

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050423\
 Data File : VY013601.D
 Acq On : 04 May 2023 15:39
 Operator : KP/MD
 Sample : 02598-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-241

Quant Time: May 05 01:00:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	62247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	75090	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29831	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	33715	49.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.820%
35) Dibromofluoromethane	7.716	113	30873	55.733	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.460%
50) Toluene-d8	10.179	98	103958	52.754	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.500%
62) 4-Bromofluorobenzene	12.483	95	26839	40.399	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.800%

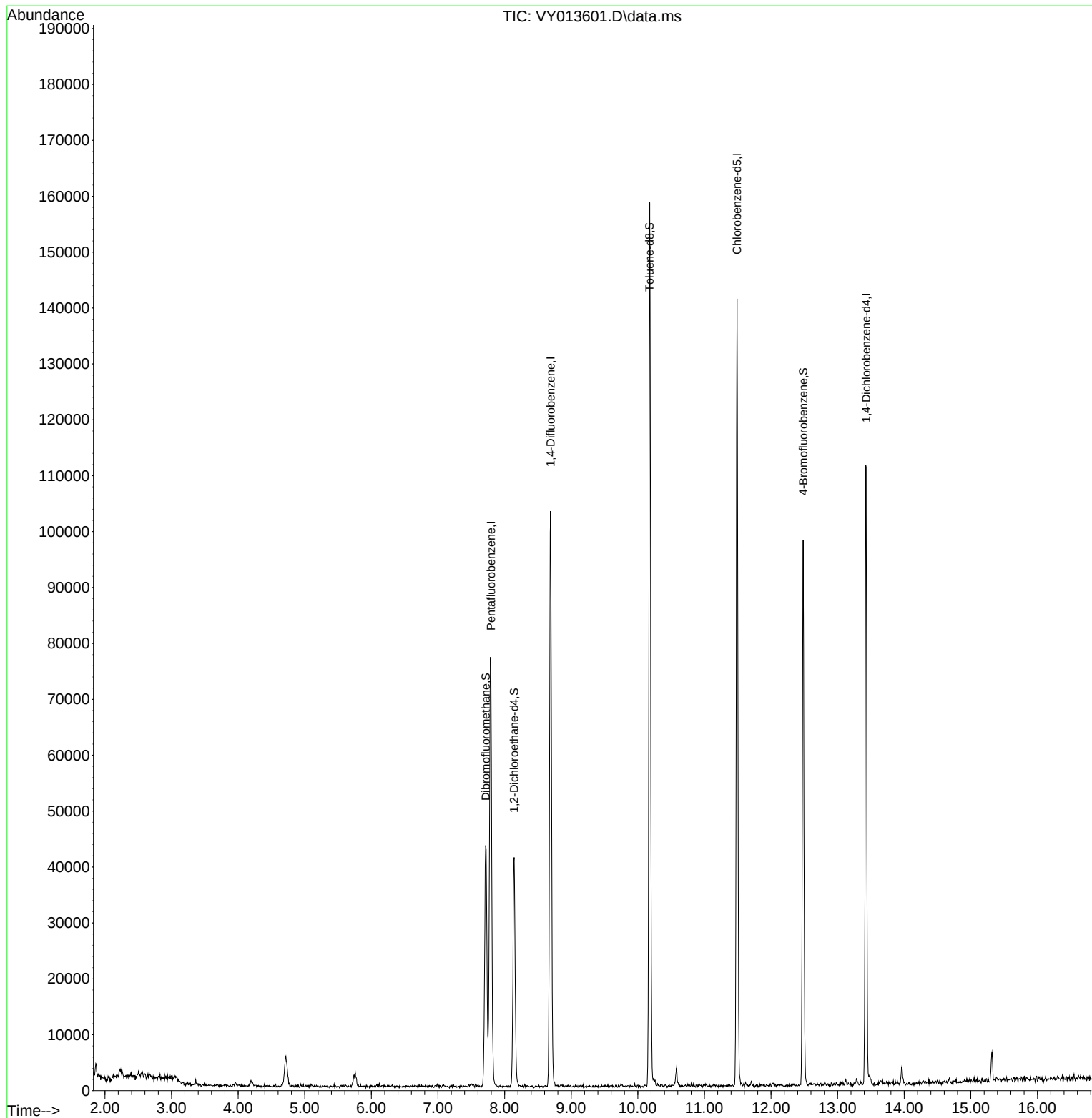
Target Compounds	Qvalue

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

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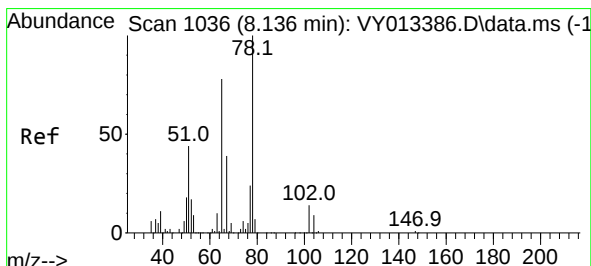
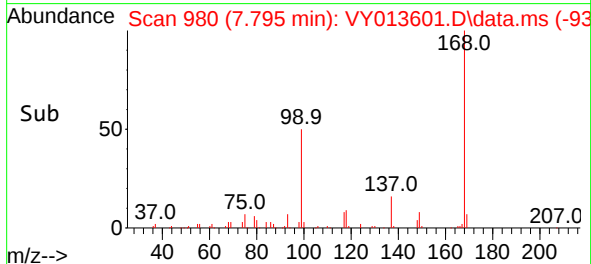
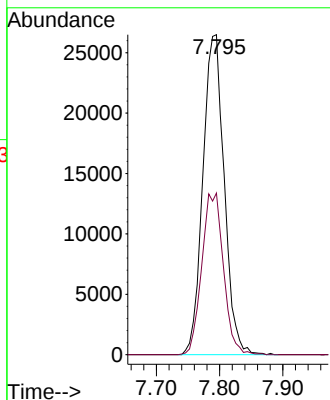
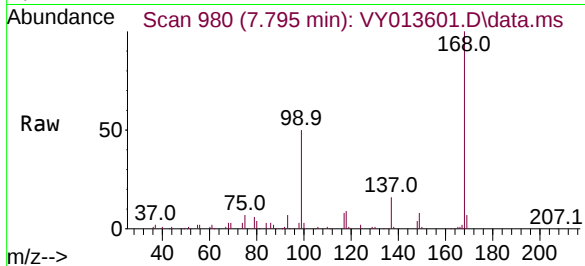




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

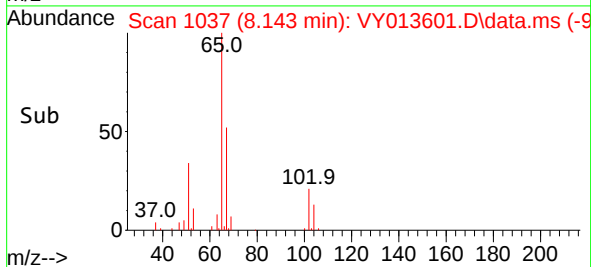
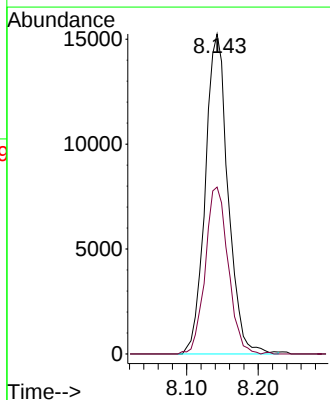
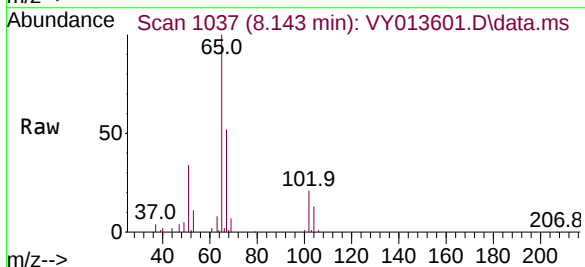
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

