

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
 Data File : VY021365.D
 Acq On : 27 Feb 2025 17:55
 Operator : SY/MD
 Sample : Q1440-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-022625

Quant Time: Feb 28 00:43:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 26 02:09:13 2025
 Response via : Initial Calibration

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

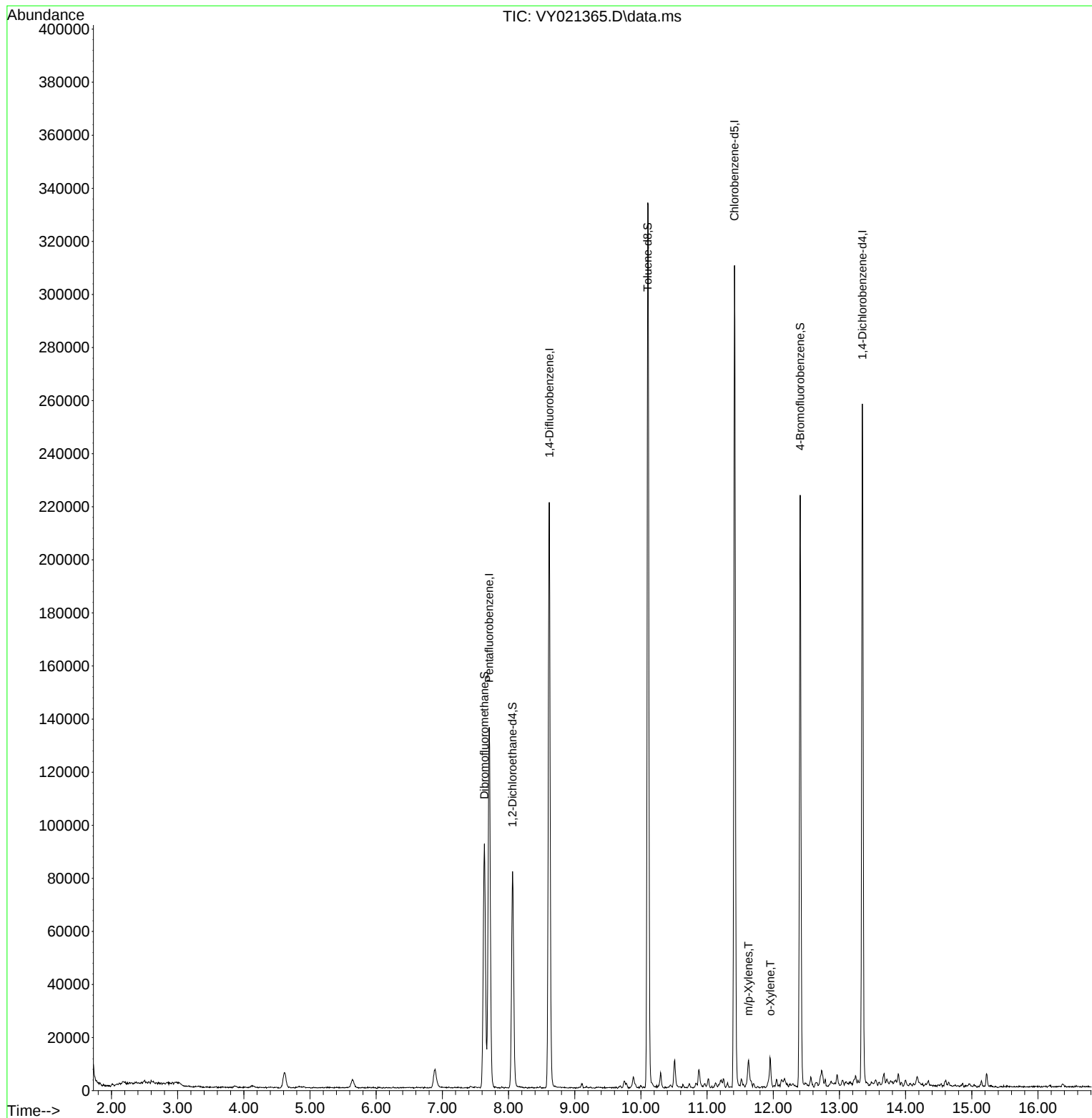
Internal Standards						
1) Pentafluorobenzene	7.707	168	103498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	181592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	160154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	62344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66087	56.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.580%
35) Dibromofluoromethane	7.634	113	63459	53.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.600%
50) Toluene-d8	10.103	98	217316	47.231	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.460%
62) 4-Bromofluorobenzene	12.408	95	64934	41.934	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.860%
Target Compounds						
68) m/p-Xylenes	11.627	106	2930	1.223	ug/l	96
69) o-Xylene	11.957	106	2622	1.169	ug/l	94

