

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
 Data File : VY020771.D
 Acq On : 03 Jan 2025 15:51
 Operator : SY/MD
 Sample : Q1009-03RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-1-03-2025RE

Quant Time: Jan 03 22:05:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.72
34) 1,4-Difluorobenzene	8.622	114	213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	576	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	339	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	46	0.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.109	98	373	78.915	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	157.840%#
62) 4-Bromofluorobenzene	12.414	95	273	175.092	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	350.180%#

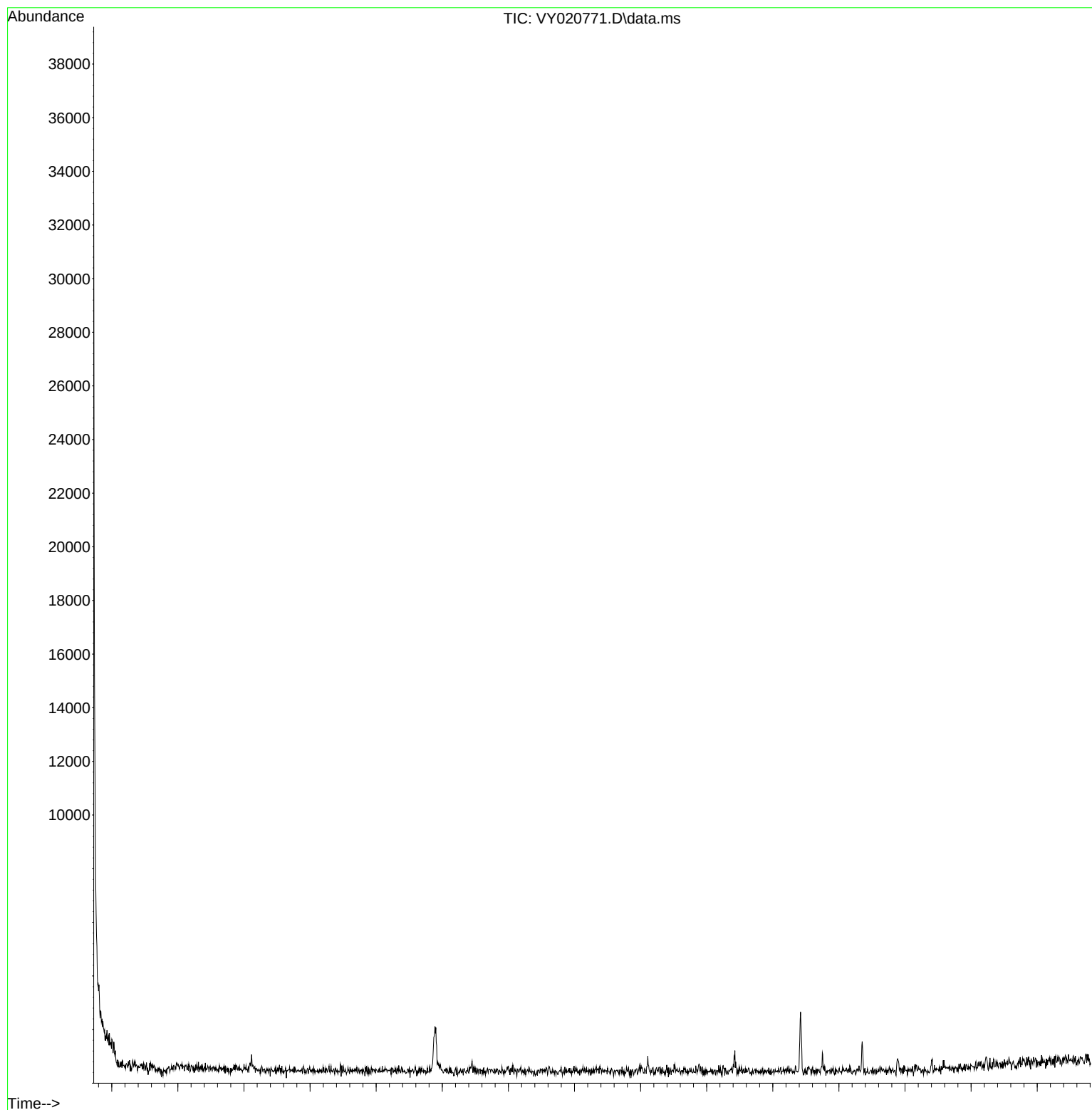
Target Compounds Qvalue

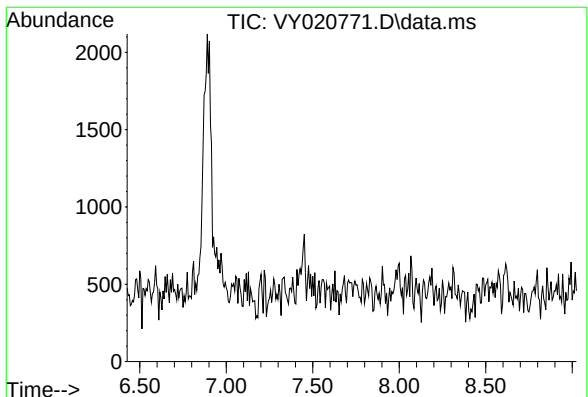
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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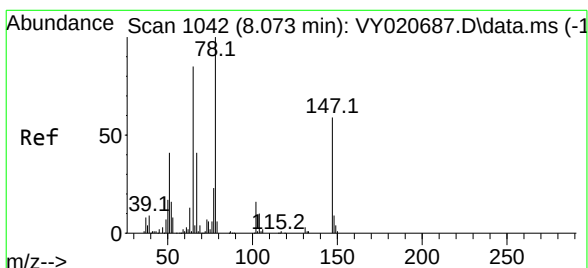
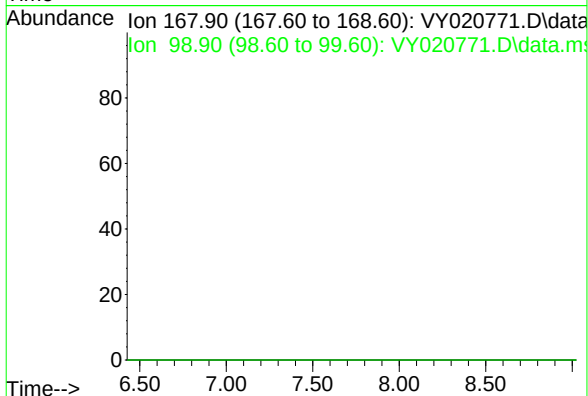




#1
 Pentafluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 7.72 min
 Lab File: VY020771.D
 Acq: 03 Jan 2025 15:51

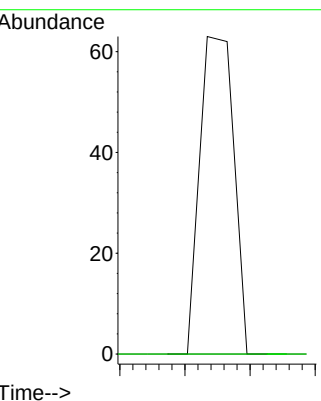
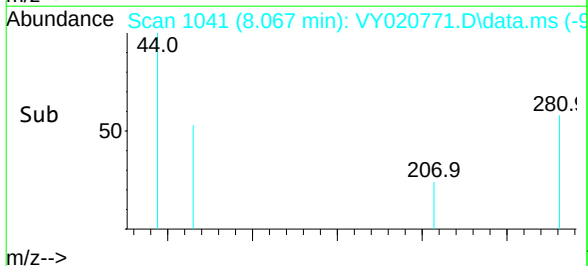
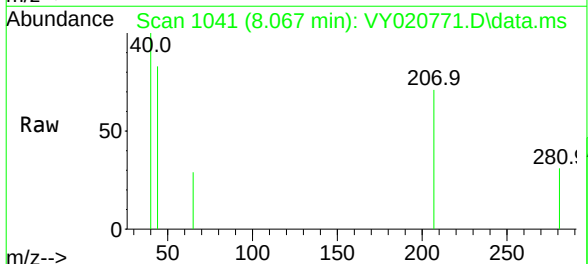
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-1-03-2025RE

