

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122624\
 Data File : VY020722.D
 Acq On : 26 Dec 2024 17:15
 Operator : SY/MD
 Sample : P5316-03
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TT-304-IDWSO-20241217-3

Quant Time: Dec 27 00:34:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

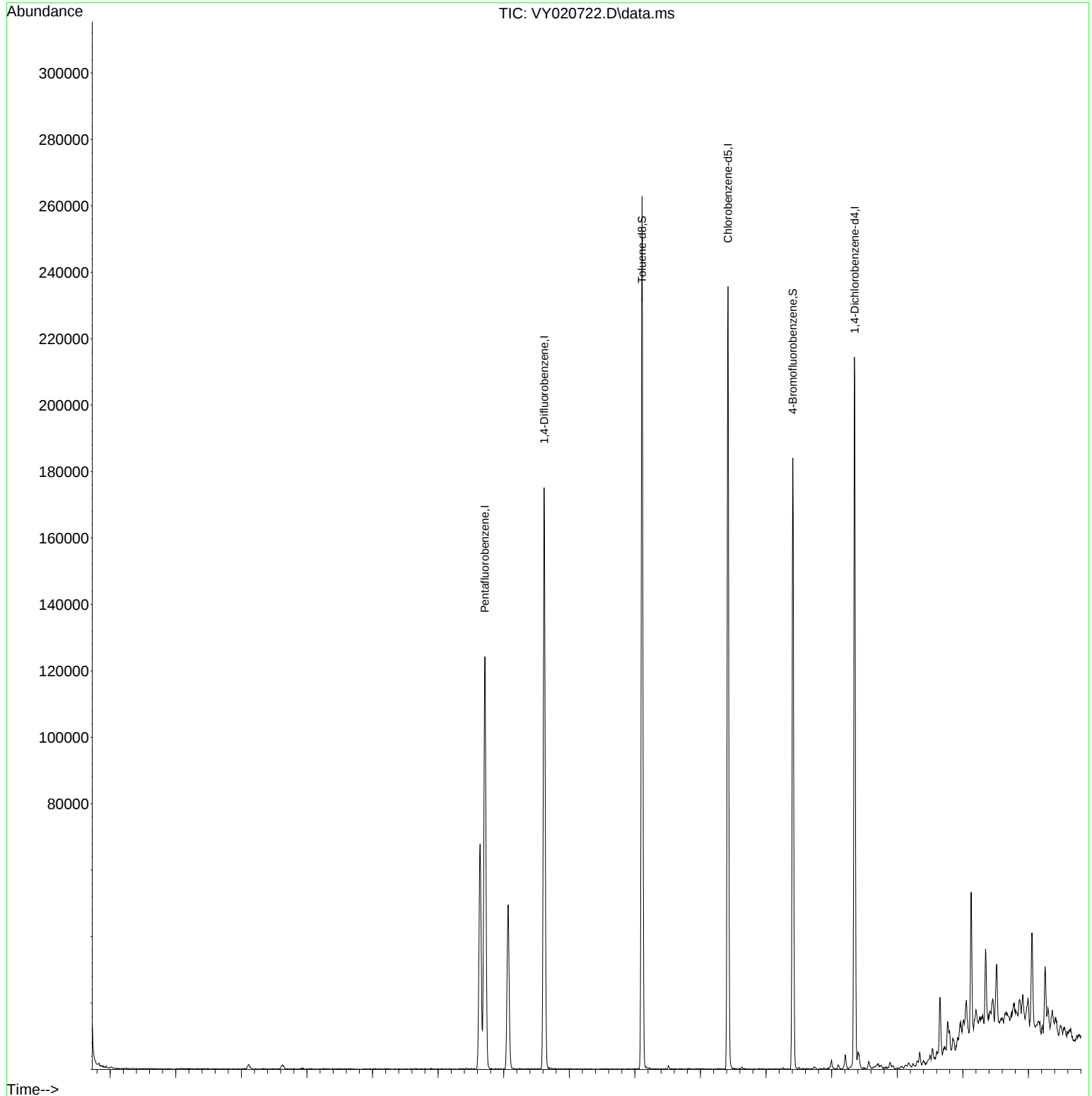
Internal Standards						
1) Pentafluorobenzene	7.713	168	95048	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	149227	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	128468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	55512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	43540	55.926	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.860%
35) Dibromofluoromethane	7.640	113	44935	54.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.340%
50) Toluene-d8	10.109	98	172379	52.643	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.280%
62) 4-Bromofluorobenzene	12.408	95	53781	49.234	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.460%
Target Compounds						
17) Carbon Disulfide	4.104	76	2504	1.571	ug/l	Qvalue 96