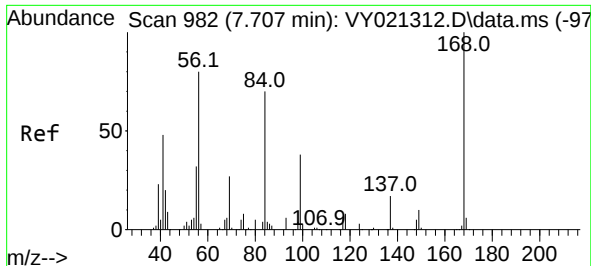
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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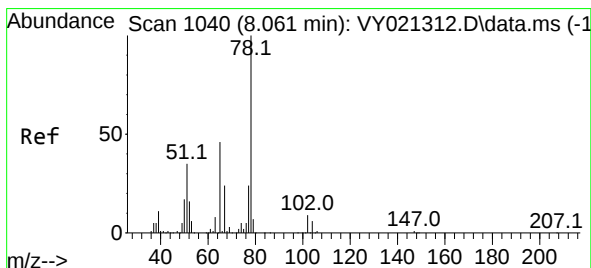
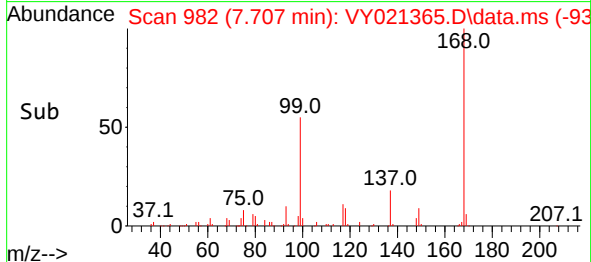
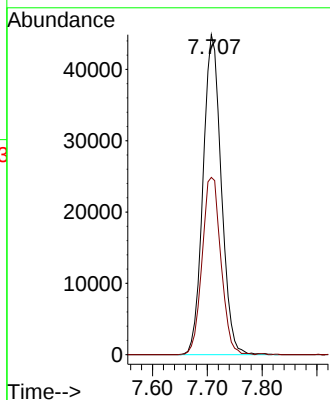
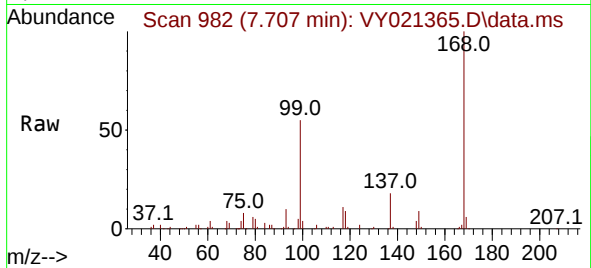




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021365.D
Acq: 27 Feb 2025 17:55

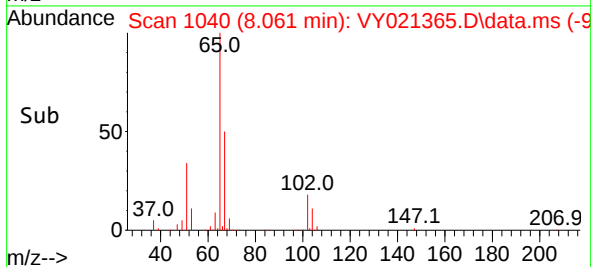
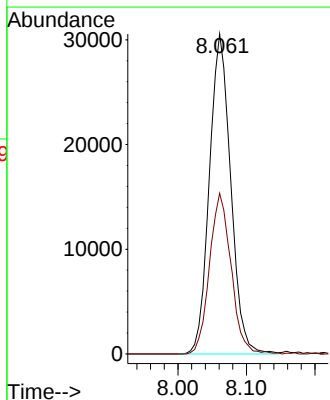
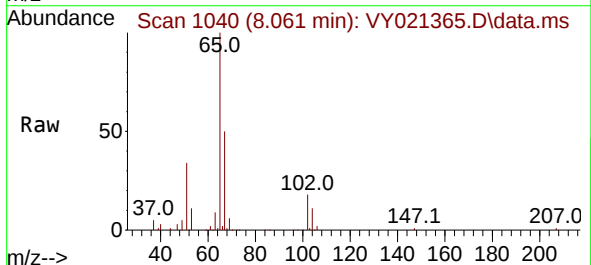
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-022625

