

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041725\
 Data File : VY021907.D
 Acq On : 17 Apr 2025 13:41
 Operator : SY/MD
 Sample : Q1818-03
 Misc : 5.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-3873

Quant Time: Apr 18 03:57:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	144087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	236207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	182413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	61233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	62784	40.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.440%
35) Dibromofluoromethane	7.628	113	76995	50.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.500%
50) Toluene-d8	10.103	98	274418	47.077	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.160%
62) 4-Bromofluorobenzene	12.408	95	64325	32.625	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	65.240%

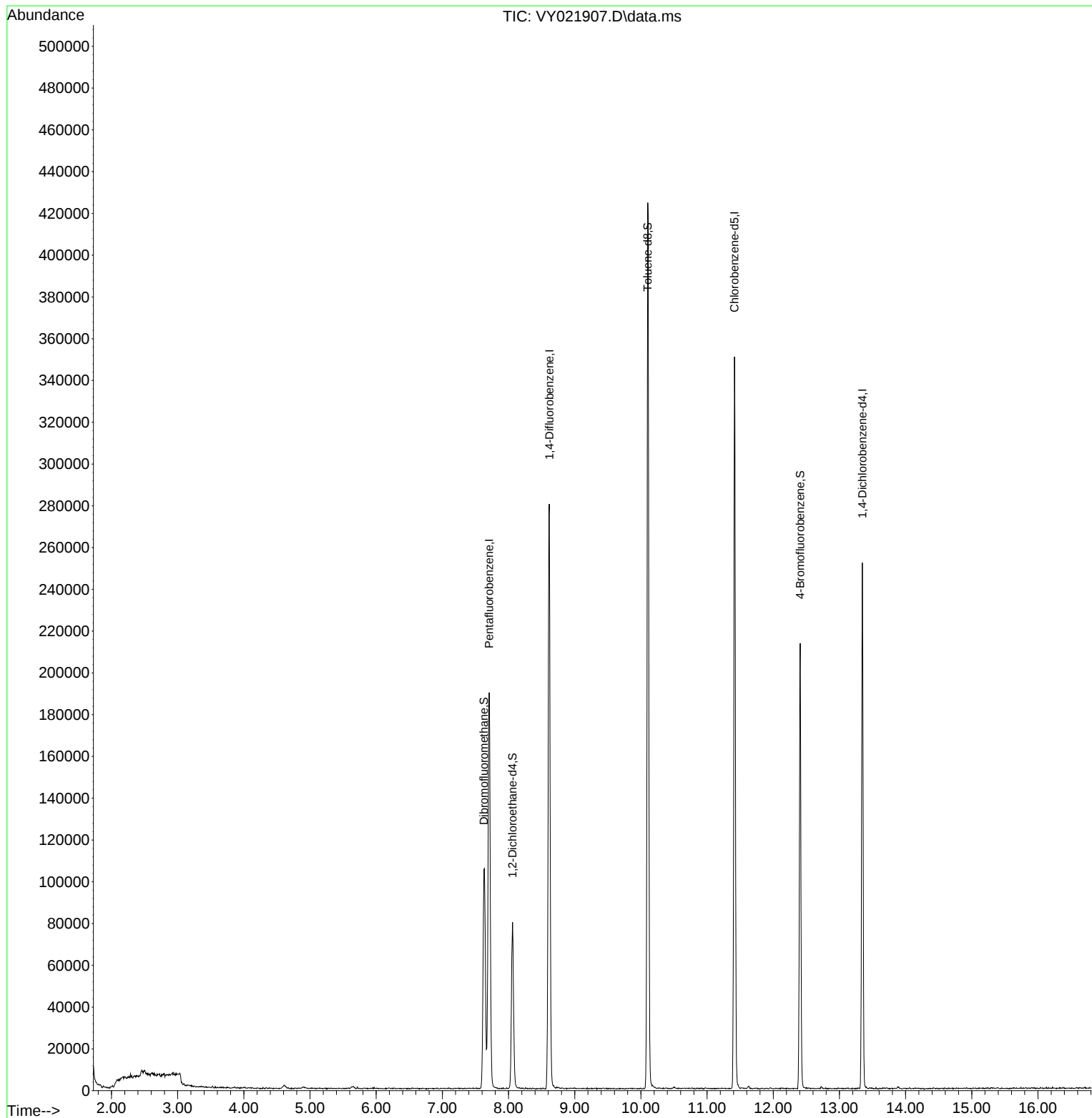
Target Compounds	Qvalue

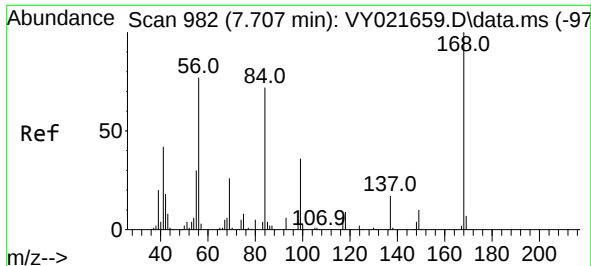
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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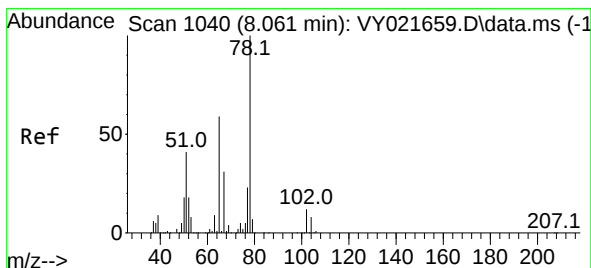
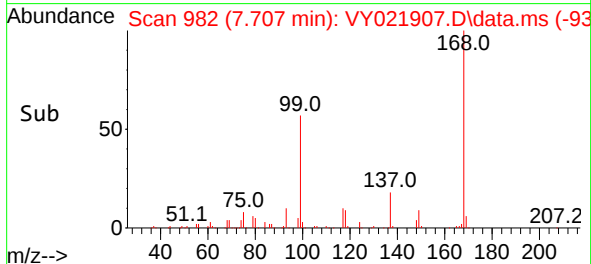
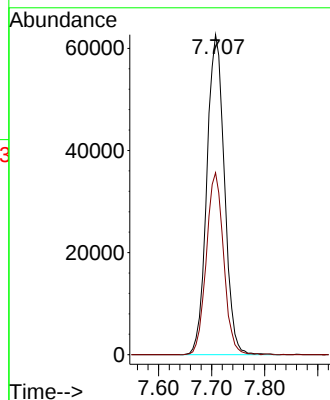
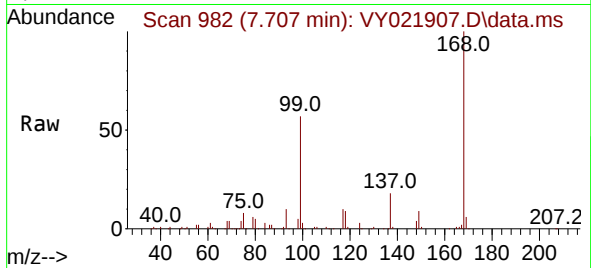




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021907.D
Acq: 17 Apr 2025 13:41

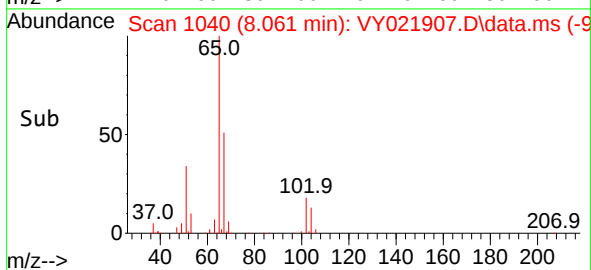
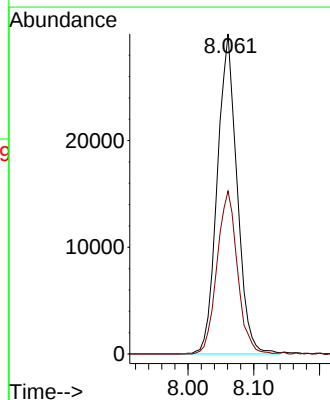
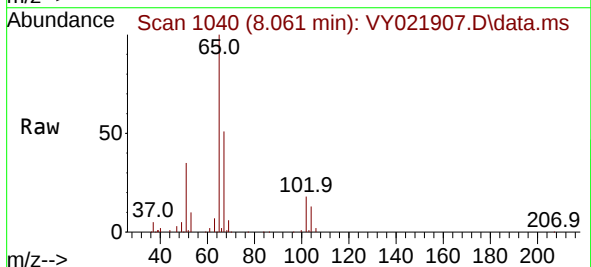
Instrument :
MSVOA_Y
ClientSampleId :
RT-3873