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

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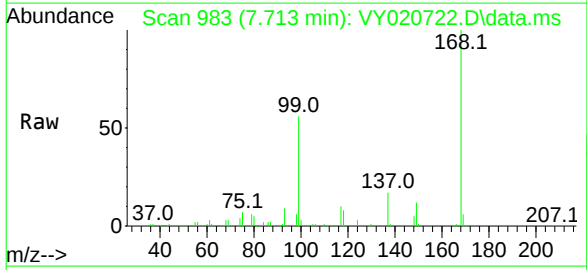
Quant Time: Dec 27 00:34:50 2024
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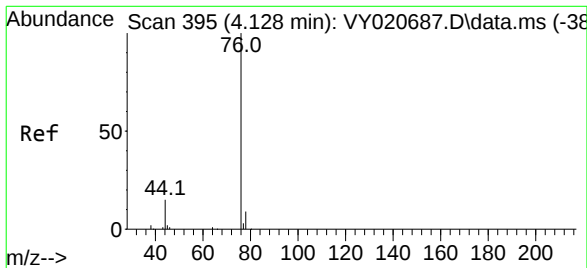
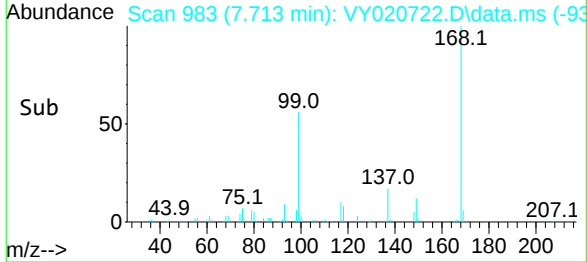
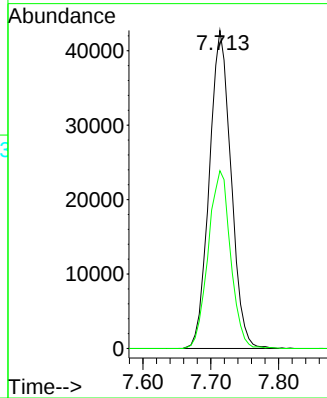


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 98
Delta R.T. -0.012 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

Instrument :
MSVOA_Y
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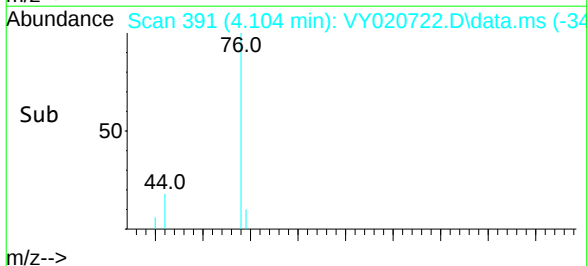
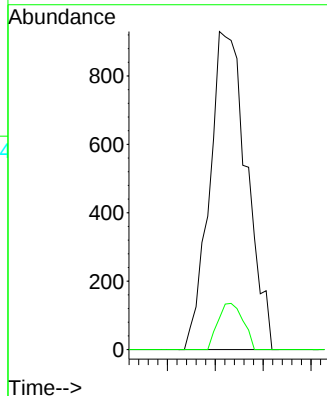
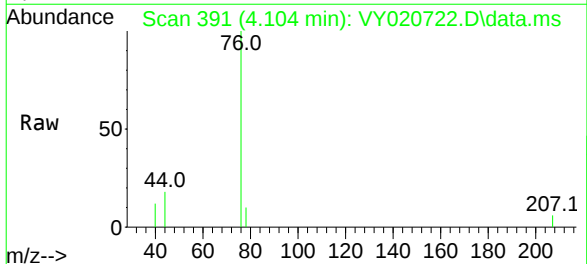