Tgt Ion:168 Resp: 62247
Ion Ratio Lower Upper
168 100
99 50.5 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 49.409 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

Tgt Ion: 65 Resp: 33715
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4

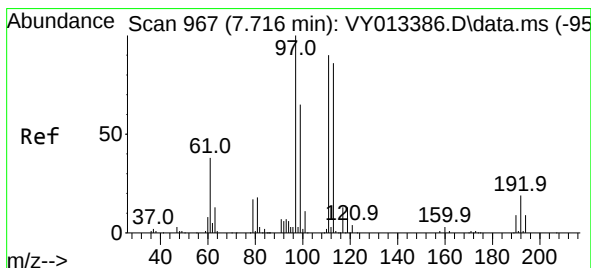
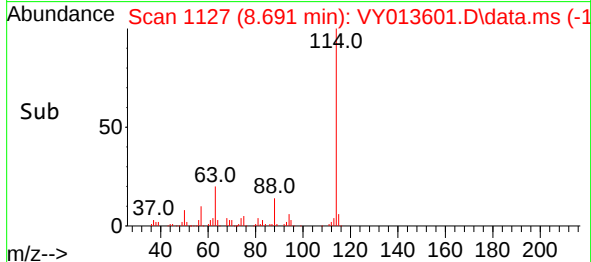
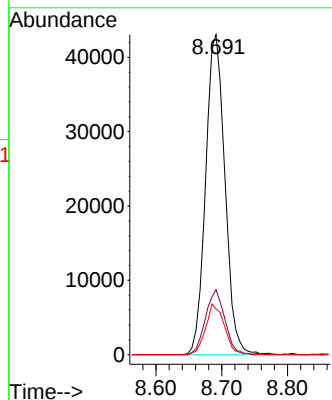
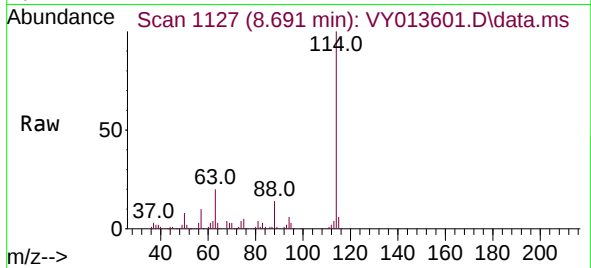




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

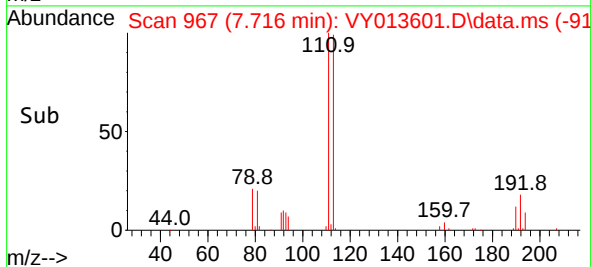
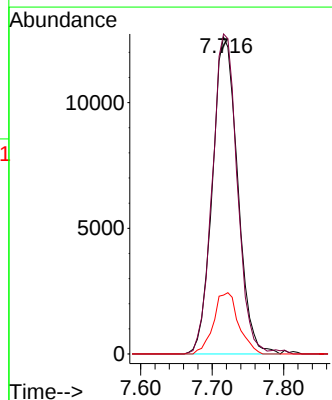
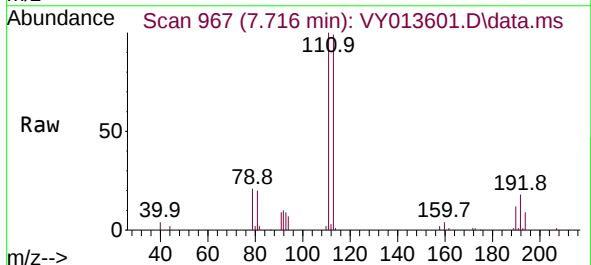
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-241