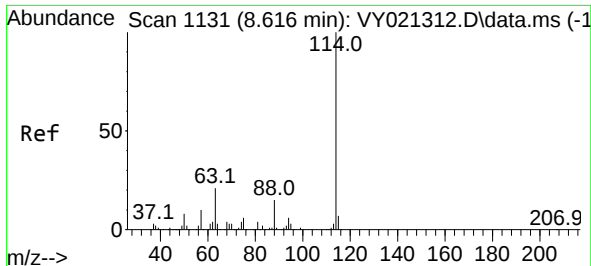
Tgt Ion:168 Resp: 103498
Ion Ratio Lower Upper
168 100
99 55.4 47.1 70.7



#33
1,2-Dichloroethane-d4
Concen: 56.288 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021365.D
Acq: 27 Feb 2025 17:55

Tgt Ion: 65 Resp: 66087
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021365.D

Acq: 27 Feb 2025 17:55

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-022625

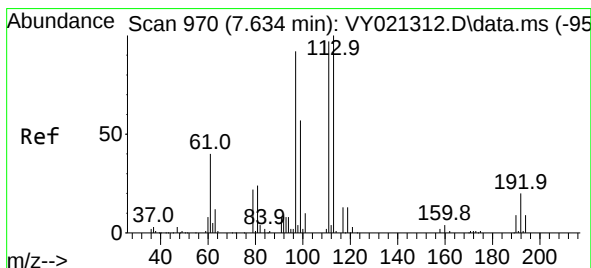
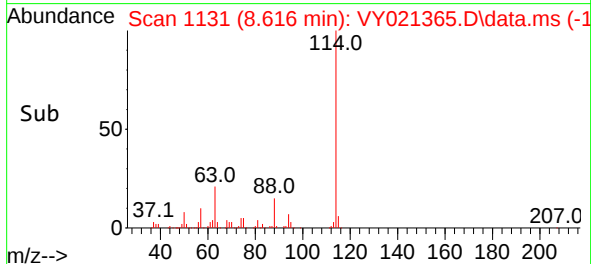
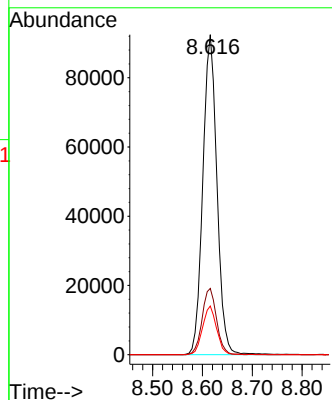
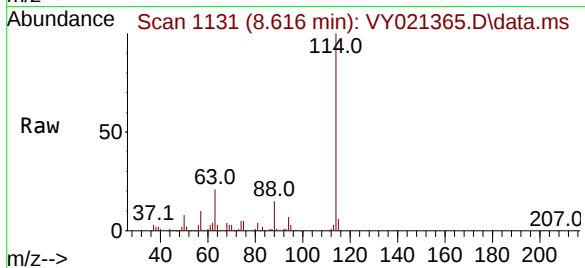
Tgt Ion:114 Resp: 181592

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 15.2 0.0 29.8



#35

Dibromofluoromethane

Concen: 53.303 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021365.D

Acq: 27 Feb 2025 17:55

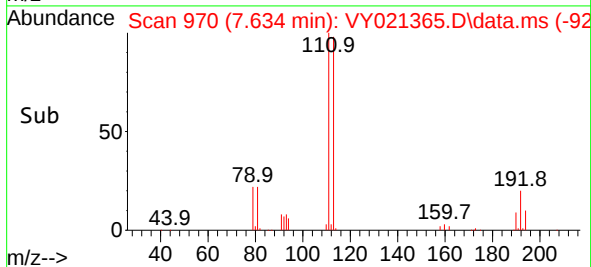
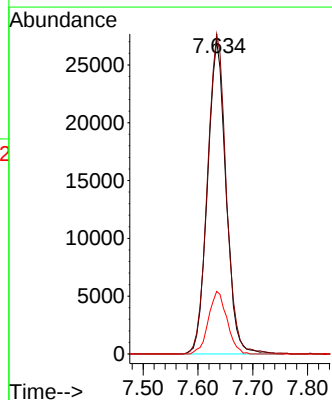
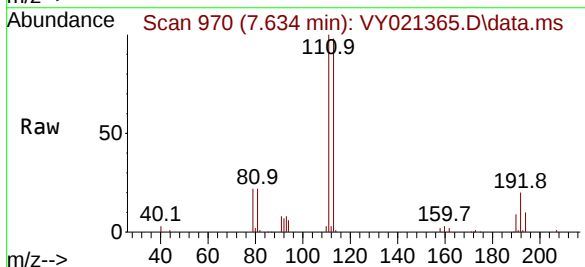
Tgt Ion:113 Resp: 63459