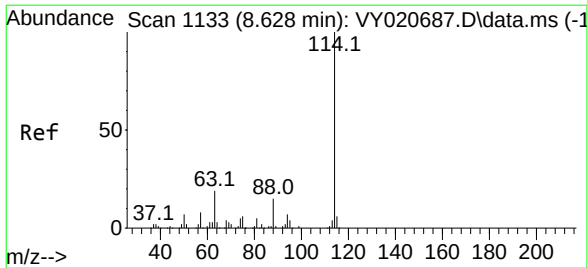
Tgt Ion: 168
 Sig Exp Ratio
 168 100
 99 54.7



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. -0.006 min
 Lab File: VY020771.D
 Acq: 03 Jan 2025 15:51

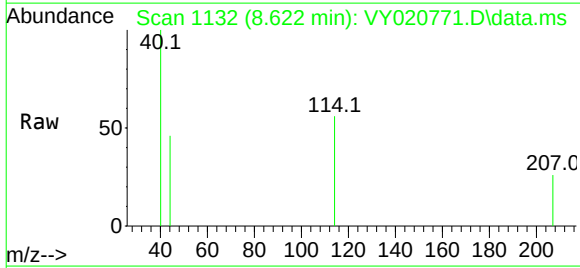
Tgt Ion: 65 Resp: 46
 Ion Ratio Lower Upper
 65 100
 67 0.0 0.0 98.0



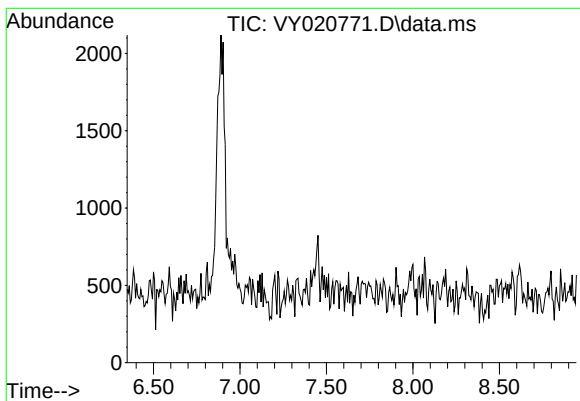
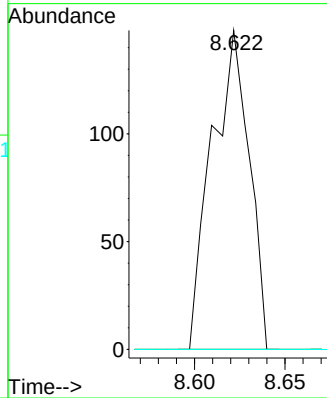
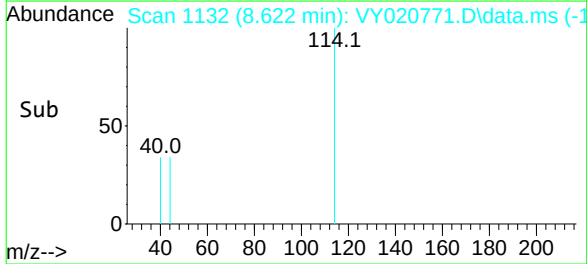


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020771.D
Acq: 03 Jan 2025 15:51

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-1-03-2025RE



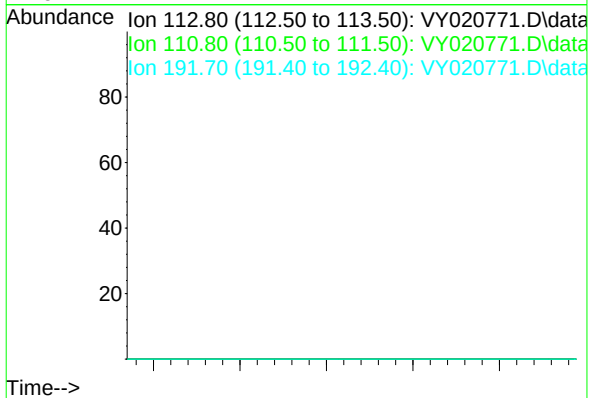
Tgt Ion: 114 Resp: 213
Ion Ratio Lower Upper
114 100
63 0.0 0.0 38.4
88 0.0 0.0 30.4



