

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022125\
 Data File : VY021296.D
 Acq On : 21 Feb 2025 19:18
 Operator : SY/MD
 Sample : Q1388-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12016RE

Quant Time: Feb 21 23:11:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	13700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	21314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	15483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	3224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	6404	45.623	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.240%
35) Dibromofluoromethane	7.646	113	7307	53.494	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.980%
50) Toluene-d8	10.115	98	23678	45.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.060%
62) 4-Bromofluorobenzene	12.414	95	4495	26.458	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	52.920%

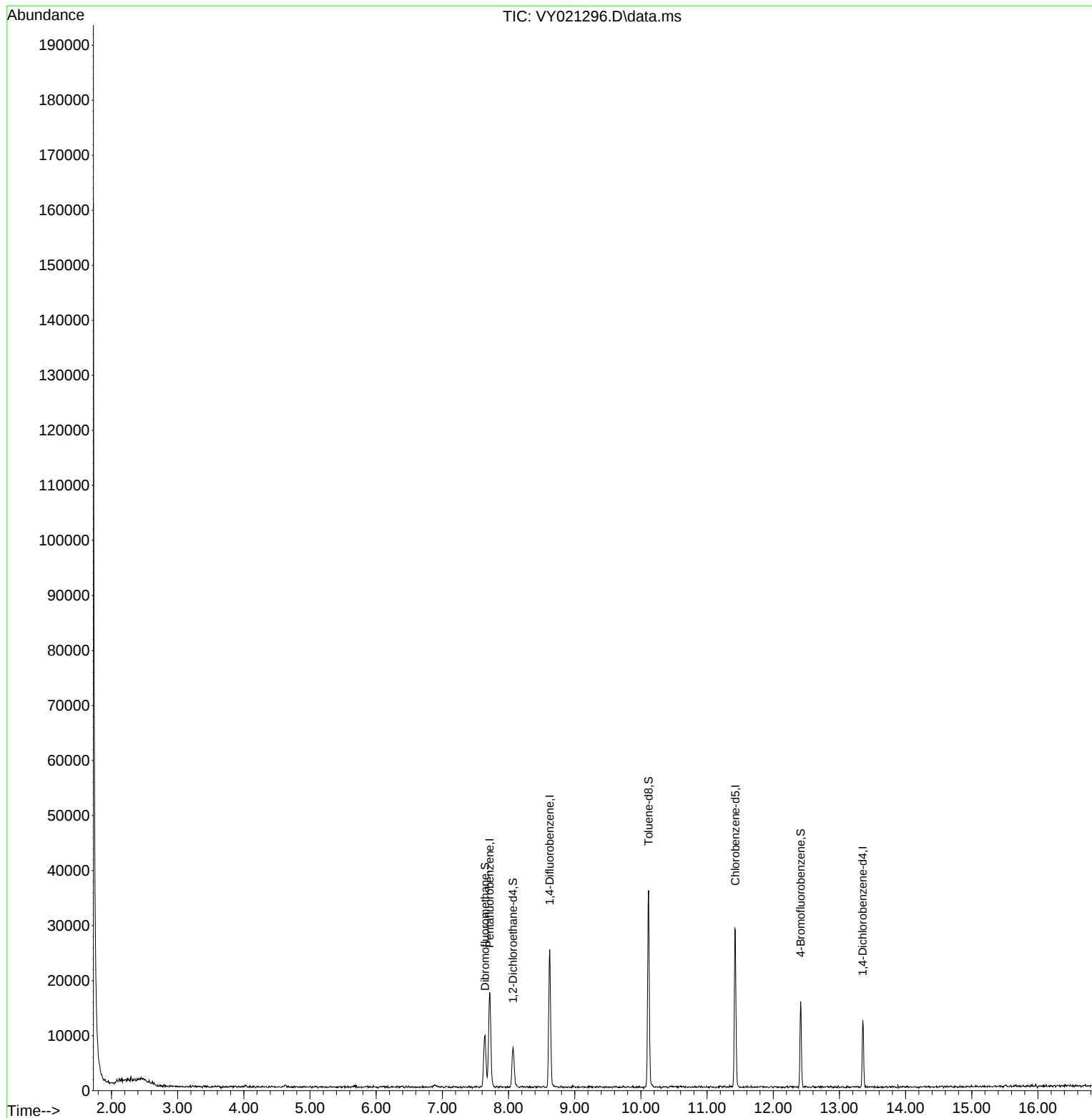
Target Compounds	Qvalue

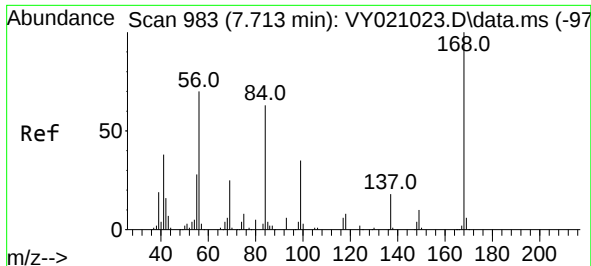
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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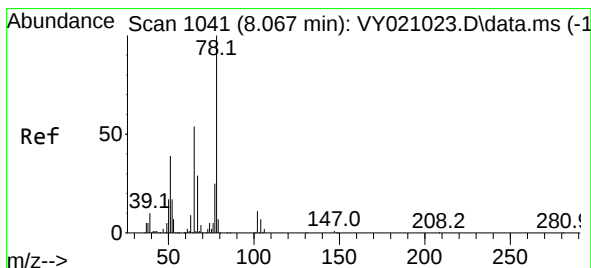
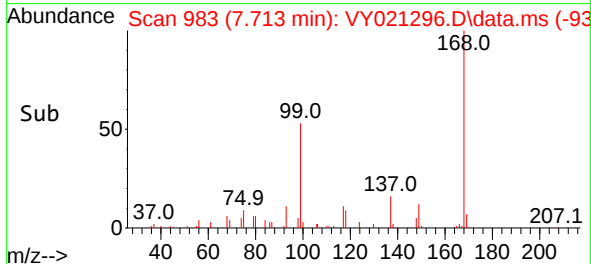
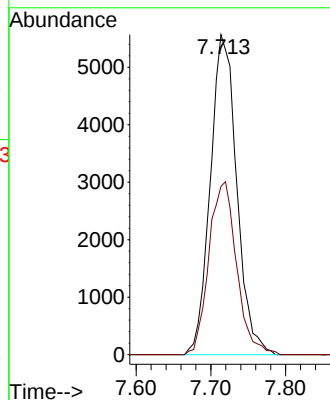
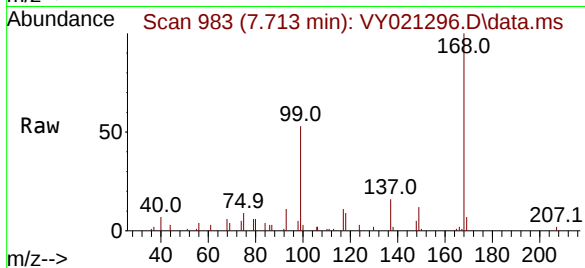




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021296.D
Acq: 21 Feb 2025 19:18

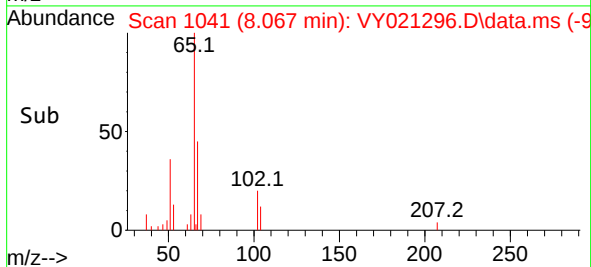
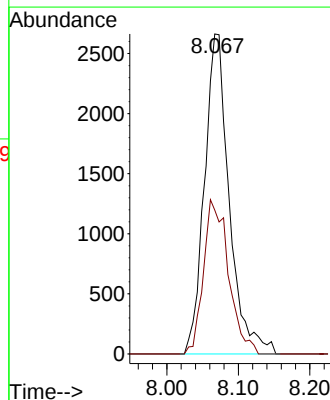
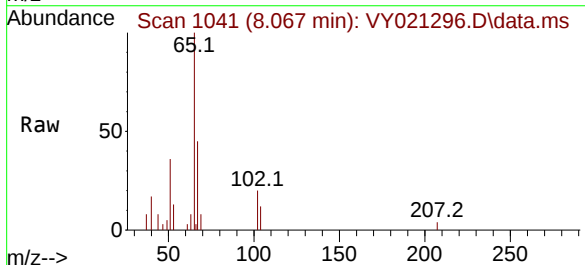
Instrument :
MSVOA_Y
ClientSampleId :
72-12016RE

