

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021144.D
 Acq On : 07 Feb 2025 16:59
 Operator : SY/MD
 Sample : Q1287-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BAY-DRUMS-D

Quant Time: Feb 08 02:43:44 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	1733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	3496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	2396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	347	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	1731	97.488	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	194.980%#
35) Dibromofluoromethane	7.634	113	1429	63.781	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.560%
50) Toluene-d8	10.109	98	4049	47.470	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.940%
62) 4-Bromofluorobenzene	12.413	95	477	17.118	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	34.240%

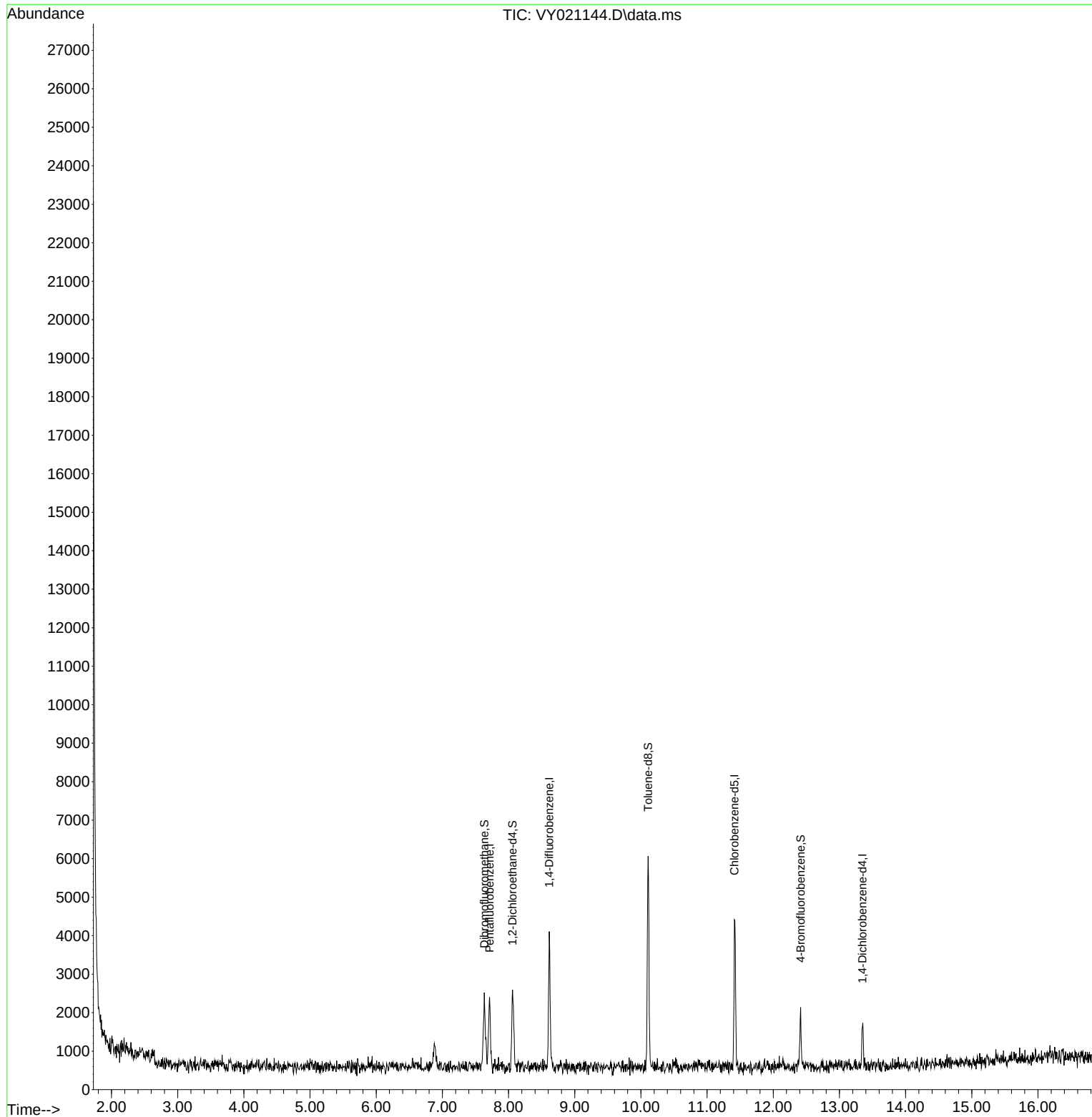
Target Compounds	Qvalue

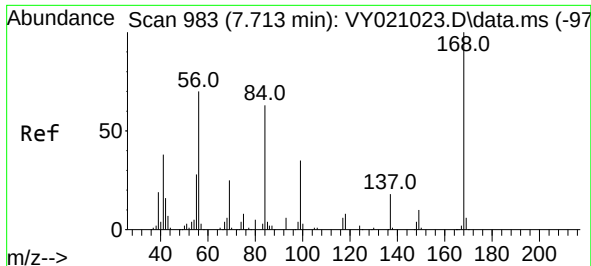
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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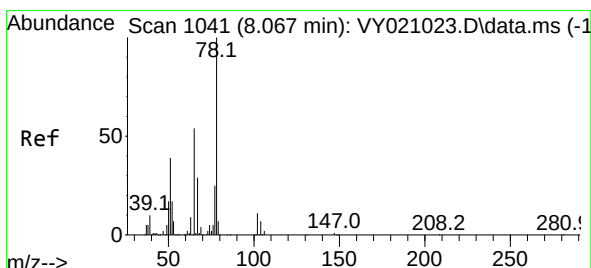
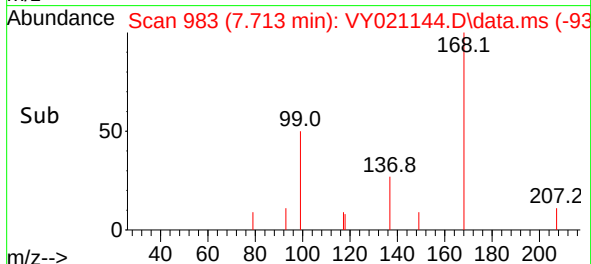
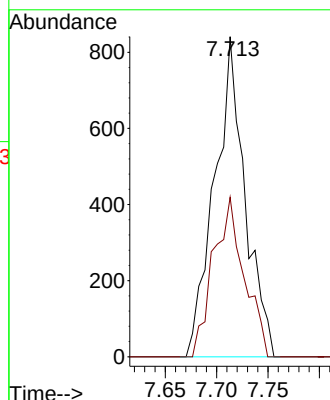
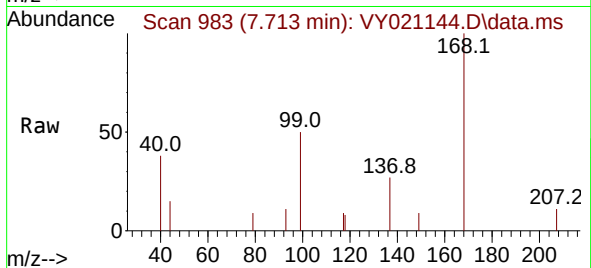




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021144.D
Acq: 07 Feb 2025 16:59

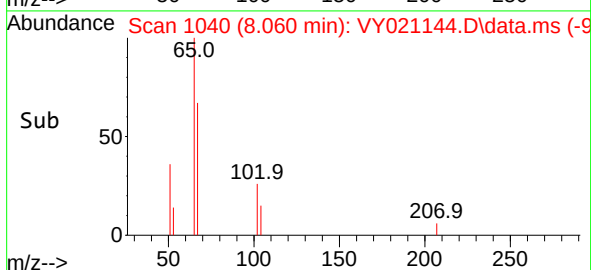
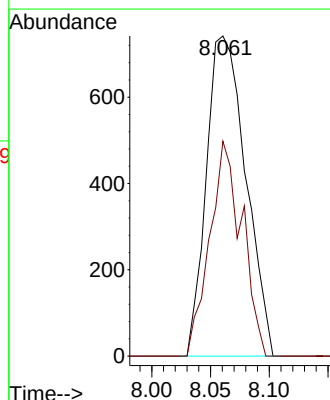
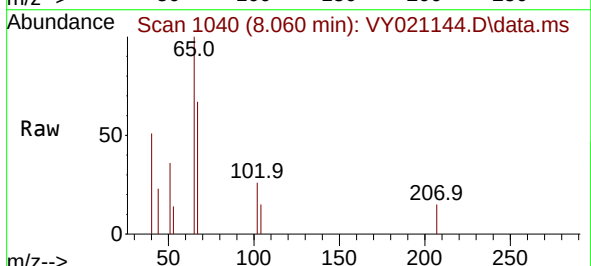
Instrument :
MSVOA_Y
ClientSampleId :
BAY-DRUMS-D