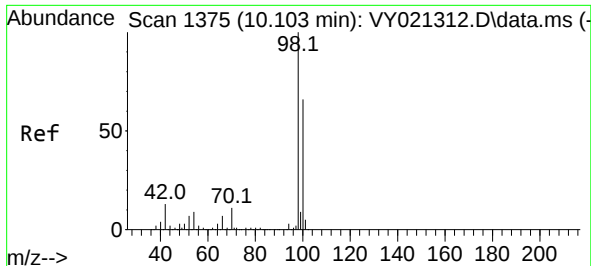
Ion Ratio Lower Upper

113 100

111 103.6 81.0 121.6

192 20.0 15.8 23.8

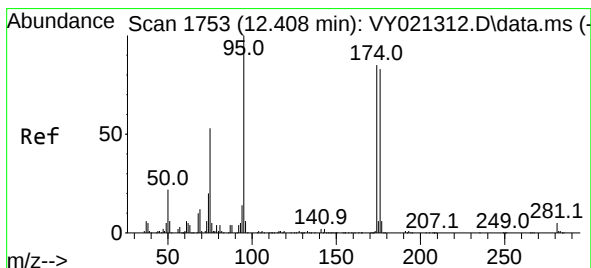
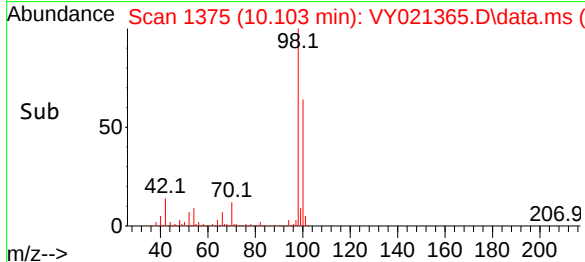
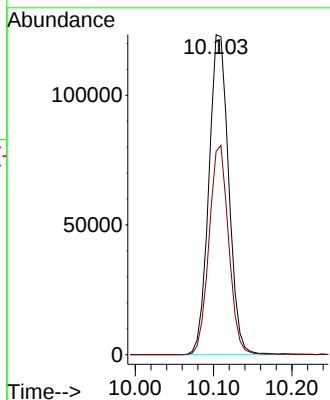
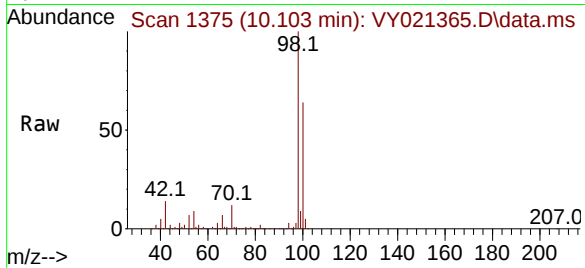




#50
Toluene-d8
Concen: 47.231 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021365.D
Acq: 27 Feb 2025 17:55

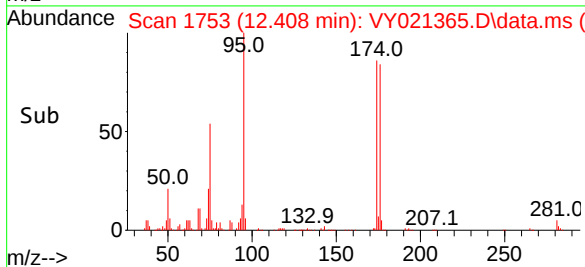
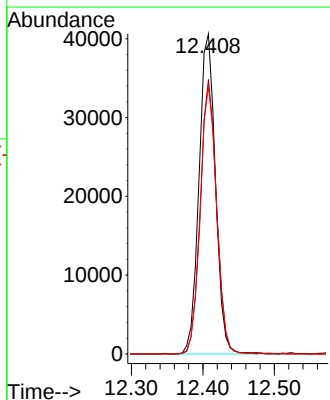
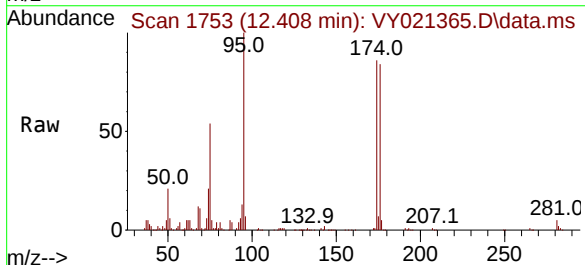
Instrument :
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OR-02-022625