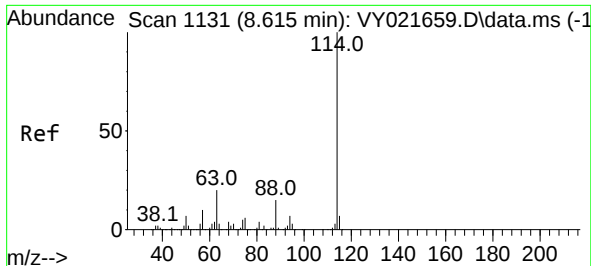
Tgt Ion:168 Resp: 144087
Ion Ratio Lower Upper
168 100
99 56.9 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 40.217 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021907.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 65 Resp: 62784
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6

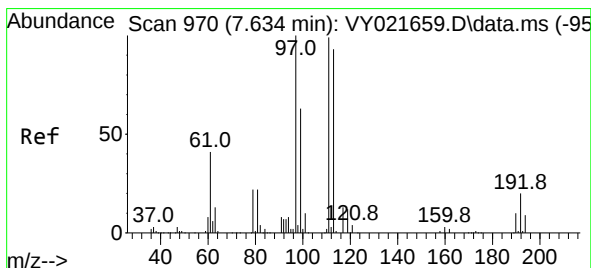
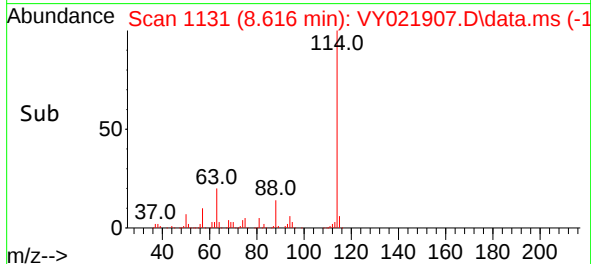
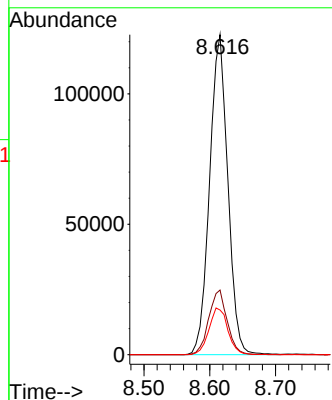
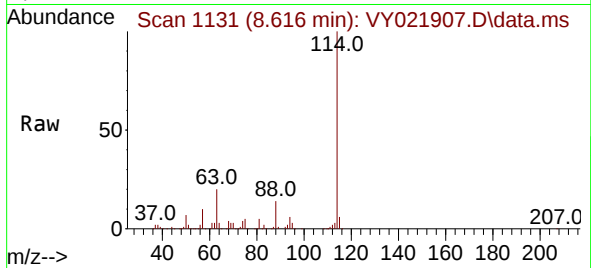




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021907.D
Acq: 17 Apr 2025 13:41

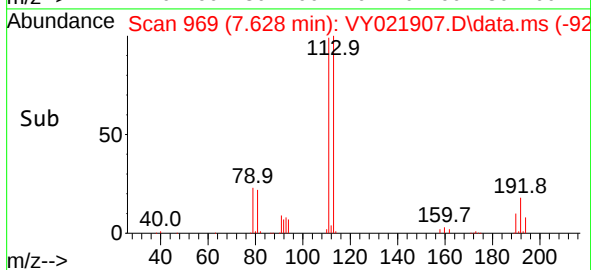
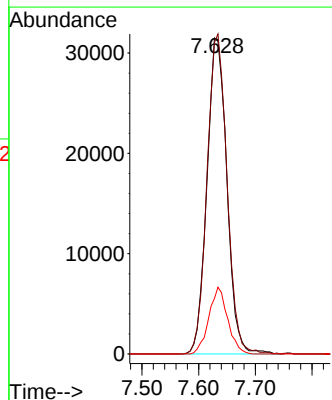
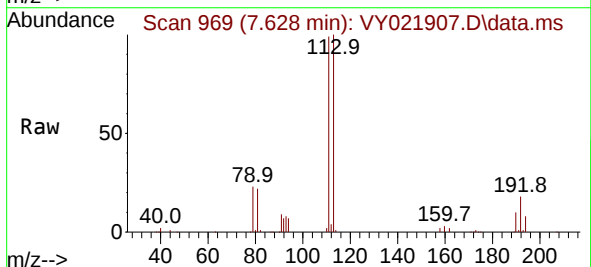
Instrument :
MSVOA_Y
ClientSampleId :
RT-3873