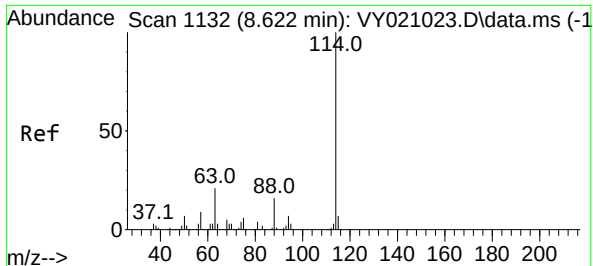
Tgt Ion:168 Resp: 1733
Ion Ratio Lower Upper
168 100
99 49.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 97.488 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.007 min
Lab File: VY021144.D
Acq: 07 Feb 2025 16:59

Tgt Ion: 65 Resp: 1731
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1132

Delta R.T. -0.007 min

Lab File: VY021144.D

Acq: 07 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

BAY-DRUMS-D

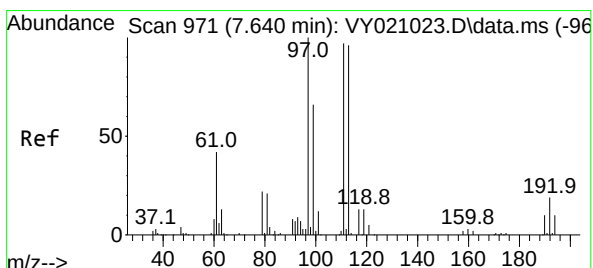
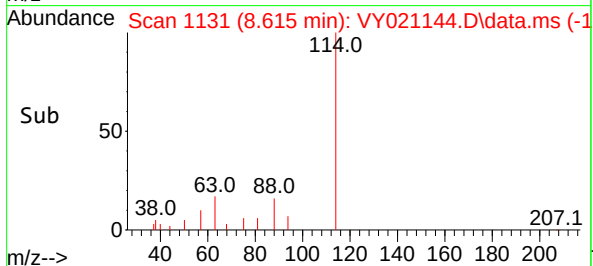
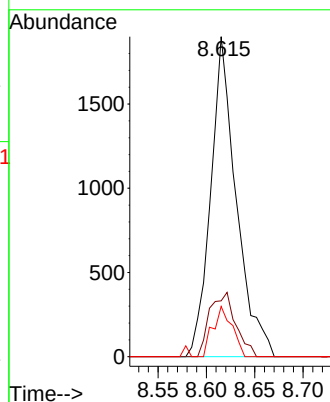
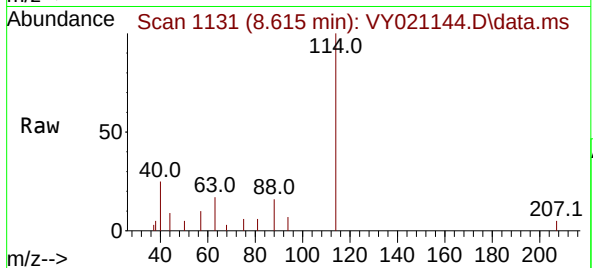
Tgt Ion:114 Resp: 3496

Ion Ratio Lower Upper

114 100

63 17.5 0.0 37.4

88 15.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 63.781 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.007 min

Lab File: VY021144.D

Acq: 07 Feb 2025 16:59

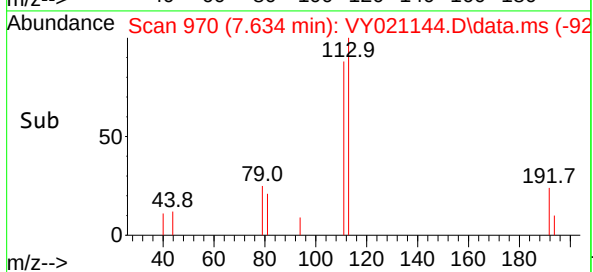
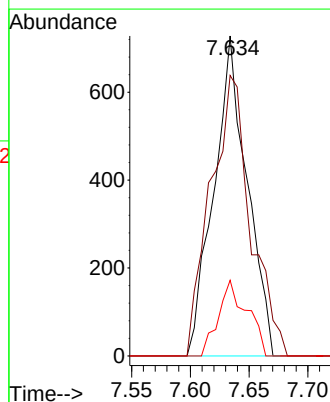
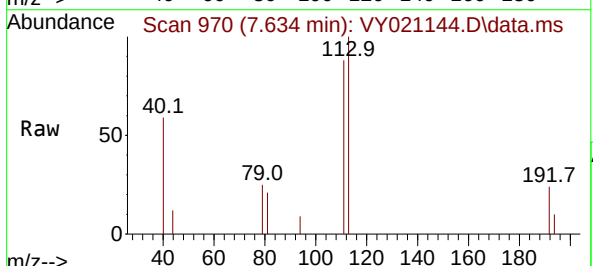
Tgt Ion:113 Resp: 1429