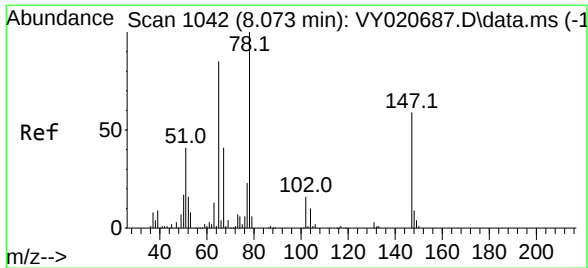
Tgt Ion:168 Resp: 95048
Ion Ratio Lower Upper
168 100
99 55.9 43.8 65.6



#17
Carbon Disulfide
Concen: 1.571 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.024 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

Tgt Ion: 76 Resp: 2504
Ion Ratio Lower Upper
76 100
78 9.9 6.9 10.3

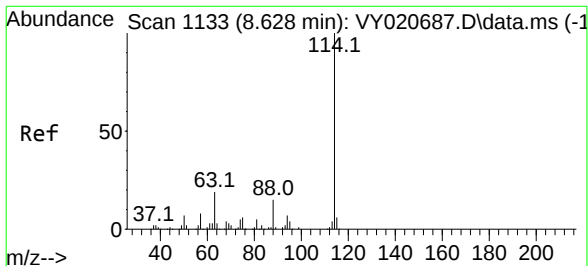
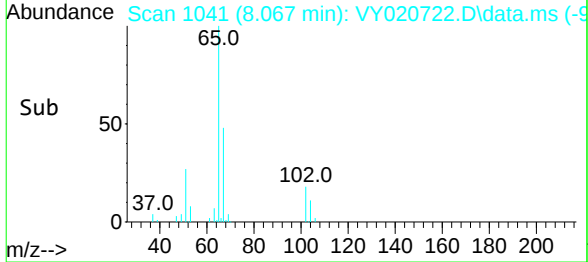
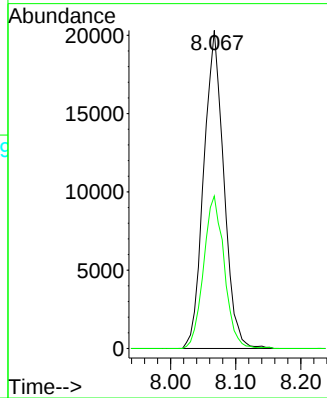
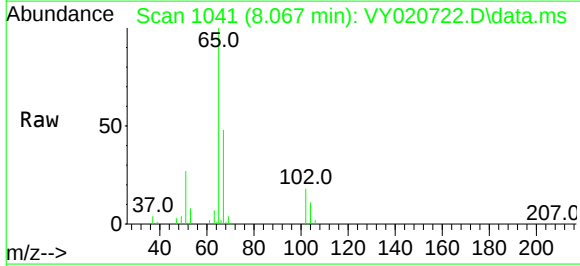




#33
1,2-Dichloroethane-d4
Concen: 55.926 ug/l
RT: 8.067 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