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.65 min

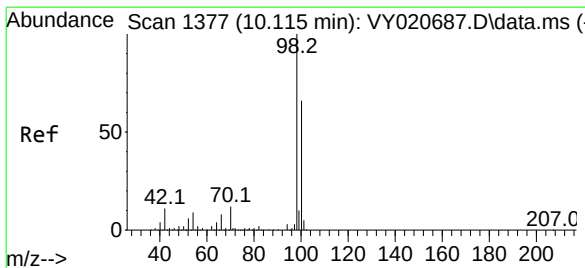
Lab File: VY020771.D
Acq: 03 Jan 2025 15:51

Tgt Ion: 113
Sig Exp Ratio
113 100
111 99.8
192 21.3



Ion 110.80 (110.50 to 111.50): VY020771.D\data

Ion 191.70 (191.40 to 192.40): VY020771.D\data



#50

Toluene-d8

Concen: 78.915 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020771.D

Acq: 03 Jan 2025 15:51

Instrument :

MSVOA_Y

ClientSampleId :

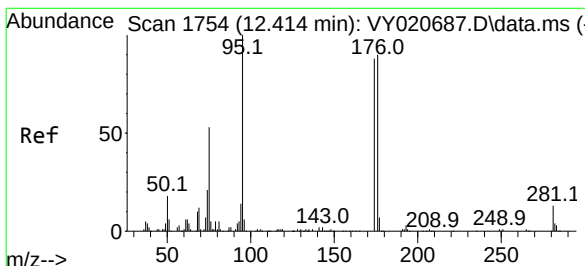
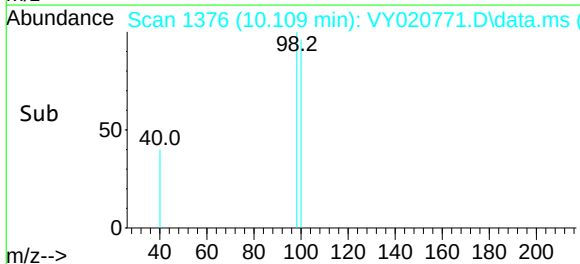
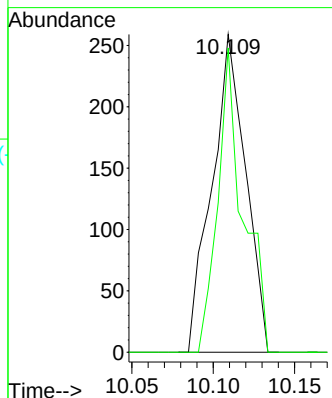
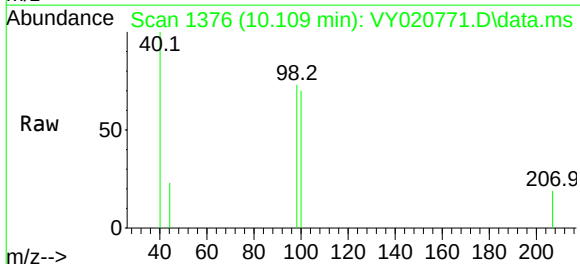
SU-03-1-03-2025RE

Tgt Ion: 98 Resp: 373

Ion Ratio Lower Upper

98 100

100 71.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 175.092 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY020771.D

