

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019891.D
 Acq On : 14 Oct 2024 14:55
 Operator : SY/MD
 Sample : P4376-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-100924RE

Quant Time: Oct 15 01:37:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	60297	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	109658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	87969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	39983	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	36141	48.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.360%
35) Dibromofluoromethane	7.640	113	35089	48.491	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.980%
50) Toluene-d8	10.109	98	127150	47.582	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.402	95	37722	39.068	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	78.140%

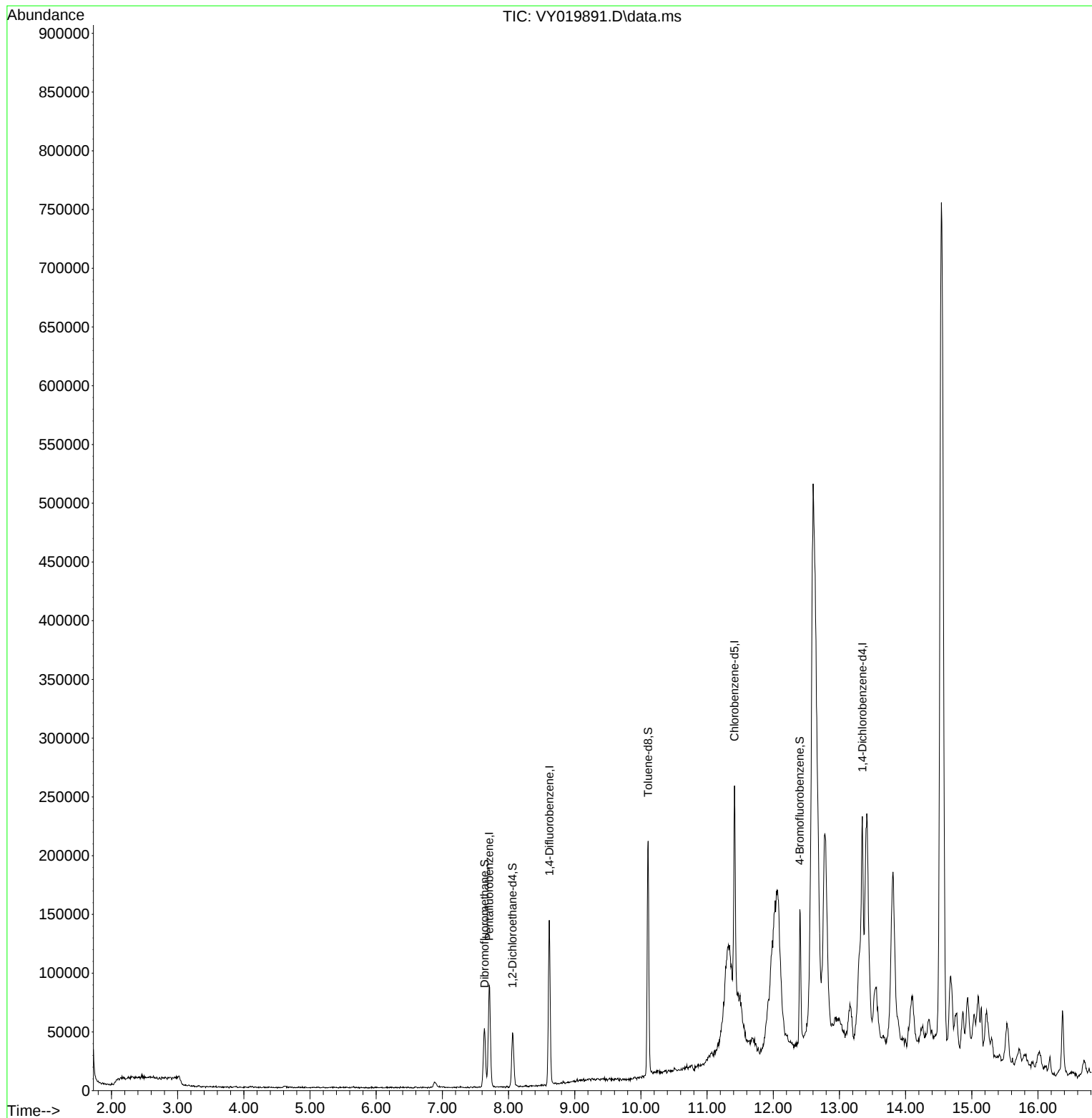
Target Compounds	Qvalue

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

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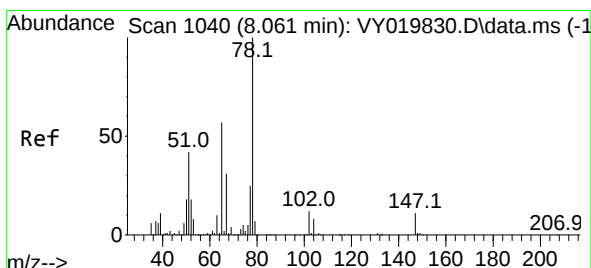
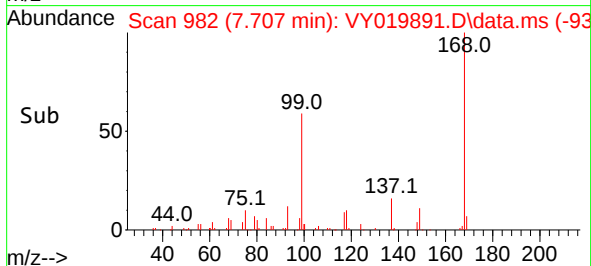
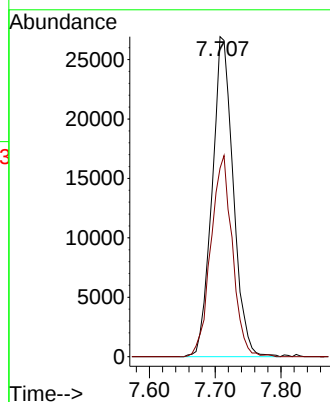
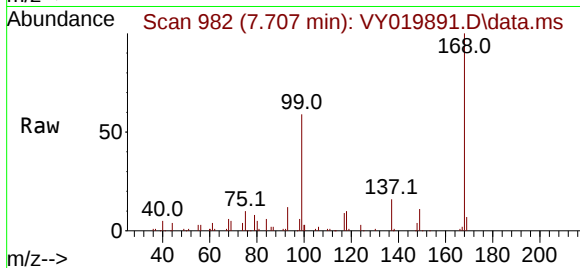




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019891.D
Acq: 14 Oct 2024 14:55

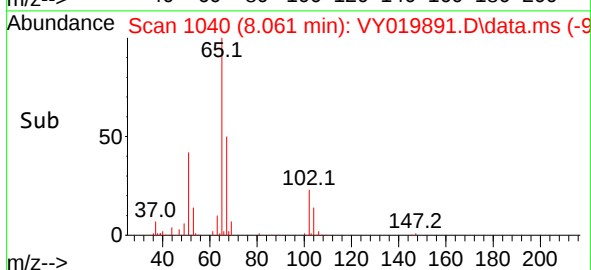
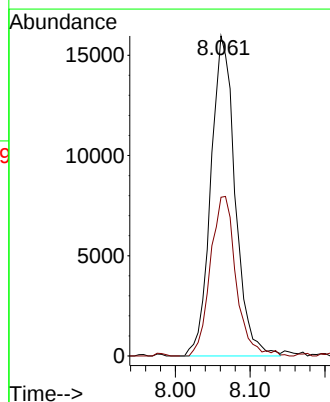
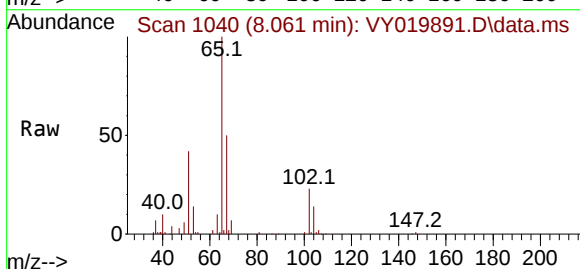
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-100924RE