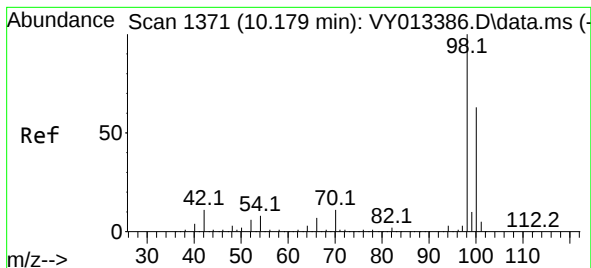
Tgt Ion:	114	Resp:	88074
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	36.6
88	14.2	0.0	28.8



#35
Dibromofluoromethane
Concen: 55.733 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013601.D
Acq: 04 May 2023 15:39

Tgt Ion:	113	Resp:	30873
Ion Ratio	Lower	Upper	
113	100		
111	99.5	82.2	123.2
192	19.2	16.7	25.1





#50

Toluene-d8

Concen: 52.754 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013601.D

Acq: 04 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

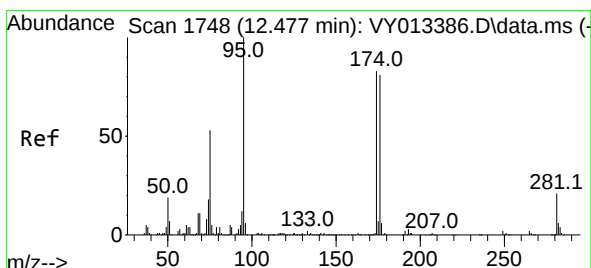
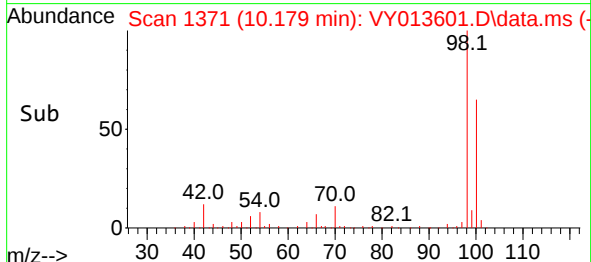
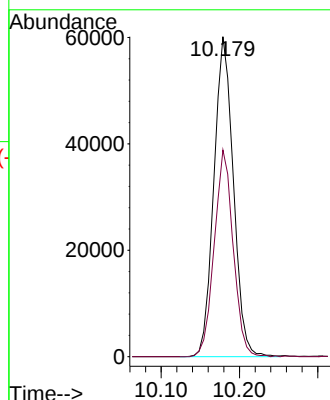
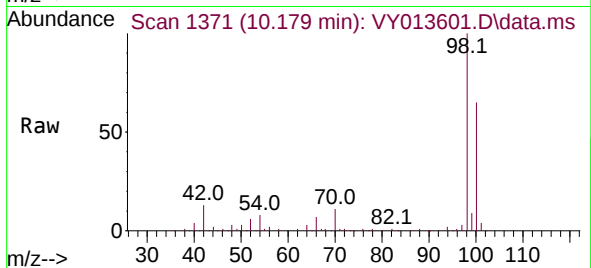
VNJ-241

Tgt Ion: 98 Resp: 103958

Ion Ratio Lower Upper

98 100

100 62.9 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 40.399 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013601.D