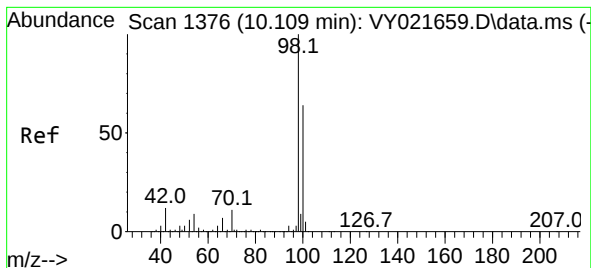
Tgt Ion:114 Resp: 236207
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.2
88 13.9 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.250 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY021907.D
Acq: 17 Apr 2025 13:41

Tgt Ion:113 Resp: 76995
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 19.9 16.2 24.4

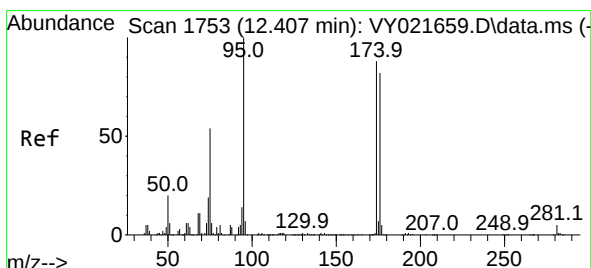
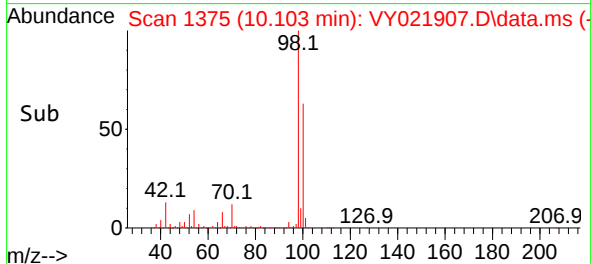
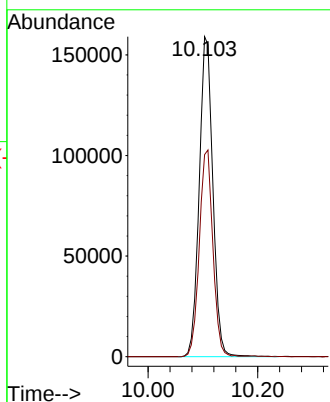
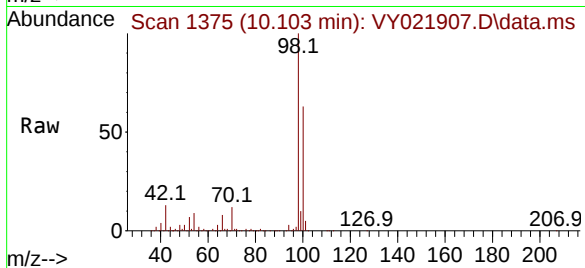




#50
Toluene-d8
Concen: 47.077 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY021907.D
Acq: 17 Apr 2025 13:41