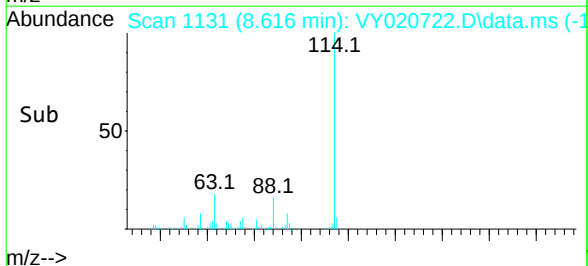
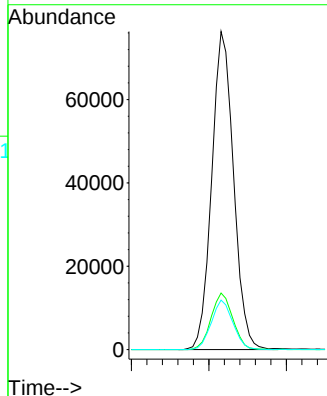
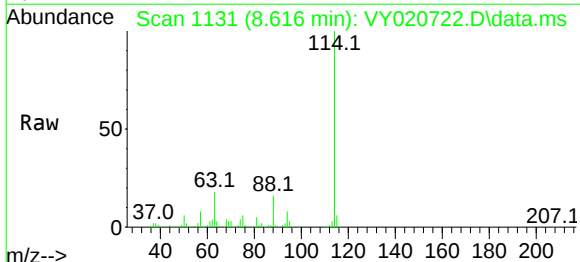
Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3

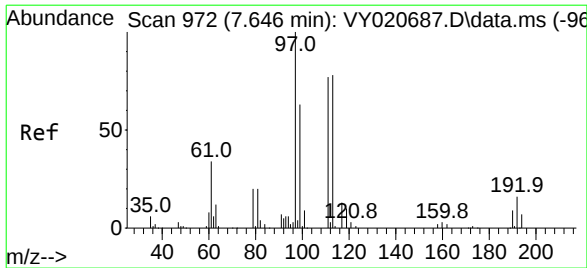
Tgt Ion: 65 Resp: 43540
Ion Ratio Lower Upper
65 100
67 49.2 0.0 98.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.012 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

Tgt Ion: 114 Resp: 149227
Ion Ratio Lower Upper
114 100
63 17.8 0.0 38.4
88 15.6 0.0 30.4





#35

Dibromofluoromethane

Concen: 54.668 ug/l

RT: 7.640 min Scan# 97

Delta R.T. -0.006 min

Lab File: VY020722.D

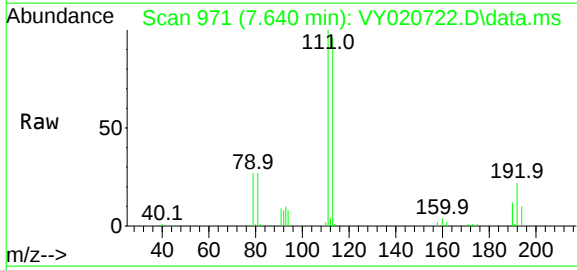
Acq: 26 Dec 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

TT-304-IDWSO-20241217-3



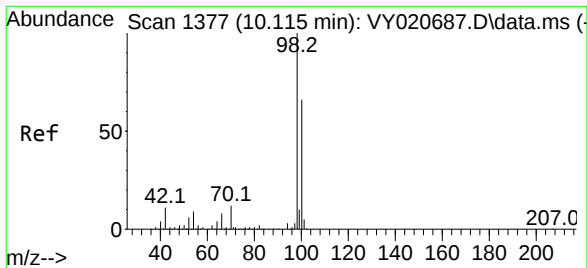
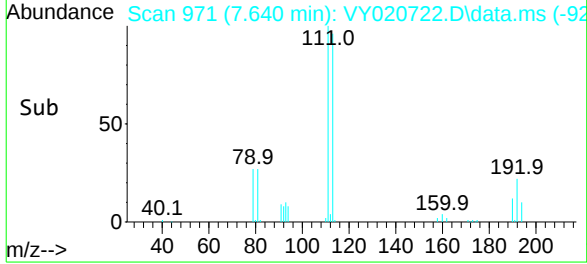
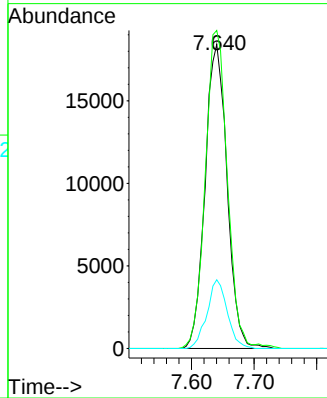
Tgt Ion:113 Resp: 44935