Acq: 04 May 2023 15:39

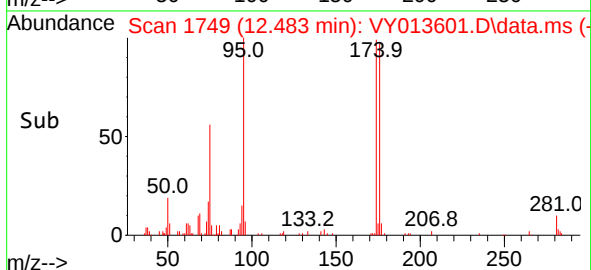
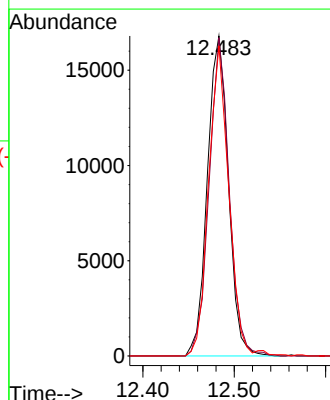
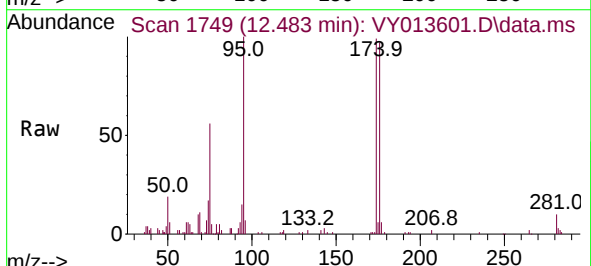
Tgt Ion: 95 Resp: 26839

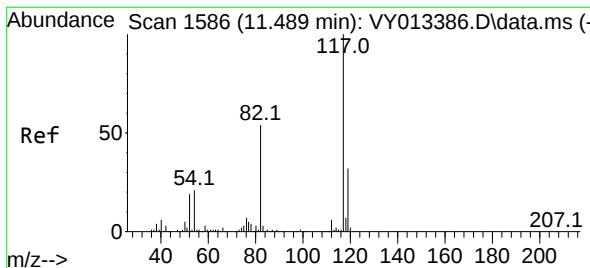
Ion Ratio Lower Upper

95 100

174 95.3 0.0 182.0

176 93.6 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013601.D

Acq: 04 May 2023 15:39

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-241

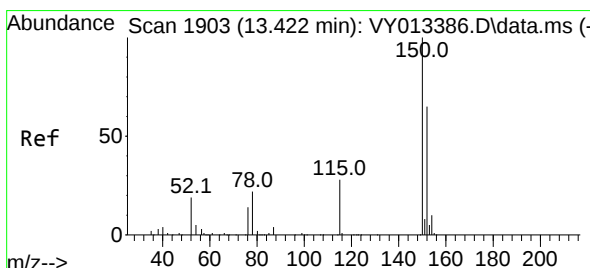
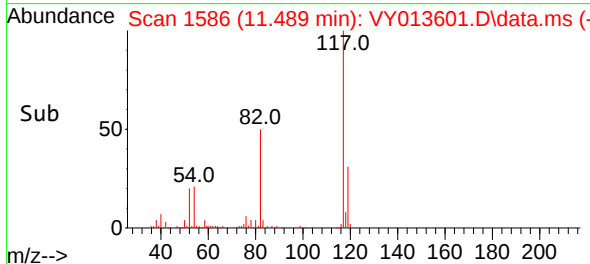
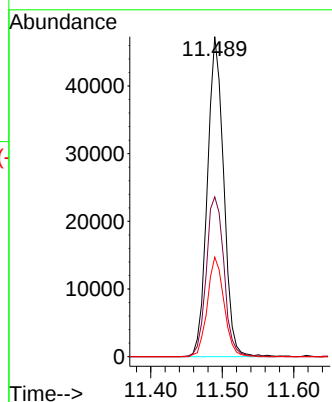
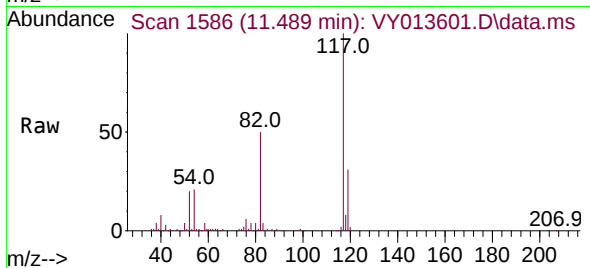
Tgt Ion:117 Resp: 75090

Ion Ratio Lower Upper

117 100

82 49.9 43.0 64.6

119 31.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013601.D

Acq: 04 May 2023 15:39

Tgt Ion:152 Resp: 29831

Ion Ratio Lower Upper

152 100

115 55.0 28.1 84.2

150 154.0 0.0 352.0