Acq: 03 Jan 2025 15:51

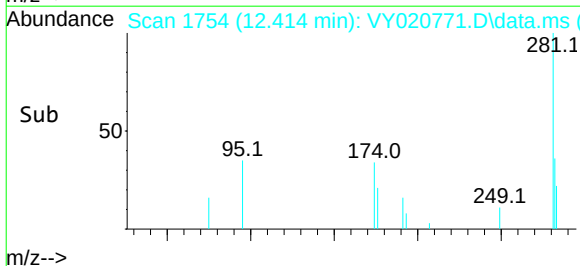
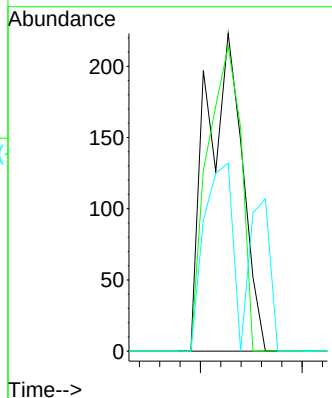
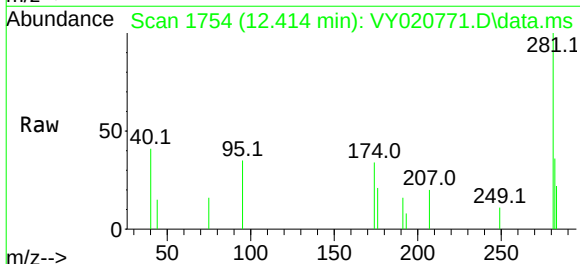
Tgt Ion: 95 Resp: 273

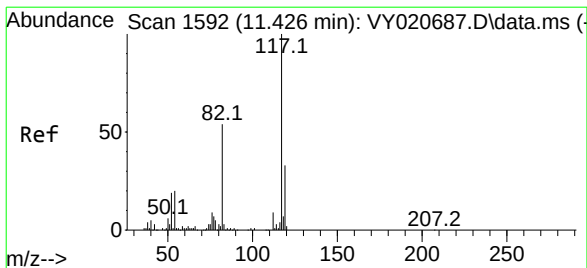
Ion Ratio Lower Upper

95 100

174 89.7 0.0 179.2

176 46.9 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY020771.D

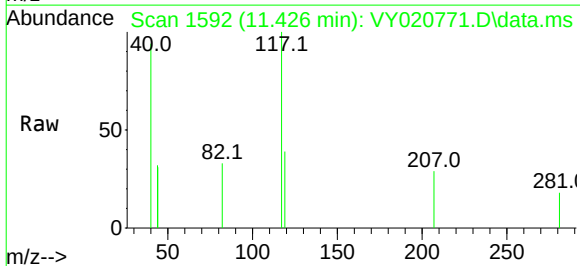
Acq: 03 Jan 2025 15:51

Instrument :

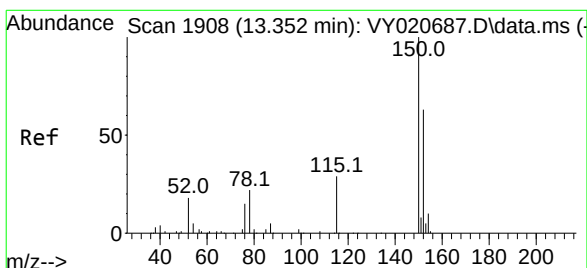
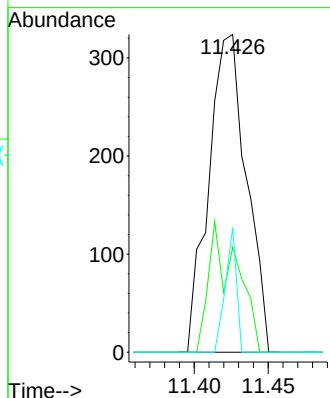
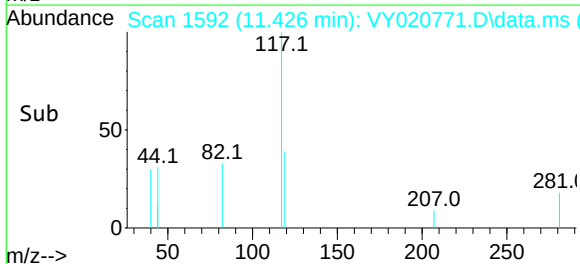
MSVOA_Y

ClientSampleId :

SU-03-1-03-2025RE



Tgt Ion:	117	Resp:	576
Ion	Ratio	Lower	Upper
117	100		
82	33.0	43.4	65.2#
119	39.2	26.6	39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.007 min

Lab File: VY020771.D

Acq: 03 Jan 2025 15:51

Tgt Ion:	152	Resp:	339
Ion	Ratio	Lower	Upper
152	100		
115	98.8	30.3	90.9#
150	180.8	0.0	349.0