Ion Ratio Lower Upper

113 100

111 105.5 79.8 119.8

192 20.9 17.0 25.6



#50

Toluene-d8

Concen: 52.643 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.006 min

Lab File: VY020722.D

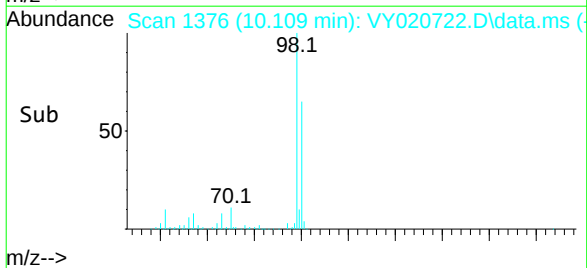
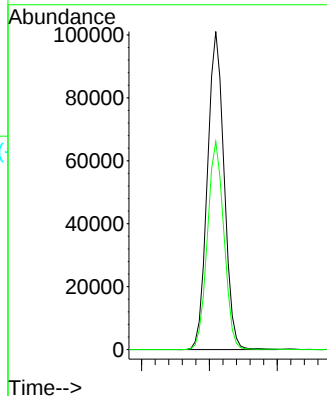
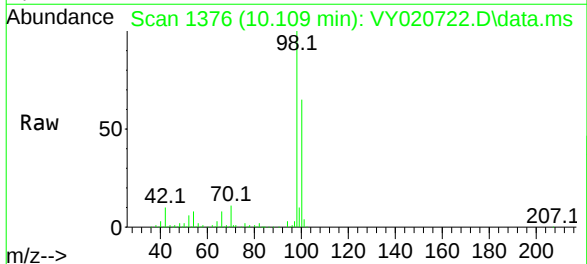
Acq: 26 Dec 2024 17:15

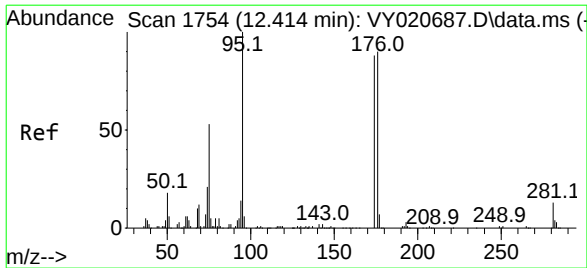
Tgt Ion: 98 Resp: 172379

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 49.234 ug/l

RT: 12.408 min Scan# 17

Delta R.T. -0.006 min

Lab File: VY020722.D

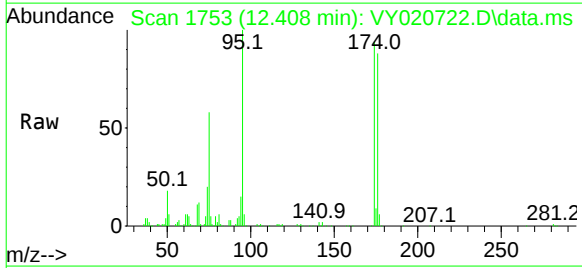
Acq: 26 Dec 2024 17:15

Instrument :

MSVOA_Y

ClientSampleId :

TT-304-IDWSO-20241217-3



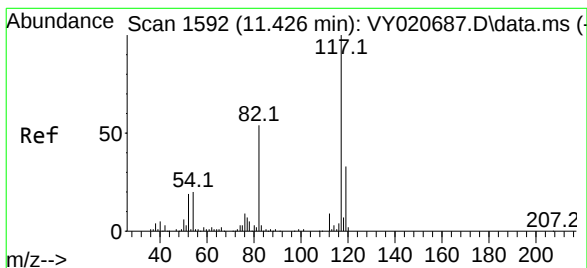
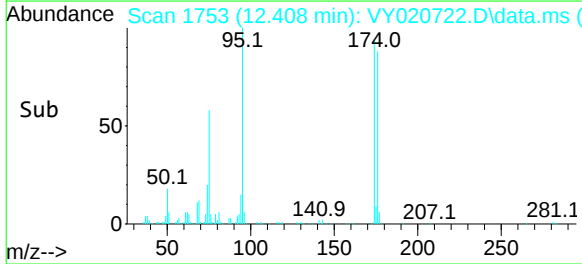
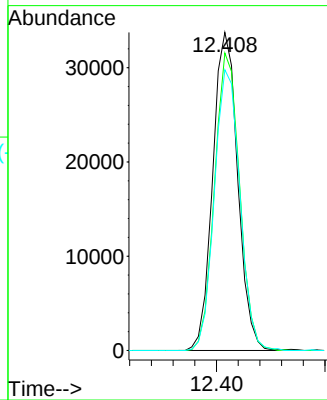
Tgt Ion: 95 Resp: 53781