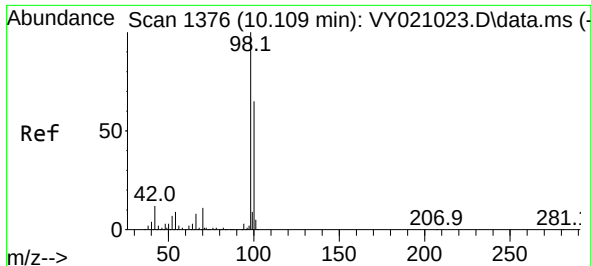
Ion Ratio Lower Upper

113 100

111 105.3 83.8 125.6

192 20.4 14.5 21.7

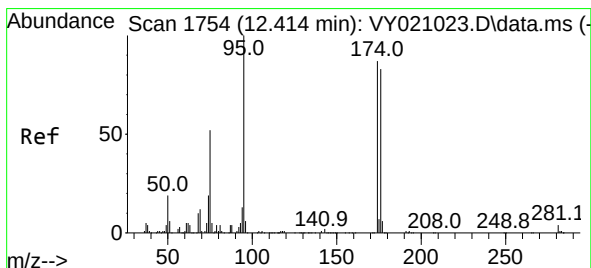
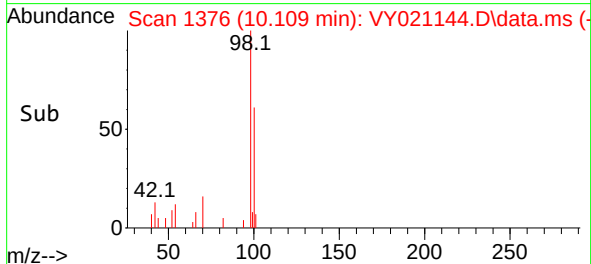
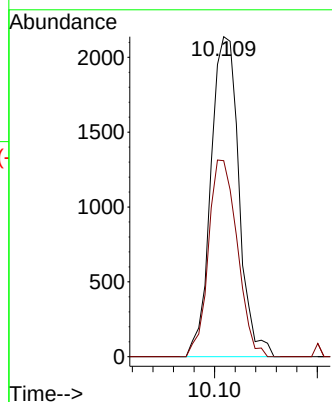
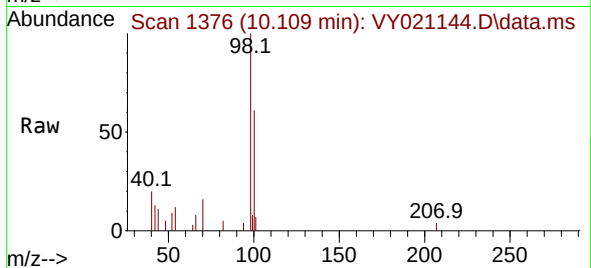




#50
Toluene-d8
Concen: 47.470 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021144.D
Acq: 07 Feb 2025 16:59