Tgt Ion:168 Resp: 60297
Ion Ratio Lower Upper
168 100
99 58.9 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 48.679 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019891.D
Acq: 14 Oct 2024 14:55

Tgt Ion: 65 Resp: 36141
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6

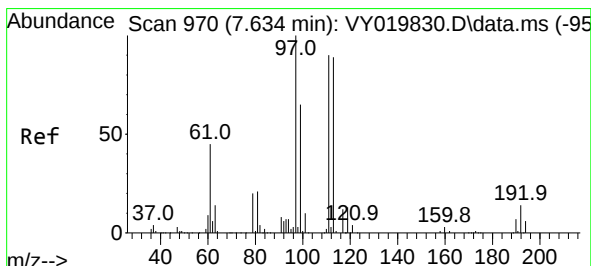
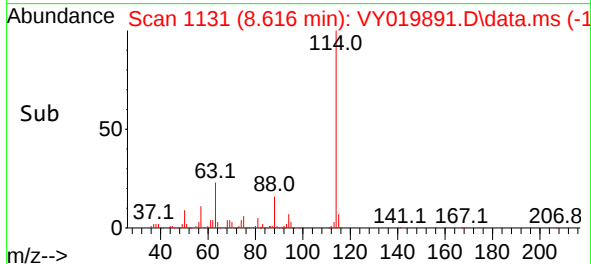
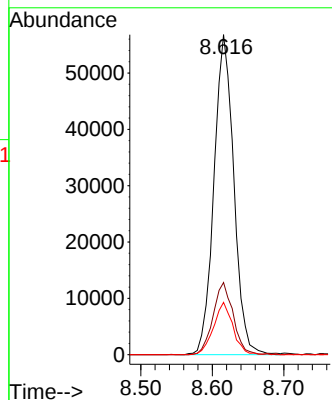
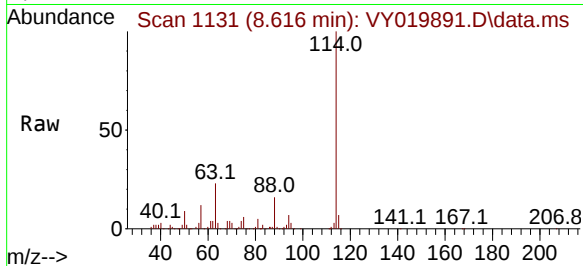




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019891.D
Acq: 14 Oct 2024 14:55

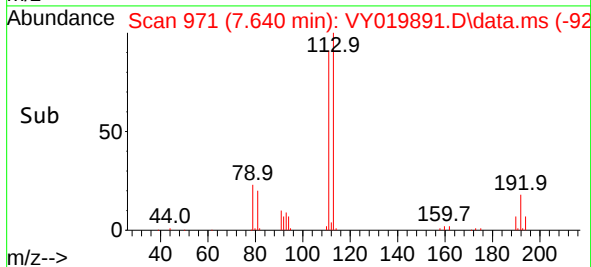
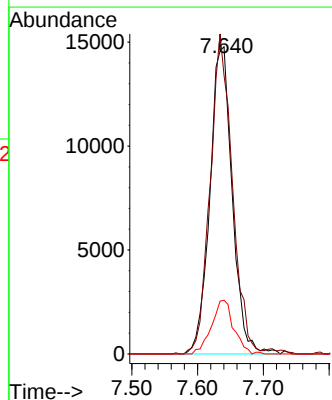
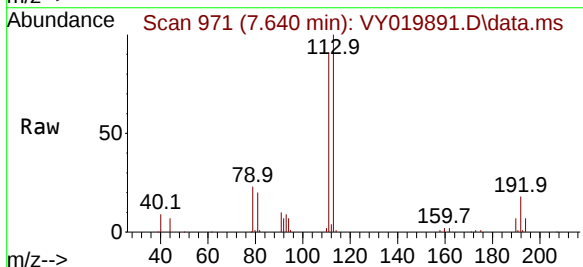
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-100924RE

