

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020944.D
 Acq On : 27 Jan 2025 13:02
 Operator : SY/MD
 Sample : Q1183-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-237

Quant Time: Jan 28 01:12:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	323650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	489803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	401287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	182759	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	133296	51.656	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.320%
35) Dibromofluoromethane	7.640	113	77312	27.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	54.980%
50) Toluene-d8	10.109	98	535799	49.125	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.414	95	166879	45.974	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	91.940%

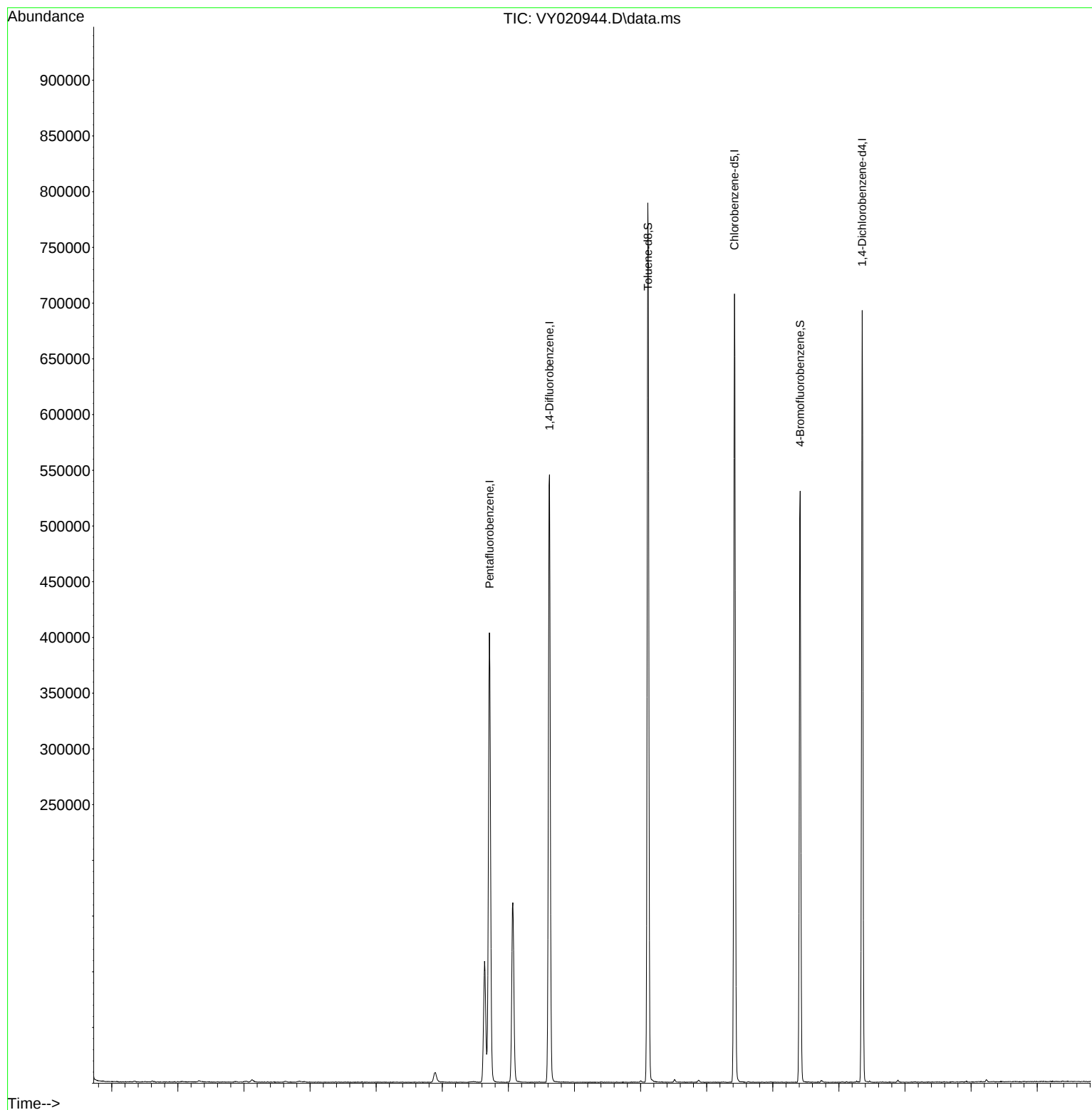
Target Compounds	Qvalue

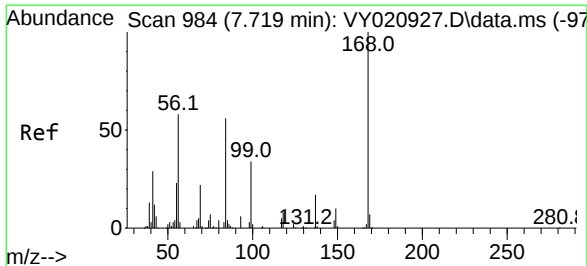
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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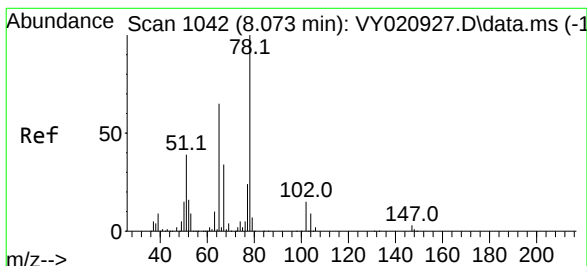
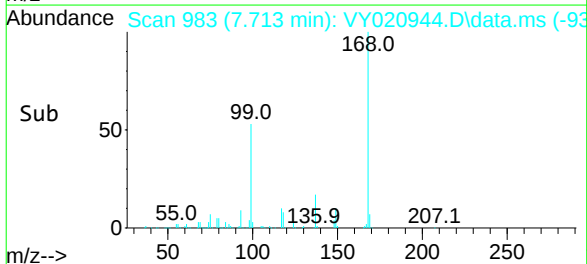
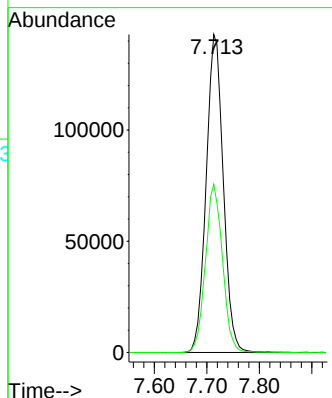
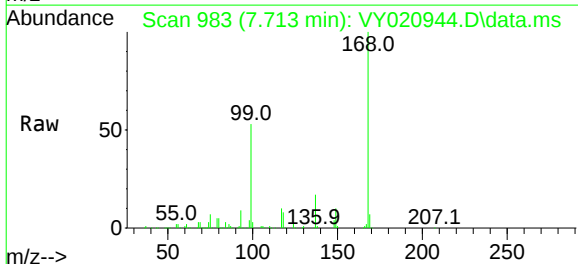




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.006 min
Lab File: VY020944.D
Acq: 27 Jan 2025 13:02

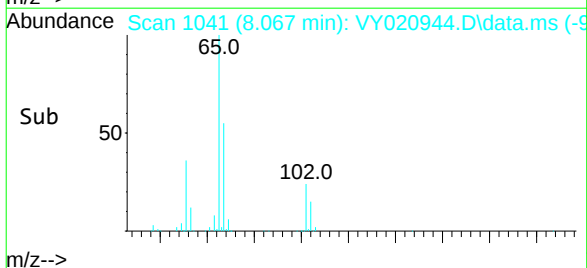
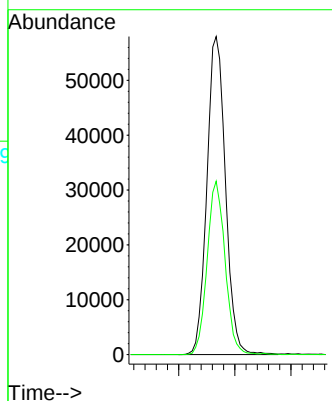
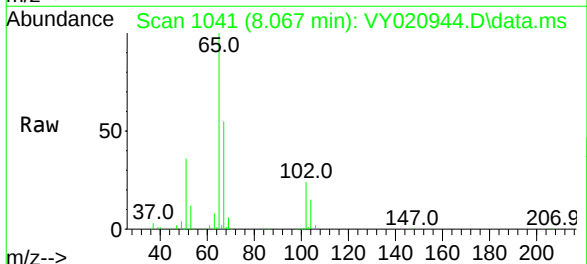
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-237