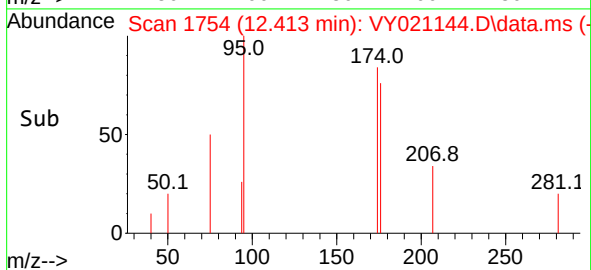
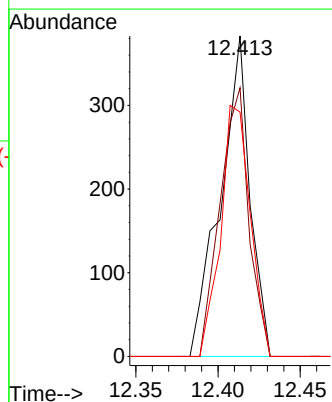
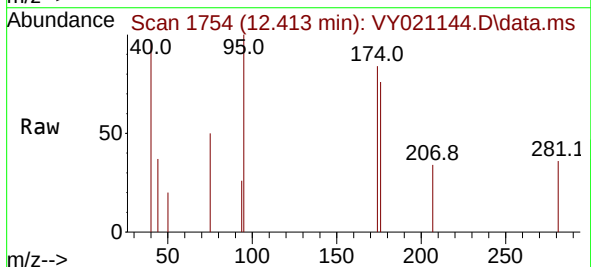
Instrument :
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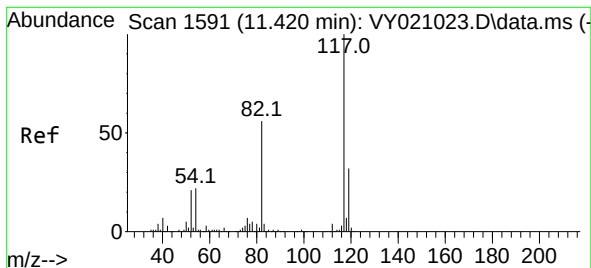
Tgt Ion: 98 Resp: 4049
Ion Ratio Lower Upper
98 100
100 63.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 17.118 ug/l
RT: 12.413 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021144.D
Acq: 07 Feb 2025 16:59

Tgt Ion: 95 Resp: 477
Ion Ratio Lower Upper
95 100
174 82.0 0.0 160.0
176 78.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.007 min

Lab File: VY021144.D

Acq: 07 Feb 2025 16:59

Instrument :

MSVOA_Y

ClientSampleId :

BAY-DRUMS-D

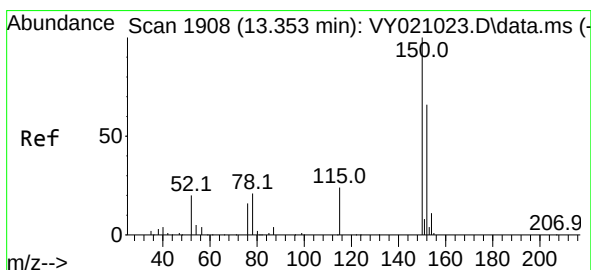
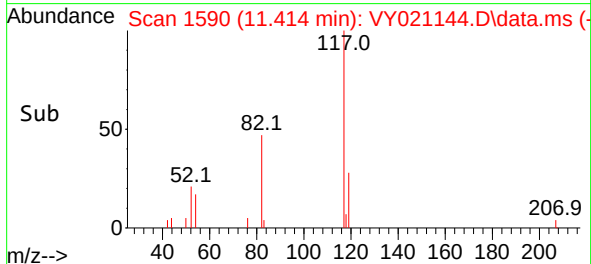
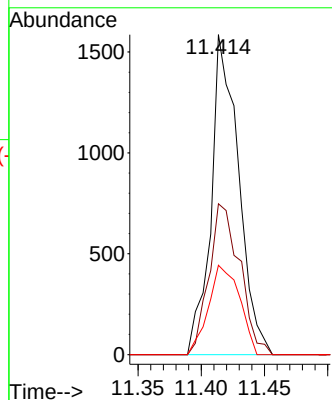
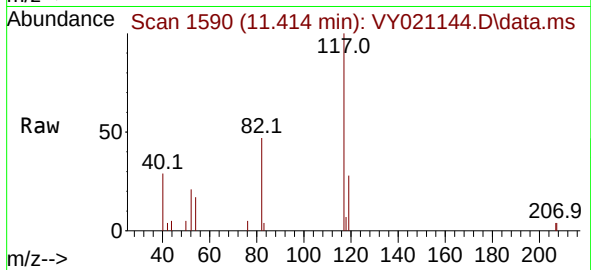
Tgt Ion:117 Resp: 2396

Ion Ratio Lower Upper

117 100

82 47.2 43.8 65.8

119 27.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.007 min

Lab File: VY021144.D

Acq: 07 Feb 2025 16:59

Tgt Ion:152 Resp: 347

Ion Ratio Lower Upper

152 100

115 81.6 30.0 90.0

150 185.3 0.0 344.6