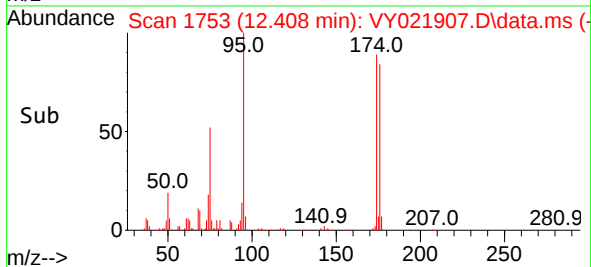
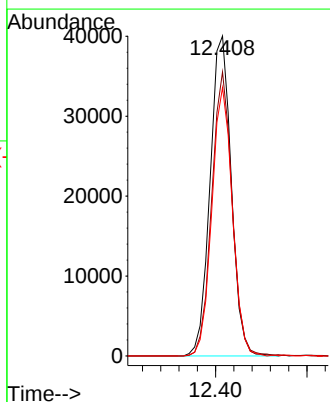
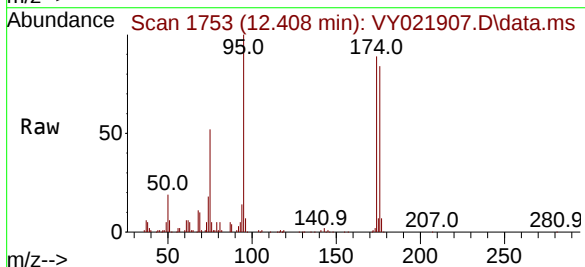
Instrument :
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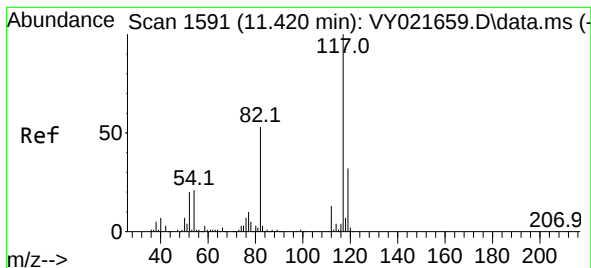
Tgt Ion: 98 Resp: 274418
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 32.625 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021907.D
Acq: 17 Apr 2025 13:41

Tgt Ion: 95 Resp: 64325
Ion Ratio Lower Upper
95 100
174 85.9 0.0 170.8
176 81.3 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021907.D

Acq: 17 Apr 2025 13:41

Instrument :

MSVOA_Y

ClientSampleId :

RT-3873

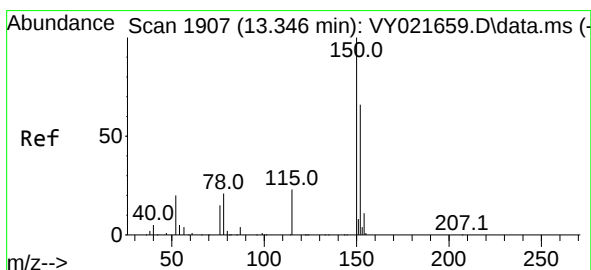
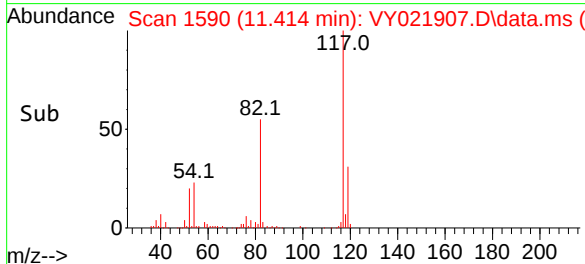
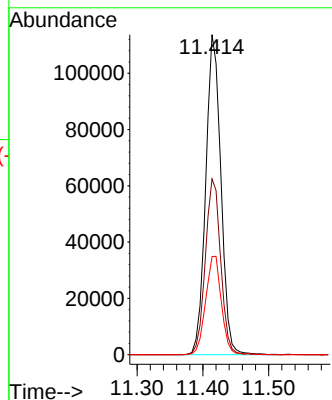
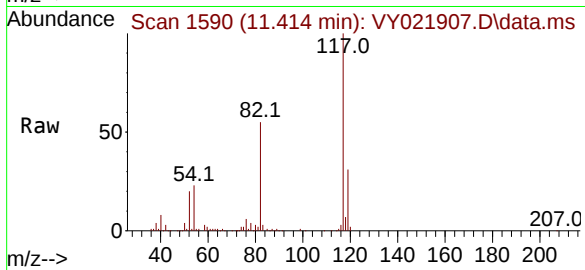
Tgt Ion:117 Resp: 182413

Ion Ratio Lower Upper

117 100

82 54.9 42.8 64.2

119 30.7 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021907.D

Acq: 17 Apr 2025 13:41

Tgt Ion:152 Resp: 61233

Ion Ratio Lower Upper

152 100

115 59.0 28.8 86.5

150 157.5 0.0 348.4