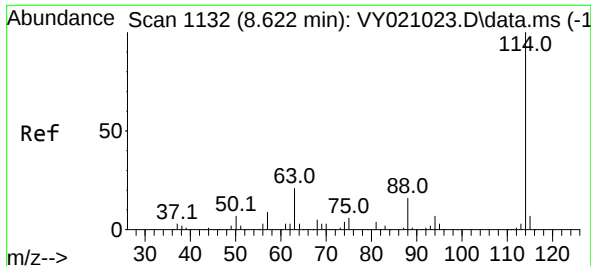
Tgt Ion:168 Resp: 13700
Ion Ratio Lower Upper
168 100
99 52.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.623 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021296.D
Acq: 21 Feb 2025 19:18

Tgt Ion: 65 Resp: 6404
Ion Ratio Lower Upper
65 100
67 48.7 0.0 109.0

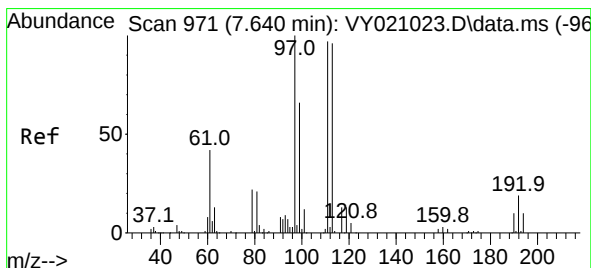
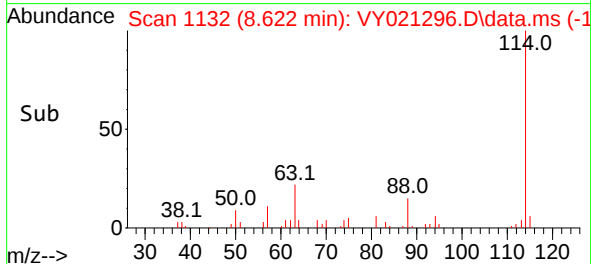
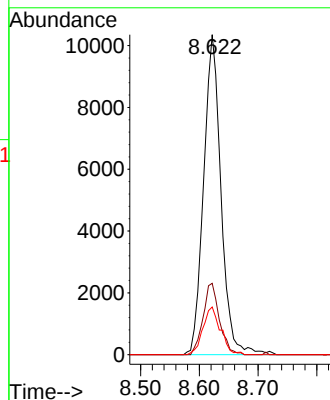
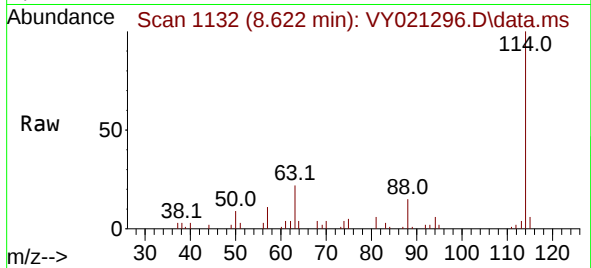




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021296.D
Acq: 21 Feb 2025 19:18