Ion Ratio Lower Upper

95 100

174 93.6 0.0 179.2

176 90.3 0.0 179.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020722.D

Acq: 26 Dec 2024 17:15

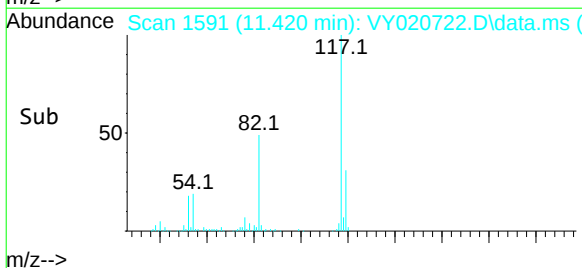
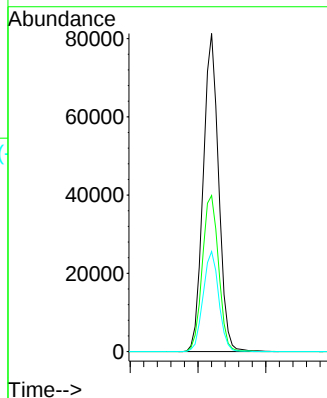
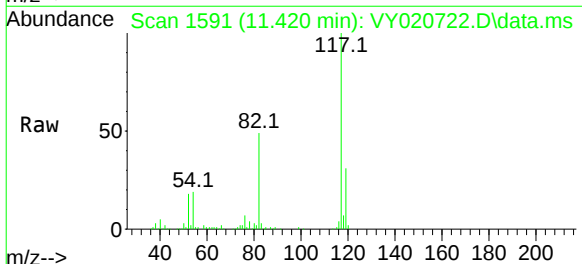
Tgt Ion: 117 Resp: 128468

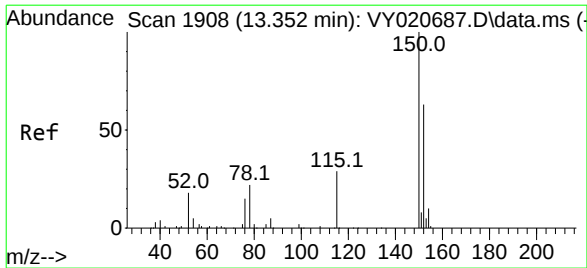
Ion Ratio Lower Upper

117 100

82 49.1 43.4 65.2

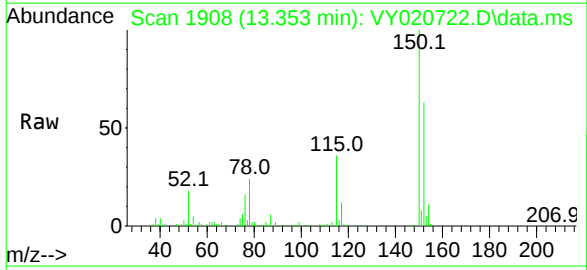
119 31.5 26.6 39.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 19
Delta R.T. 0.001 min
Lab File: VY020722.D
Acq: 26 Dec 2024 17:15

Instrument :
MSVOA_Y
ClientSampleId :
TT-304-IDWSO-20241217-3



Tgt Ion:	152	Resp:	55512
Ion	Ratio	Lower	Upper
152	100		
115	59.1	30.3	90.9
150	158.1	0.0	349.0