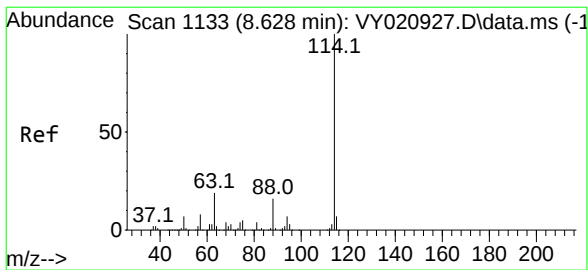
Tgt Ion:168 Resp: 323650
Ion Ratio Lower Upper
168 100
99 52.9 43.0 64.6



#33
1,2-Dichloroethane-d4
Concen: 51.656 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020944.D
Acq: 27 Jan 2025 13:02

Tgt Ion: 65 Resp: 133296
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020944.D

Acq: 27 Jan 2025 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-237

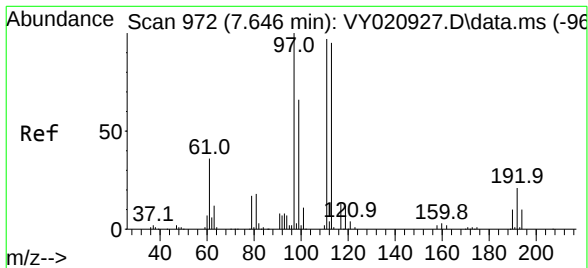
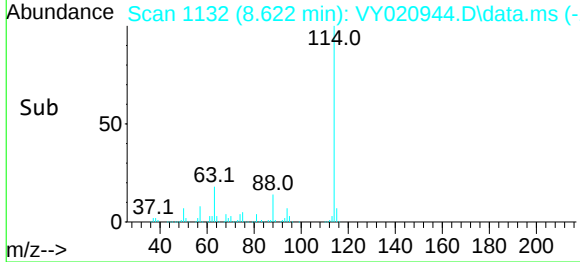
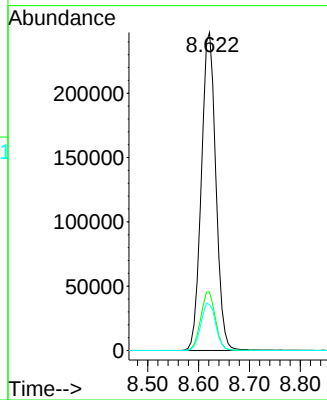
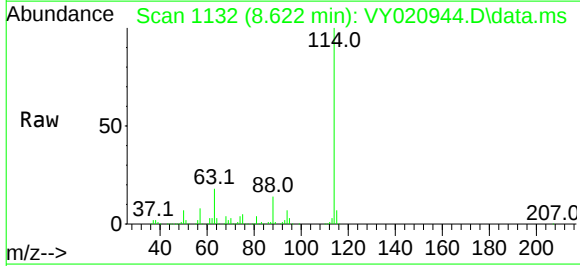
Tgt Ion:114 Resp: 489803

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

88 14.5 0.0 31.6



#35

Dibromofluoromethane

Concen: 27.495 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020944.D

Acq: 27 Jan 2025 13:02

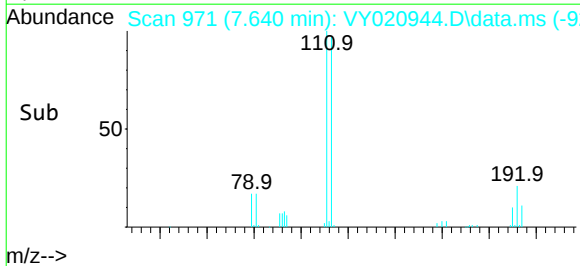
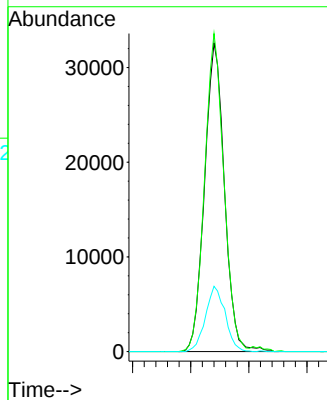
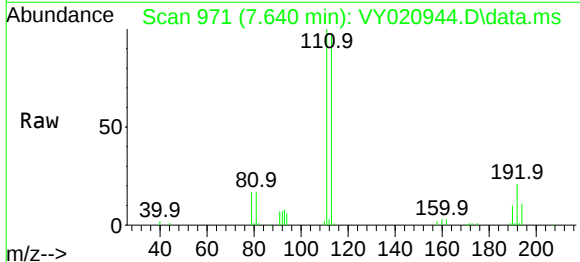
Tgt Ion:113 Resp: 77312