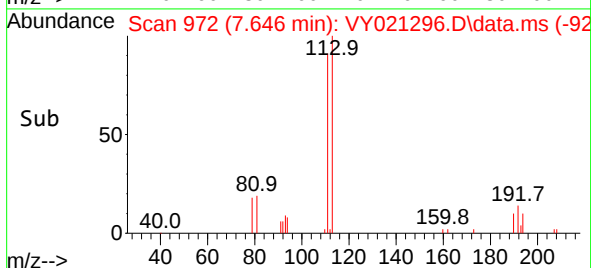
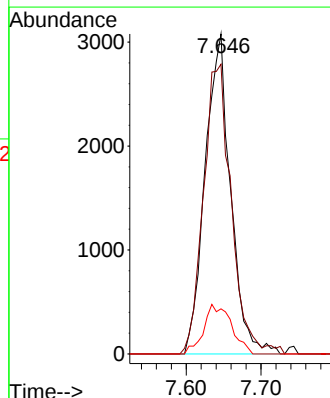
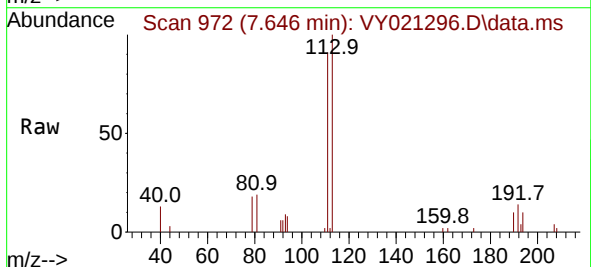
Instrument :
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ClientSampleId :
72-12016RE

Tgt Ion:114	Resp:	21314
Ion Ratio	Lower	Upper
114	100	
63	22.3	0.0 37.4
88	14.9	0.0 29.0



#35
Dibromofluoromethane
Concen: 53.494 ug/l
RT: 7.646 min Scan# 972
Delta R.T. 0.006 min
Lab File: VY021296.D
Acq: 21 Feb 2025 19:18

Tgt Ion:113	Resp:	7307
Ion Ratio	Lower	Upper
113	100	
111	98.7	83.8 125.6
192	16.8	14.5 21.7

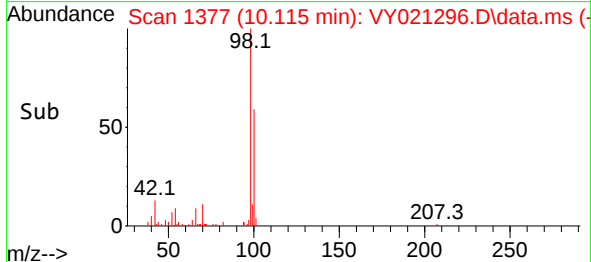
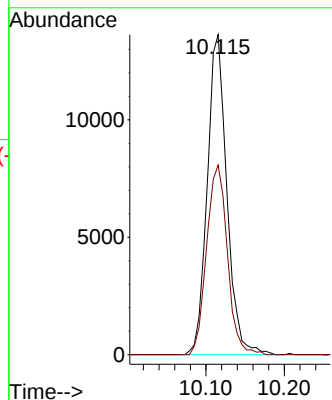
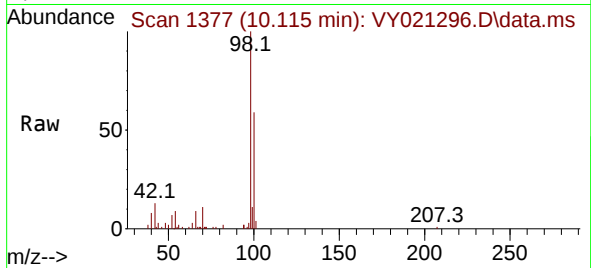




#50
Toluene-d8
Concen: 45.533 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021296.D
Acq: 21 Feb 2025 19:18

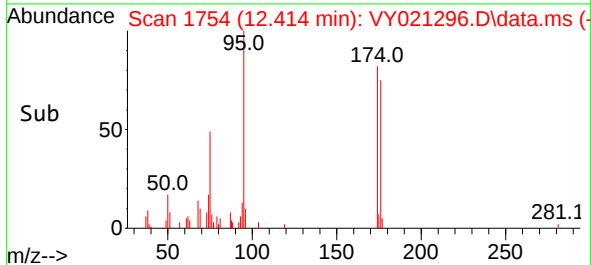
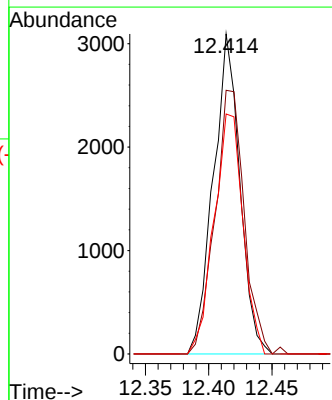
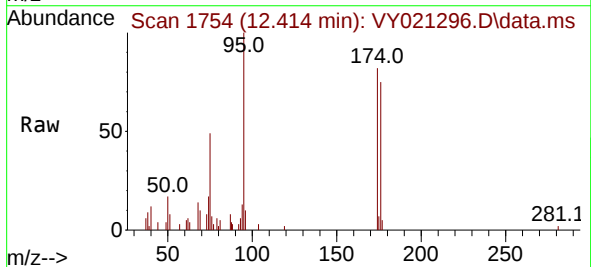
Instrument :
MSVOA_Y
ClientSampleId :
72-12016RE