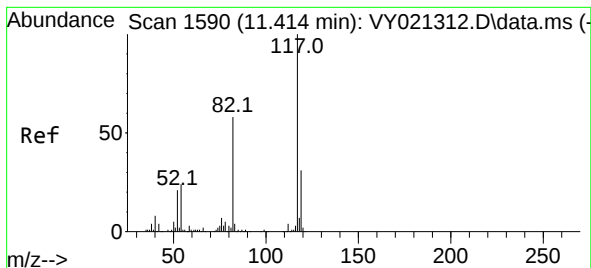
Tgt Ion: 98 Resp: 217316
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.934 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021365.D
Acq: 27 Feb 2025 17:55

Tgt Ion: 95 Resp: 64934
Ion Ratio Lower Upper
95 100
174 84.7 0.0 168.0
176 83.4 0.0 162.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY021365.D

Acq: 27 Feb 2025 17:55

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-022625

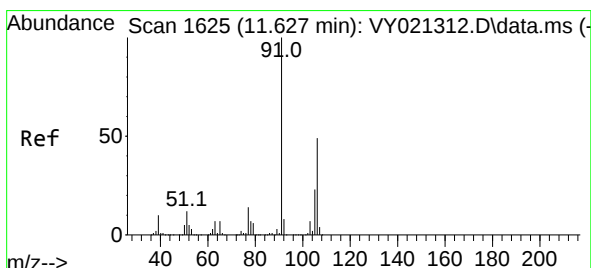
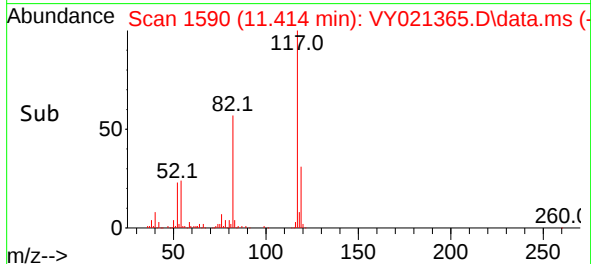
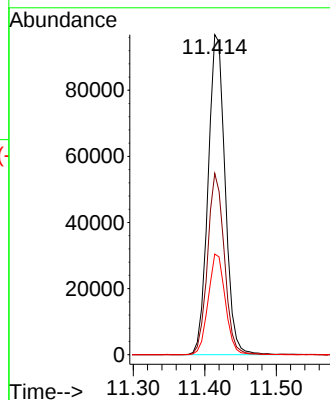
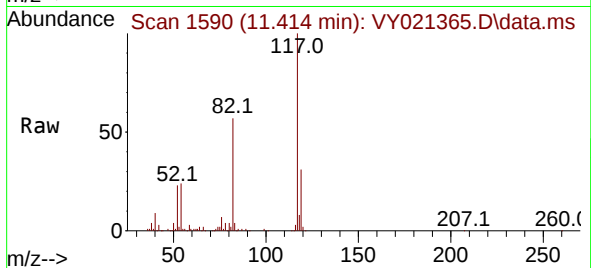
Tgt Ion:117 Resp: 160154