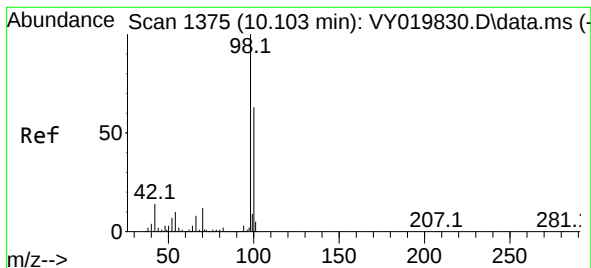
Tgt Ion:114 Resp: 109658
Ion Ratio Lower Upper
114 100
63 22.6 0.0 35.0
88 16.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.491 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY019891.D
Acq: 14 Oct 2024 14:55

Tgt Ion:113 Resp: 35089
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 17.3 15.9 23.9

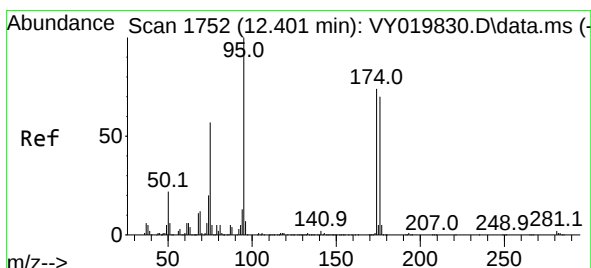
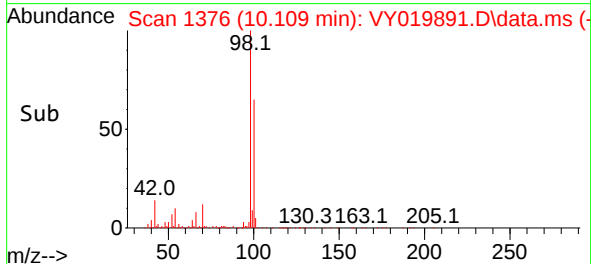
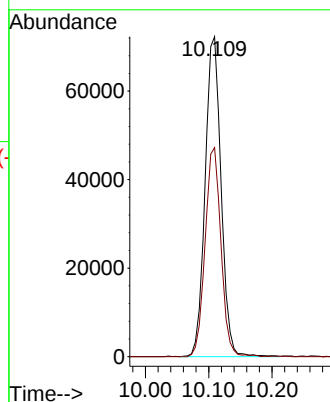
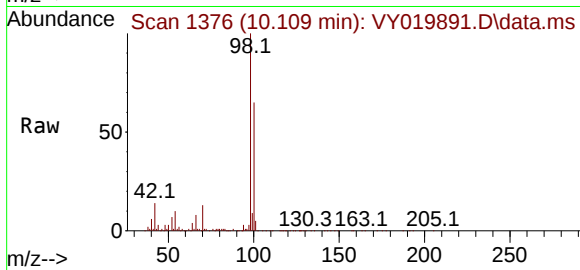




#50
Toluene-d8
Concen: 47.582 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019891.D
Acq: 14 Oct 2024 14:55