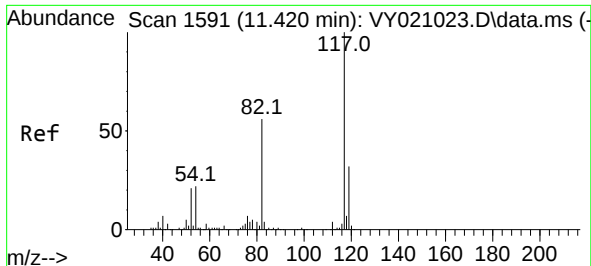
Tgt Ion: 98 Resp: 23678
Ion Ratio Lower Upper
98 100
100 62.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 26.458 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021296.D
Acq: 21 Feb 2025 19:18

Tgt Ion: 95 Resp: 4495
Ion Ratio Lower Upper
95 100
174 91.3 0.0 160.0
176 81.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021296.D

Acq: 21 Feb 2025 19:18

Instrument :

MSVOA_Y

ClientSampleId :

72-12016RE

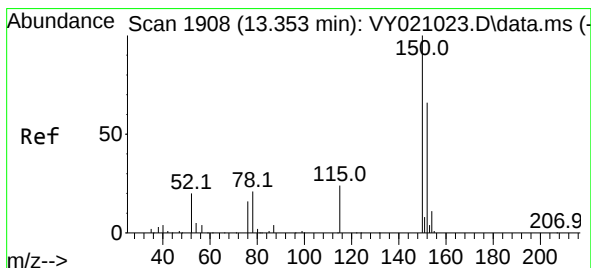
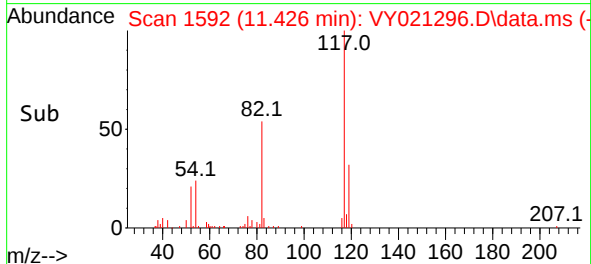
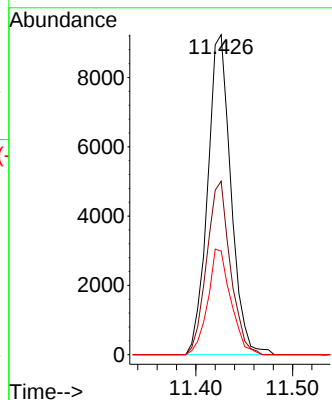
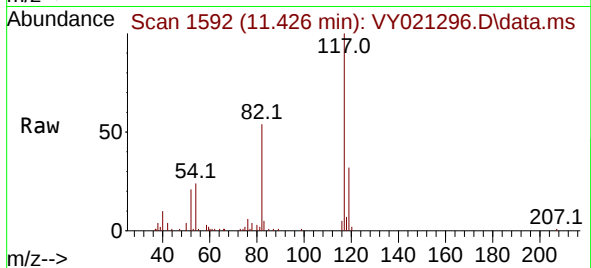
Tgt Ion:117 Resp: 15483

Ion Ratio Lower Upper

117 100

82 54.2 43.8 65.8

119 32.4 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021296.D

Acq: 21 Feb 2025 19:18

Tgt Ion:152 Resp: 3224

Ion Ratio Lower Upper

152 100

115 47.2 30.0 90.0

150 152.0 0.0 344.6