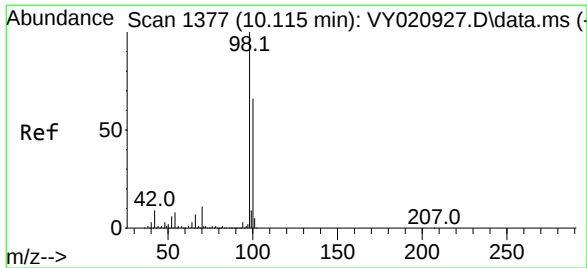
Ion Ratio Lower Upper

113 100

111 100.3 82.3 123.5

192 21.0 17.4 26.2





#50

Toluene-d8

Concen: 49.125 ug/l

RT: 10.109 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VY020944.D

Acq: 27 Jan 2025 13:02

Instrument :

MSVOA_Y

ClientSampleId :

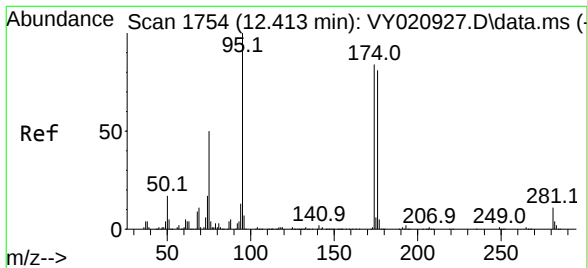
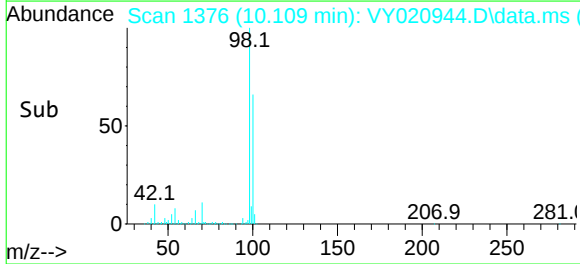
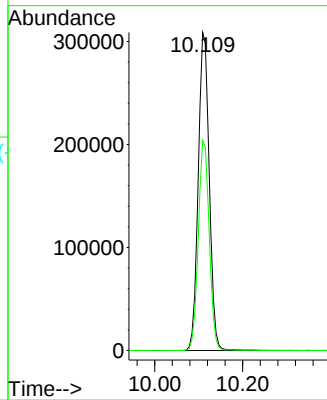
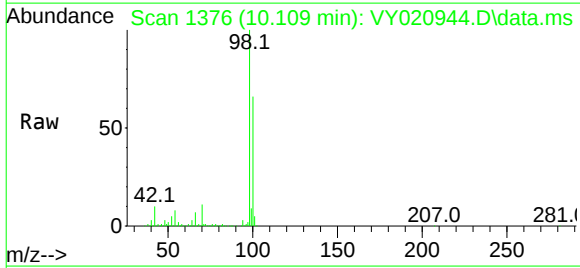
VNJ-237

Tgt Ion: 98 Resp: 535799

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 45.974 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.000 min