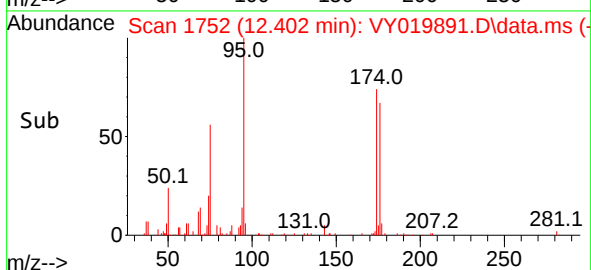
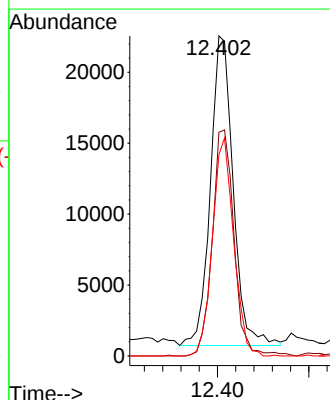
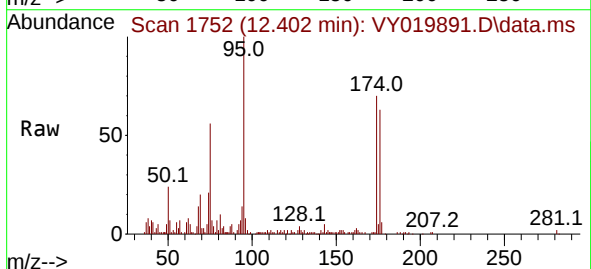
Instrument :
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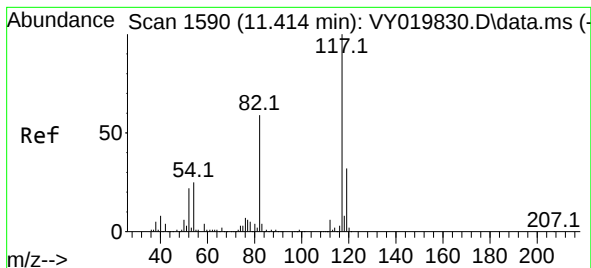
Tgt Ion: 98 Resp: 127150
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.068 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019891.D
Acq: 14 Oct 2024 14:55

Tgt Ion: 95 Resp: 37722
Ion Ratio Lower Upper
95 100
174 69.5 0.0 175.6
176 65.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019891.D

Acq: 14 Oct 2024 14:55

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-100924RE

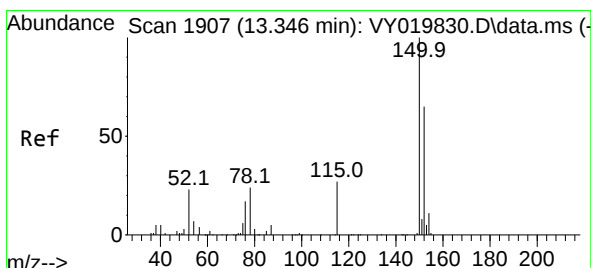
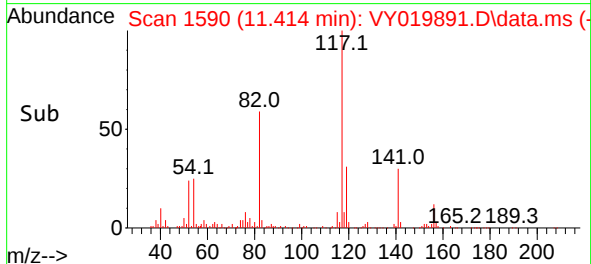
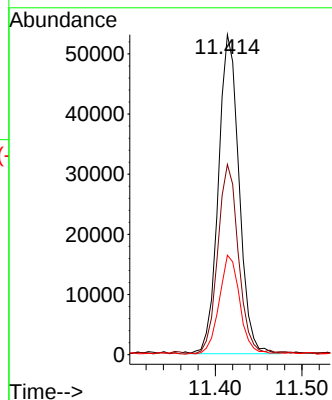
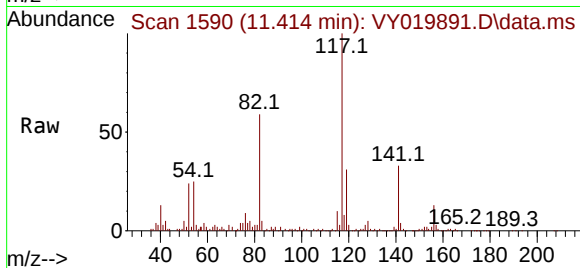
Tgt Ion:117 Resp: 87969

Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

119 30.9 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019891.D

Acq: 14 Oct 2024 14:55

Tgt Ion:152 Resp: 39983

Ion Ratio Lower Upper

152 100

115 112.4 28.2 84.7#

150 111.8 0.0 345.6