Ion Ratio Lower Upper

117 100

82 56.7 46.2 69.4

119 31.5 24.9 37.3



#68

m/p-Xylenes

Concen: 1.223 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021365.D

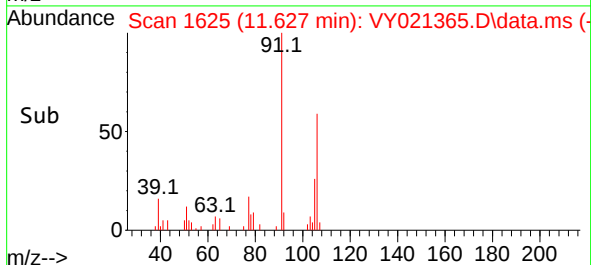
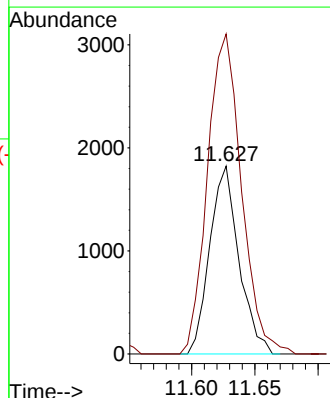
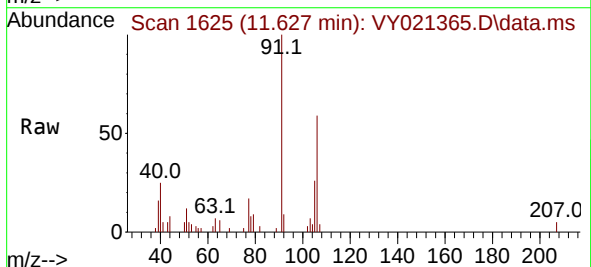
Acq: 27 Feb 2025 17:55

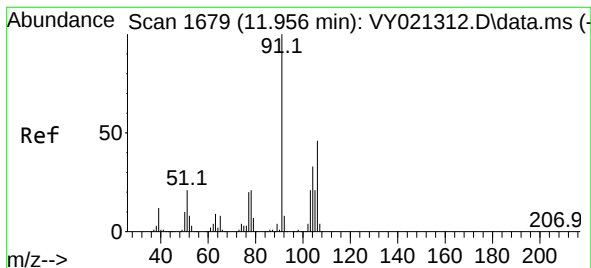
Tgt Ion:106 Resp: 2930

Ion Ratio Lower Upper

106 100

91 198.1 163.9 245.9





#69

o-Xylene

Concen: 1.169 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021365.D

Acq: 27 Feb 2025 17:55

Instrument :

MSVOA_Y

ClientSampleId :

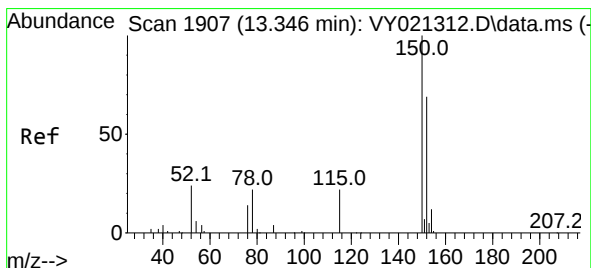
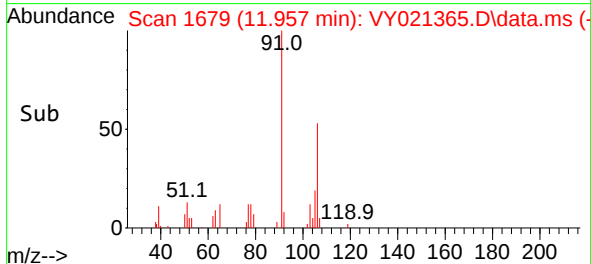
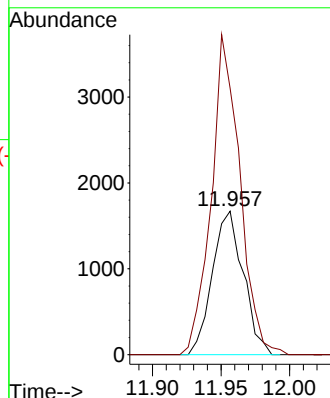
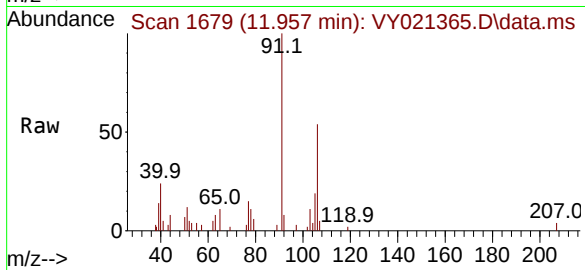
OR-02-022625

Tgt Ion:106 Resp: 2622

Ion Ratio Lower Upper

106 100

91 206.7 108.1 324.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021365.D

Acq: 27 Feb 2025 17:55

Tgt Ion:152 Resp: 62344

Ion Ratio Lower Upper

152 100

115 58.8 29.3 88.0

150 155.7 0.0 347.4