Lab File: VY020944.D

Acq: 27 Jan 2025 13:02

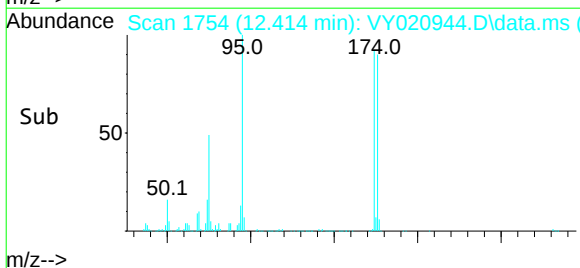
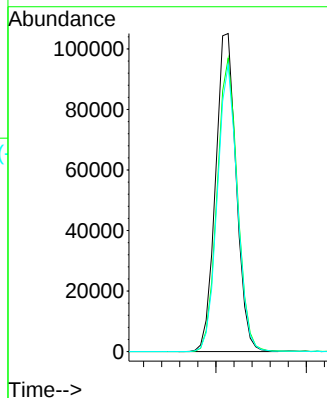
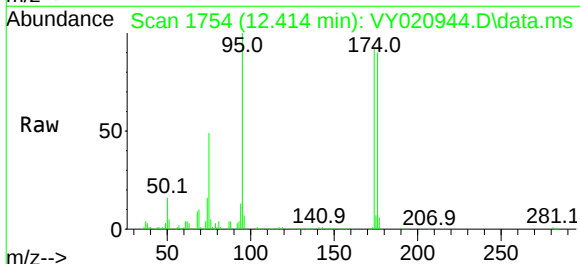
Tgt Ion: 95 Resp: 166879

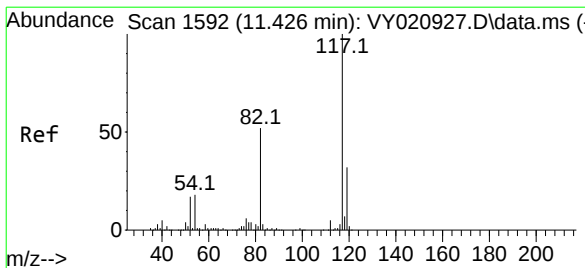
Ion Ratio Lower Upper

95 100

174 90.7 0.0 177.4

176 87.1 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020944.D

Acq: 27 Jan 2025 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-237

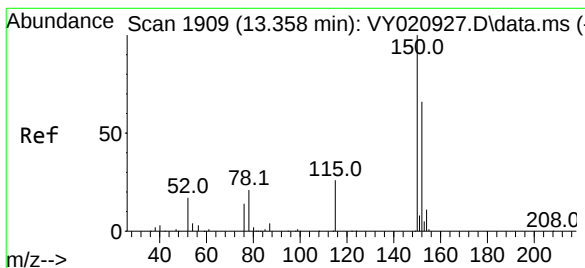
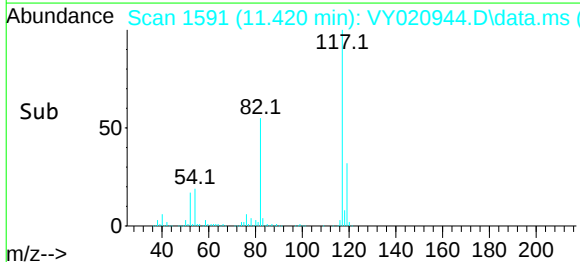
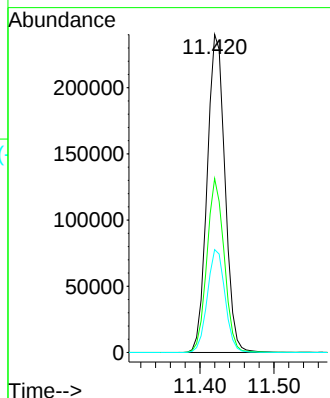
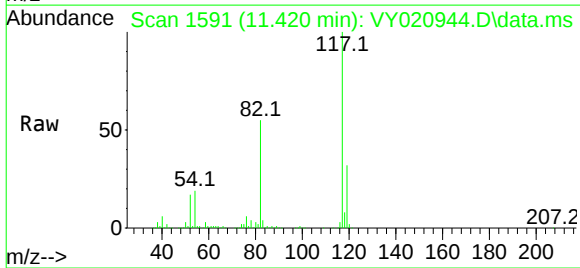
Tgt Ion:117 Resp: 401287

Ion	Ratio	Lower	Upper
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117	100		
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82	54.7	41.8	62.8
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119	32.3	26.0	39.0
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY020944.D

Acq: 27 Jan 2025 13:02

Tgt Ion:152 Resp: 182759

Ion	Ratio	Lower	Upper
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152	100		
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115	57.1	29.0	87.0
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150	156.5	0.0	347.6
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