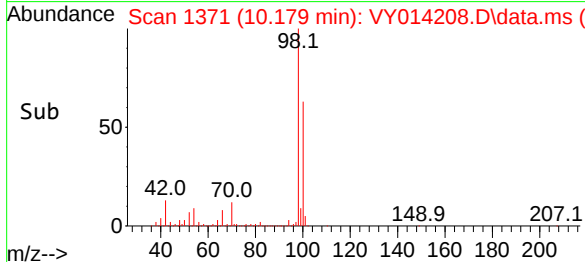
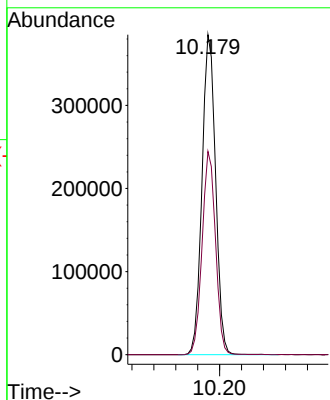
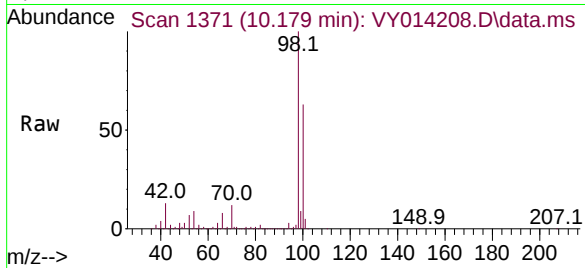




#50
Toluene-d8
Concen: 47.301 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

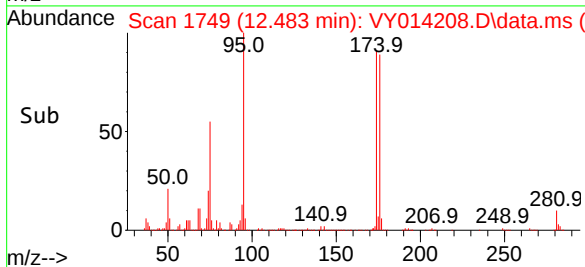
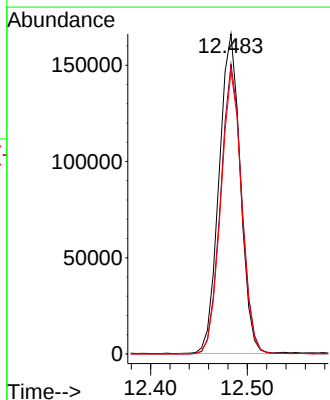
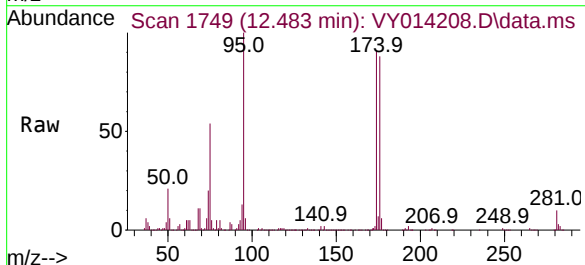
Instrument :
MSVOA_Y
ClientSampleId :
WC-NEX-001-G

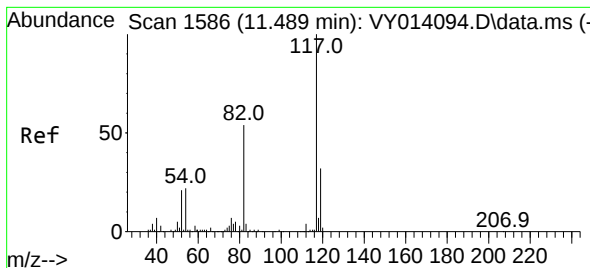
Tgt Ion: 98 Resp: 659221
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.116 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014208.D
Acq: 16 Jun 2023 17:11

Tgt Ion: 95 Resp: 253061
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.2
176 86.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014208.D

Acq: 16 Jun 2023 17:11

Instrument :

MSVOA_Y

ClientSampleId :

WC-NEX-001-G

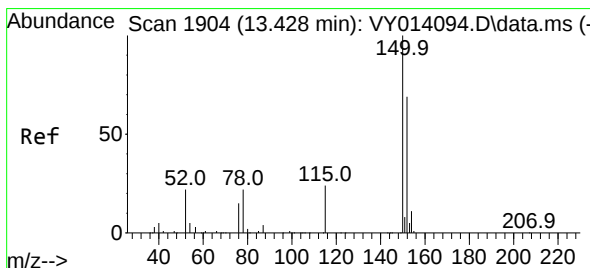
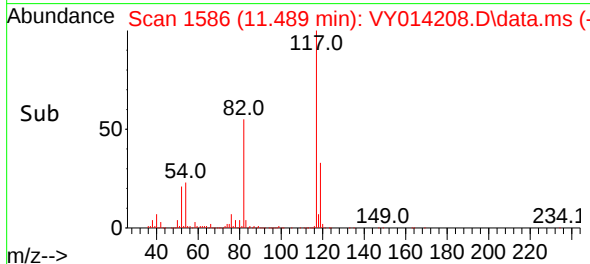
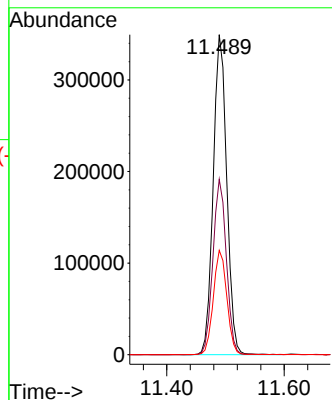
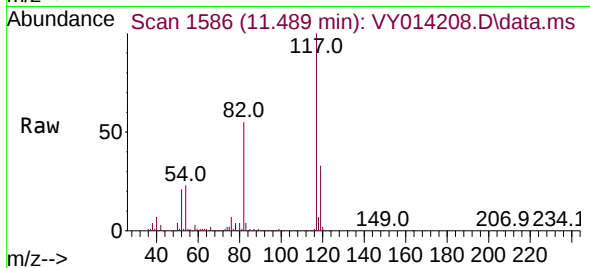
Tgt Ion:117 Resp: 556988

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.6 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014208.D

Acq: 16 Jun 2023 17:11

Tgt Ion:152 Resp: 268477

Ion Ratio Lower Upper

152 100

115 56.8 28.8 86.5

150 155.1 0.0 348.8

